

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100418\
 Data File : VX005041.D
 Acq On : 05 Oct 2018 01:23
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/5/2018 3:24:54 PM

Quant Time: Oct 05 05:17:56 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	217593	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	326511	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	313850	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	193381	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	155407	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
35) Dibromofluoromethane	5.50	113	125057	45.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.38%	
50) Toluene-d8	8.71	98	470012	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	
62) 4-Bromofluorobenzene	11.14	95	179510	54.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	153597	51.772	ug/l	97
3) Chloromethane	1.32	50	173196	48.117	ug/l	97
4) Vinyl Chloride	1.40	62	170692	50.561	ug/l	99
5) Bromomethane	1.64	94	129097	64.487	ug/l	94
6) Chloroethane	1.71	64	102107	55.767	ug/l	96
7) Trichlorofluoromethane	1.92	101	220615	52.786	ug/l	93
8) Diethyl Ether	2.19	74	93630	51.568	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	123969	52.072	ug/l	99
10) Methyl Iodide	2.50	142	142922	44.863	ug/l	93
11) Tert butyl alcohol	3.09	59	232003	266.942	ug/l	99
12) 1,1-Dichloroethene	2.37	96	119365	50.628	ug/l	96
13) Acrolein	2.29	56	82042	132.674	ug/l	91
14) Allyl chloride	2.72	41	269114	52.313	ug/l	96
15) Acrylonitrile	3.15	53	517497	270.480	ug/l	96
16) Acetone	2.45	43	455066	250.767	ug/l	92
17) Carbon Disulfide	2.56	76	323018	45.594	ug/l	99
18) Methyl Acetate	2.78	43	294305	64.011	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	461166	56.707	ug/l	96
20) Methylene Chloride	2.85	84	144397	54.808	ug/l	91
21) trans-1,2-Dichloroethene	3.16	96	130360	50.509	ug/l	85
22) Diisopropyl ether	3.87	45	473064	54.611	ug/l	98
23) Vinyl Acetate	3.82	43	2034226	256.545	ug/l	99
24) 1,1-Dichloroethane	3.69	63	259228	50.167	ug/l	99
25) 2-Butanone	4.71	43	689277	257.682	ug/l	97
26) 2,2-Dichloropropane	4.58	77	143280	39.819	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	142783	49.522	ug/l	96
28) Bromochloromethane	5.02	49	118464	48.684	ug/l	99
29) Tetrahydrofuran	5.16	42	449678	270.474	ug/l	98
30) Chloroform	5.21	83	243957	49.954	ug/l	99
31) Cyclohexane	5.57	56	208478	52.714	ug/l	90
32) 1,1,1-Trichloroethane	5.49	97	207692	52.075	ug/l	94
36) 1,1-Dichloropropene	5.79	75	177133	46.916	ug/l	94
37) Ethyl Acetate	4.86	43	243954	48.677	ug/l	98
38) Carbon Tetrachloride	5.78	117	178987	45.099	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	198197	51.410	ug/l	86
40) Benzene	6.15	78	570594	48.274	ug/l	93
41) Methacrylonitrile	5.06	41	137926	49.626	ug/l	98
42) 1,2-Dichloroethane	6.20	62	200862	48.071	ug/l	98
43) Isopropyl Acetate	6.46	43	369362	51.062	ug/l	97
44) Trichloroethene	7.21	130	150146	51.673	ug/l	100
45) 1,2-Dichloropropane	7.52	63	157551	54.354	ug/l	91
46) Dibromomethane	7.66	93	95381	52.359	ug/l	100
47) Bromodichloromethane	7.90	83	184314	54.040	ug/l	99
48) Methyl methacrylate	7.78	41	192188	58.537	ug/l	99
49) 1,4-Dioxane	7.76	88	86131	1055.950	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1324304	290.764	ug/l	99
52) Toluene	8.79	92	344574	53.053	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	202447	52.526	ug/l	93
54) cis-1,3-Dichloropropene	8.44	75	219060	54.264	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	147973	52.012	ug/l	96
56) Ethyl methacrylate	9.18	69	234953	50.842	ug/l	97
57) 1,3-Dichloropropane	9.37	76	244750	51.690	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.32	63	639772	260.361	ug/l	100
59) 2-Hexanone	9.50	43	1059607	279.182	ug/l	95
60) Dibromochloromethane	9.59	129	153156	53.830	ug/l	98
61) 1,2-Dibromoethane	9.68	107	151570	49.747	ug/l	96
64) Tetrachloroethene	9.34	164	146114	47.302	ug/l	97
65) Chlorobenzene	10.14	112	390381	48.507	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	143784	50.819	ug/l	99
67) Ethyl Benzene	10.26	91	659674	51.629	ug/l	96
68) m/p-Xylenes	10.36	106	513643	102.873	ug/l	95
69) o-Xylene	10.70	106	249897	54.491	ug/l	100
70) Styrene	10.71	104	424060	49.464	ug/l	100
71) Bromoform	10.86	173	125645	51.871	ug/l #	96
73) Isopropylbenzene	11.02	105	664631	54.527	ug/l	99
74) N-amyl acetate	10.90	43	334440	49.922	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	247117	49.804	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	223129m	51.479	ug/l	
77) Bromobenzene	11.26	156	181953	51.393	ug/l	99
78) n-propylbenzene	11.36	91	754385	53.941	ug/l	100
79) 2-Chlorotoluene	11.42	91	464557	53.291	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	564508	50.532	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	66909	42.416	ug/l	97
82) 4-Chlorotoluene	11.51	91	544303	53.047	ug/l	99
83) tert-Butylbenzene	11.77	119	556750	55.477	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	588803	51.111	ug/l	100
85) sec-Butylbenzene	11.94	105	658726	53.889	ug/l	100
86) p-Isopropyltoluene	12.07	119	593918	53.628	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	333303	50.417	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	337745	49.490	ug/l	99
89) n-Butylbenzene	12.39	91	519993	51.699	ug/l	100
90) Hexachloroethane	12.60	117	95289	51.677	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	341721	49.462	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	57487	52.767	ug/l	99

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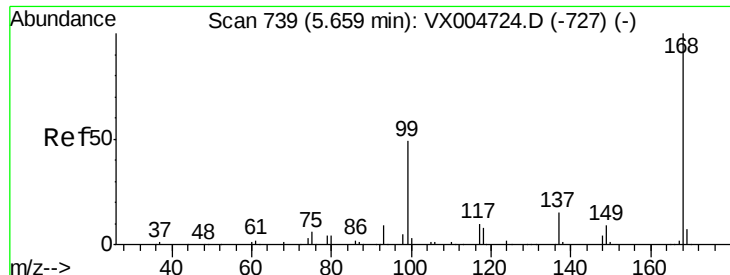
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	252033	52.004	ug/l	100
94) Hexachlorobutadiene	13.79	225	115800	46.078	ug/l	100
95) Naphthalene	13.83	128	828190	51.466	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	260621	52.058	ug/l	100

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



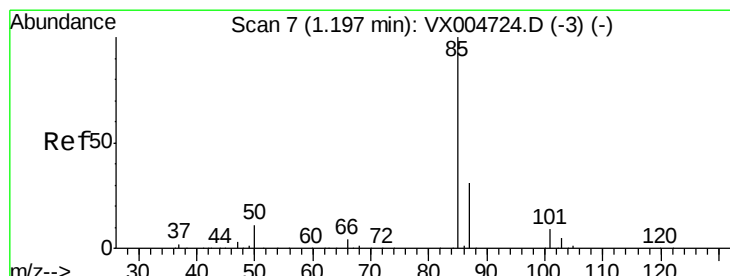
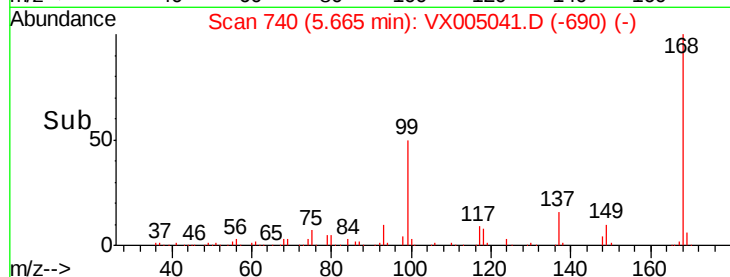
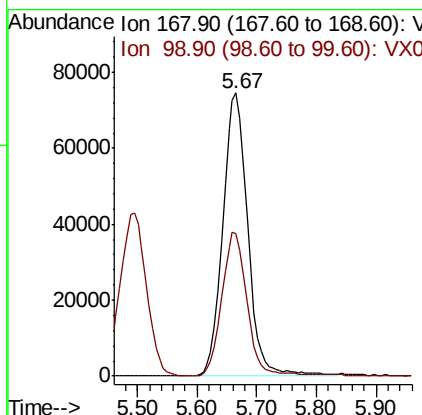
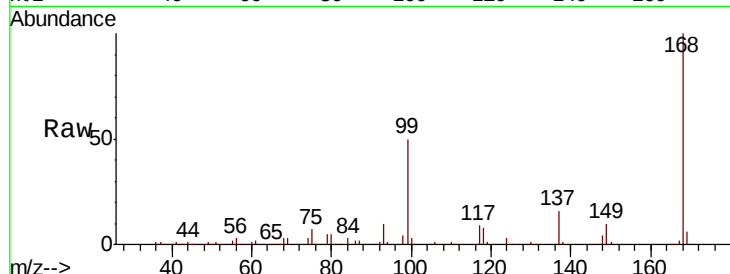
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX005041.D
Acq: 05 Oct 2018 01:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:168 Resp: 217593
Ion Ratio Lower Upper
168 100
99 50.3 39.3 58.9

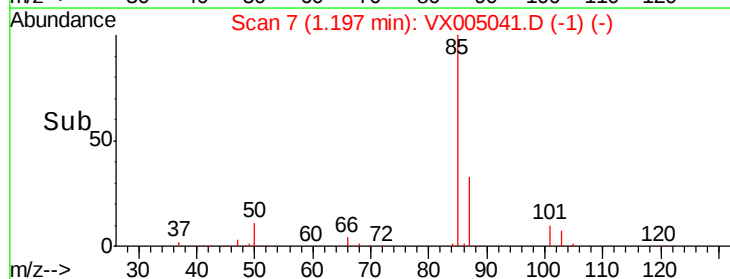
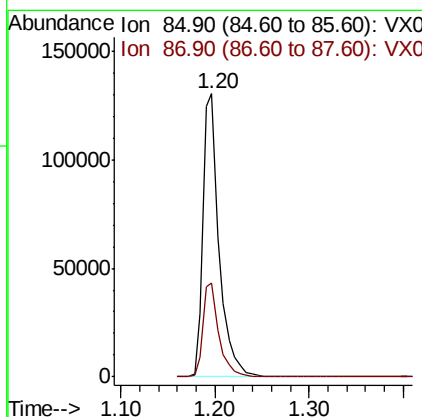
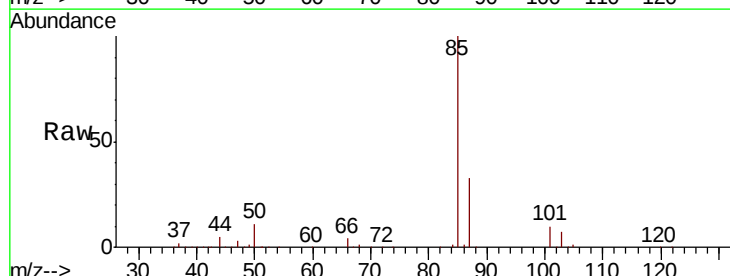
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#2
Dichlorodifluoromethane
Concen: 51.772 ug/l
RT: 1.20 min Scan# 7
Delta R.T. 0.00 min
Lab File: VX005041.D
Acq: 05 Oct 2018 01:23

Tgt Ion: 85 Resp: 153597
Ion Ratio Lower Upper
85 100
87 33.1 15.7 47.1





#3

Chloromethane

Concen: 48.117 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 173196

Ion Ratio Lower Upper

50 100

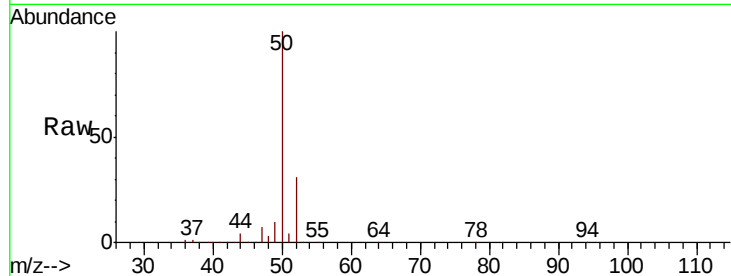
52 30.7 25.8 38.6

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

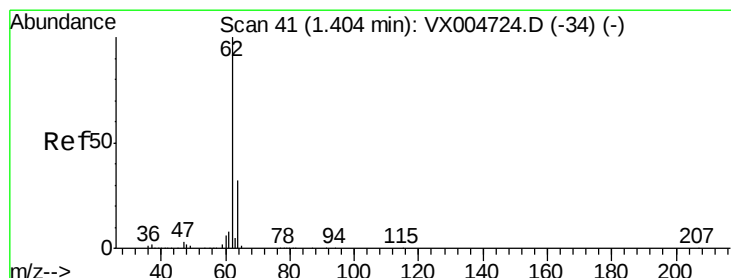
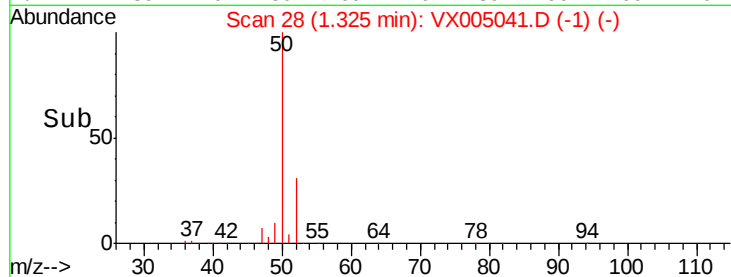
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100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 50.561 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX005041.D

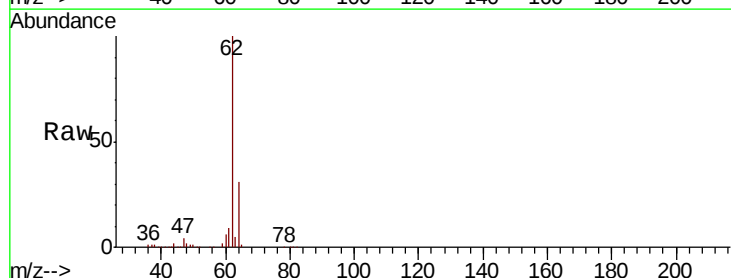
Acq: 05 Oct 2018 01:23

Tgt Ion: 62 Resp: 170692

Ion Ratio Lower Upper

62 100

64 31.3 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

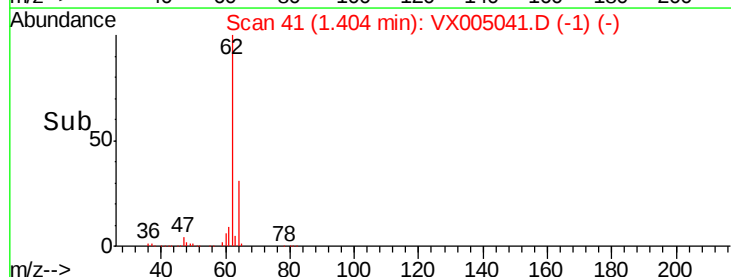
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50000

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Time-->





#5

Bromomethane

Concen: 64.487 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 129097

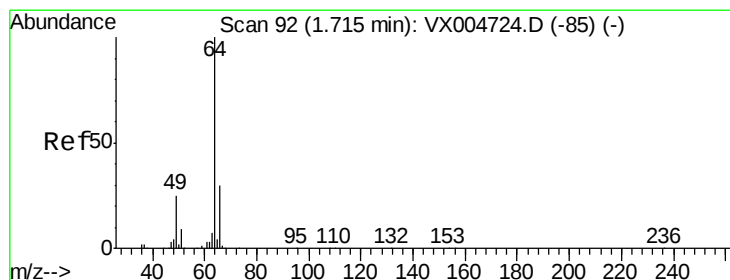
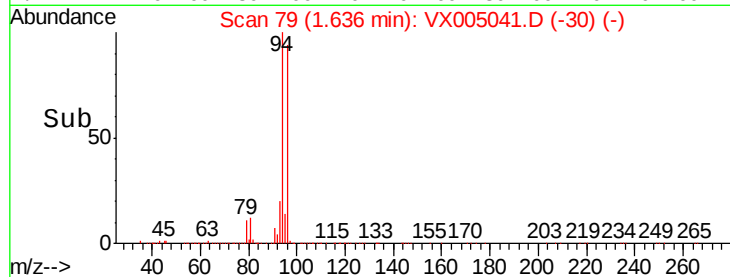
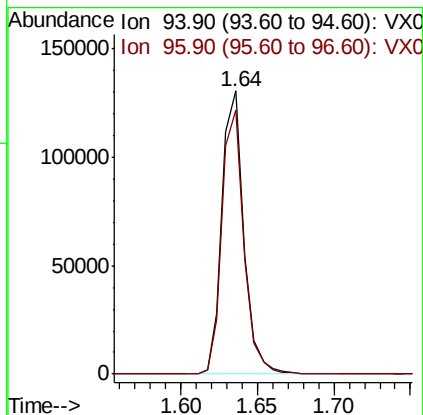
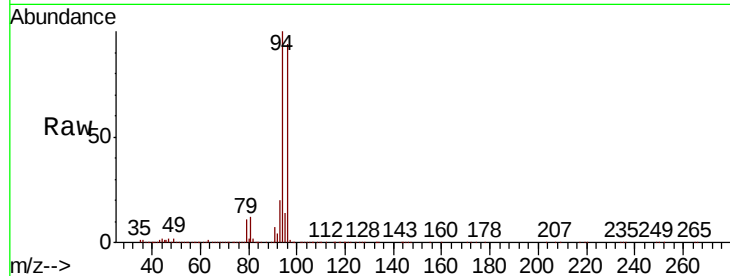
Ion Ratio Lower Upper

94 100

96 93.5 79.5 119.3

Manual Integrations
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#6

Chloroethane

Concen: 55.767 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX005041.D

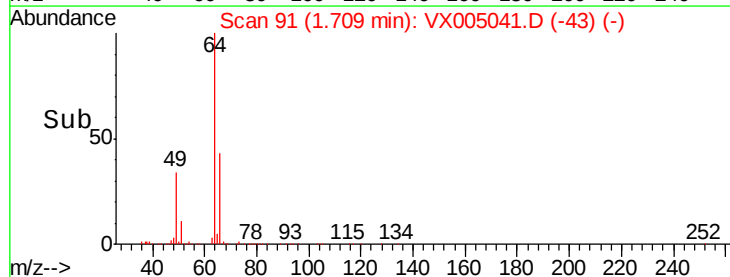
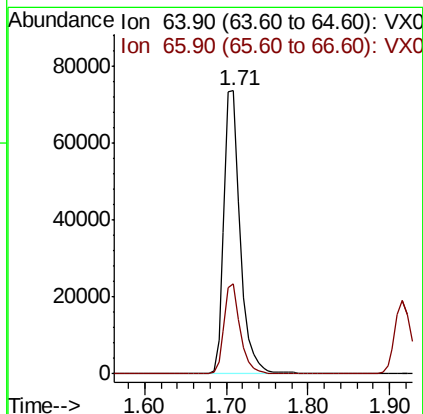
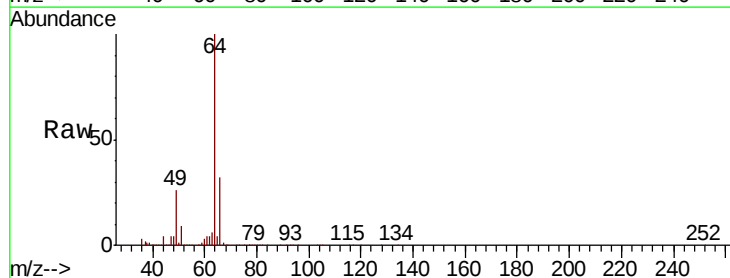
Acq: 05 Oct 2018 01:23

Tgt Ion: 64 Resp: 102107

Ion Ratio Lower Upper

64 100

66 31.6 23.8 35.6





#7

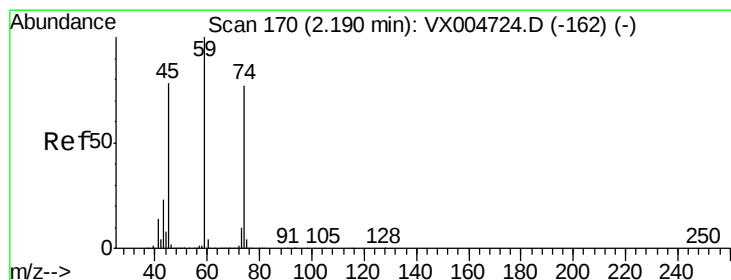
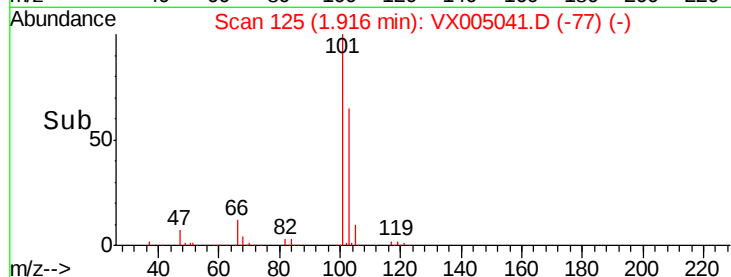
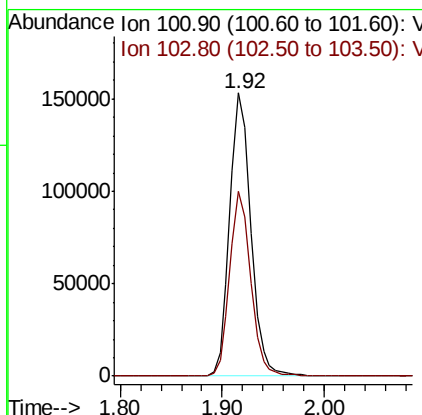
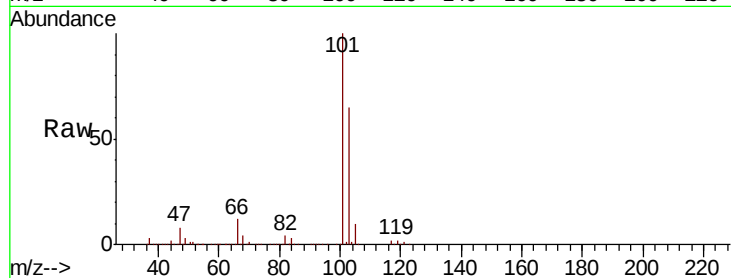
Trichlorofluoromethane
Concen: 52.786 ug/l
RT: 1.92 min Scan# 125
Delta R.T. -0.01 min
Lab File: VX005041.D
Acq: 05 Oct 2018 01:23

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.5	48.4	72.6

Manual Integrations
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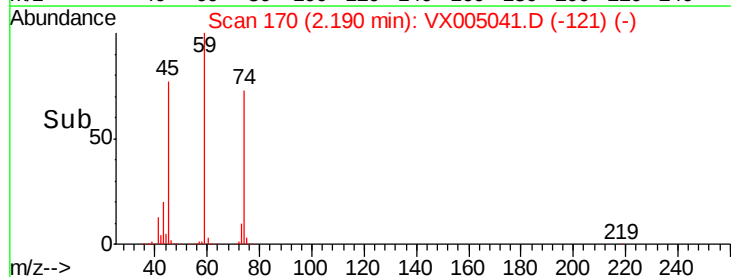
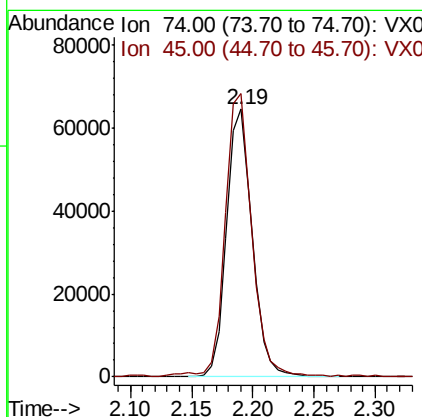
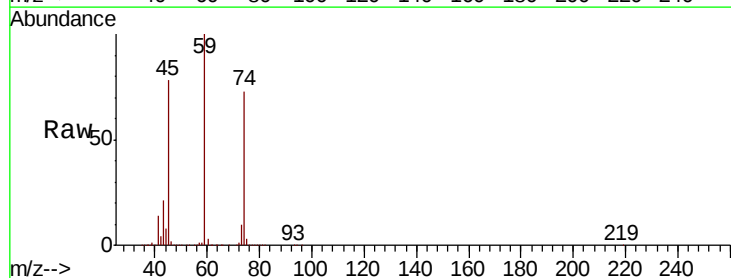
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#8

Diethyl Ether
Concen: 51.568 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX005041.D
Acq: 05 Oct 2018 01:23

Tgt Ion	Ratio	Lower	Upper
74	100		
45	108.9	52.5	157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.072 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

Instrument :

MSVOA_X

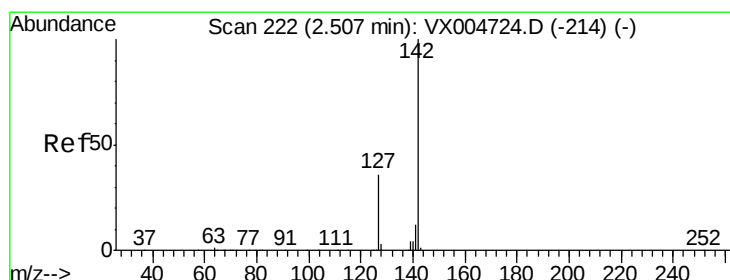
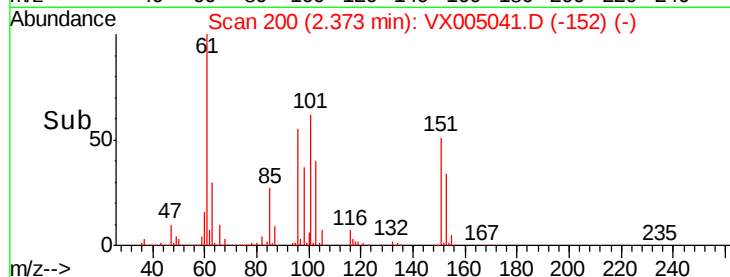
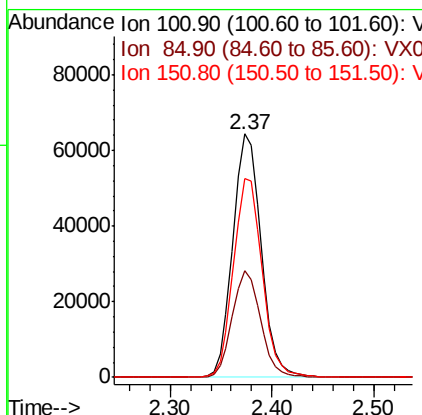
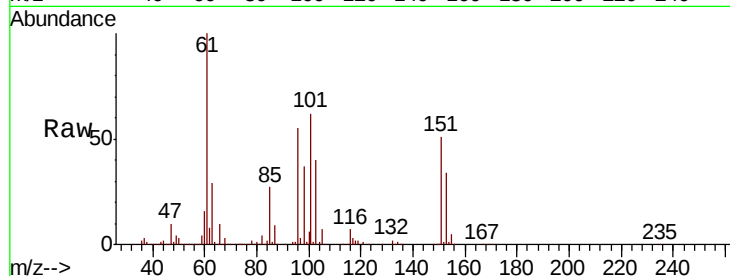
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	123969
Ion Ratio	Lower	Upper	
101	100		
85	43.8	35.9	53.9
151	82.7	66.6	100.0

Manual Integrations
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#10

Methyl Iodide

Concen: 44.863 ug/l

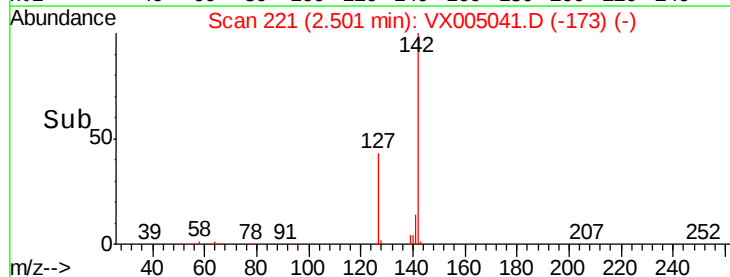
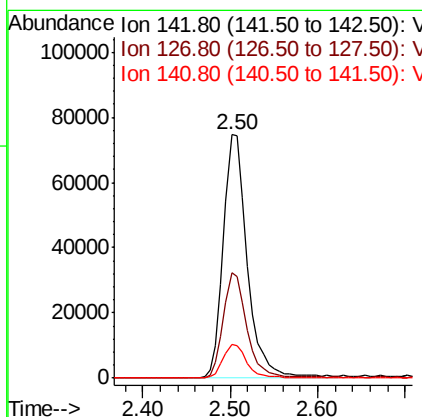
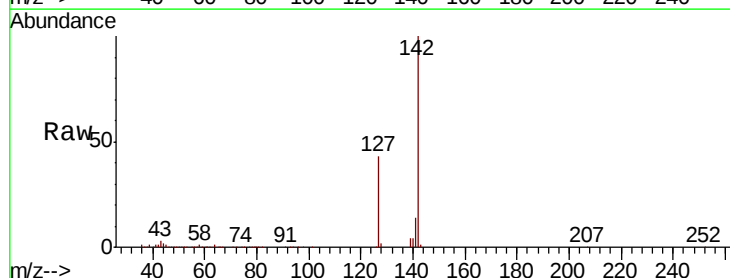
RT: 2.50 min Scan# 221

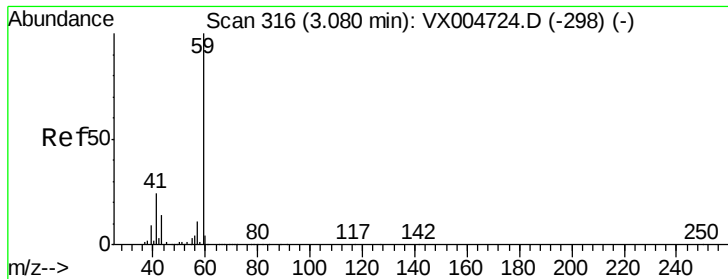
Delta R.T. -0.01 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

Tgt Ion:	142	Resp:	142922
Ion Ratio	Lower	Upper	
142	100		
127	42.5	30.1	45.1
141	13.8	10.1	15.1





