

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX005067.D
 Acq On : 05 Oct 2018 13:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 105 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 10/5/2018 4:49:41 PM

Quant Time: Oct 05 14:29:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	220374	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	329451	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	309238	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	191366	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	158381	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
35) Dibromofluoromethane	5.50	113	128842	46.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.28%	
50) Toluene-d8	8.72	98	472330	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
62) 4-Bromofluorobenzene	11.14	95	179310	53.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	163697	54.480	ug/l	91
3) Chloromethane	1.32	50	169581	46.518	ug/l	99
4) Vinyl Chloride	1.40	62	173302	50.686	ug/l	95
5) Bromomethane	1.64	94	116703	57.560	ug/l	95
6) Chloroethane	1.71	64	99090	53.334	ug/l	97
7) Trichlorofluoromethane	1.92	101	217477	51.379	ug/l	94
8) Diethyl Ether	2.18	74	93766	50.992	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	125166	51.912	ug/l	98
10) Methyl Iodide	2.51	142	149676	46.390	ug/l	93
11) Tert butyl alcohol	3.09	59	232347	263.964	ug/l	98
12) 1,1-Dichloroethene	2.37	96	120222	50.348	ug/l	95
13) Acrolein	2.29	56	90174	143.985	ug/l	92
14) Allyl chloride	2.72	41	281418	54.015	ug/l	96
15) Acrylonitrile	3.15	53	513946	265.234	ug/l	96
16) Acetone	2.45	43	447802	243.650	ug/l	95
17) Carbon Disulfide	2.56	76	315126	43.919	ug/l	98
18) Methyl Acetate	2.78	43	298474	64.098	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	459030	55.732	ug/l	96
20) Methylene Chloride	2.85	84	146343	54.846	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	127201	48.663	ug/l	86
22) Diisopropyl ether	3.88	45	498456	56.816	ug/l #	86
23) Vinyl Acetate	3.82	43	2032275	253.064	ug/l	99
24) 1,1-Dichloroethane	3.69	63	265410	50.715	ug/l	100
25) 2-Butanone	4.71	43	709304	261.822	ug/l	95
26) 2,2-Dichloropropane	4.59	77	186285	51.117	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	147287	50.439	ug/l	92
28) Bromochloromethane	5.02	49	126026	51.138	ug/l	99
29) Tetrahydrofuran	5.16	42	455781	270.685	ug/l	97
30) Chloroform	5.21	83	242443	49.018	ug/l	98
31) Cyclohexane	5.57	56	203260	50.746	ug/l	92
32) 1,1,1-Trichloroethane	5.50	97	210176	52.033	ug/l	95
36) 1,1-Dichloropropene	5.79	75	173568	45.562	ug/l	94
37) Ethyl Acetate	4.86	43	241259	47.710	ug/l	99
38) Carbon Tetrachloride	5.79	117	178356	44.539	ug/l	91

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 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	195411	50.235	ug/l #	86
40) Benzene	6.15	78	550359	46.146	ug/l	95
41) Methacrylonitrile	5.06	41	141844	50.580	ug/l	99
42) 1,2-Dichloroethane	6.20	62	197447	46.832	ug/l	98
43) Isopropyl Acetate	6.46	43	366032	50.151	ug/l	97
44) Trichloroethene	7.21	130	140383	47.882	ug/l	97
45) 1,2-Dichloropropane	7.52	63	146043	49.934	ug/l	98
46) Dibromomethane	7.66	93	93180	50.694	ug/l	99
47) Bromodichloromethane	7.90	83	179128	52.051	ug/l	100
48) Methyl methacrylate	7.78	41	187834	56.700	ug/l	100
49) 1,4-Dioxane	7.76	88	81741	993.186	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1286437	279.929	ug/l	99
52) Toluene	8.79	92	331341	50.560	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	203149	52.238	ug/l	92
54) cis-1,3-Dichloropropene	8.44	75	218466	53.633	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	142122	49.510	ug/l	96
56) Ethyl methacrylate	9.18	69	227164	48.837	ug/l	97
57) 1,3-Dichloropropane	9.37	76	237698	49.752	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	613808	248.266	ug/l	100
59) 2-Hexanone	9.50	43	1020612	266.508	ug/l	95
60) Dibromochloromethane	9.59	129	145520	50.689	ug/l	99
61) 1,2-Dibromoethane	9.67	107	146877	47.776	ug/l	96
64) Tetrachloroethene	9.34	164	147062	48.319	ug/l	96
65) Chlorobenzene	10.14	112	376074	47.426	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	139213	49.937	ug/l	99
67) Ethyl Benzene	10.26	91	636988	50.597	ug/l	95
68) m/p-Xylenes	10.36	106	495786	100.778	ug/l	95
69) o-Xylene	10.70	106	241066	53.349	ug/l	99
70) Styrene	10.71	104	408801	48.442	ug/l	100
71) Bromoform	10.86	173	120301	50.405	ug/l	97
73) Isopropylbenzene	11.02	105	641757	53.205	ug/l	100
74) N-amyl acetate	10.90	43	328045	49.498	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	237244	48.318	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	218771m	51.005	ug/l	
77) Bromobenzene	11.26	156	176514	50.382	ug/l	99
78) n-propylbenzene	11.36	91	737650	53.299	ug/l	99
79) 2-Chlorotoluene	11.42	91	444695	51.549	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	550087	49.757	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	70316	44.922	ug/l	98
82) 4-Chlorotoluene	11.51	91	525171	51.721	ug/l	99
83) tert-Butylbenzene	11.77	119	535992	53.971	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	577021	50.614	ug/l	99
85) sec-Butylbenzene	11.94	105	642974	53.154	ug/l	100
86) p-Isopropyltoluene	12.07	119	580735	52.990	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	320836	49.042	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	326821	48.394	ug/l	100
89) n-Butylbenzene	12.39	91	515215	51.764	ug/l	100
90) Hexachloroethane	12.60	117	91738	50.275	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	328729	48.083	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	56466	52.376	ug/l	99

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VSTDCCC050EC

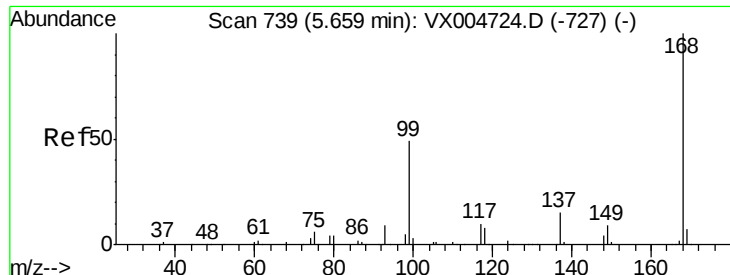
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	245426	51.174	ug/l	99
94) Hexachlorobutadiene	13.79	225	113177	45.509	ug/l	99
95) Naphthalene	13.83	128	803949	50.499	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	251875	50.841	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



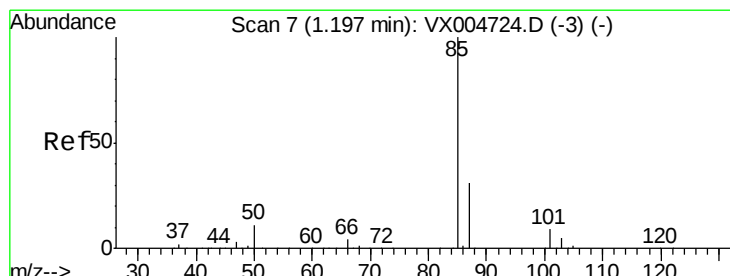
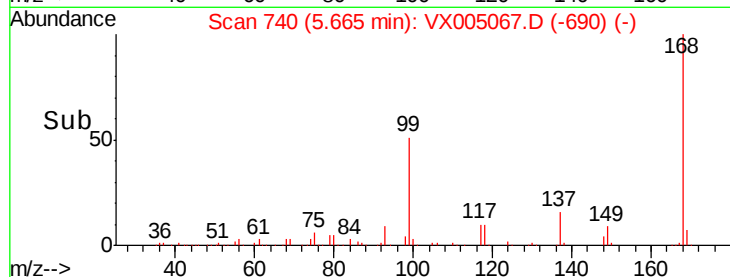
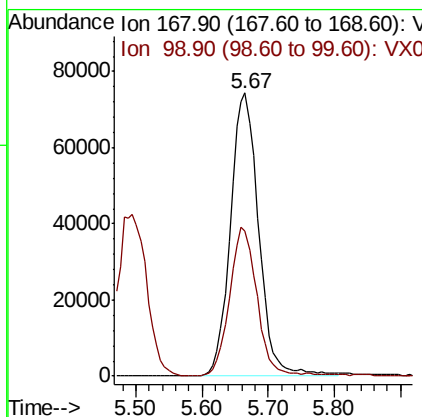
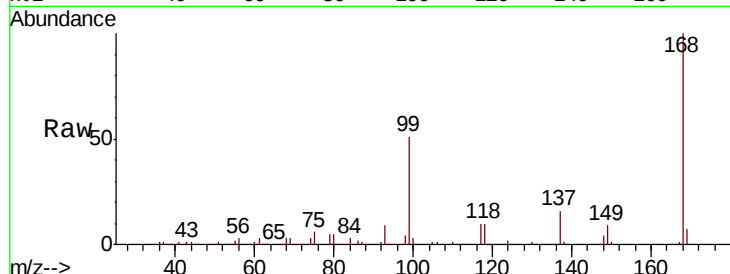
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX005067.D
Acq: 05 Oct 2018 13:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	51.2	39.3	58.9

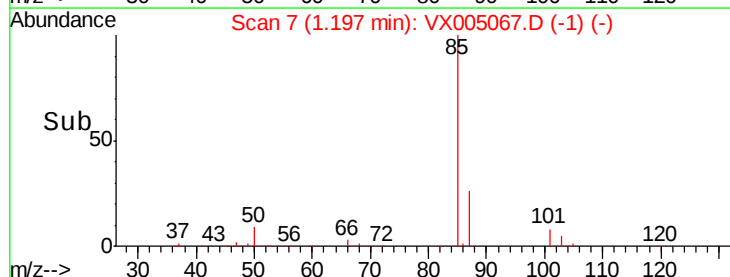
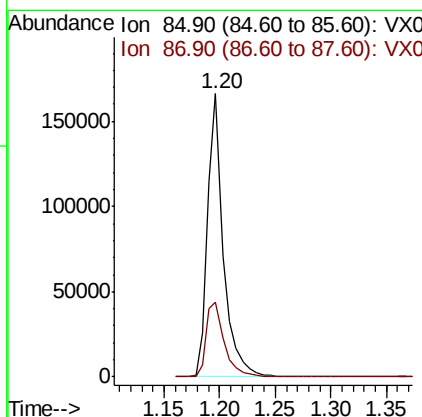
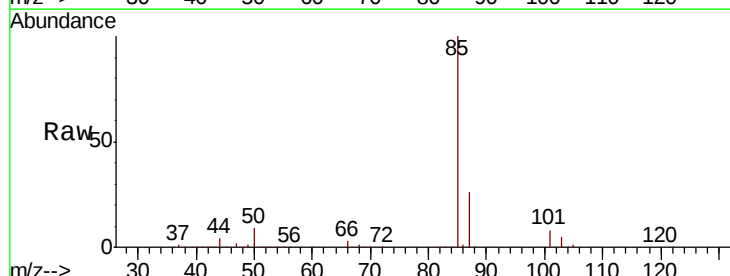
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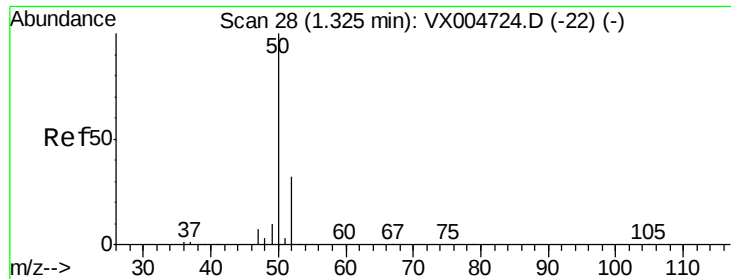
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#2
Dichlorodifluoromethane
Concen: 54.480 ug/l
RT: 1.20 min Scan# 7
Delta R.T. 0.00 min
Lab File: VX005067.D
Acq: 05 Oct 2018 13:51

Tgt Ion	Ratio	Lower	Upper
85	100		
87	26.3	15.7	47.1





#3

Chloromethane

Concen: 46.518 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX005067.D

Acq: 05 Oct 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 169581

Ion Ratio Lower Upper

50 100

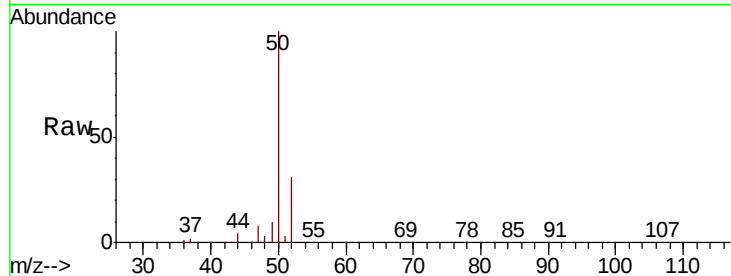
52 31.5 25.8 38.6

Manual Integrations

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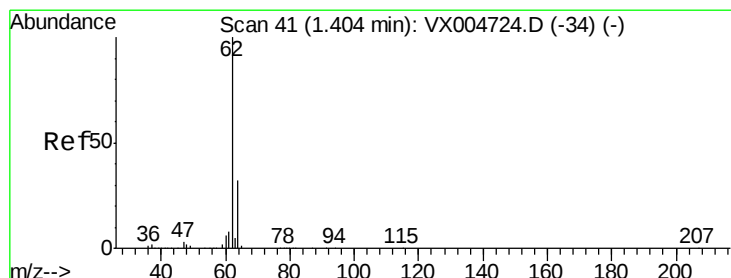
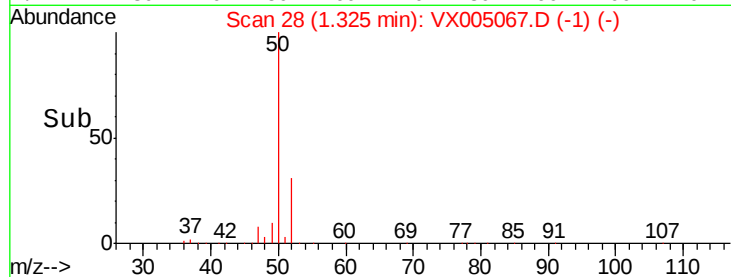
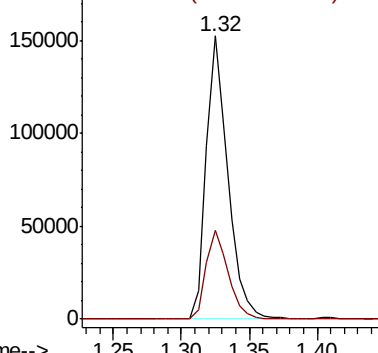
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 50.686 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX005067.D

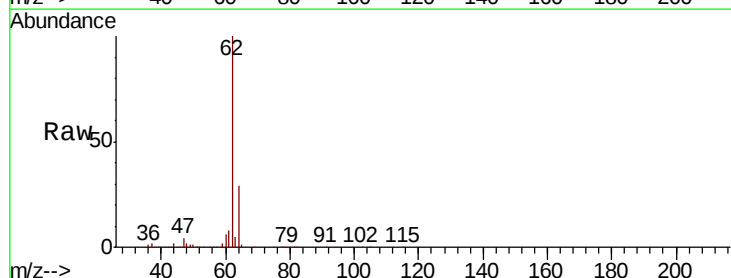
Acq: 05 Oct 2018 13:51

Tgt Ion: 62 Resp: 173302

Ion Ratio Lower Upper

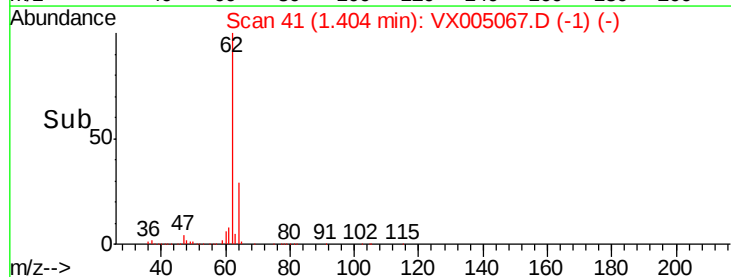
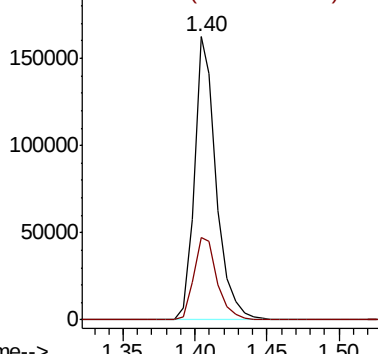
62 100

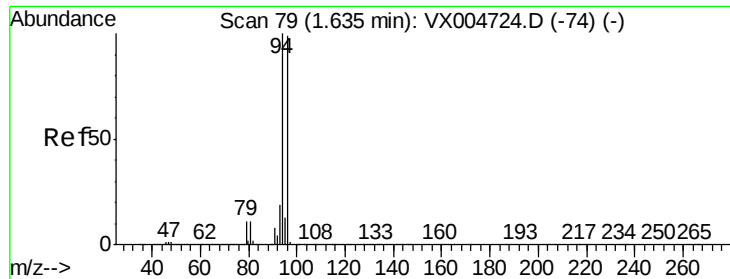
64 29.3 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 57.560 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005067.D

Acq: 05 Oct 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 116703

Ion Ratio Lower Upper

94 100

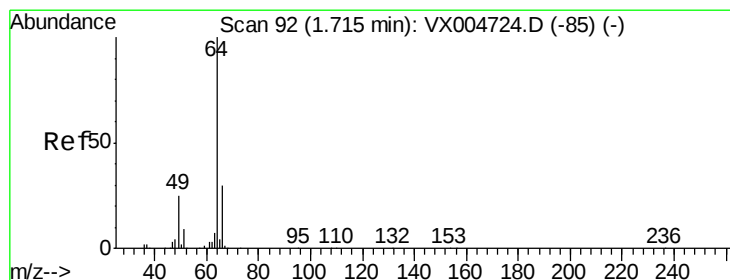
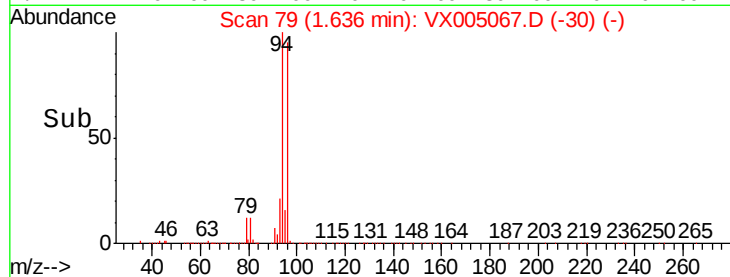
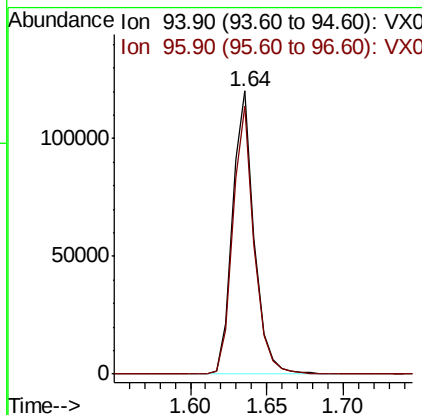
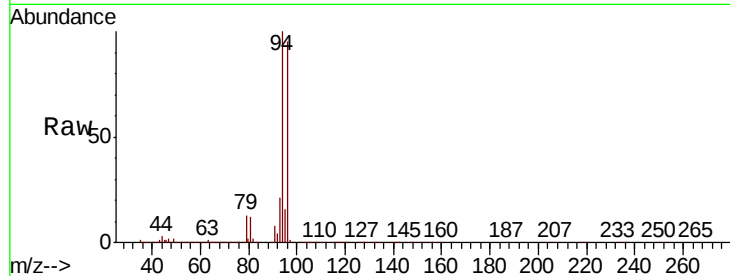
96 94.8 79.5 119.3

Manual Integrations

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#6

Chloroethane

Concen: 53.334 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX005067.D

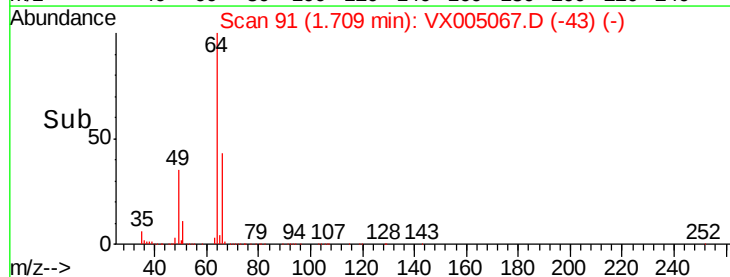
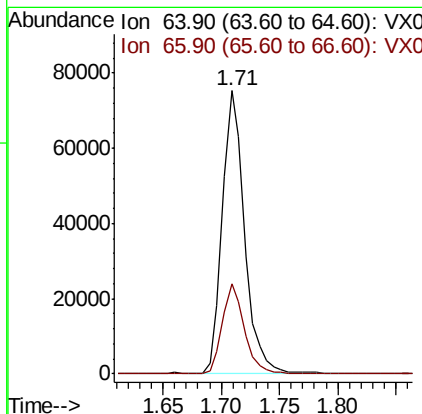
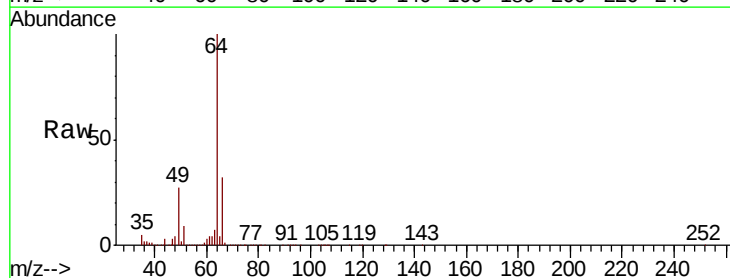
Acq: 05 Oct 2018 13:51

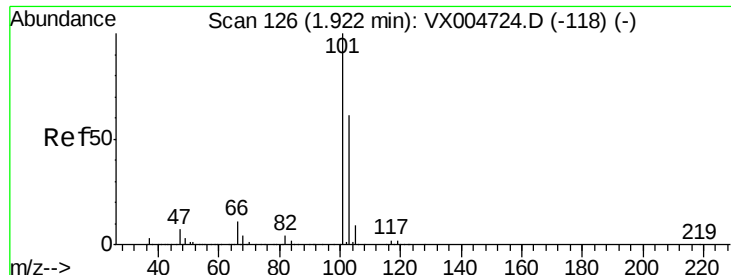
Tgt Ion: 64 Resp: 99090

Ion Ratio Lower Upper

64 100

66 31.5 23.8 35.6





#7

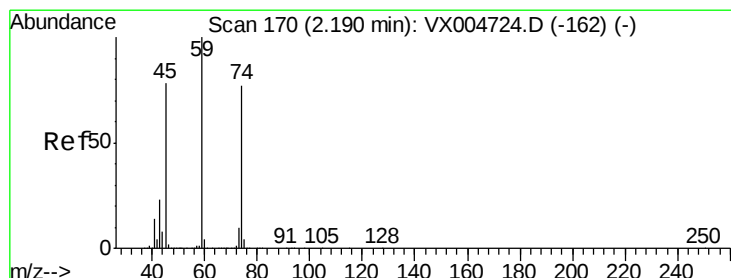
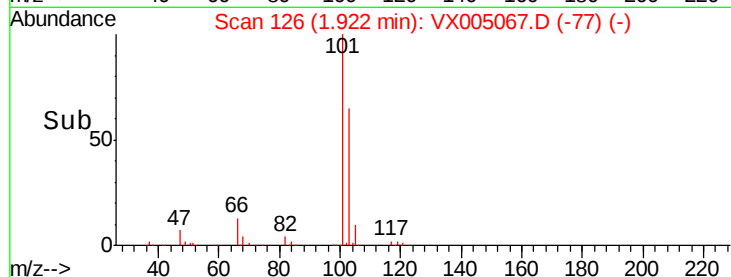
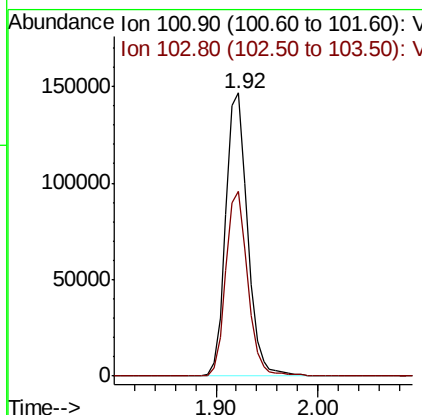
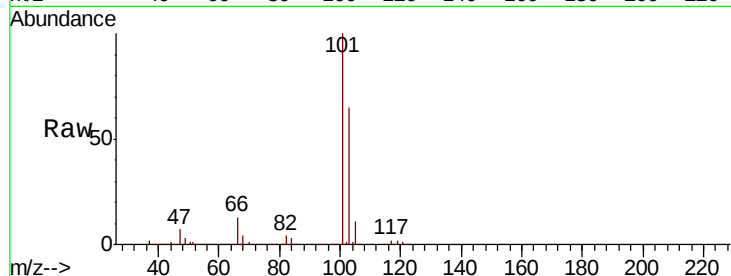
Trichlorofluoromethane
Concen: 51.379 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX005067.D
Acq: 05 Oct 2018 13:51

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.3	48.4	72.6

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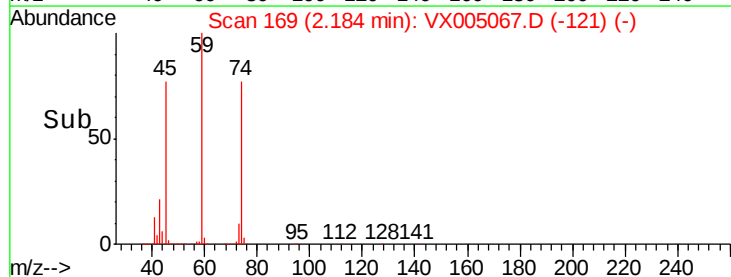
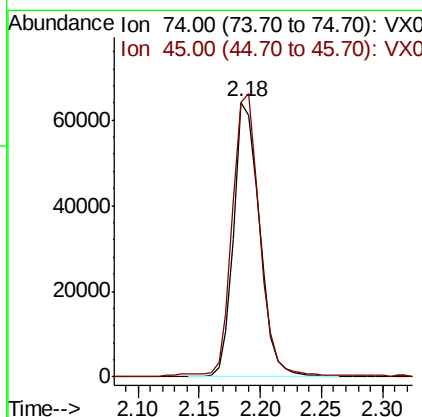
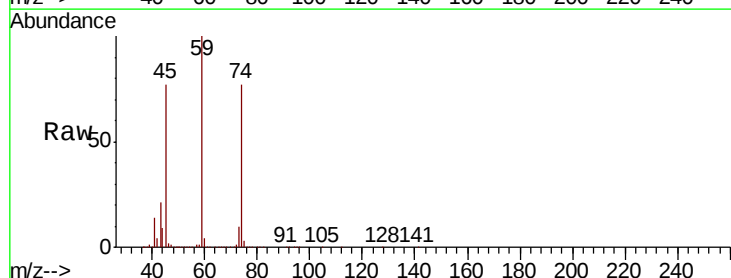
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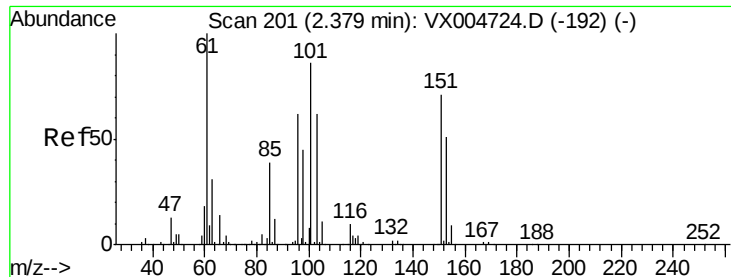


#8

Diethyl Ether
Concen: 50.992 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX005067.D
Acq: 05 Oct 2018 13:51

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.4	52.5	157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.912 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX005067.D

Acq: 05 Oct 2018 13:51

Instrument :

MSVOA_X

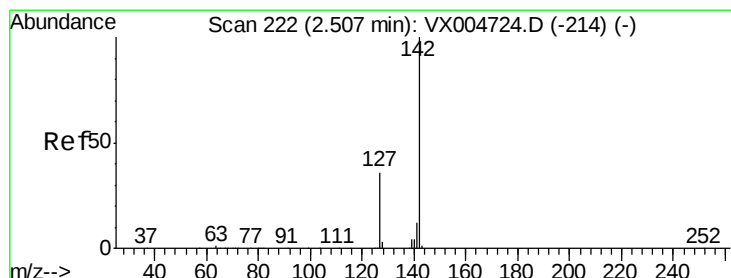
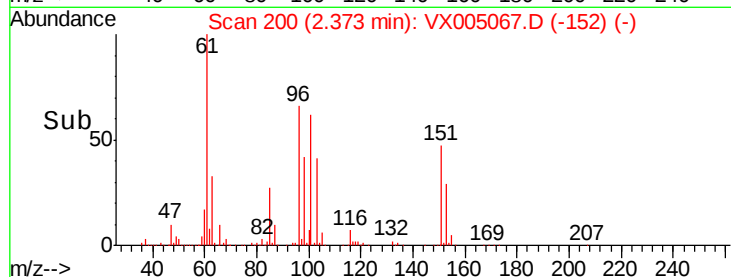
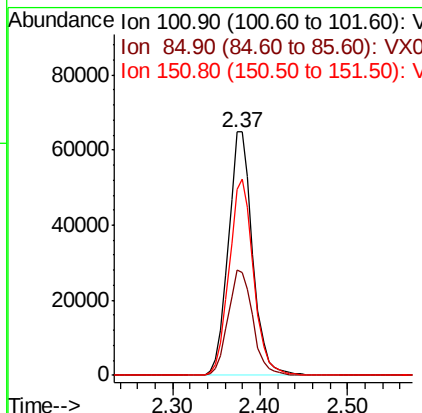
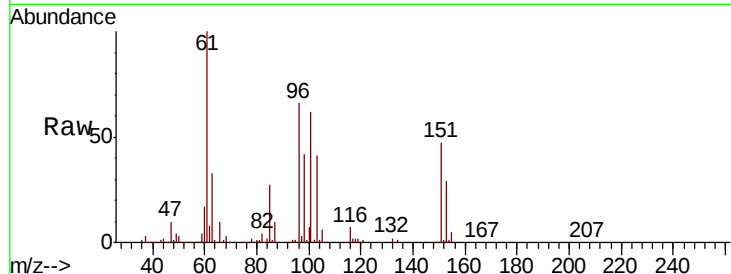
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	125166
Ion Ratio	Lower	Upper	
101	100		
85	44.3	35.9	53.9
151	81.3	66.6	100.0

Manual Integrations
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#10

Methyl Iodide

Concen: 46.390 ug/l

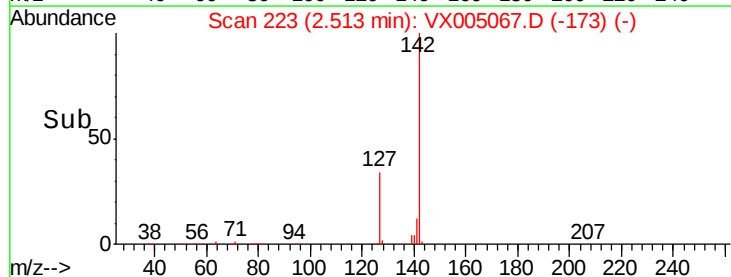
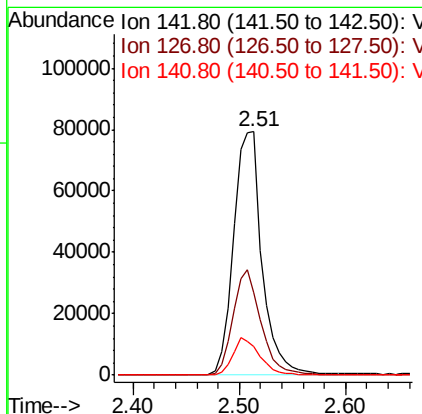
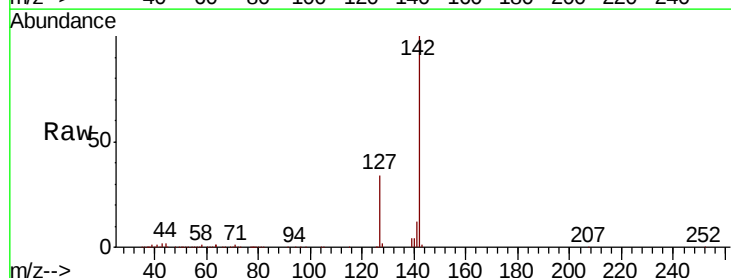
RT: 2.51 min Scan# 223

