

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100318\
 Data File : VX004922.D
 Acq On : 02 Oct 2018 16:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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sam
 10/3/2018 5:56:26 PM

Quant Time: Oct 03 05:07:29 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	5.66	168	245732	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	348451	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	332707	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	208419	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	160685	45.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.56%	
35) Dibromofluoromethane	5.50	113	132278	44.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.58%	
50) Toluene-d8	8.71	98	509171	51.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.72%	
62) 4-Bromofluorobenzene	11.14	95	191479	54.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	181716	54.236	ug/l	99
3) Chloromethane	1.32	50	191434	47.094	ug/l	100
4) Vinyl Chloride	1.40	62	189739	49.767	ug/l	100
5) Bromomethane	1.64	94	124046	54.868	ug/l	95
6) Chloroethane	1.71	64	115821	56.024	ug/l	97
7) Trichlorofluoromethane	1.92	101	247982	52.540	ug/l	96
8) Diethyl Ether	2.19	74	98077	47.832	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.37	101	144311	53.676	ug/l	99
10) Methyl Iodide	2.51	142	120564	33.511	ug/l	92
11) Tert butyl alcohol	3.09	59	243439	248.025	ug/l	99
12) 1,1-Dichloroethene	2.37	96	129791	48.746	ug/l	94
13) Acrolein	2.29	56	174477	249.846	ug/l	92
14) Allyl chloride	2.72	41	298377	51.360	ug/l	95
15) Acrylonitrile	3.15	53	545028	252.249	ug/l	96
16) Acetone	2.45	43	555078	270.853	ug/l	94
17) Carbon Disulfide	2.56	76	372966	46.616	ug/l	100
18) Methyl Acetate	2.78	43	292131	56.262	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	485309	52.842	ug/l	96
20) Methylene Chloride	2.85	84	152766	51.291	ug/l	91
21) trans-1,2-Dichloroethene	3.16	96	141195	48.443	ug/l	89
22) Diisopropyl ether	3.87	45	507070	51.833	ug/l	96
23) Vinyl Acetate	3.82	43	2296204	256.423	ug/l	98
24) 1,1-Dichloroethane	3.69	63	283201	48.530	ug/l	100
25) 2-Butanone	4.70	43	761442	252.063	ug/l	97
26) 2,2-Dichloropropane	4.58	77	218420	53.750	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	155840	47.861	ug/l	95
28) Bromochloromethane	5.01	49	125874	45.805	ug/l	96
29) Tetrahydrofuran	5.16	42	477474	254.306	ug/l	97
30) Chloroform	5.21	83	260311	47.199	ug/l	100
31) Cyclohexane	5.57	56	244777	54.805	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	224626	49.871	ug/l	95
36) 1,1-Dichloropropene	5.79	75	197122	48.923	ug/l	94
37) Ethyl Acetate	4.86	43	260456	48.698	ug/l	99
38) Carbon Tetrachloride	5.78	117	197418	46.611	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	243853	59.270	ug/l	86
40) Benzene	6.14	78	592082	46.938	ug/l	95
41) Methacrylonitrile	5.06	41	146547	49.407	ug/l	98
42) 1,2-Dichloroethane	6.20	62	209746	47.036	ug/l	97
43) Isopropyl Acetate	6.46	43	392095	50.792	ug/l	97
44) Trichloroethene	7.21	130	158246	51.031	ug/l	99
45) 1,2-Dichloropropane	7.52	63	161222	52.118	ug/l	97
46) Dibromomethane	7.66	93	101491	52.205	ug/l	99
47) Bromodichloromethane	7.90	83	197887	54.367	ug/l	100
48) Methyl methacrylate	7.78	41	207890	59.332	ug/l	100
49) 1,4-Dioxane	7.76	88	90832	1043.467	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1393560	286.705	ug/l	99
52) Toluene	8.79	92	373250	53.850	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	229729	55.852	ug/l	92
54) cis-1,3-Dichloropropene	8.44	75	246948	57.320	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	154082	50.749	ug/l	96
56) Ethyl methacrylate	9.18	69	249552	50.614	ug/l	97
57) 1,3-Dichloropropane	9.37	76	259154	51.286	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	668401	255.185	ug/l	100
59) 2-Hexanone	9.50	43	1140588	281.596	ug/l	95
60) Dibromochloromethane	9.59	129	160647	52.907	ug/l	99
61) 1,2-Dibromoethane	9.68	107	159832	49.155	ug/l	95
64) Tetrachloroethene	9.34	164	156740	47.866	ug/l	96
65) Chlorobenzene	10.14	112	416769	48.850	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	152748	50.927	ug/l	99
67) Ethyl Benzene	10.26	91	718646	53.057	ug/l	96
68) m/p-Xylenes	10.36	106	560165	105.832	ug/l	95
69) o-Xylene	10.70	106	267763	55.078	ug/l	100
70) Styrene	10.71	104	457136	50.264	ug/l	100
71) Bromoform	10.86	173	132703	51.680	ug/l	96
73) Isopropylbenzene	11.02	105	731073	55.650	ug/l	100
74) N-amyl acetate	10.90	43	357568	49.537	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	260740	48.758	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	235655m	50.446	ug/l	
77) Bromobenzene	11.26	156	192598	50.475	ug/l	99
78) n-propylbenzene	11.36	91	848998	56.326	ug/l	100
79) 2-Chlorotoluene	11.42	91	507140	53.978	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	625136	51.927	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	78163	45.808	ug/l	98
82) 4-Chlorotoluene	11.51	91	598902	54.157	ug/l	100
83) tert-Butylbenzene	11.77	119	618502	57.184	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	645421	51.987	ug/l	100
85) sec-Butylbenzene	11.94	105	750061	56.934	ug/l	100
86) p-Isopropyltoluene	12.07	119	683920	57.299	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	364414	51.145	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	367910	50.021	ug/l	99
89) n-Butylbenzene	12.39	91	630586	58.171	ug/l	99
90) Hexachloroethane	12.60	117	106151	53.414	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	365023	49.023	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	59779	50.912	ug/l	99

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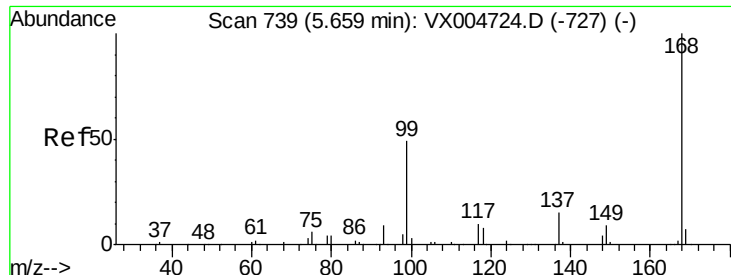
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Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	283589	54.294	ug/l	99
94) Hexachlorobutadiene	13.79	225	143149	52.851	ug/l	99
95) Naphthalene	13.83	128	882150	50.872	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	287580	53.298	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX004922.D

Acq: 02 Oct 2018 16:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 245732

Ion Ratio Lower Upper

168 100

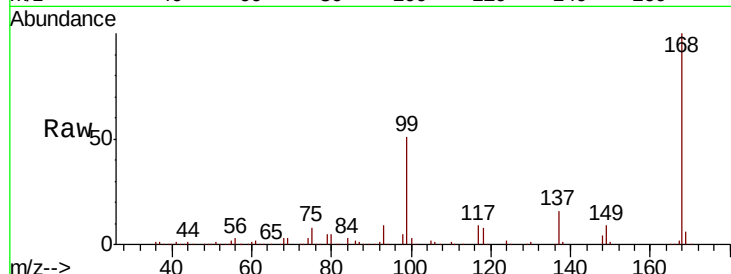
99 51.1 39.3 58.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

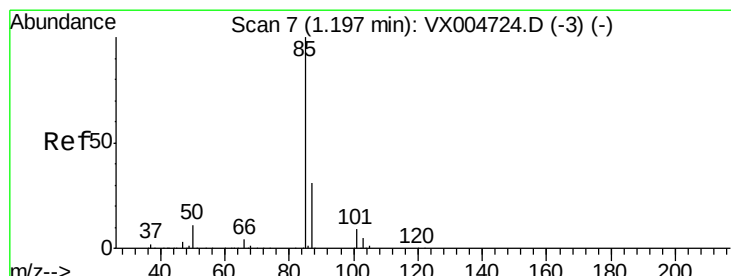
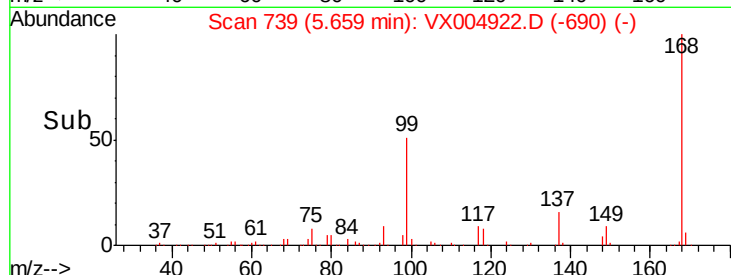
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 54.236 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX004922.D

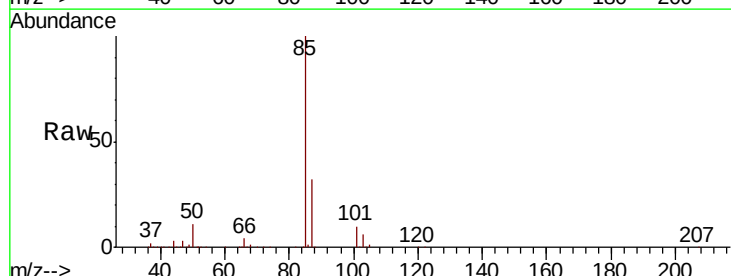
Acq: 02 Oct 2018 16:43

Tgt Ion: 85 Resp: 181716

Ion Ratio Lower Upper

85 100

87 31.8 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

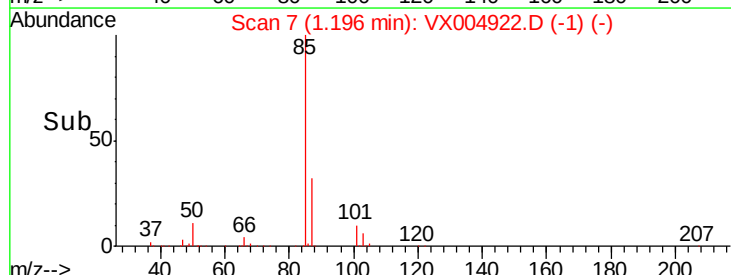
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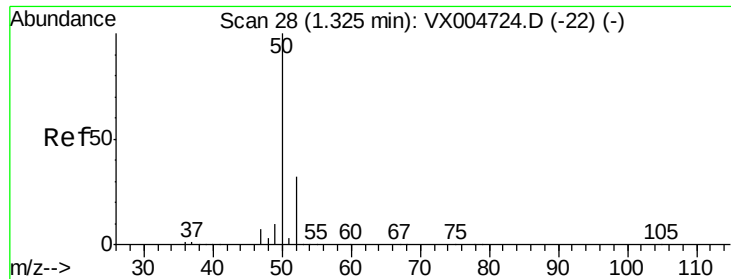
100000

50000

0

Time-->





#3

Chloromethane

Concen: 47.094 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX004922.D

Acq: 02 Oct 2018 16:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 191434

Ion Ratio Lower Upper

50 100

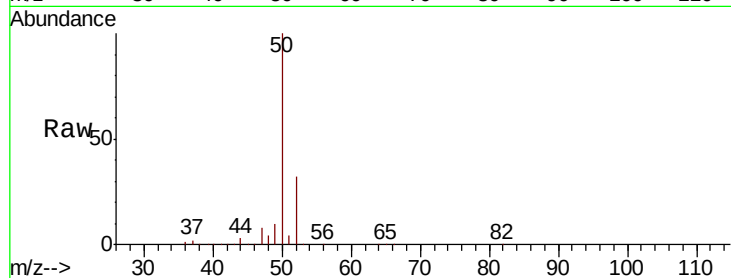
52 32.1 25.8 38.6

Manual Integrations

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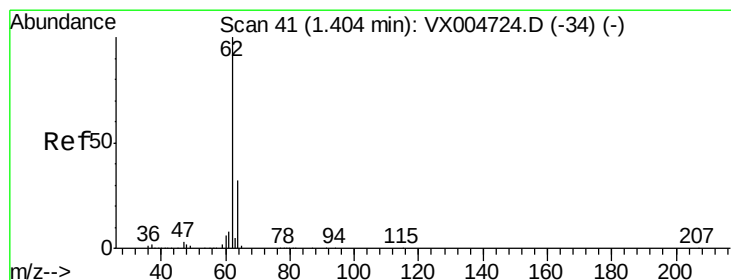
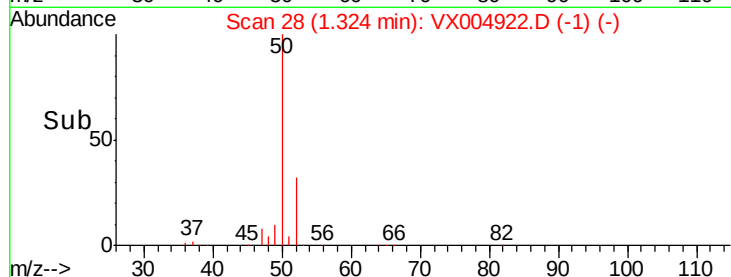
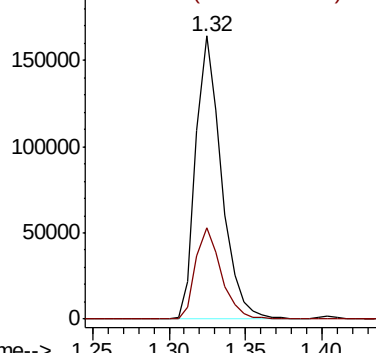
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 49.767 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004922.D

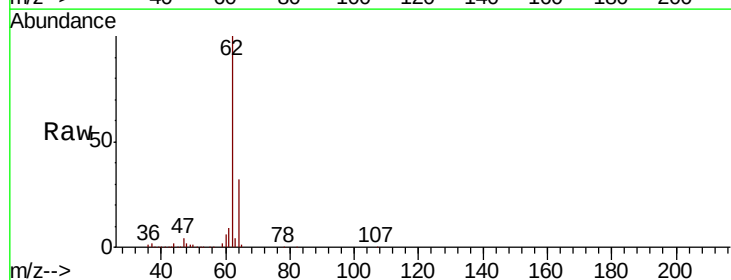
Acq: 02 Oct 2018 16:43

Tgt Ion: 62 Resp: 189739

Ion Ratio Lower Upper

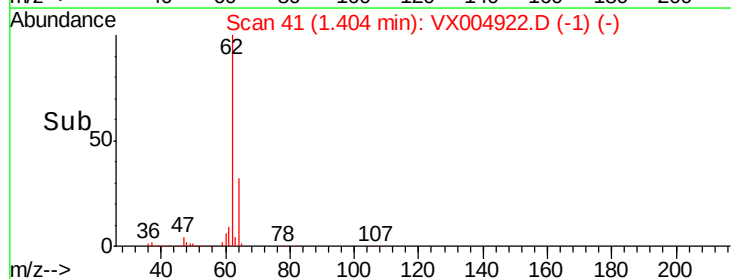
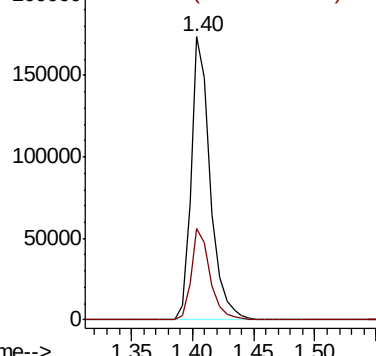
62 100

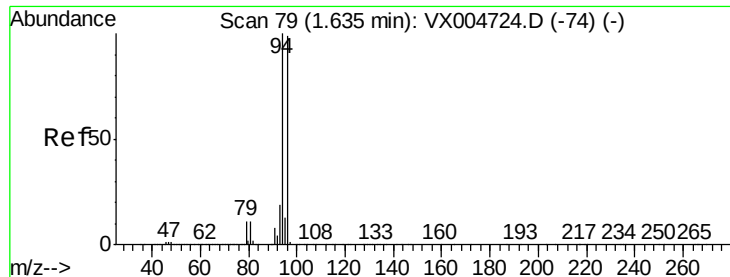
64 32.2 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 54.868 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX004922.D

Acq: 02 Oct 2018 16:43

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 94 Resp: 124046

Ion Ratio Lower Upper

94 100

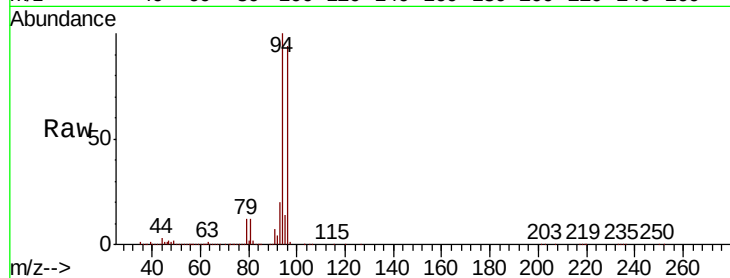
96 94.0 79.5 119.3

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

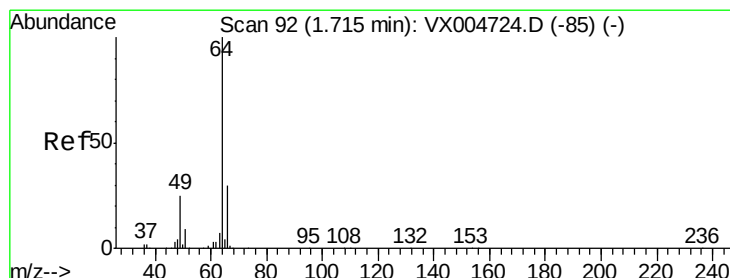
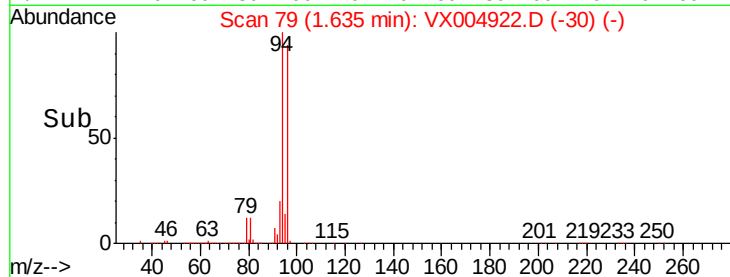
1.64

100000

50000

0

Time-->



#6

Chloroethane

Concen: 56.024 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX004922.D

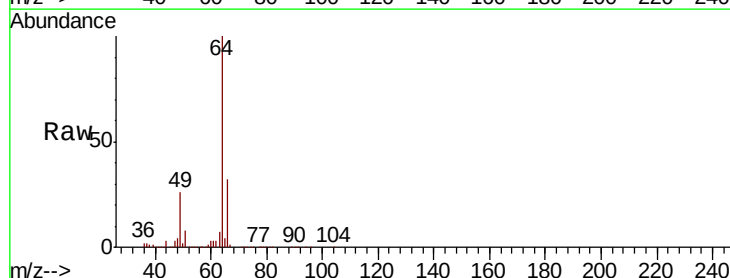
Acq: 02 Oct 2018 16:43

Tgt Ion: 64 Resp: 115821

Ion Ratio Lower Upper

64 100

66 31.6 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

100000

80000

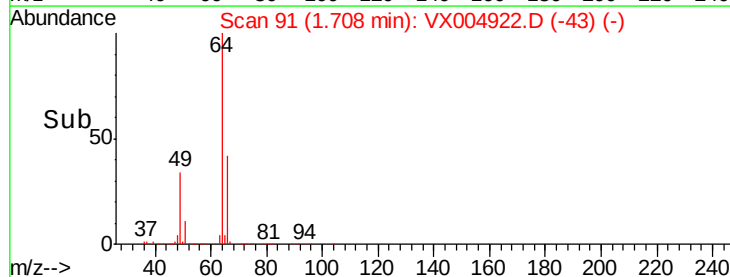
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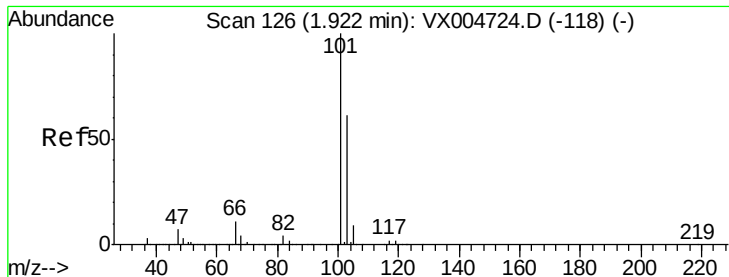
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Time-->