#11

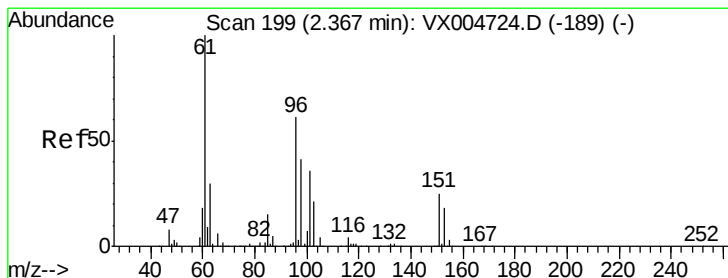
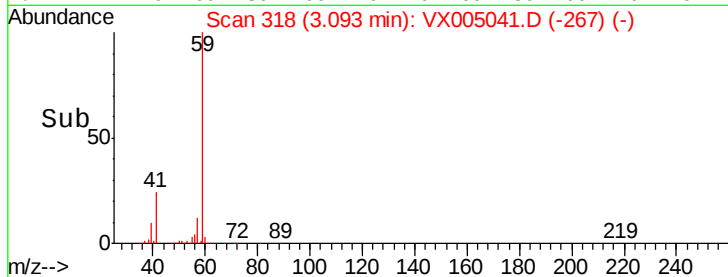
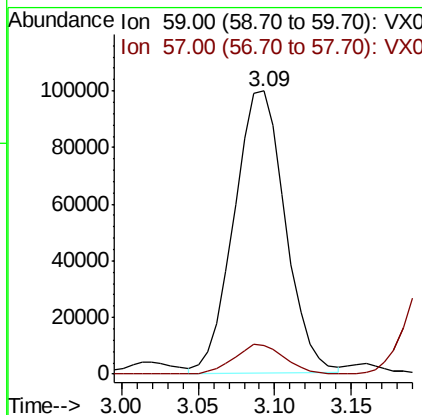
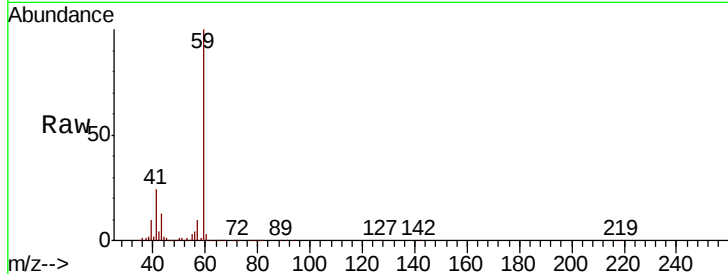
Tert butyl alcohol
 Concen: 266.942 ug/l
 RT: 3.09 min Scan# 318
 Delta R.T. 0.01 min
 Lab File: VX005041.D
 Acq: 05 Oct 2018 01:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.6	12.8

Manual Integrations
 APPROVED

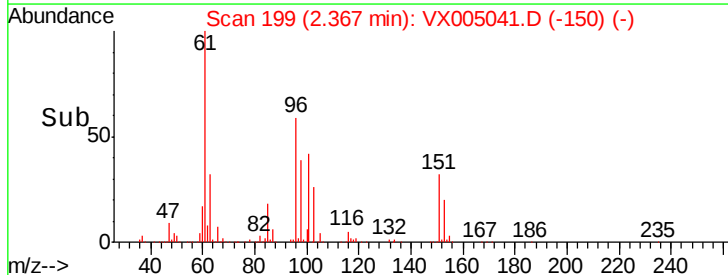
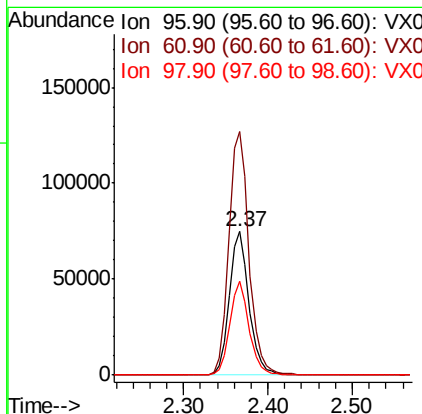
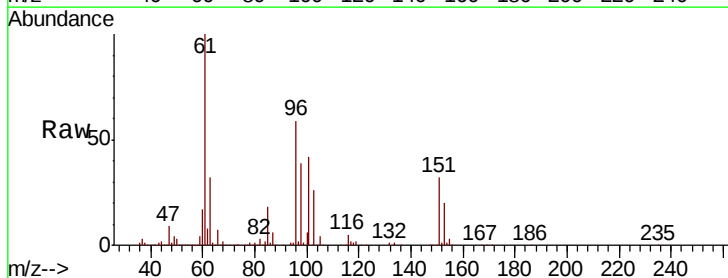
MMDadoda
 10/5/2018 3:24:54 PM



#12

1,1-Dichloroethene
 Concen: 50.628 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. 0.00 min
 Lab File: VX005041.D
 Acq: 05 Oct 2018 01:23

Tgt Ion	Ratio	Lower	Upper
96	100		
61	169.5	130.2	195.4
98	65.4	53.4	80.0





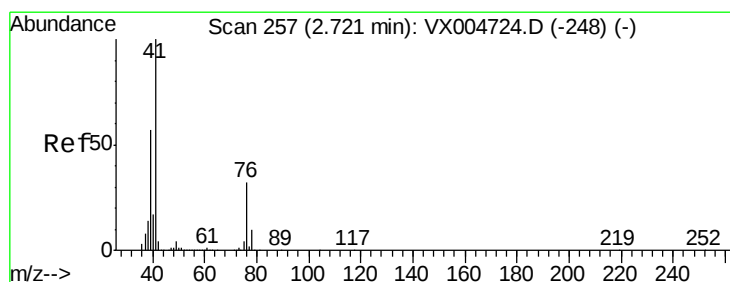
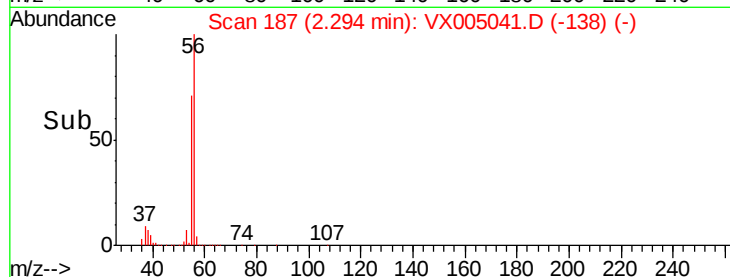
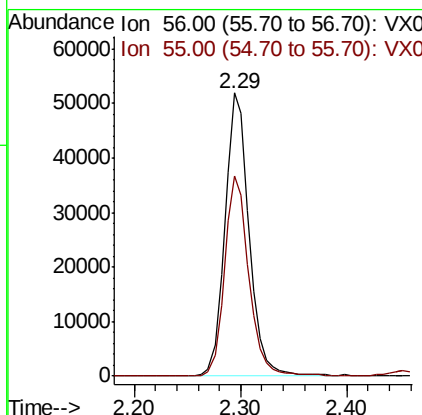
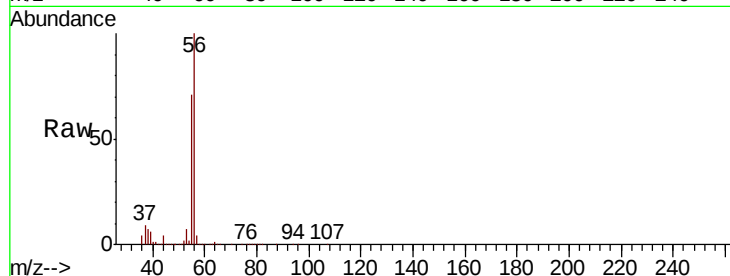
#13
Acrolein
Concen: 132.674 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX005041.D
Acq: 05 Oct 2018 01:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.3	63.4	95.2

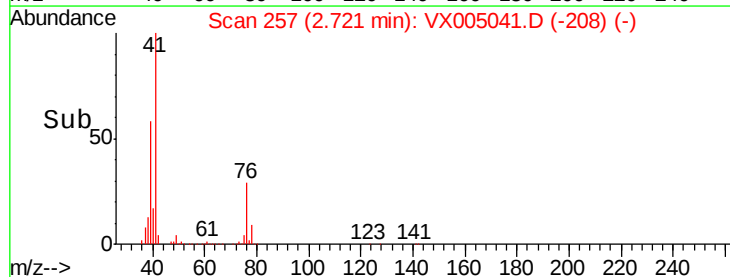
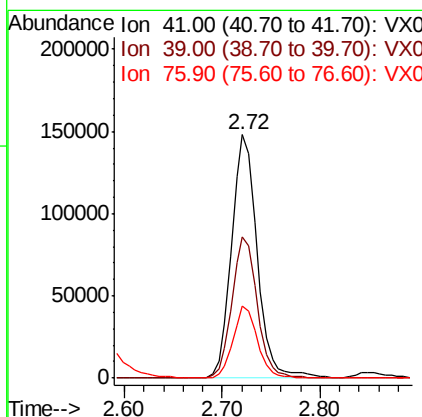
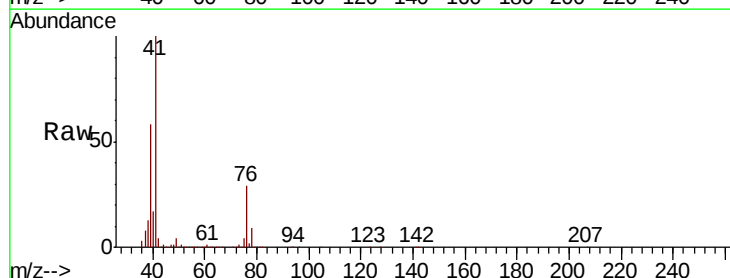
Manual Integrations
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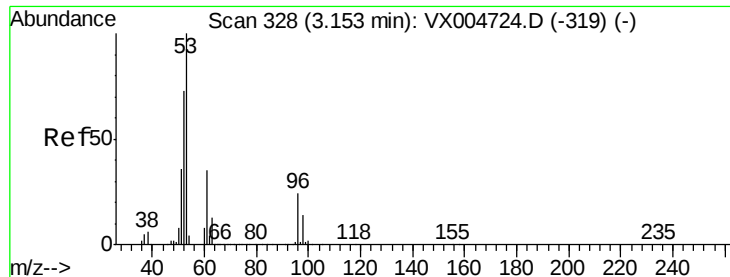
MMDadoda
10/5/2018 3:24:54 PM



#14
Allyl chloride
Concen: 52.313 ug/l
RT: 2.72 min Scan# 257
Delta R.T. 0.00 min
Lab File: VX005041.D
Acq: 05 Oct 2018 01:23

Tgt Ion	Ratio	Lower	Upper
41	100		
39	57.2	44.1	66.1
76	28.1	25.0	37.4





#15

Acrylonitrile

Concen: 270.480 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

Instrument :

MSVOA_X

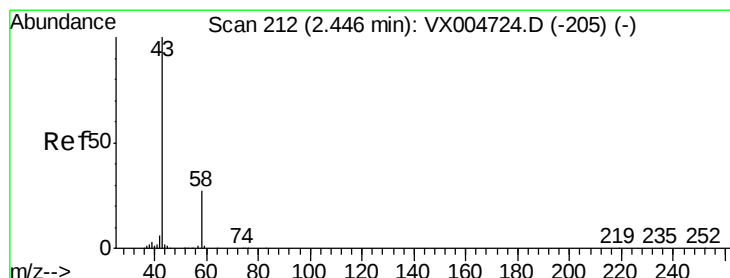
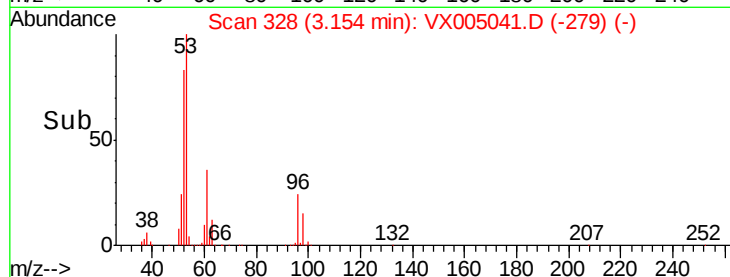
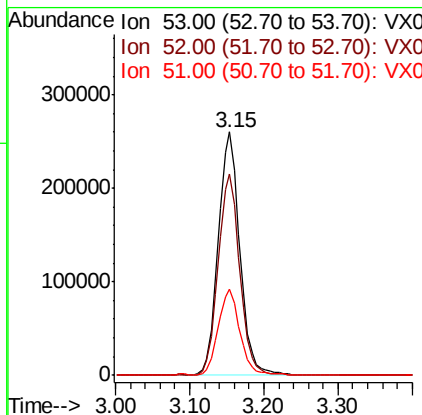
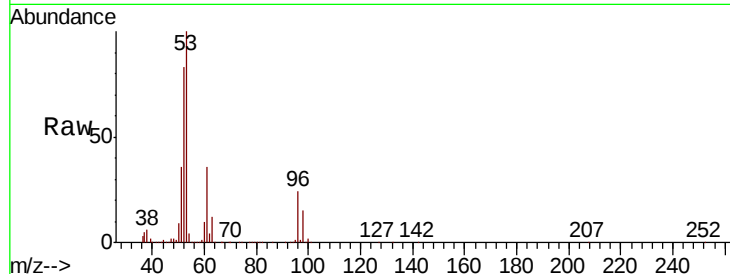
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	517497
Ion Ratio		Lower	Upper
53	100		
52	83.5	63.0	94.4
51	35.9	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 250.767 ug/l

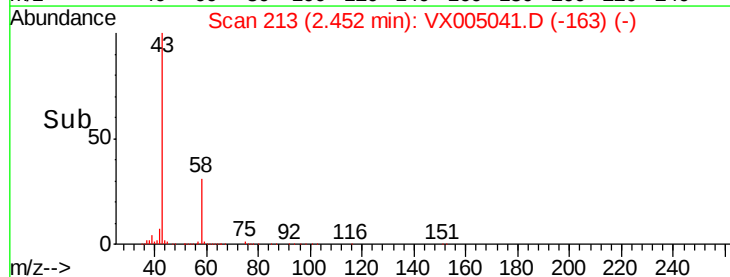
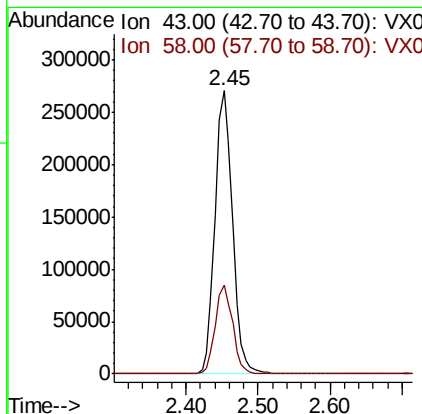
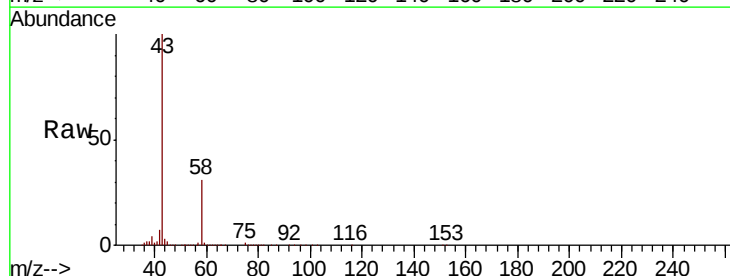
RT: 2.45 min Scan# 213

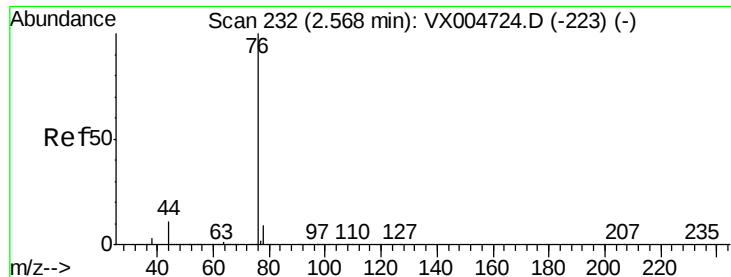
Delta R.T. 0.01 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

Tgt Ion:	43	Resp:	455066
Ion Ratio		Lower	Upper
43	100		
58	31.3	21.8	32.6





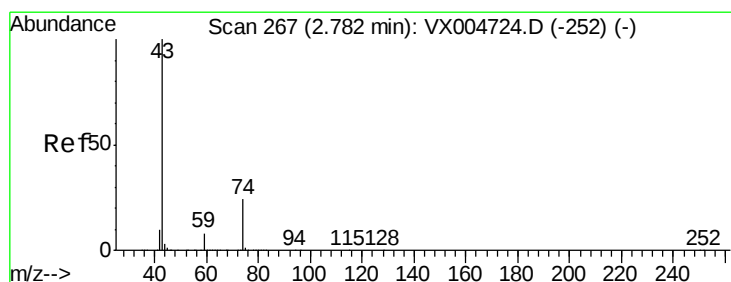
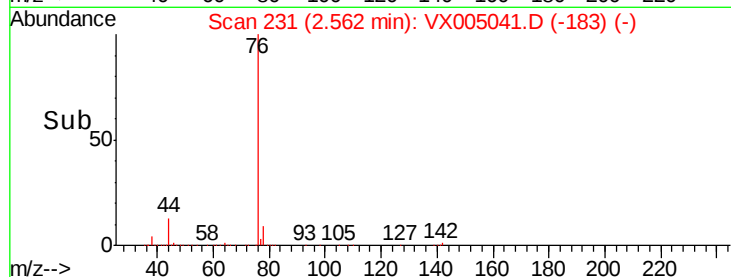
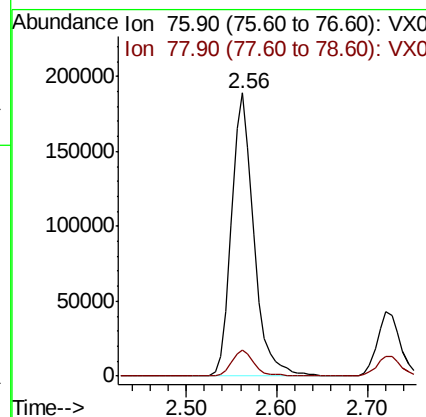
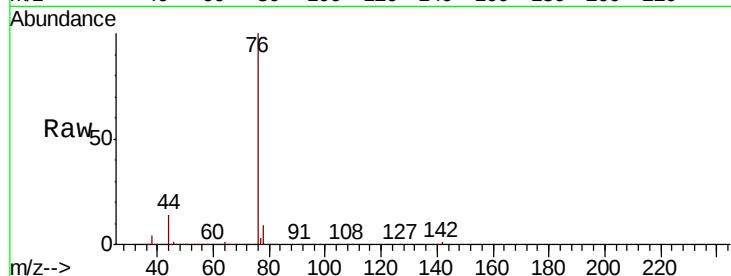
#17
Carbon Disulfide
Concen: 45.594 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX005041.D
Acq: 05 Oct 2018 01:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.0	10.6

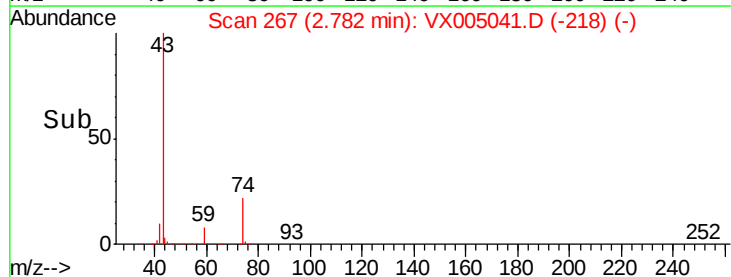
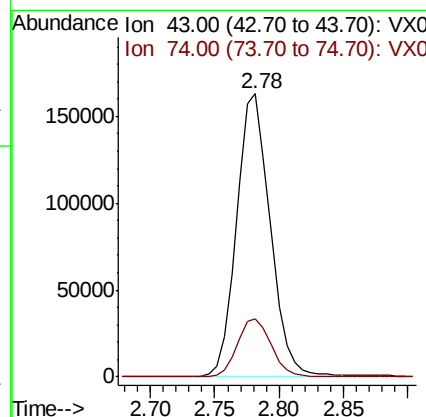
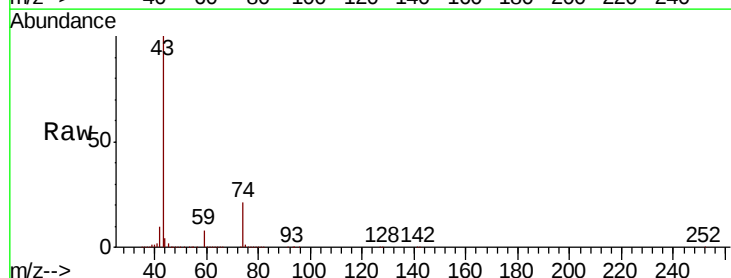
Manual Integrations
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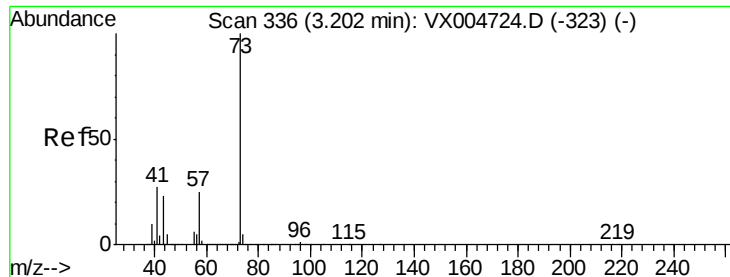
MMDadoda
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#18
Methyl Acetate
Concen: 64.011 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX005041.D
Acq: 05 Oct 2018 01:23

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.6	17.8	26.8





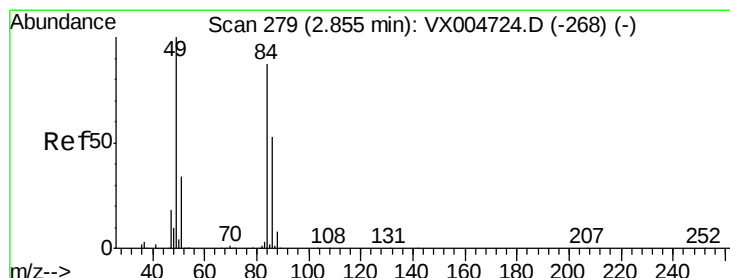
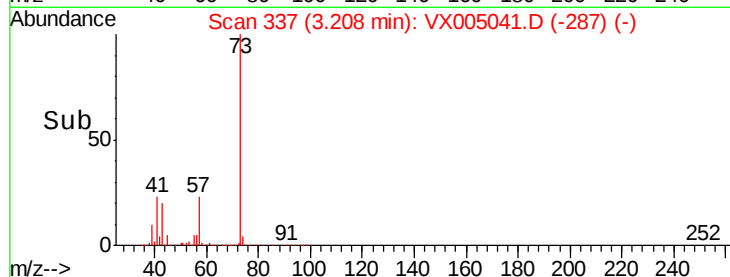
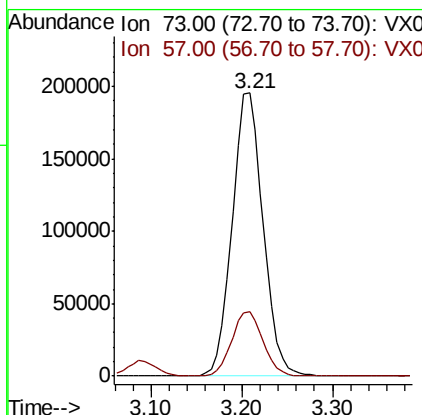
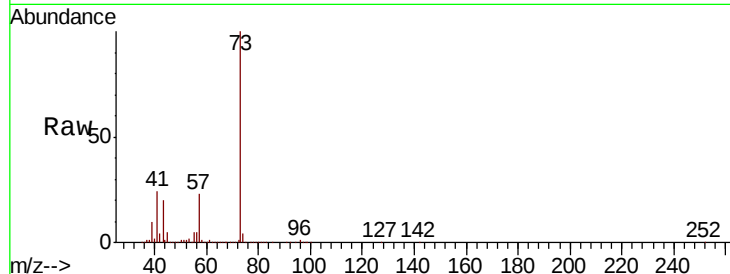
#19
Methvl tert-butvl Ether
Concen: 56.707 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX005041.D
Acq: 05 Oct 2018 01:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.8	19.9	29.9

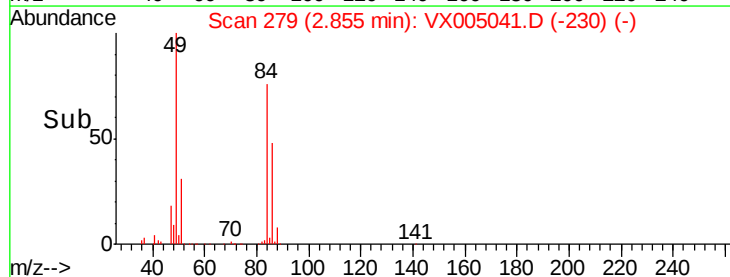
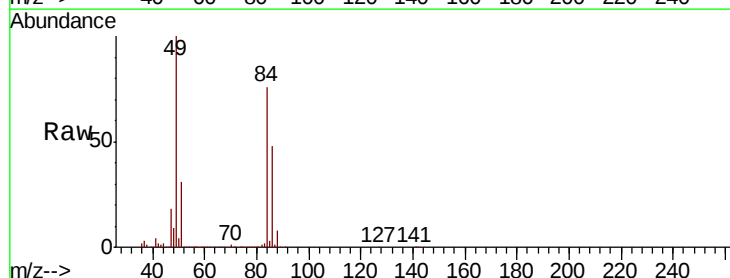
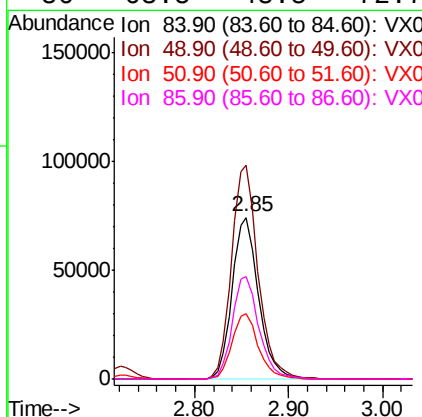
Manual Integrations
APPROVED

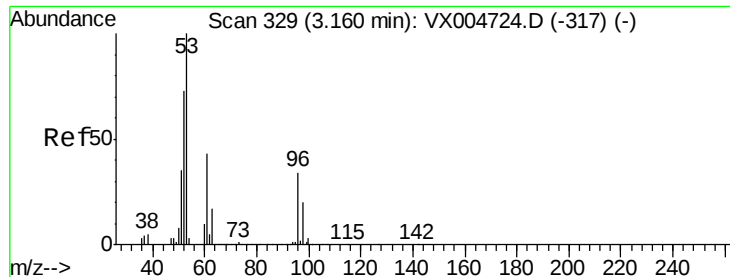
MMDadoda
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#20
Methylene Chloride
Concen: 54.808 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX005041.D
Acq: 05 Oct 2018 01:23

Tgt Ion	Ratio	Lower	Upper
84	100		
49	131.9	92.3	138.5
51	40.5	31.8	47.6
86	63.5	48.5	72.7





#21

trans-1,2-Dichloroethene

Concen: 50.509 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

Instrument :

MSVOA_X

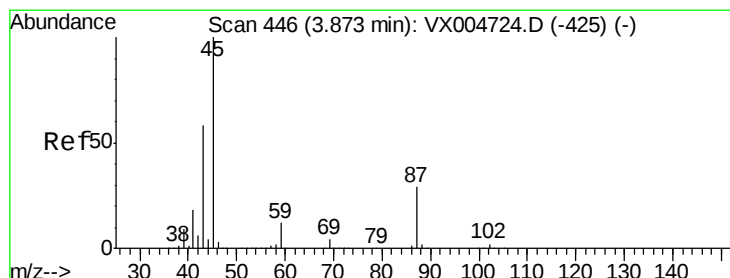
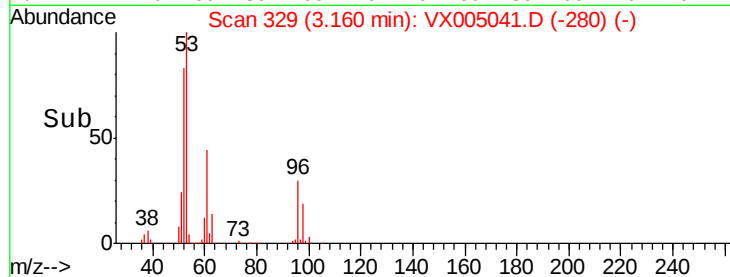
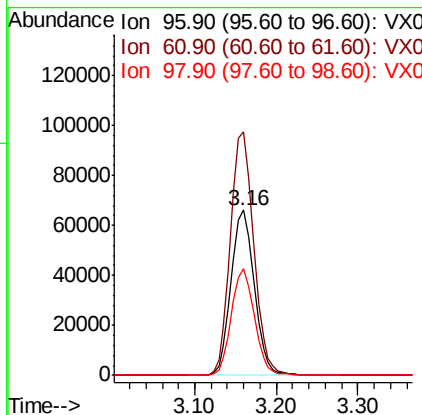
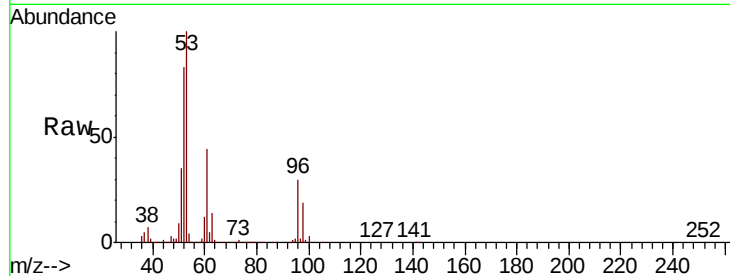
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	130360
Ion	Ratio	Lower	Upper
96	100		
61	147.1	101.0	151.6
98	64.2	47.2	70.8

Manual Integrations
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MMDadoda
10/5/2018 3:24:54 PM



#22

Diisopropyl ether

Concen: 54.611 ug/l

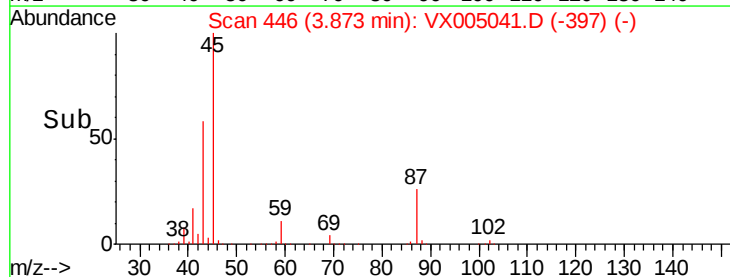
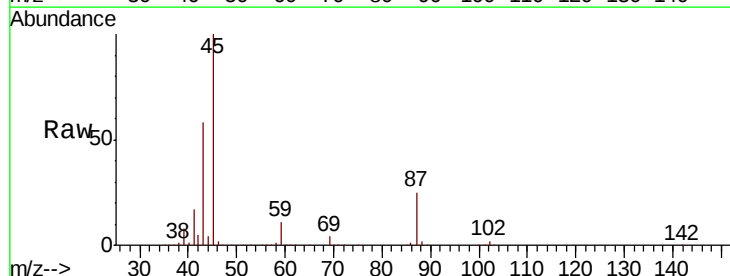
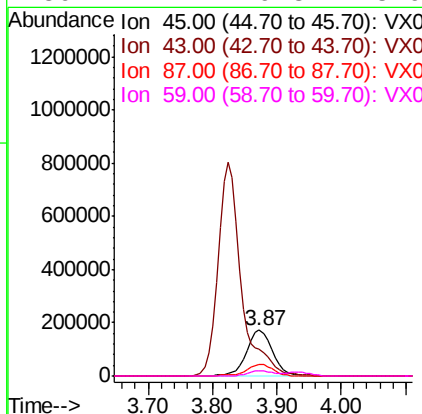
RT: 3.87 min Scan# 446

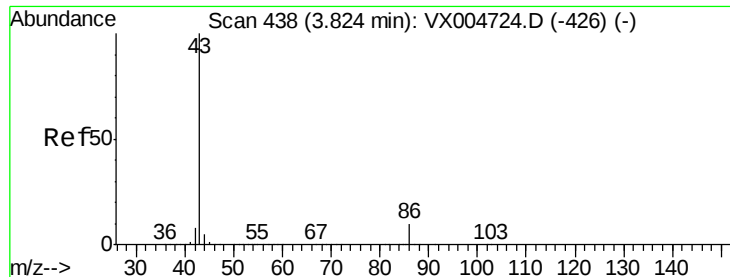
Delta R.T. 0.00 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

Tgt Ion:	45	Resp:	473064
Ion	Ratio	Lower	Upper
45	100		
43	57.7	46.7	70.1
87	25.5	22.9	34.3
59	11.2	9.3	13.9