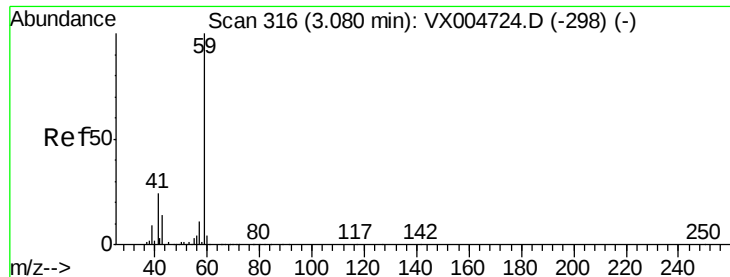
Delta R.T. 0.01 min

Lab File: VX005067.D

Acq: 05 Oct 2018 13:51

Tgt Ion:	142	Resp:	149676
Ion Ratio	Lower	Upper	
142	100		
127	42.7	30.1	45.1
141	14.4	10.1	15.1





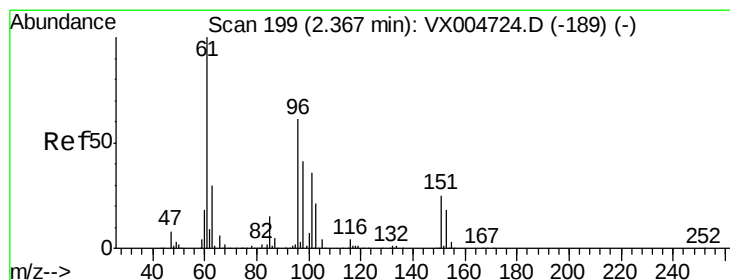
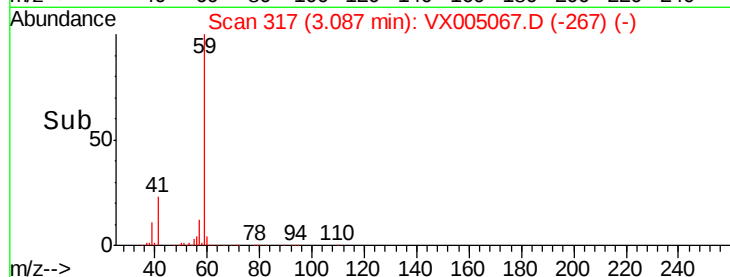
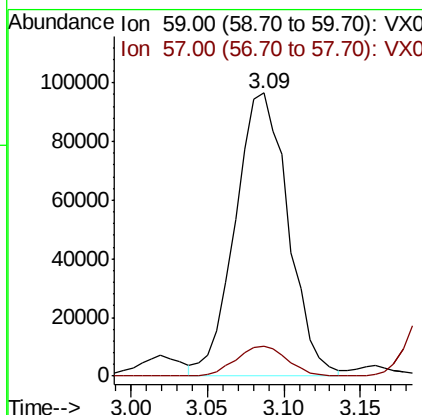
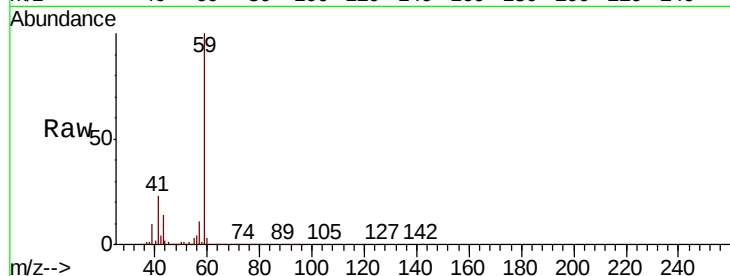
#11
Tert butyl alcohol
Concen: 263.964 ug/l
RT: 3.09 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX005067.D
Acq: 05 Oct 2018 13:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.6	12.8

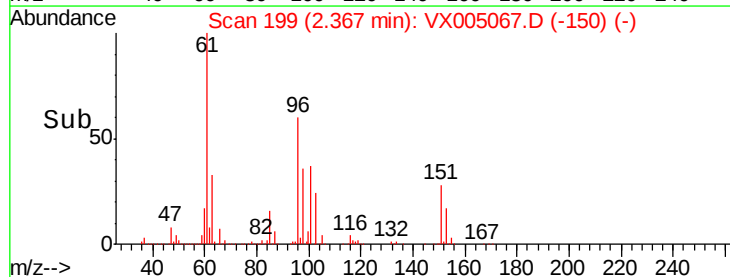
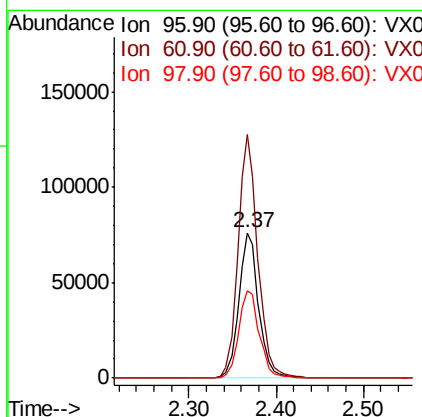
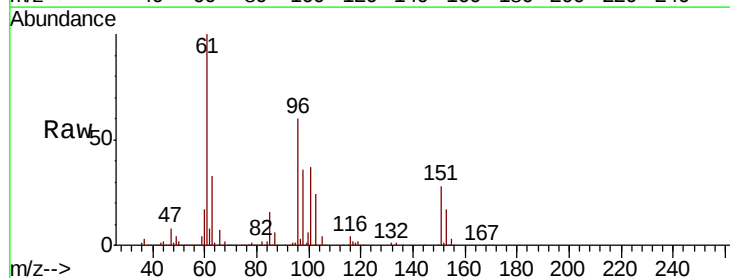
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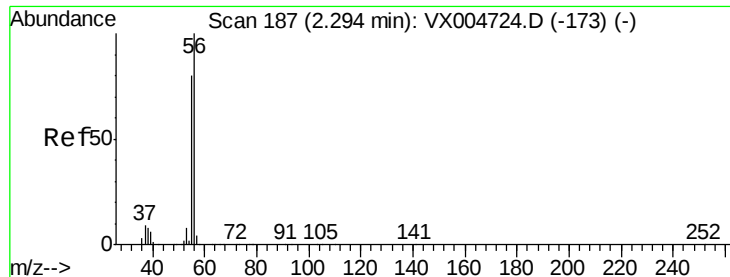
apatel
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#12
1,1-Dichloroethene
Concen: 50.348 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX005067.D
Acq: 05 Oct 2018 13:51

Tgt Ion	Ratio	Lower	Upper
96	100		
61	167.5	130.2	195.4
98	60.2	53.4	80.0





#13

Acrolein

Concen: 143.985 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005067.D

Acq: 05 Oct 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 90174

Ion Ratio Lower Upper

56 100

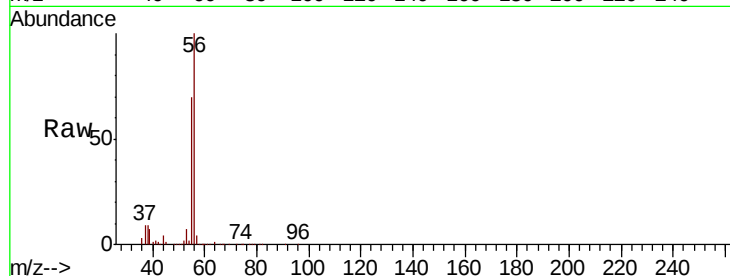
55 72.3 63.4 95.2

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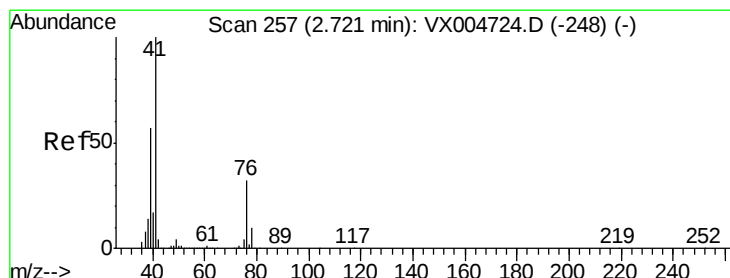
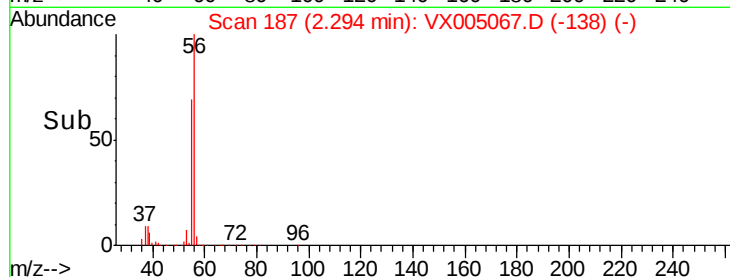
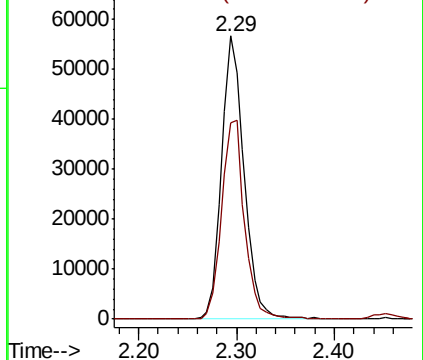
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 54.015 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX005067.D

Acq: 05 Oct 2018 13:51

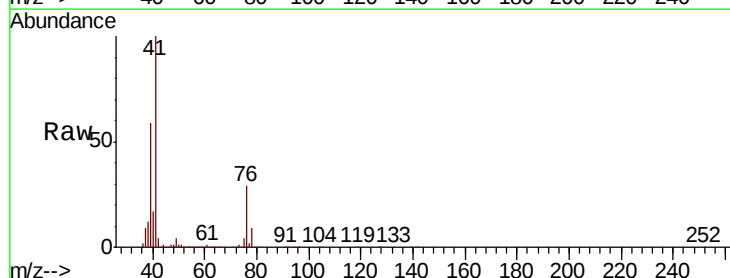
Tgt Ion: 41 Resp: 281418

Ion Ratio Lower Upper

41 100

39 56.9 44.1 66.1

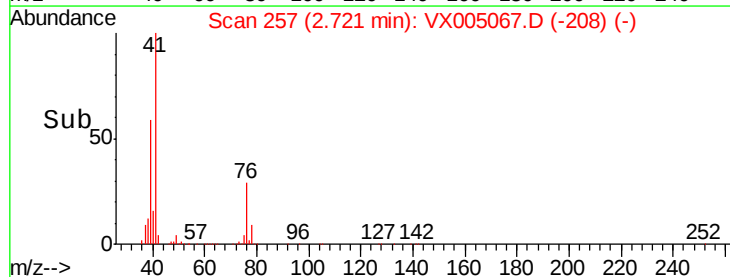
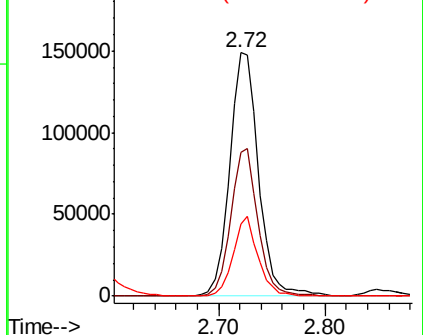
76 28.3 25.0 37.4

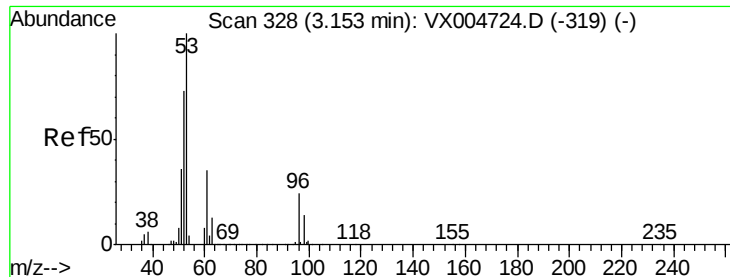


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 265.234 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX005067.D

Acq: 05 Oct 2018 13:51

Instrument :

MSVOA_X

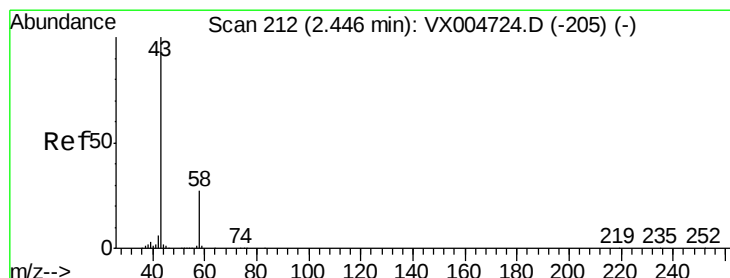
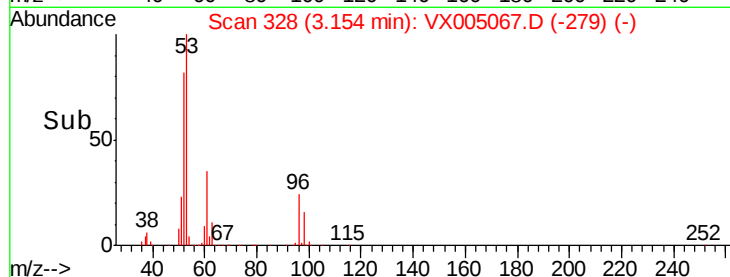
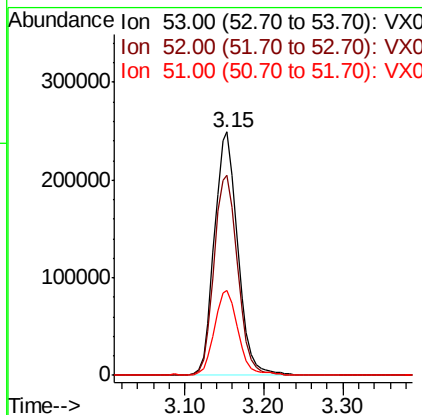
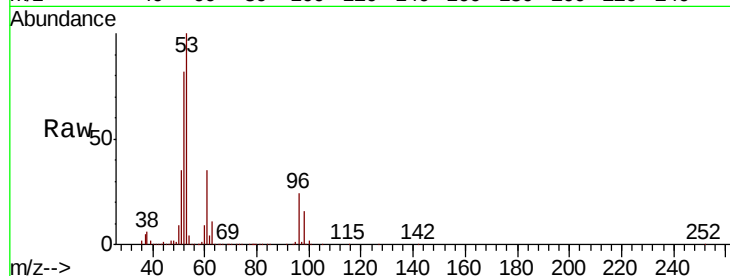
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	513946
Ion	Ratio	Lower	Upper
53	100		
52	83.0	63.0	94.4
51	35.4	28.6	42.8

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#16

Acetone

Concen: 243.650 ug/l

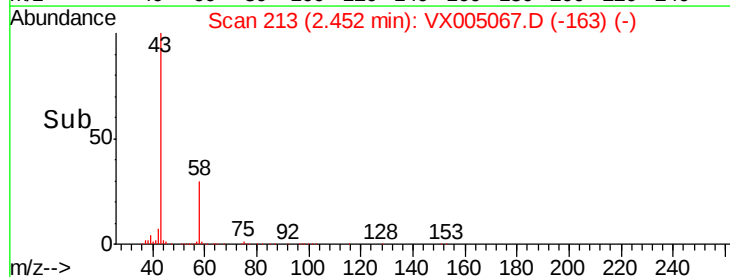
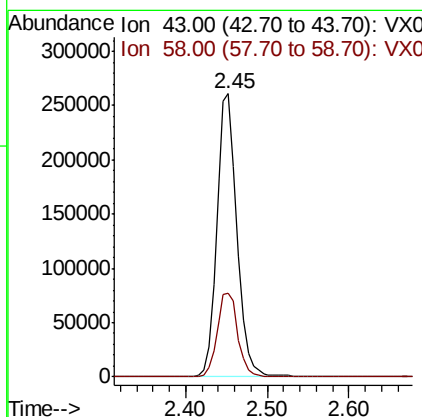
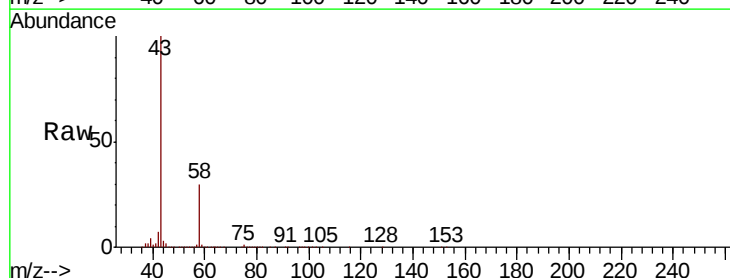
RT: 2.45 min Scan# 213

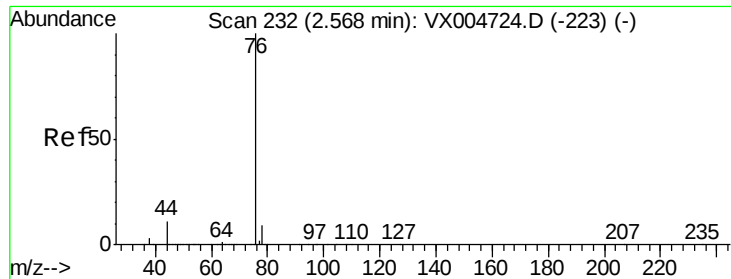
Delta R.T. 0.01 min

Lab File: VX005067.D

Acq: 05 Oct 2018 13:51

Tgt Ion:	43	Resp:	447802
Ion	Ratio	Lower	Upper
43	100		
58	29.7	21.8	32.6





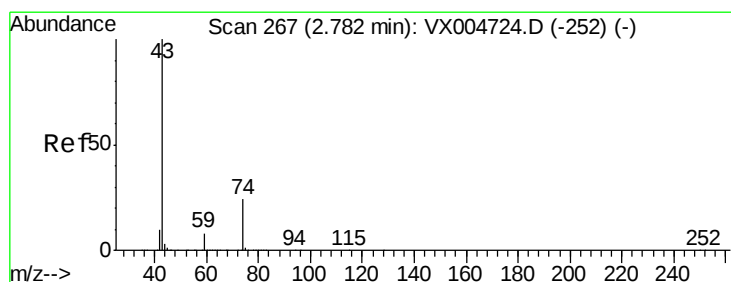
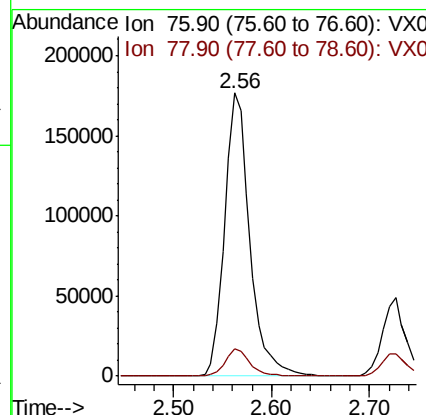
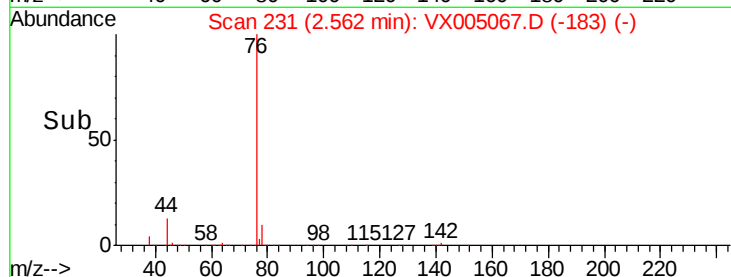
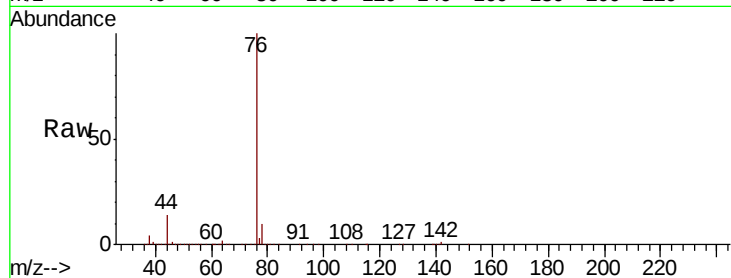
#17
Carbon Disulfide
Concen: 43.919 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX005067.D
Acq: 05 Oct 2018 13:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.0	10.6

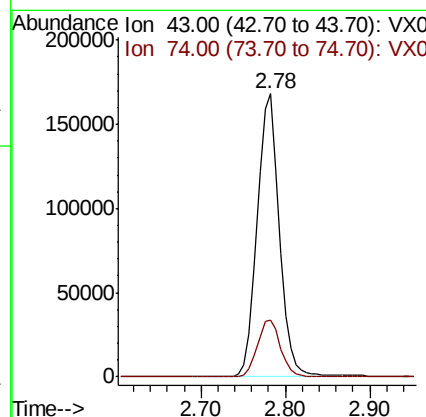
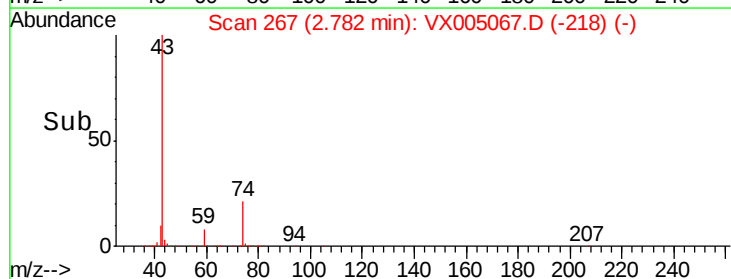
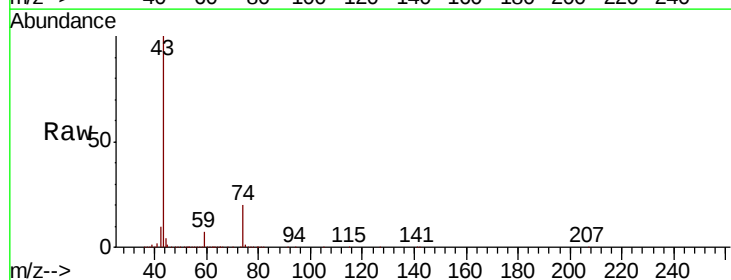
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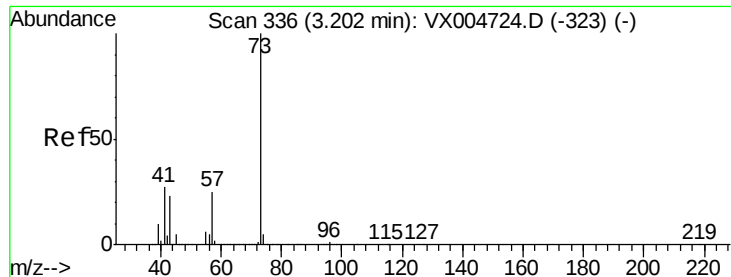
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#18
Methyl Acetate
Concen: 64.098 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX005067.D
Acq: 05 Oct 2018 13:51

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.0	17.8	26.8





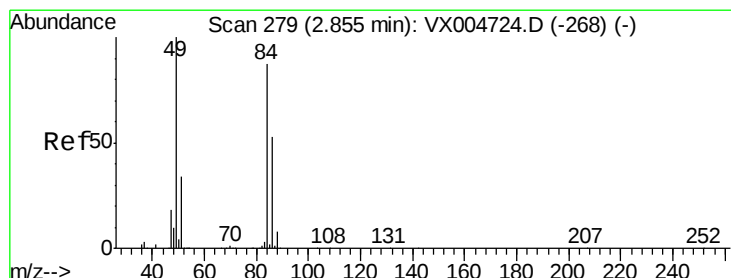
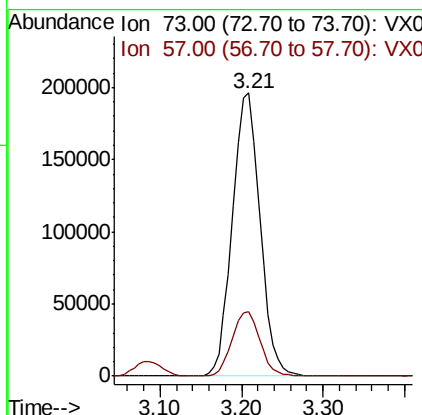
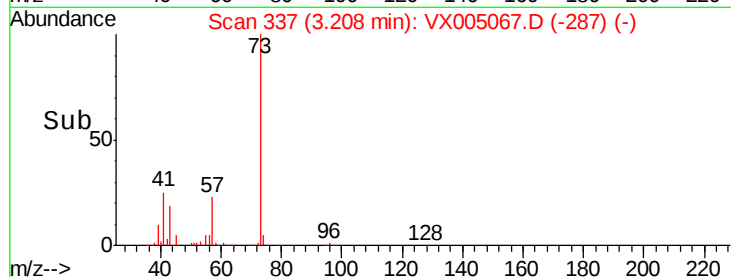
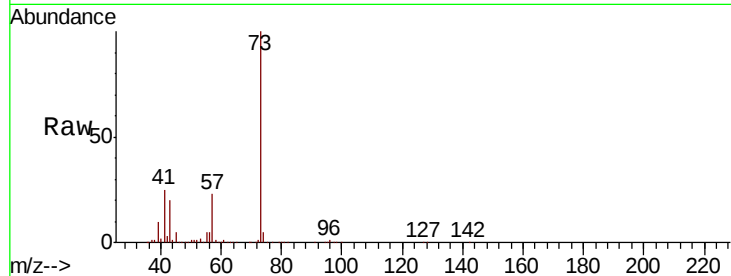
#19
Methvl tert-butvl Ether
Concen: 55.732 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX005067.D
Acq: 05 Oct 2018 13:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.7	19.9	29.9

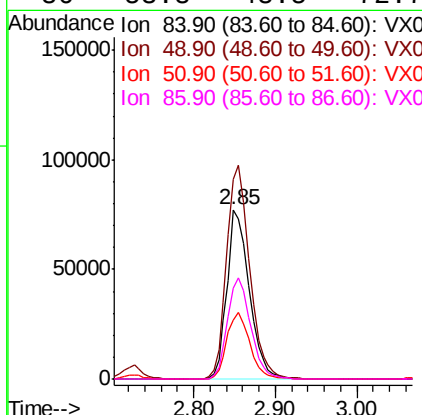
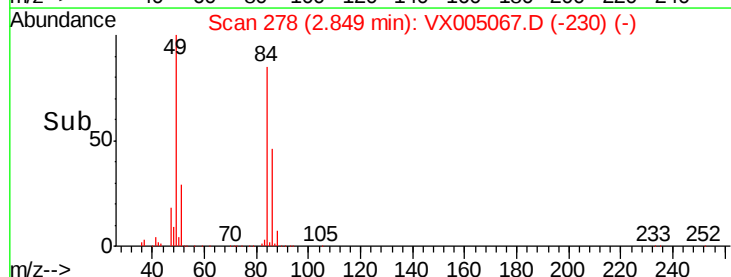
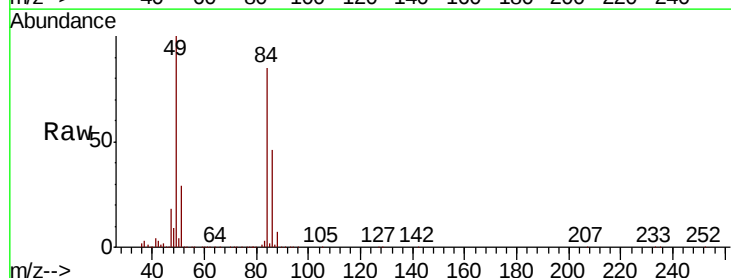
Manual Integrations
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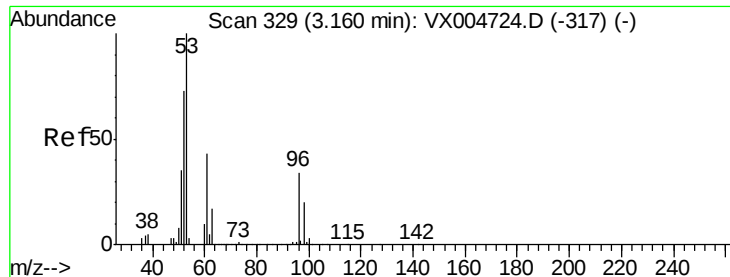
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#20
Methylene Chloride
Concen: 54.846 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX005067.D
Acq: 05 Oct 2018 13:51

Tgt Ion	Ratio	Lower	Upper
84	100		
49	117.9	92.3	138.5
51	34.5	31.8	47.6
86	53.8	48.5	72.7





#21

trans-1,2-Dichloroethene

Concen: 48.663 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX005067.D

Acq: 05 Oct 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 127201

Ion Ratio Lower Upper

96 100

61 145.7 101.0 151.6

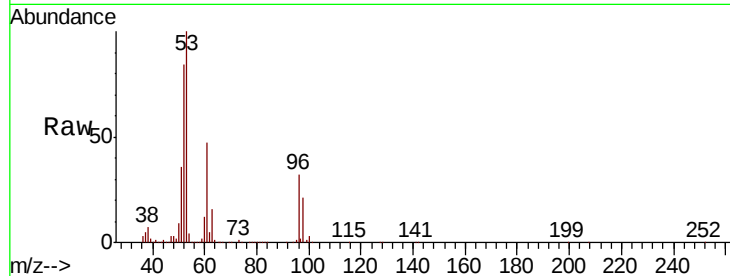
98 63.9 47.2 70.8

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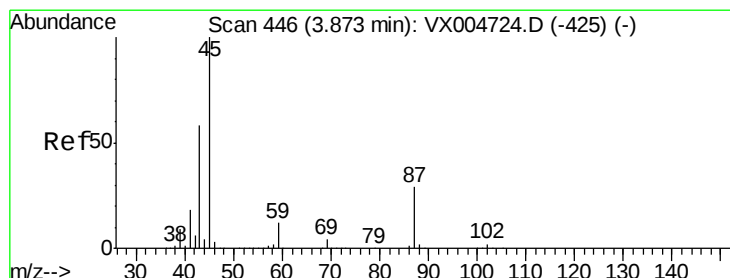
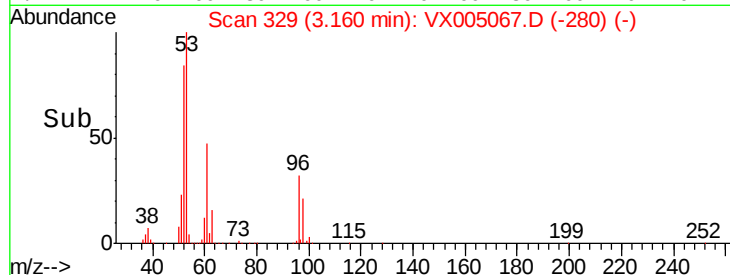
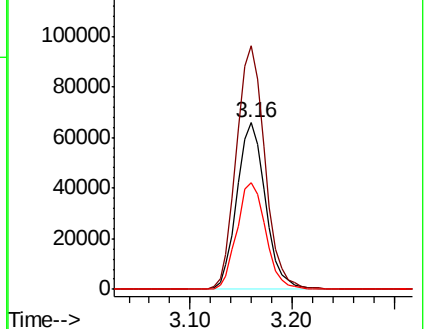
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Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 56.816 ug/l

RT: 3.88 min Scan# 447

Delta R.T. 0.01 min

Lab File: VX005067.D

Acq: 05 Oct 2018 13:51

Tgt Ion: 45 Resp: 498456

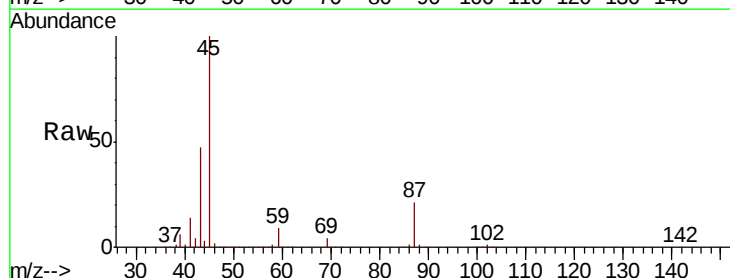
Ion Ratio Lower Upper

45 100

43 46.7 46.7 70.1#

87 20.9 22.9 34.3#

59 9.1 9.3 13.9#

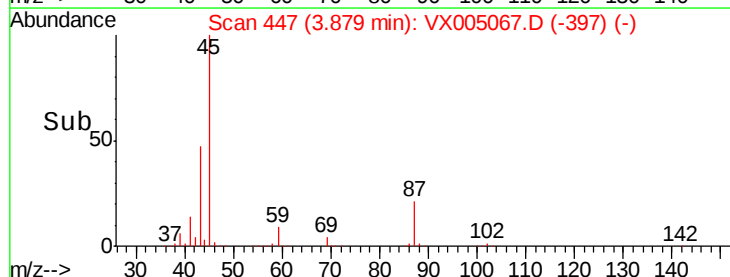
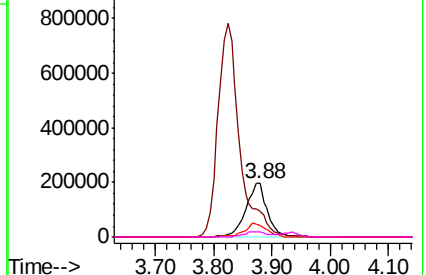