#7

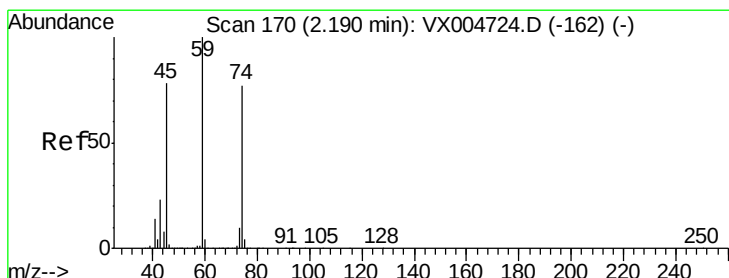
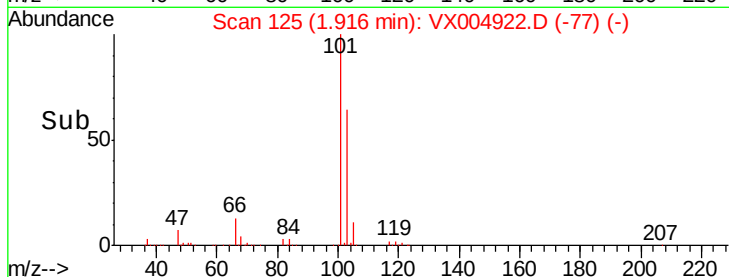
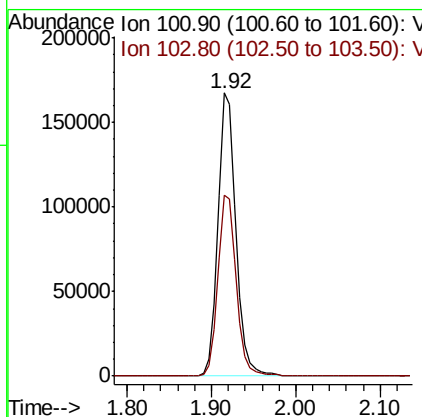
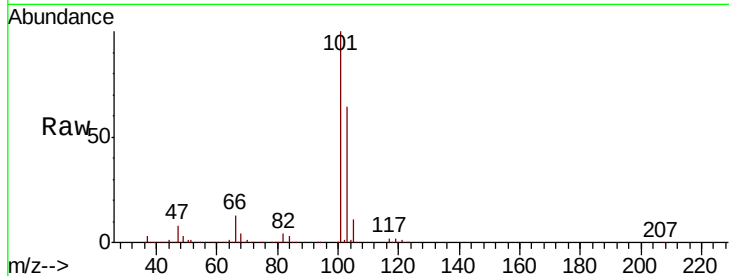
Trichlorofluoromethane
 Concen: 52.540 ug/l
 RT: 1.92 min Scan# 125
 Delta R.T. -0.01 min
 Lab File: VX004922.D
 Acq: 02 Oct 2018 16:43

Instrument :
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 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.7	48.4	72.6

Manual Integrations
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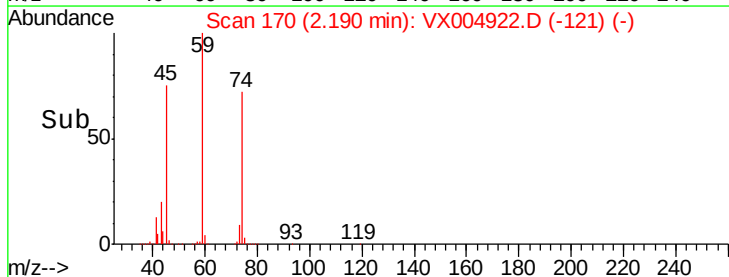
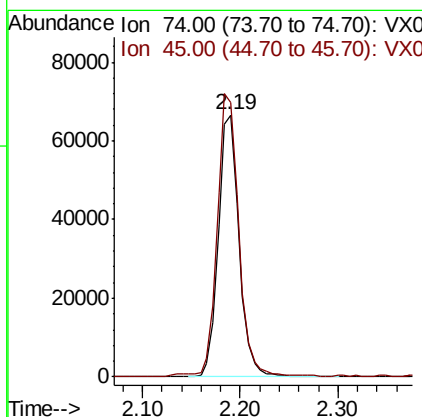
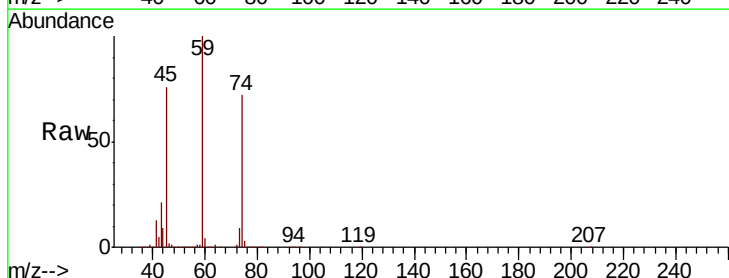
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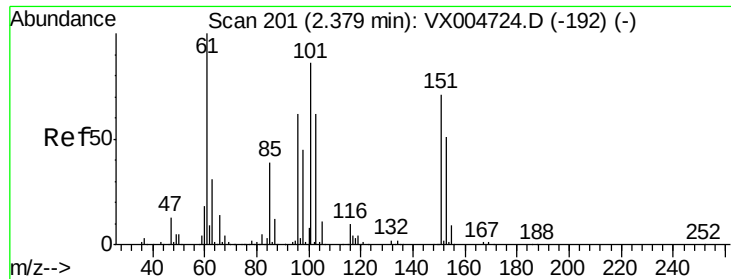


#8

Diethyl Ether
 Concen: 47.832 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX004922.D
 Acq: 02 Oct 2018 16:43

Tgt Ion	Ratio	Lower	Upper
74	100		
45	111.9	52.5	157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.676 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX004922.D

Acq: 02 Oct 2018 16:43

Instrument :

MSVOA_X

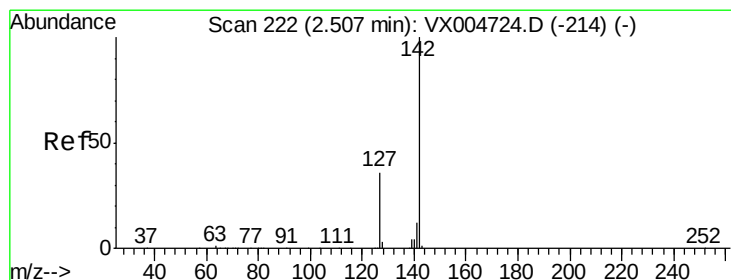
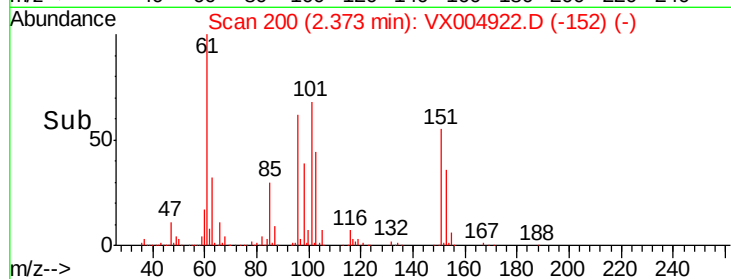
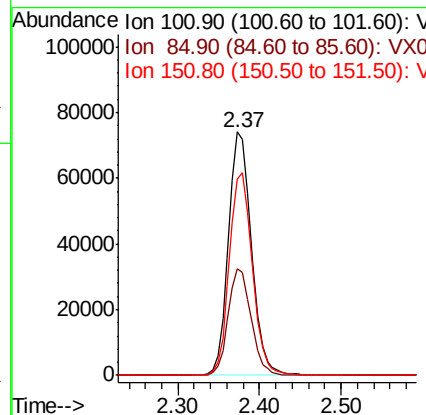
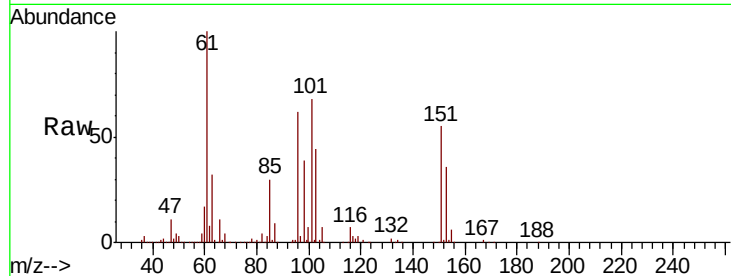
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	144311
Ion Ratio	Lower	Upper	
101	100		
85	43.7	35.9	53.9
151	83.4	66.6	100.0

Manual Integrations
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#10

Methyl Iodide

Concen: 33.511 ug/l

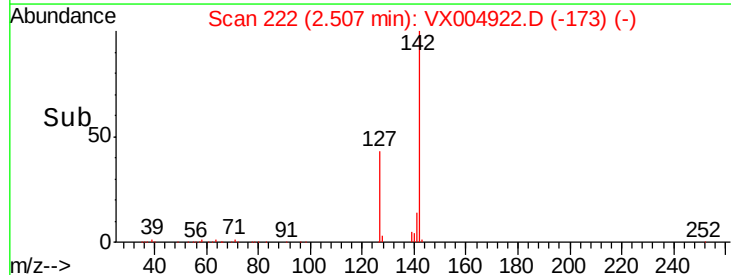
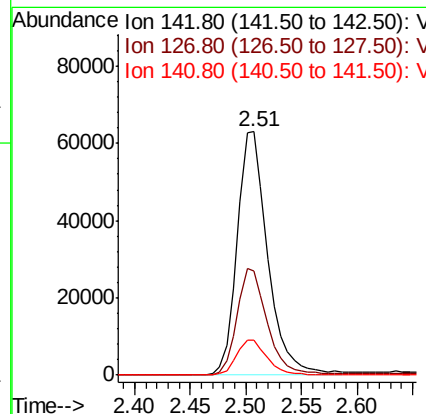
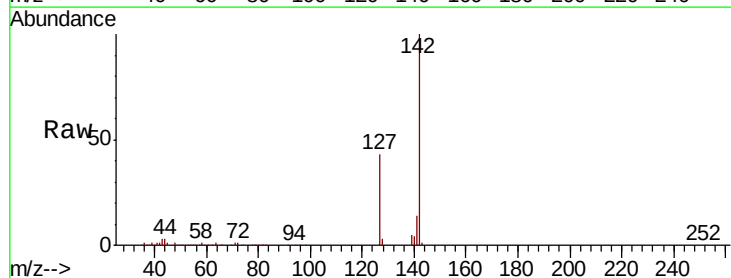
RT: 2.51 min Scan# 222

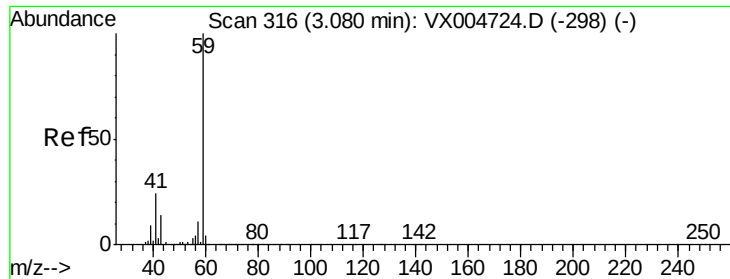
Delta R.T. -0.00 min

Lab File: VX004922.D

Acq: 02 Oct 2018 16:43

Tgt Ion:	142	Resp:	120564
Ion Ratio	Lower	Upper	
142	100		
127	43.0	30.1	45.1
141	14.5	10.1	15.1





#11

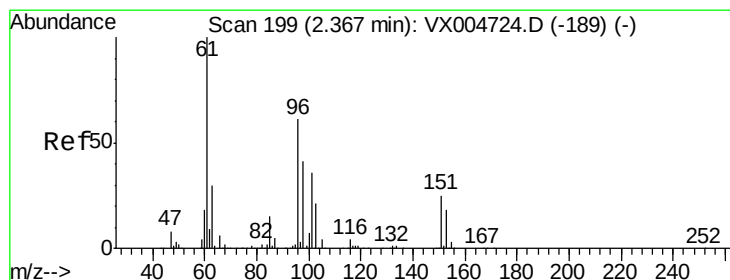
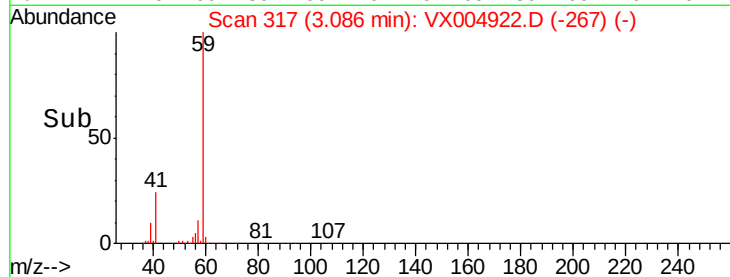
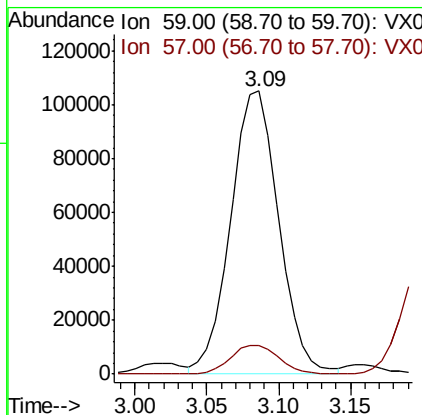
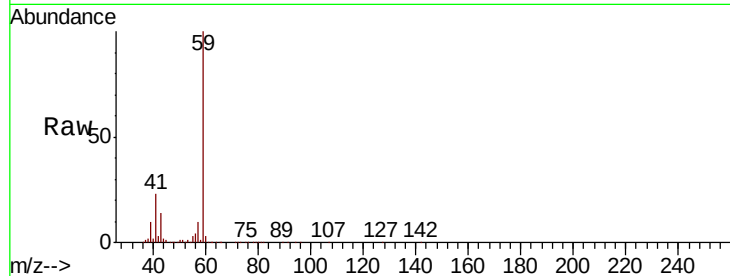
Tert butyl alcohol
 Concen: 248.025 ug/l
 RT: 3.09 min Scan# 317
 Delta R.T. 0.01 min
 Lab File: VX004922.D
 Acq: 02 Oct 2018 16:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.6	12.8

Manual Integrations
 APPROVED

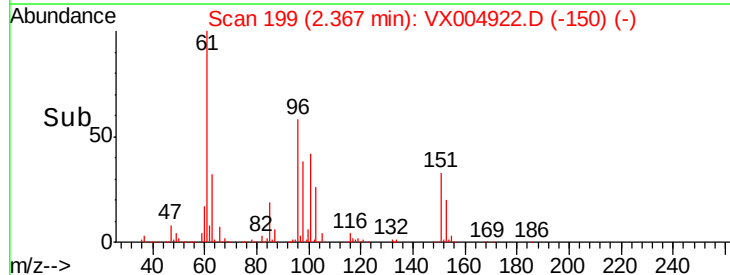
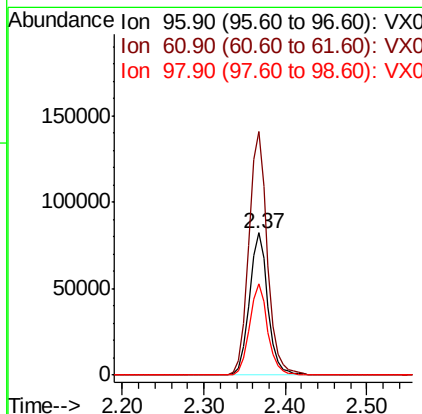
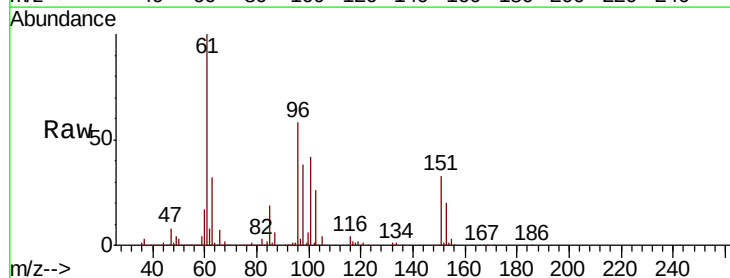
sam
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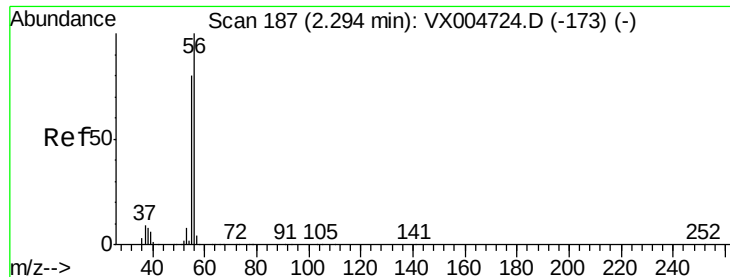


#12

1,1-Dichloroethene
 Concen: 48.746 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.00 min
 Lab File: VX004922.D
 Acq: 02 Oct 2018 16:43

Tgt Ion	Ratio	Lower	Upper
96	100		
61	171.7	130.2	195.4
98	64.4	53.4	80.0





#13

Acrolein

Concen: 249.846 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX004922.D

Acq: 02 Oct 2018 16:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 174477

Ion Ratio Lower Upper

56 100

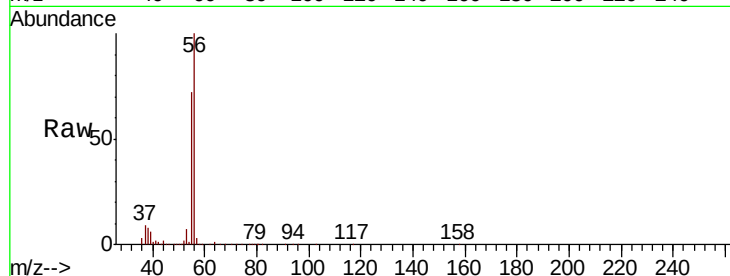
55 72.1 63.4 95.2

Manual Integrations

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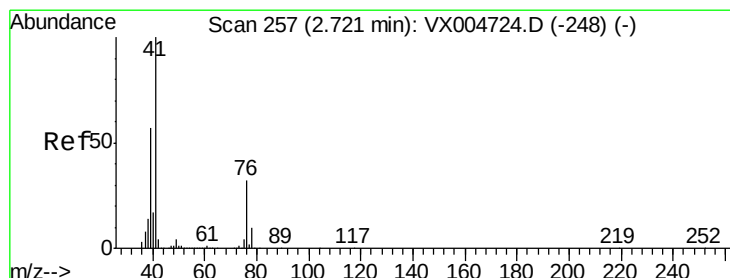
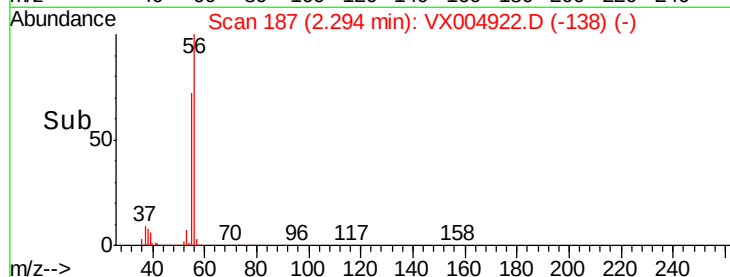
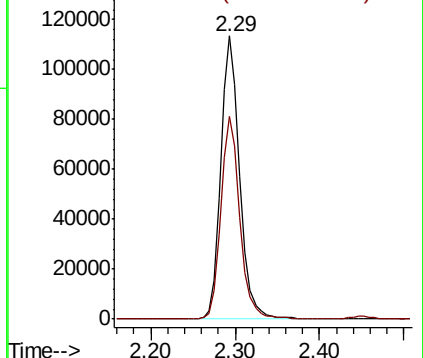
sam

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 51.360 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.00 min

Lab File: VX004922.D

Acq: 02 Oct 2018 16:43

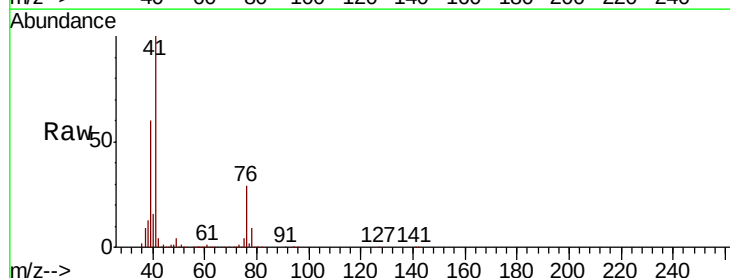
Tgt Ion: 41 Resp: 298377

Ion Ratio Lower Upper

41 100

39 58.8 44.1 66.1

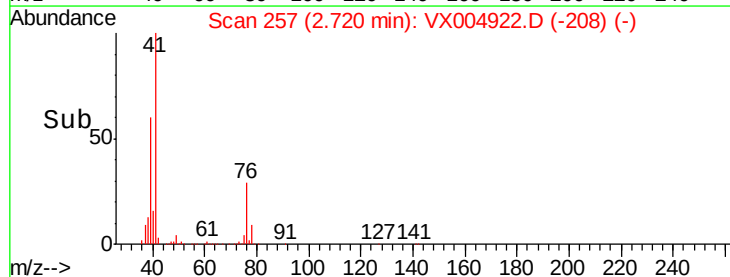
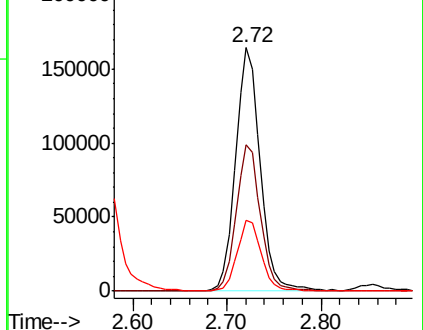
76 28.7 25.0 37.4