#23

Vinyl Acetate

Concen: 256.545 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2034226

Ion Ratio Lower Upper

43 100

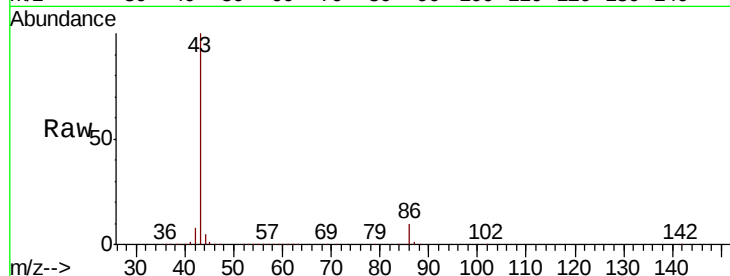
86 9.6 8.1 12.1

Manual Integrations

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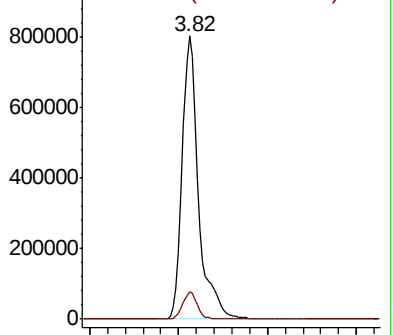
MMDadoda

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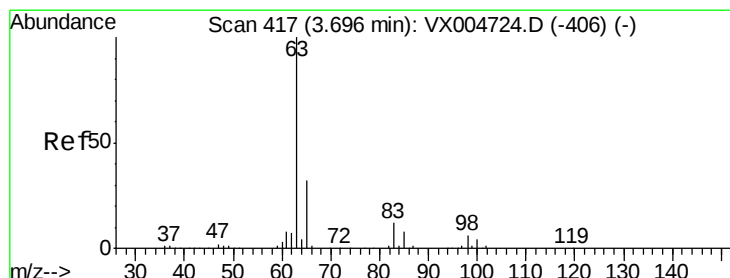
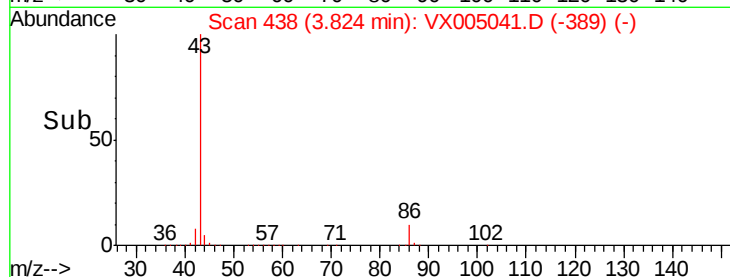


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 50.167 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

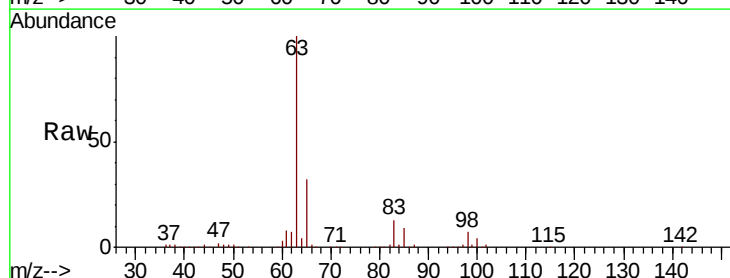
Tgt Ion: 63 Resp: 259228

Ion Ratio Lower Upper

63 100

98 6.6 3.0 9.2

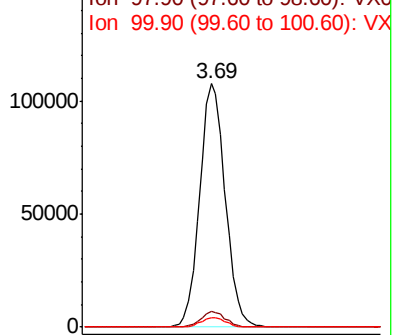
100 4.1 2.0 5.8



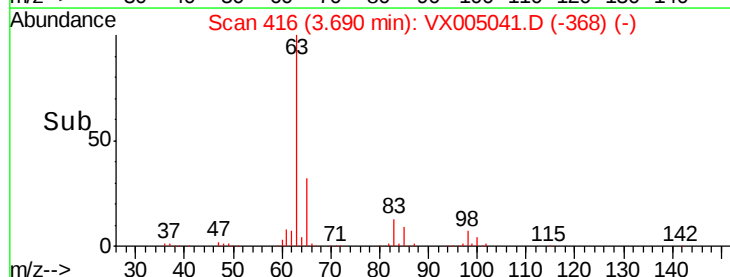
Abundance Ion 62.90 (62.60 to 63.60): VX0

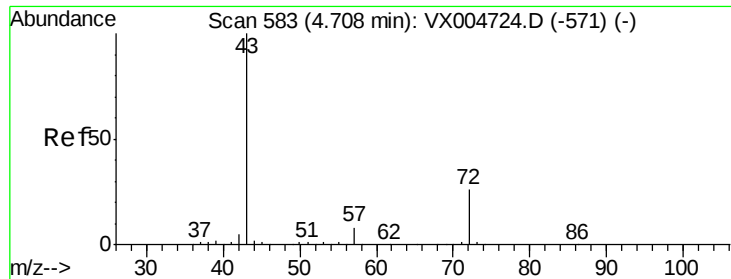
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->





#25

2-Butanone

Concen: 257.682 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 689277

Ion Ratio Lower Upper

43 100

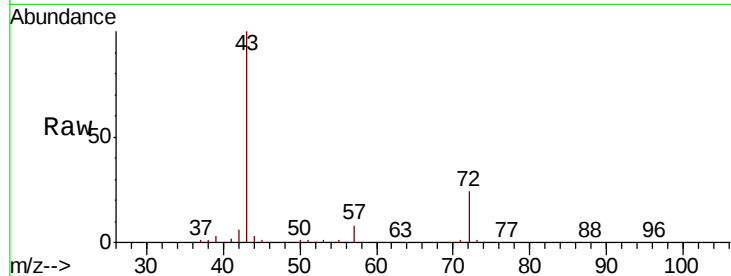
72 24.4 20.8 31.2

Manual Integrations

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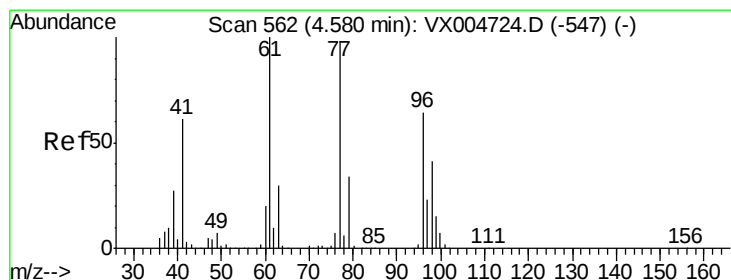
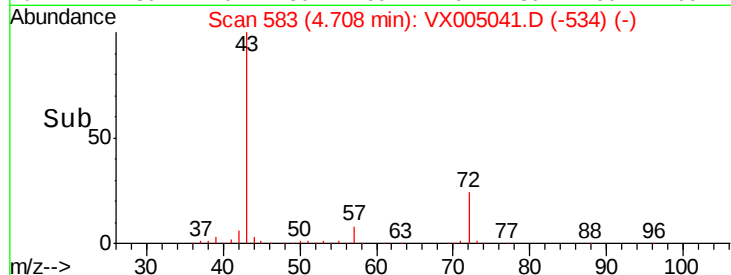
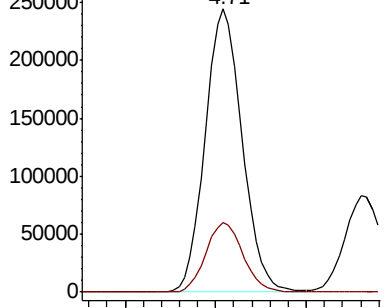
MMDadoda

10/5/2018 3:24:54 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 39.819 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX005041.D

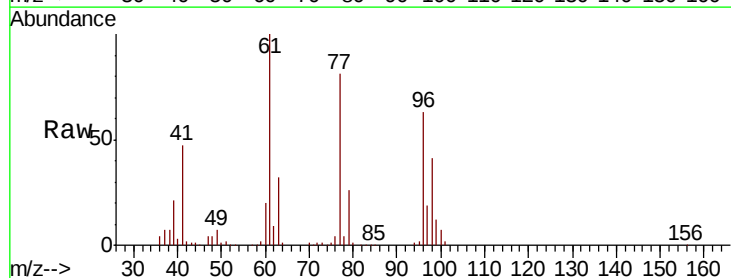
Acq: 05 Oct 2018 01:23

Tgt Ion: 77 Resp: 143280

Ion Ratio Lower Upper

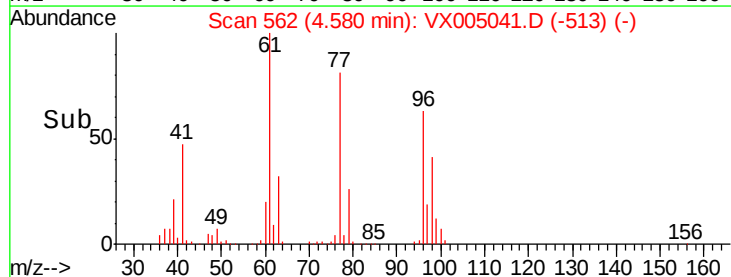
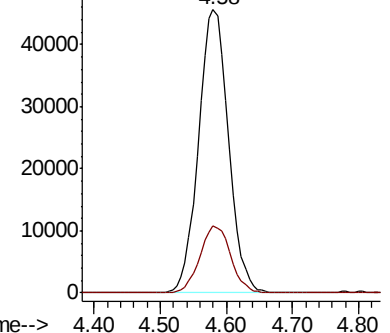
77 100

97 24.2 12.6 37.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

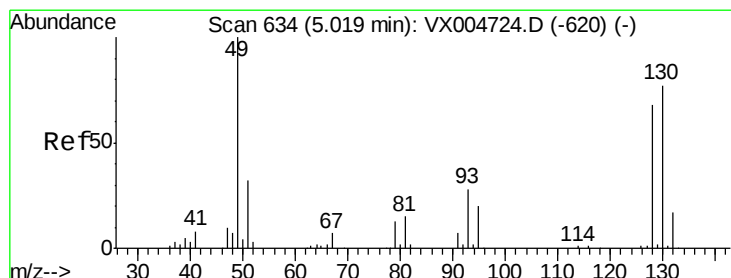
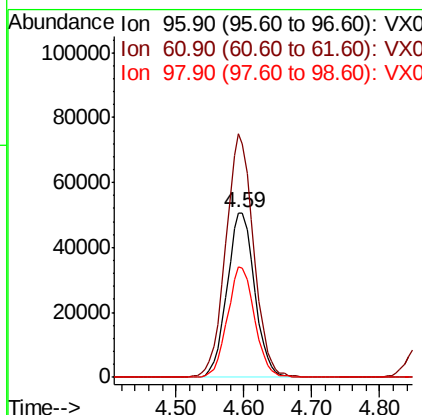
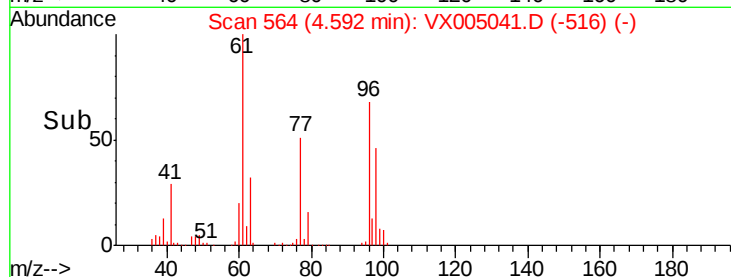
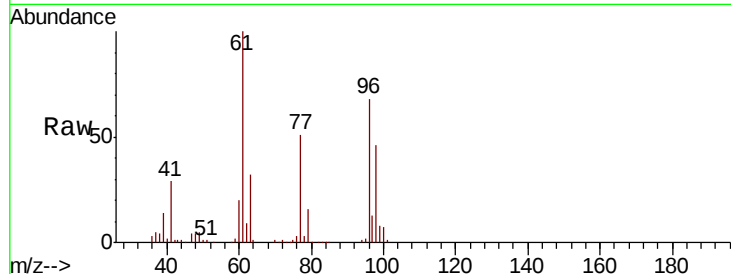
cis-1,2-Dichloroethene
Concen: 49.522 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX005041.D
Acq: 05 Oct 2018 01:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	142783		
61	148.2	0.0	285.8	
98	65.9	0.0	136.2	

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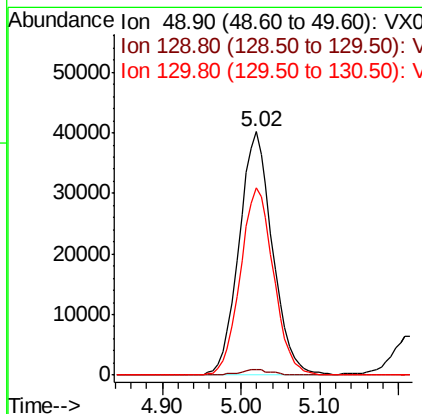
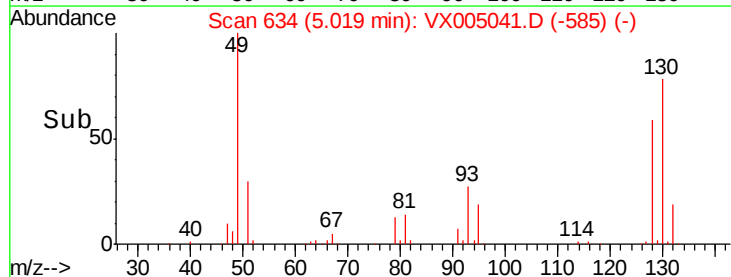
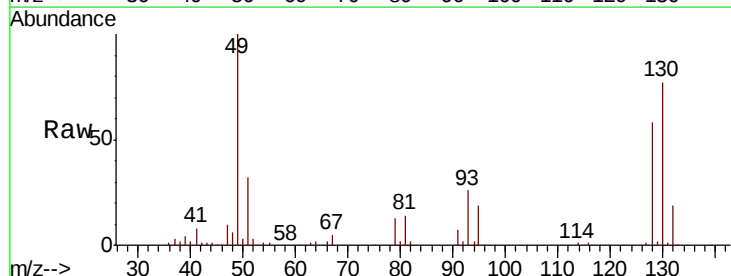
MMDadoda
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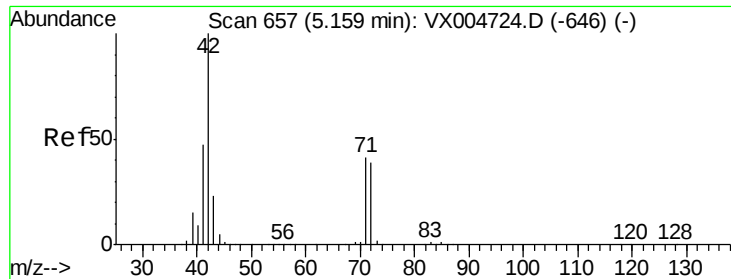


#28

Bromochloromethane
Concen: 48.684 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX005041.D
Acq: 05 Oct 2018 01:23

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	118464		
129	2.0	0.0	4.2	
130	76.4	62.0	93.0	





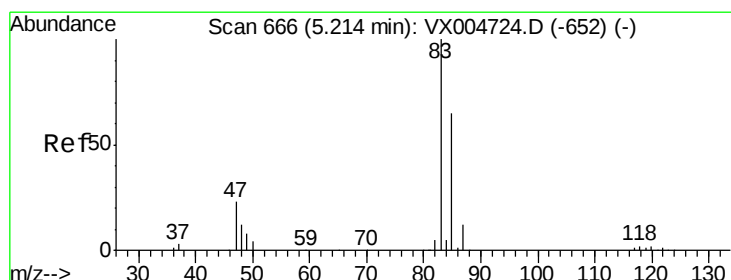
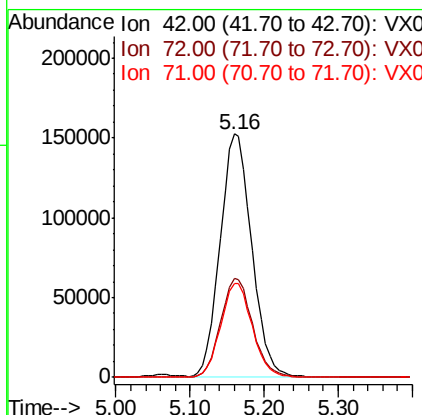
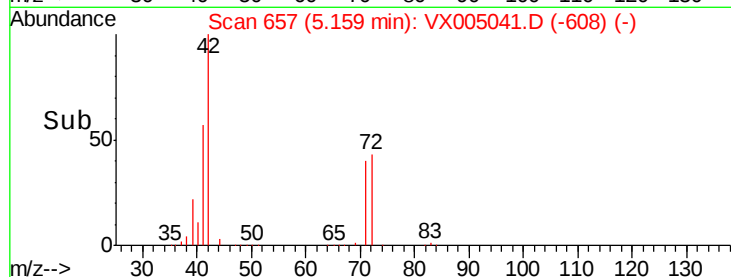
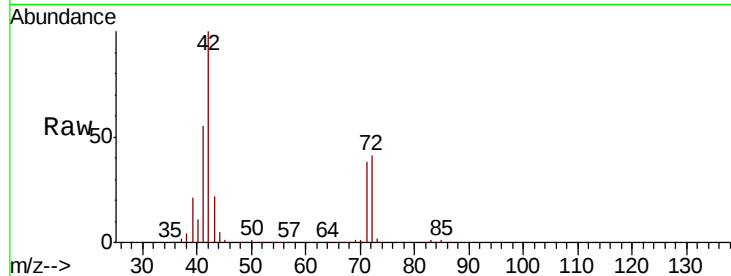
#29
Tetrahydrofuran
Concen: 270.474 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX005041.D
Acq: 05 Oct 2018 01:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.1	33.7	50.5
71	38.7	32.2	48.4

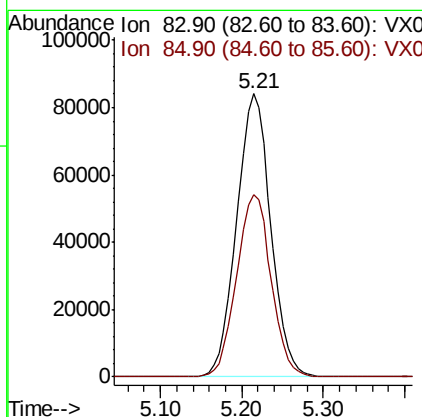
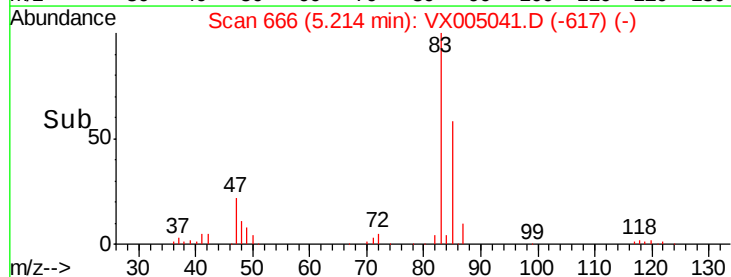
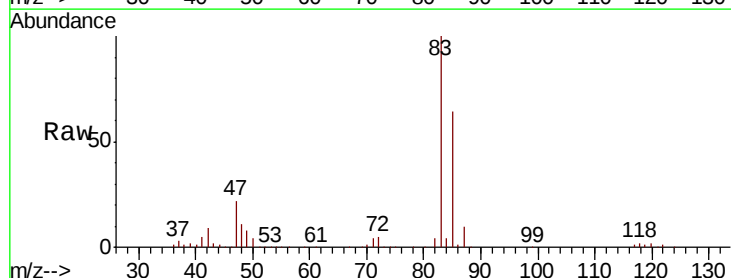
Manual Integrations
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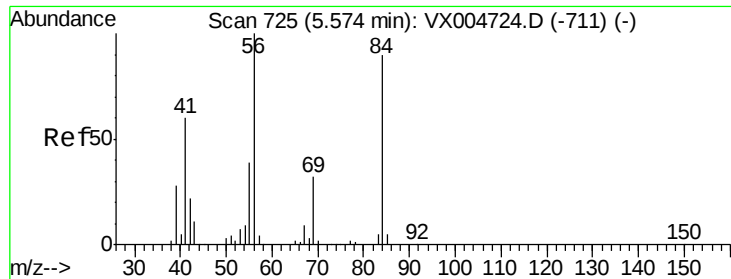
MMDadoda
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#30
Chloroform
Concen: 49.954 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX005041.D
Acq: 05 Oct 2018 01:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	52.4	78.6





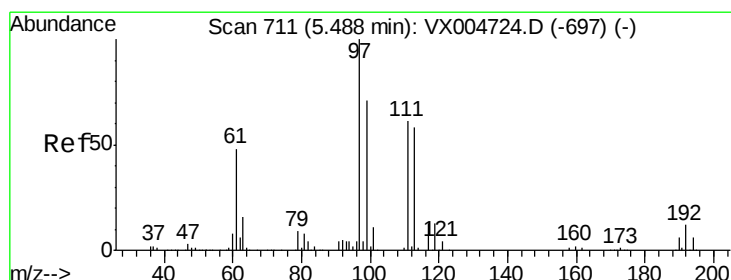
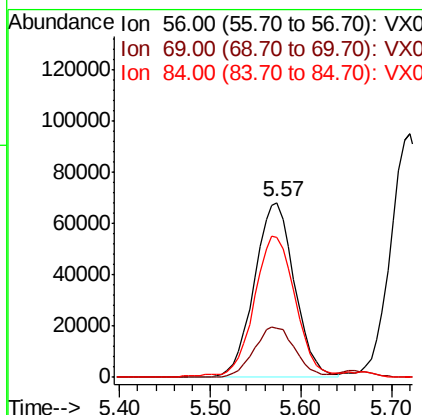
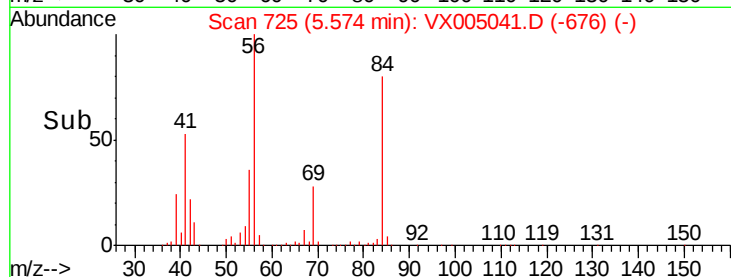
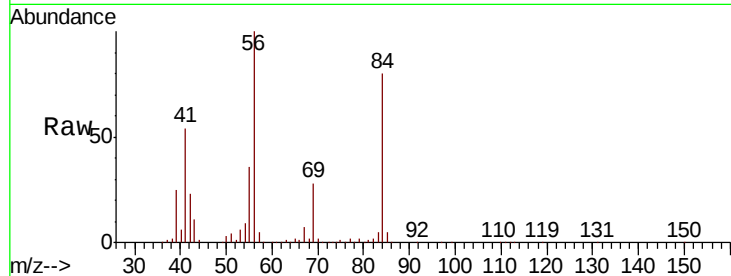
#31
Cyclohexane
Concen: 52.714 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX005041.D
Acq: 05 Oct 2018 01:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.3	25.9	38.9
84	79.2	71.9	107.9

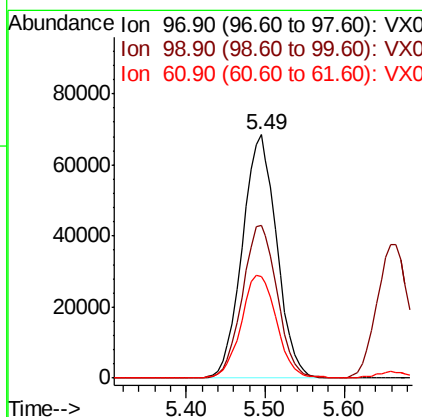
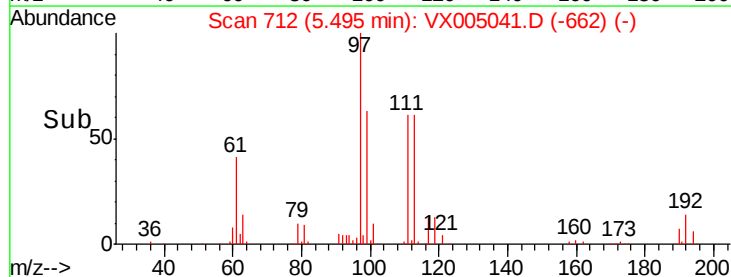
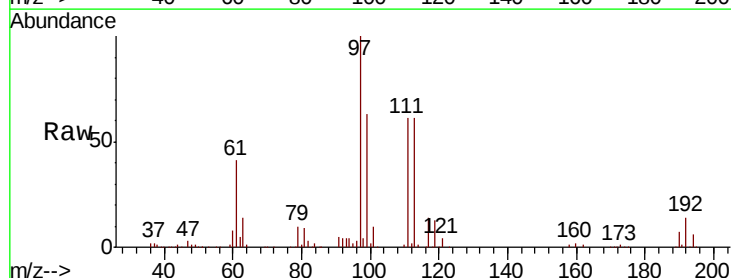
Manual Integrations
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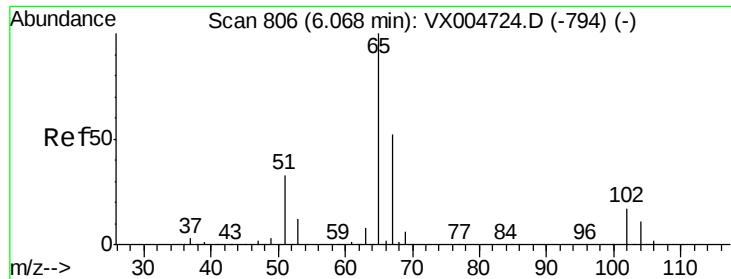
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 52.075 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.01 min
Lab File: VX005041.D
Acq: 05 Oct 2018 01:23

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.5	54.6	82.0
61	43.4	37.5	56.3





#33

1,2-Dichloroethane-d4

Concen: 49.997 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

Tot Ion: 65 Resp: 155407

Ion Ratio Lower Upper

65 100

67 53.0 0.0 107.4

Instrument :

MSVOA_X

ClientSampleId :

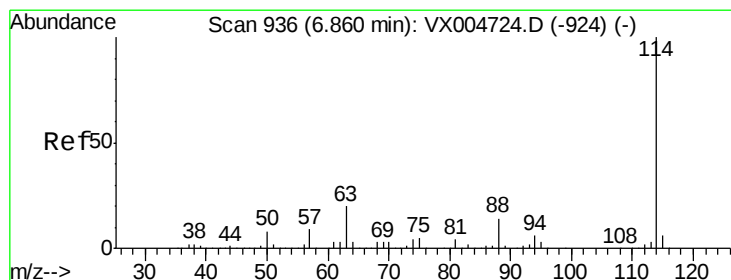
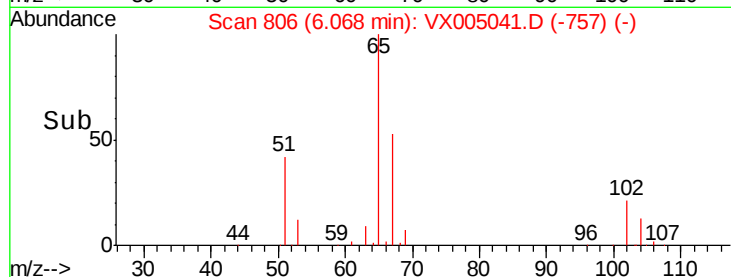
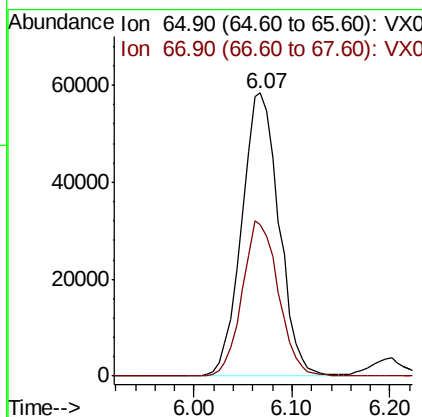
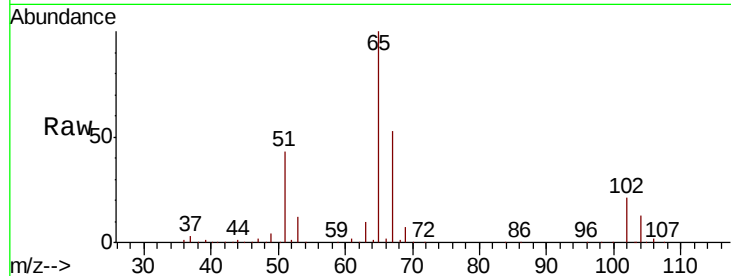
VSTDCCC050EC

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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: VX005041.D

Acq: 05 Oct 2018 01:23

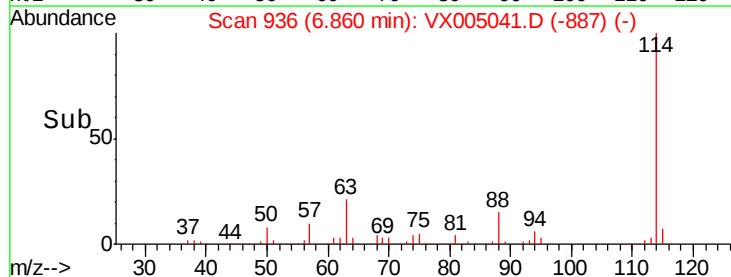
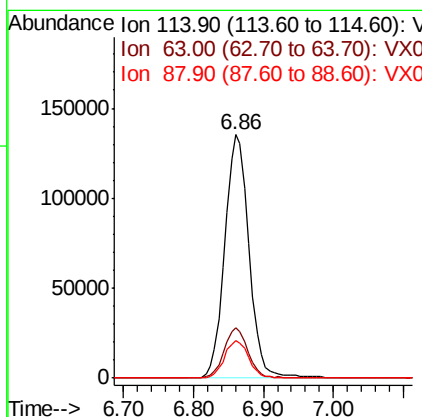
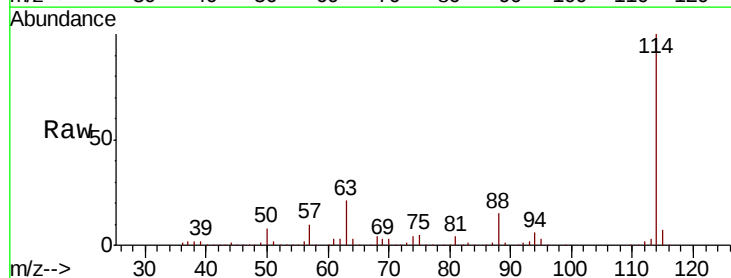
Tgt Ion: 114 Resp: 326511

Ion Ratio Lower Upper

114 100

63 20.9 0.0 39.8

88 15.5 0.0 27.0





#35

Dibromofluoromethane

Concen: 45.192 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

Instrument :