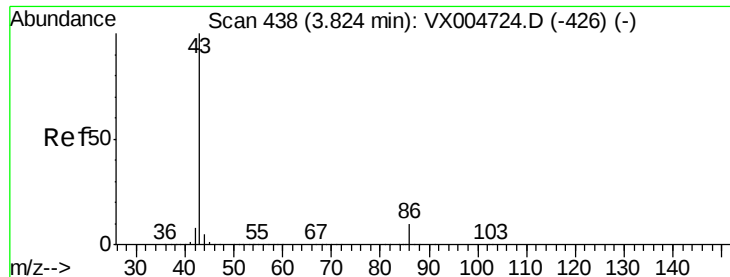
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 253.064 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX005067.D

Acq: 05 Oct 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2032275

Ion Ratio Lower Upper

43 100

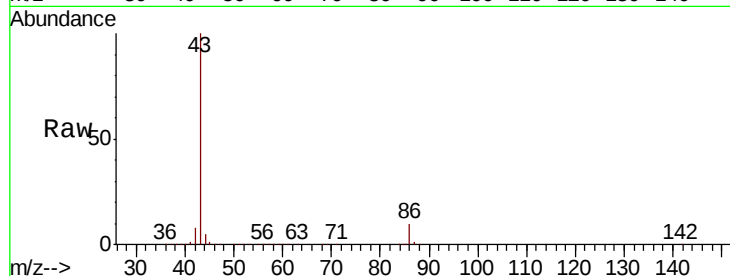
86 9.7 8.1 12.1

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

800000

600000

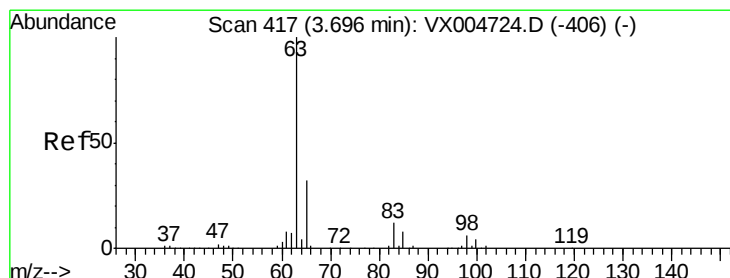
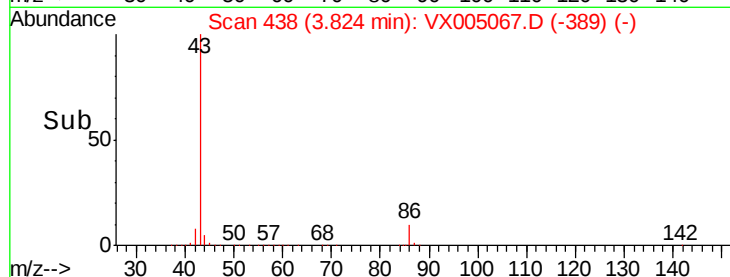
400000

200000

0

3.60 3.80 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 50.715 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX005067.D

Acq: 05 Oct 2018 13:51

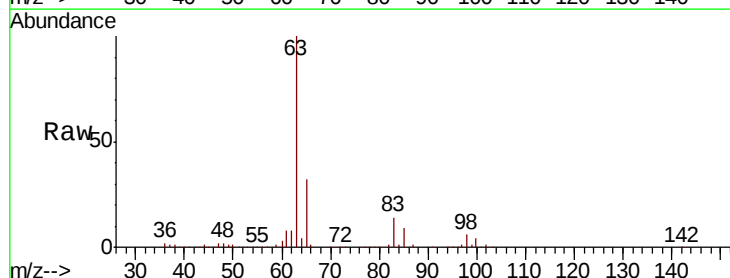
Tgt Ion: 63 Resp: 265410

Ion Ratio Lower Upper

63 100

98 6.1 3.0 9.2

100 4.2 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

150000

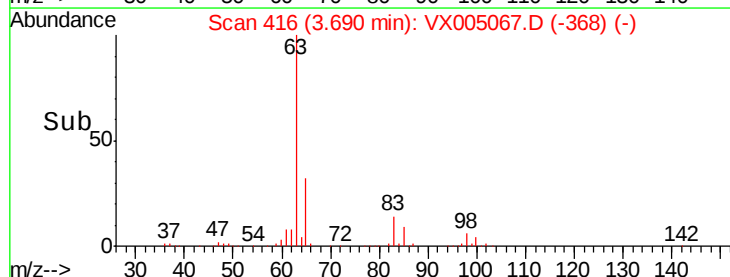
100000

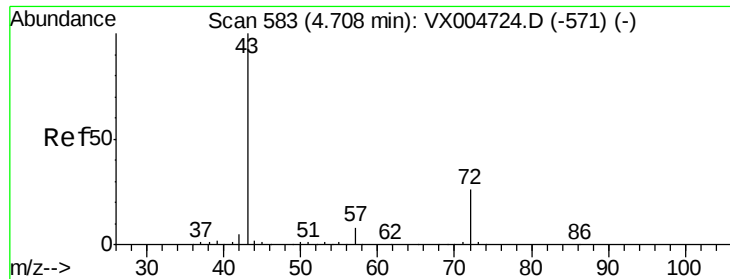
50000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 261.822 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX005067.D

Acq: 05 Oct 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 709304

Ion Ratio Lower Upper

43 100

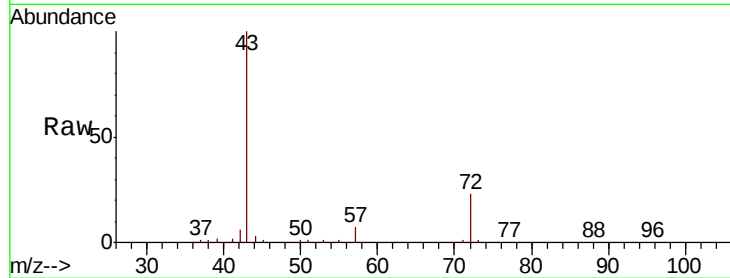
72 23.4 20.8 31.2

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

300000

250000

200000

150000

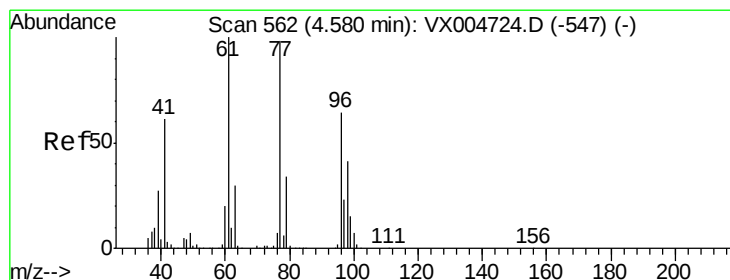
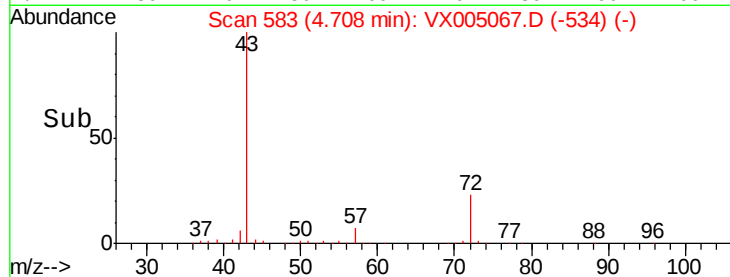
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 51.117 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX005067.D

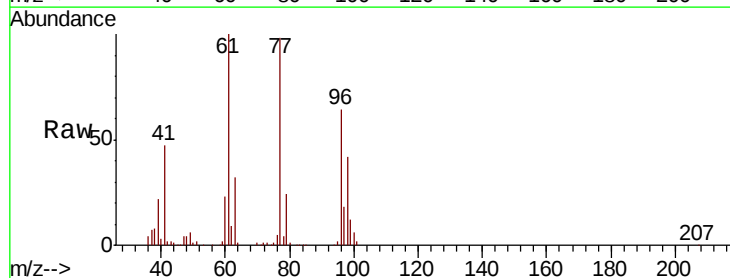
Acq: 05 Oct 2018 13:51

Tgt Ion: 77 Resp: 186285

Ion Ratio Lower Upper

77 100

97 22.8 12.6 37.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

80000

60000

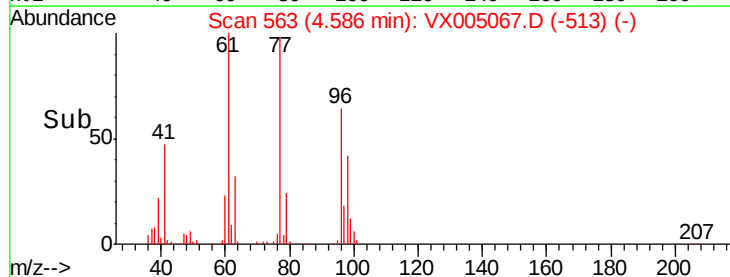
40000

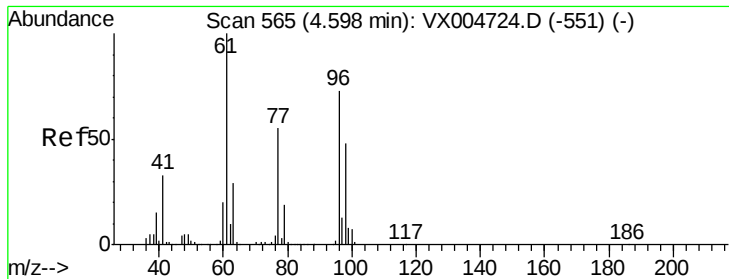
20000

0

4.40 4.50 4.60 4.70

Time-->





#27

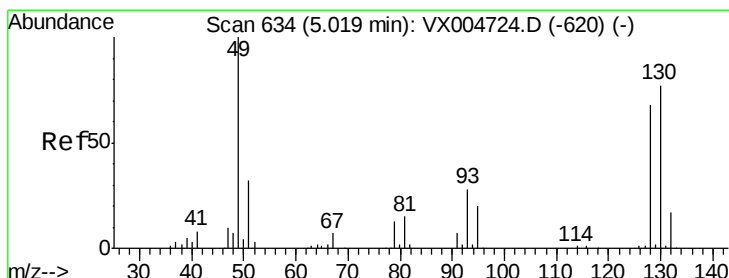
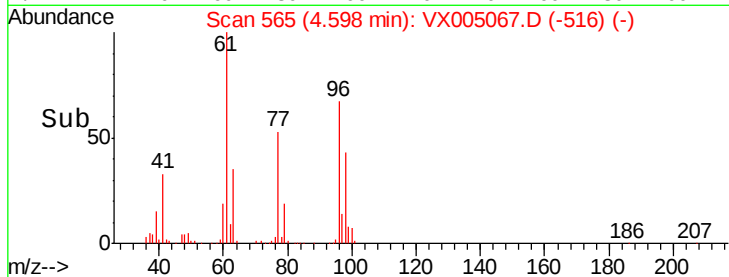
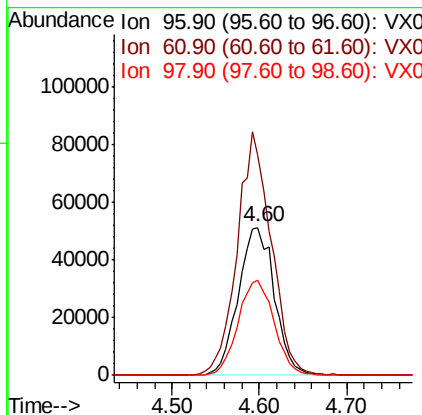
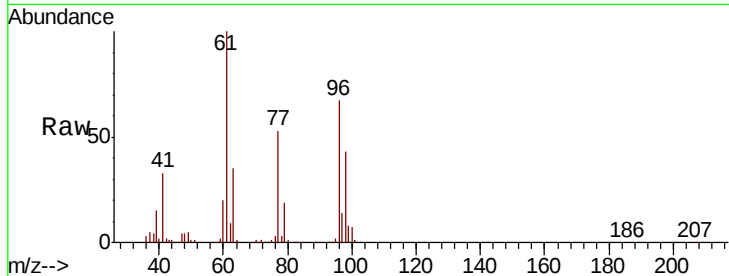
cis-1,2-Dichloroethene
Concen: 50.439 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX005067.D
Acq: 05 Oct 2018 13:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	154.3	0.0	285.8
98	64.2	0.0	136.2

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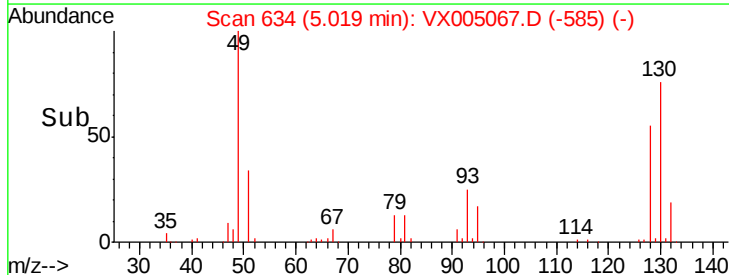
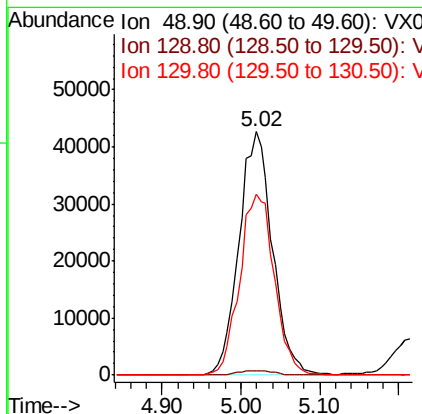
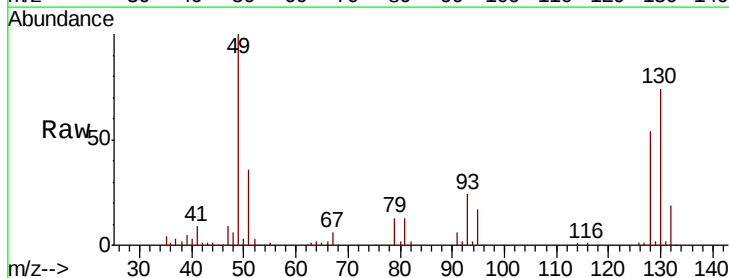
apatel
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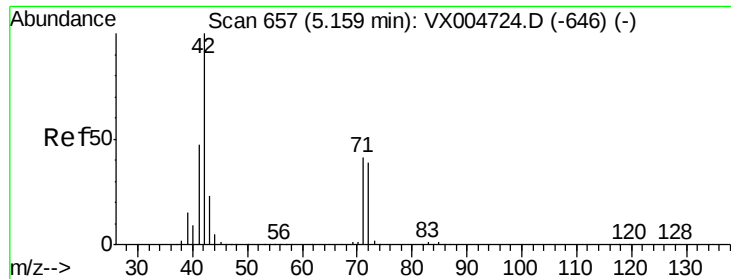


#28

Bromochloromethane
Concen: 51.138 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX005067.D
Acq: 05 Oct 2018 13:51

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	76.5	62.0	93.0





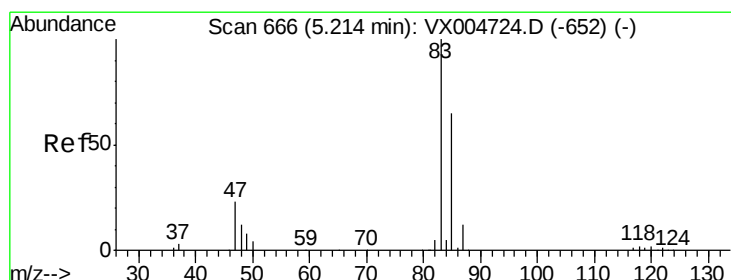
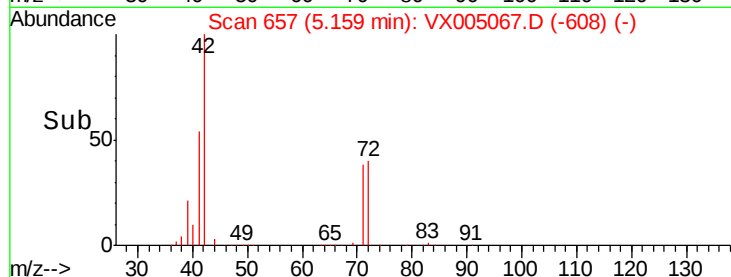
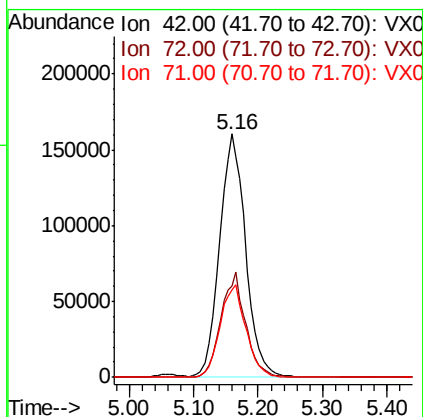
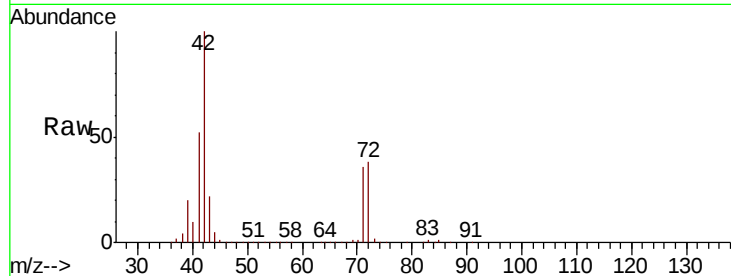
#29
Tetrahydrofuran
Concen: 270.685 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX005067.D
Acq: 05 Oct 2018 13:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.0	33.7	50.5
71	38.0	32.2	48.4

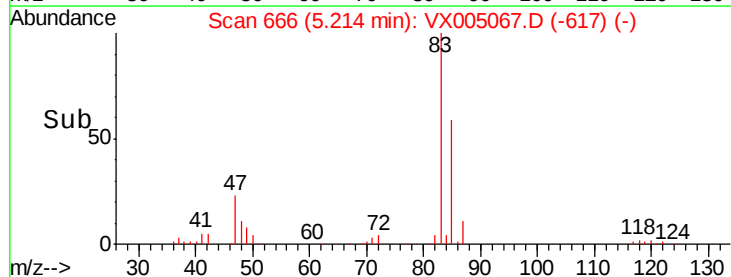
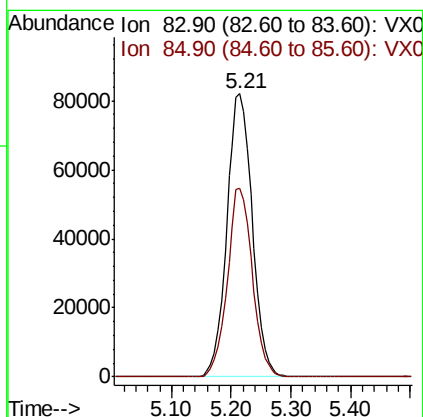
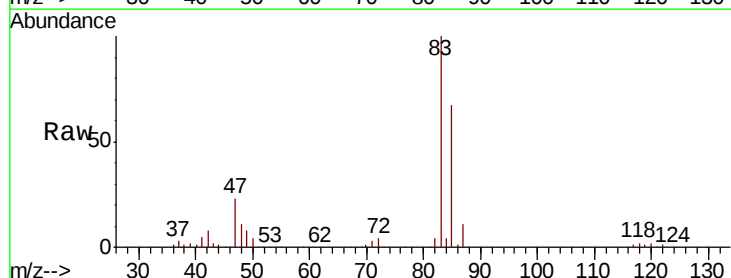
Manual Integrations
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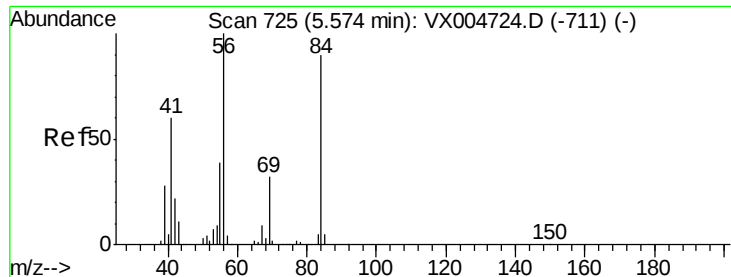
apatel
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#30
Chloroform
Concen: 49.018 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX005067.D
Acq: 05 Oct 2018 13:51

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.8	52.4	78.6





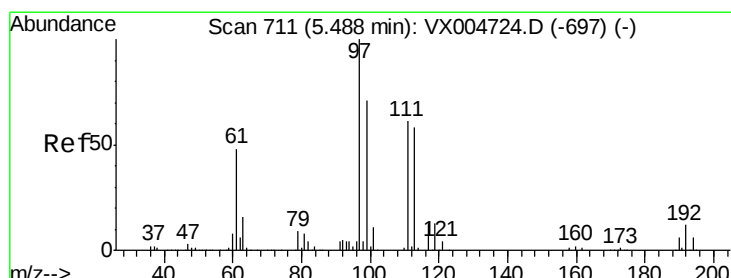
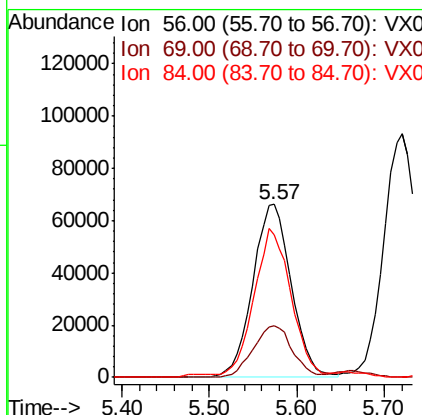
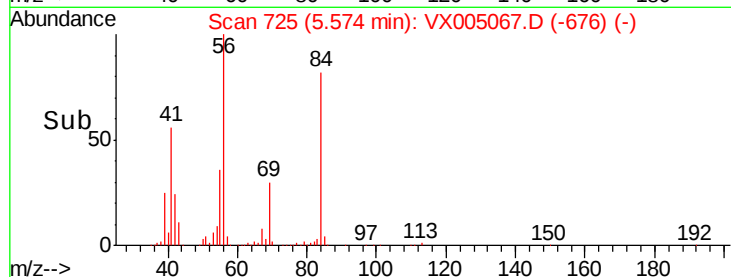
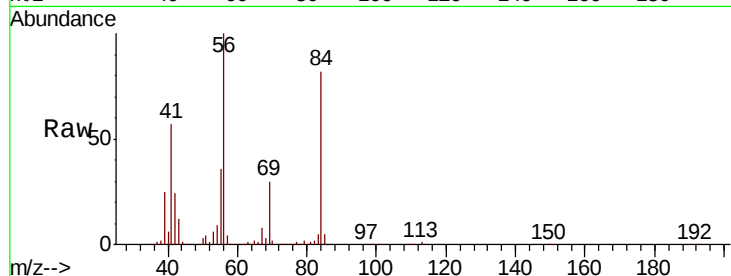
#31
Cyclohexane
Concen: 50.746 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX005067.D
Acq: 05 Oct 2018 13:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.6	25.9	38.9
84	80.9	71.9	107.9

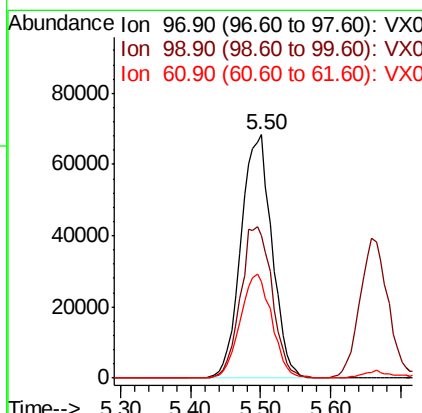
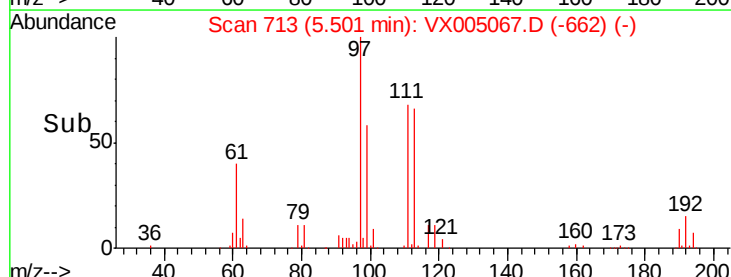
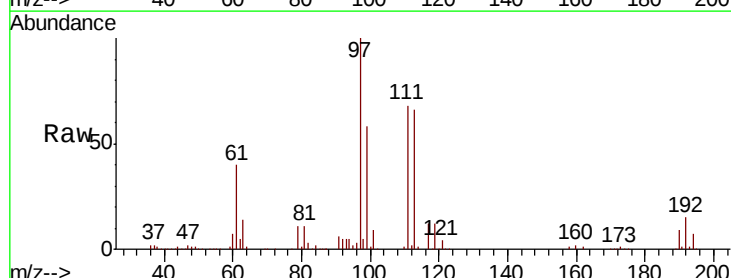
Manual Integrations
APPROVED

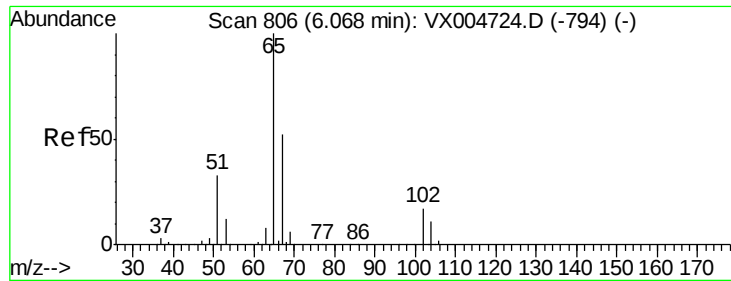
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#32
1,1,1-Trichloroethane
Concen: 52.033 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX005067.D
Acq: 05 Oct 2018 13:51

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	54.6	82.0
61	43.7	37.5	56.3





#33

1,2-Dichloroethane-d4

Concen: 50.311 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX005067.D

Acq: 05 Oct 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 158381

Ion Ratio Lower Upper

65 100

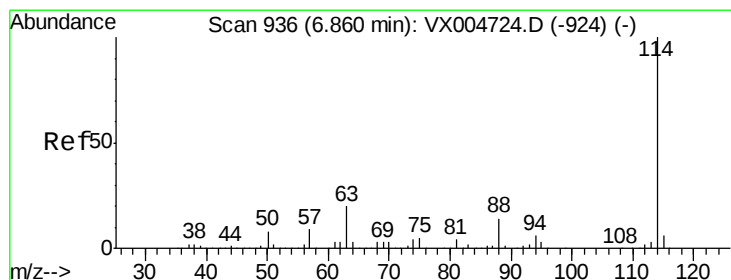
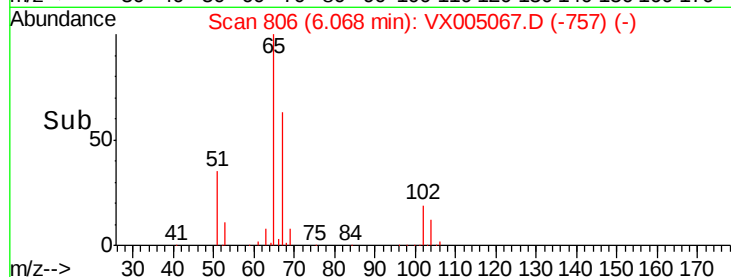
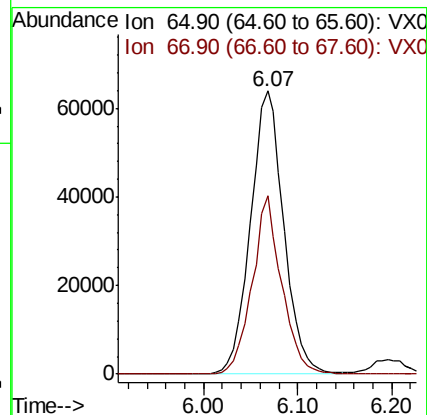
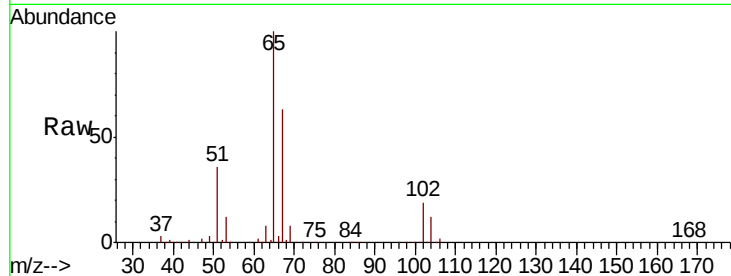
67 55.8 0.0 107.4

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX005067.D

Acq: 05 Oct 2018 13:51

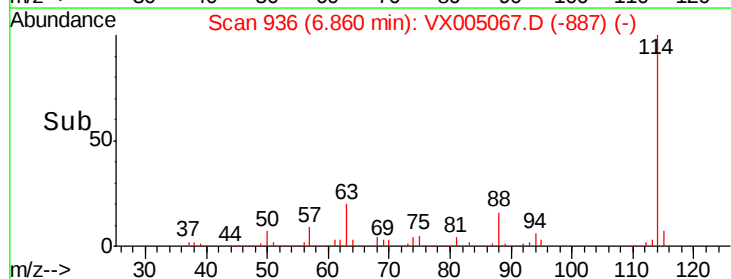
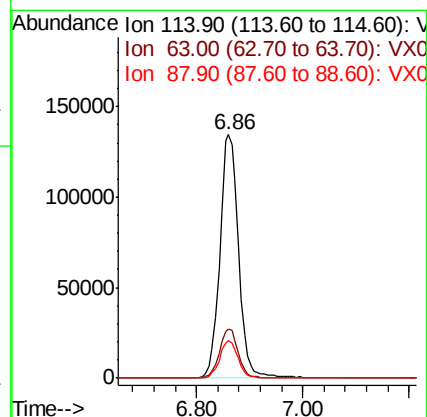
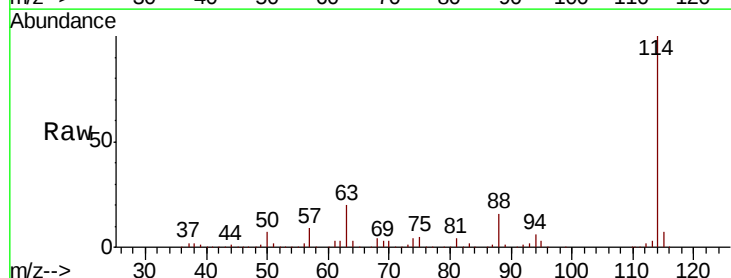
Tgt Ion: 114 Resp: 329451

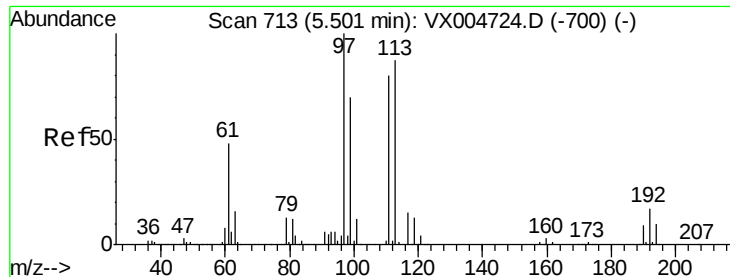
Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.8

88 15.7 0.0 27.0





#35

Dibromofluoromethane

Concen: 46.145 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX005067.D

Acq: 05 Oct 2018 13:51

Instrument :

MSVOA_X

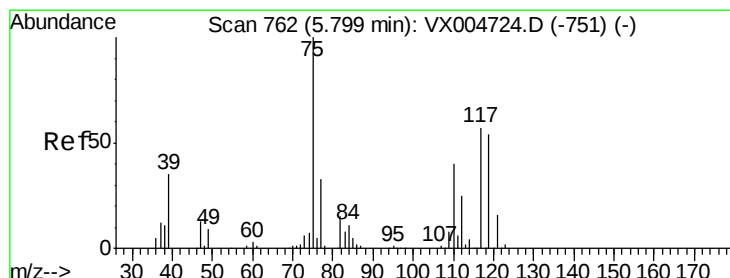
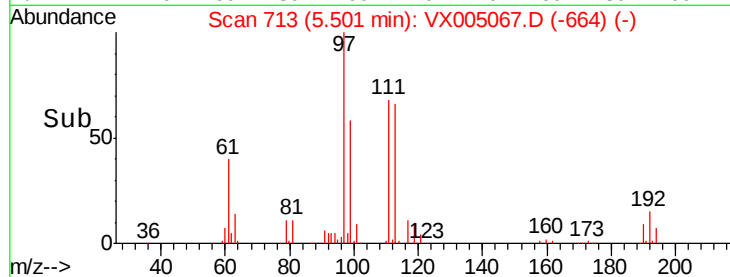
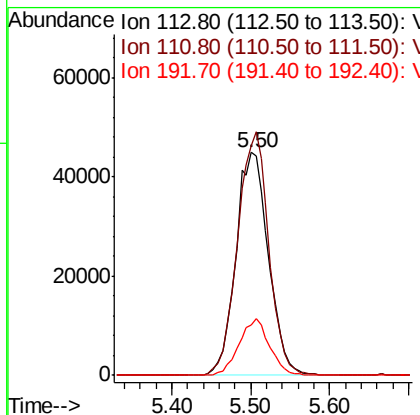
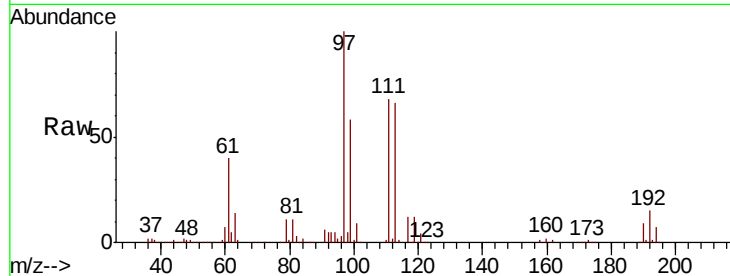
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	105.1	77.0	115.4
192	23.7	17.0	25.6