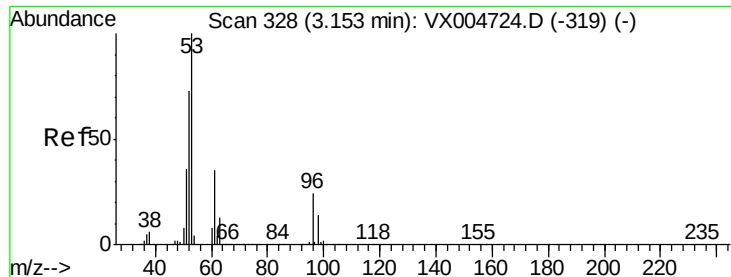


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 252.249 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX004922.D

Acq: 02 Oct 2018 16:43

Instrument :

MSVOA_X

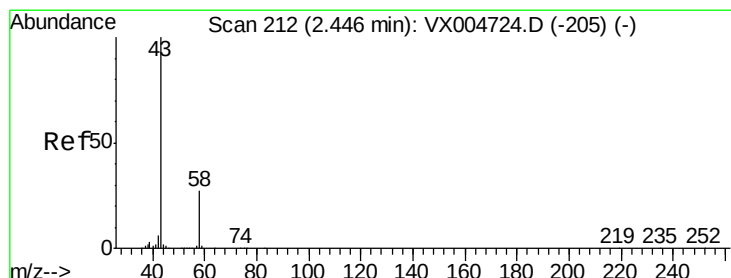
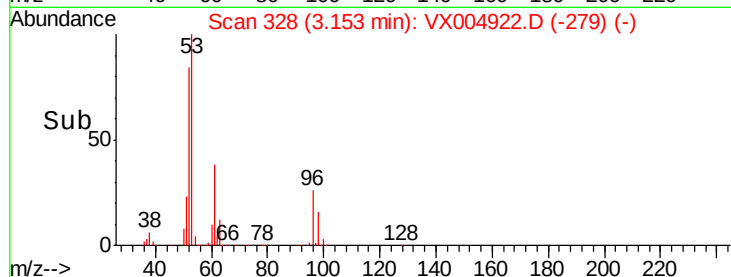
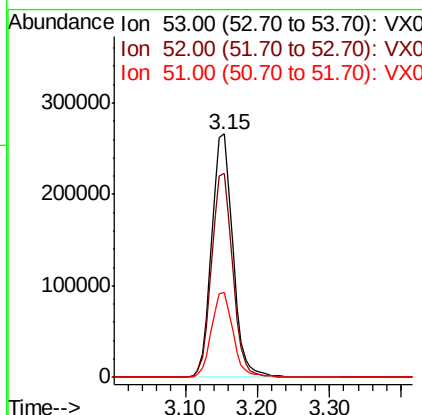
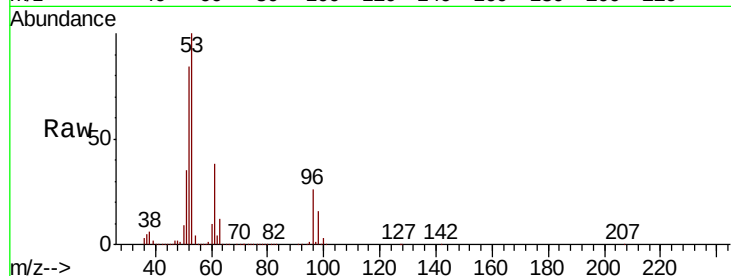
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	545028
Ion	Ratio	Lower	Upper
53	100		
52	83.6	63.0	94.4
51	35.5	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 270.853 ug/l

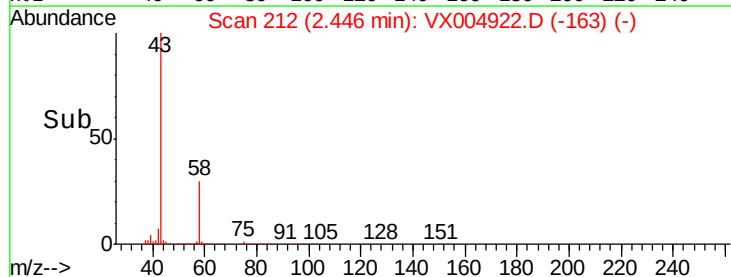
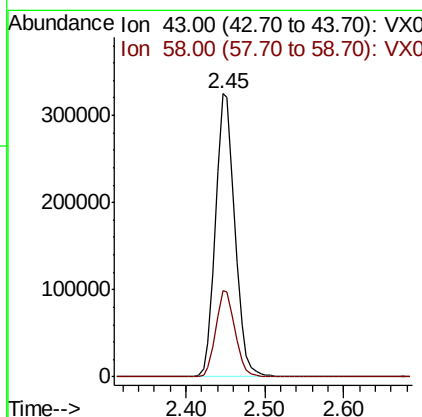
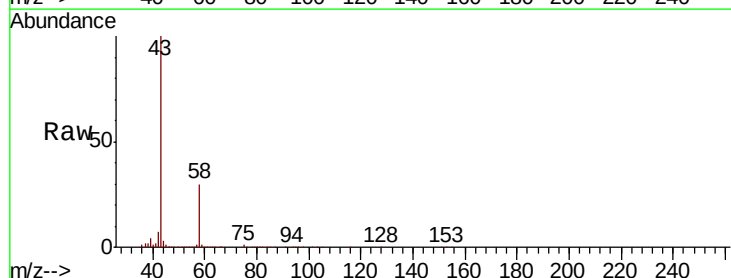
RT: 2.45 min Scan# 212

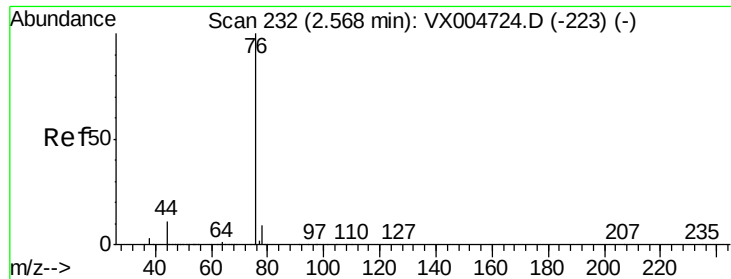
Delta R.T. -0.00 min

Lab File: VX004922.D

Acq: 02 Oct 2018 16:43

Tgt Ion:	43	Resp:	555078
Ion	Ratio	Lower	Upper
43	100		
58	30.4	21.8	32.6





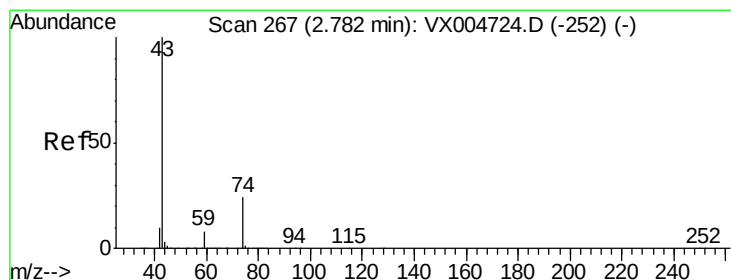
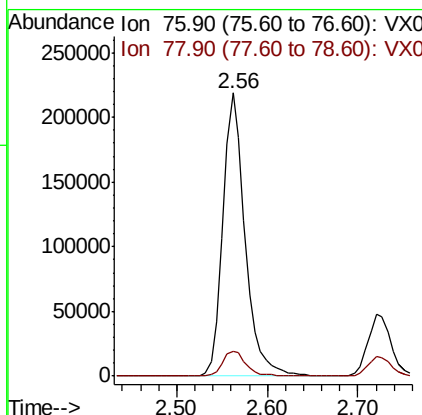
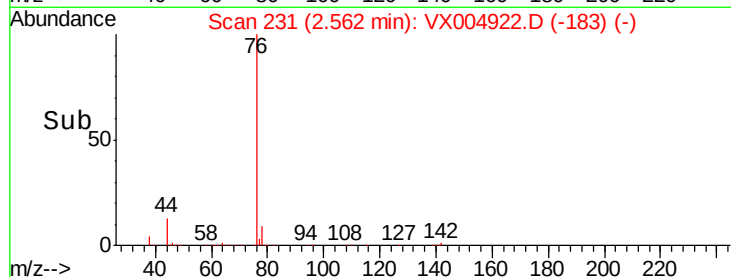
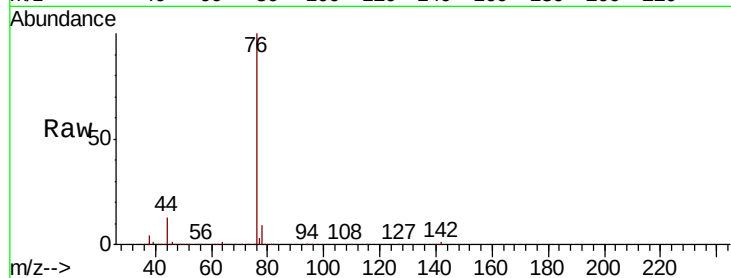
#17
Carbon Disulfide
Concen: 46.616 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX004922.D
Acq: 02 Oct 2018 16:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.0	10.6

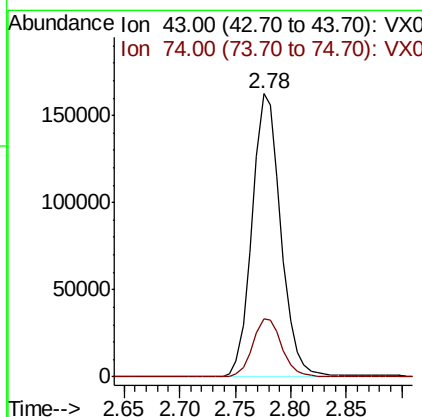
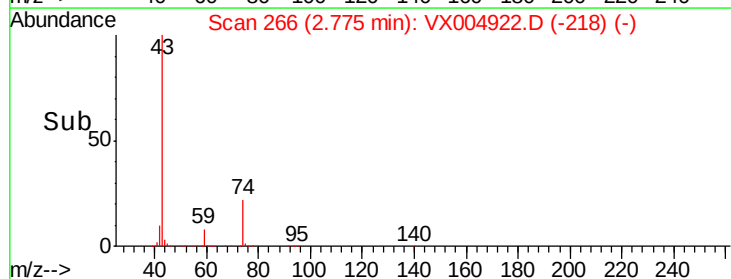
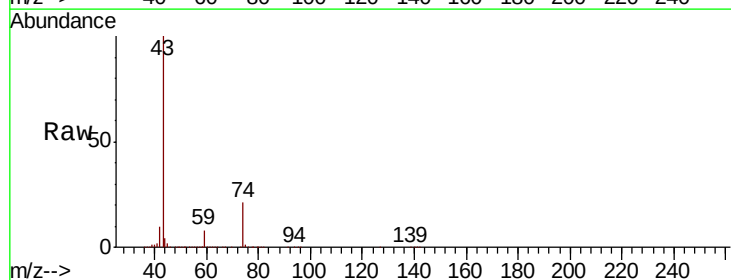
Manual Integrations
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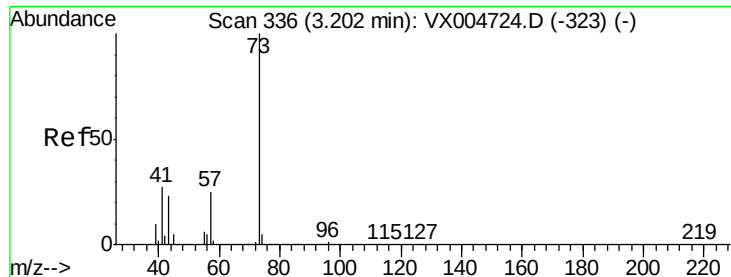
sam
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#18
Methyl Acetate
Concen: 56.262 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX004922.D
Acq: 02 Oct 2018 16:43

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.7	17.8	26.8





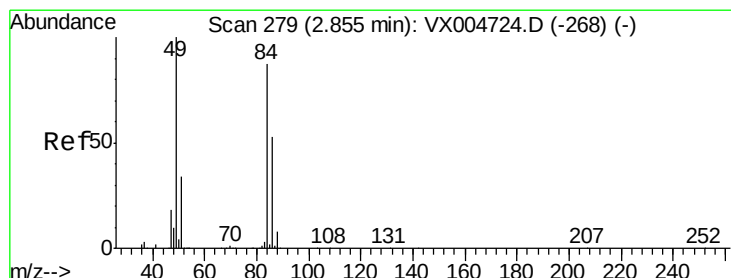
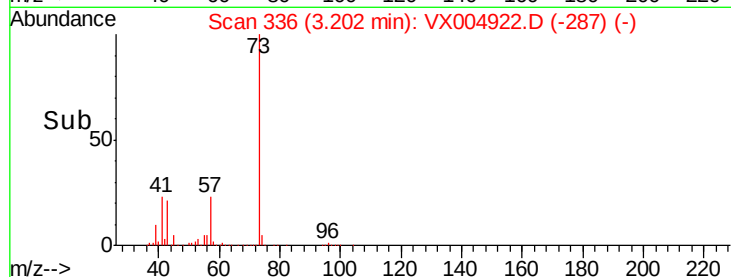
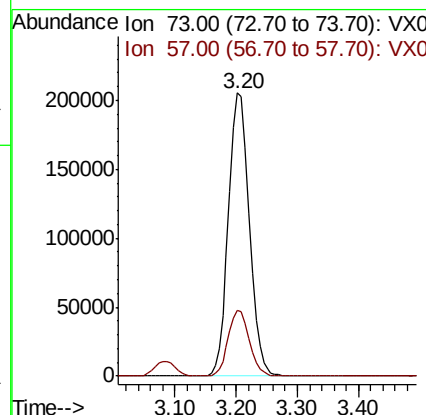
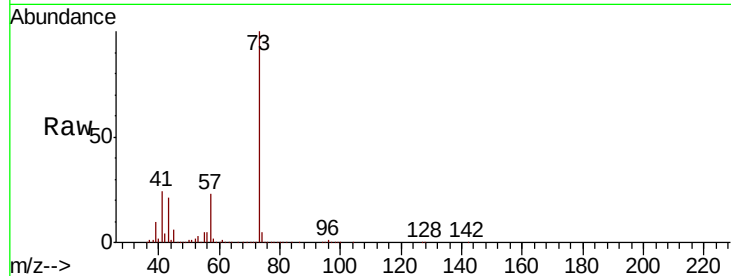
#19
Methyl tert-butyl Ether
Concen: 52.842 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX004922.D
Acq: 02 Oct 2018 16:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.0	19.9	29.9

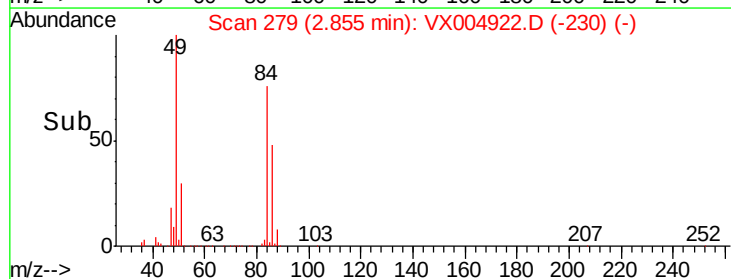
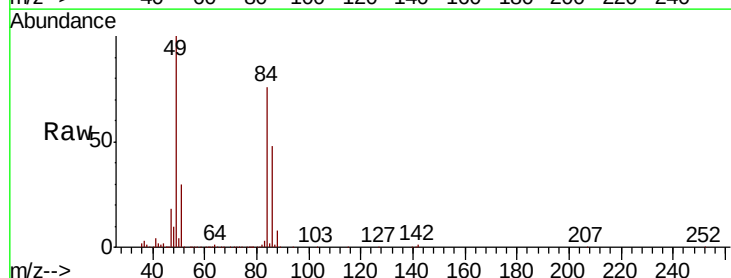
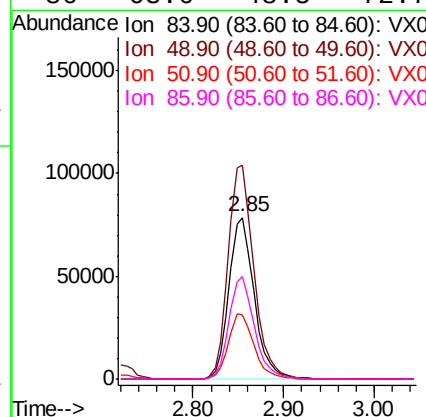
Manual Integrations
APPROVED

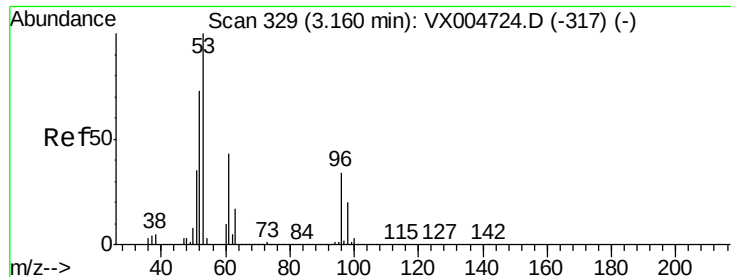
sam
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#20
Methylene Chloride
Concen: 51.291 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX004922.D
Acq: 02 Oct 2018 16:43

Tgt Ion	Ratio	Lower	Upper
84	100		
49	132.0	92.3	138.5
51	39.7	31.8	47.6
86	63.0	48.5	72.7





#21

trans-1,2-Dichloroethene

Concen: 48.443 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX004922.D

Acq: 02 Oct 2018 16:43

Instrument :

MSVOA_X

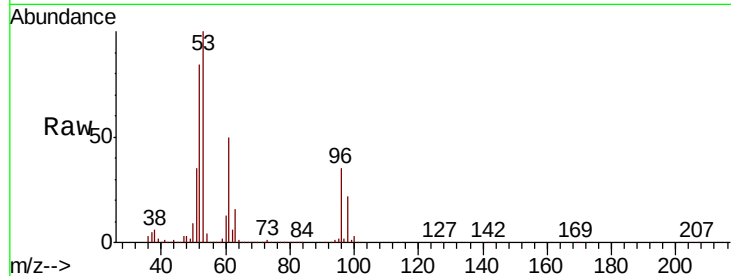
ClientSampleId :

VSTDCCC050

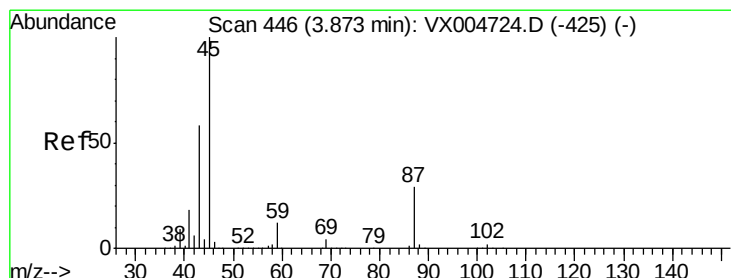
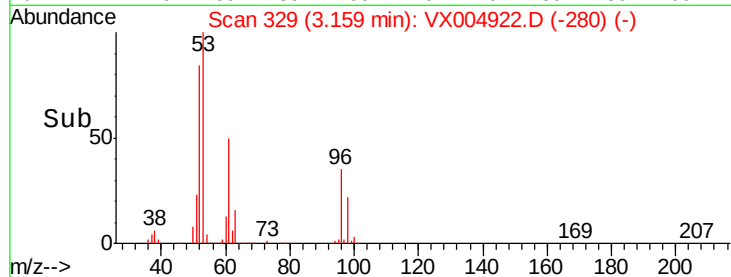
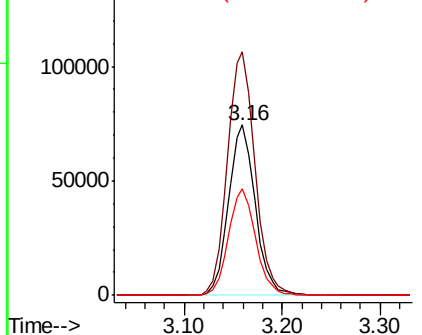
Tot Ion:	96	Resp:	141195
Ion	Ratio	Lower	Upper
96	100		
61	142.6	101.0	151.6
98	62.9	47.2	70.8

Manual Integrations
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Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 51.833 ug/l