MSVOA_X

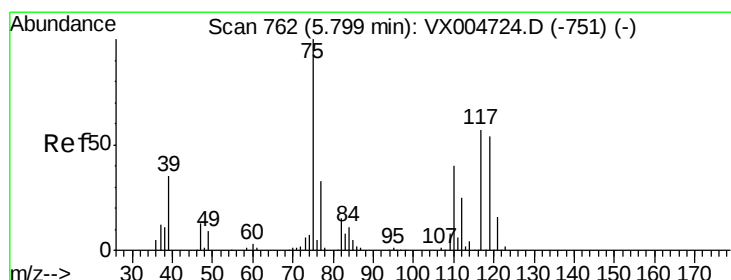
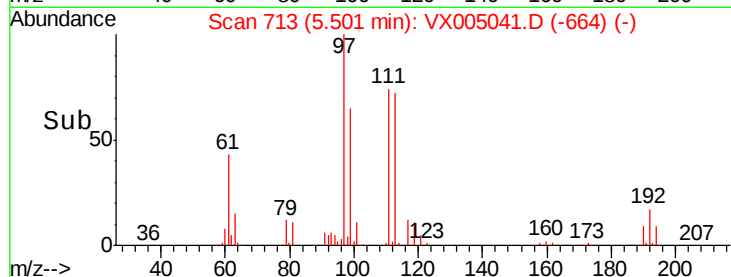
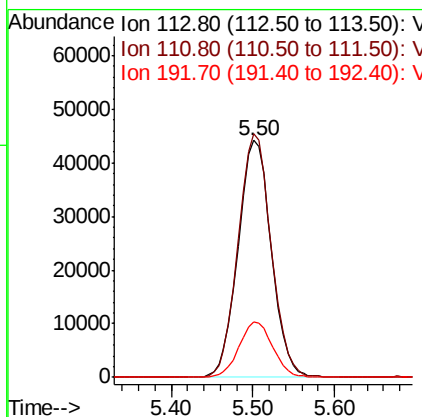
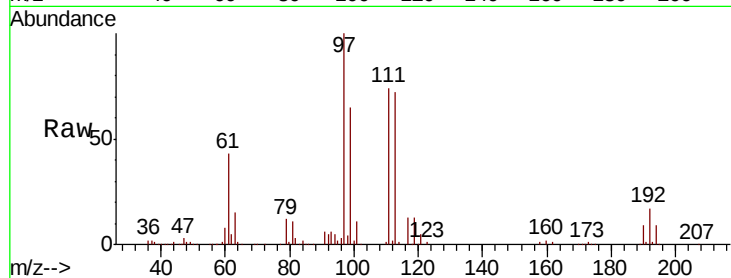
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	125057
Ion Ratio	Lower	Upper	
113	100		
111	102.2	77.0	115.4
192	23.7	17.0	25.6

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 46.916 ug/l

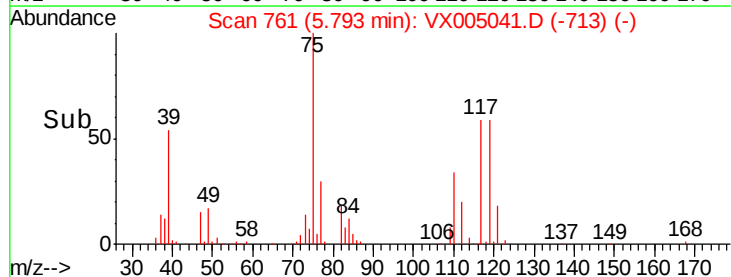
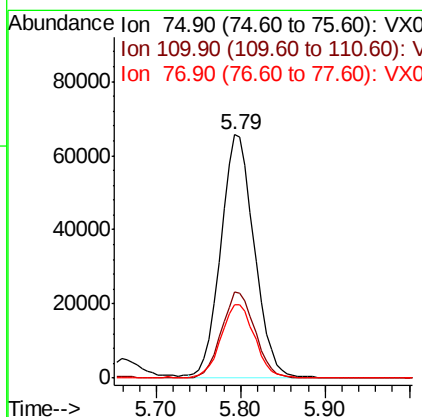
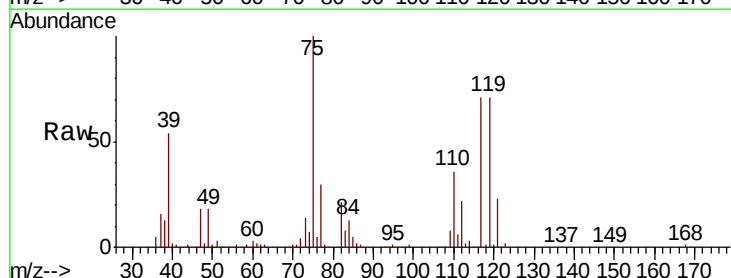
RT: 5.79 min Scan# 761

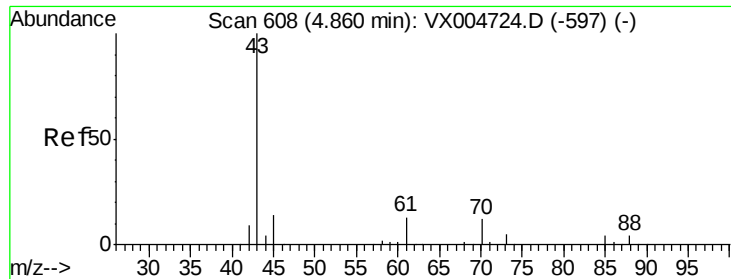
Delta R.T. -0.01 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

Tgt Ion:	75	Resp:	177133
Ion Ratio	Lower	Upper	
75	100		
110	35.7	20.0	59.9
77	30.6	27.1	40.7





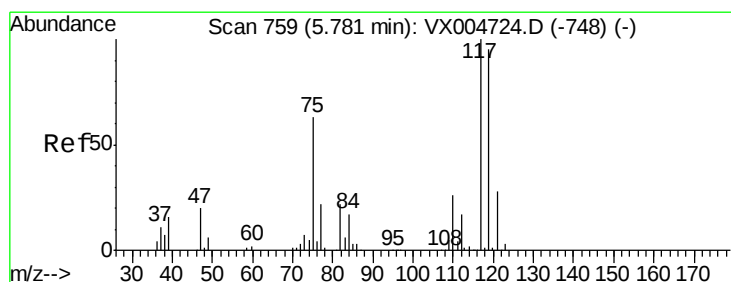
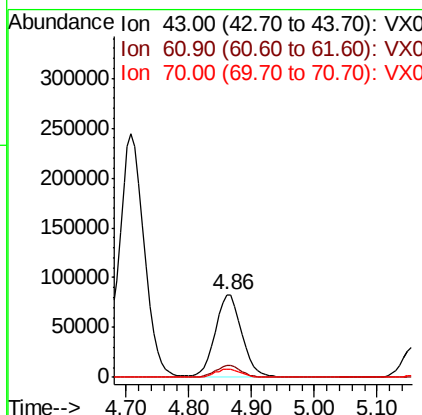
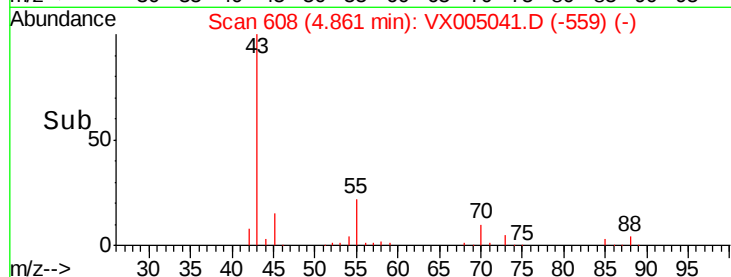
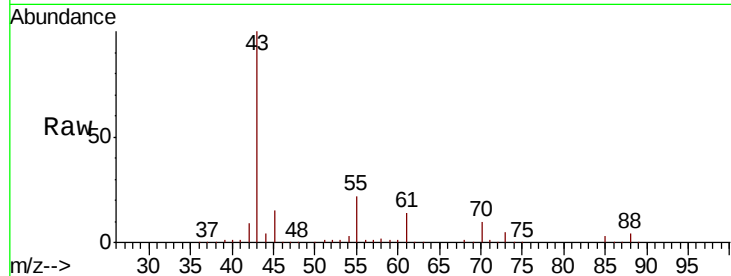
#37
Ethyl Acetate
Concen: 48.677 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX005041.D
Acq: 05 Oct 2018 01:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.4	15.6
70	10.1	8.7	13.1

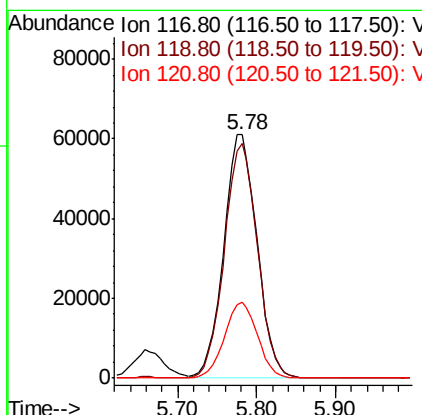
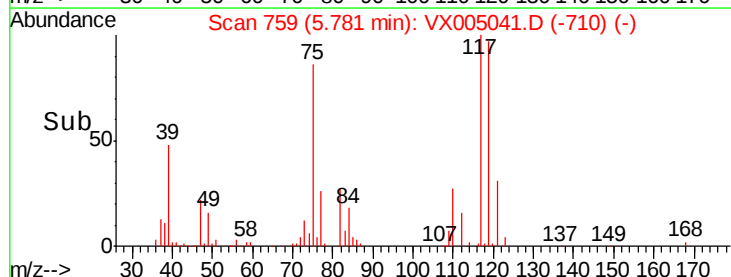
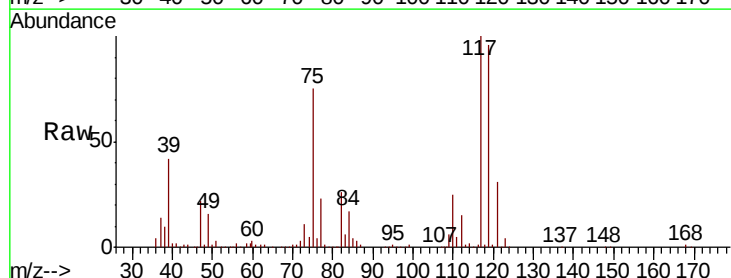
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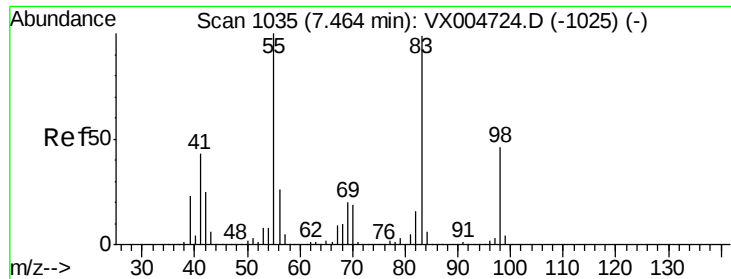
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#38
Carbon Tetrachloride
Concen: 45.099 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX005041.D
Acq: 05 Oct 2018 01:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	75.2	112.8
121	30.9	22.5	33.7





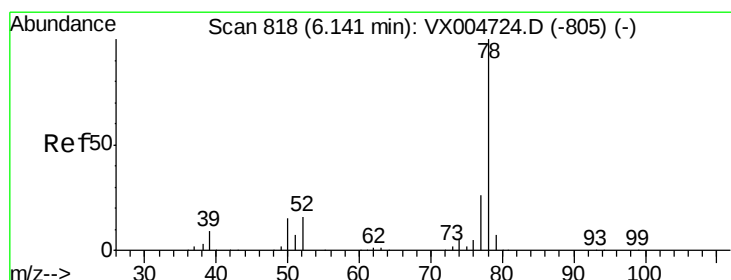
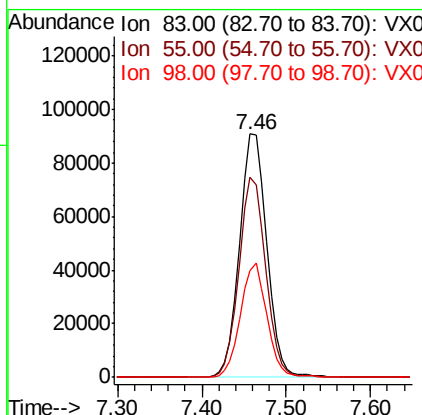
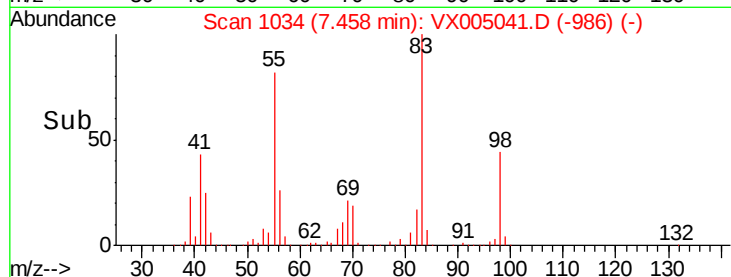
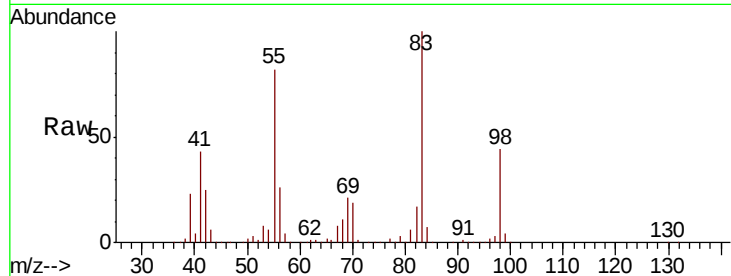
#39
Methylvlcyclohexane
Concen: 51.410 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX005041.D
Acq: 05 Oct 2018 01:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.1	81.1	121.7
98	43.7	37.3	55.9

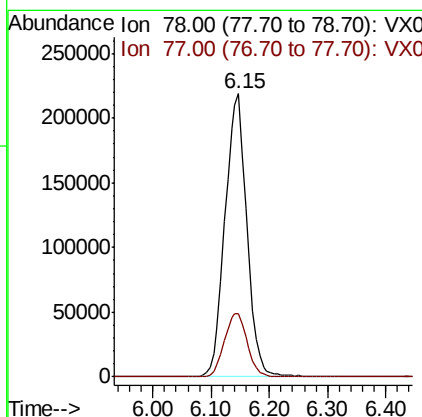
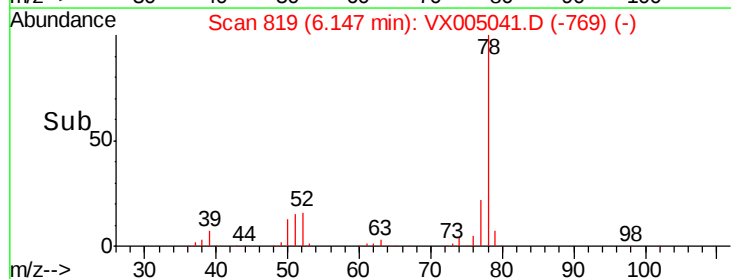
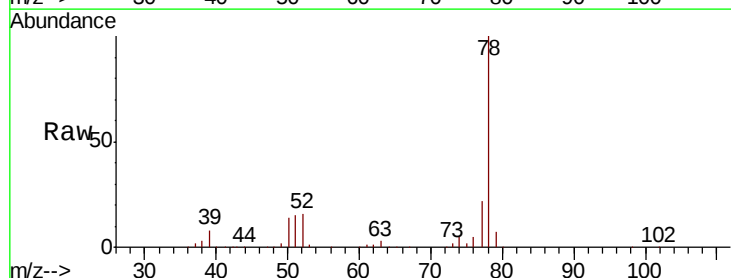
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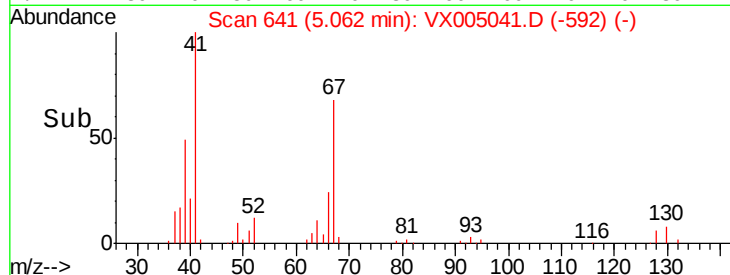
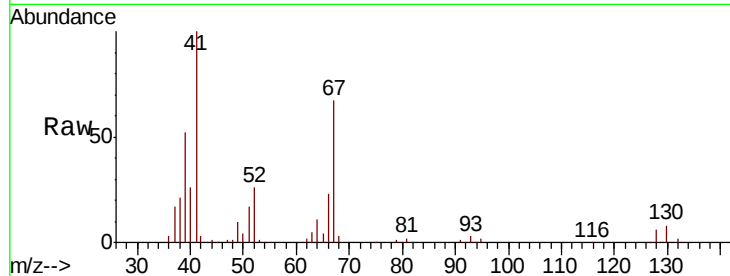
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#40
Benzene
Concen: 48.274 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX005041.D
Acq: 05 Oct 2018 01:23

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.5	21.0	31.4





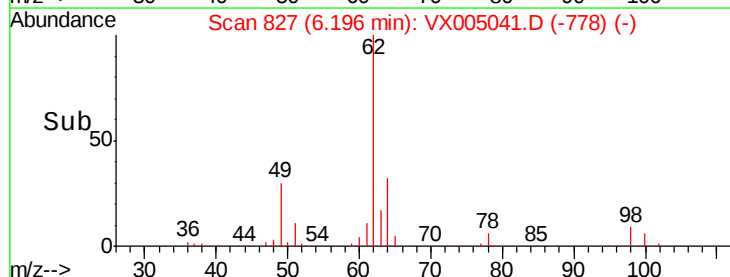
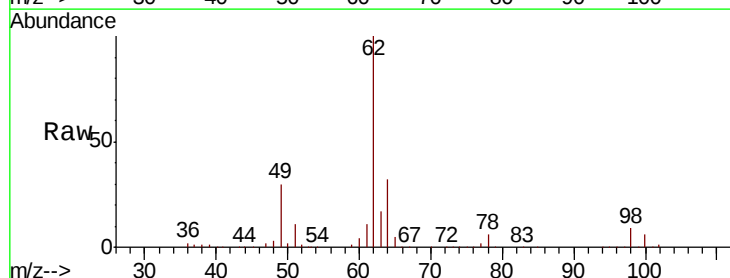
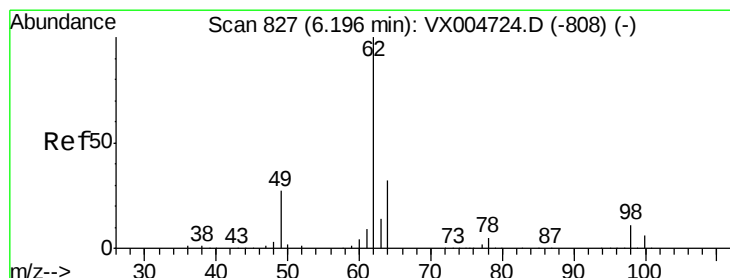
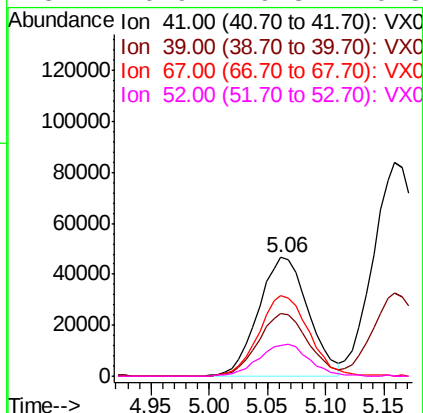
#41
Methacrylonitrile
Concen: 49.626 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX005041.D
Acq: 05 Oct 2018 01:23

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		137926		
39	52.9	42.5	63.7		
67	68.6	53.0	79.6		
52	26.9	19.8	29.8		

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

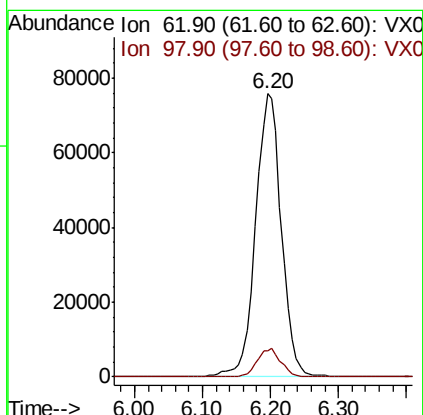
Manual Integrations
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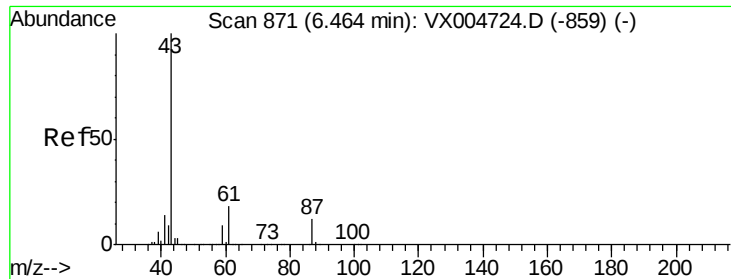
MMDadoda
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#42
1,2-Dichloroethane
Concen: 48.071 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX005041.D
Acq: 05 Oct 2018 01:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		200862		
98	9.2	0.0	20.2		





#43

Isopropyl Acetate

Concen: 51.062 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

Instrument :

MSVOA_X

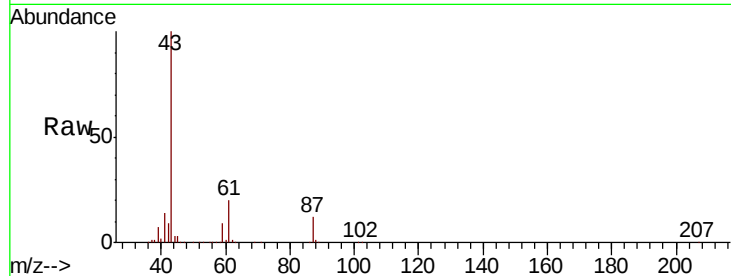
ClientSampleId :

VSTDCCC050EC

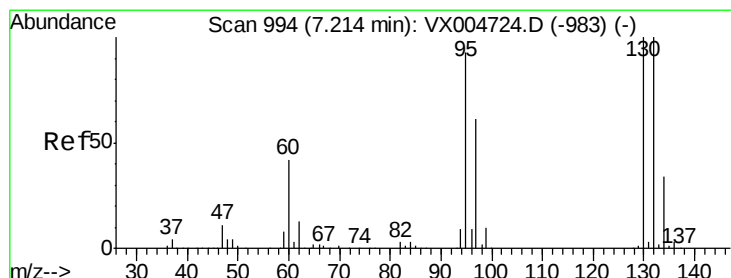
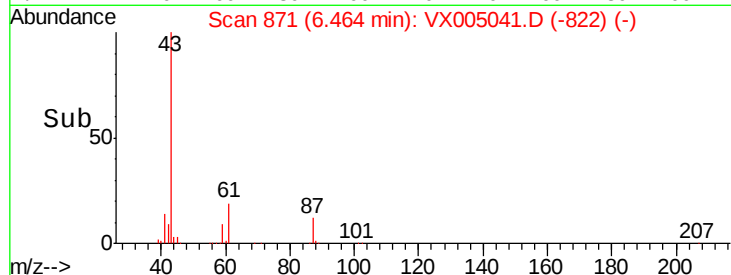
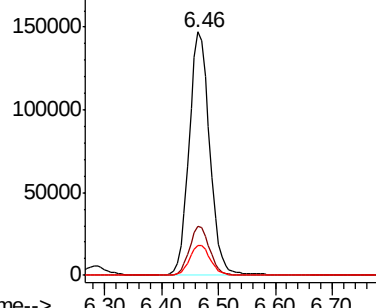
Tot Ion:	43	Resp:	369362
Ion	Ratio	Lower	Upper
43	100		
61	19.7	14.2	21.4
87	12.4	9.3	13.9

Manual Integrations
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Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 51.673 ug/l

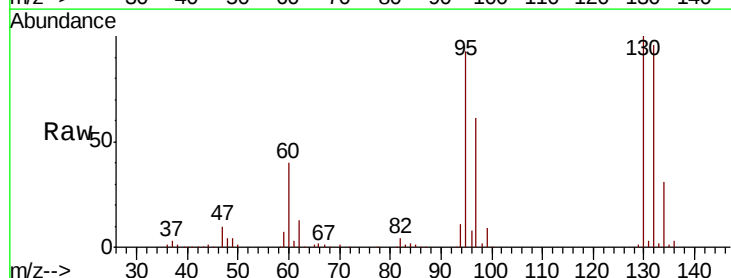
RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

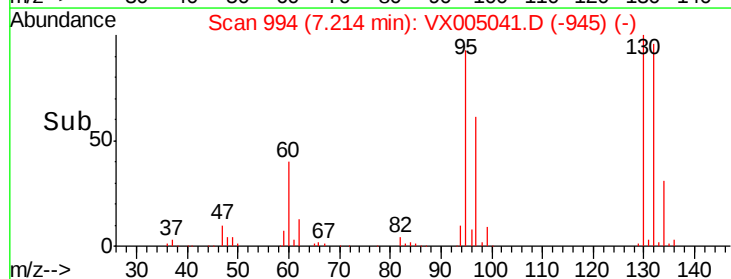
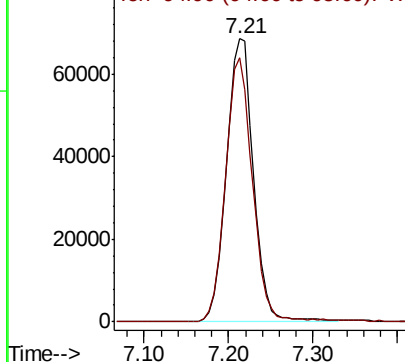
Lab File: VX005041.D

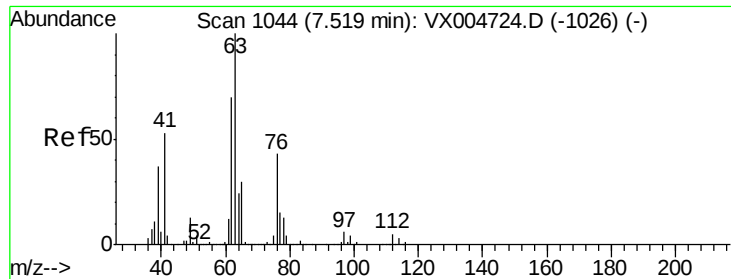
Acq: 05 Oct 2018 01:23

Tgt Ion:	130	Resp:	150146
Ion	Ratio	Lower	Upper
130	100		
95	93.3	0.0	186.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 54.354 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 157551

Ion Ratio Lower Upper

63 100

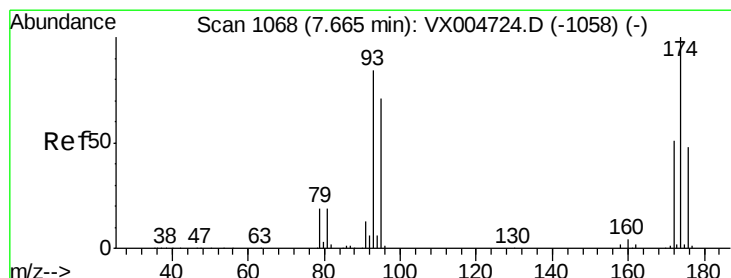
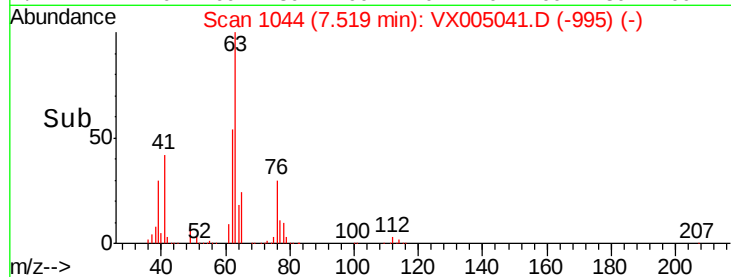
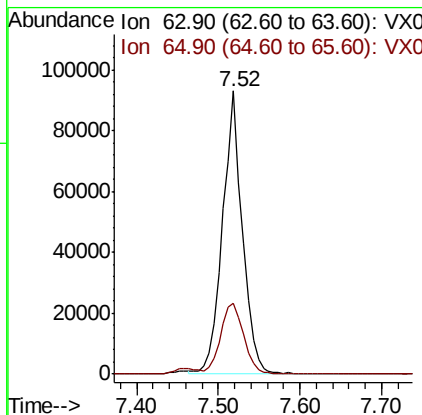
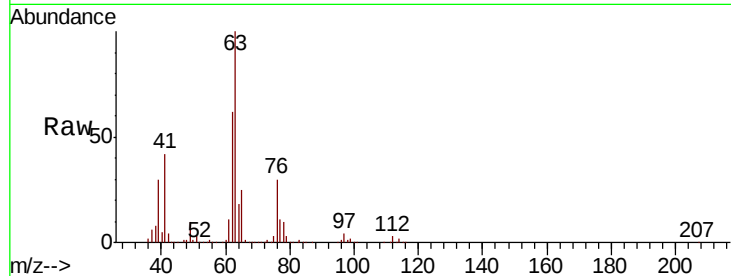
65 25.2 23.9 35.9

Manual Integrations

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#46

Dibromomethane

Concen: 52.359 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

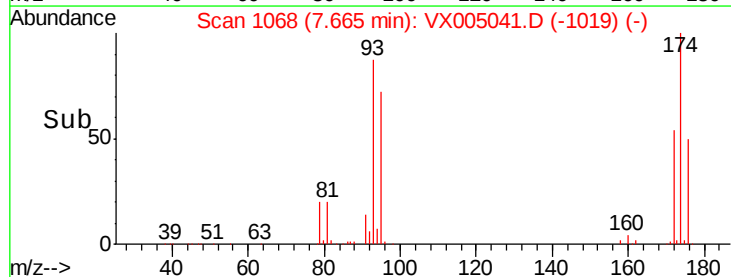
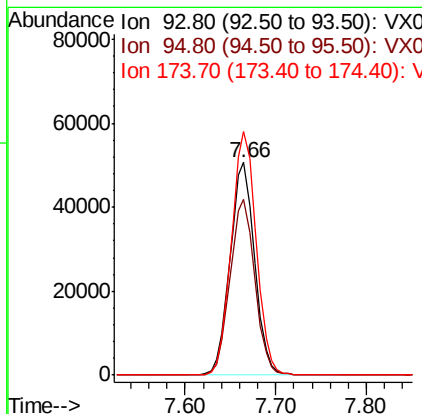
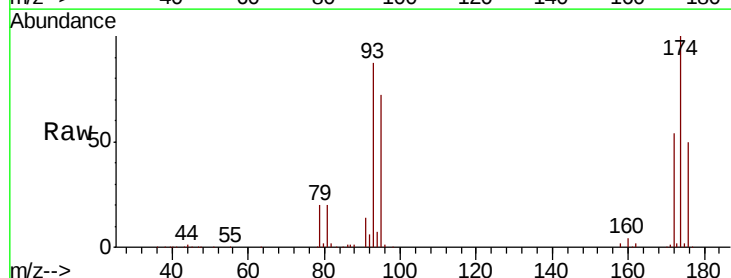
Tgt Ion: 93 Resp: 95381

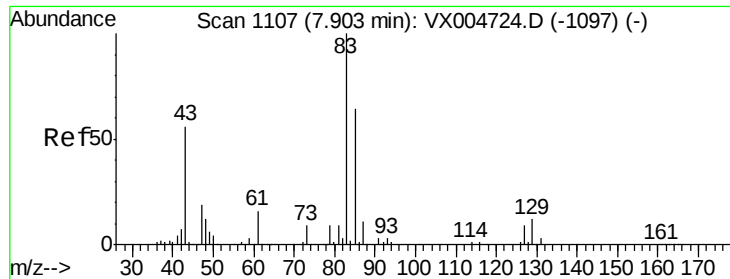
Ion Ratio Lower Upper

93 100

95 83.4 66.7 100.1

174 115.4 92.7 139.1





#47

Bromodichloromethane

Concen: 54.040 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

Instrument :