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 45.562 ug/l

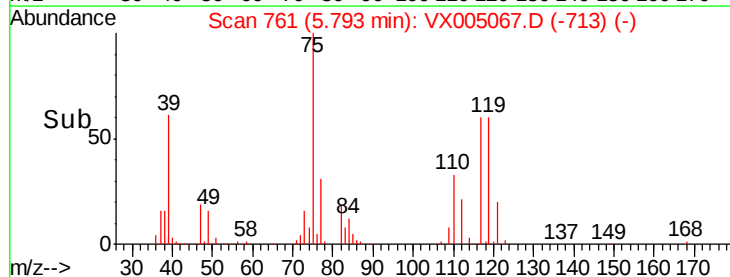
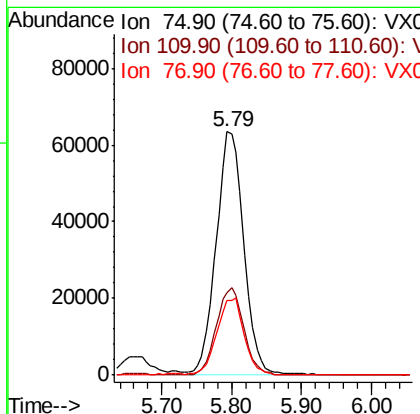
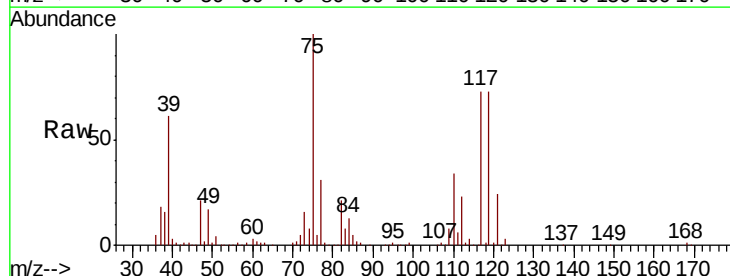
RT: 5.79 min Scan# 761

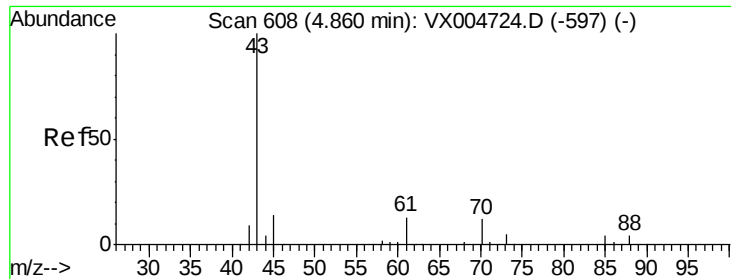
Delta R.T. -0.01 min

Lab File: VX005067.D

Acq: 05 Oct 2018 13:51

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.6	20.0	59.9
77	31.4	27.1	40.7





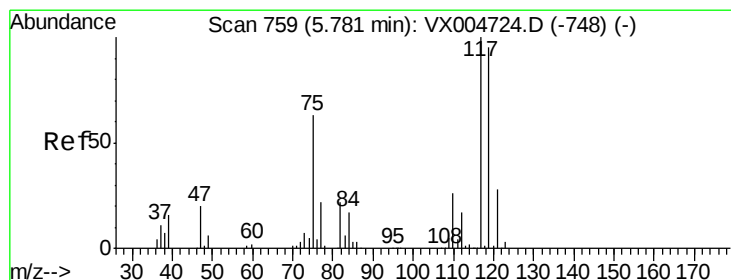
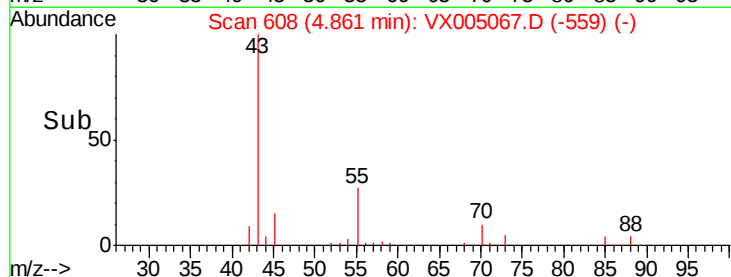
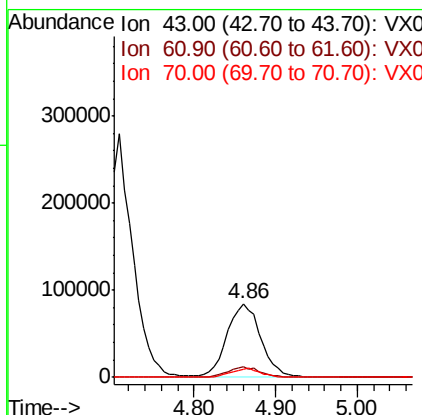
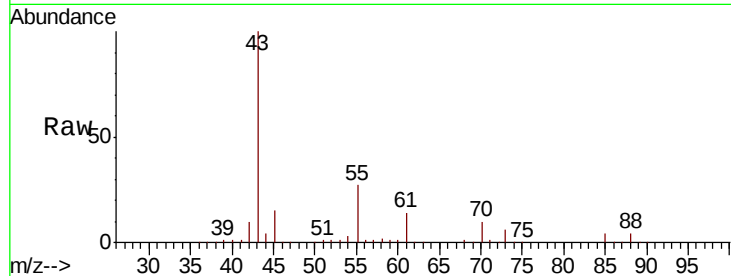
#37
Ethyl Acetate
Concen: 47.710 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX005067.D
Acq: 05 Oct 2018 13:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.4	15.6
70	10.7	8.7	13.1

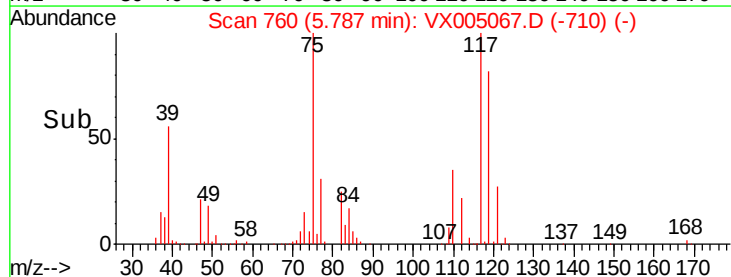
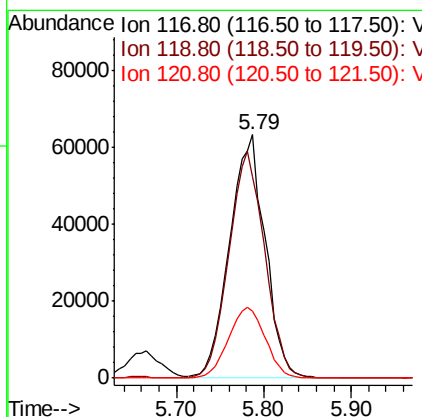
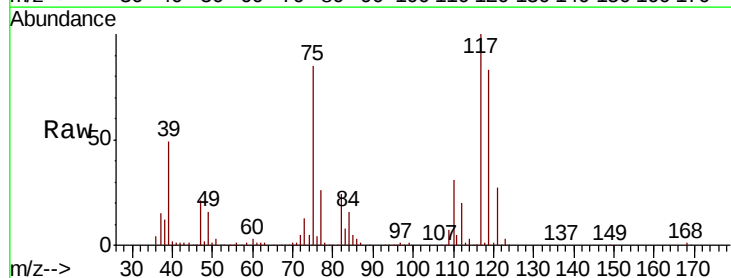
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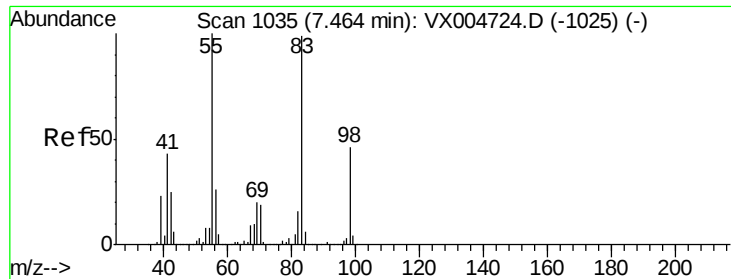
apatel
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#38
Carbon Tetrachloride
Concen: 44.539 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX005067.D
Acq: 05 Oct 2018 13:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	82.7	75.2	112.8
121	27.5	22.5	33.7





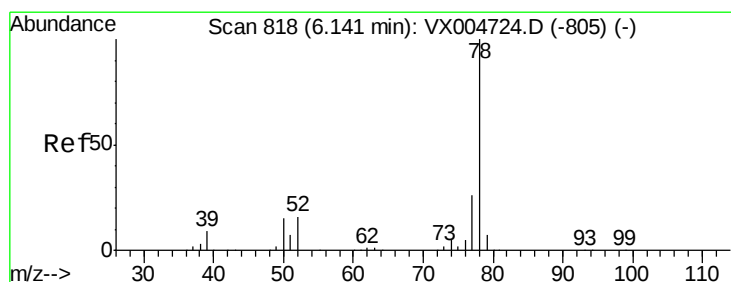
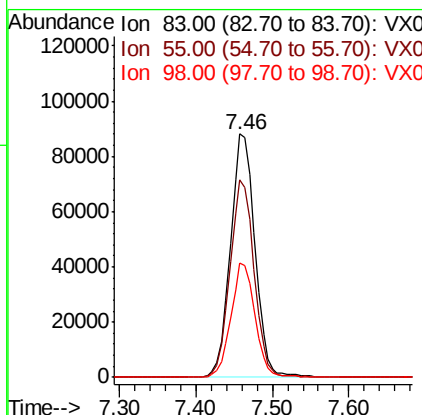
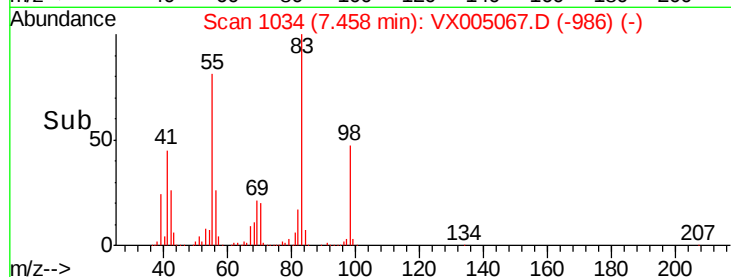
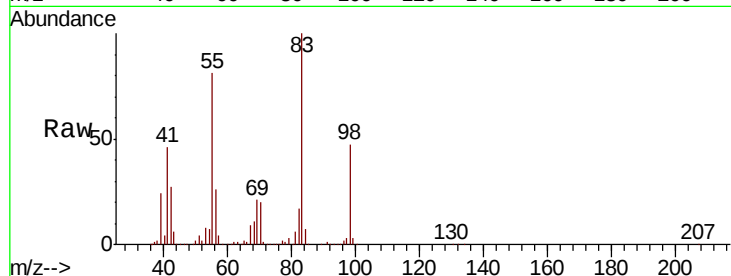
#39
Methvlcvclohexane
Concen: 50.235 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX005067.D
Acq: 05 Oct 2018 13:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	195411		
55	81.0		81.1	121.7#
98	46.7		37.3	55.9

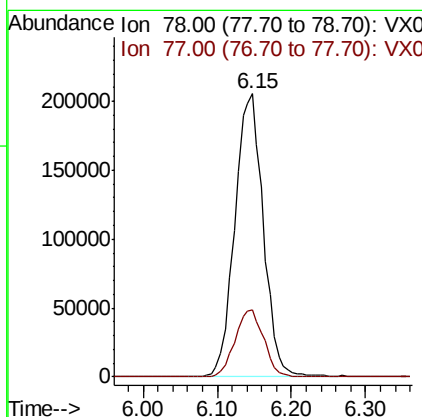
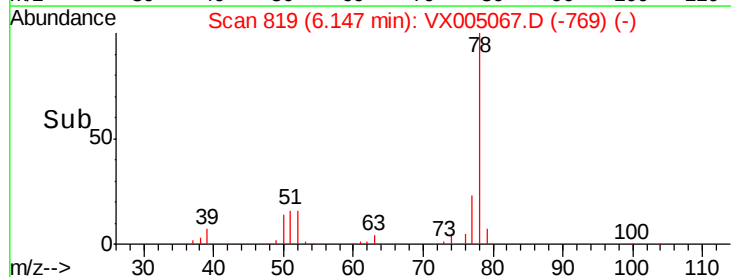
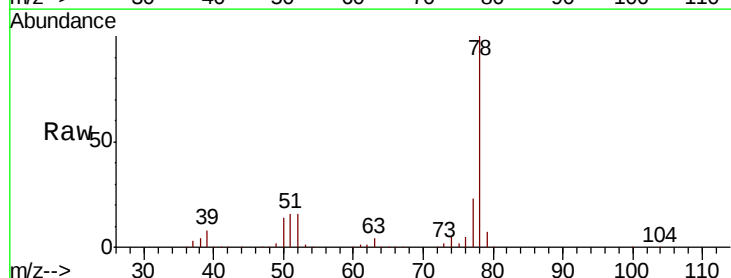
Manual Integrations
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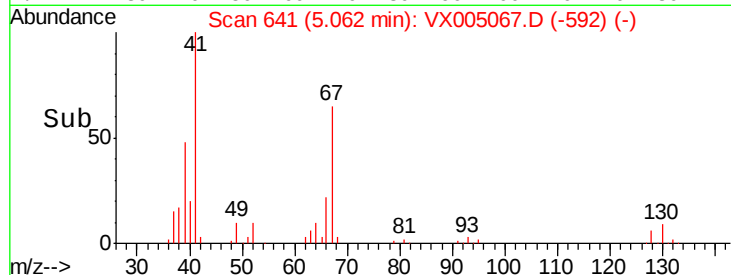
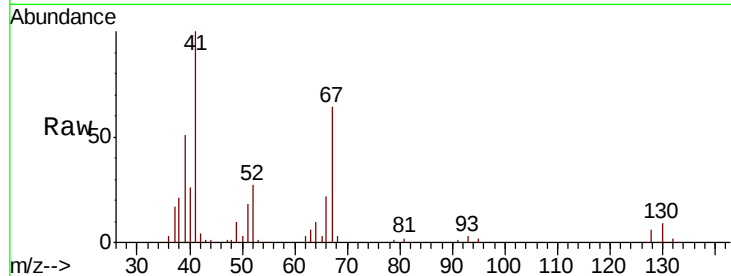
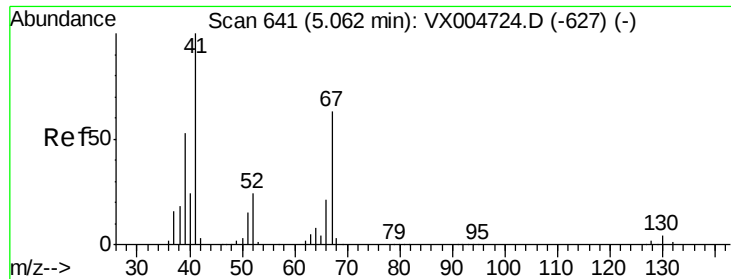
apatel
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#40
Benzene
Concen: 46.146 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX005067.D
Acq: 05 Oct 2018 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	550359		
77	23.5		21.0	31.4





#41

Methacrylonitrile

Concen: 50.580 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.00 min

Lab File: VX005067.D

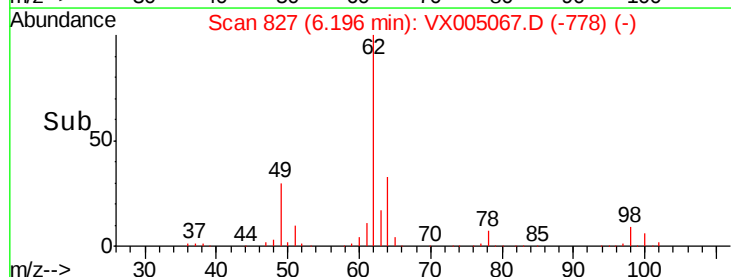
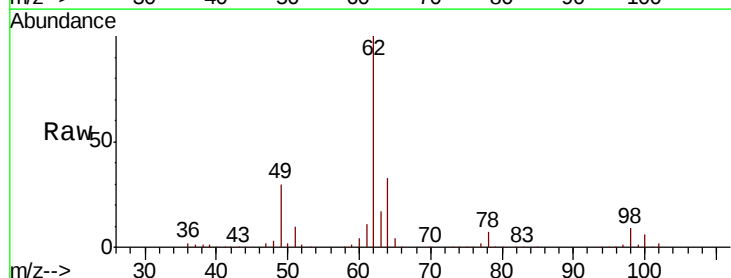
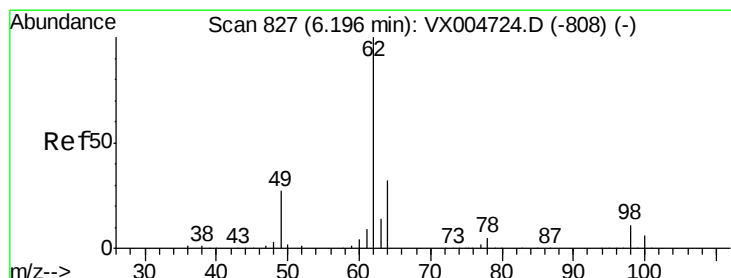
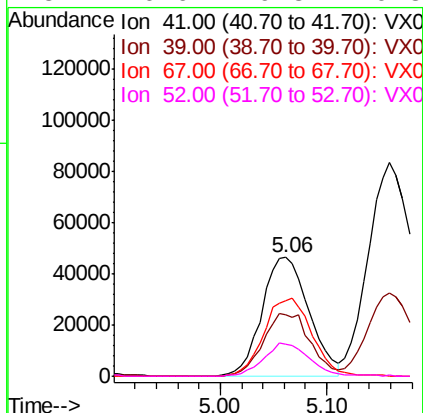
Acq: 05 Oct 2018 13:51

Tot Ion:	41	Resp:	141844
Ion	Ratio	Lower	Upper
41	100		
39	52.6	42.5	63.7
67	67.2	53.0	79.6
52	26.6	19.8	29.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 46.832 ug/l

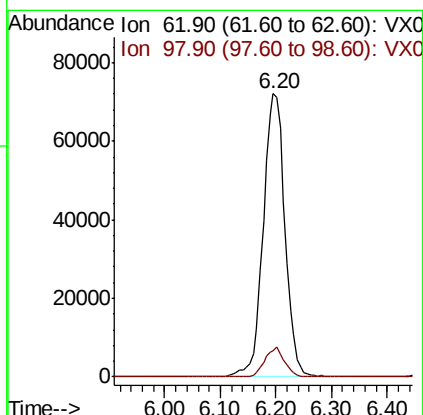
RT: 6.20 min Scan# 827

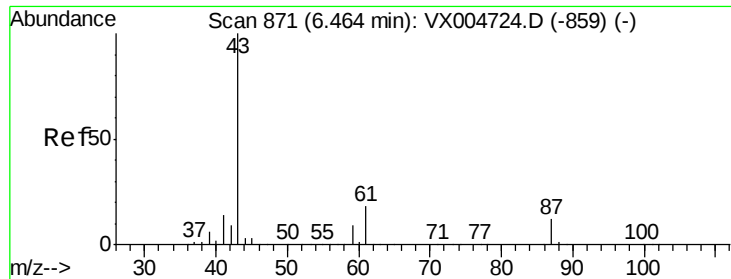
Delta R.T. 0.00 min

Lab File: VX005067.D

Acq: 05 Oct 2018 13:51

Tgt Ion:	62	Resp:	197447
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	20.2





#43

Isopropyl Acetate

Concen: 50.151 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX005067.D

Acq: 05 Oct 2018 13:51

Instrument :

MSVOA_X

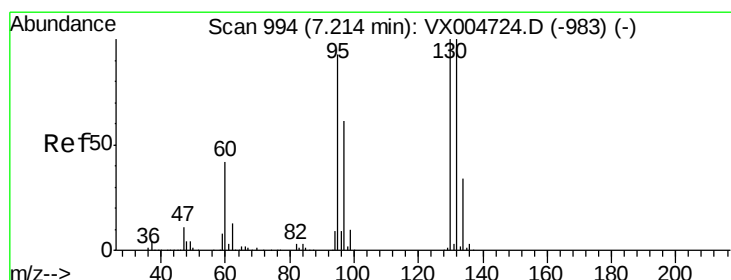
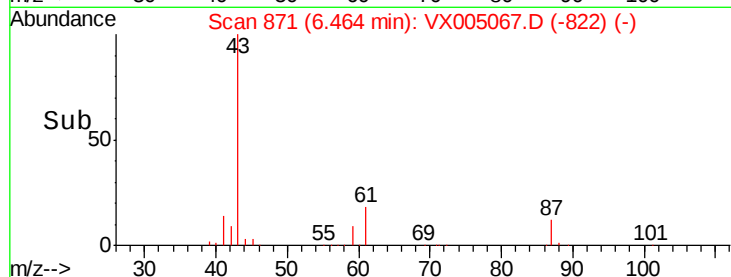
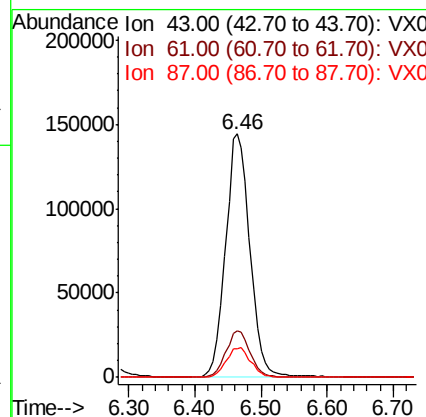
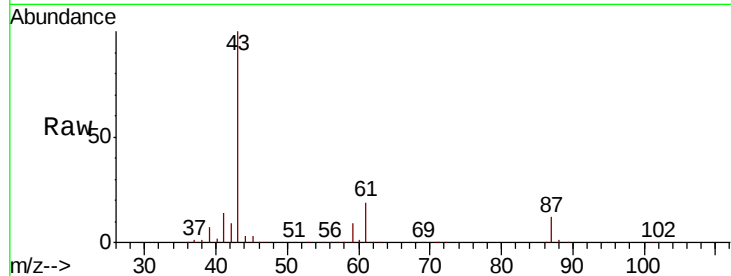
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	366032
Ion	Ratio	Lower	Upper
43	100		
61	19.3	14.2	21.4
87	12.4	9.3	13.9

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#44

Trichloroethene

Concen: 47.882 ug/l

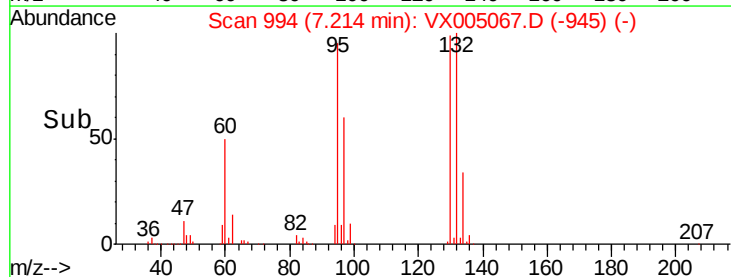
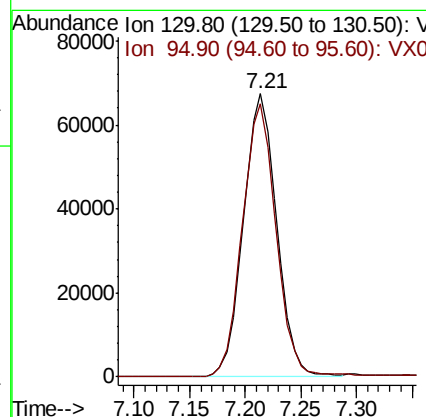
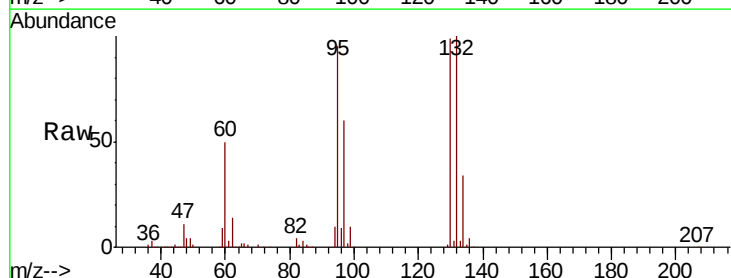
RT: 7.21 min Scan# 994

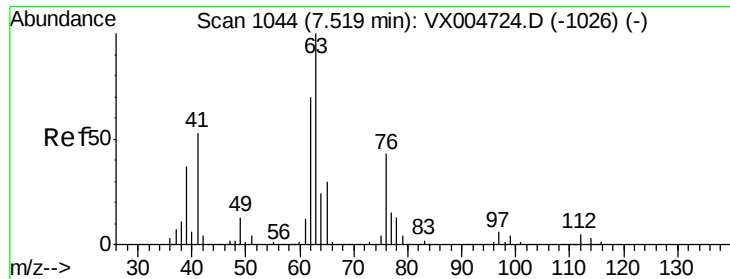
Delta R.T. 0.00 min

Lab File: VX005067.D

Acq: 05 Oct 2018 13:51

Tgt Ion:	130	Resp:	140383
Ion	Ratio	Lower	Upper
130	100		
95	96.4	0.0	186.8





#45

1,2-Dichloropropane

Concen: 49.934 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX005067.D

Acq: 05 Oct 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 146043

Ion Ratio Lower Upper

63 100

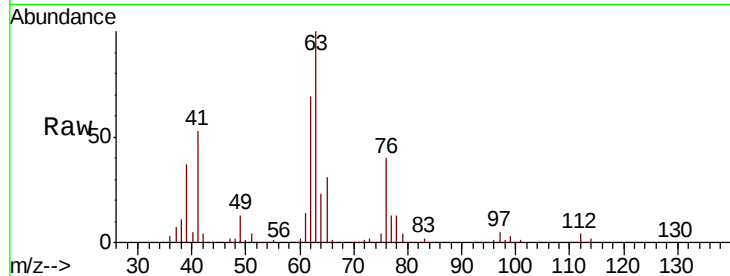
65 30.8 23.9 35.9

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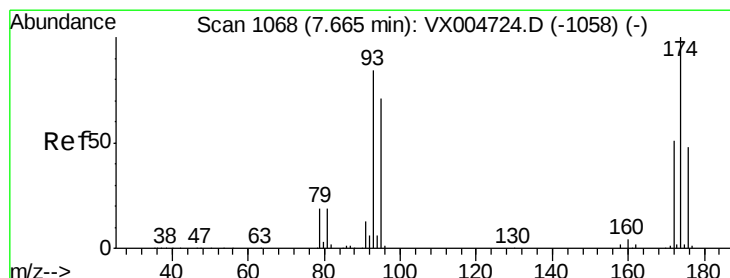
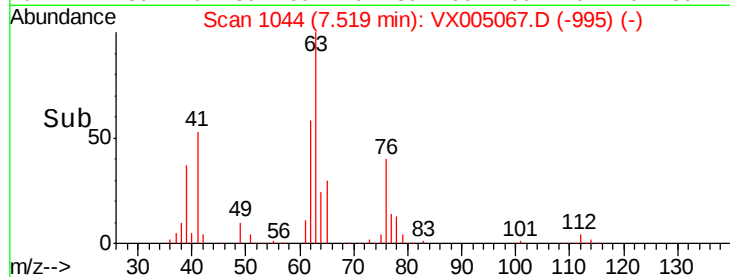
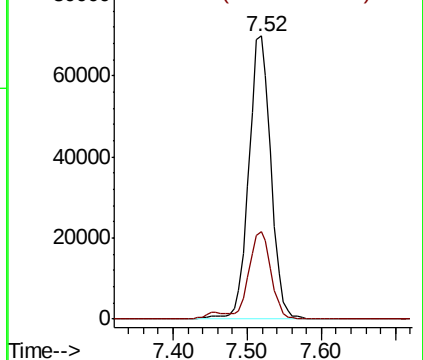
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 50.694 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VX005067.D

Acq: 05 Oct 2018 13:51

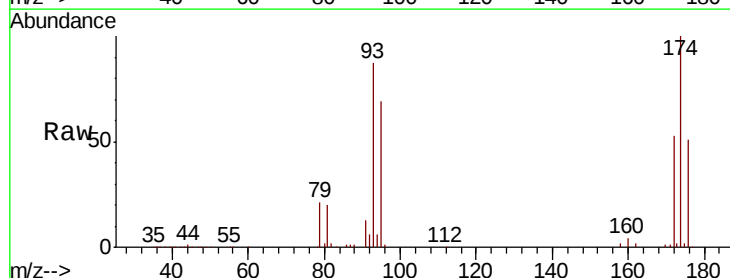
Tgt Ion: 93 Resp: 93180

Ion Ratio Lower Upper

93 100

95 82.9 66.7 100.1

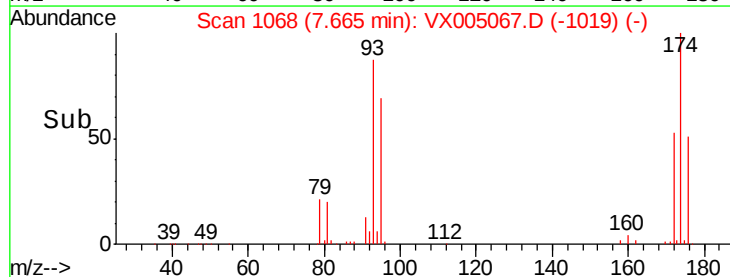
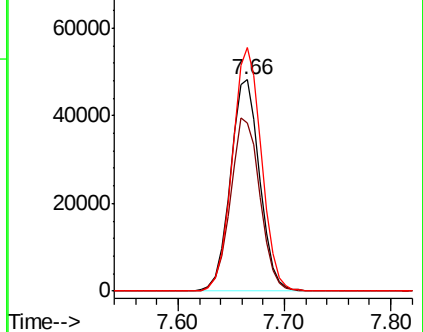
174 114.6 92.7 139.1

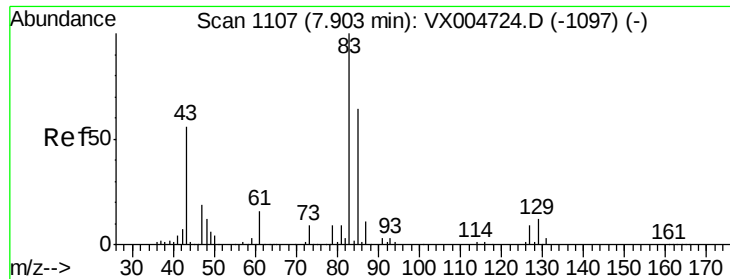


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.051 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VX005067.D

Acq: 05 Oct 2018 13:51

Instrument :

MSVOA_X

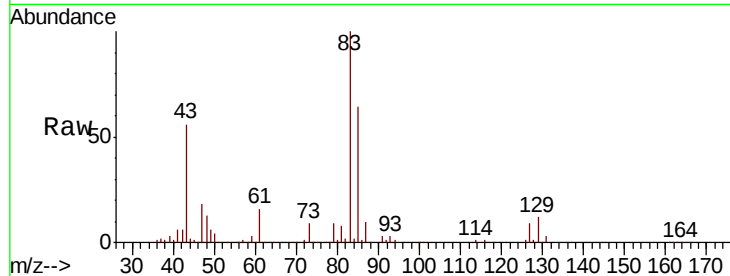
ClientSampleId :

VSTDCCC050EC

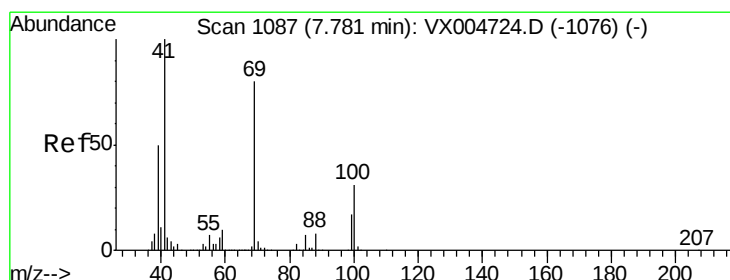
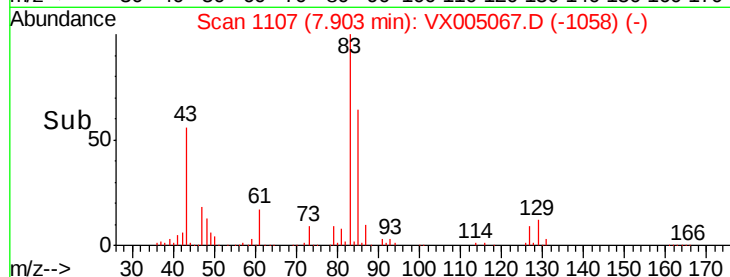
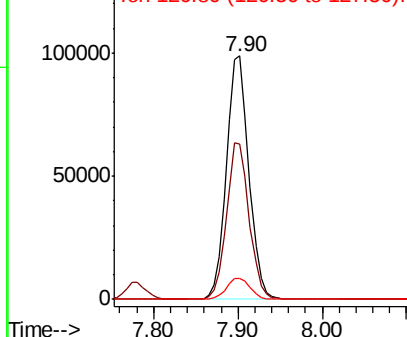
Tot Ion:	83	Resp:	179128
Ion Ratio	Lower	Upper	
83	100		
85	63.9	51.2	76.8
127	8.8	7.0	10.6