RT: 3.87 min Scan# 446

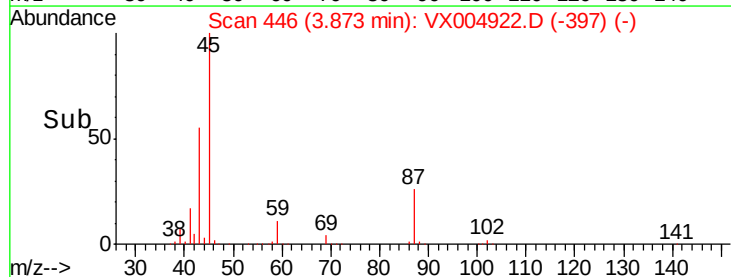
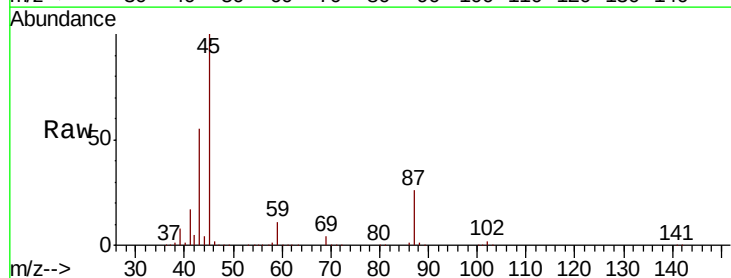
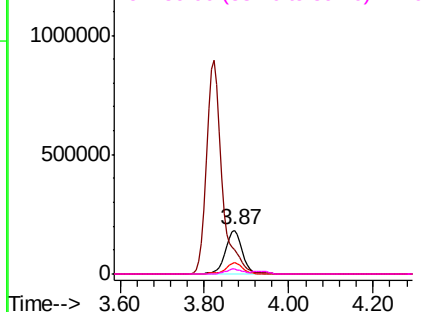
Delta R.T. -0.00 min

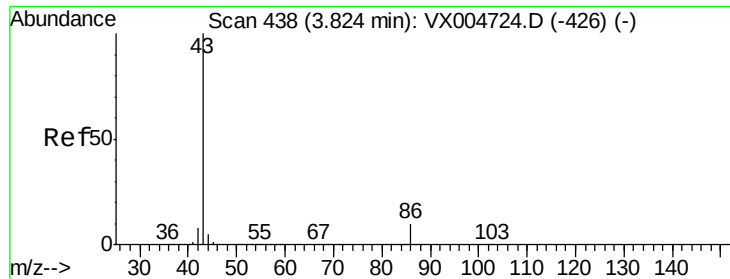
Lab File: VX004922.D

Acq: 02 Oct 2018 16:43

Tgt Ion:	45	Resp:	507070
Ion	Ratio	Lower	Upper
45	100		
43	55.4	46.7	70.1
87	25.8	22.9	34.3
59	11.0	9.3	13.9

Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





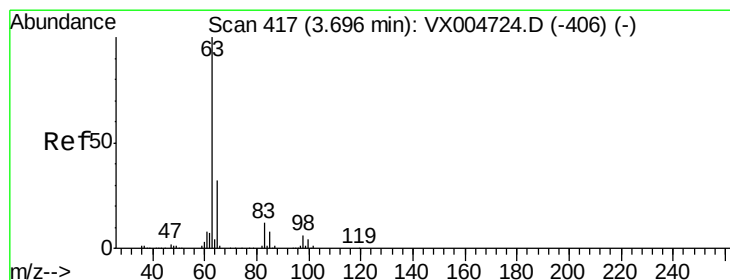
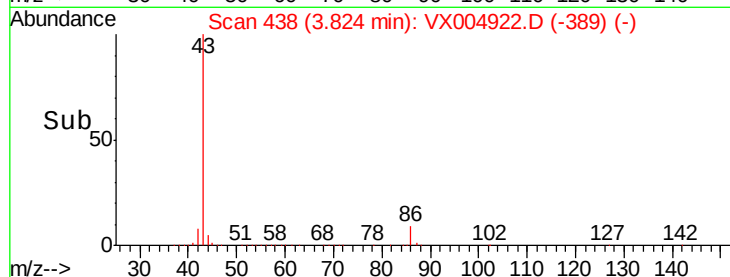
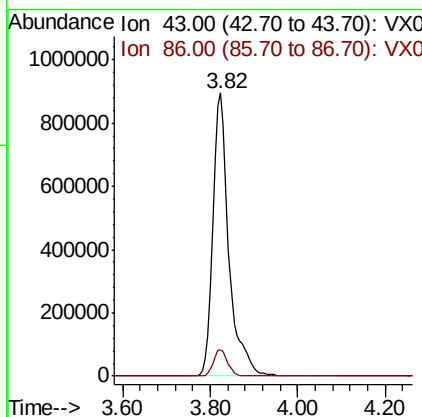
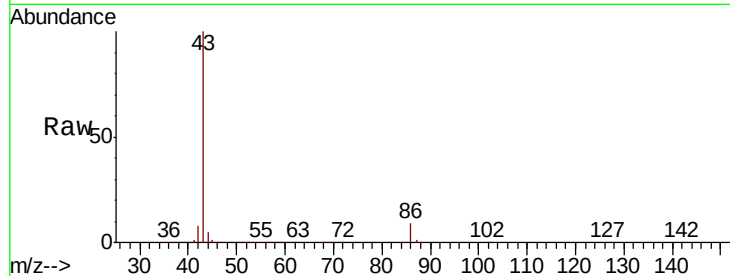
#23
 Vinyl Acetate
 Concen: 256.423 ug/l
 RT: 3.82 min Scan# 438
 Delta R.T. -0.00 min
 Lab File: VX004922.D
 Acq: 02 Oct 2018 16:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 2296204
 Ion Ratio Lower Upper
 43 100
 86 9.4 8.1 12.1

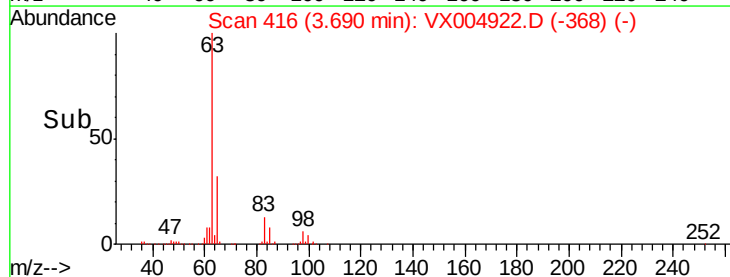
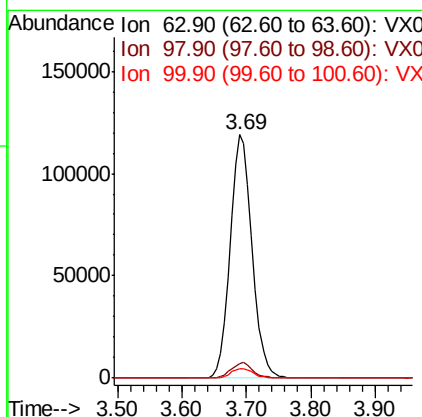
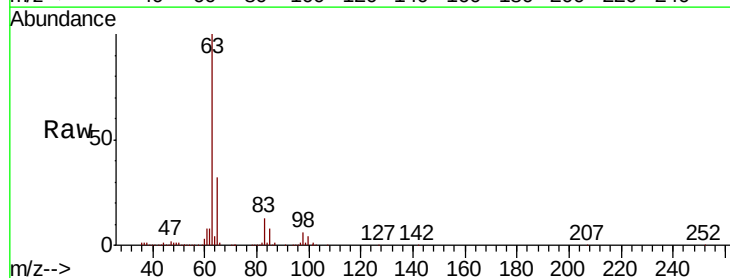
Manual Integrations
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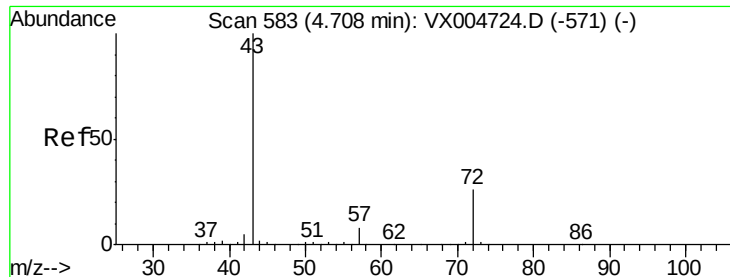
sam
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#24
 1,1-Dichloroethane
 Concen: 48.530 ug/l
 RT: 3.69 min Scan# 416
 Delta R.T. -0.01 min
 Lab File: VX004922.D
 Acq: 02 Oct 2018 16:43

Tgt Ion: 63 Resp: 283201
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.0 9.2
 100 3.9 2.0 5.8





#25

2-Butanone

Concen: 252.063 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX004922.D

Acq: 02 Oct 2018 16:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 761442

Ion Ratio Lower Upper

43 100

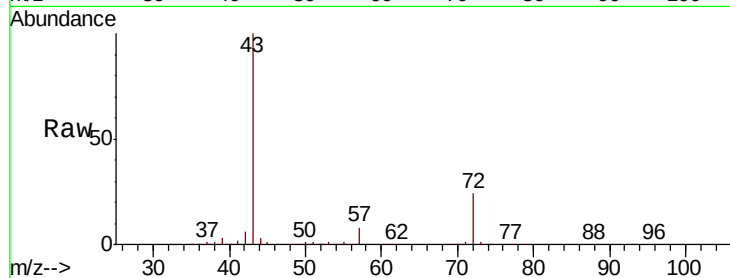
72 24.4 20.8 31.2

Manual Integrations

APPROVED

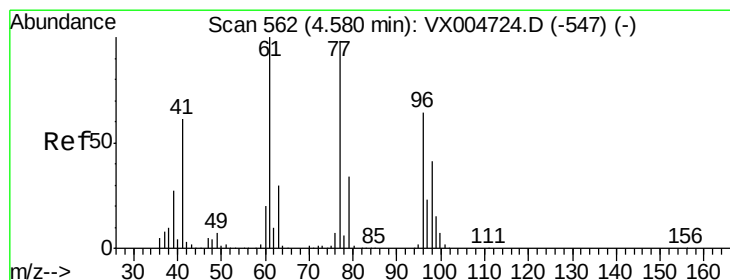
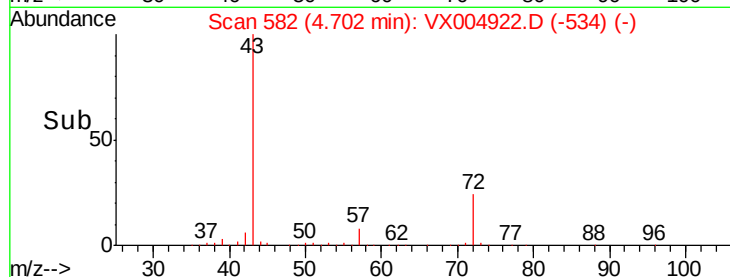
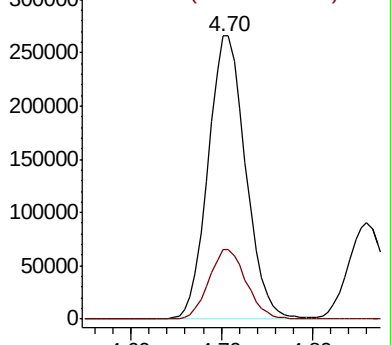
sam

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 53.750 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX004922.D

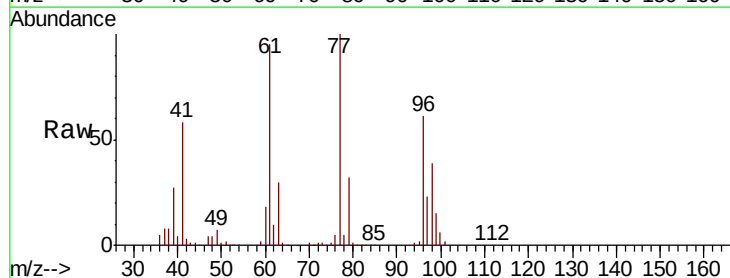
Acq: 02 Oct 2018 16:43

Tgt Ion: 77 Resp: 218420

Ion Ratio Lower Upper

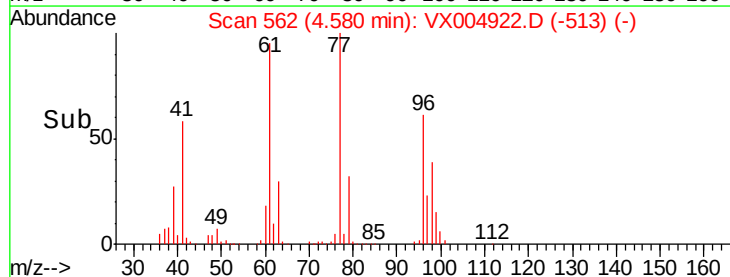
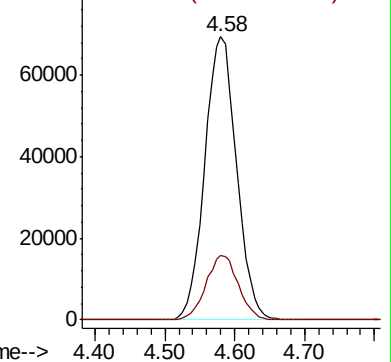
77 100

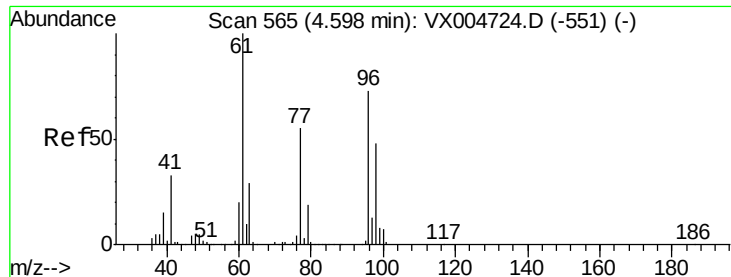
97 23.2 12.6 37.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

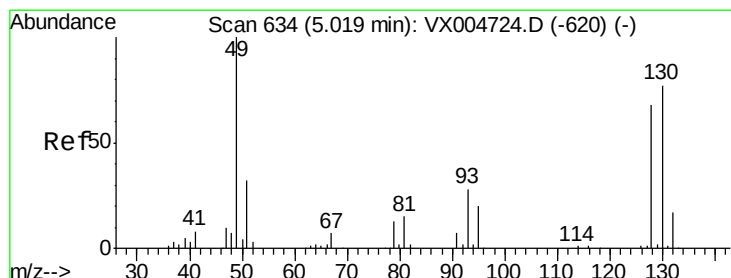
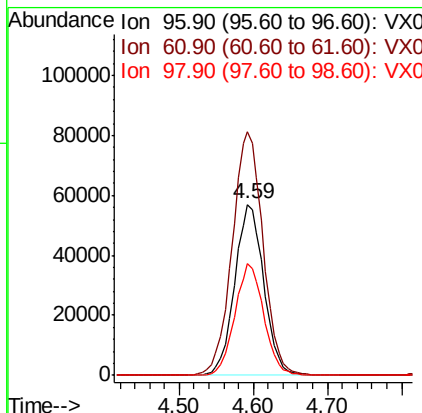
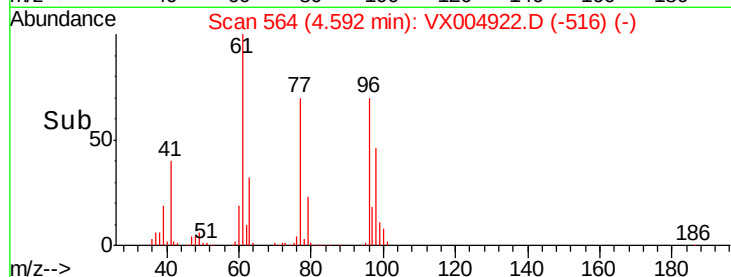
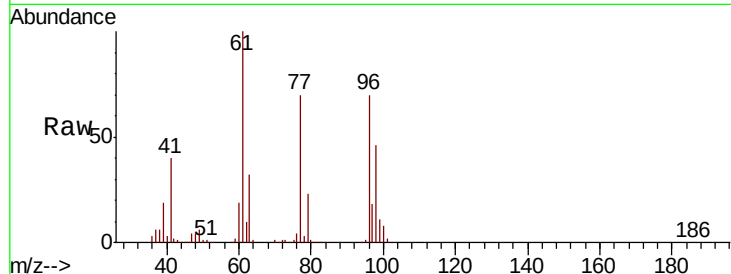
cis-1,2-Dichloroethene
 Concen: 47.861 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX004922.D
 Acq: 02 Oct 2018 16:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	155840		
61	150.7	0.0	285.8	
98	65.3	0.0	136.2	

Manual Integrations
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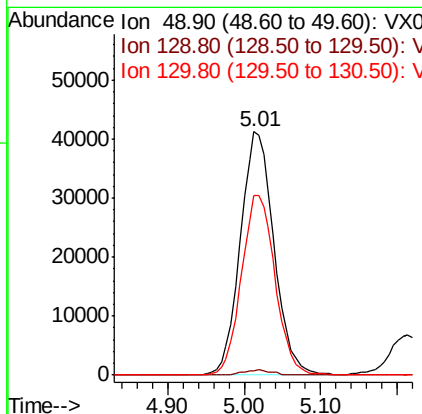
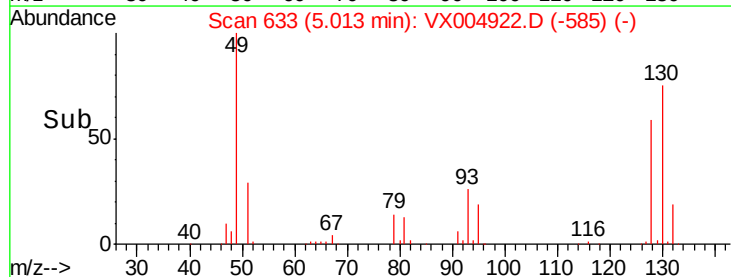
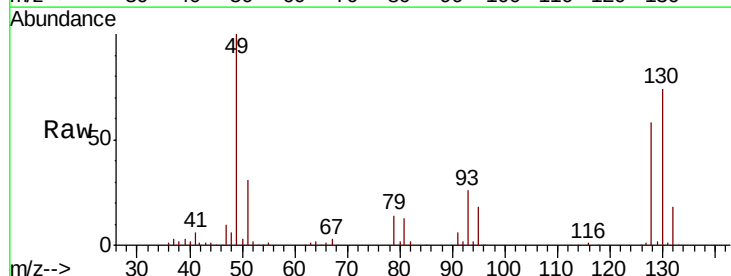
sam
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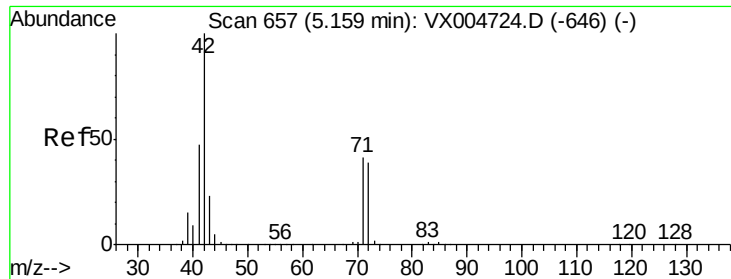


#28

Bromochloromethane
 Concen: 45.805 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX004922.D
 Acq: 02 Oct 2018 16:43

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	125874		
129	1.9	0.0	4.2	
130	74.0	62.0	93.0	





#29

Tetrahydrofuran

Concen: 254.306 ug/l

RT: 5.16 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX004922.D

Acq: 02 Oct 2018 16:43

Instrument :

MSVOA_X

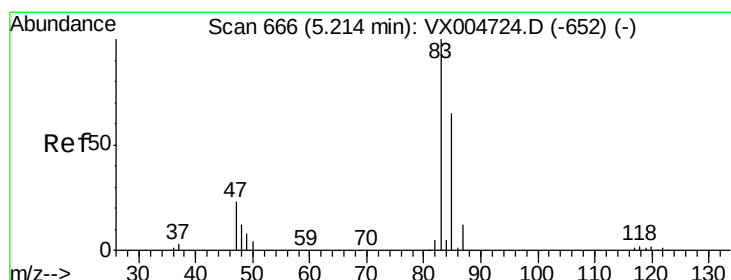
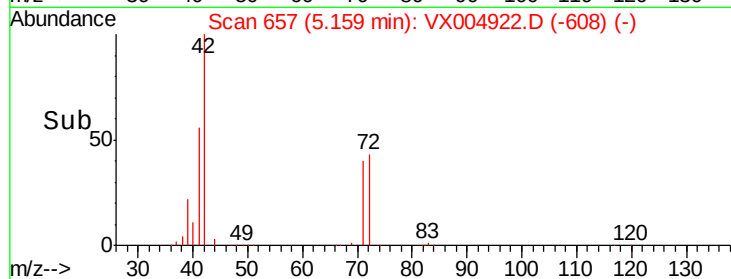
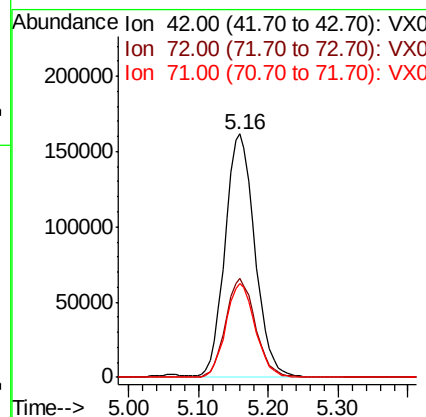
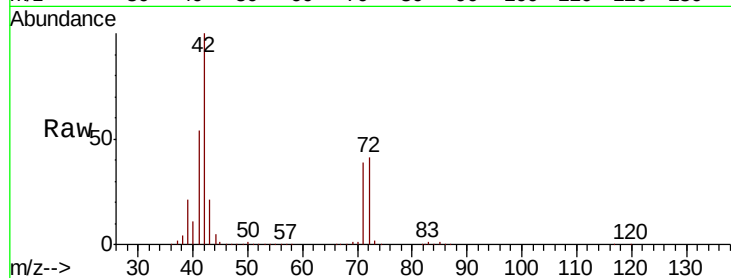
ClientSampleId :