MSVOA_X

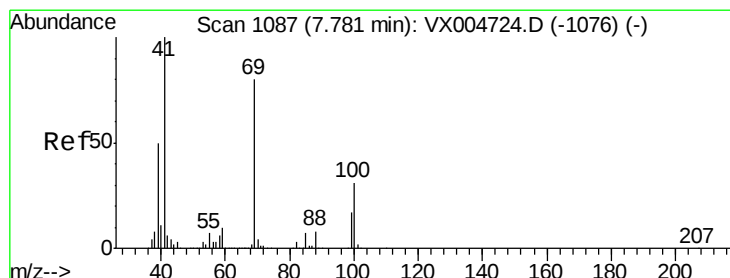
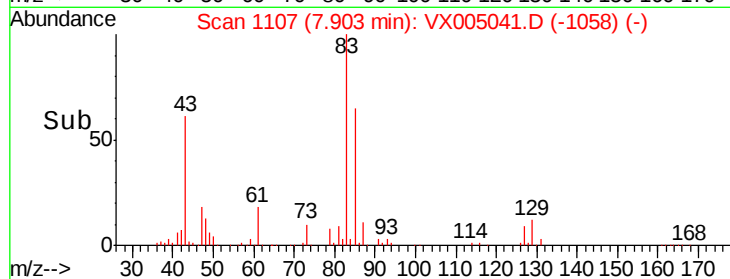
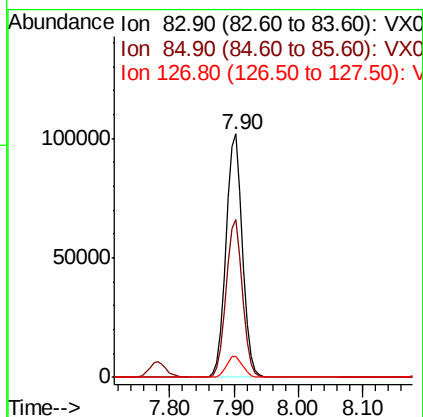
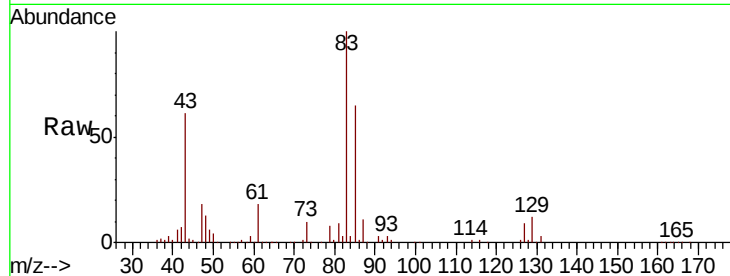
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	184314
Ion Ratio	Lower	Upper	
83	100		
85	64.7	51.2	76.8
127	8.7	7.0	10.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 58.537 ug/l

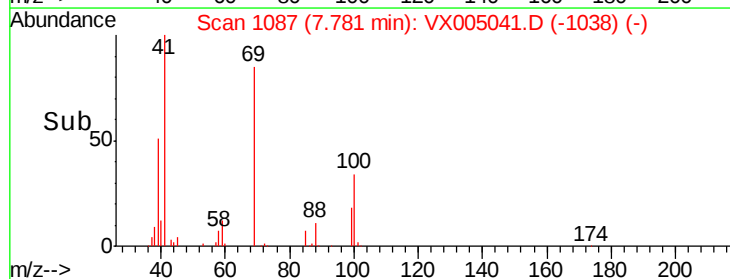
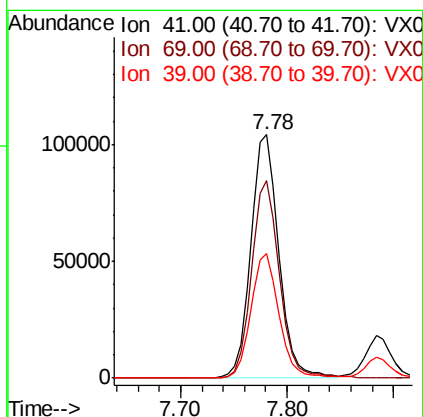
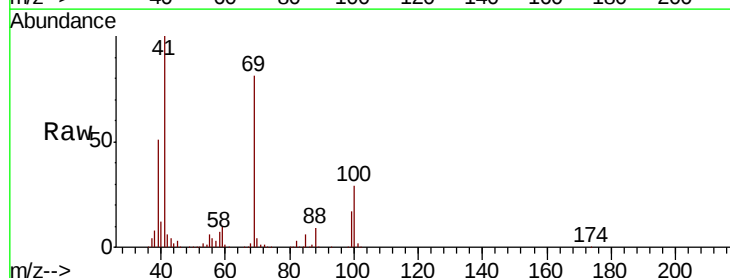
RT: 7.78 min Scan# 1087

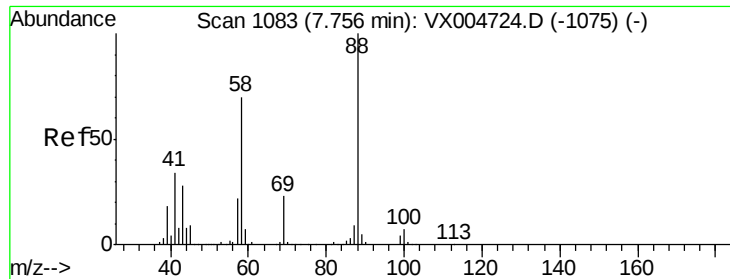
Delta R.T. 0.00 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

Tgt Ion:	41	Resp:	192188
Ion Ratio	Lower	Upper	
41	100		
69	81.1	63.8	95.6
39	51.5	40.7	61.1





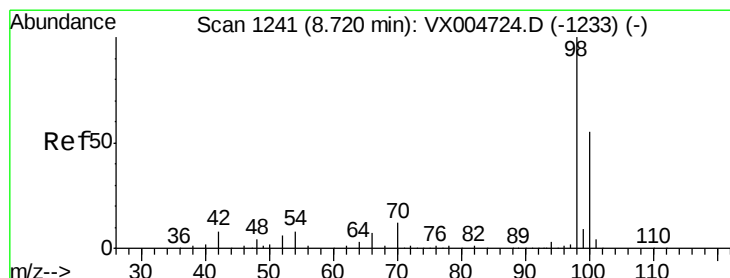
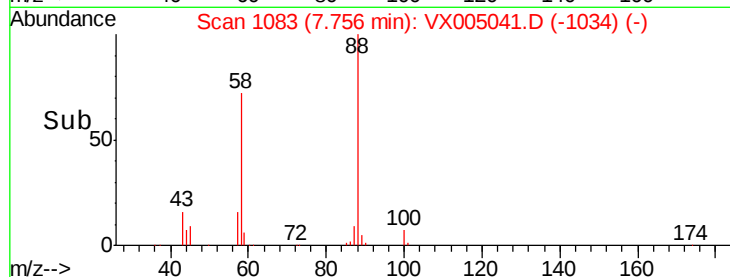
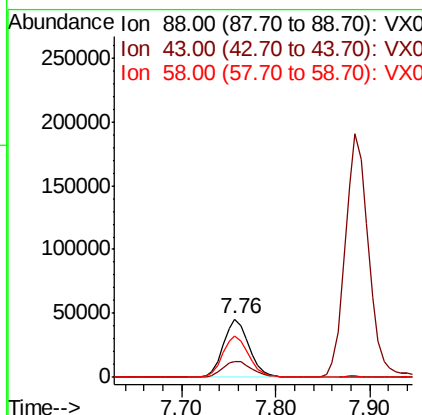
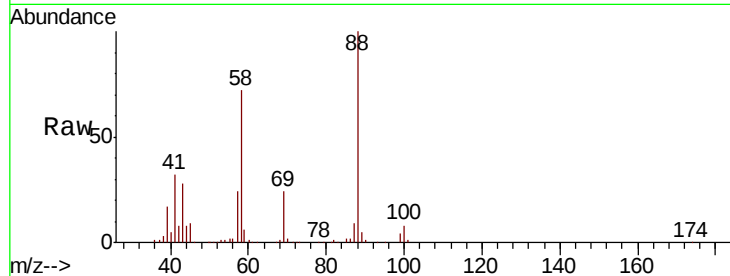
#49
1,4-Dioxane
Concen: 1055.950 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VX005041.D
Acq: 05 Oct 2018 01:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.5	25.1	37.7
58	73.6	56.2	84.2

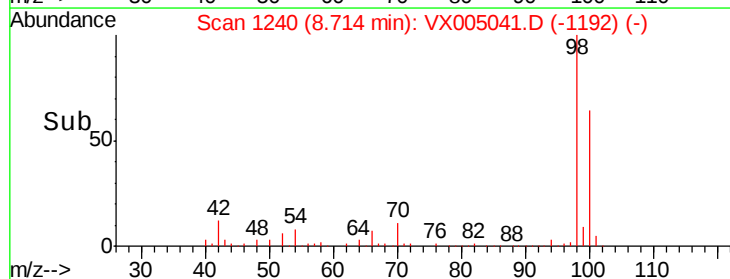
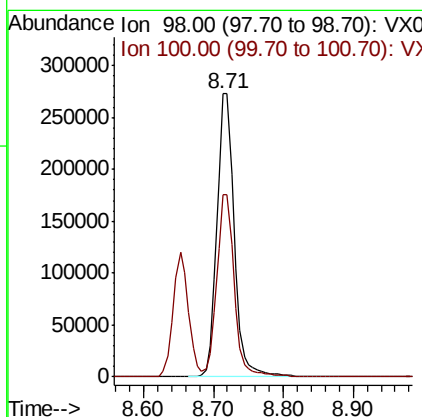
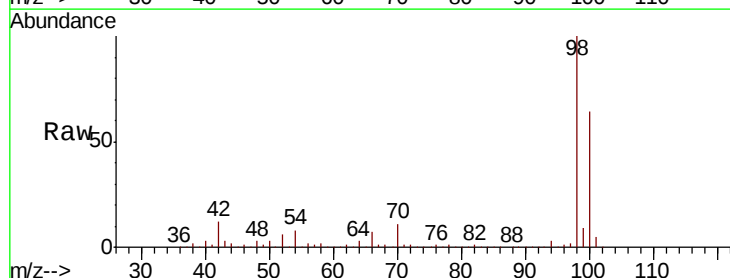
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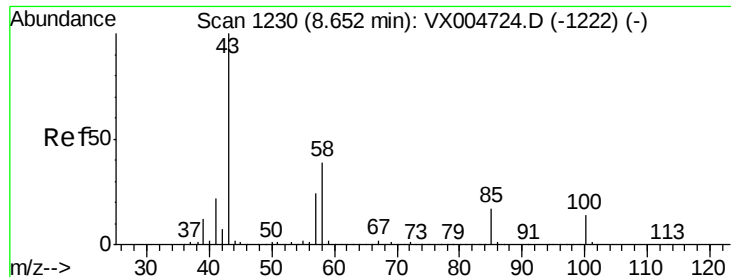
MMDadoda
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#50
Toluene-d8
Concen: 51.090 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX005041.D
Acq: 05 Oct 2018 01:23

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.9	77.9





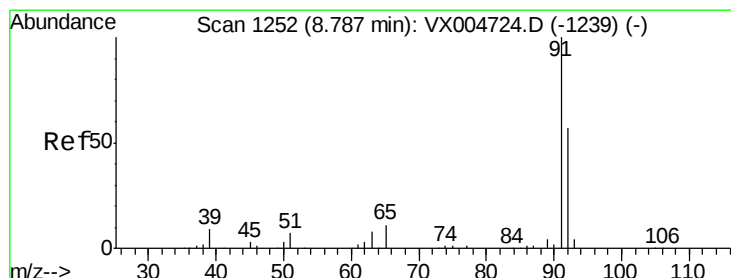
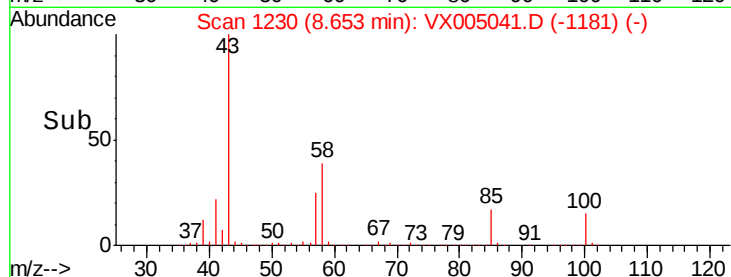
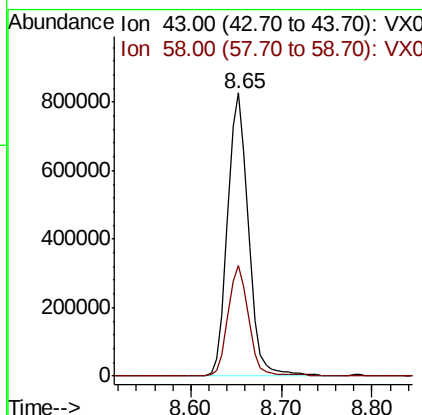
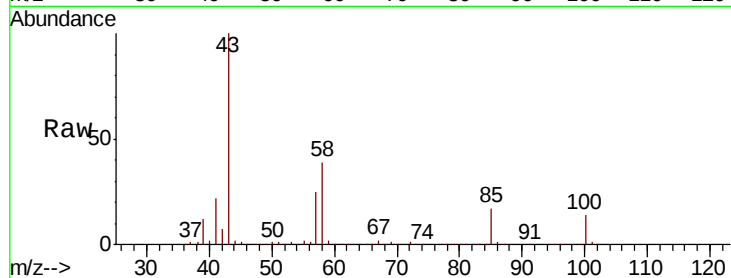
#51
4-Methyl-2-Pentanone
Concen: 290.764 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VX005041.D
Acq: 05 Oct 2018 01:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1324304
Ion Ratio Lower Upper
43 100
58 39.0 30.5 45.7

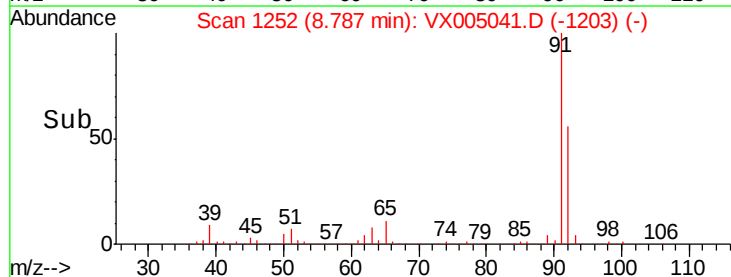
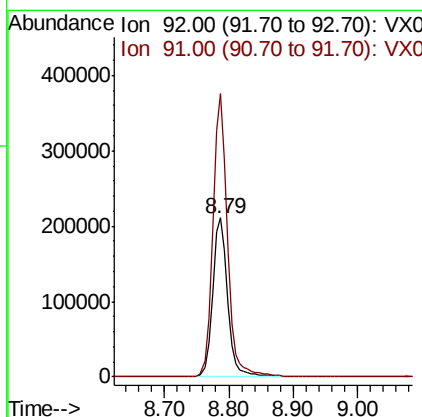
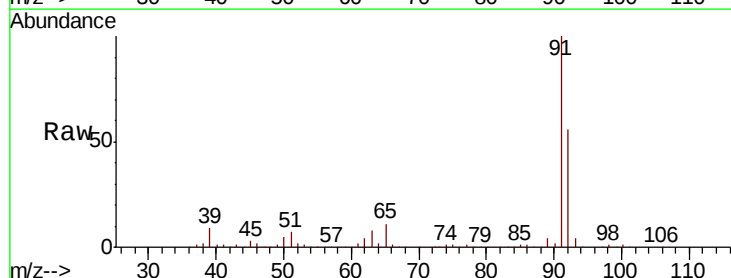
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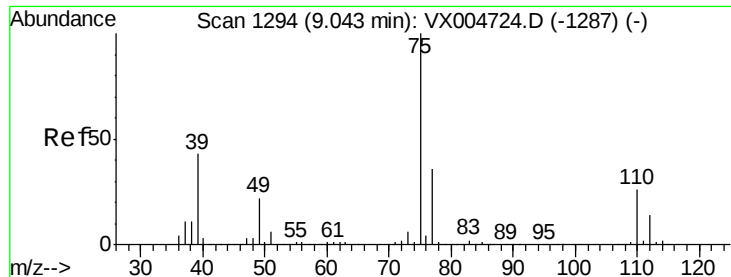
MMDadoda
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#52
Toluene
Concen: 53.053 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX005041.D
Acq: 05 Oct 2018 01:23

Tgt Ion: 92 Resp: 344574
Ion Ratio Lower Upper
92 100
91 173.6 136.7 205.1





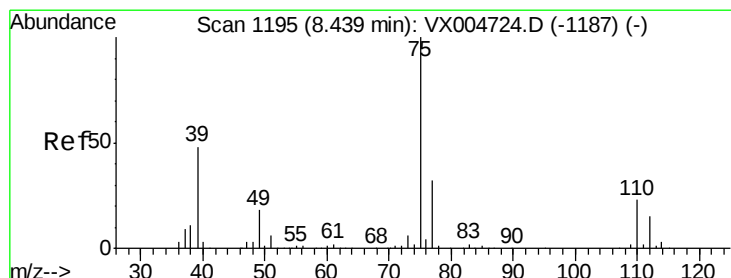
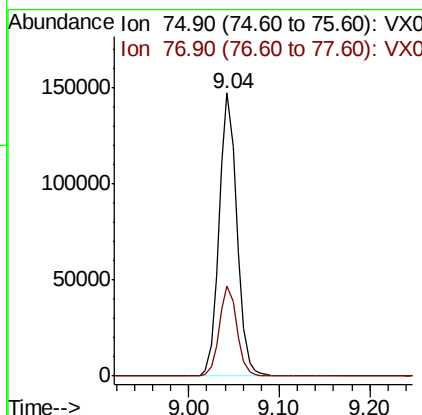
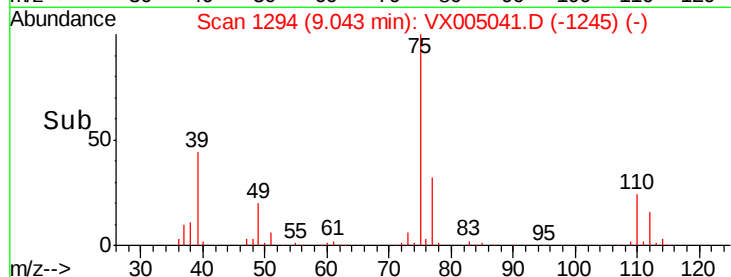
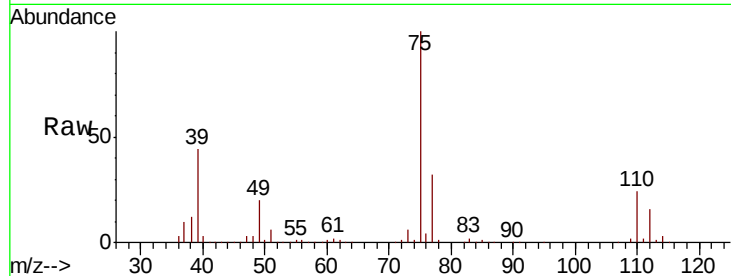
#53
t-1,3-Dichloropropene
Concen: 52.526 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX005041.D
Acq: 05 Oct 2018 01:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 202447
Ion Ratio Lower Upper
75 100
77 31.9 28.9 43.3

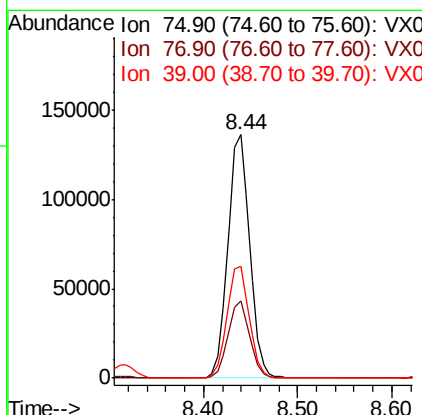
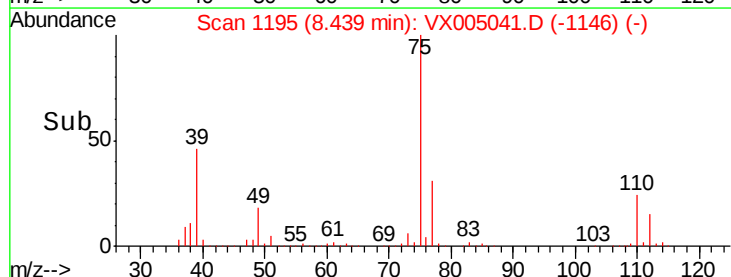
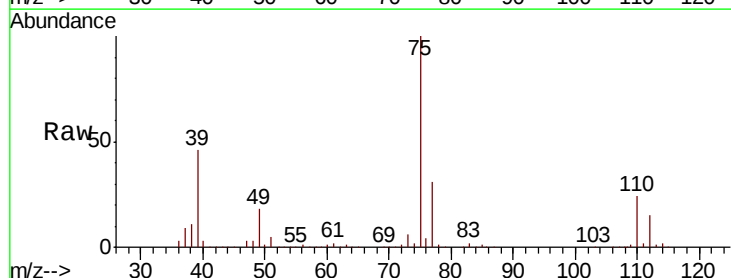
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#54
cis-1,3-Dichloropropene
Concen: 54.264 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. 0.00 min
Lab File: VX005041.D
Acq: 05 Oct 2018 01:23

Tgt Ion: 75 Resp: 219060
Ion Ratio Lower Upper
75 100
77 31.5 25.7 38.5
39 46.0 38.3 57.5





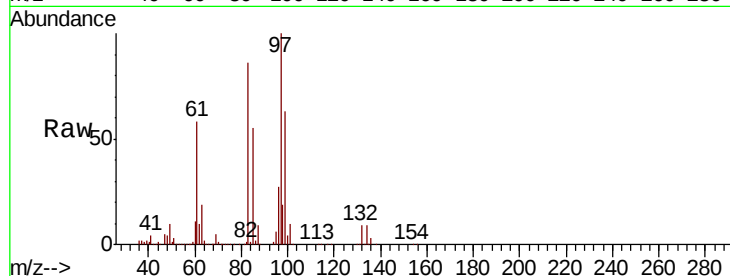
#55
 1,1,2-Trichloroethane
 Concen: 52.012 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX005041.D
 Acq: 05 Oct 2018 01:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

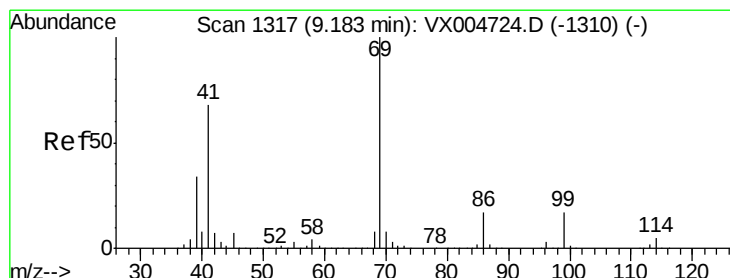
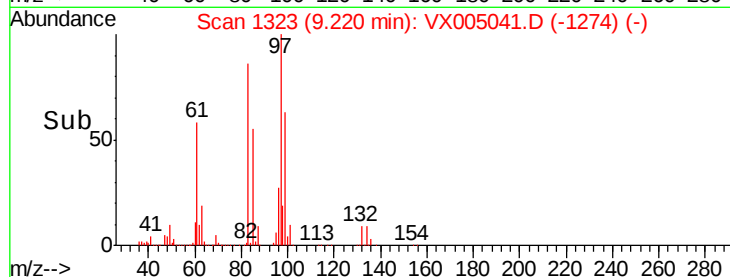
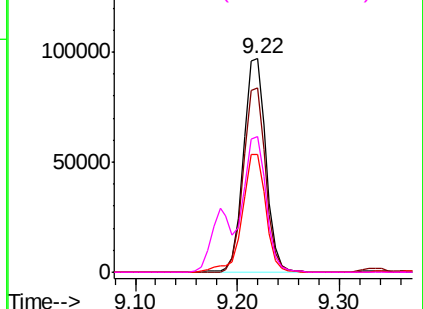
Tot Ion:	97	Resp:	147973
Ion	Ratio	Lower	Upper
97	100		
83	86.1	68.2	102.2
85	55.0	49.9	74.9
99	63.4	48.9	73.3

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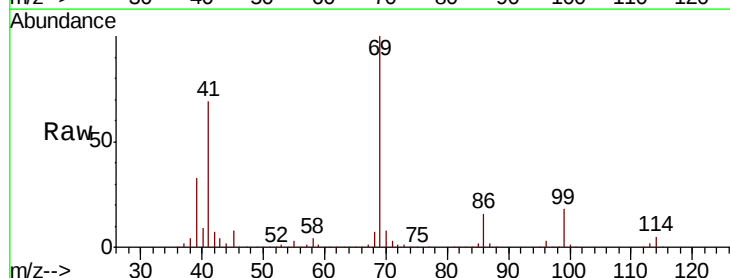


Abundance Ion 96.90 (96.60 to 97.60): VX0
 150000 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

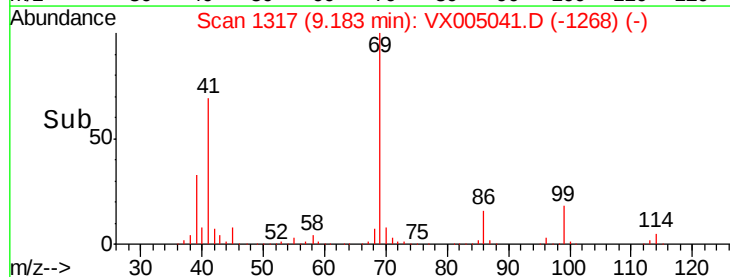
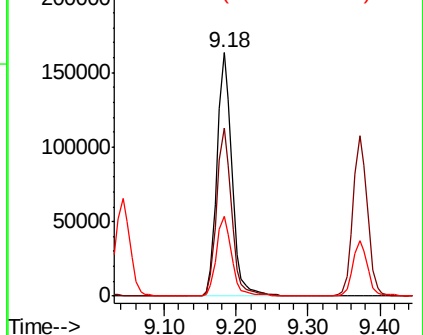


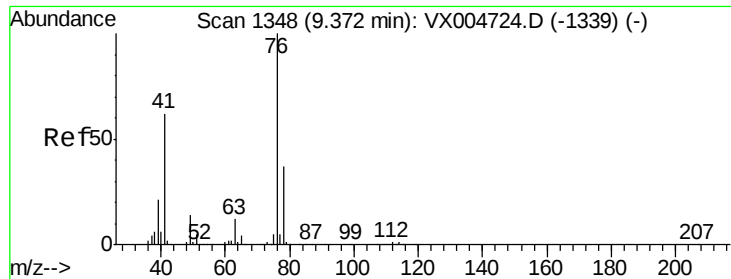
#56
 Ethyl methacrylate
 Concen: 50.842 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX005041.D
 Acq: 05 Oct 2018 01:23

Tgt Ion:	69	Resp:	234953
Ion	Ratio	Lower	Upper
69	100		
41	69.1	56.9	85.3
39	33.3	28.4	42.6



Abundance Ion 69.00 (68.70 to 69.70): VX0
 200000 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 51.690 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 244750

Ion Ratio Lower Upper

76 100

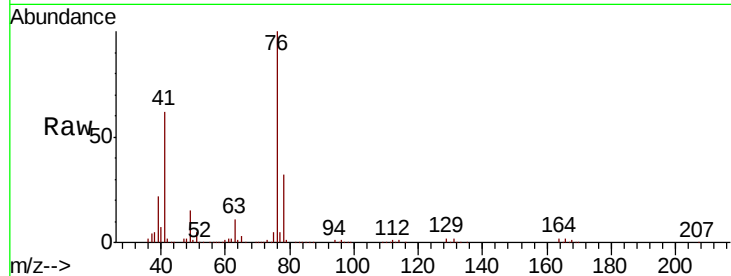
78 31.9 26.6 40.0

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

200000

150000

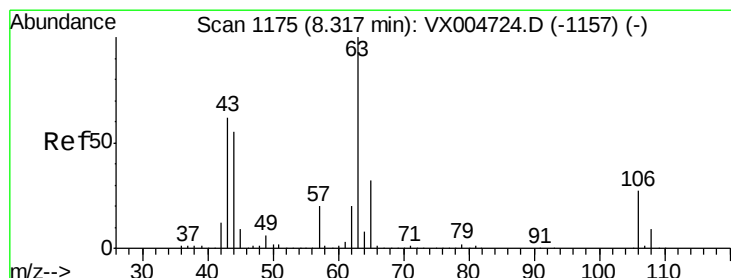
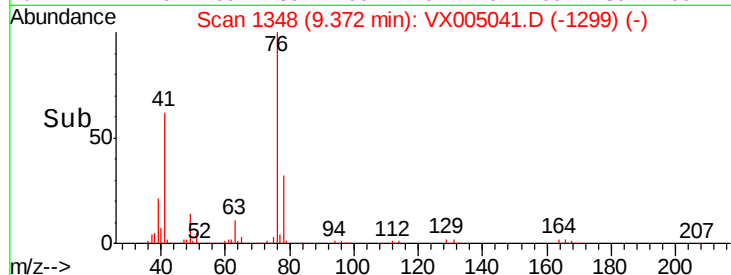
100000

50000

0

9.30 9.35 9.40 9.45 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 260.361 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.00 min

Lab File: VX005041.D

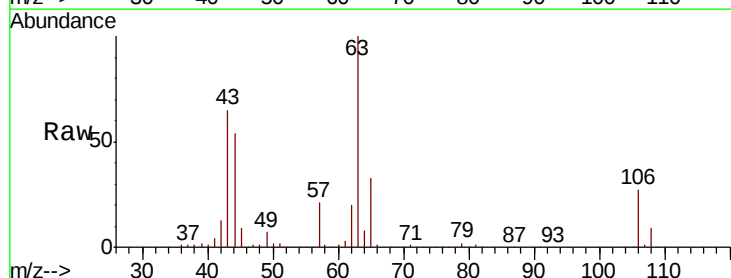
Acq: 05 Oct 2018 01:23

Tgt Ion: 63 Resp: 639772

Ion Ratio Lower Upper

63 100

106 26.4 21.0 31.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

400000

300000

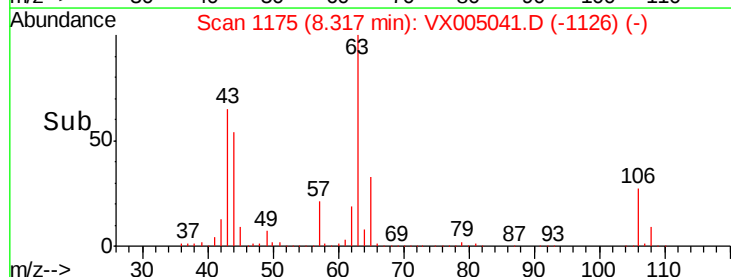
200000

100000

0

8.20 8.30 8.40

Time-->





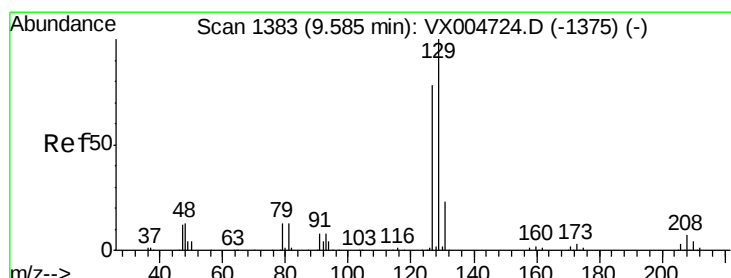
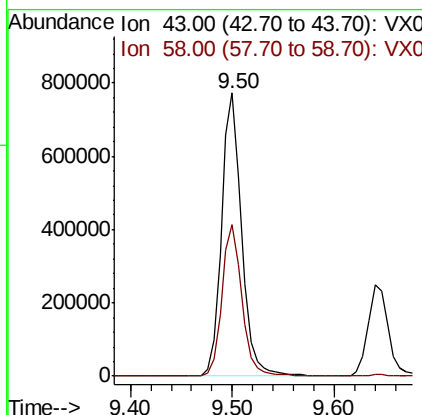
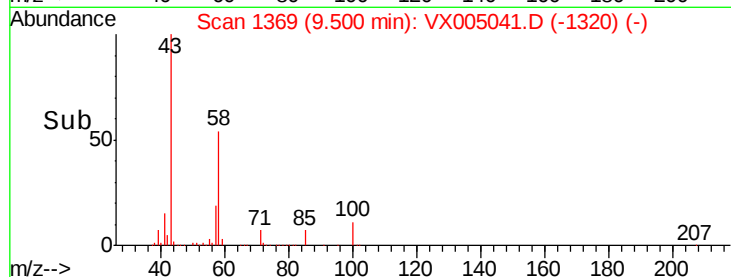
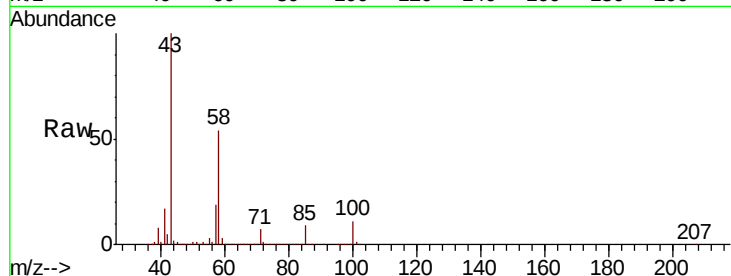
#59
2-Hexanone
Concen: 279.182 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX005041.D
Acq: 05 Oct 2018 01:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1059607
Ion Ratio Lower Upper
43 100
58 53.5 28.4 85.3