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 56.700 ug/l

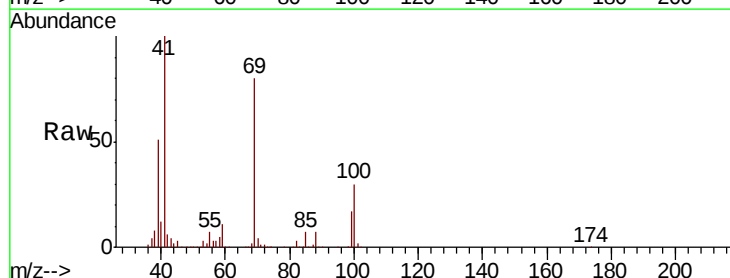
RT: 7.78 min Scan# 1087

Delta R.T. 0.00 min

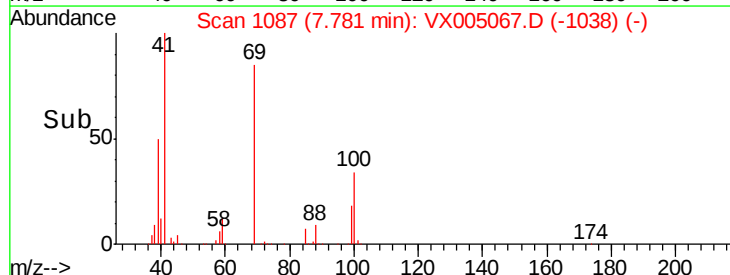
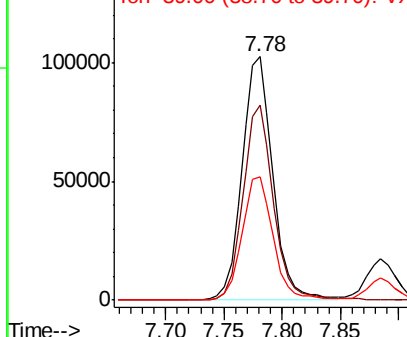
Lab File: VX005067.D

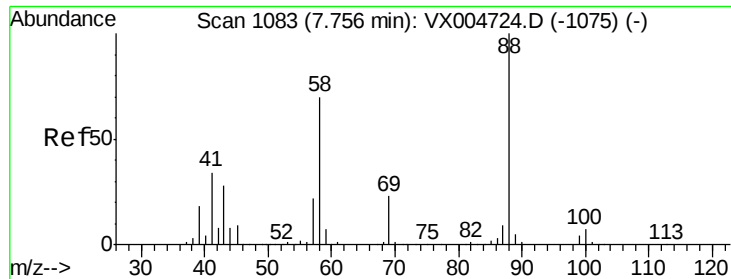
Acq: 05 Oct 2018 13:51

Tgt Ion:	41	Resp:	187834
Ion Ratio	Lower	Upper	
41	100		
69	79.9	63.8	95.6
39	51.0	40.7	61.1



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





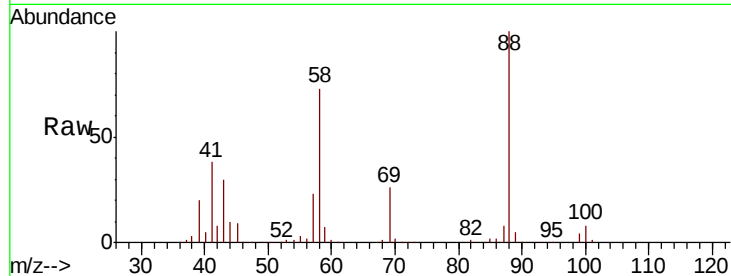
#49
1,4-Dioxane
Concen: 993.186 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VX005067.D
Acq: 05 Oct 2018 13:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.7	25.1	37.7
58	73.7	56.2	84.2

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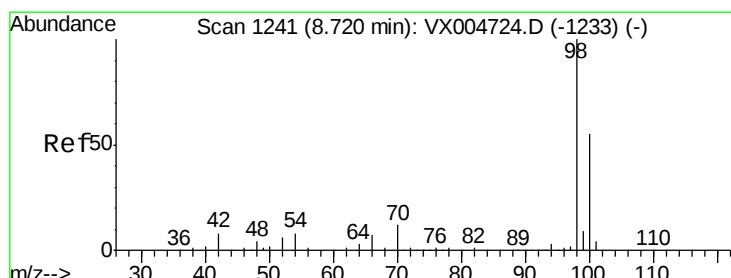
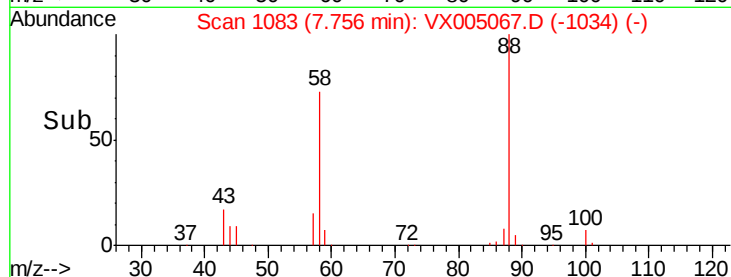
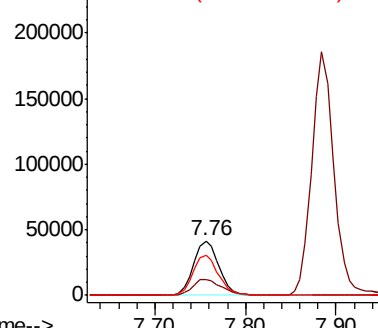


Abundance

Ion 88.00 (87.70 to 88.70): VX0

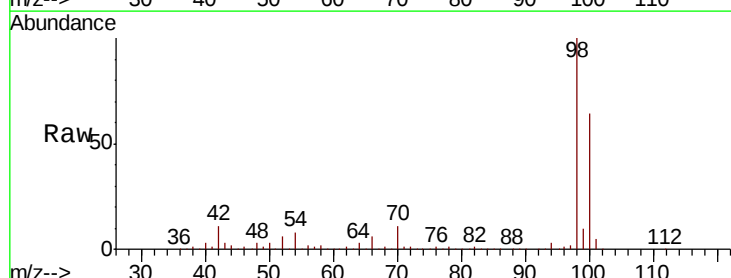
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 50.884 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX005067.D
Acq: 05 Oct 2018 13:51

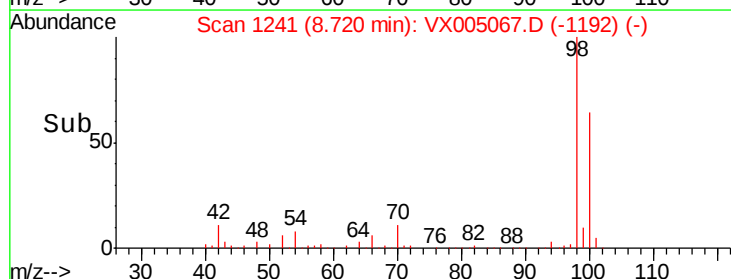
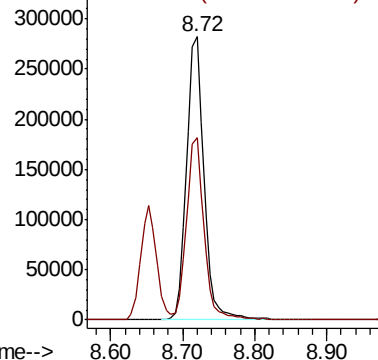
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.9	77.9

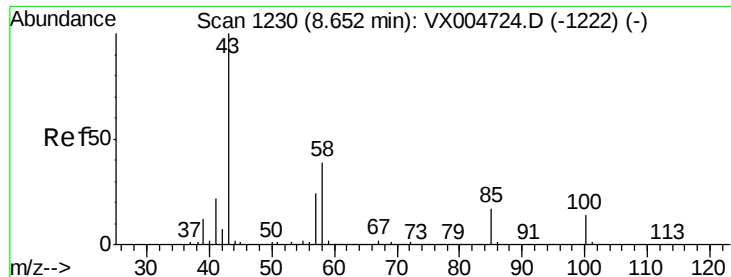


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





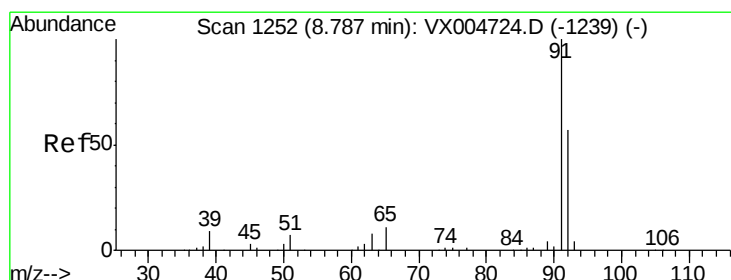
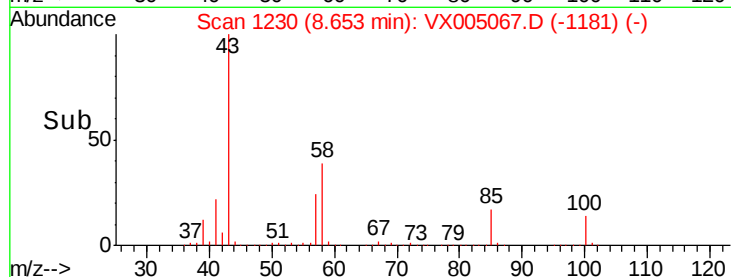
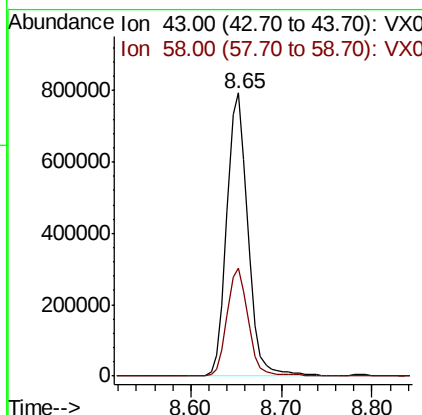
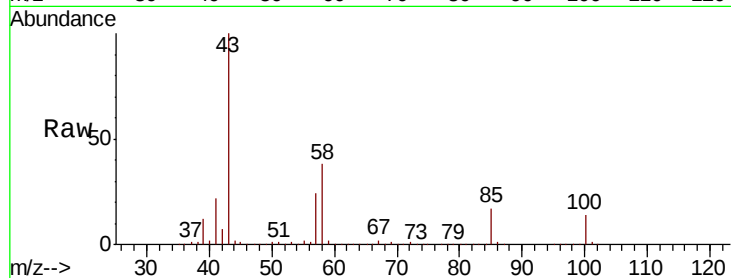
#51
4-Methyl-2-Pentanone
Concen: 279.929 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VX005067.D
Acq: 05 Oct 2018 13:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1286437
Ion Ratio Lower Upper
43 100
58 38.6 30.5 45.7

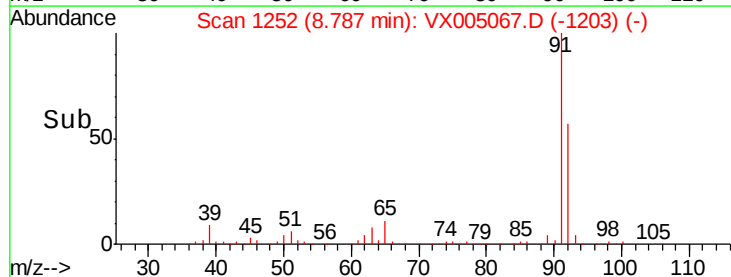
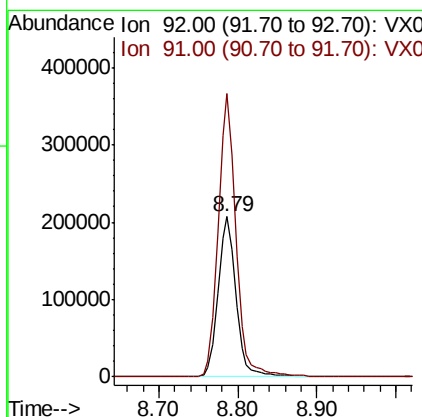
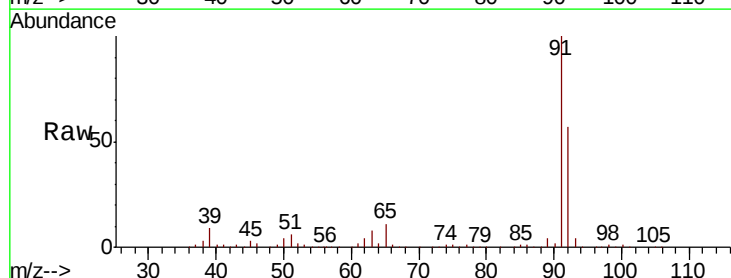
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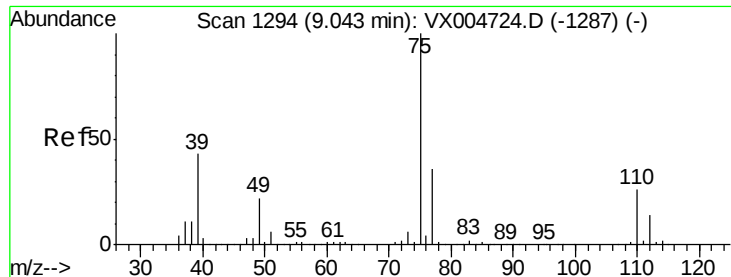
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#52
Toluene
Concen: 50.560 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX005067.D
Acq: 05 Oct 2018 13:51

Tgt Ion: 92 Resp: 331341
Ion Ratio Lower Upper
92 100
91 174.7 136.7 205.1





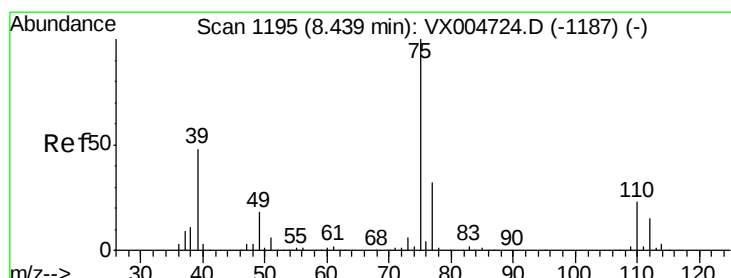
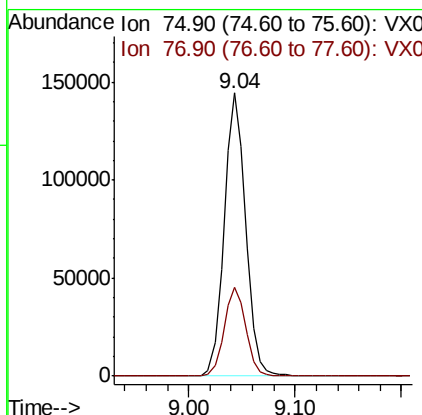
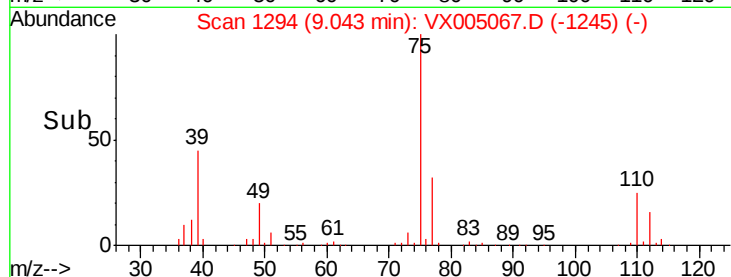
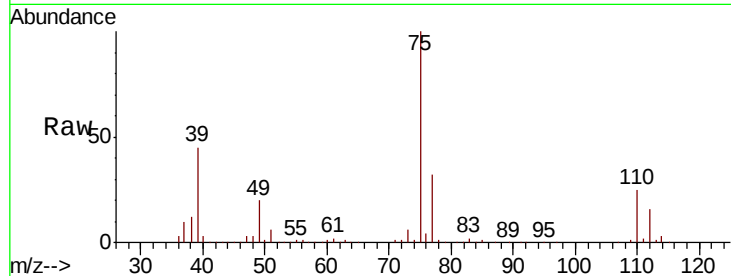
#53
t-1,3-Dichloropropene
Concen: 52.238 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX005067.D
Acq: 05 Oct 2018 13:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 203149
Ion Ratio Lower Upper
75 100
77 31.5 28.9 43.3

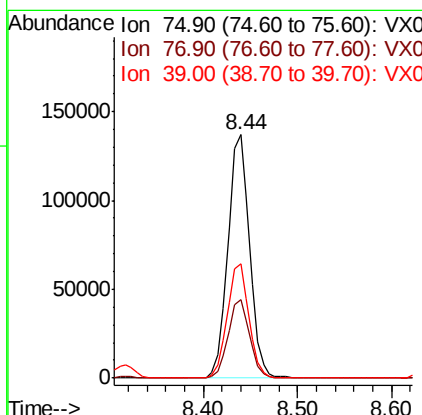
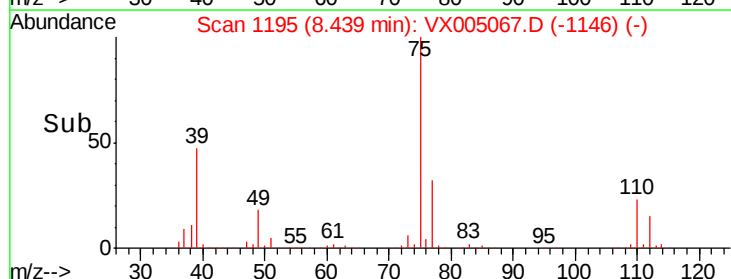
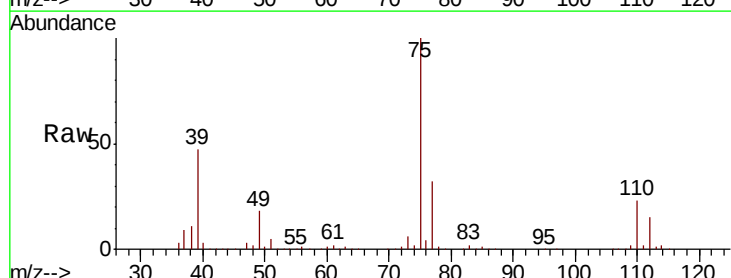
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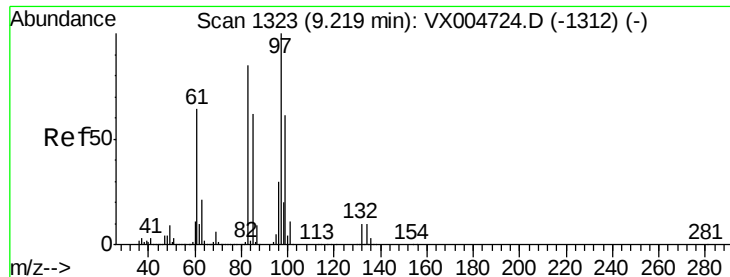
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#54
cis-1,3-Dichloropropene
Concen: 53.633 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. 0.00 min
Lab File: VX005067.D
Acq: 05 Oct 2018 13:51

Tgt Ion: 75 Resp: 218466
Ion Ratio Lower Upper
75 100
77 32.2 25.7 38.5
39 47.1 38.3 57.5





#55

1,1,2-Trichloroethane

Concen: 49.510 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX005067.D

Acq: 05 Oct 2018 13:51

Instrument :

MSVOA_X

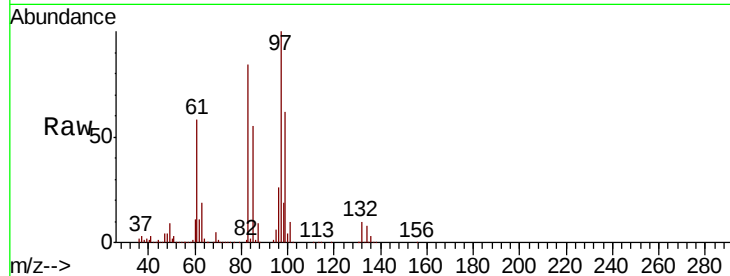
ClientSampleId :

VSTDCCC050EC

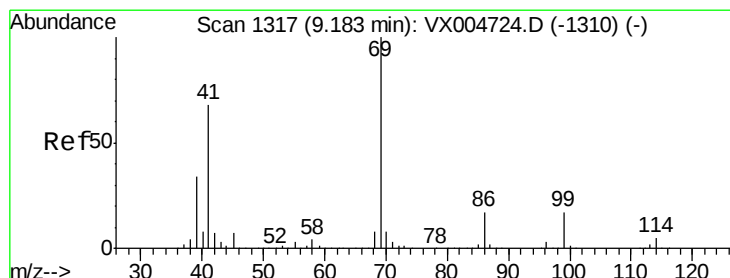
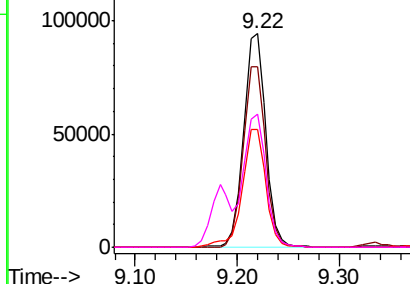
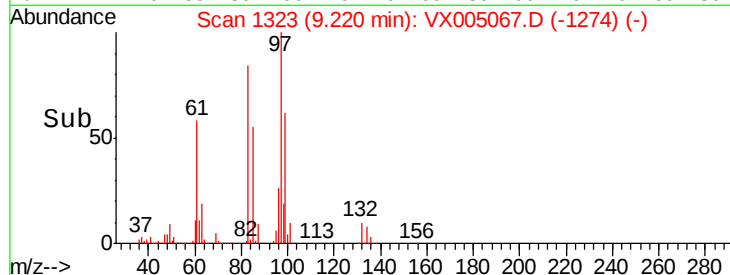
Tot Ion	Ratio	Lower	Upper
97	100		
83	84.4	68.2	102.2
85	55.2	49.9	74.9
99	62.1	48.9	73.3

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Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 48.837 ug/l

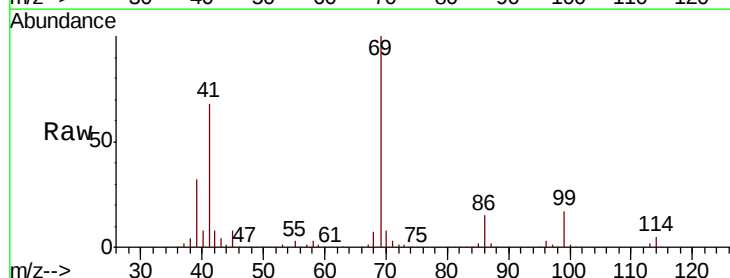
RT: 9.18 min Scan# 1317

Delta R.T. 0.00 min

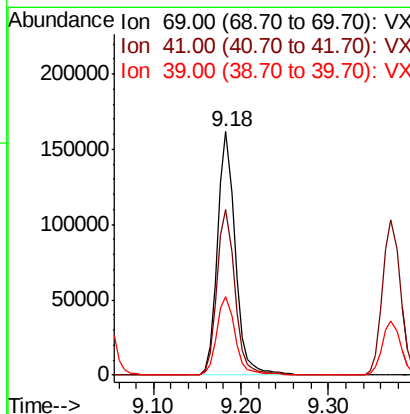
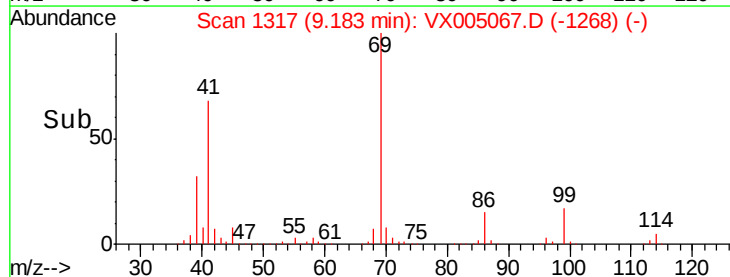
Lab File: VX005067.D

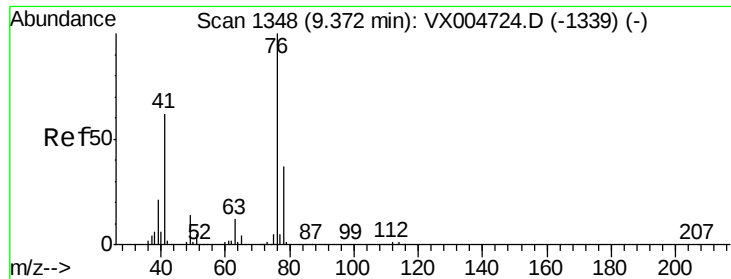
Acq: 05 Oct 2018 13:51

Tgt Ion	Ratio	Lower	Upper
69	100		
41	69.3	56.9	85.3
39	33.4	28.4	42.6



Abundance Ion 69.00 (68.70 to 69.70): VX0
Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 49.752 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX005067.D

Acq: 05 Oct 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 237698

Ion Ratio Lower Upper

76 100

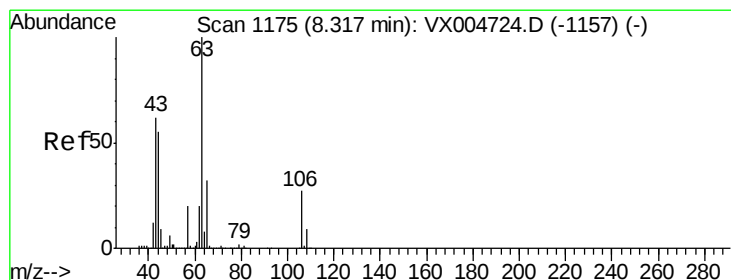
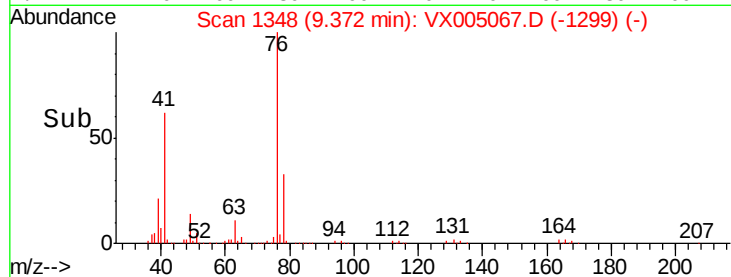
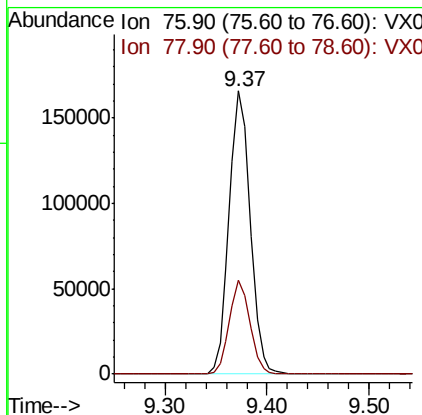
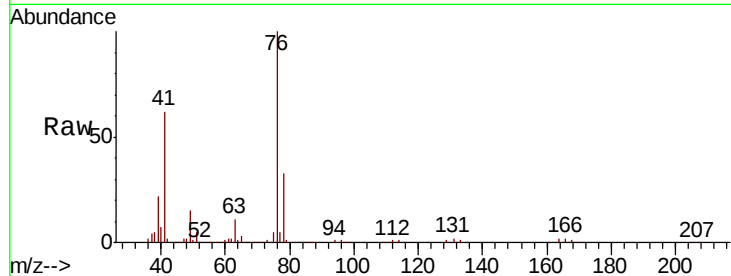
78 32.3 26.6 40.0

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 248.266 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.00 min

Lab File: VX005067.D

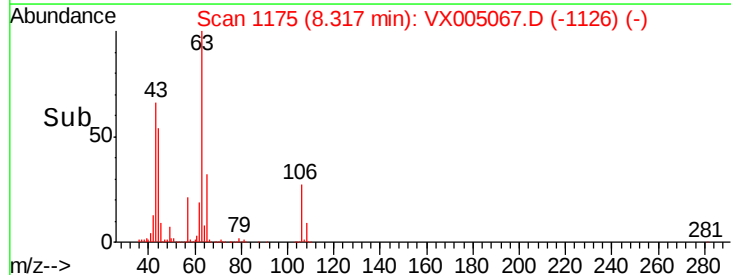
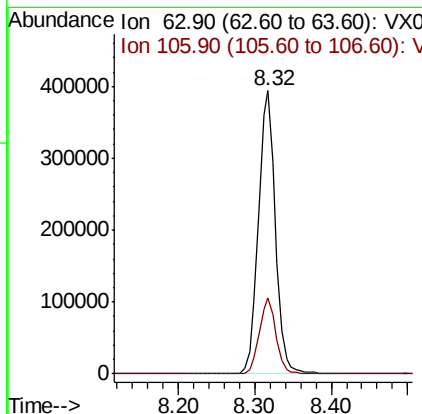
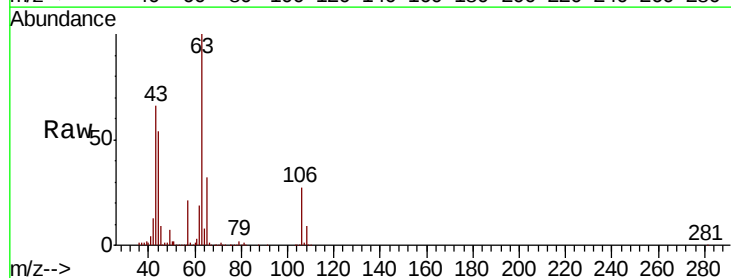
Acq: 05 Oct 2018 13:51

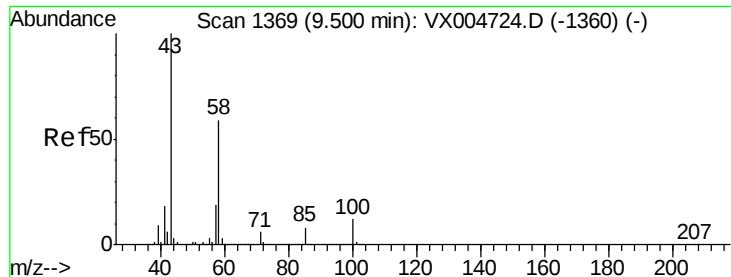
Tgt Ion: 63 Resp: 613808

Ion Ratio Lower Upper

63 100

106 26.5 21.0 31.6





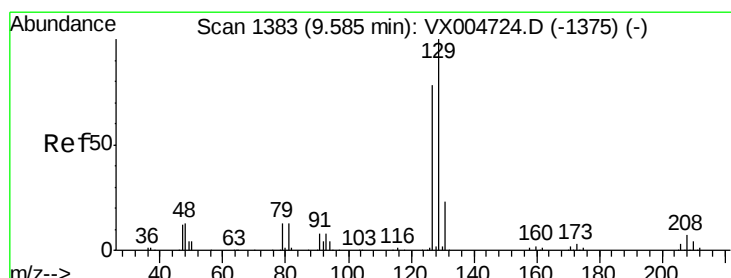
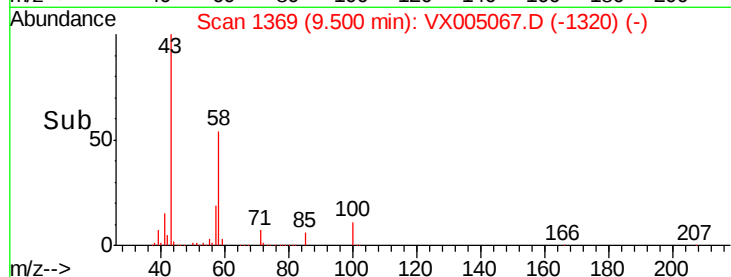
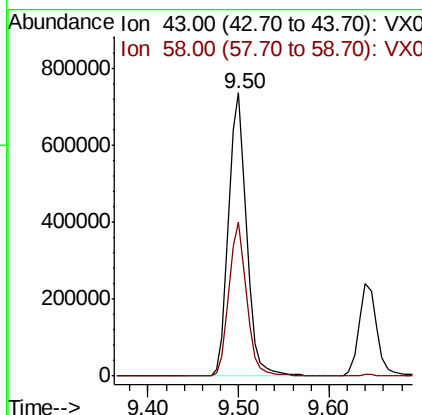
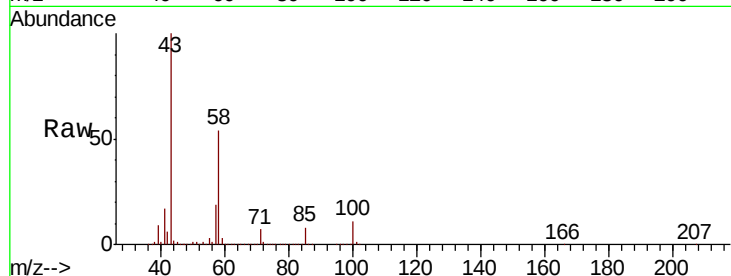
#59
2-Hexanone
Concen: 266.508 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX005067.D
Acq: 05 Oct 2018 13:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1020612
Ion Ratio Lower Upper
43 100
58 53.5 28.4 85.3