VSTDCCC050

Tot Ion:	42	Resp:	477474
Ion Ratio	Lower	Upper	
42	100		
72	40.9	33.7	50.5
71	38.2	32.2	48.4

Manual Integrations
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sam
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#30

Chloroform

Concen: 47.199 ug/l

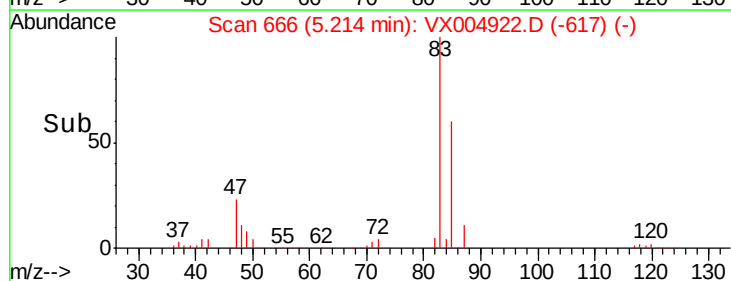
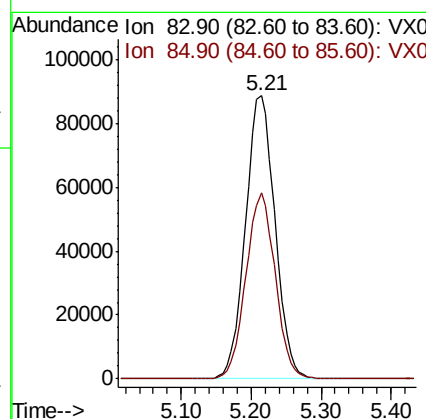
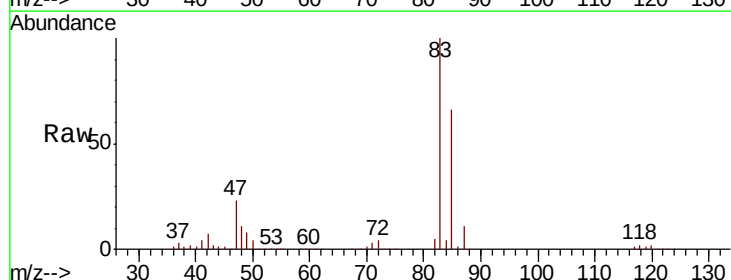
RT: 5.21 min Scan# 666

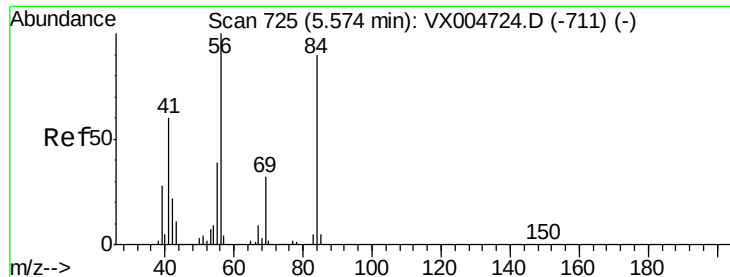
Delta R.T. -0.00 min

Lab File: VX004922.D

Acq: 02 Oct 2018 16:43

Tgt Ion:	83	Resp:	260311
Ion Ratio	Lower	Upper	
83	100		
85	65.7	52.4	78.6





#31

Cyclohexane

Concen: 54.805 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX004922.D

Acq: 02 Oct 2018 16:43

Instrument :

MSVOA_X

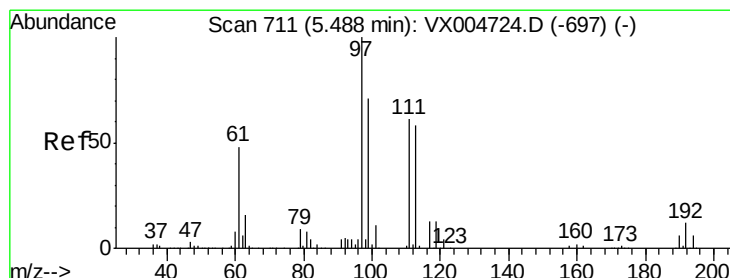
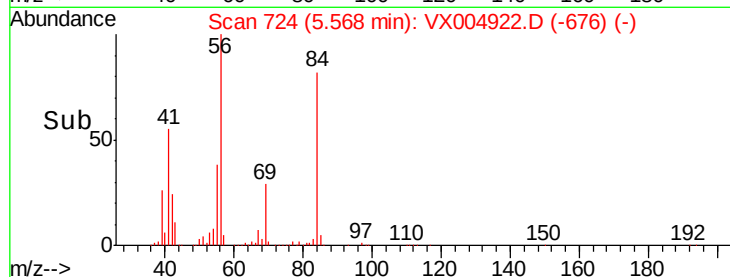
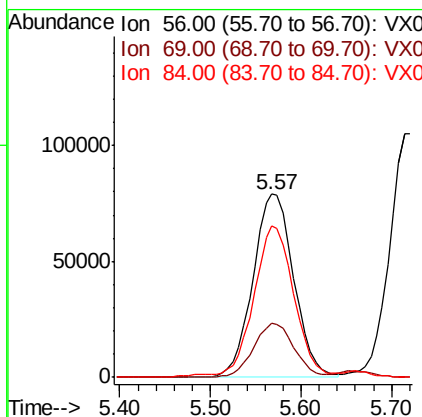
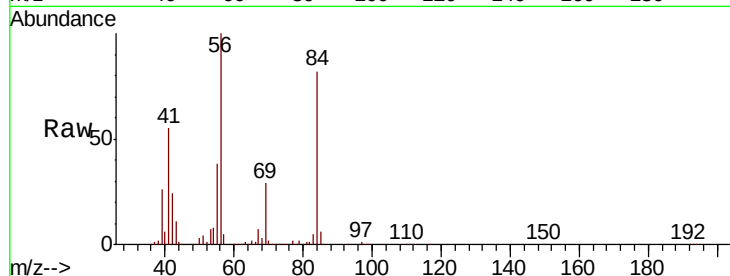
ClientSampled :

VSTDCCC050

Tot Ion:	56	Resp:	244777
Ion	Ratio	Lower	Upper
56	100		
69	29.3	25.9	38.9
84	81.2	71.9	107.9

Manual Integrations
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sam
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#32

1,1,1-Trichloroethane

Concen: 49.871 ug/l

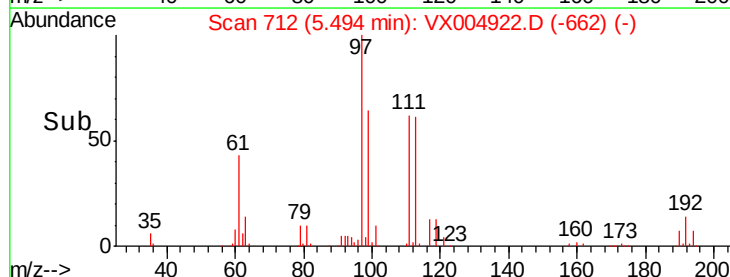
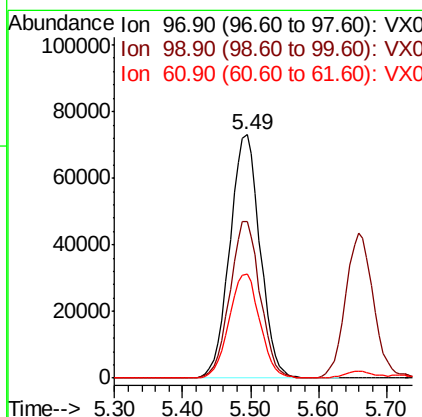
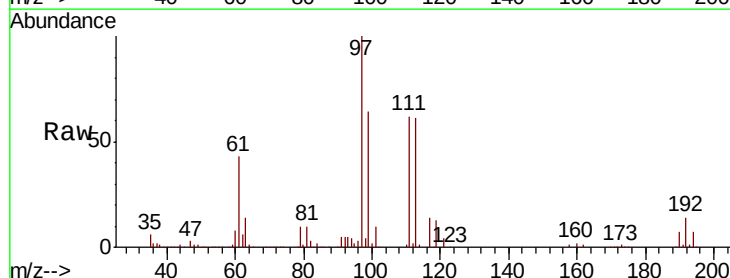
RT: 5.49 min Scan# 712

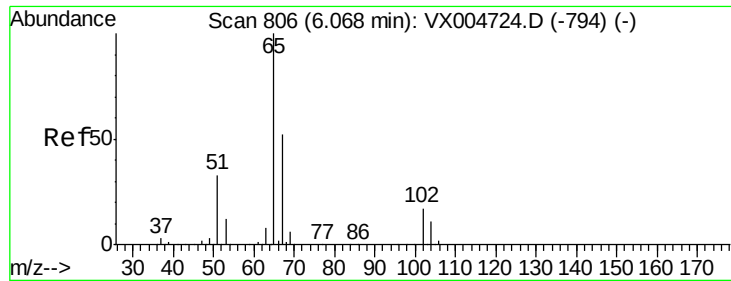
Delta R.T. 0.01 min

Lab File: VX004922.D

Acq: 02 Oct 2018 16:43

Tgt Ion:	97	Resp:	224626
Ion	Ratio	Lower	Upper
97	100		
99	64.5	54.6	82.0
61	43.8	37.5	56.3





#33

1,2-Dichloroethane-d4

Concen: 45.775 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004922.D

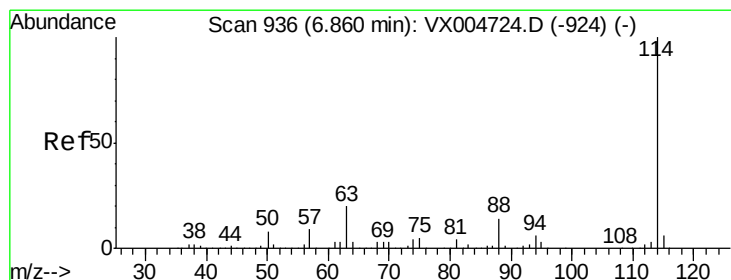
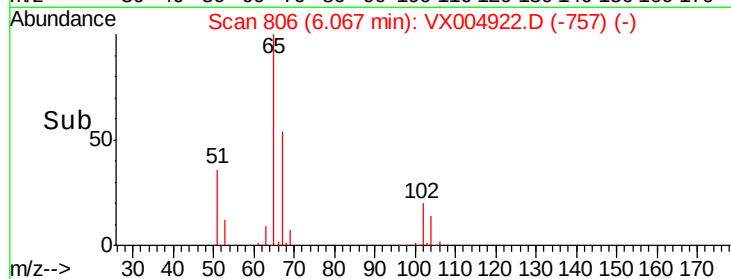
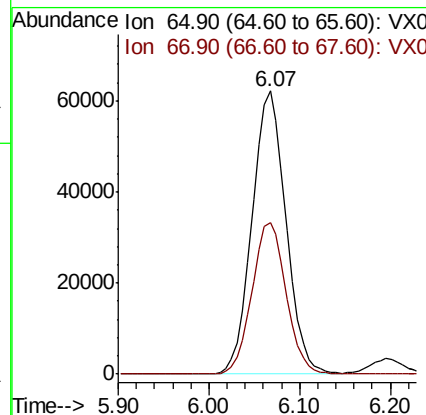
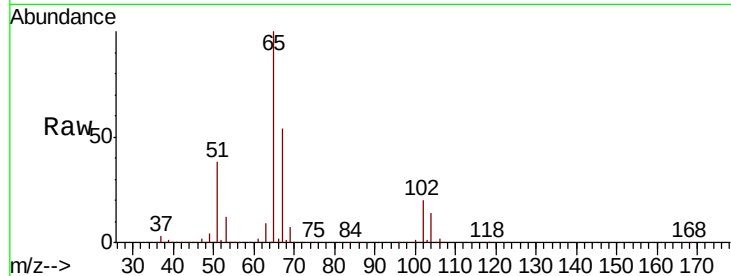
Acq: 02 Oct 2018 16:43

Tot Ion:	65	Resp:	160685
Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	107.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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sam
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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

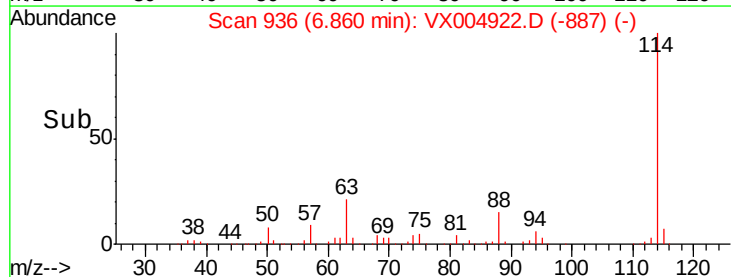
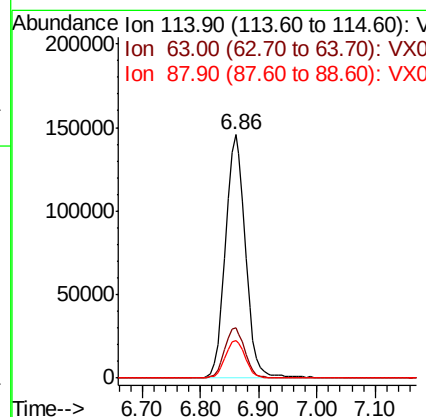
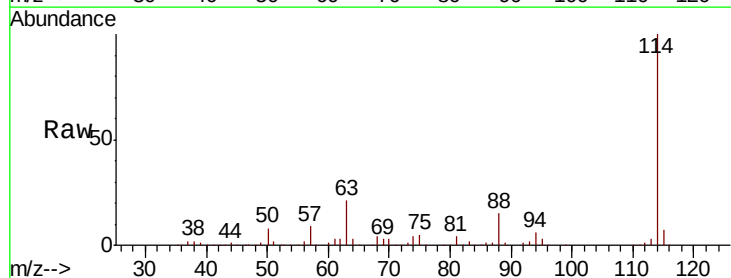
RT: 6.86 min Scan# 936

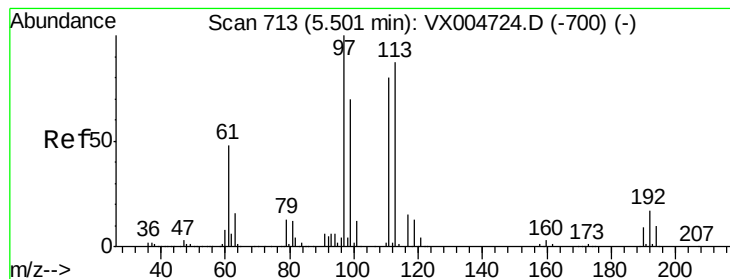
Delta R.T. -0.00 min

Lab File: VX004922.D

Acq: 02 Oct 2018 16:43

Tgt Ion:	114	Resp:	348451
Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	39.8
88	15.3	0.0	27.0





#35

Dibromofluoromethane

Concen: 44.792 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX004922.D

Acq: 02 Oct 2018 16:43

Instrument :

MSVOA_X

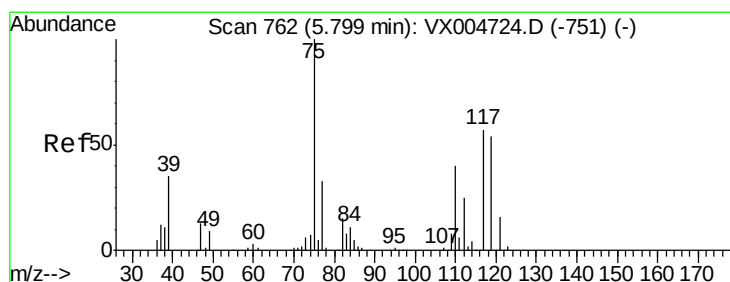
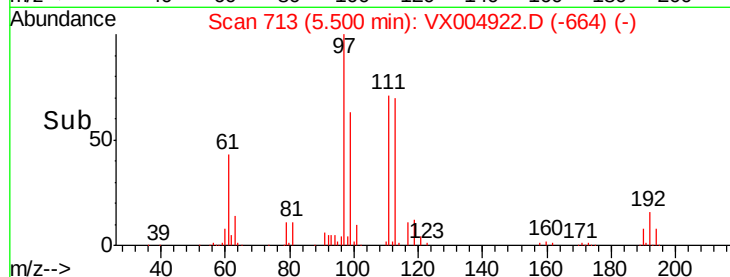
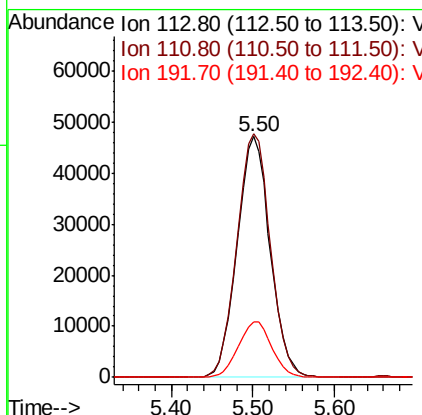
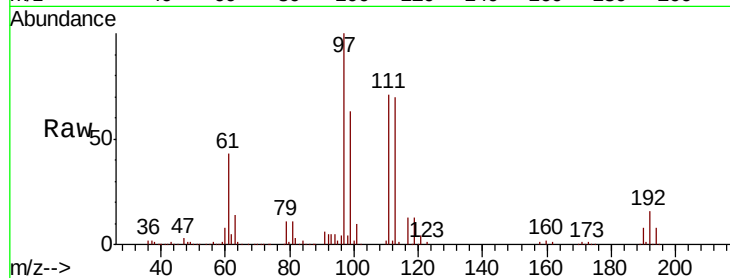
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	132278
Ion Ratio	Lower	Upper	
113	100		
111	102.7	77.0	115.4
192	23.4	17.0	25.6

Manual Integrations
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sam
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#36

1,1-Dichloropropene

Concen: 48.923 ug/l

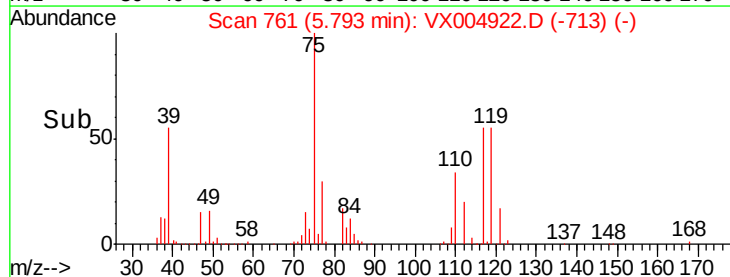
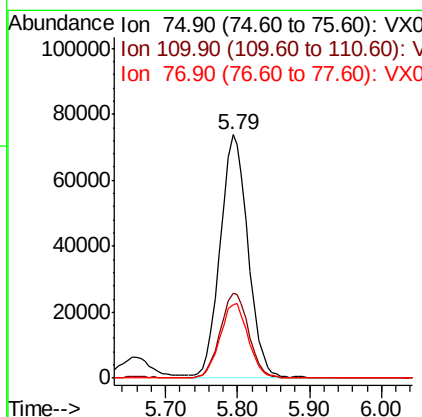
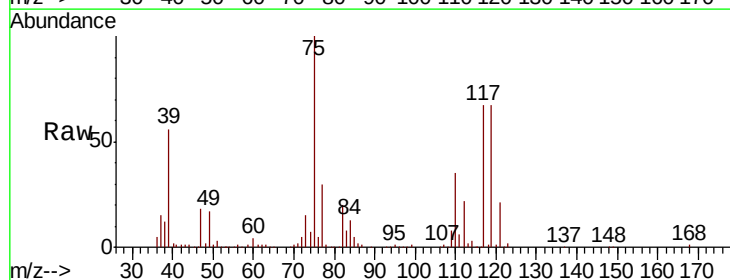
RT: 5.79 min Scan# 761