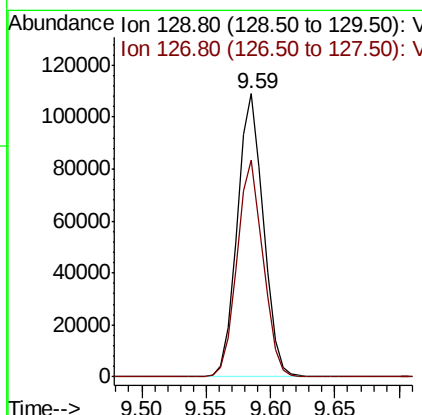
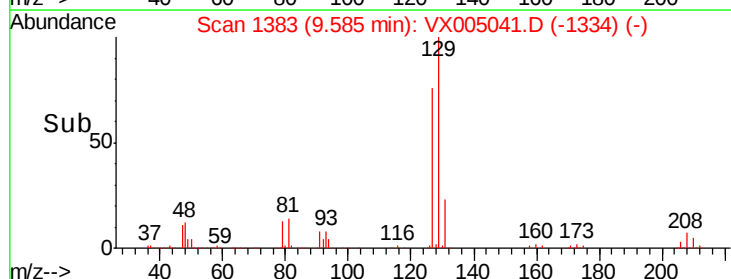
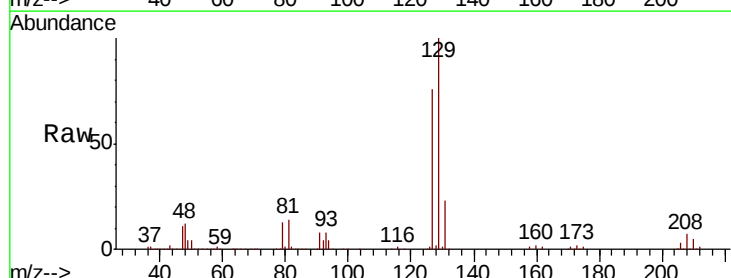
Manual Integrations
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#60
Dibromochloromethane
Concen: 53.830 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX005041.D
Acq: 05 Oct 2018 01:23

Tgt Ion:129 Resp: 153156
Ion Ratio Lower Upper
129 100
127 76.4 39.1 117.2





#61

1,2-Dibromoethane

Concen: 49.747 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 151570

Ion Ratio Lower Upper

107 100

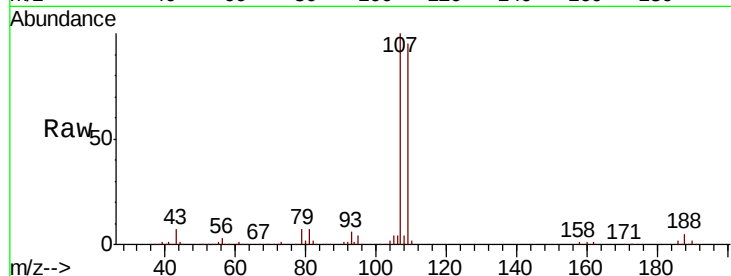
109 94.2 72.1 108.1

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

120000

100000

80000

60000

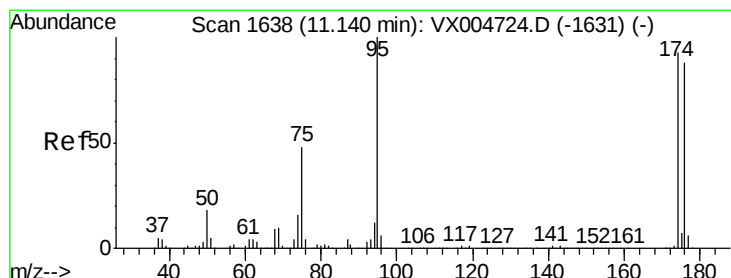
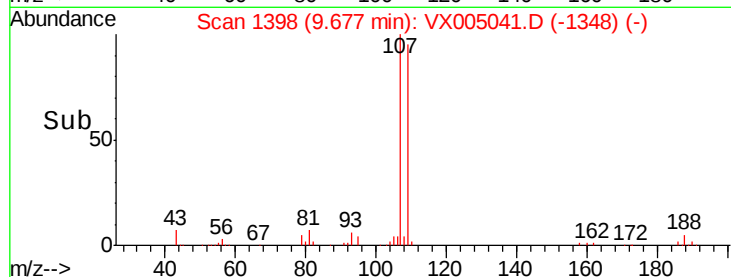
40000

20000

0

9.60 9.70 9.80

Time-->



#62

4-Bromofluorobenzene

Concen: 54.164 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

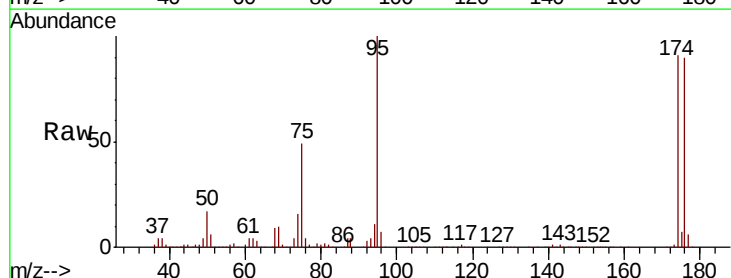
Tgt Ion: 95 Resp: 179510

Ion Ratio Lower Upper

95 100

174 90.5 0.0 185.0

176 87.8 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

150000

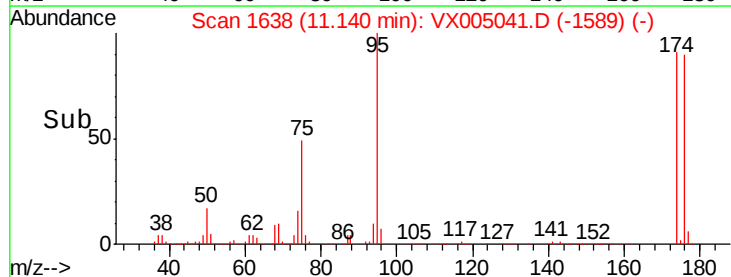
100000

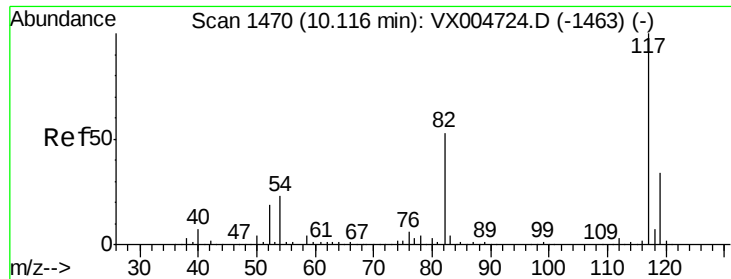
50000

0

11.10 11.20

Time-->





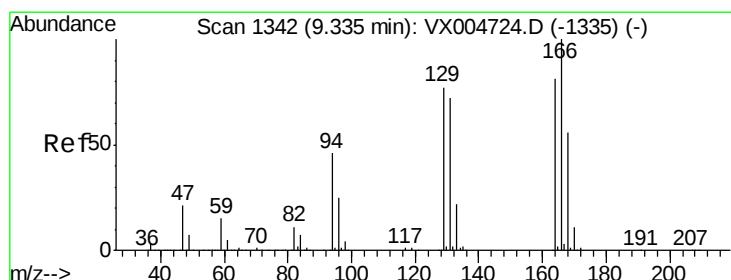
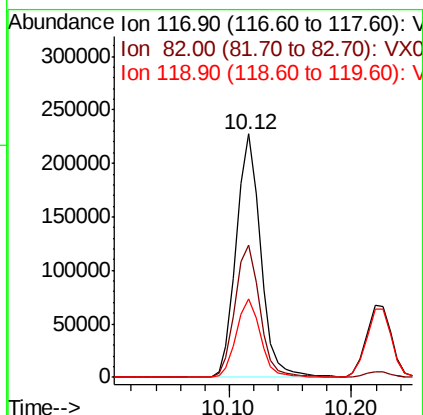
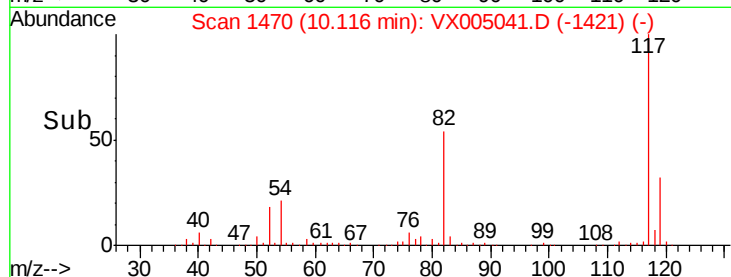
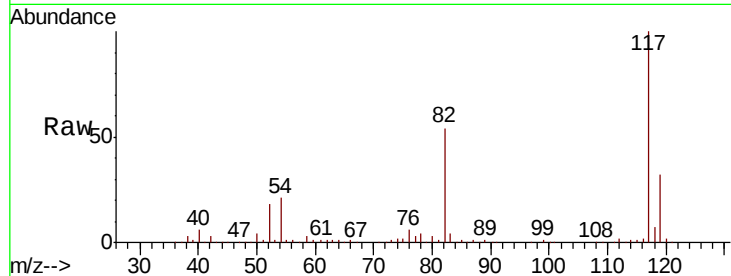
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005041.D
Acq: 05 Oct 2018 01:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.4	42.2	63.4
119	32.0	27.4	41.0

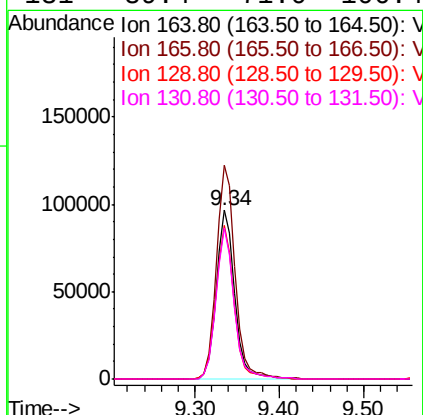
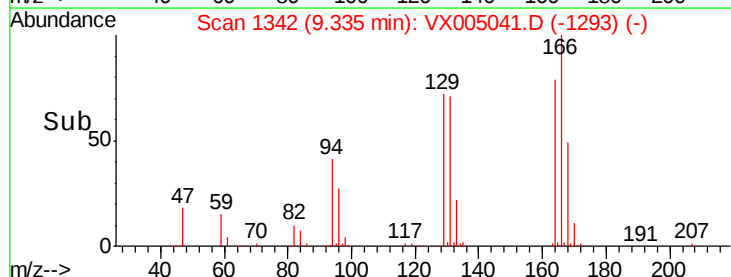
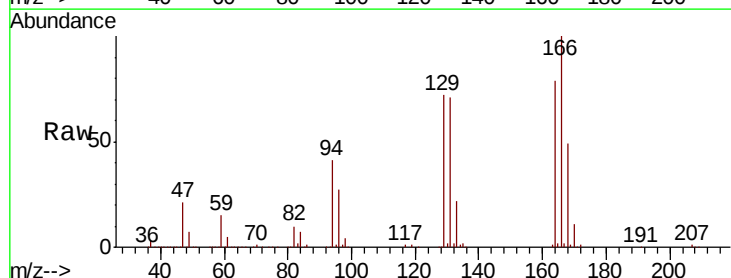
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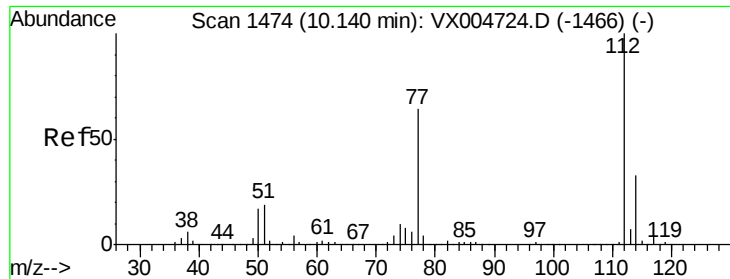
MMDadoda
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#64
Tetrachloroethene
Concen: 47.302 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005041.D
Acq: 05 Oct 2018 01:23

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.5	98.4	147.6
129	90.8	76.1	114.1
131	89.4	71.0	106.4





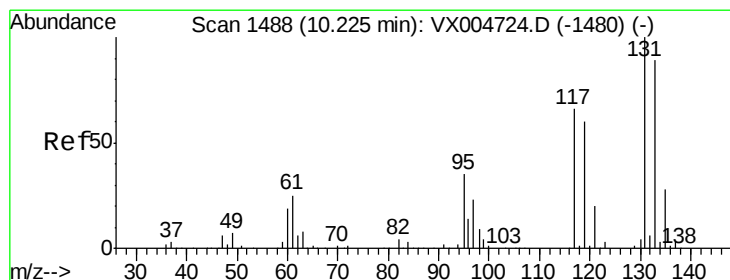
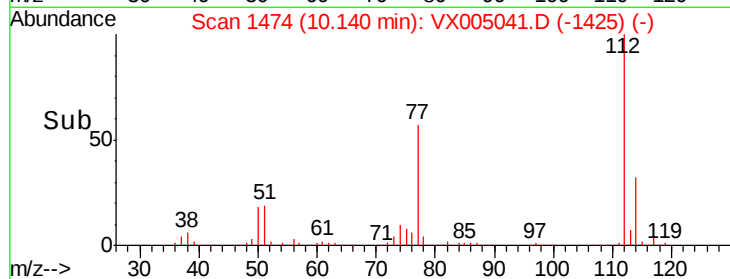
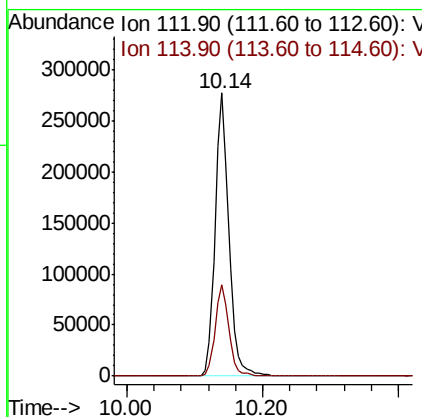
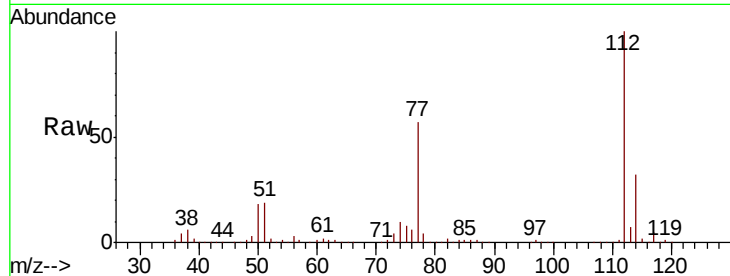
#65
Chlorobenzene
Concen: 48.507 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX005041.D
Acq: 05 Oct 2018 01:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 390381
Ion Ratio Lower Upper
112 100
114 32.4 26.7 40.1

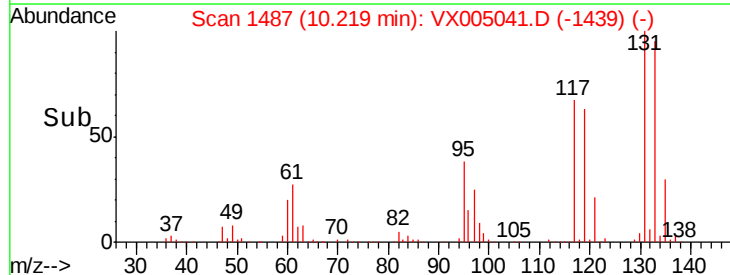
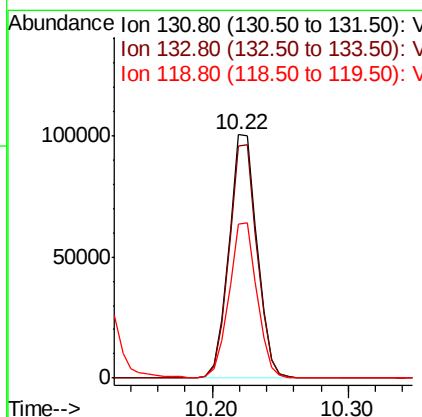
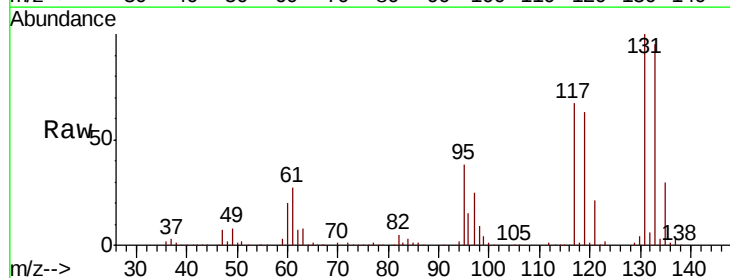
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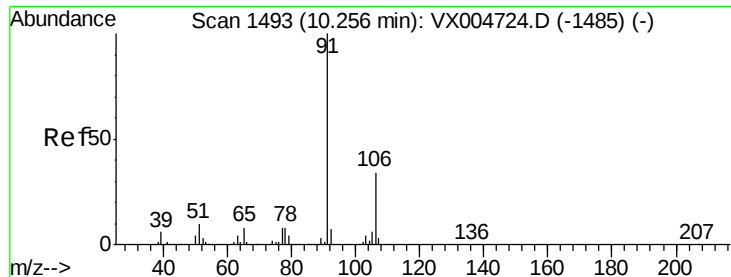
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.819 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VX005041.D
Acq: 05 Oct 2018 01:23

Tgt Ion:131 Resp: 143784
Ion Ratio Lower Upper
131 100
133 95.9 48.4 145.0
119 63.6 32.3 96.8





#67

Ethyl Benzene

Concen: 51.629 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 659674

Ion Ratio Lower Upper

91 100

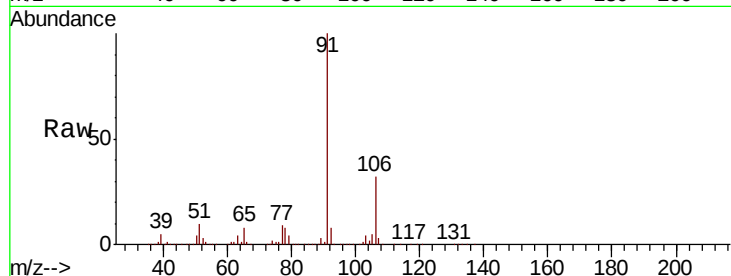
106 31.5 26.9 40.3

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

800000

600000

400000

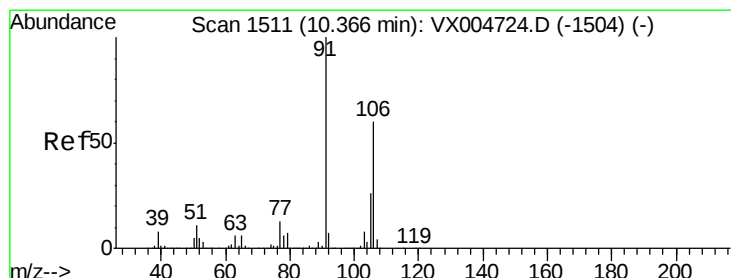
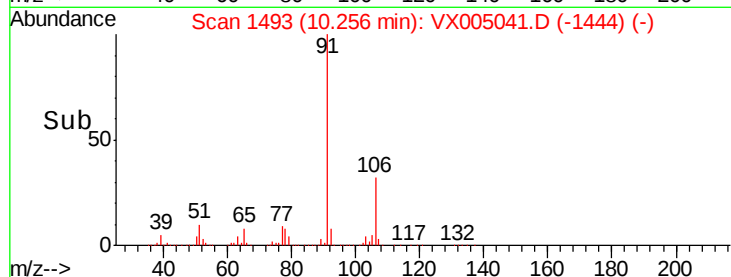
200000

0

10.20

10.30

Time-->



#68

m/p-Xylenes

Concen: 102.873 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX005041.D

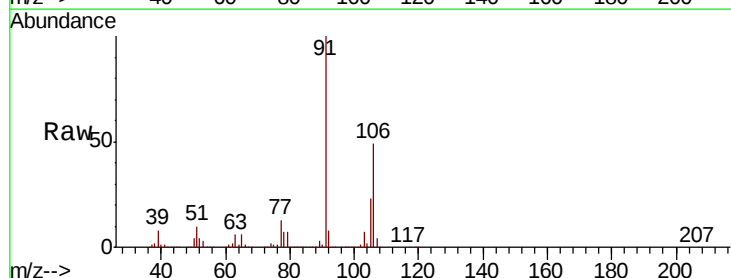
Acq: 05 Oct 2018 01:23

Tgt Ion:106 Resp: 513643

Ion Ratio Lower Upper

106 100

91 203.8 157.5 236.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

800000

600000

400000

200000

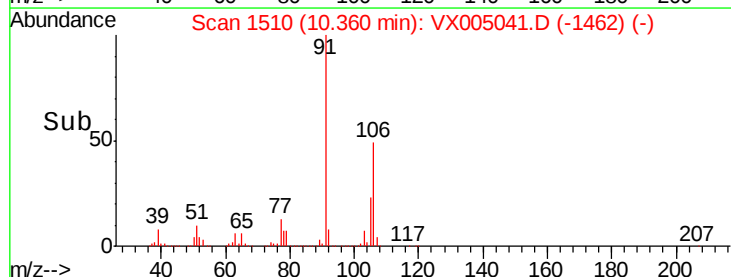
0

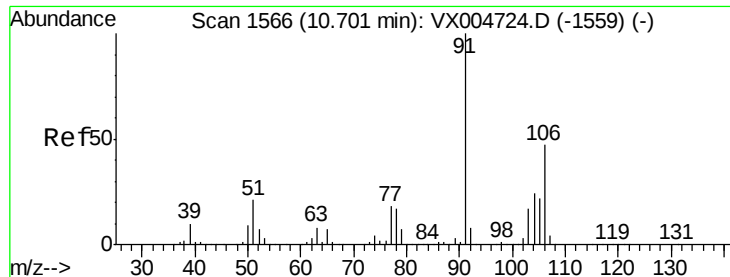
10.30

10.40

10.50

Time-->





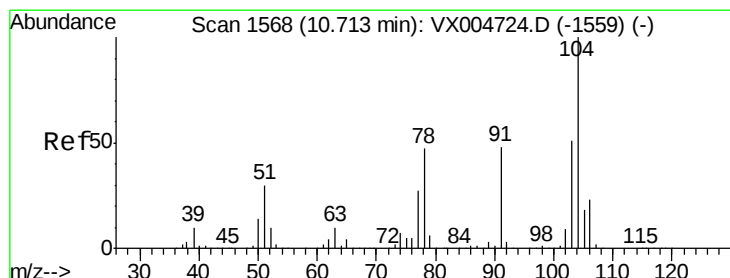
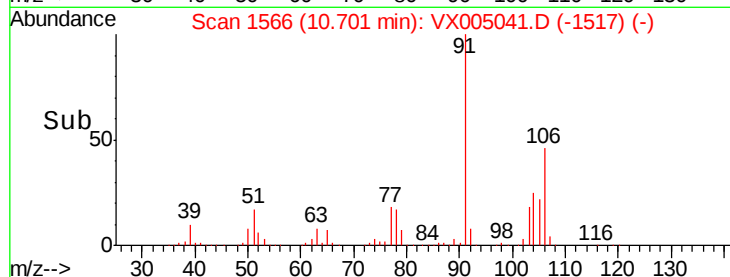
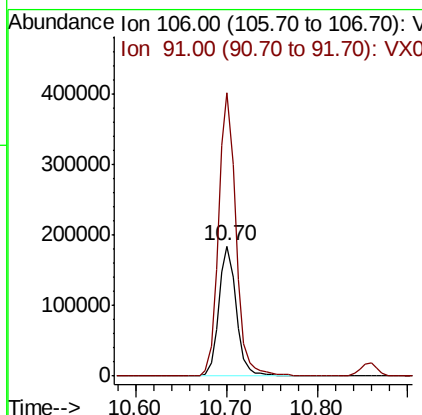
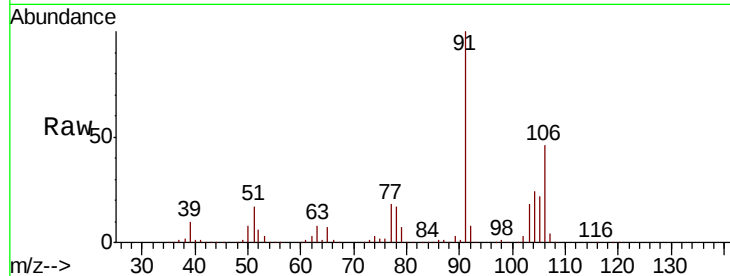
#69
o-Xylene
Concen: 54.491 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005041.D
Acq: 05 Oct 2018 01:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 249897
Ion Ratio Lower Upper
106 100
91 216.0 108.3 324.8

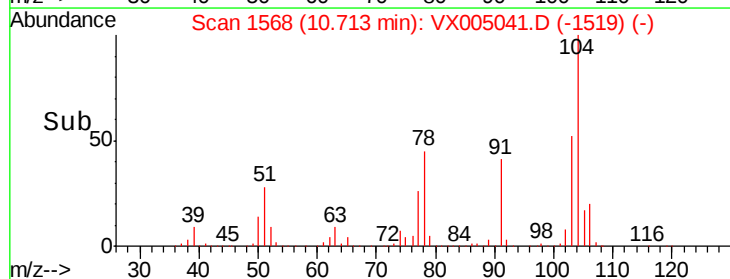
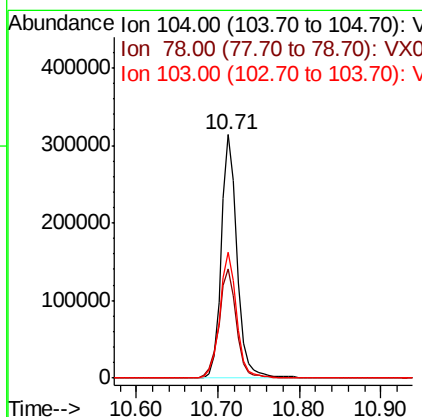
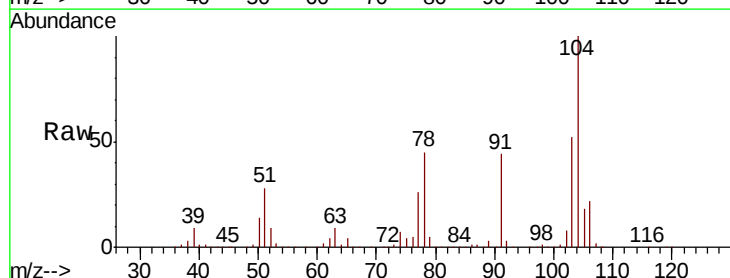
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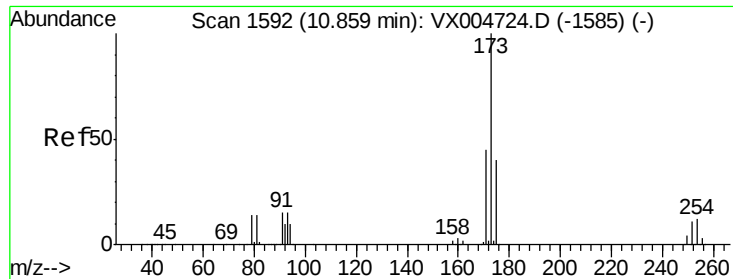
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#70
Styrene
Concen: 49.464 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX005041.D
Acq: 05 Oct 2018 01:23

Tgt Ion:104 Resp: 424060
Ion Ratio Lower Upper
104 100
78 50.0 40.0 60.0
103 55.9 44.3 66.5





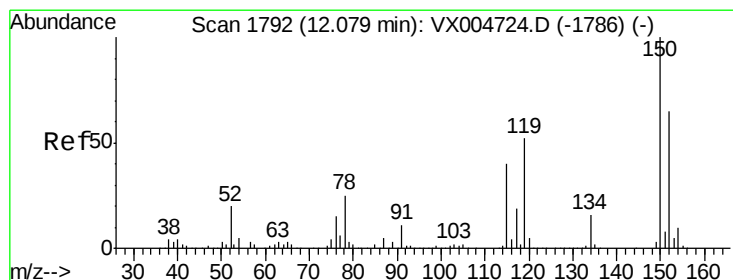
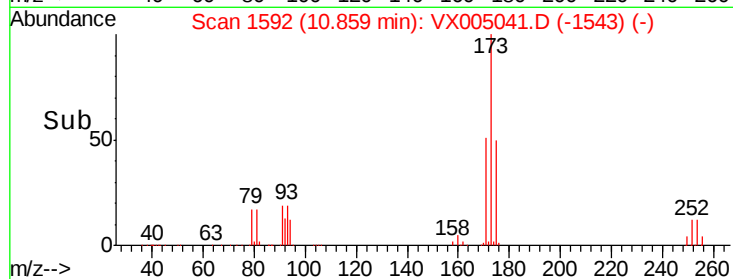
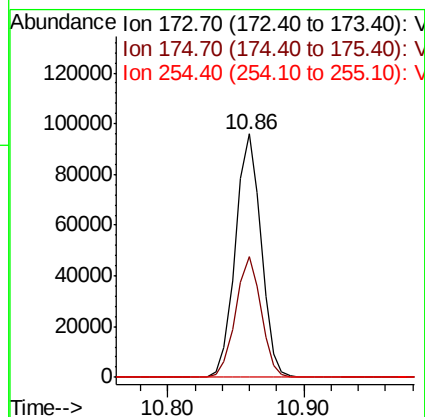
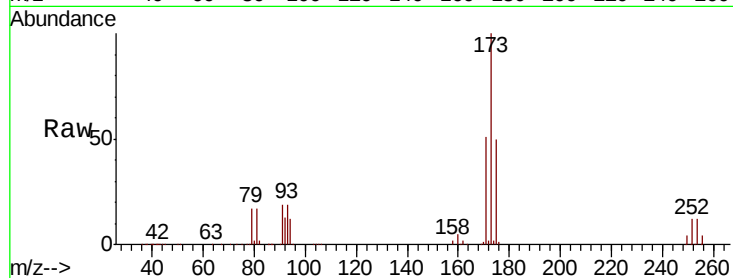
#71
Bromoform
Concen: 51.871 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX005041.D
Acq: 05 Oct 2018 01:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.4	23.3	69.8
254	0.1	0.2	0.2