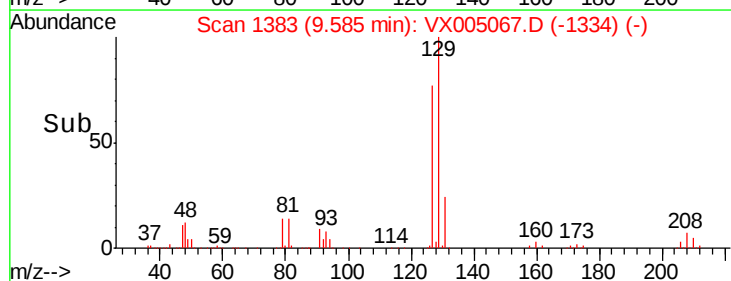
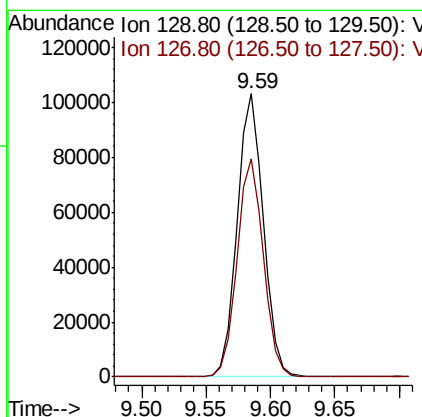
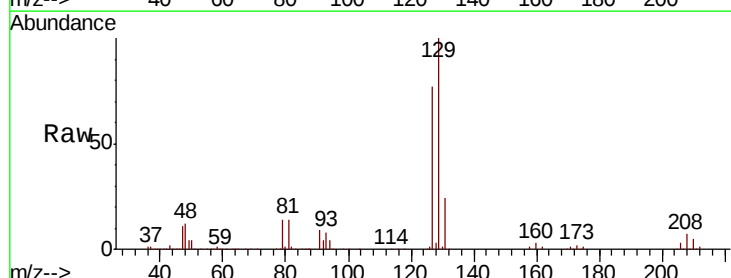
Manual Integrations
APPROVED

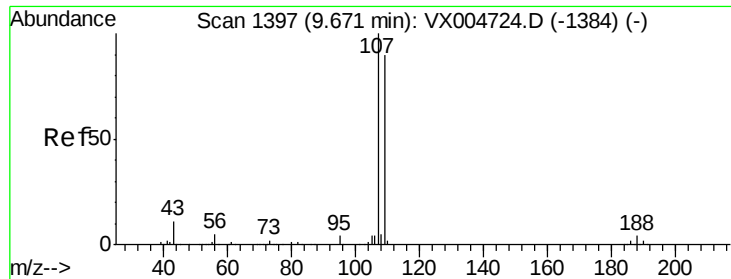
apatel
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#60
Dibromochloromethane
Concen: 50.689 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX005067.D
Acq: 05 Oct 2018 13:51

Tgt Ion: 129 Resp: 145520
Ion Ratio Lower Upper
129 100
127 77.4 39.1 117.2





#61

1,2-Dibromoethane

Concen: 47.776 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX005067.D

Acq: 05 Oct 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 146877

Ion Ratio Lower Upper

107 100

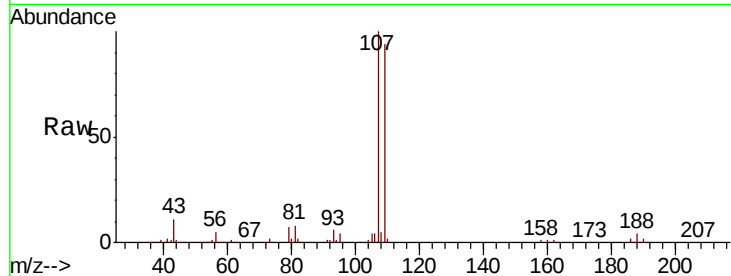
109 93.8 72.1 108.1

Manual Integrations

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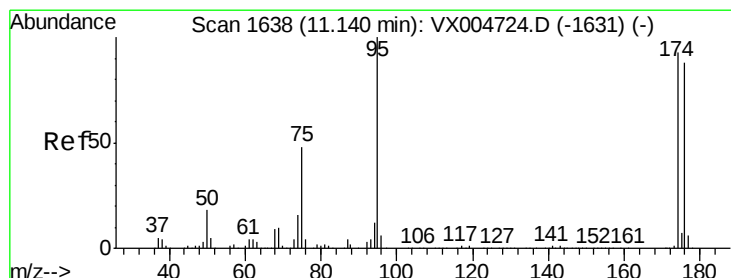
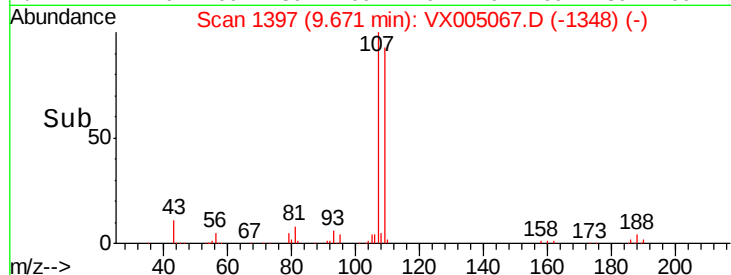
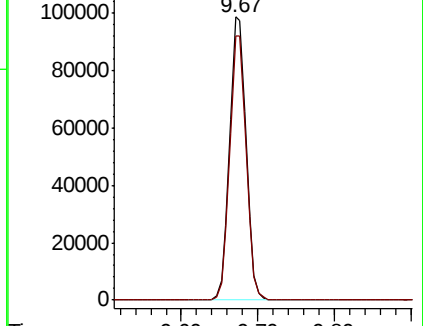
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.621 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005067.D

Acq: 05 Oct 2018 13:51

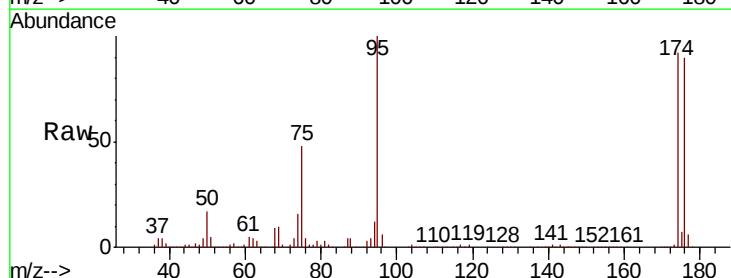
Tgt Ion: 95 Resp: 179310

Ion Ratio Lower Upper

95 100

174 90.6 0.0 185.0

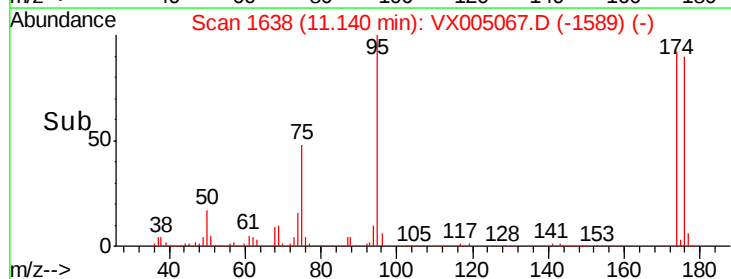
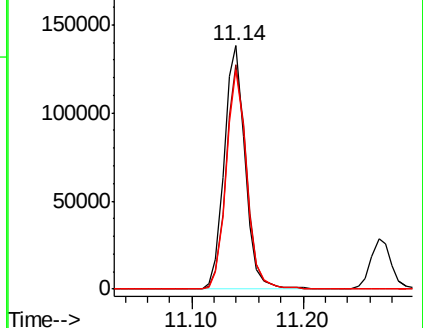
176 88.3 0.0 180.2

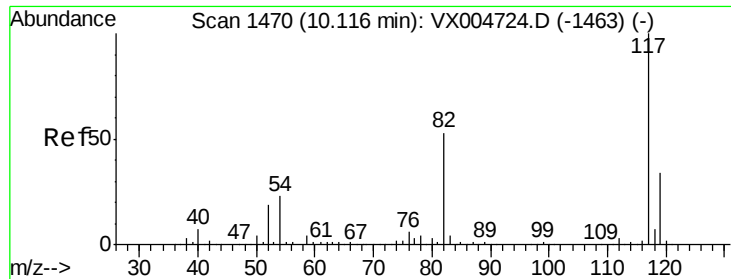


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





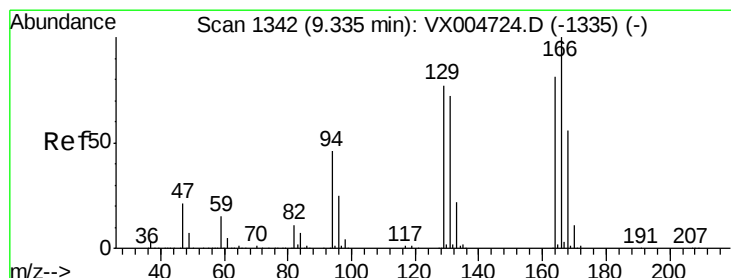
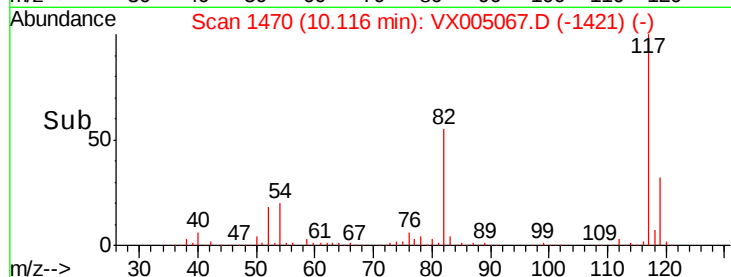
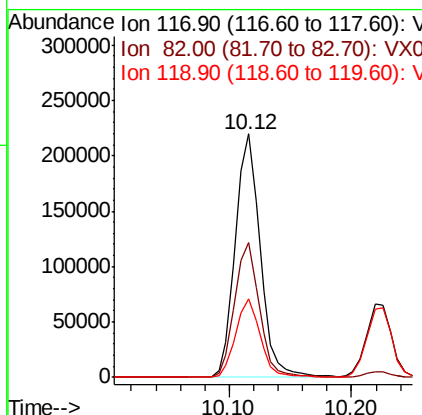
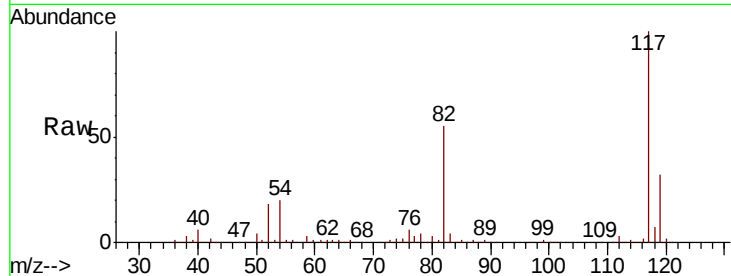
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005067.D
Acq: 05 Oct 2018 13:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.2	42.2	63.4
119	32.3	27.4	41.0

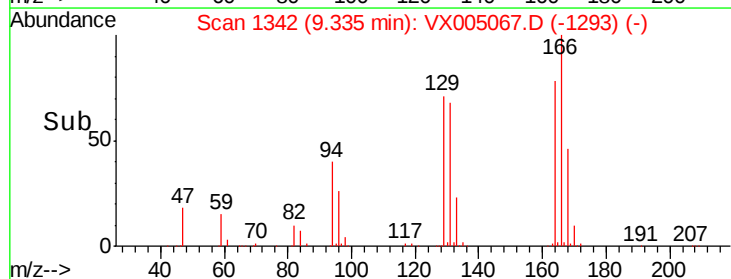
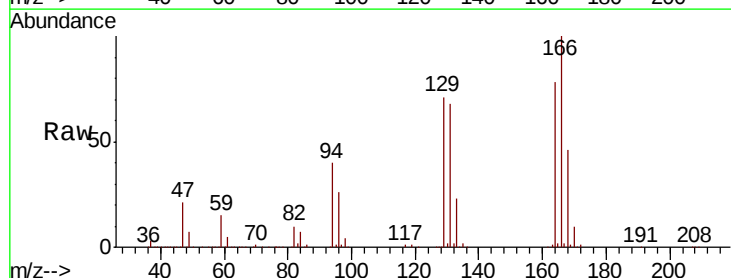
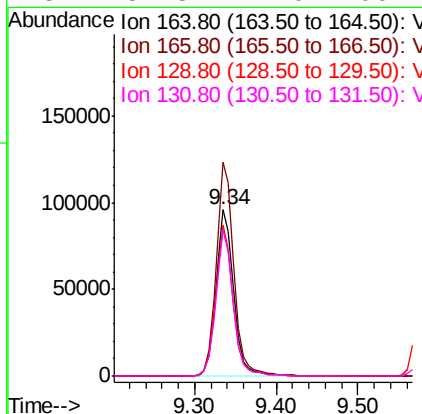
Manual Integrations
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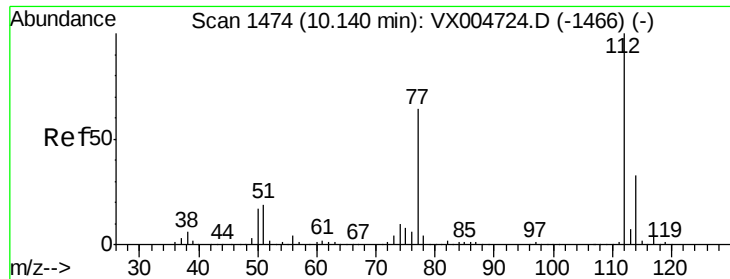
apatel
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#64
Tetrachloroethene
Concen: 48.319 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005067.D
Acq: 05 Oct 2018 13:51

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.4	98.4	147.6
129	90.9	76.1	114.1
131	87.8	71.0	106.4





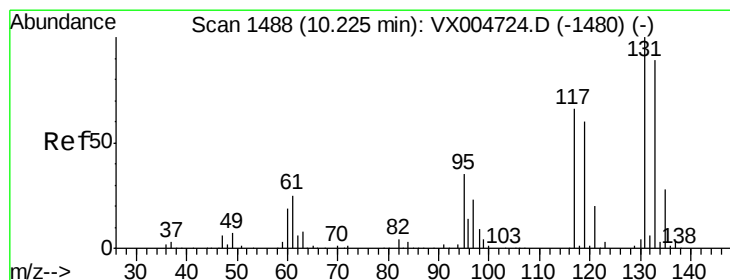
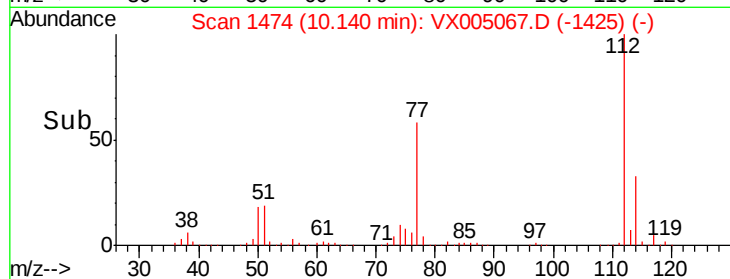
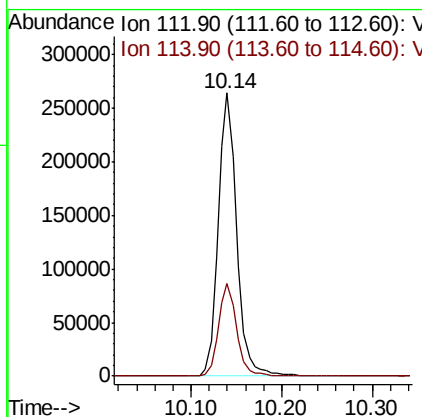
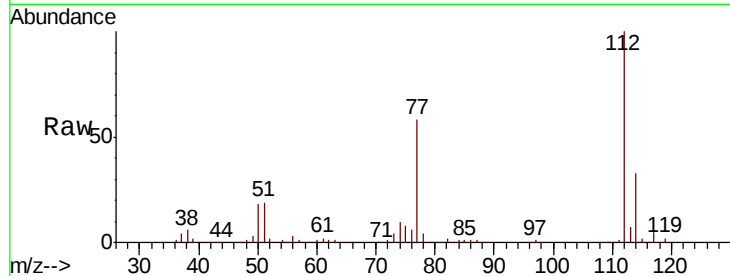
#65
Chlorobenzene
Concen: 47.426 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX005067.D
Acq: 05 Oct 2018 13:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 376074
Ion Ratio Lower Upper
112 100
114 32.6 26.7 40.1

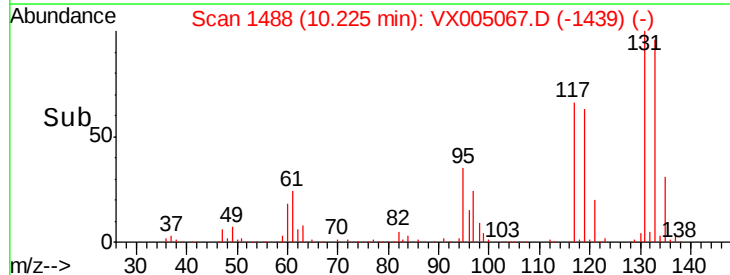
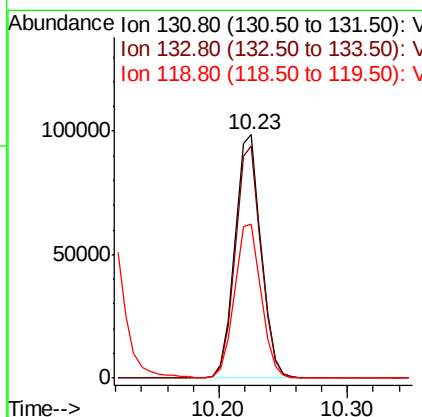
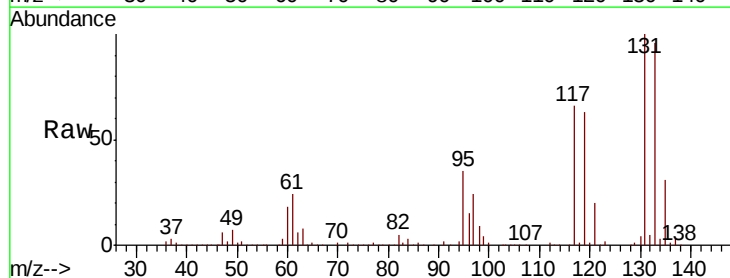
Manual Integrations
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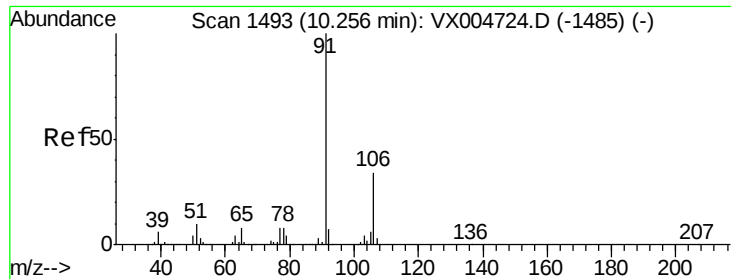
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.937 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VX005067.D
Acq: 05 Oct 2018 13:51

Tgt Ion:131 Resp: 139213
Ion Ratio Lower Upper
131 100
133 94.6 48.4 145.0
119 64.8 32.3 96.8





#67

Ethyl Benzene

Concen: 50.597 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VX005067.D

Acq: 05 Oct 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 636988

Ion Ratio Lower Upper

91 100

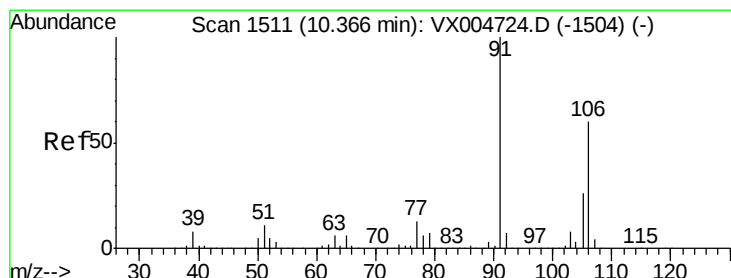
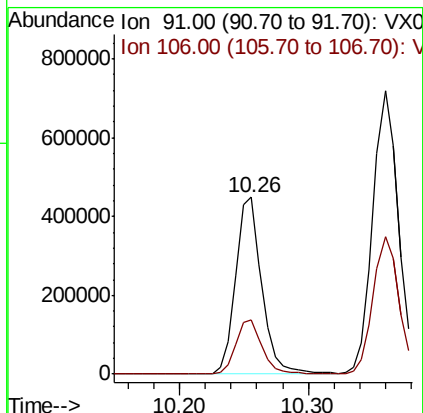
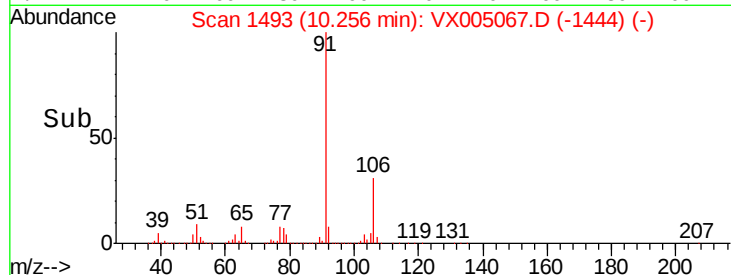
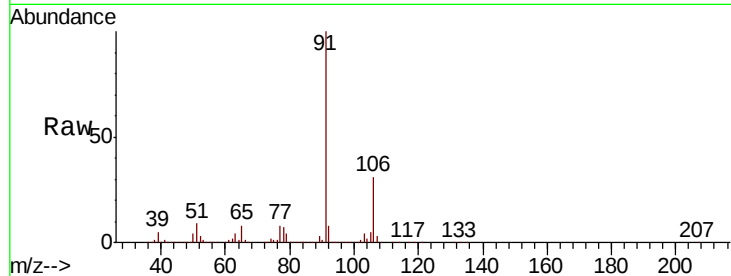
106 30.9 26.9 40.3

Manual Integrations

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#68

m/p-Xylenes

Concen: 100.778 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX005067.D

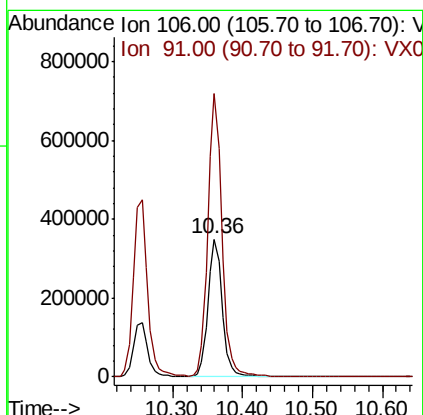
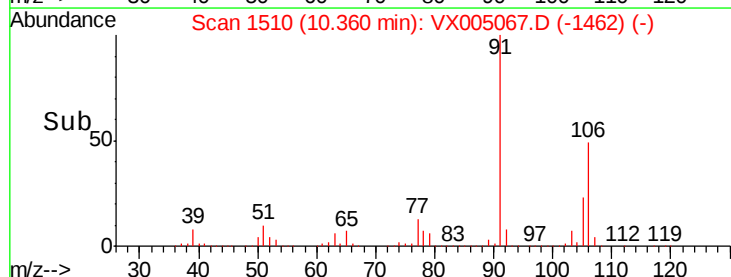
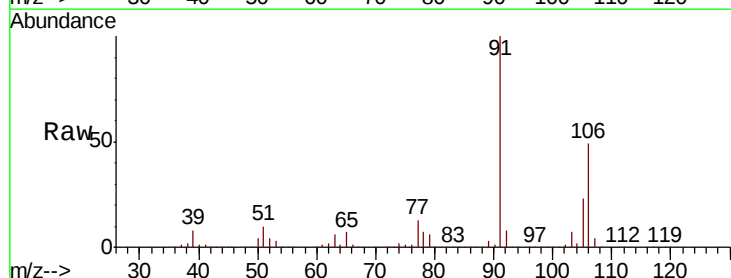
Acq: 05 Oct 2018 13:51

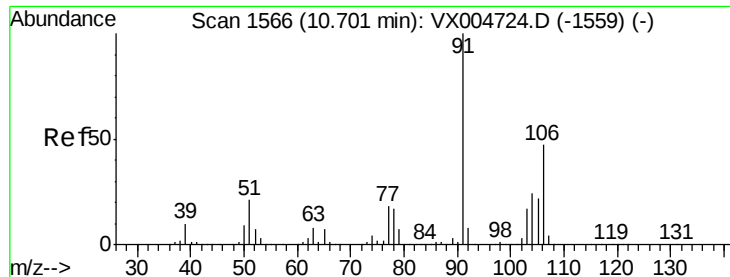
Tgt Ion: 106 Resp: 495786

Ion Ratio Lower Upper

106 100

91 204.6 157.5 236.3





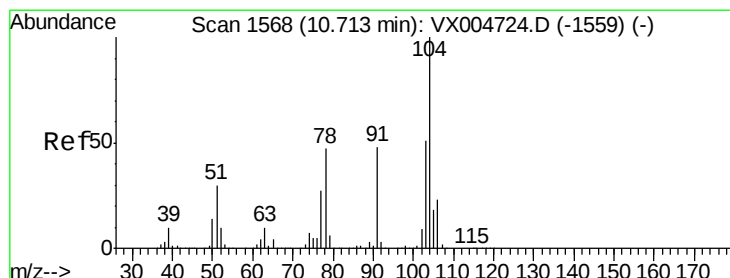
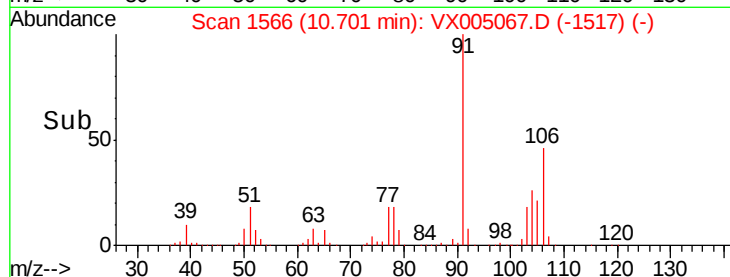
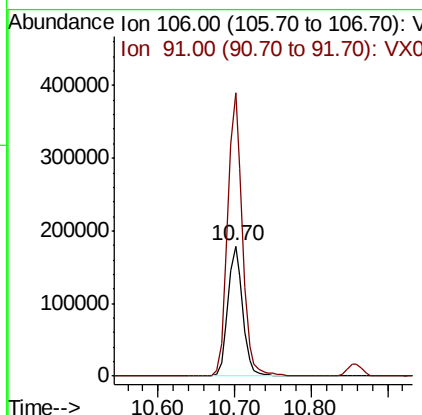
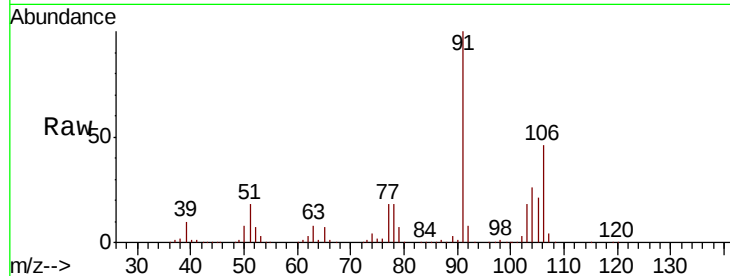
#69
o-Xylene
Concen: 53.349 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005067.D
Acq: 05 Oct 2018 13:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 241066
Ion Ratio Lower Upper
106 100
91 215.3 108.3 324.8

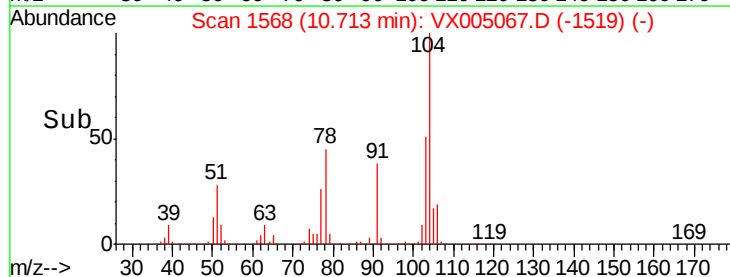
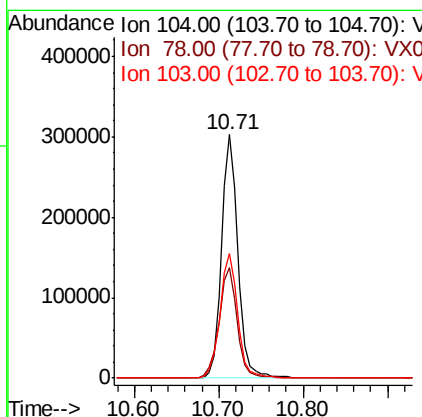
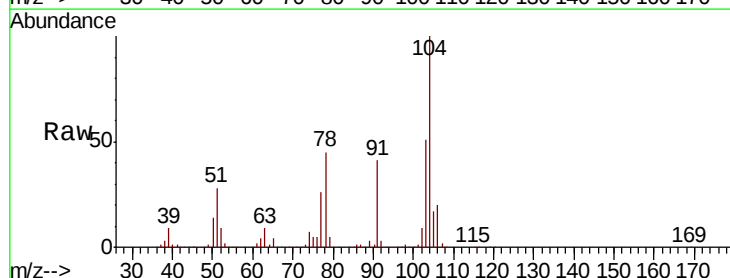
Manual Integrations
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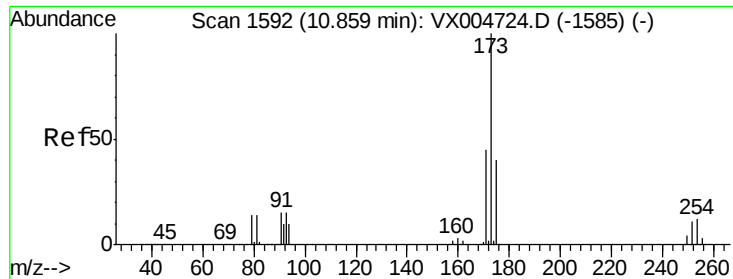
apatel
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#70
Styrene
Concen: 48.442 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX005067.D
Acq: 05 Oct 2018 13:51

Tgt Ion:104 Resp: 408801
Ion Ratio Lower Upper
104 100
78 50.1 40.0 60.0
103 55.8 44.3 66.5





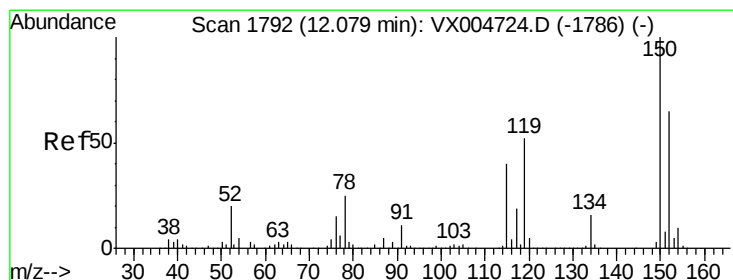
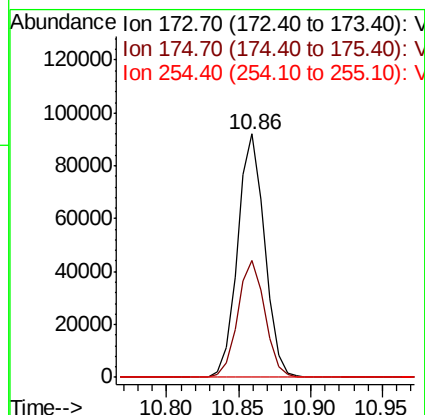
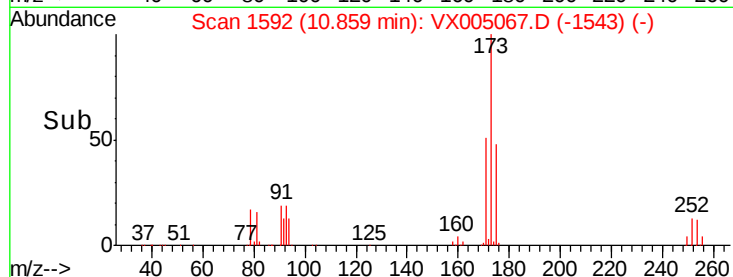
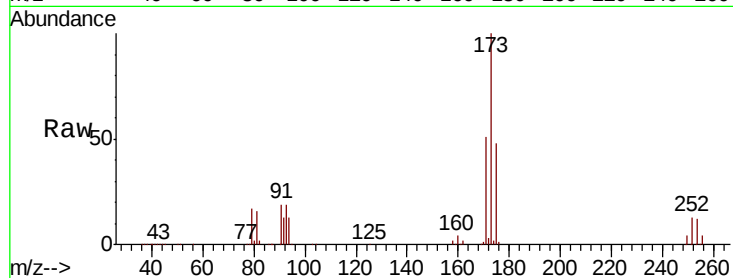
#71
Bromoform
Concen: 50.405 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX005067.D
Acq: 05 Oct 2018 13:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	23.3	69.8
254	0.2	0.2	0.2