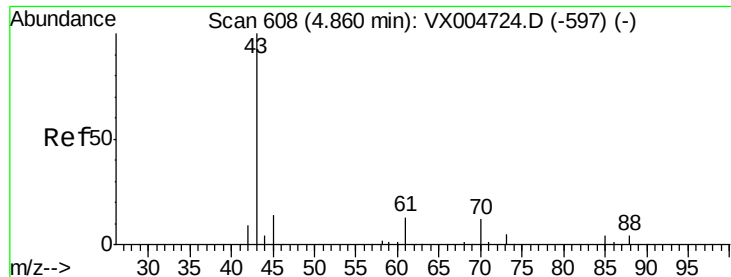
Delta R.T. -0.01 min

Lab File: VX004922.D

Acq: 02 Oct 2018 16:43

Tgt Ion:	75	Resp:	197122
Ion Ratio	Lower	Upper	
75	100		
110	36.0	20.0	59.9
77	31.3	27.1	40.7





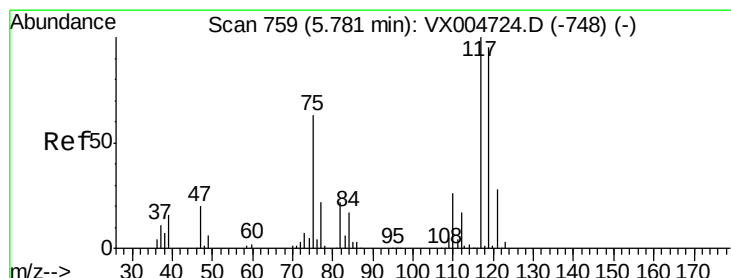
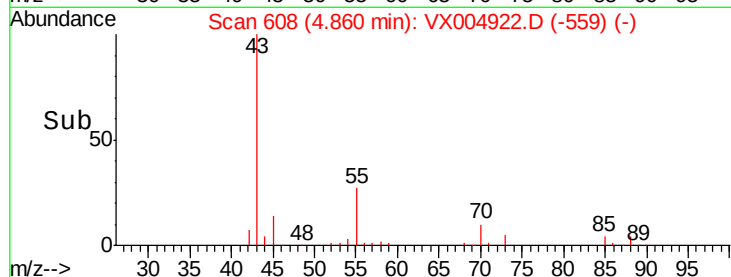
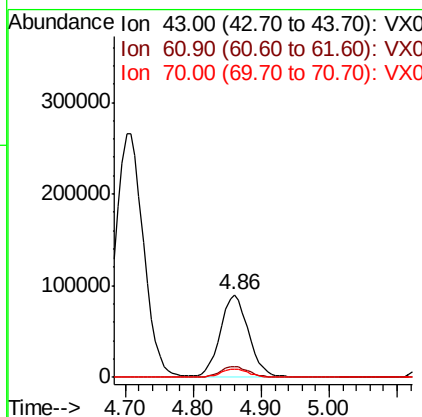
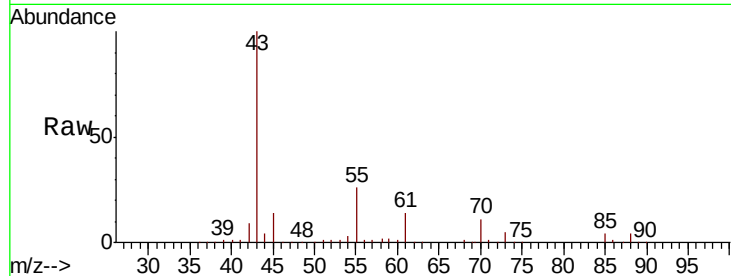
#37
Ethyl Acetate
Concen: 48.698 ug/l
RT: 4.86 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX004922.D
Acq: 02 Oct 2018 16:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.4	15.6
70	10.0	8.7	13.1

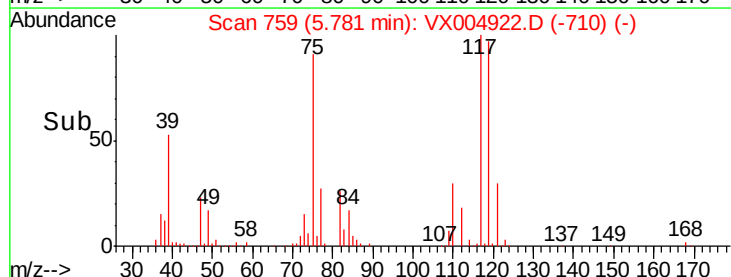
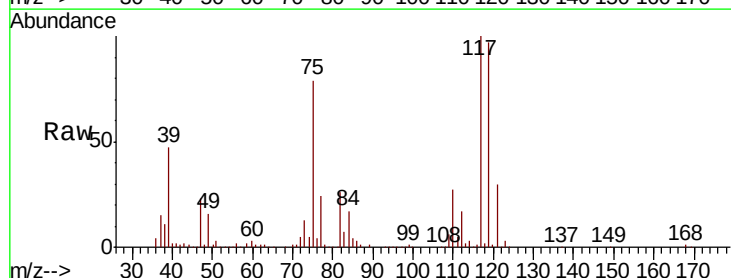
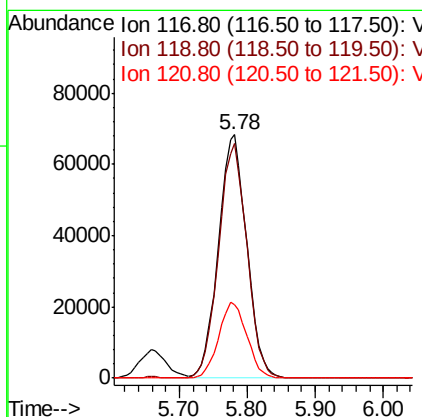
Manual Integrations
APPROVED

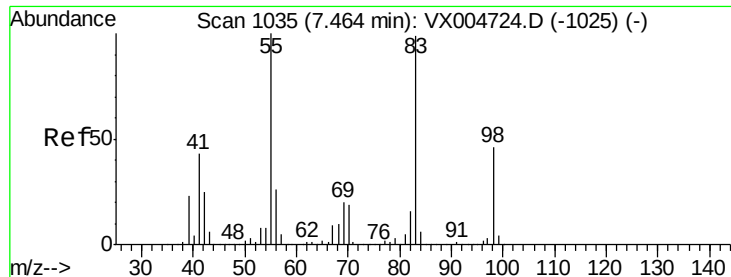
sam
10/3/2018 5:56:26 PM



#38
Carbon Tetrachloride
Concen: 46.611 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX004922.D
Acq: 02 Oct 2018 16:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	75.2	112.8
121	29.9	22.5	33.7





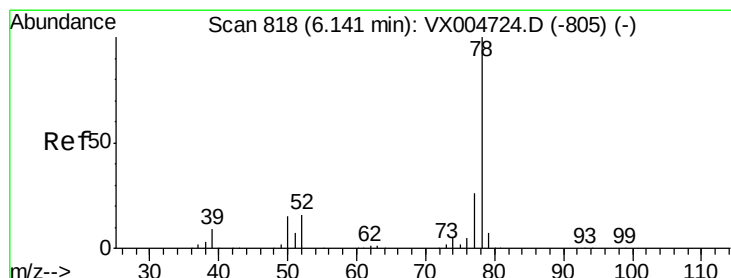
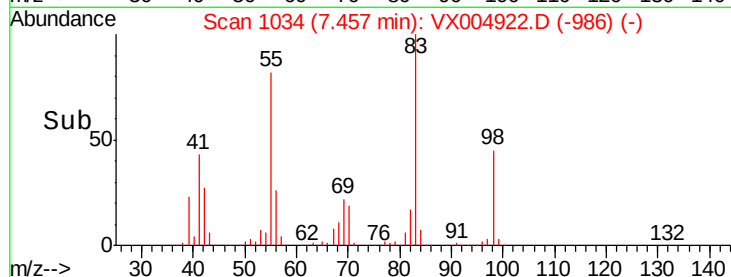
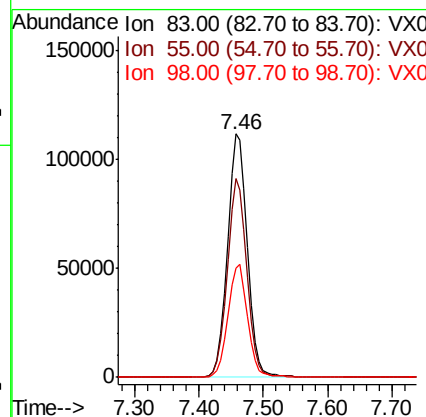
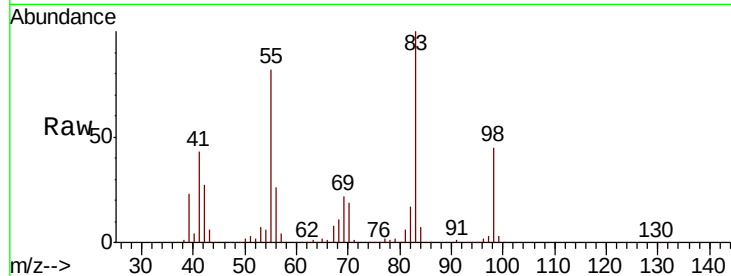
#39
Methylvlcyclohexane
Concen: 59.270 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX004922.D
Acq: 02 Oct 2018 16:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.5	81.1	121.7
98	45.0	37.3	55.9

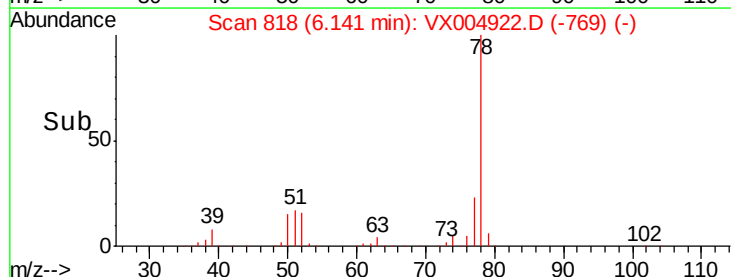
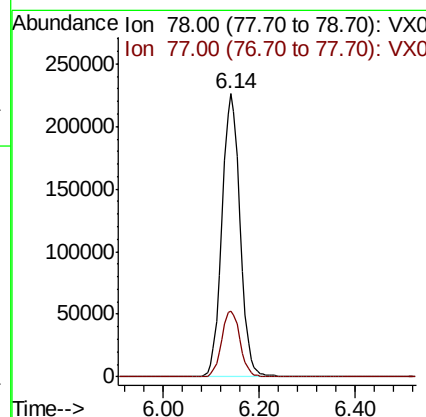
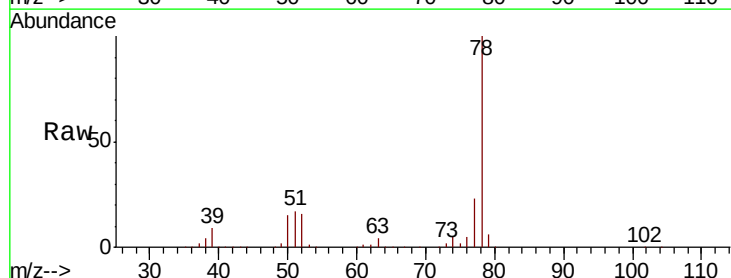
Manual Integrations
APPROVED

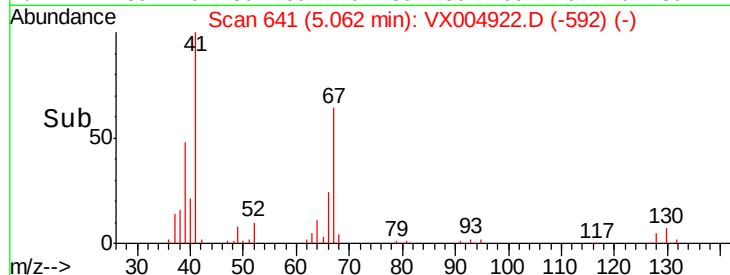
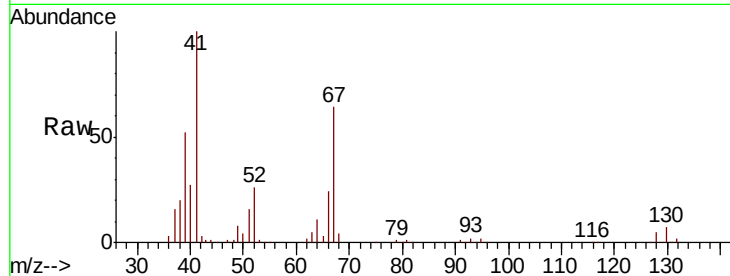
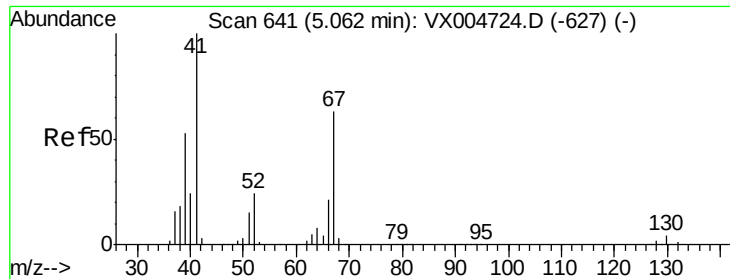
sam
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#40
Benzene
Concen: 46.938 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004922.D
Acq: 02 Oct 2018 16:43

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	21.0	31.4





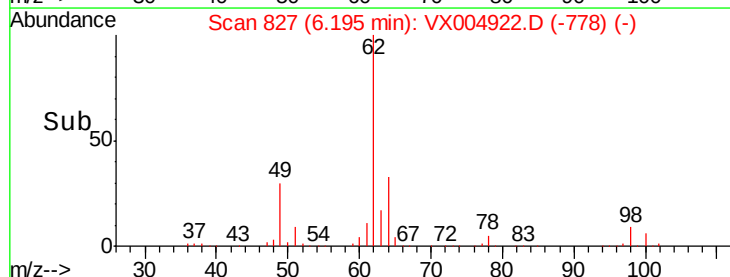
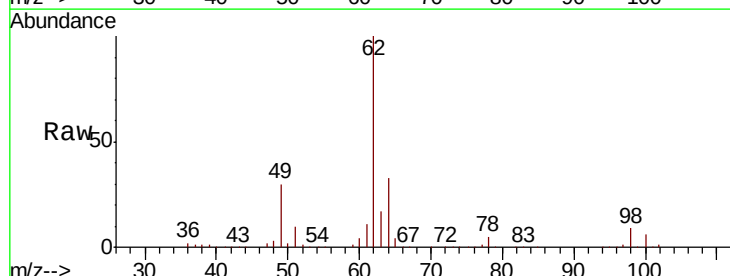
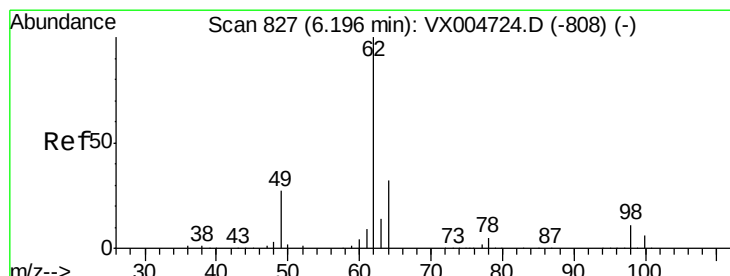
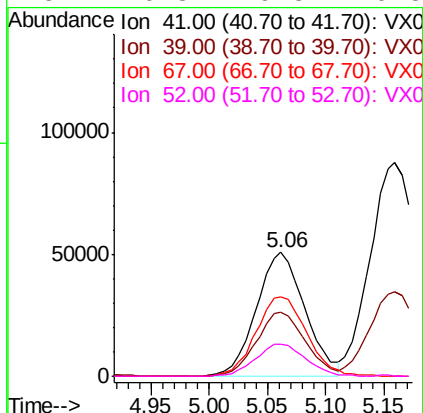
#41
Methacrylonitrile
Concen: 49.407 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX004922.D
Acq: 02 Oct 2018 16:43

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		146547		
39	52.1	42.5	63.7		
67	67.4	53.0	79.6		
52	26.8	19.8	29.8		

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

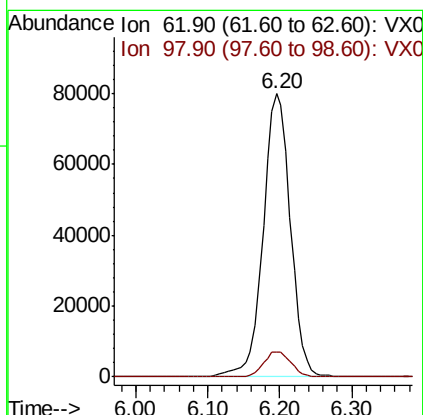
Manual Integrations
APPROVED

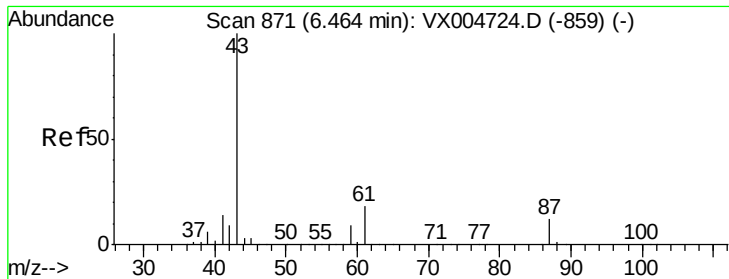
sam
10/3/2018 5:56:26 PM



#42
1,2-Dichloroethane
Concen: 47.036 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX004922.D
Acq: 02 Oct 2018 16:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		209746		
98	9.0	0.0	20.2		





#43

Isopropyl Acetate

Concen: 50.792 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX004922.D

Acq: 02 Oct 2018 16:43

Instrument :

MSVOA_X

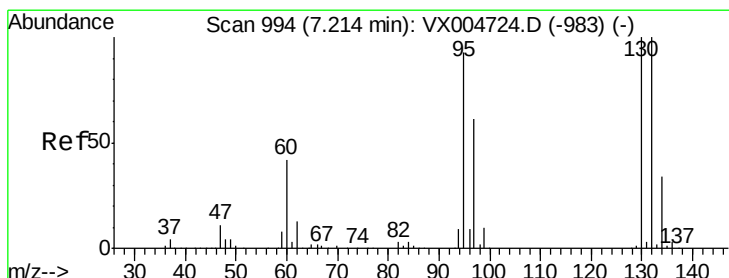
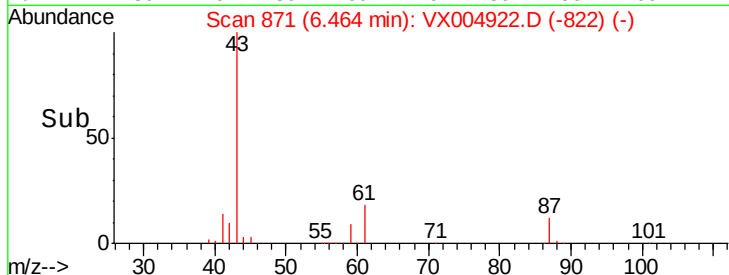
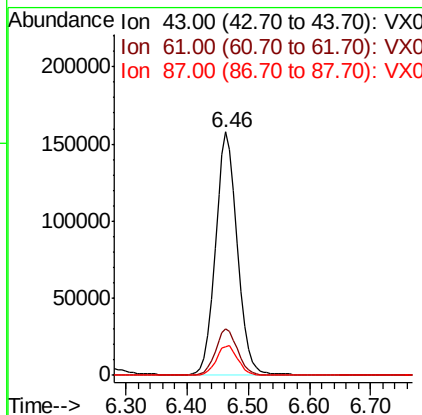
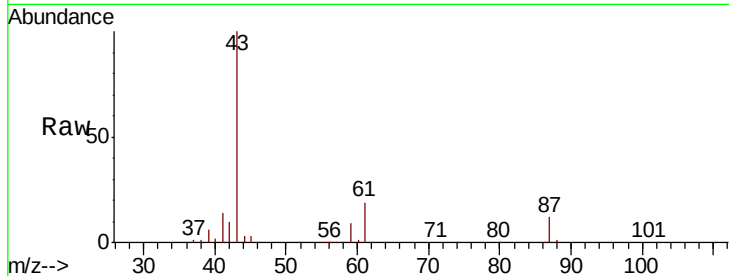
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	392095
Ion	Ratio	Lower	Upper
43	100		
61	19.4	14.2	21.4
87	12.3	9.3	13.9

Manual Integrations
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Sam
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#44