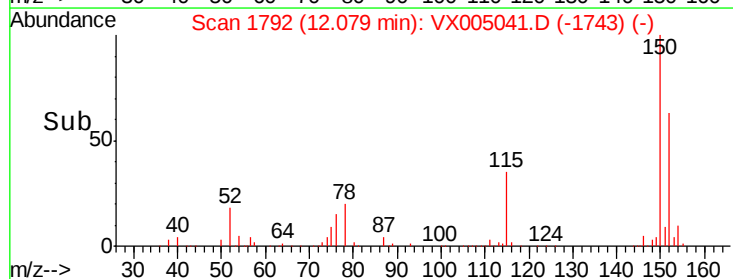
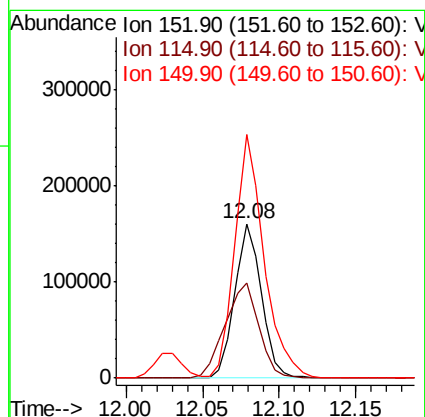
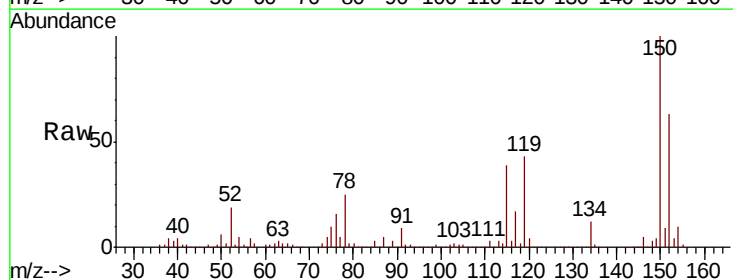
Manual Integrations
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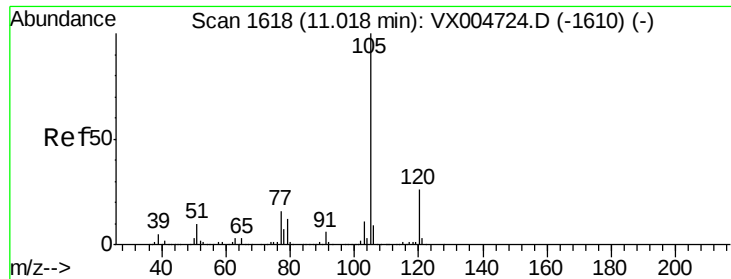
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005041.D
Acq: 05 Oct 2018 01:23

Tgt Ion	Ratio	Lower	Upper
152	100		
115	78.5	40.2	120.6
150	174.5	0.0	351.0





#73

Isopropylbenzene

Concen: 54.527 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 664631

Ion Ratio Lower Upper

105 100

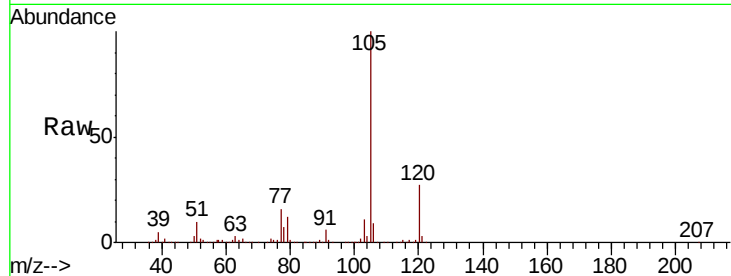
120 26.6 13.2 39.5

Manual Integrations

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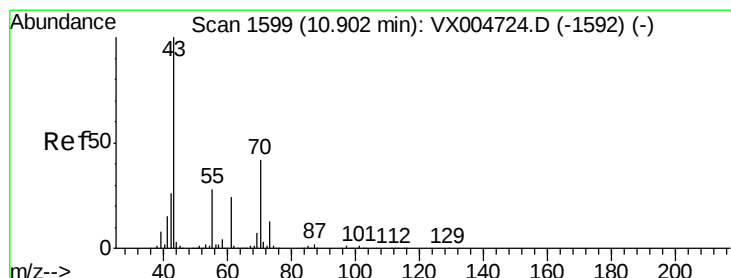
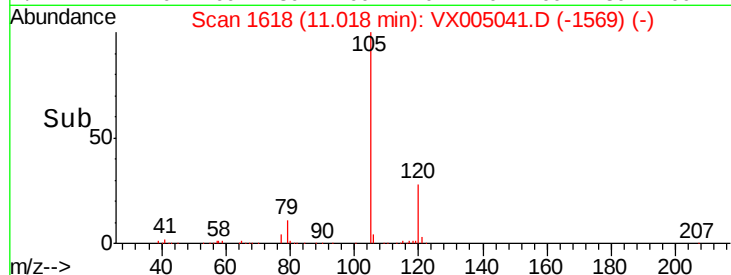
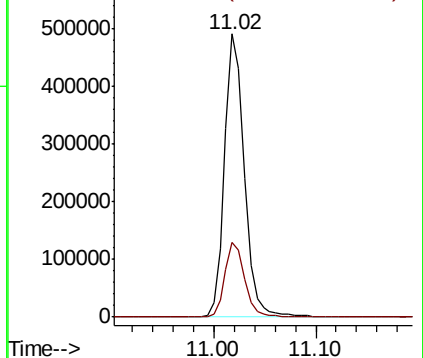
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.922 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

Tgt Ion: 43 Resp: 334440

Ion Ratio Lower Upper

43 100

70 40.3 32.6 48.8

55 25.0 21.6 32.4

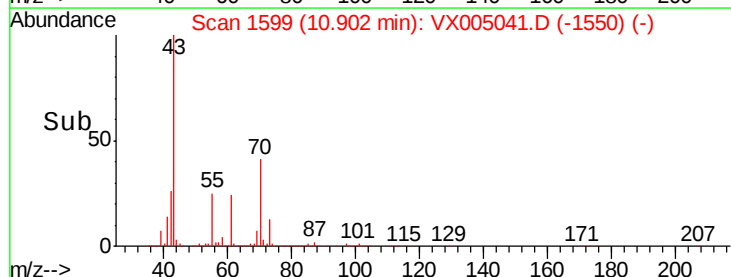
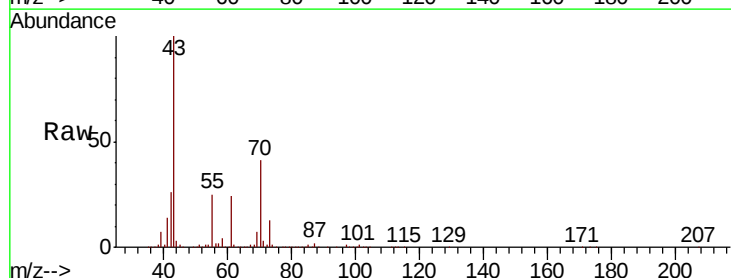
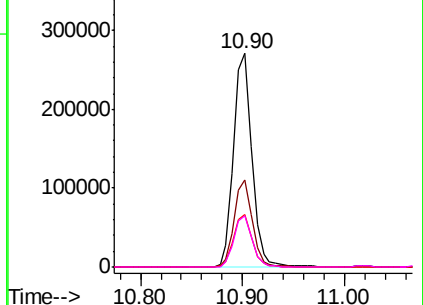
61 23.9 19.1 28.7

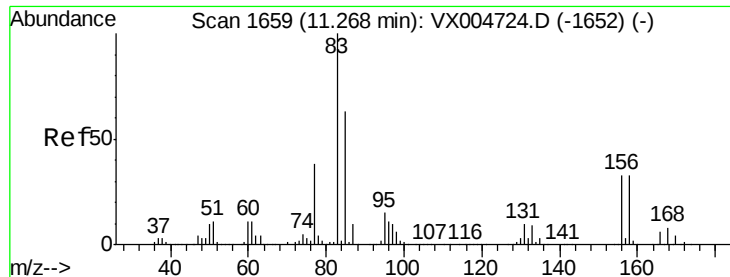
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.804 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

Instrument :

MSVOA_X

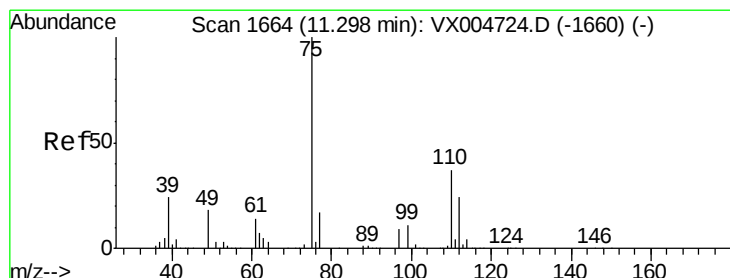
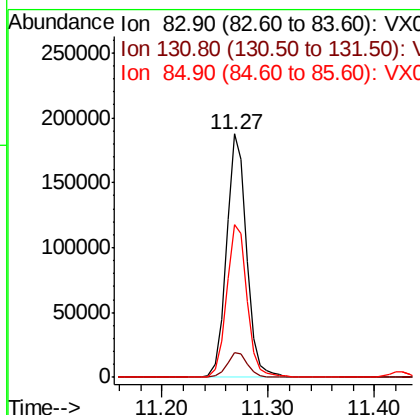
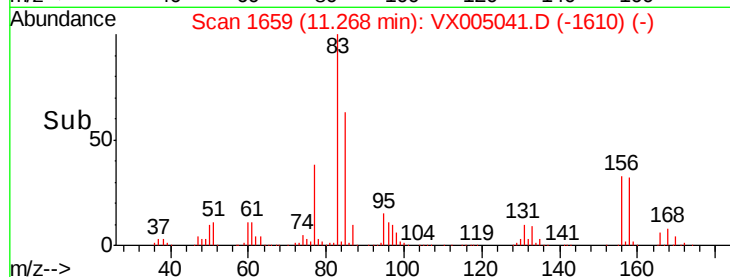
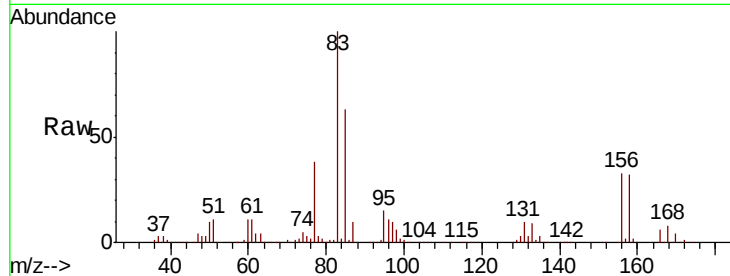
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	247117
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.1	15.3
85	64.0	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 51.479 ug/l m

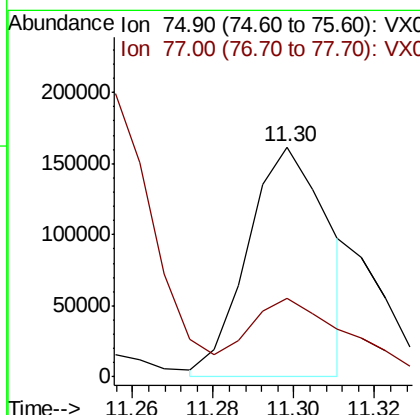
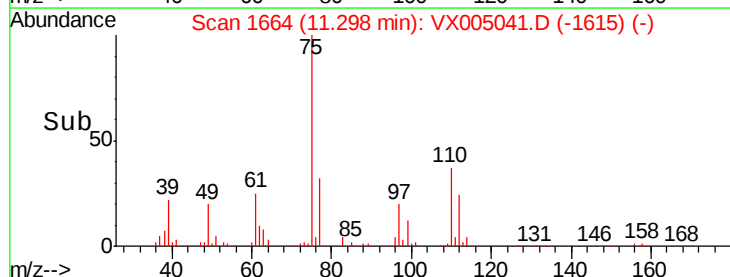
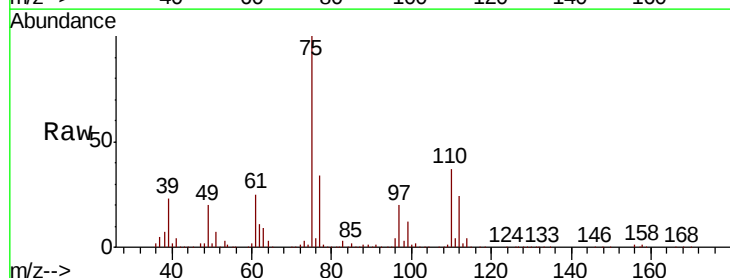
RT: 11.30 min Scan# 1664

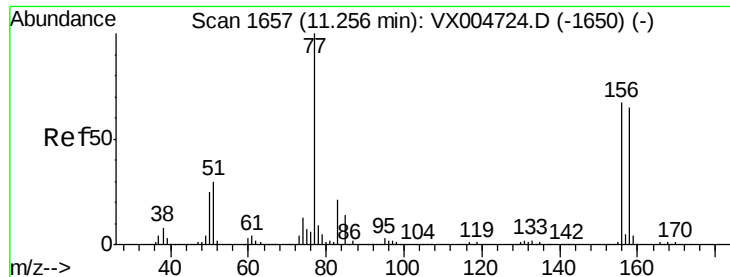
Delta R.T. 0.00 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

Tgt Ion:	75	Resp:	223129
Ion Ratio	Lower	Upper	
75	100		
77	42.6	21.4	64.3





#77

Bromobenzene

Concen: 51.393 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

Instrument :

MSVOA_X

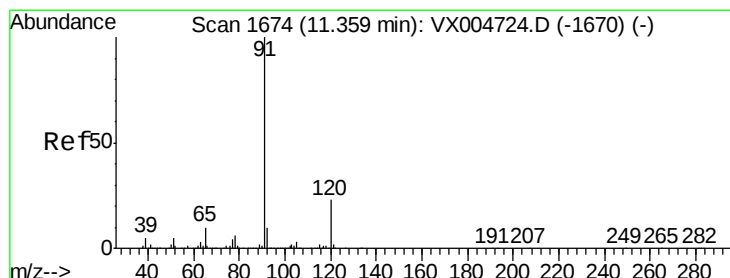
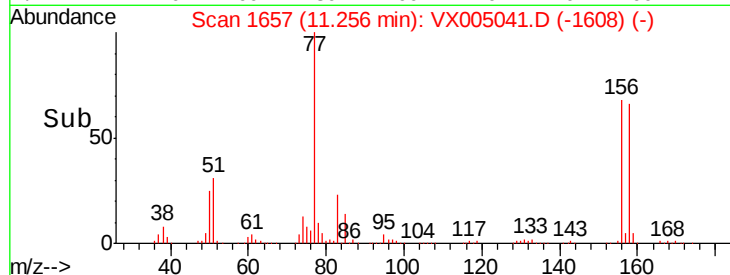
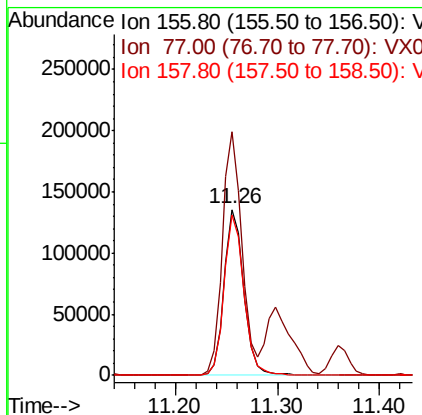
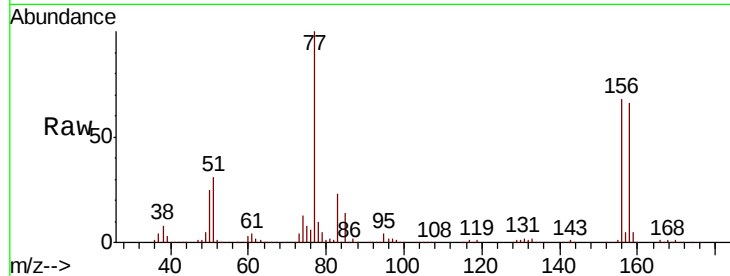
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	181953
Ion Ratio	Lower	Upper	
156	100		
77	146.0	73.4	220.2
158	97.5	49.1	147.4

Manual Integrations
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10/5/2018 3:24:54 PM



#78

n-propylbenzene

Concen: 53.941 ug/l

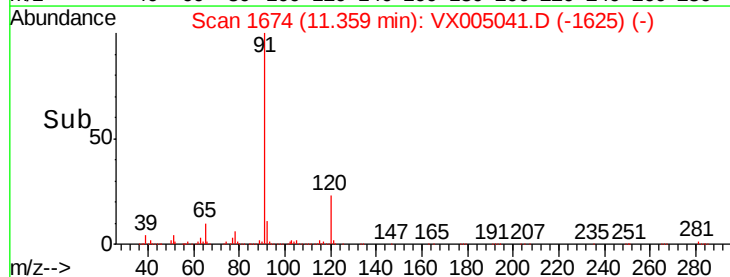
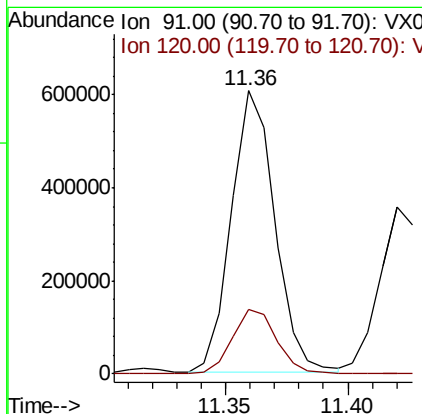
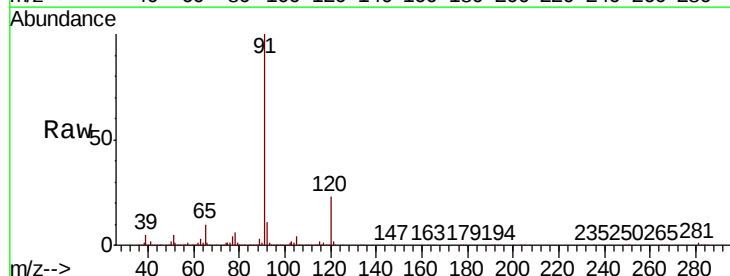
RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

Tgt Ion:	91	Resp:	754385
Ion Ratio	Lower	Upper	
91	100		
120	23.8	12.0	36.0





#79

2-Chlorotoluene

Concen: 53.291 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 91 Resp: 464557

Ion Ratio Lower Upper

91 100

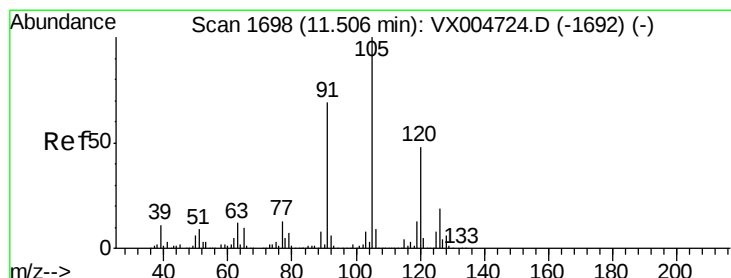
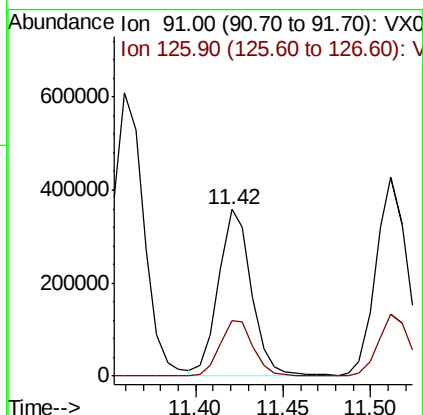
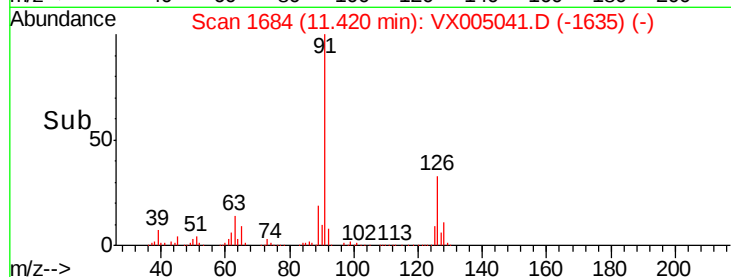
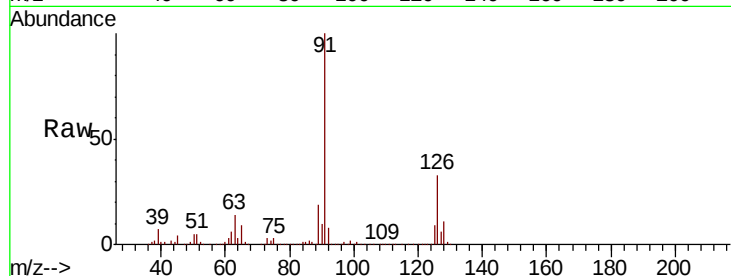
126 34.7 17.6 52.9

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 50.532 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX005041.D

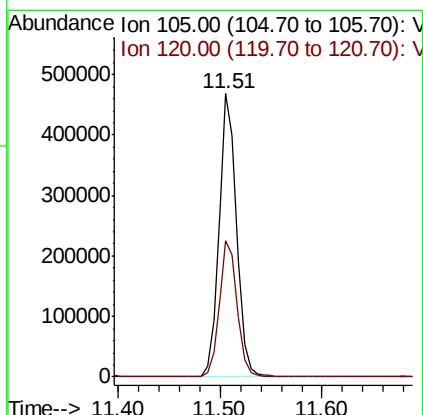
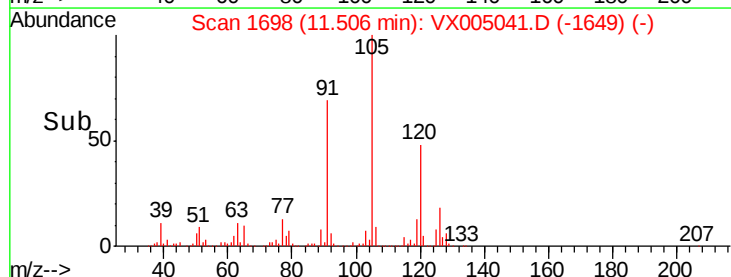
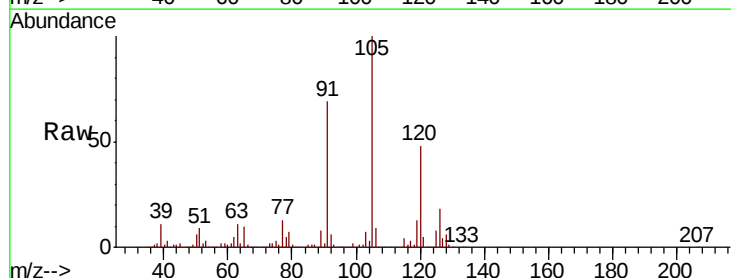
Acq: 05 Oct 2018 01:23

Tgt Ion: 105 Resp: 564508

Ion Ratio Lower Upper

105 100

120 48.7 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 42.416 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 66909

Ion Ratio Lower Upper

75 100

53 96.8 80.2 120.4

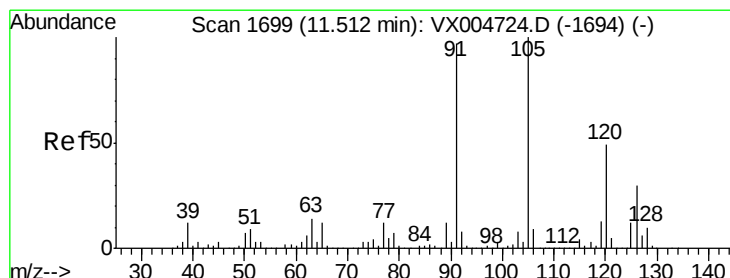
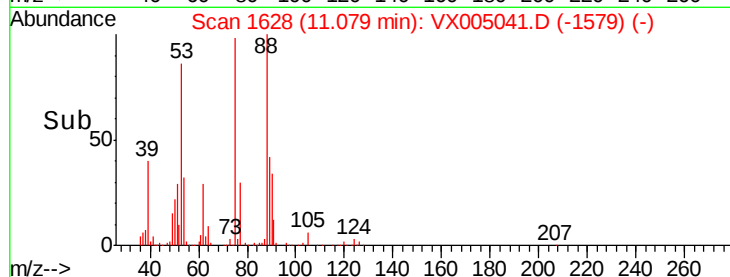
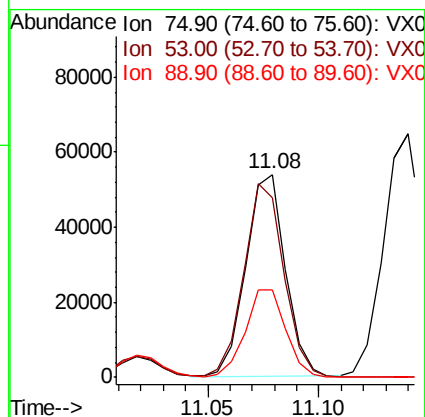
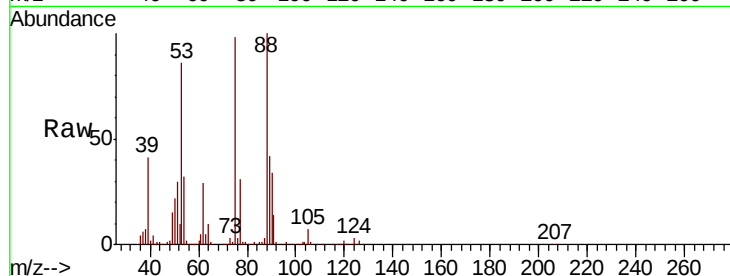
89 44.6 37.1 55.7

Manual Integrations

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#82

4-Chlorotoluene

Concen: 53.047 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX005041.D

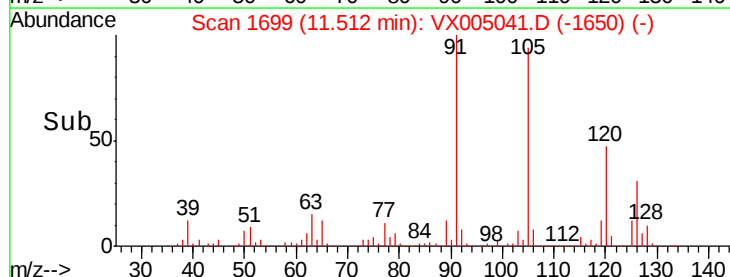
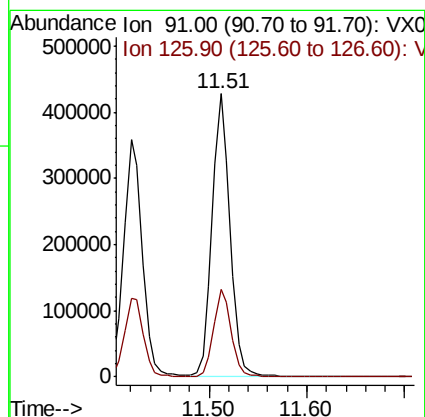
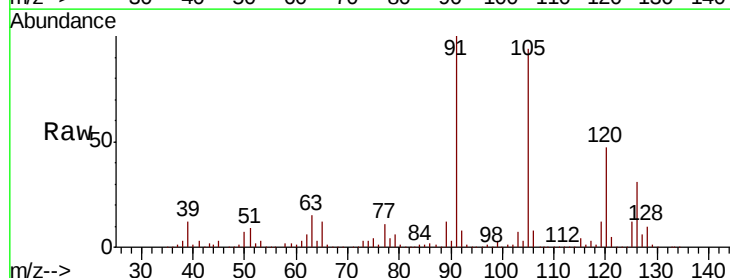
Acq: 05 Oct 2018 01:23

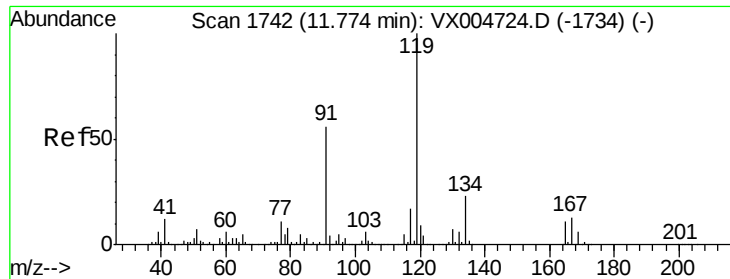
Tgt Ion: 91 Resp: 544303

Ion Ratio Lower Upper

91 100

126 30.7 15.5 46.5





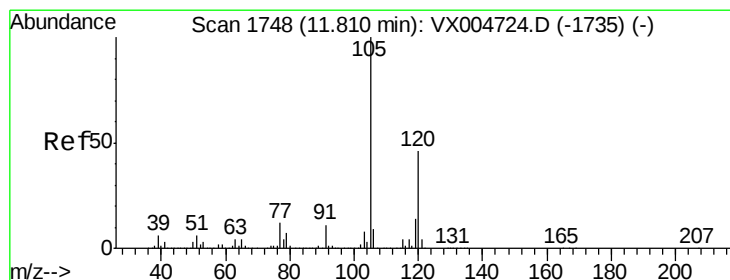
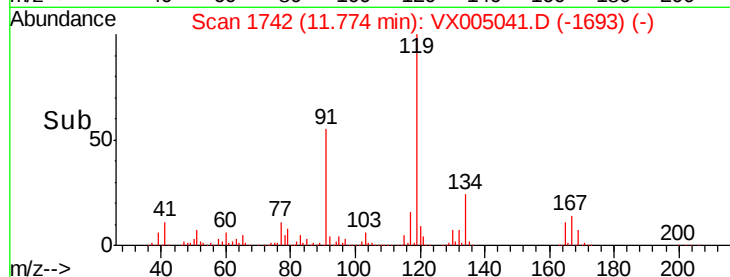
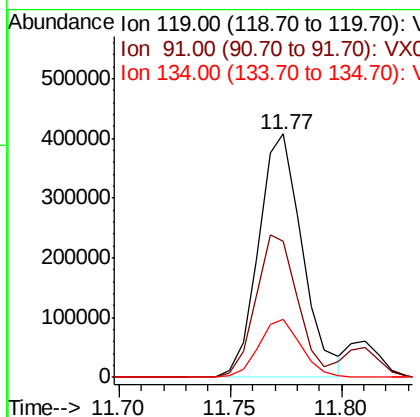
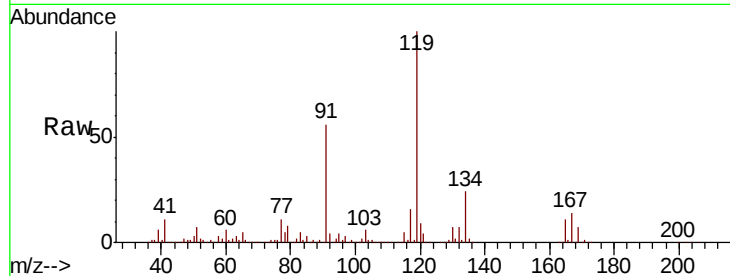
#83
 tert-Butylbenzene
 Concen: 55.477 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX005041.D
 Acq: 05 Oct 2018 01:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	556750		
91	56.0		27.5	82.5
134	22.8		11.5	34.4