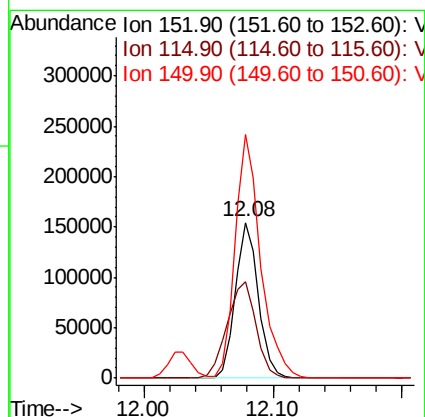
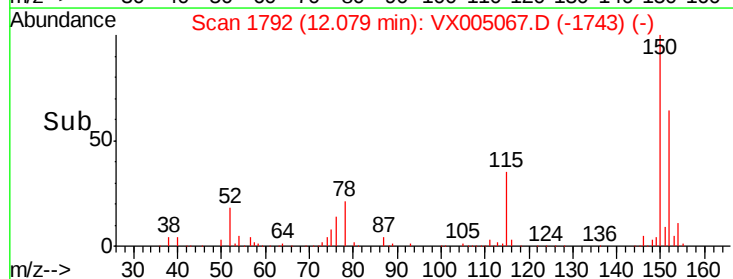
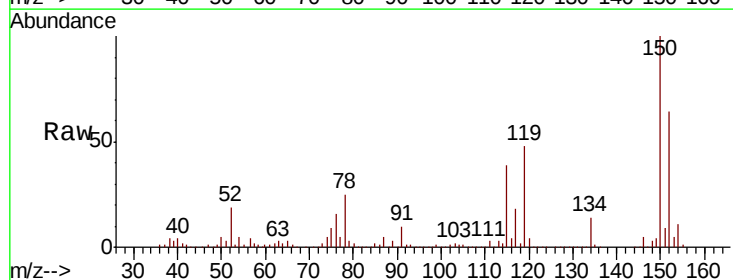
Manual Integrations
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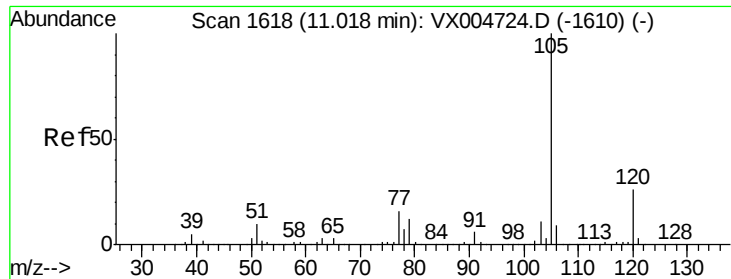
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005067.D
Acq: 05 Oct 2018 13:51

Tgt Ion	Ratio	Lower	Upper
152	100		
115	78.6	40.2	120.6
150	174.1	0.0	351.0





#73

Isopropylbenzene

Concen: 53.205 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX005067.D

Acq: 05 Oct 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 641757

Ion Ratio Lower Upper

105 100

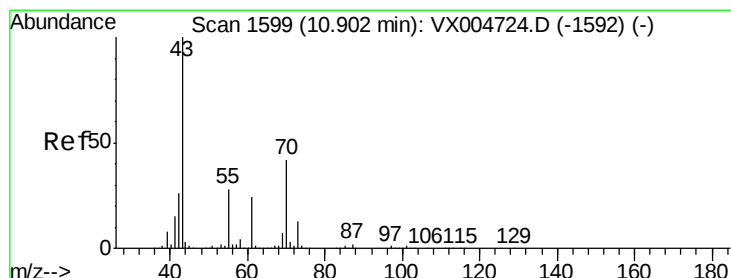
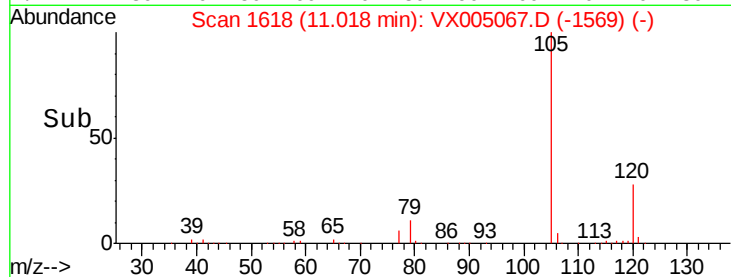
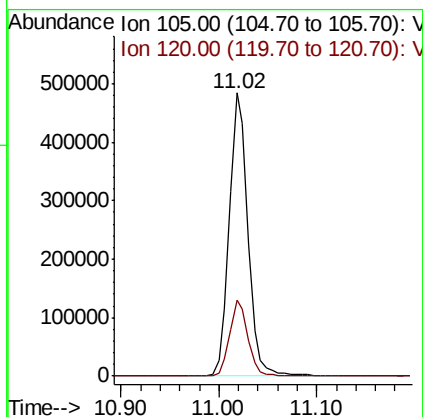
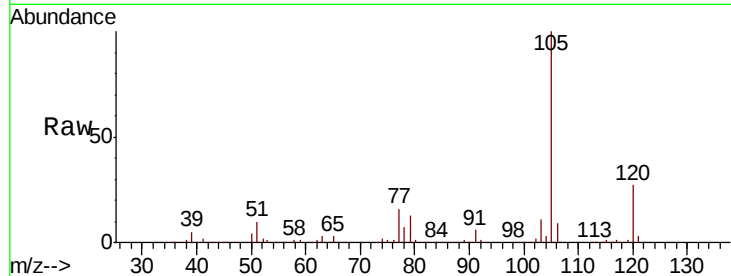
120 26.4 13.2 39.5

Manual Integrations

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#74

N-ethyl acetate

Concen: 49.498 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX005067.D

Acq: 05 Oct 2018 13:51

Tgt Ion: 43 Resp: 328045

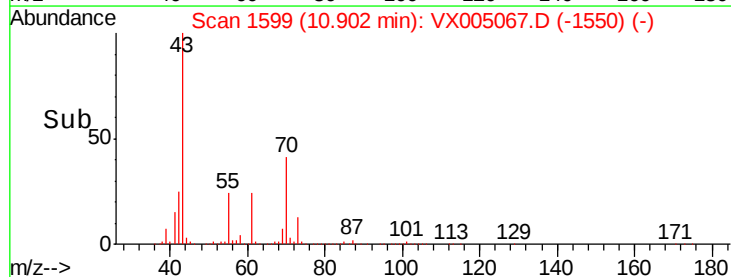
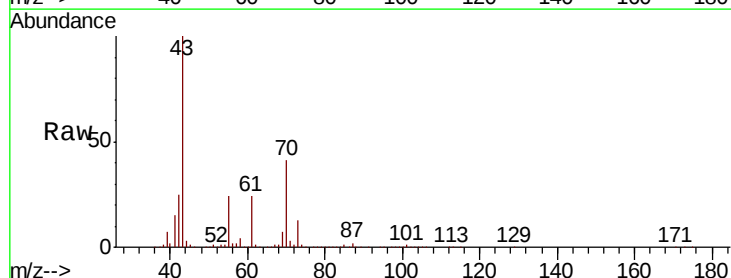
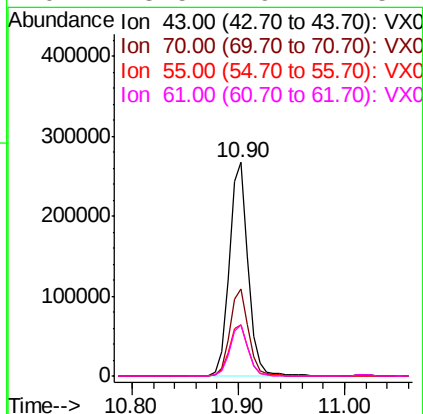
Ion Ratio Lower Upper

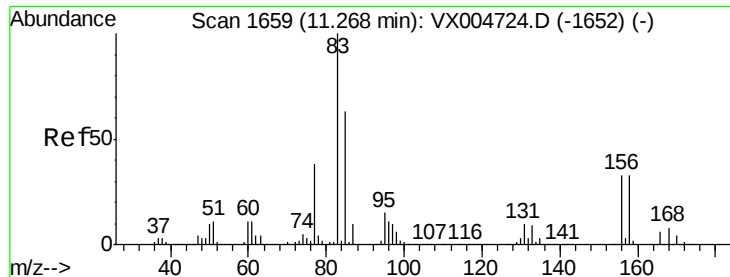
43 100

70 40.3 32.6 48.8

55 24.8 21.6 32.4

61 23.5 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 48.318 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX005067.D

Acq: 05 Oct 2018 13:51

Instrument :

MSVOA_X

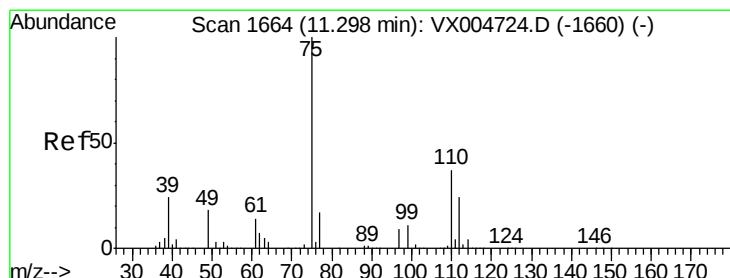
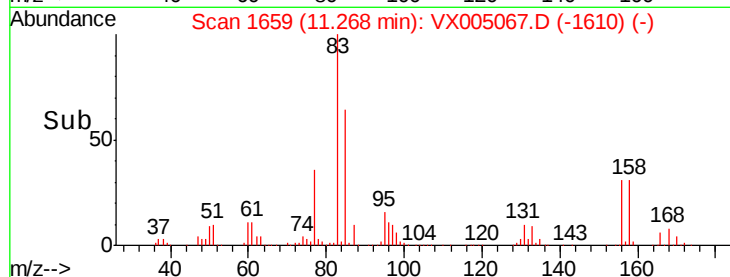
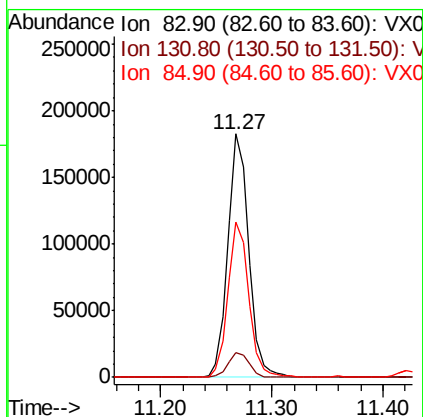
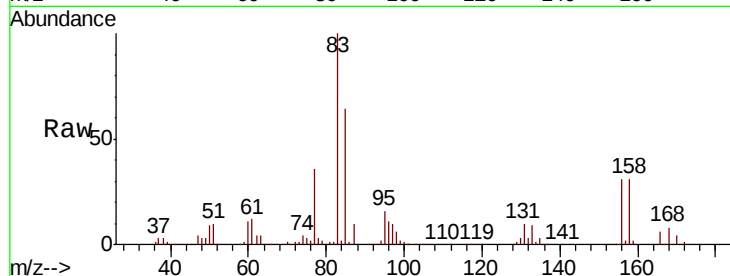
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	237244
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.1	15.3
85	63.8	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 51.005 ug/l m

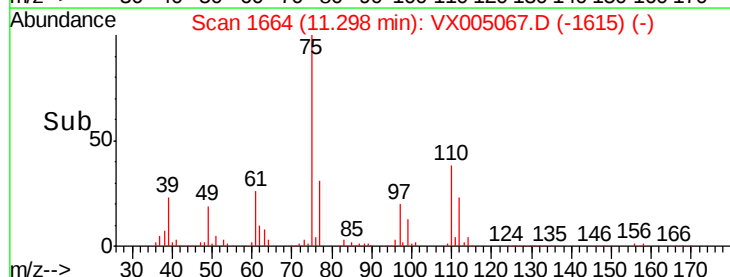
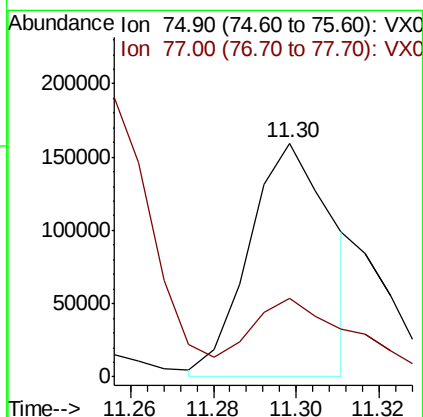
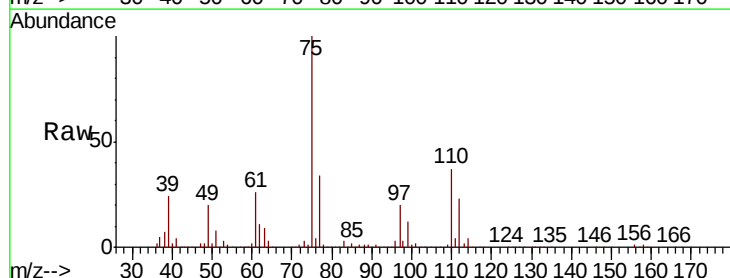
RT: 11.30 min Scan# 1664

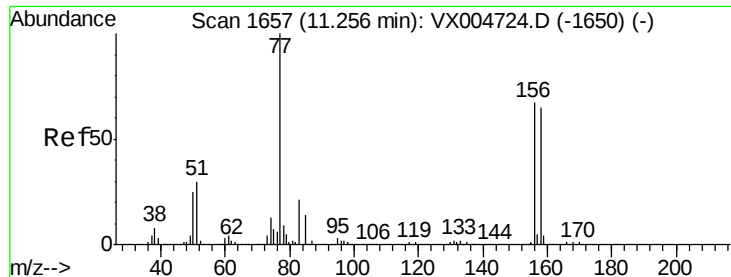
Delta R.T. 0.00 min

Lab File: VX005067.D

Acq: 05 Oct 2018 13:51

Tgt Ion:	75	Resp:	218771
Ion Ratio	Lower	Upper	
75	100		
77	42.2	21.4	64.3





#77

Bromobenzene

Concen: 50.382 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX005067.D

Acq: 05 Oct 2018 13:51

Instrument :

MSVOA_X

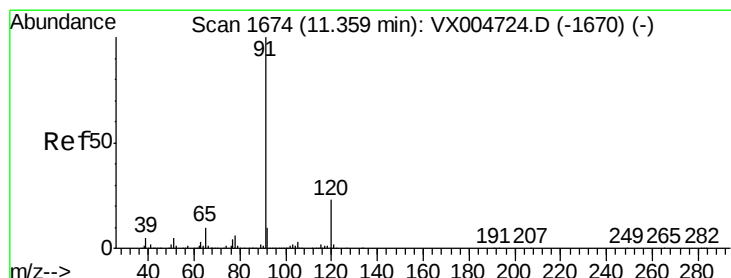
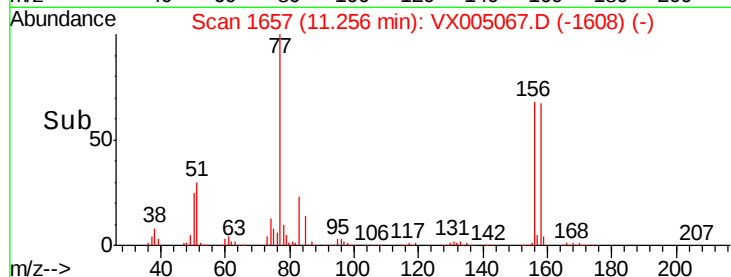
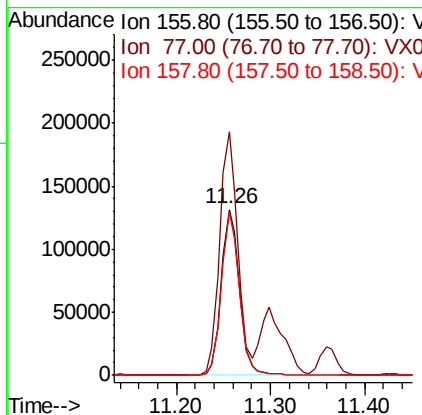
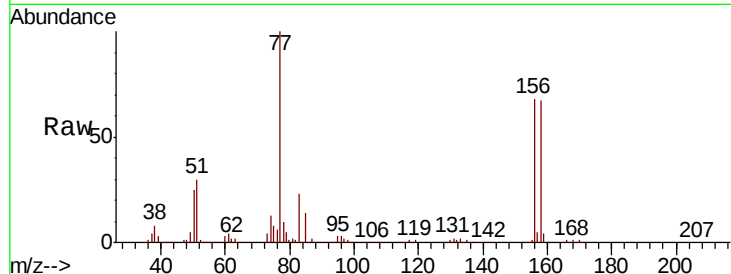
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		176514		
77	146.2	73.4	220.2		
158	96.8	49.1	147.4		

Manual Integrations
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#78

n-propylbenzene

Concen: 53.299 ug/l

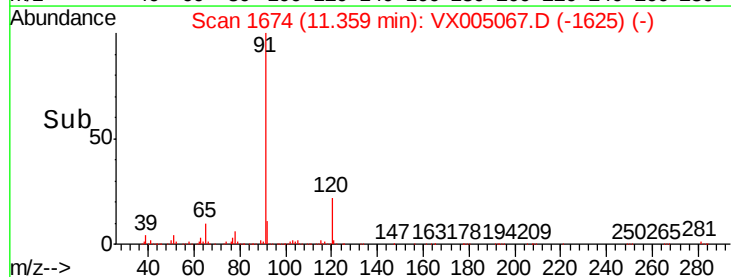
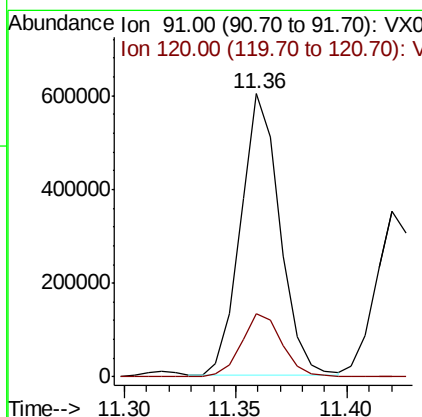
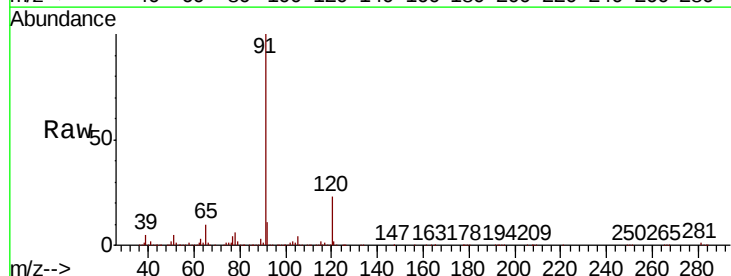
RT: 11.36 min Scan# 1674

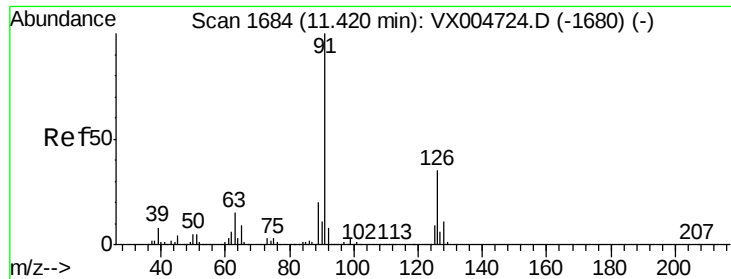
Delta R.T. 0.00 min

Lab File: VX005067.D

Acq: 05 Oct 2018 13:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		737650		
120	23.5	12.0	36.0		





#79

2-Chlorotoluene

Concen: 51.549 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX005067.D

Acq: 05 Oct 2018 13:51

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 91 Resp: 444695

Ion Ratio Lower Upper

91 100

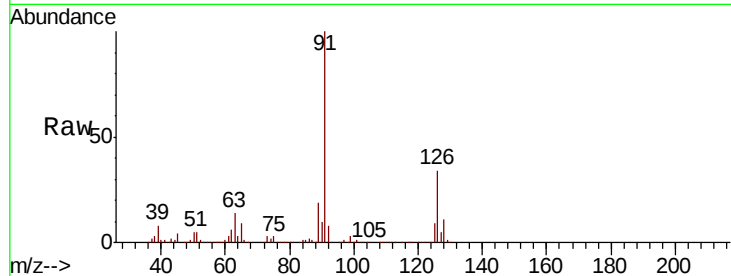
126 34.7 17.6 52.9

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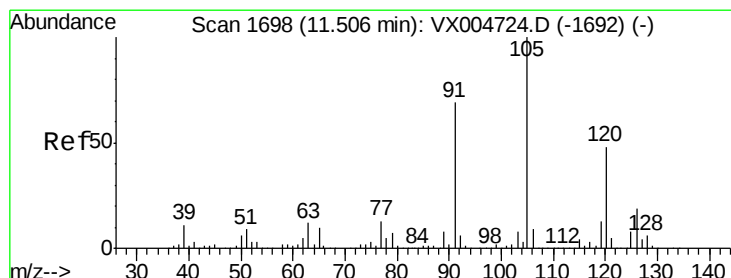
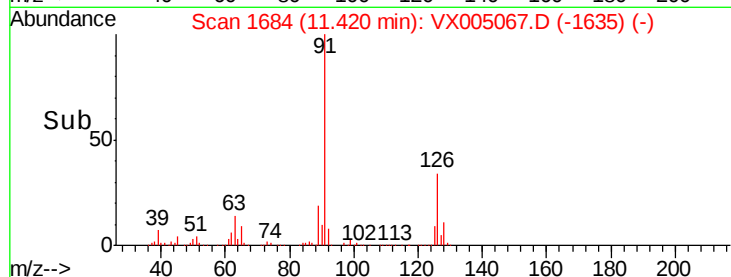
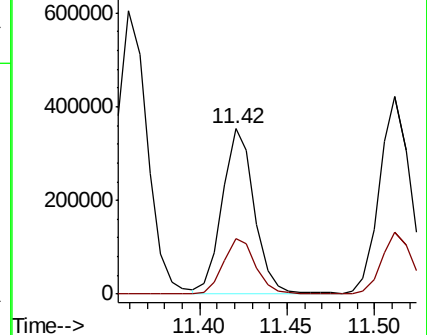
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Abundance Ion 91.00 (90.70 to 91.70): VX004724.D (-1680) (-)

Ion 125.90 (125.60 to 126.60): VX004724.D (-1680) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.757 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX005067.D

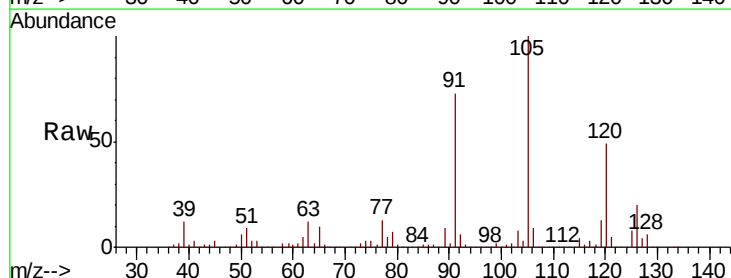
Acq: 05 Oct 2018 13:51

Tgt Ion: 105 Resp: 550087

Ion Ratio Lower Upper

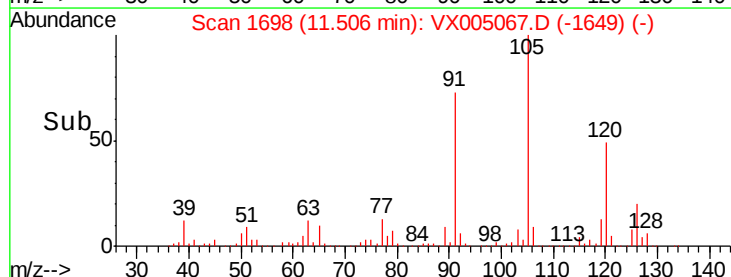
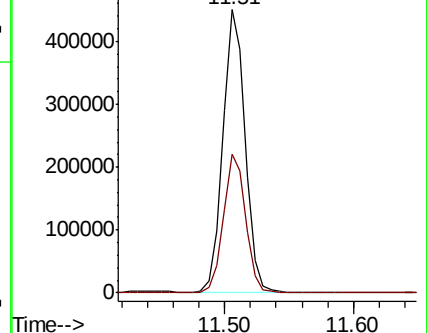
105 100

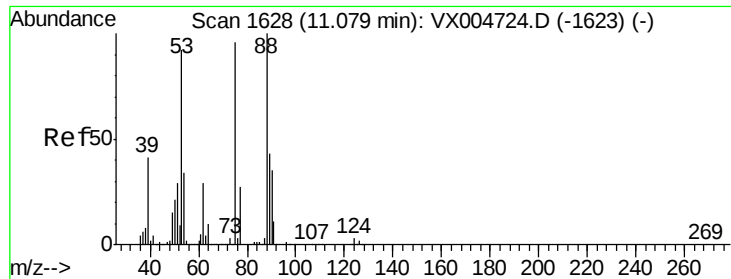
120 48.9 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VX004724.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX004724.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 44.922 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX005067.D

Acq: 05 Oct 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 70316

Ion Ratio Lower Upper

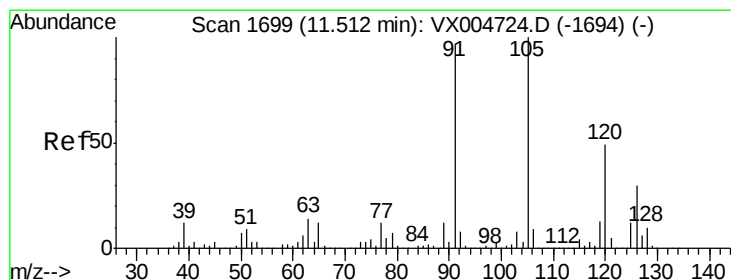
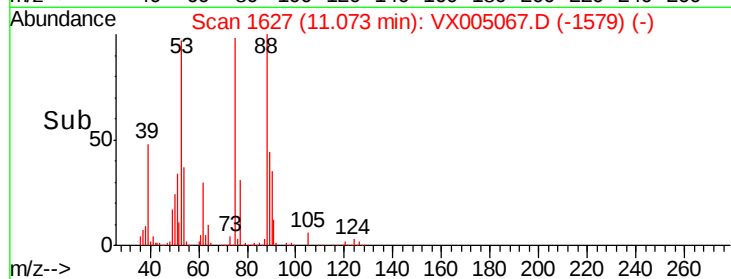
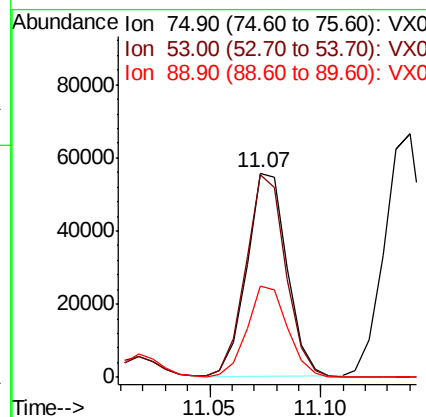
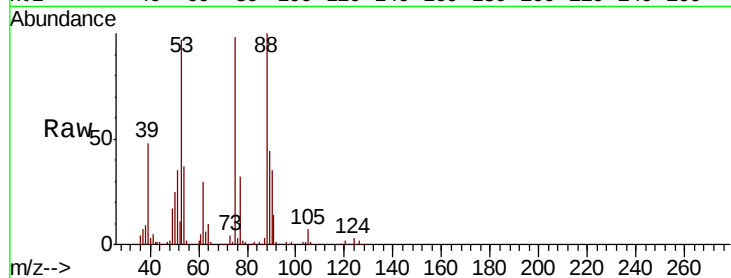
75 100

53 98.1 80.2 120.4

89 45.4 37.1 55.7

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#82

4-Chlorotoluene

Concen: 51.721 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX005067.D

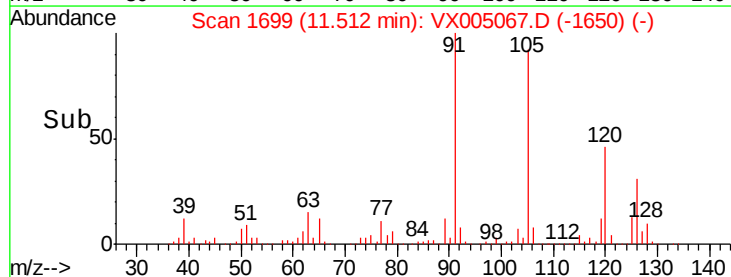
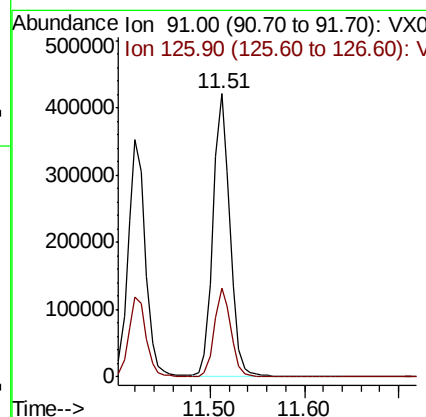
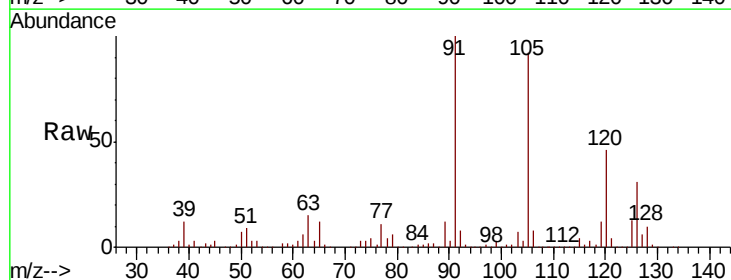
Acq: 05 Oct 2018 13:51

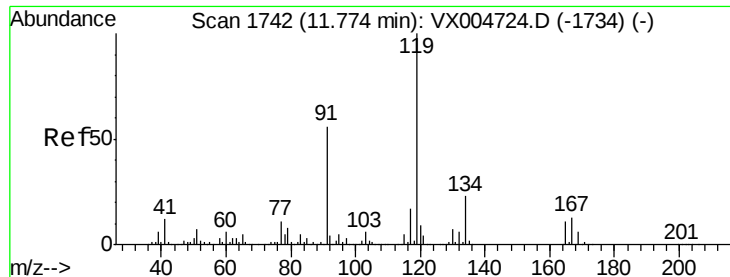
Tgt Ion: 91 Resp: 525171

Ion Ratio Lower Upper

91 100

126 30.7 15.5 46.5





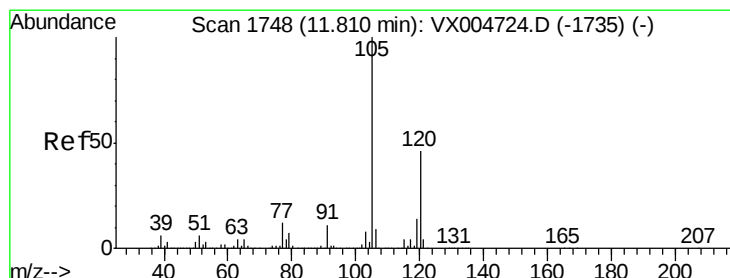
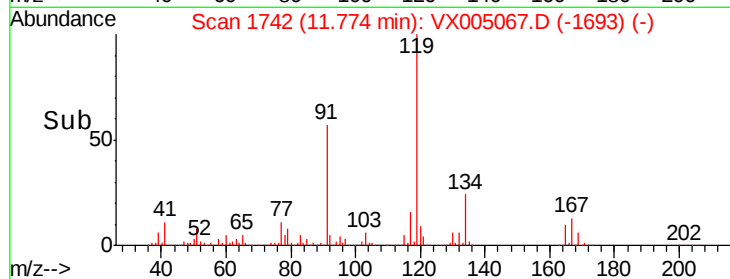
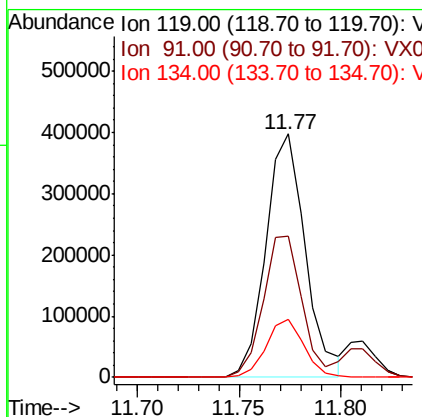
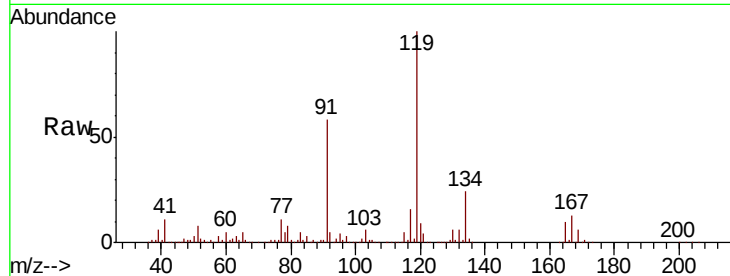
#83
 tert-Butylbenzene
 Concen: 53.971 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX005067.D
 Acq: 05 Oct 2018 13:51