Trichloroethene

Concen: 51.031 ug/l

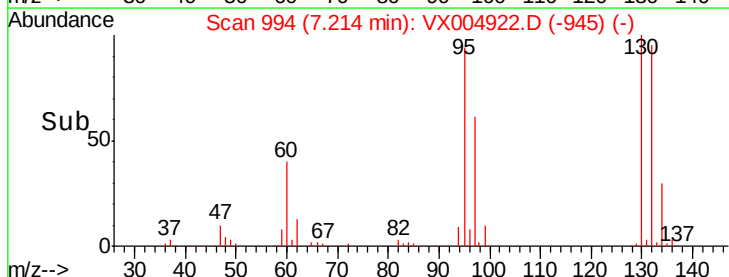
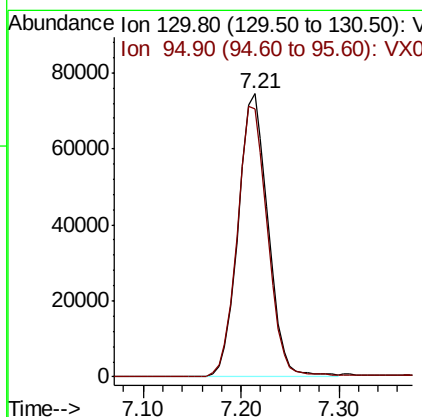
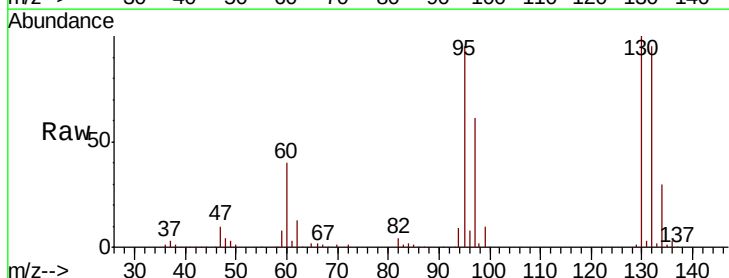
RT: 7.21 min Scan# 994

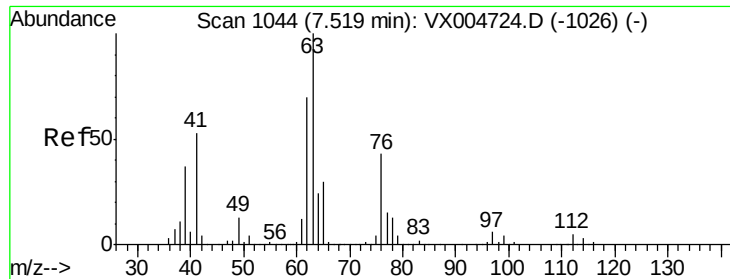
Delta R.T. -0.00 min

Lab File: VX004922.D

Acq: 02 Oct 2018 16:43

Tgt Ion:	130	Resp:	158246
Ion	Ratio	Lower	Upper
130	100		
95	94.6	0.0	186.8





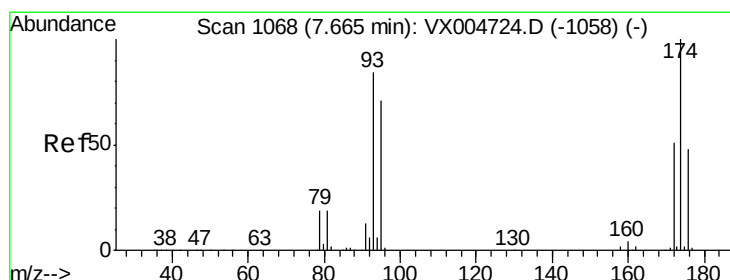
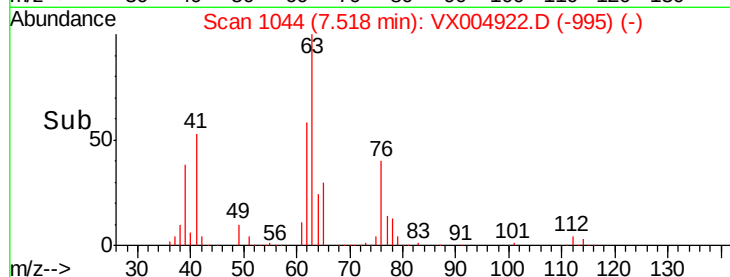
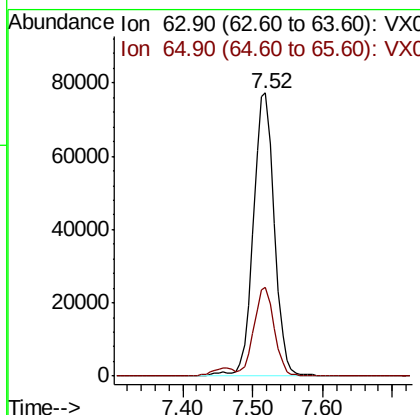
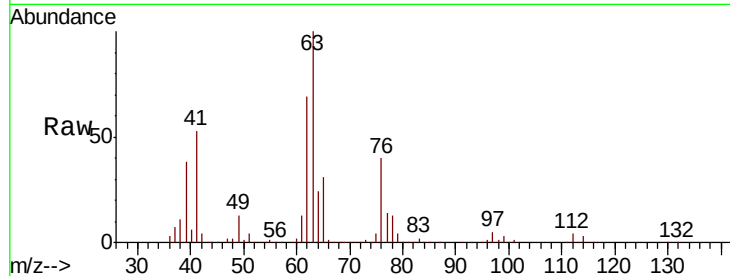
#45
 1,2-Dichloropropane
 Concen: 52.118 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX004922.D
 Acq: 02 Oct 2018 16:43

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion: 63 Resp: 161222
 Ion Ratio Lower Upper
 63 100
 65 31.4 23.9 35.9

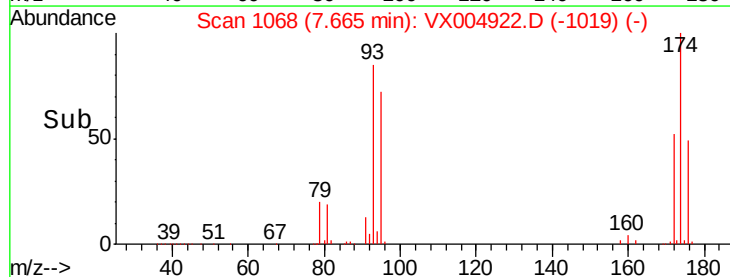
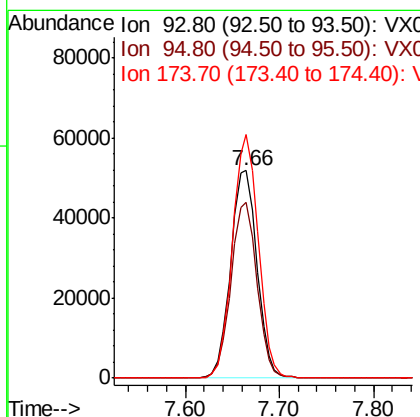
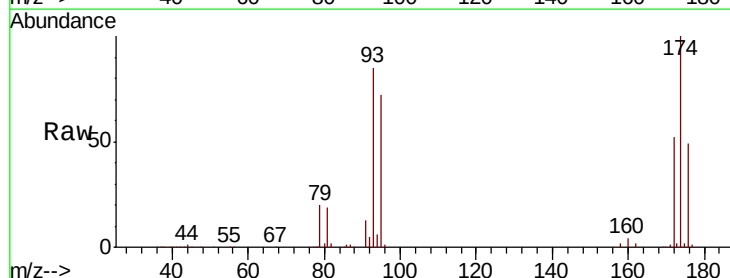
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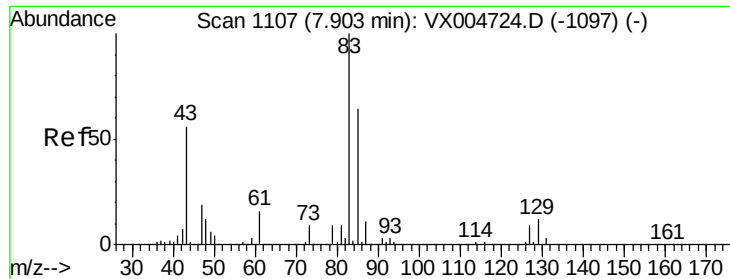
sam
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#46
 Dibromomethane
 Concen: 52.205 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX004922.D
 Acq: 02 Oct 2018 16:43

Tgt Ion: 93 Resp: 101491
 Ion Ratio Lower Upper
 93 100
 95 83.7 66.7 100.1
 174 114.6 92.7 139.1





#47

Bromodichloromethane

Concen: 54.367 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VX004922.D

Acq: 02 Oct 2018 16:43

Instrument :

MSVOA_X

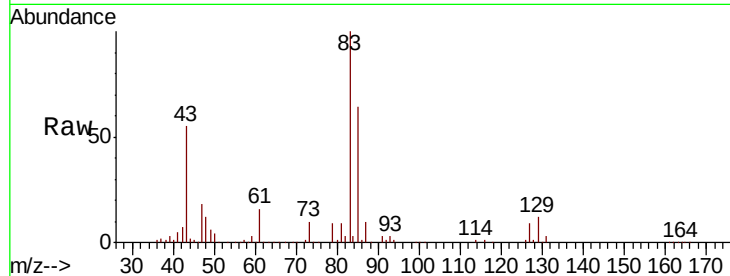
ClientSampled :

VSTDCCC050

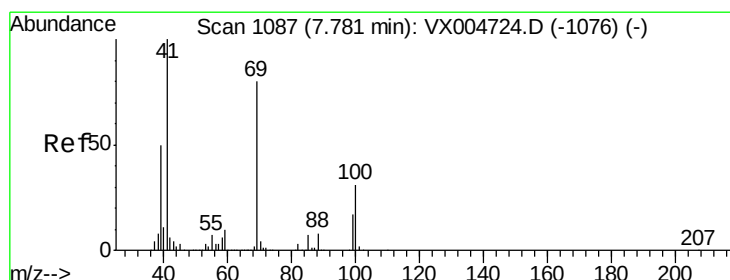
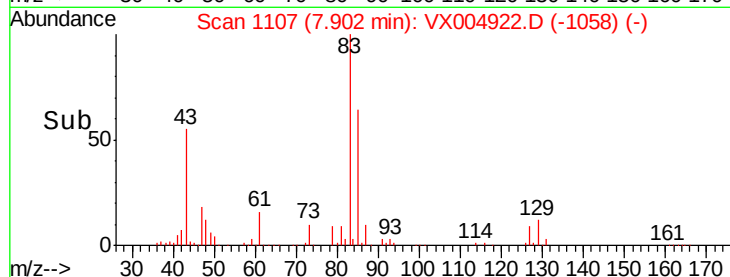
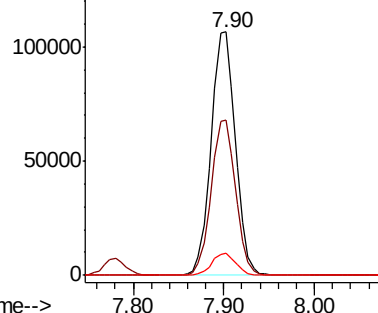
Tot Ion:	83	Resp:	197887
Ion Ratio	Lower	Upper	
83	100		
85	64.0	51.2	76.8
127	8.9	7.0	10.6

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



#48

Methyl methacrylate

Concen: 59.332 ug/l

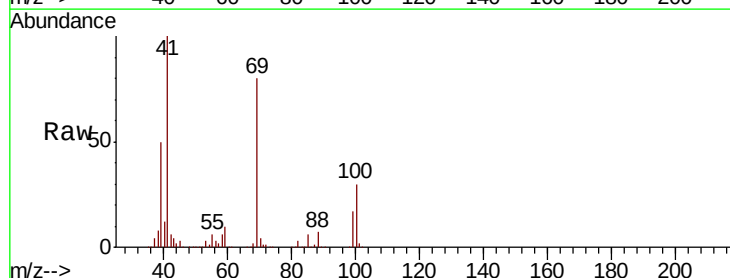
RT: 7.78 min Scan# 1087

Delta R.T. -0.00 min

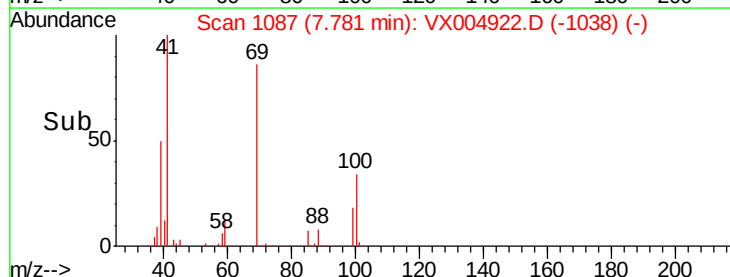
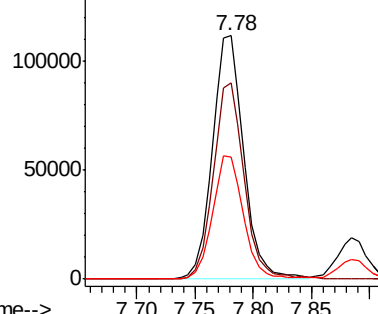
Lab File: VX004922.D

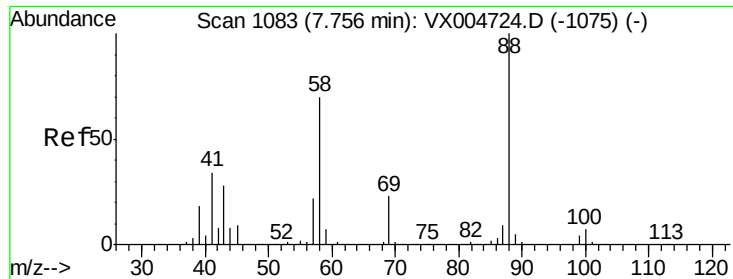
Acq: 02 Oct 2018 16:43

Tgt Ion:	41	Resp:	207890
Ion Ratio	Lower	Upper	
41	100		
69	79.6	63.8	95.6
39	50.2	40.7	61.1



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





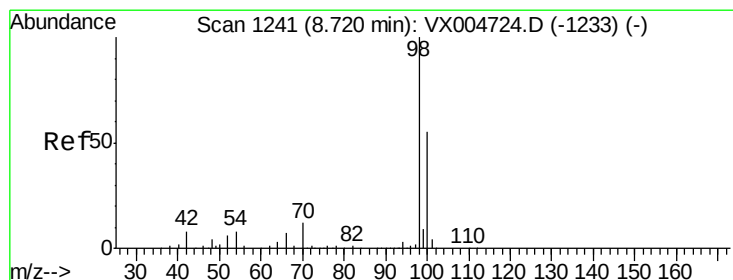
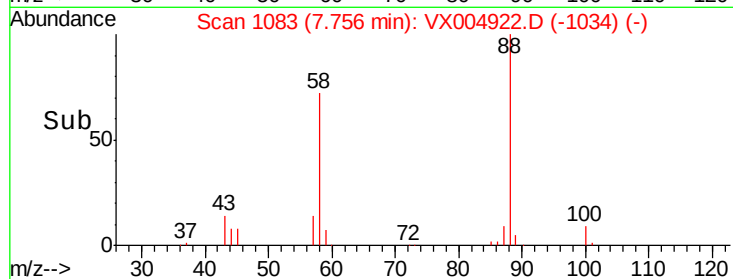
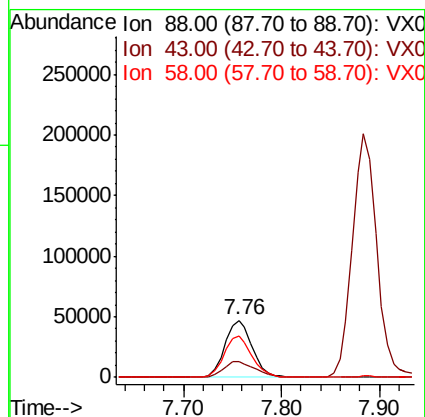
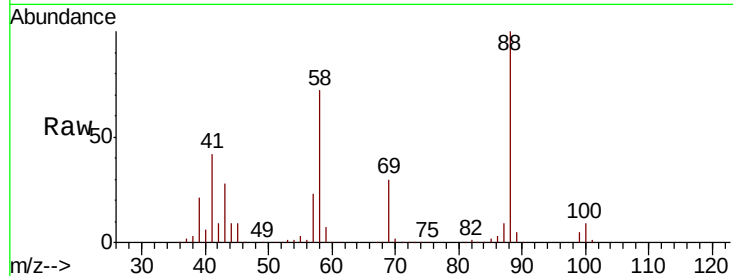
#49
1,4-Dioxane
Concen: 1043.467 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX004922.D
Acq: 02 Oct 2018 16:43

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.2	25.1	37.7
58	73.6	56.2	84.2

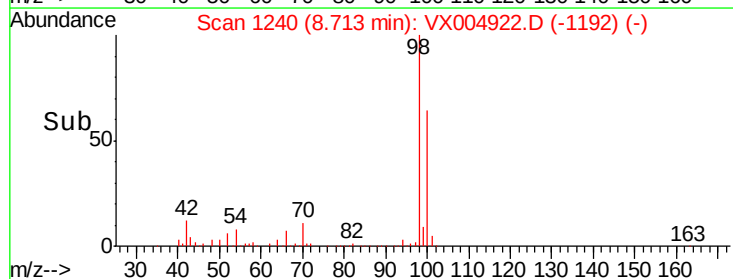
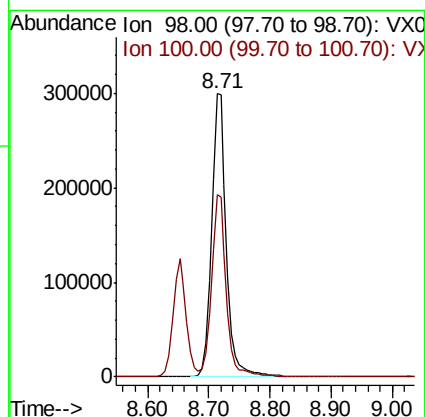
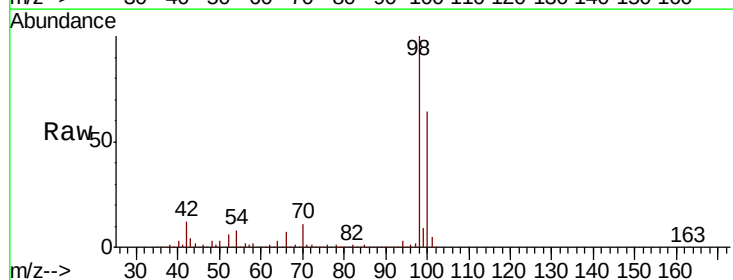
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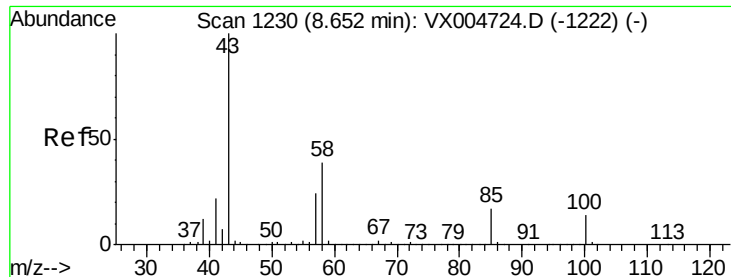
sam
10/3/2018 5:56:26 PM



#50
Toluene-d8
Concen: 51.862 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX004922.D
Acq: 02 Oct 2018 16:43

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.9	77.9





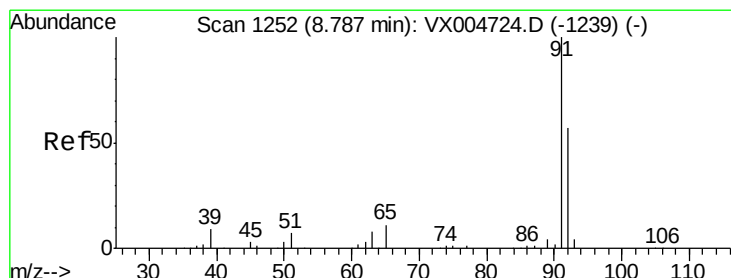
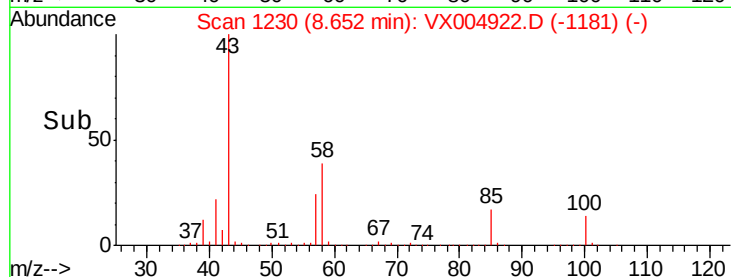
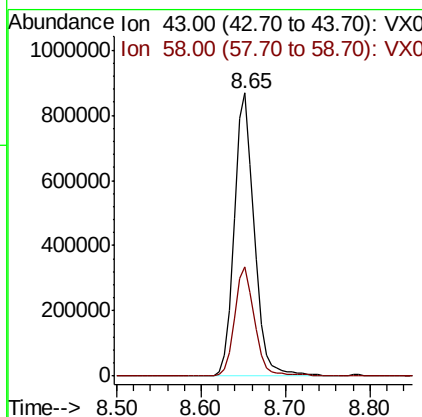
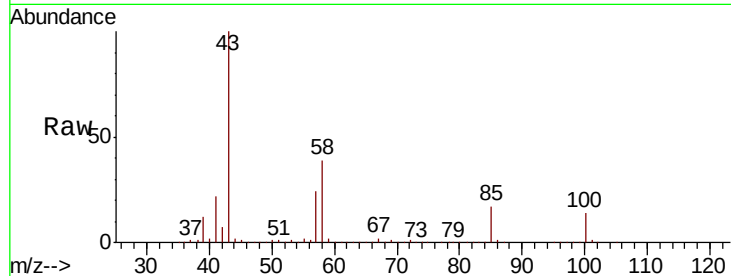
#51
 4-Methyl-2-Pentanone
 Concen: 286.705 ug/l
 RT: 8.65 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: VX004922.D
 Acq: 02 Oct 2018 16:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 1393560
 Ion Ratio Lower Upper
 43 100
 58 38.8 30.5 45.7