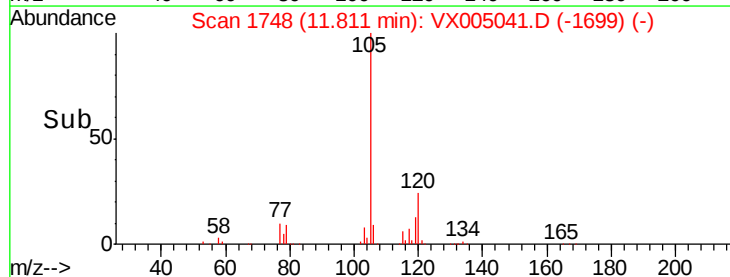
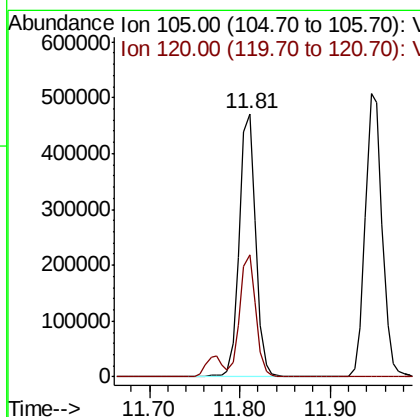
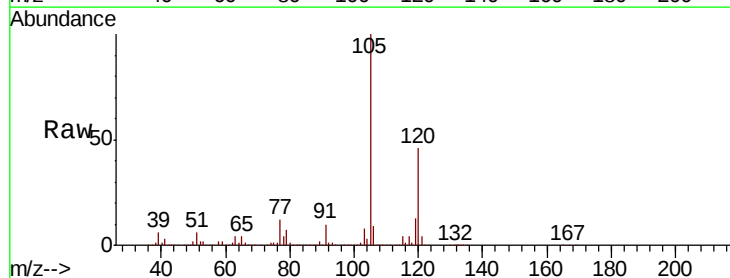
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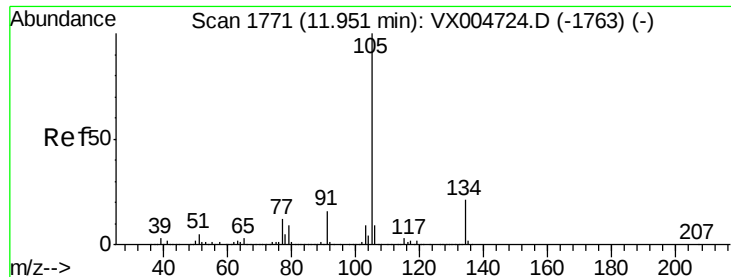
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.111 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX005041.D
 Acq: 05 Oct 2018 01:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	588803		
120	45.3		22.8	68.3





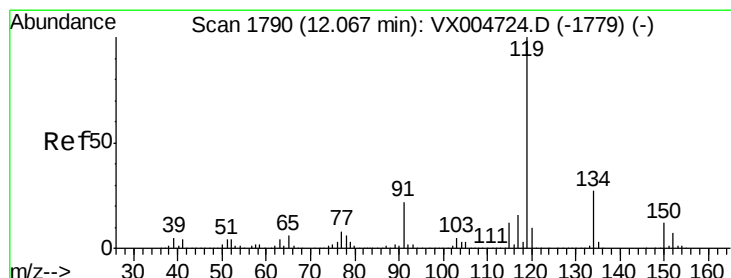
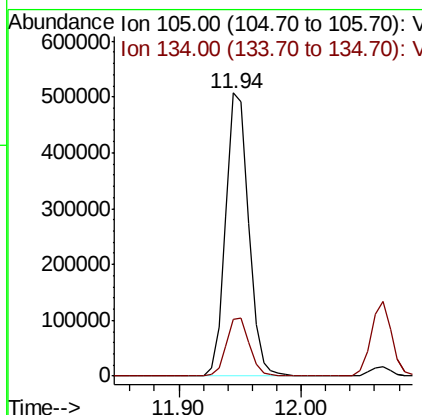
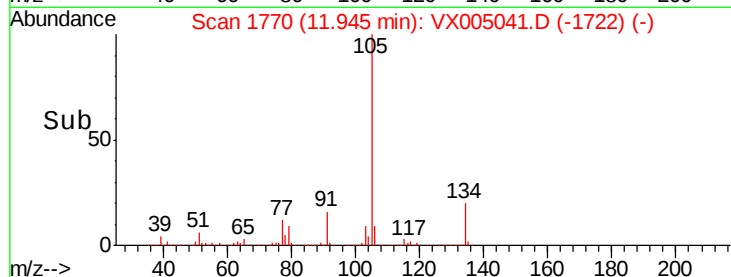
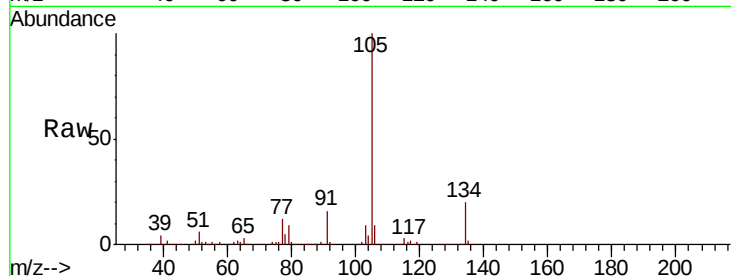
#85
 sec-Butylbenzene
 Concen: 53.889 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: VX005041.D
 Acq: 05 Oct 2018 01:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.4	10.2	30.4

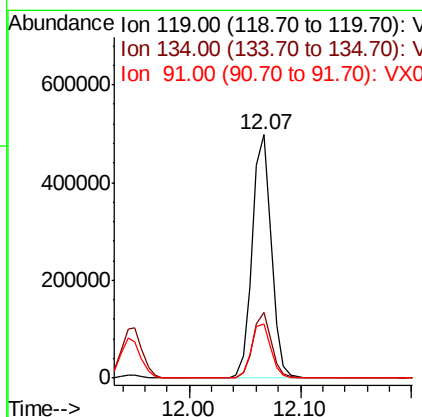
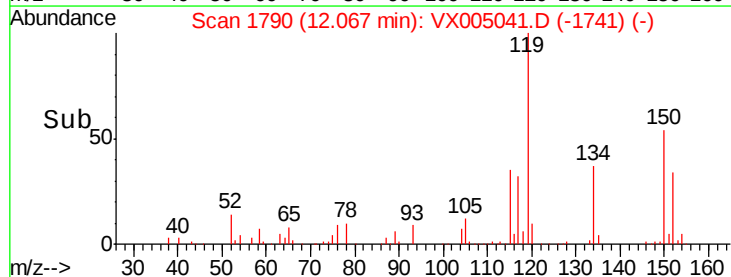
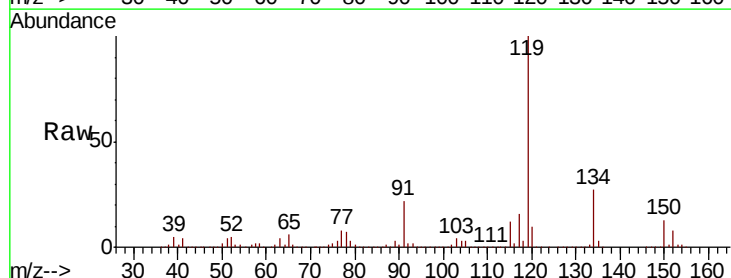
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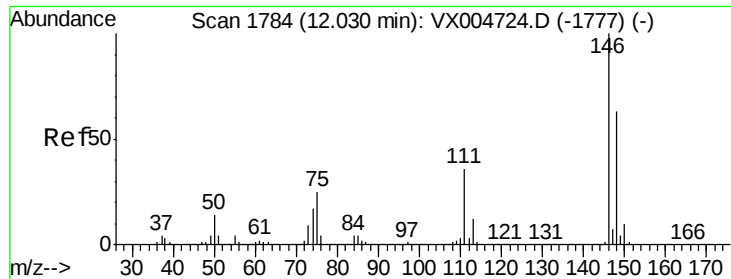
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#86
 p-Isopropyltoluene
 Concen: 53.628 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX005041.D
 Acq: 05 Oct 2018 01:23

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.4	13.4	40.1
91	22.8	11.5	34.4





#87

1,3-Dichlorobenzene

Concen: 50.417 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

Instrument :

MSVOA_X

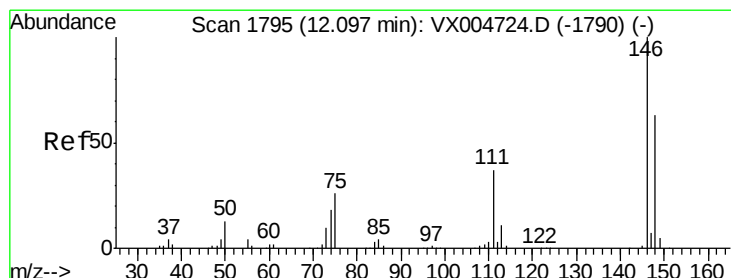
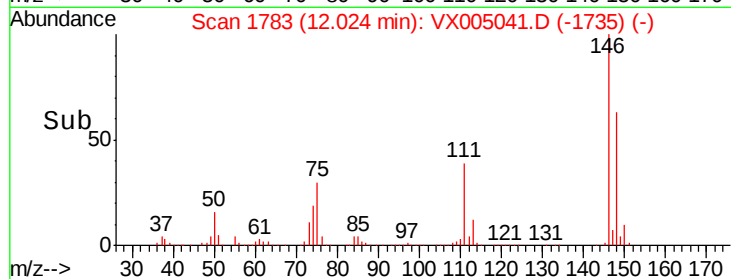
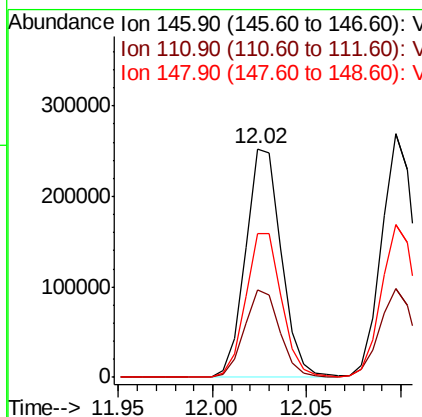
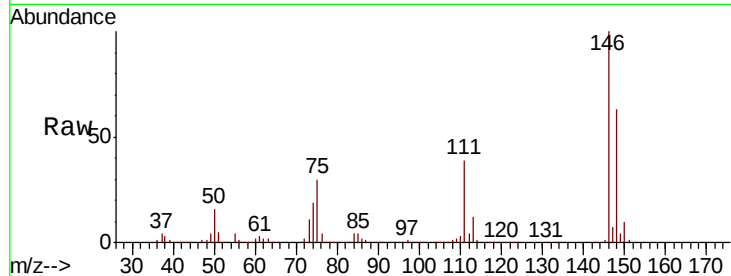
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	333303
Ion Ratio	Lower	Upper	
146	100		
111	37.9	18.9	56.9
148	63.5	31.8	95.3

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#88

1,4-Dichlorobenzene

Concen: 49.490 ug/l

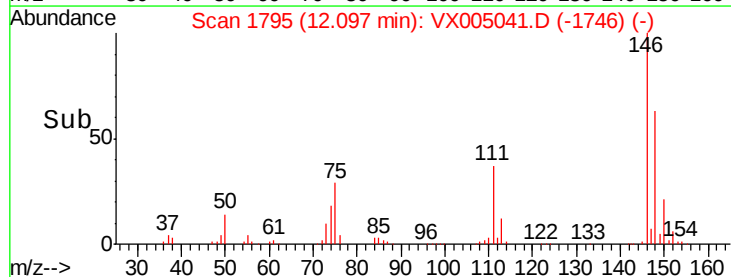
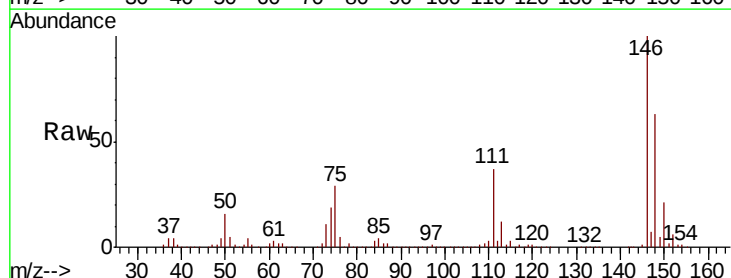
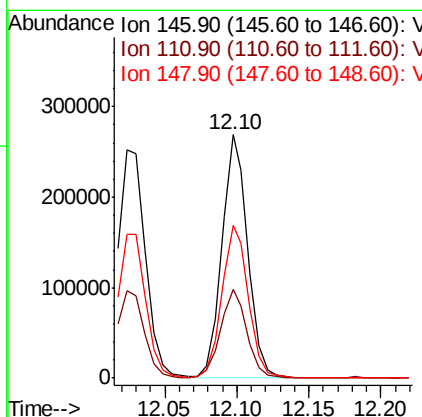
RT: 12.10 min Scan# 1795

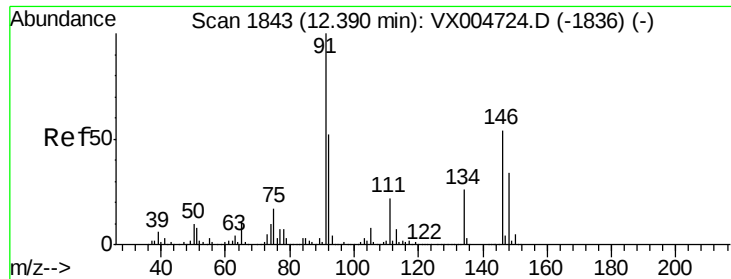
Delta R.T. 0.00 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

Tgt Ion:	146	Resp:	337745
Ion Ratio	Lower	Upper	
146	100		
111	37.2	18.4	55.2
148	64.7	32.0	96.0





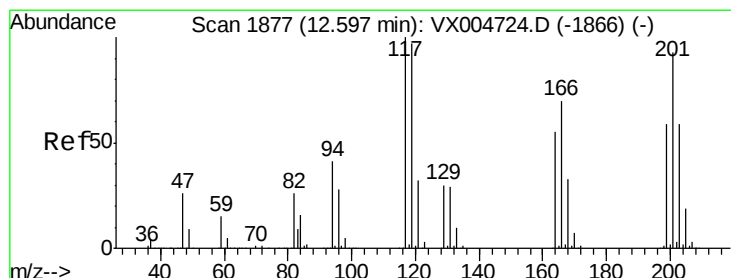
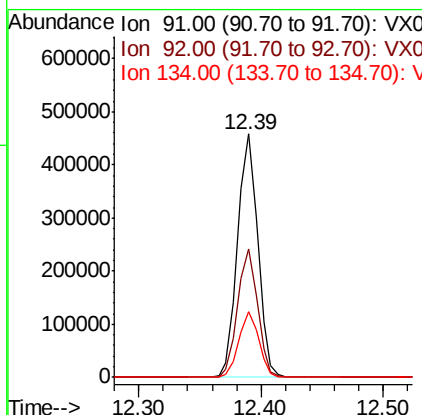
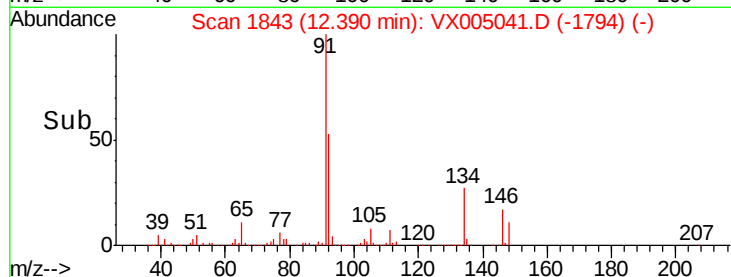
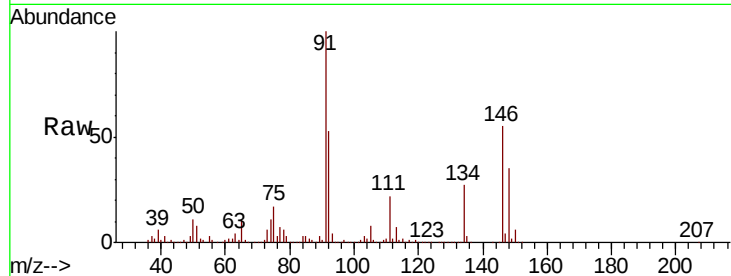
#89
n-Butylbenzene
Concen: 51.699 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX005041.D
Acq: 05 Oct 2018 01:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.0	78.0
134	26.4	13.2	39.6

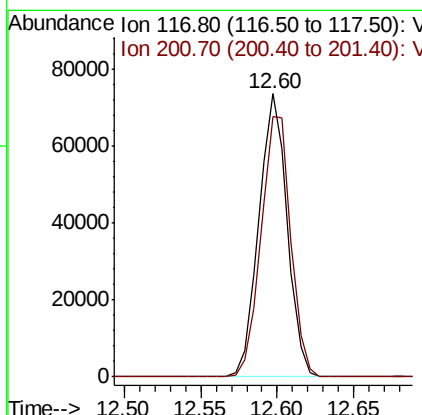
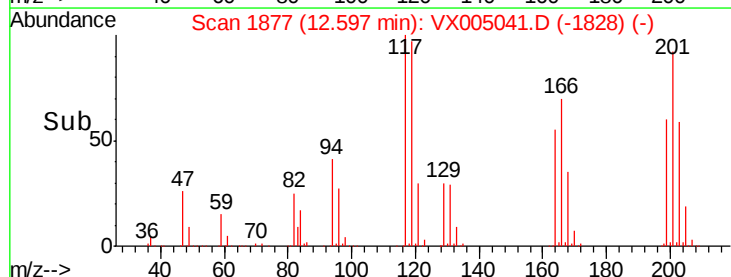
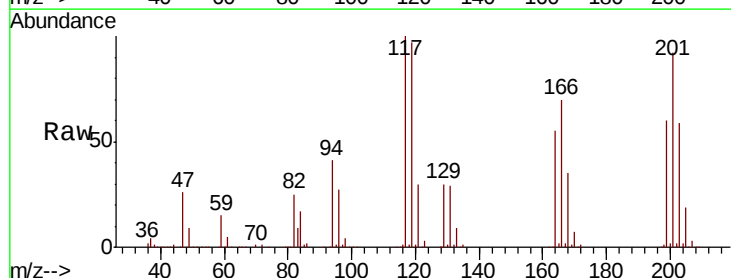
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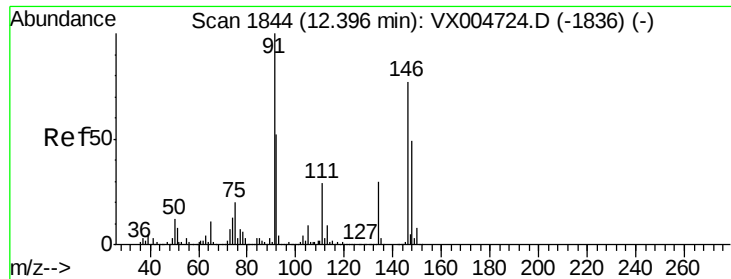
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#90
Hexachloroethane
Concen: 51.677 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX005041.D
Acq: 05 Oct 2018 01:23

Tgt Ion	Ratio	Lower	Upper
117	100		
201	96.7	48.4	145.0





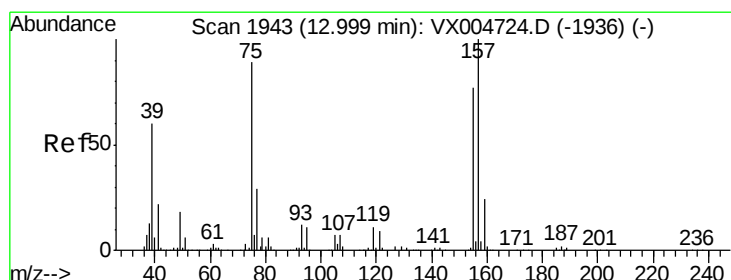
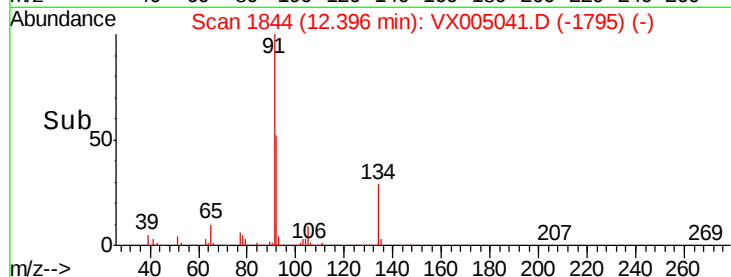
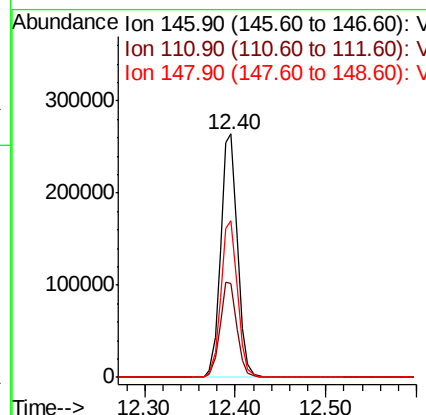
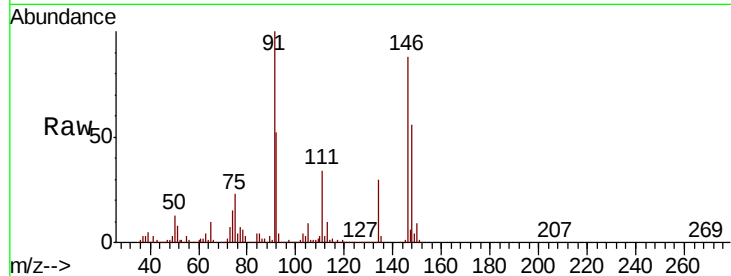
#91
 1,2-Dichlorobenzene
 Concen: 49.462 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. 0.00 min
 Lab File: VX005041.D
 Acq: 05 Oct 2018 01:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.6	58.7
148	64.0	31.8	95.4

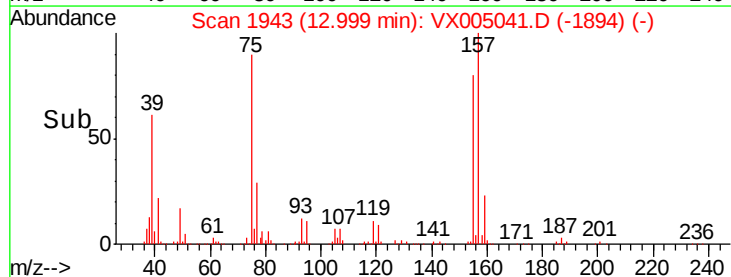
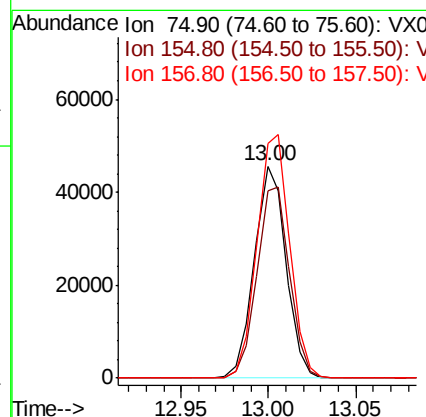
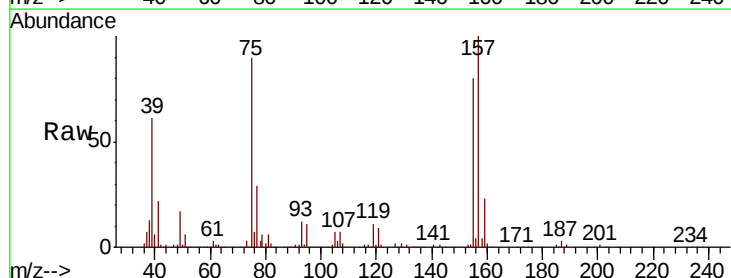
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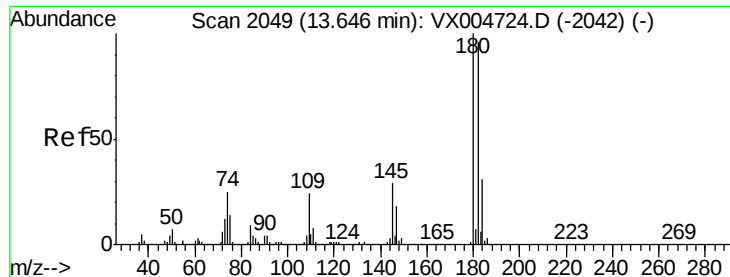
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.767 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX005041.D
 Acq: 05 Oct 2018 01:23

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.5	46.1	138.3
157	118.4	60.2	180.6





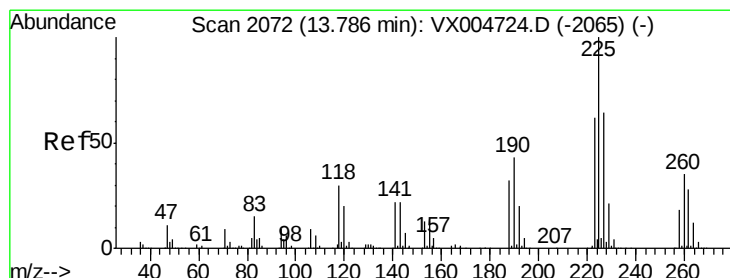
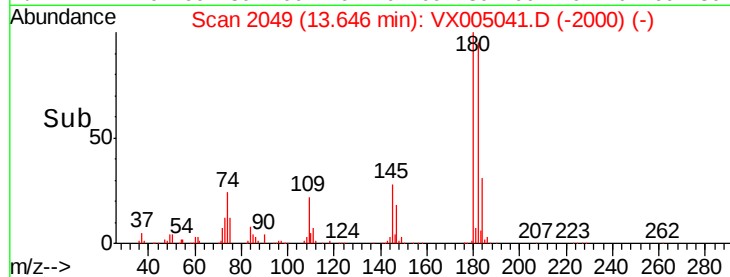
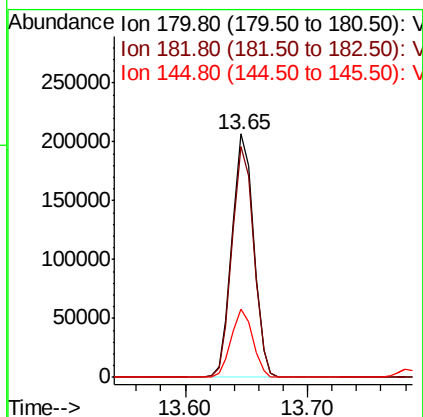
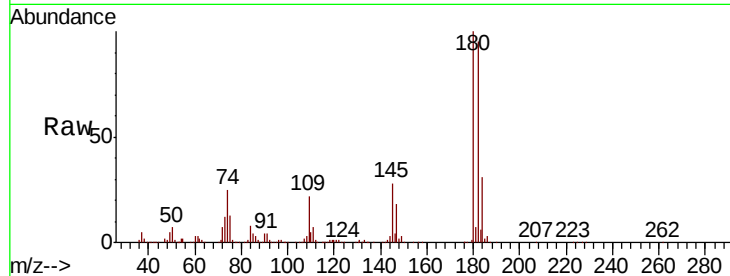
#93
 1,2,4-Trichlorobenzene
 Concen: 52.004 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX005041.D
 Acq: 05 Oct 2018 01:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	252033		
182	95.2	47.8	143.4	
145	28.0	14.1	42.4	

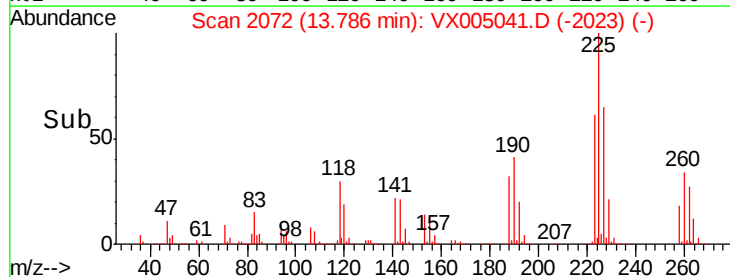
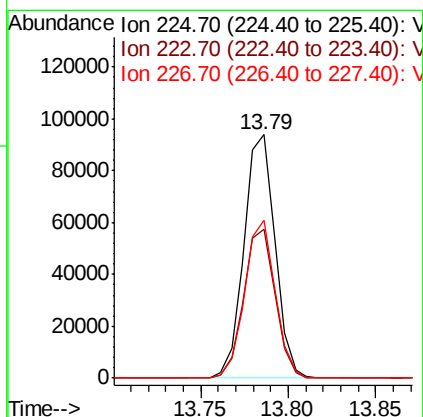
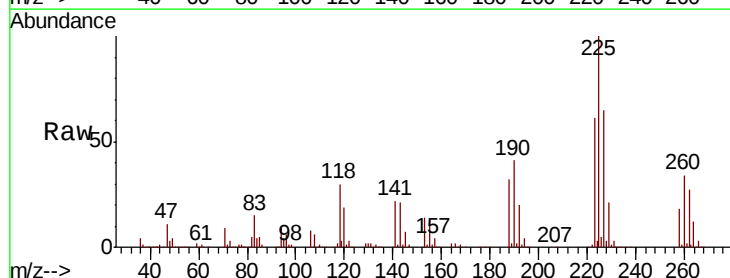
Manual Integrations
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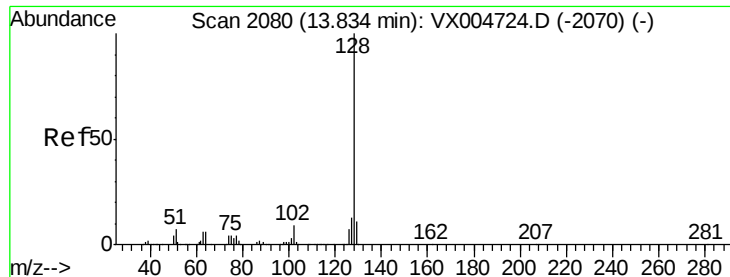
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 46.078 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX005041.D
 Acq: 05 Oct 2018 01:23

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	115800		
223	62.3	31.3	93.8	
227	63.5	31.9	95.5	





#95

Naphthalene

Concen: 51.466 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

Instrument :

MSVOA_X

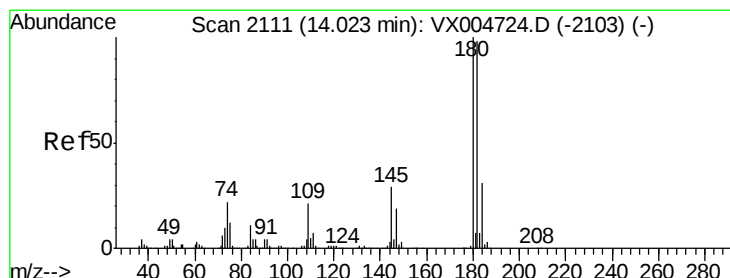
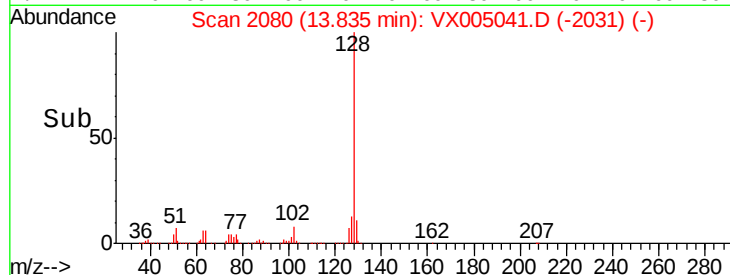
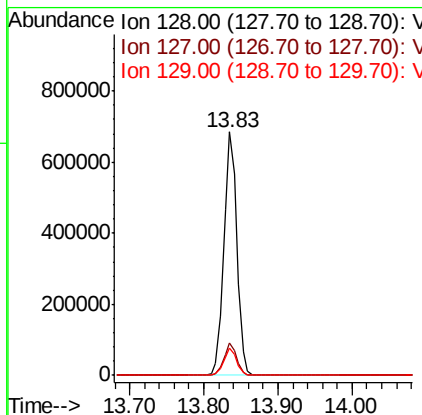
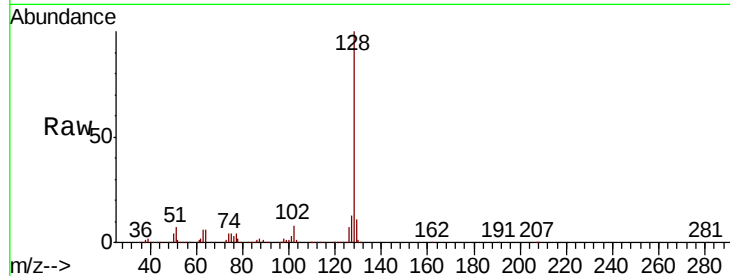
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	828190
Ion Ratio		Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/5/2018 3:24:54 PM



#96

1,2,3-Trichlorobenzene

Concen: 52.058 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. 0.00 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

Tgt Ion:	180	Resp:	260621
Ion Ratio		Lower	Upper
180	100		
182	95.5	47.9	143.8
145	29.6	15.0	45.0