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	535992		
91	56.7		27.5	82.5
134	22.9		11.5	34.4

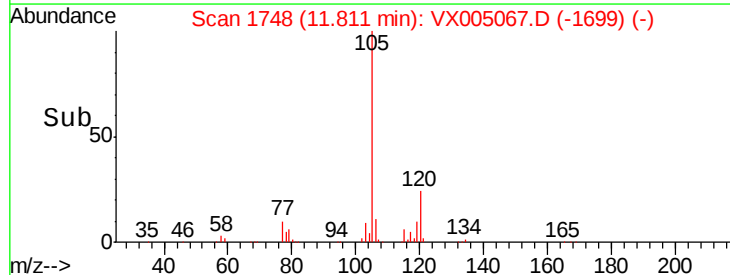
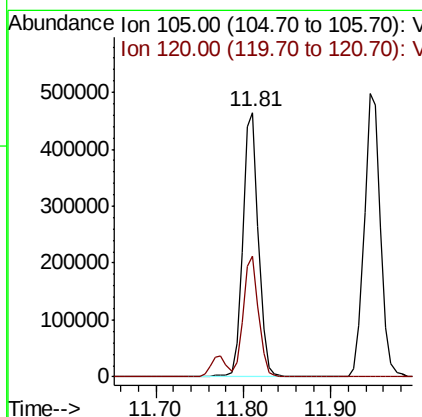
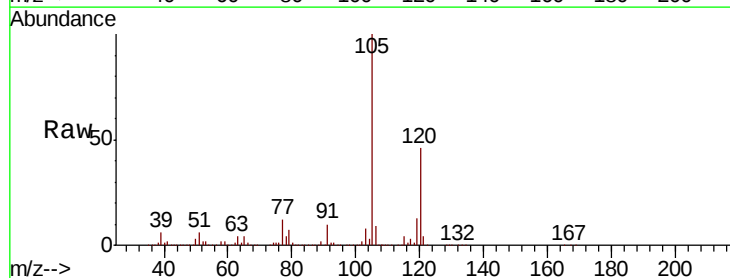
Manual Integrations
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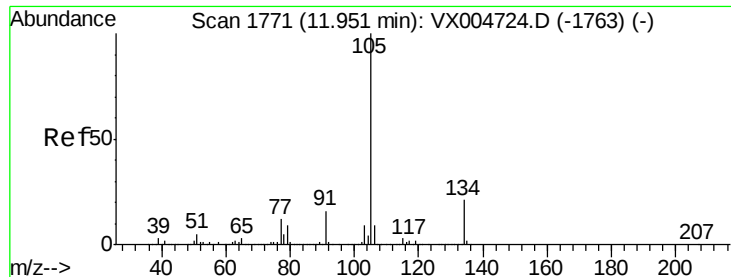
apatel
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.614 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX005067.D
 Acq: 05 Oct 2018 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	577021		
120	44.8		22.8	68.3





#85

sec-Butylbenzene

Concen: 53.154 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX005067.D

Acq: 05 Oct 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 642974

Ion Ratio Lower Upper

105 100

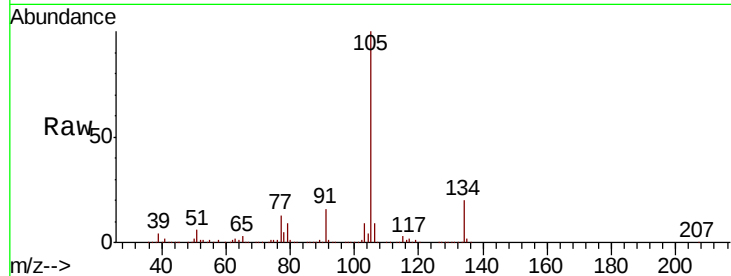
134 20.2 10.2 30.4

Manual Integrations

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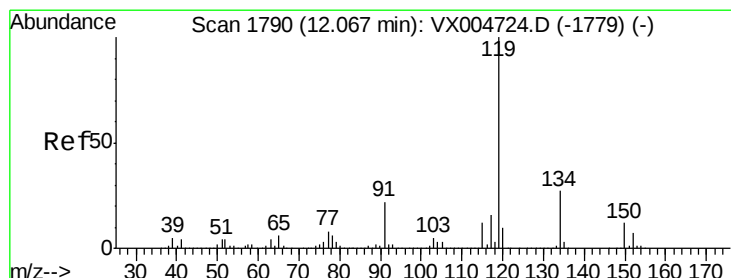
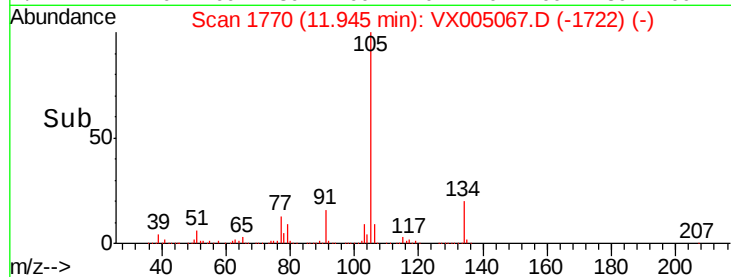
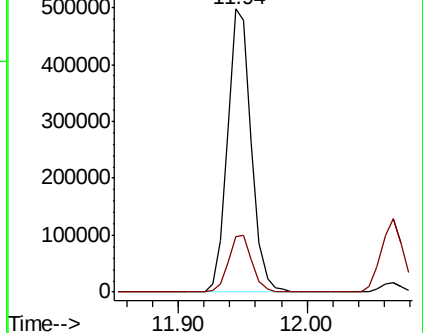
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.990 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX005067.D

Acq: 05 Oct 2018 13:51

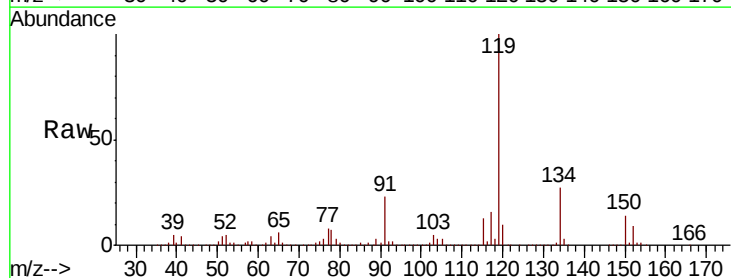
Tgt Ion:119 Resp: 580735

Ion Ratio Lower Upper

119 100

134 26.3 13.4 40.1

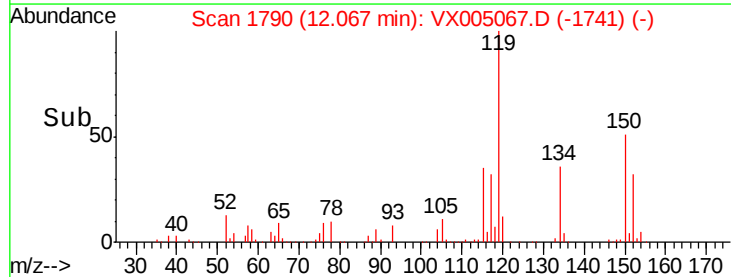
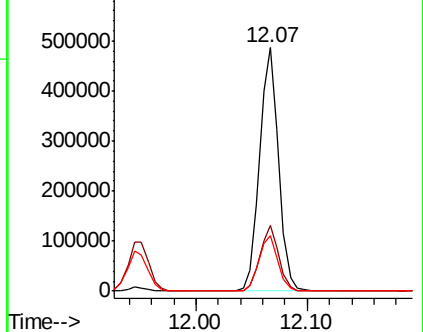
91 22.8 11.5 34.4

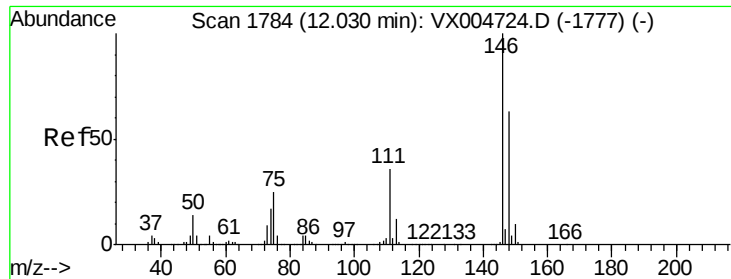


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 49.042 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VX005067.D

Acq: 05 Oct 2018 13:51

Instrument :

MSVOA_X

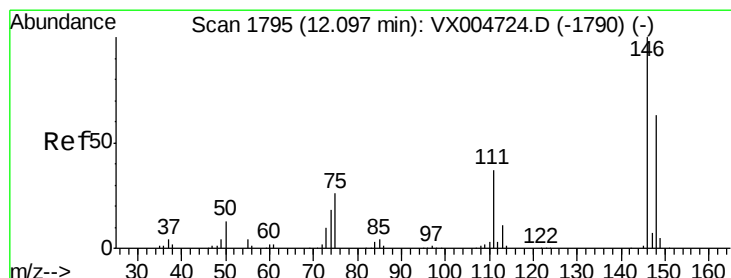
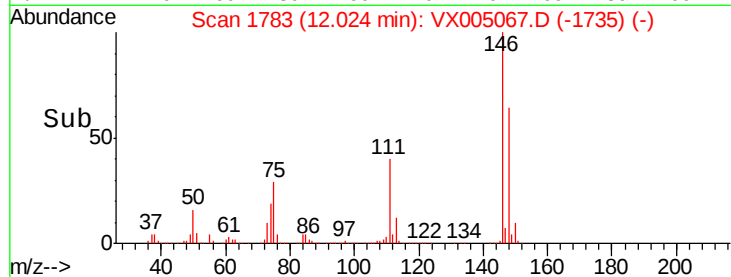
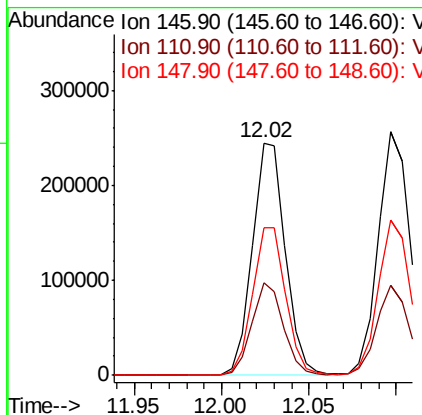
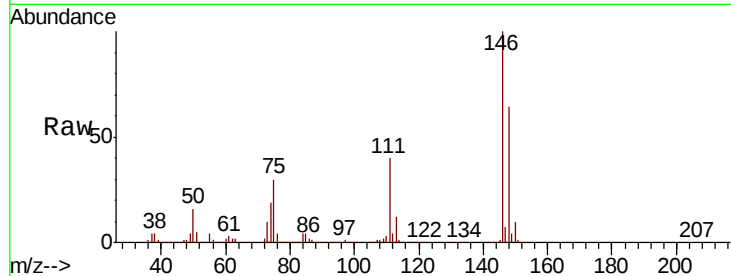
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	320836
Ion Ratio	Lower	Upper	
146	100		
111	38.3	18.9	56.9
148	63.8	31.8	95.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 48.394 ug/l

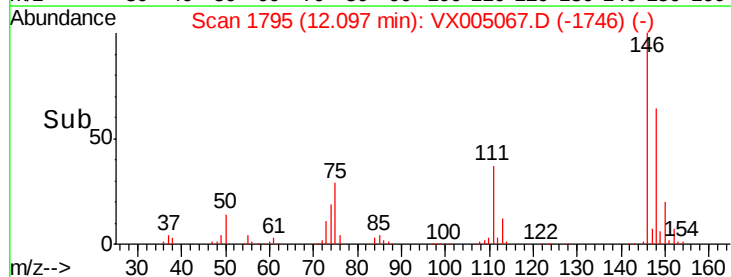
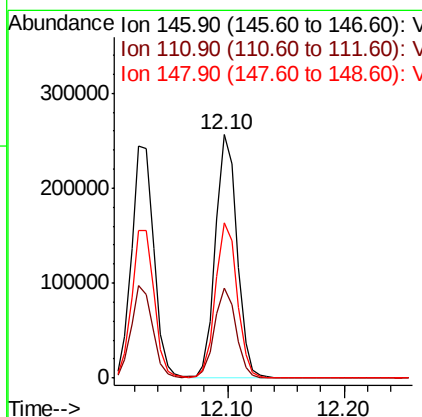
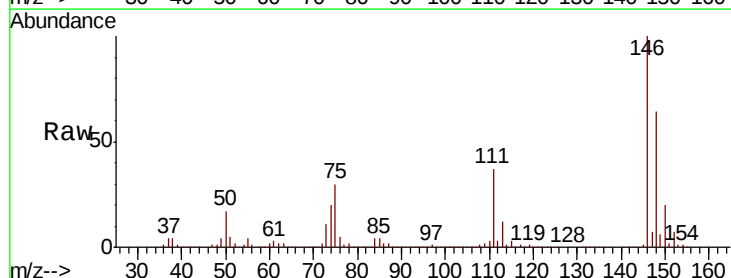
RT: 12.10 min Scan# 1795

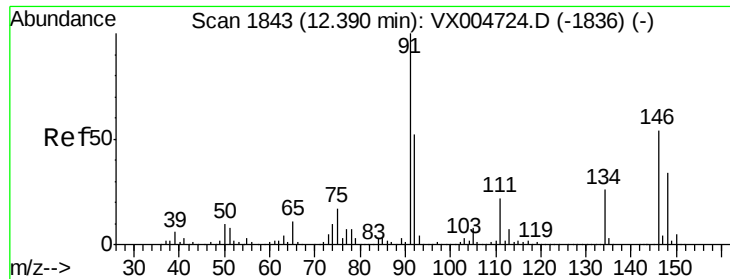
Delta R.T. 0.00 min

Lab File: VX005067.D

Acq: 05 Oct 2018 13:51

Tgt Ion:	146	Resp:	326821
Ion Ratio	Lower	Upper	
146	100		
111	37.3	18.4	55.2
148	64.0	32.0	96.0





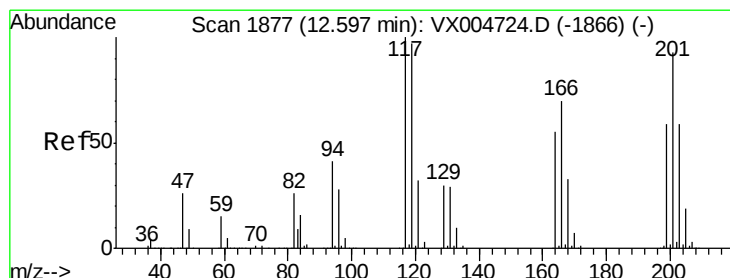
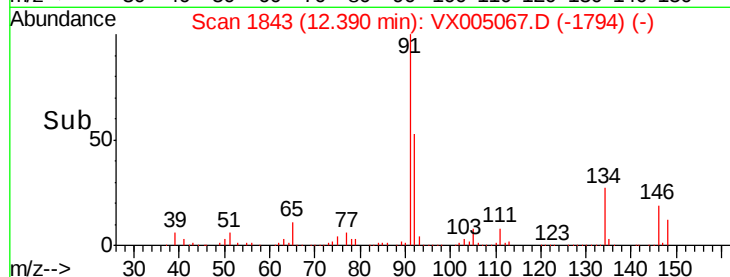
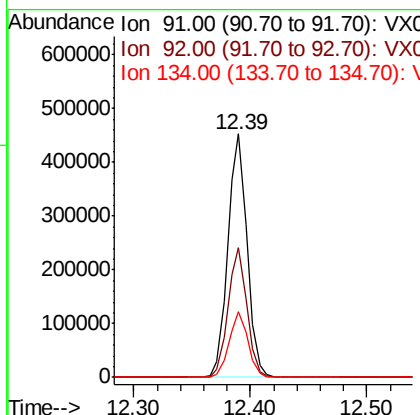
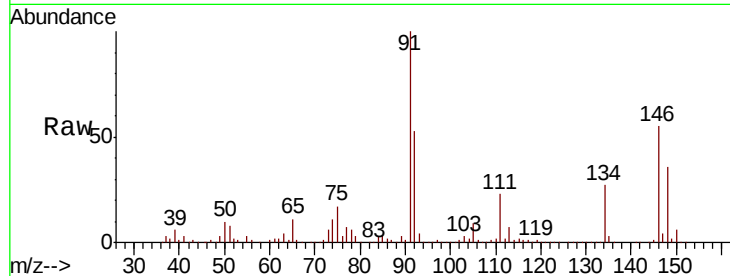
#89
n-Butylbenzene
Concen: 51.764 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX005067.D
Acq: 05 Oct 2018 13:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.0	78.0
134	26.4	13.2	39.6

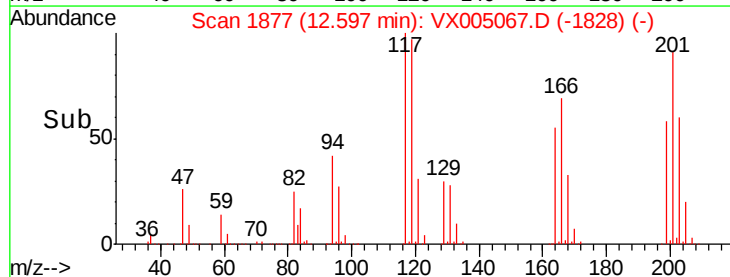
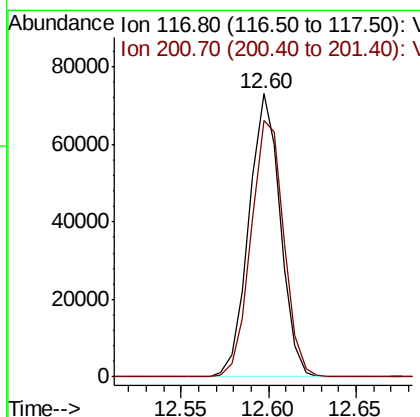
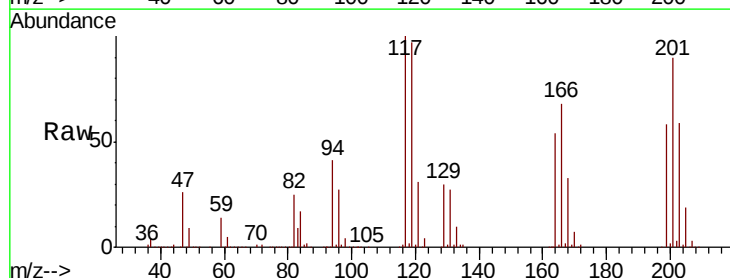
Manual Integrations
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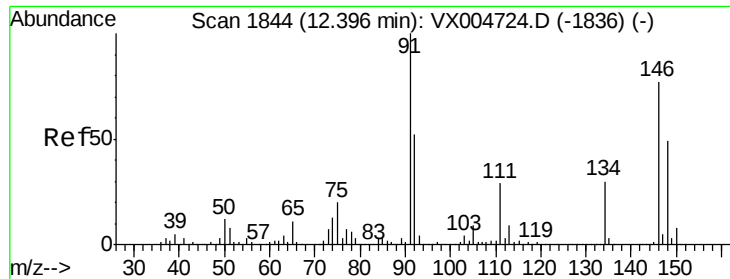
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#90
Hexachloroethane
Concen: 50.275 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX005067.D
Acq: 05 Oct 2018 13:51

Tgt Ion	Ratio	Lower	Upper
117	100		
201	94.3	48.4	145.0





#91

1,2-Dichlorobenzene

Concen: 48.083 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VX005067.D

Acq: 05 Oct 2018 13:51

Instrument :

MSVOA_X

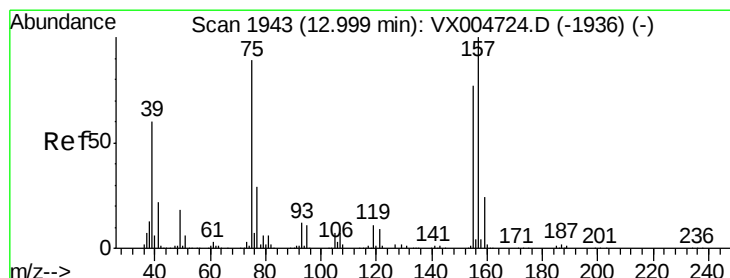
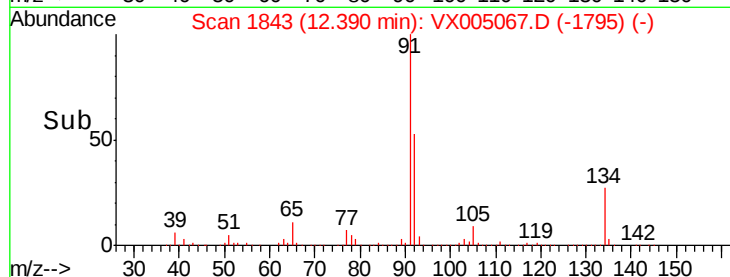
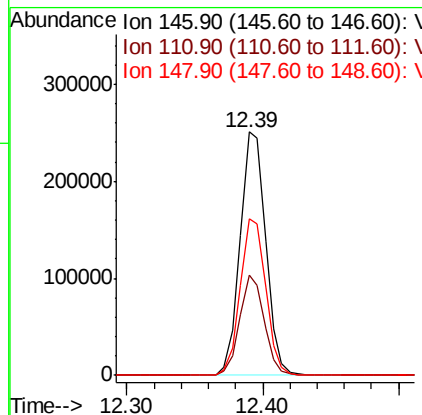
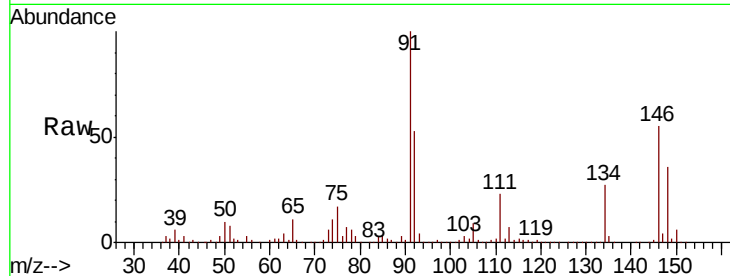
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	328729
Ion Ratio	Lower	Upper	
146	100		
111	39.5	19.6	58.7
148	64.3	31.8	95.4

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#92

1,2-Dibromo-3-Chloropropane

Concen: 52.376 ug/l

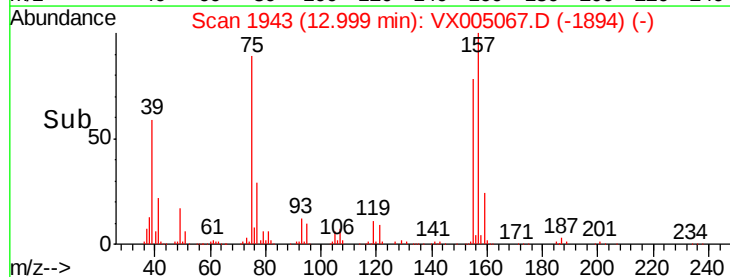
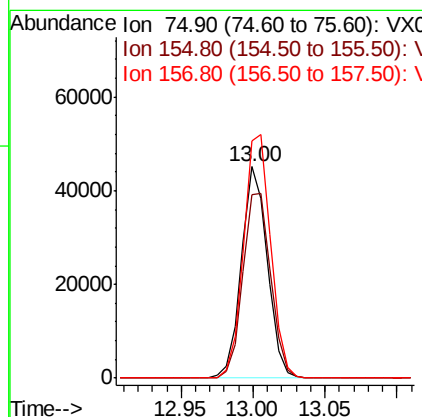
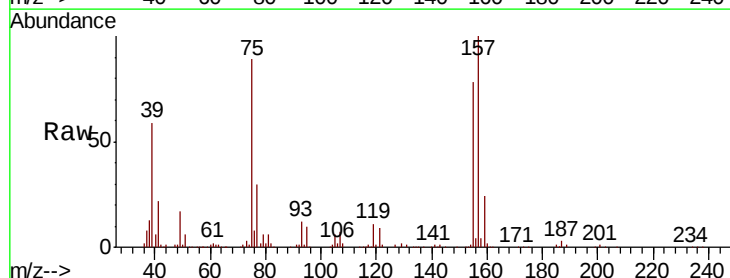
RT: 13.00 min Scan# 1943

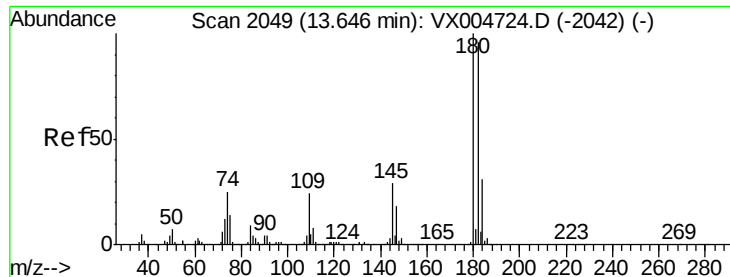
Delta R.T. 0.00 min

Lab File: VX005067.D

Acq: 05 Oct 2018 13:51

Tgt Ion:	75	Resp:	56466
Ion Ratio	Lower	Upper	
75	100		
155	93.4	46.1	138.3
157	119.3	60.2	180.6





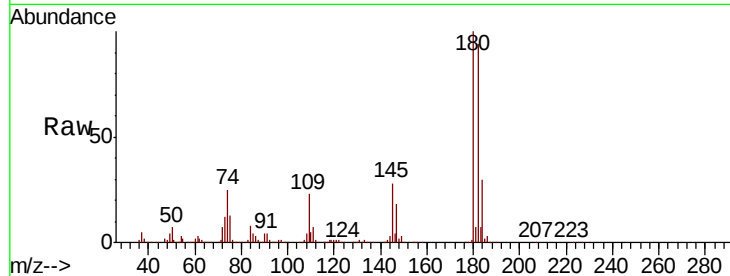
#93
 1,2,4-Trichlorobenzene
 Concen: 51.174 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX005067.D
 Acq: 05 Oct 2018 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.8	143.4
145	28.5	14.1	42.4

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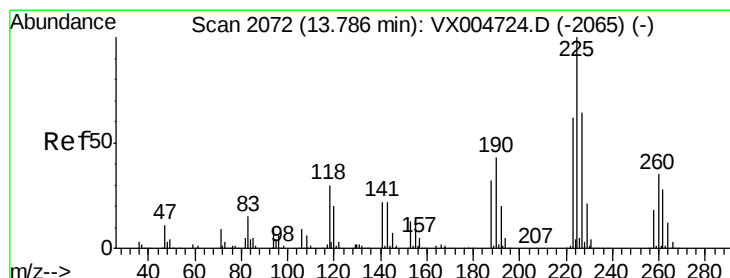
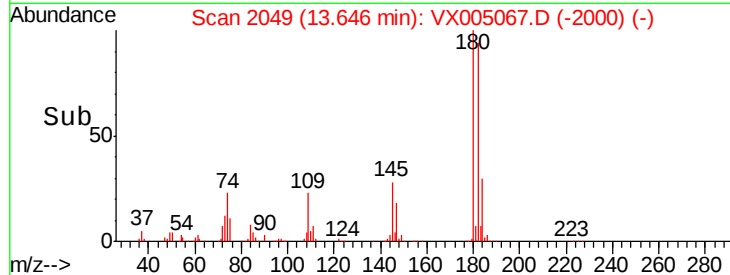
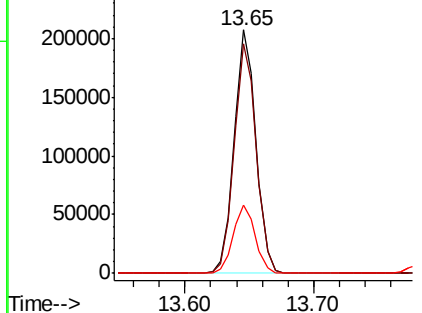


Abundance

Ion 179.80 (179.50 to 180.50): V

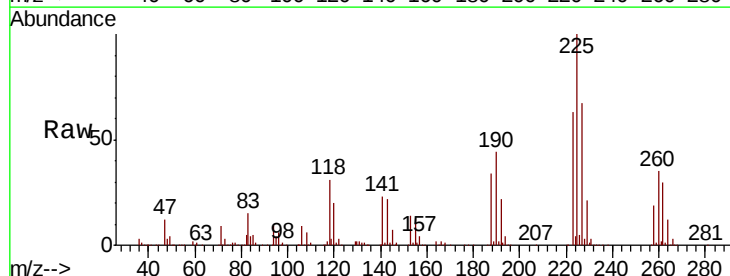
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 45.509 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX005067.D
 Acq: 05 Oct 2018 13:51

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	31.3	93.8
227	65.1	31.9	95.5

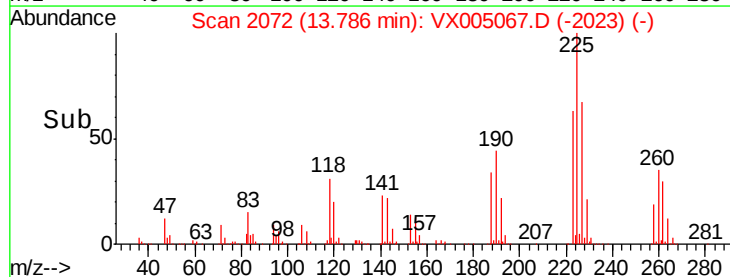
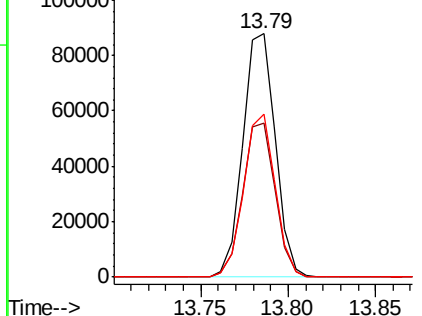


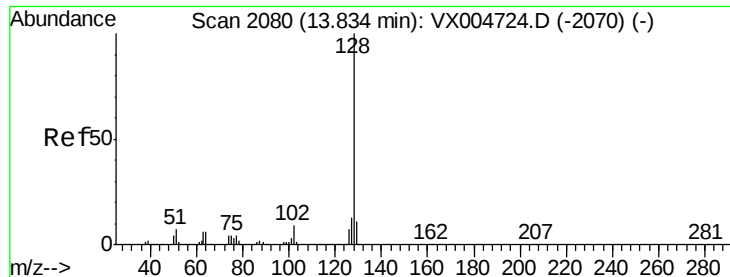
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





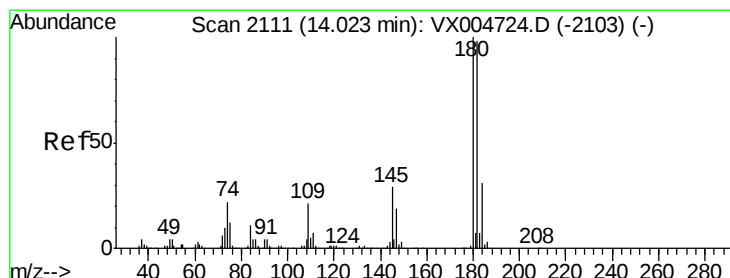
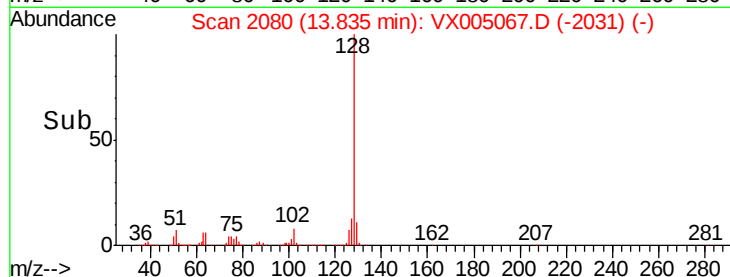
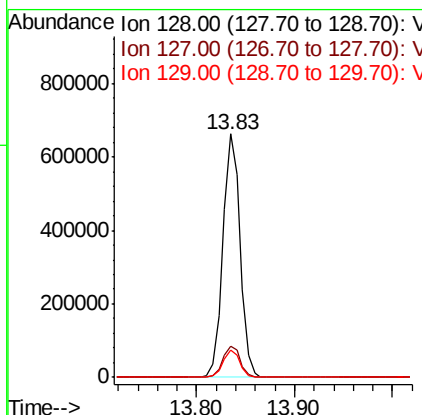
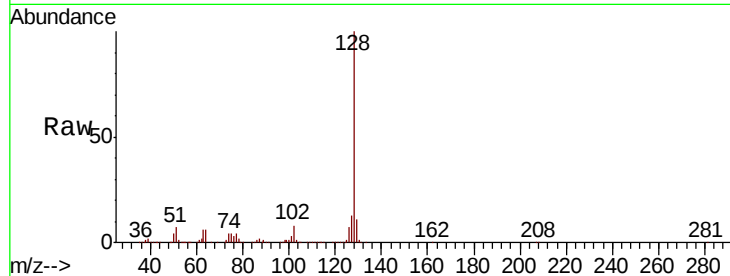
#95
Naphthalene
Concen: 50.499 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005067.D
Acq: 05 Oct 2018 13:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.9	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 50.841 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.00 min
Lab File: VX005067.D
Acq: 05 Oct 2018 13:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.9	143.8
145	30.0	15.0	45.0