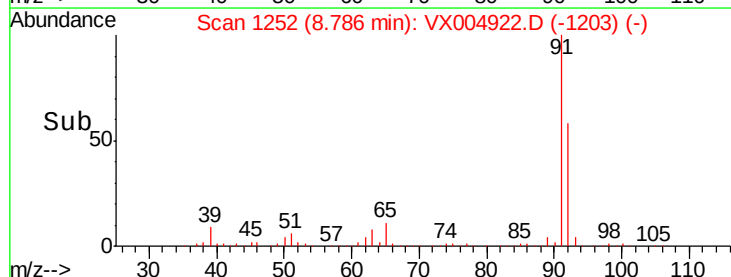
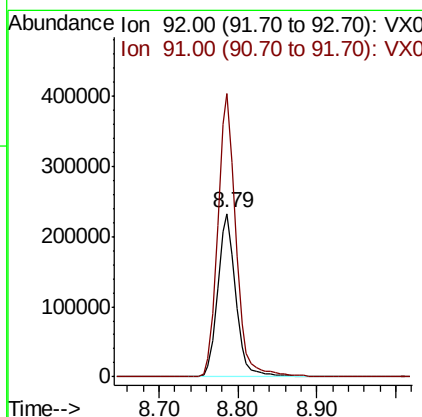
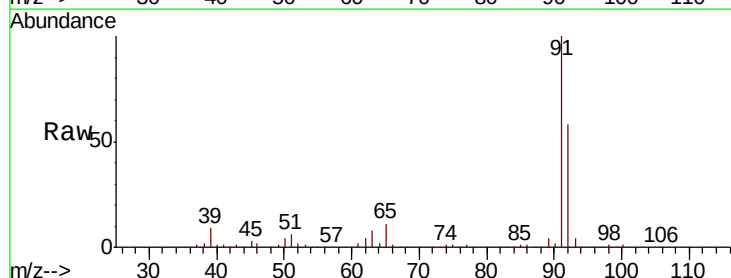
Manual Integrations
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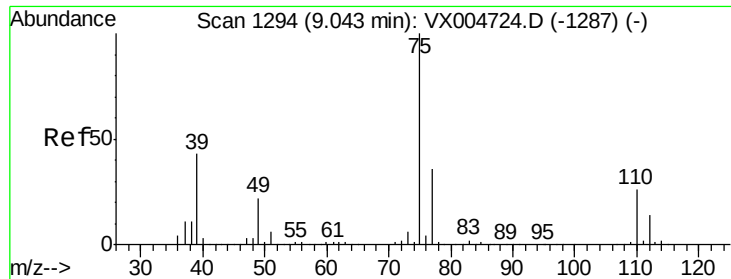
sam
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#52
 Toluene
 Concen: 53.850 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX004922.D
 Acq: 02 Oct 2018 16:43

Tgt Ion: 92 Resp: 373250
 Ion Ratio Lower Upper
 92 100
 91 174.1 136.7 205.1





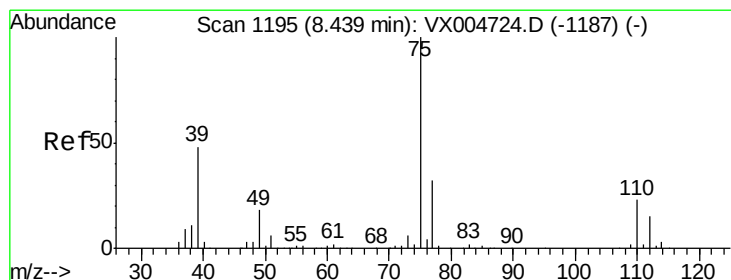
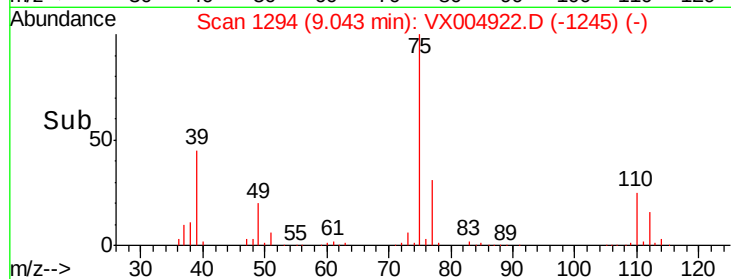
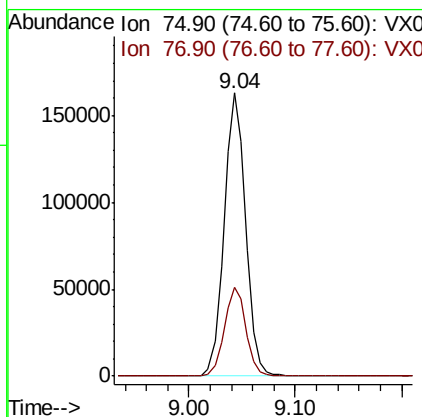
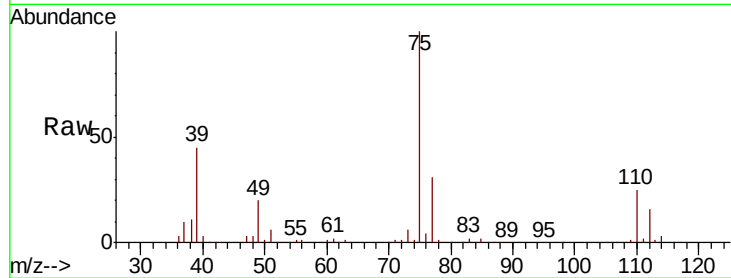
#53
 t-1,3-Dichloropropene
 Concen: 55.852 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX004922.D
 Acq: 02 Oct 2018 16:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 75 Resp: 229729
 Ion Ratio Lower Upper
 75 100
 77 31.4 28.9 43.3

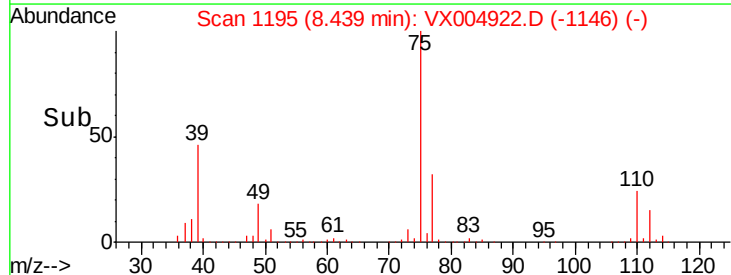
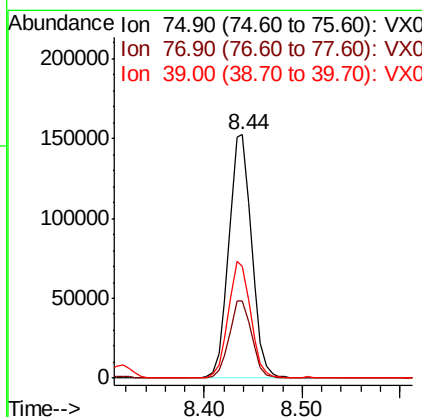
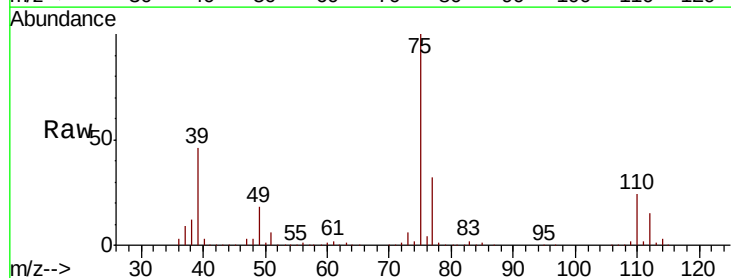
Manual Integrations
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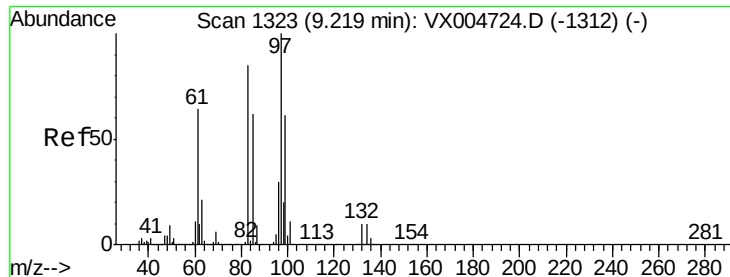
sam
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#54
 cis-1,3-Dichloropropene
 Concen: 57.320 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: VX004922.D
 Acq: 02 Oct 2018 16:43

Tgt Ion: 75 Resp: 246948
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.7 38.5
 39 46.0 38.3 57.5





#55

1,1,2-Trichloroethane

Concen: 50.749 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX004922.D

Acq: 02 Oct 2018 16:43

Instrument :

MSVOA_X

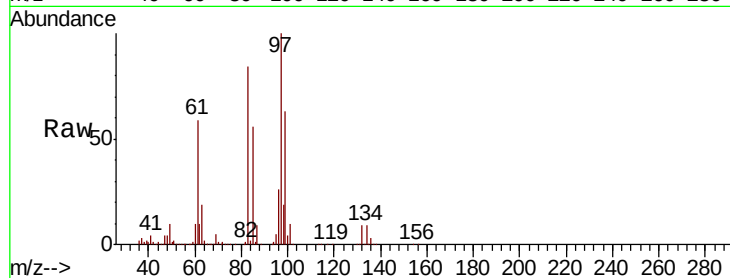
ClientSampleId :

VSTDCCC050

Tot Ion:	97	Resp:	154082
Ion	Ratio	Lower	Upper
97	100		
83	84.3	68.2	102.2
85	55.5	49.9	74.9
99	62.9	48.9	73.3

Manual Integrations
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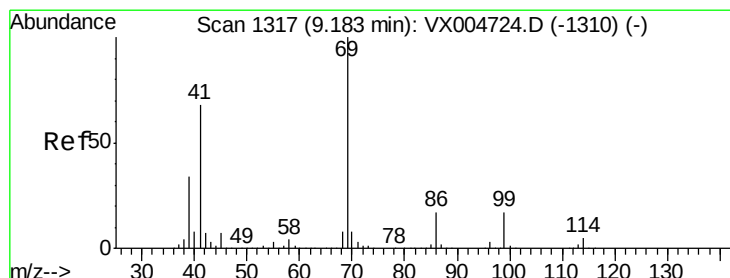
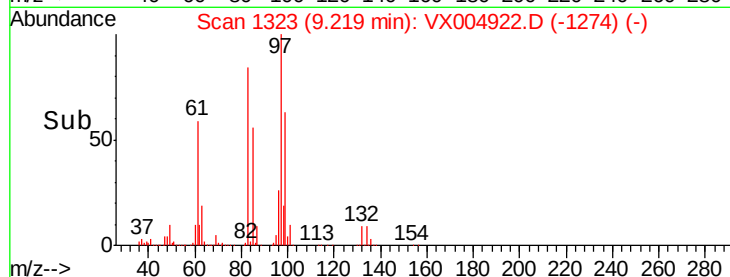
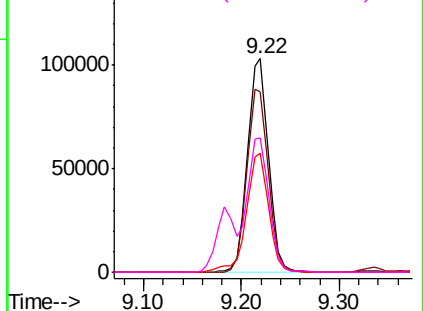
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 50.614 ug/l

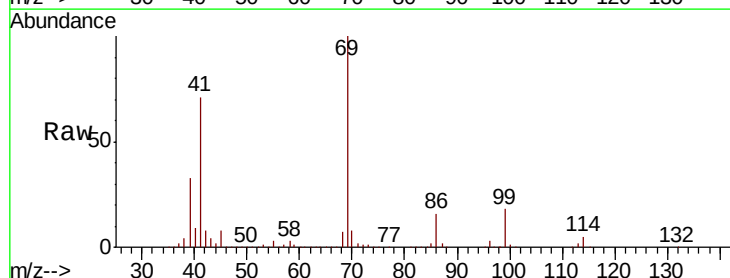
RT: 9.18 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VX004922.D

Acq: 02 Oct 2018 16:43

Tgt Ion:	69	Resp:	249552
Ion	Ratio	Lower	Upper
69	100		
41	69.4	56.9	85.3
39	33.3	28.4	42.6

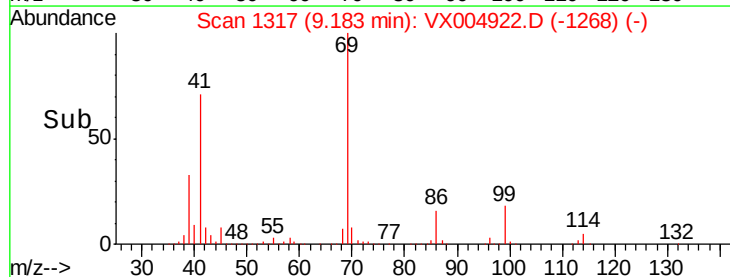
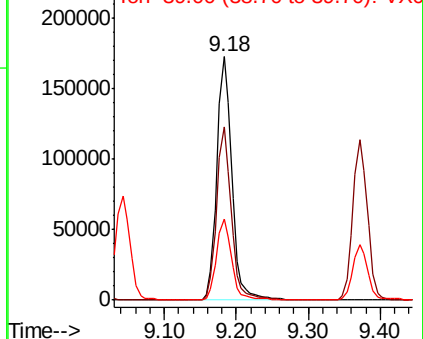


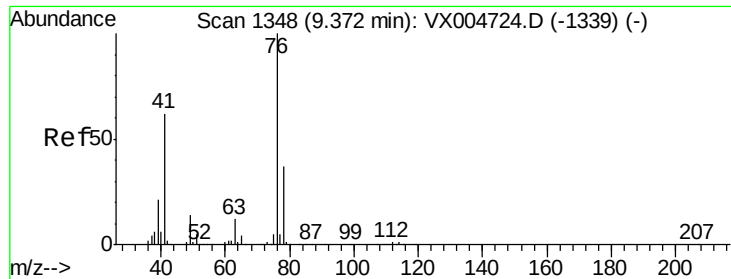
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 51.286 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX004922.D

Acq: 02 Oct 2018 16:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 259154

Ion Ratio Lower Upper

76 100

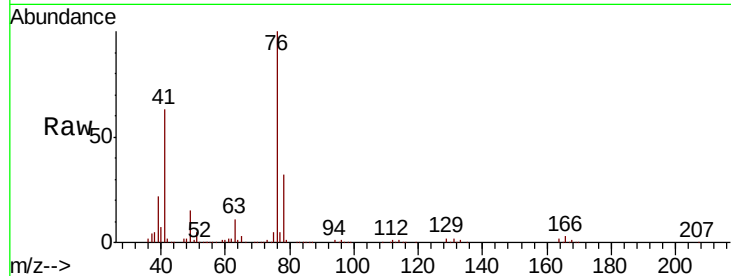
78 32.1 26.6 40.0

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

200000

150000

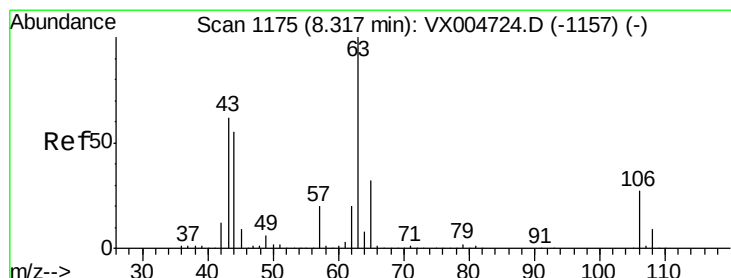
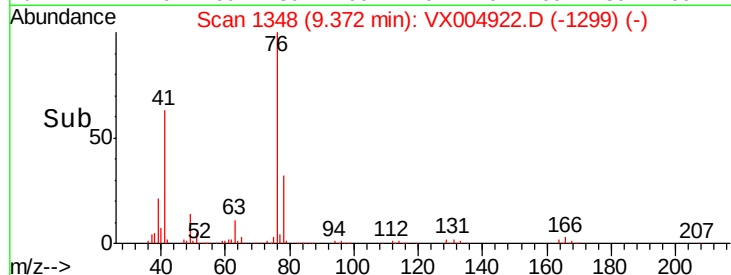
100000

50000

0

9.30 9.35 9.40 9.45

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 255.185 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. -0.00 min

Lab File: VX004922.D

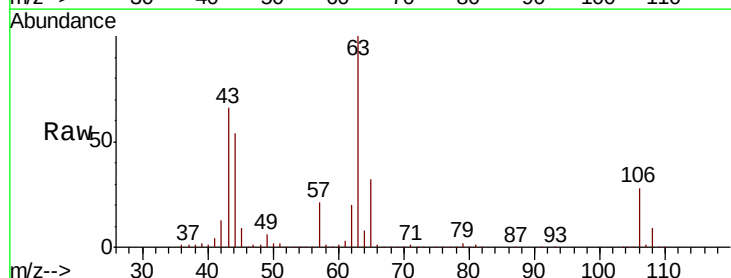
Acq: 02 Oct 2018 16:43

Tgt Ion: 63 Resp: 668401

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

8.32

500000

400000

300000

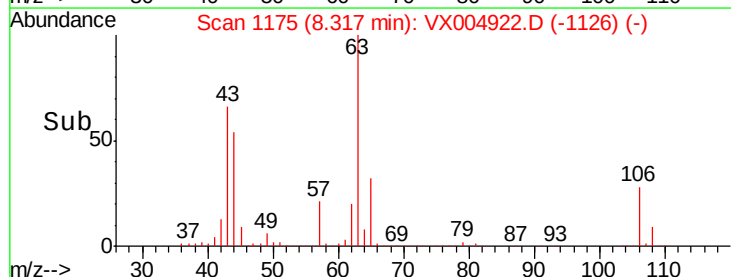
200000

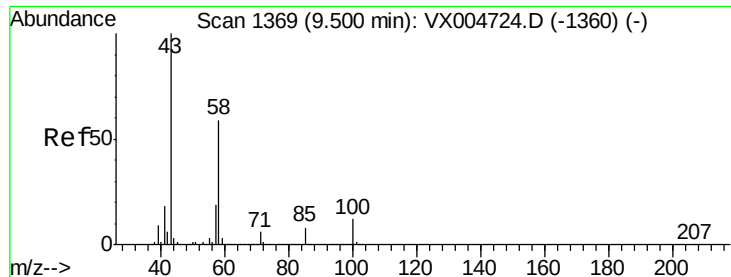
100000

0

8.20 8.30 8.40

Time-->





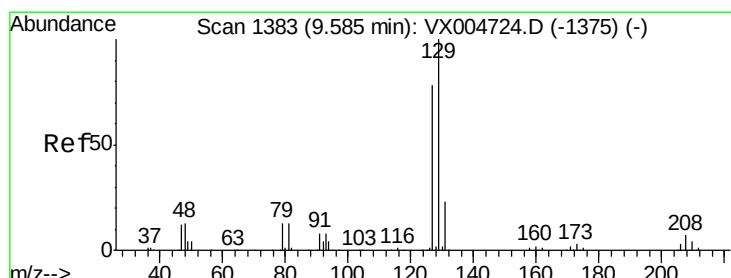
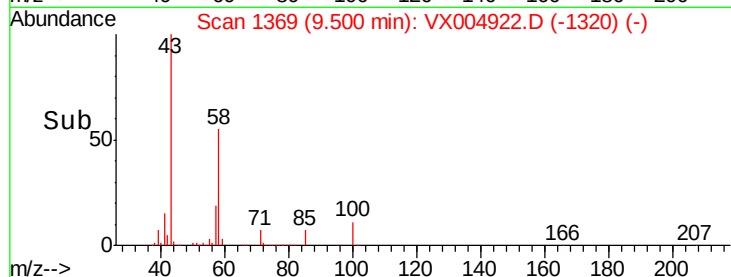
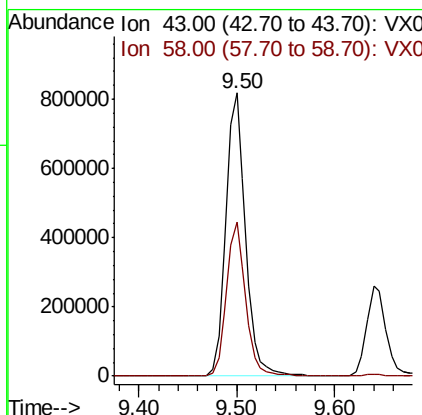
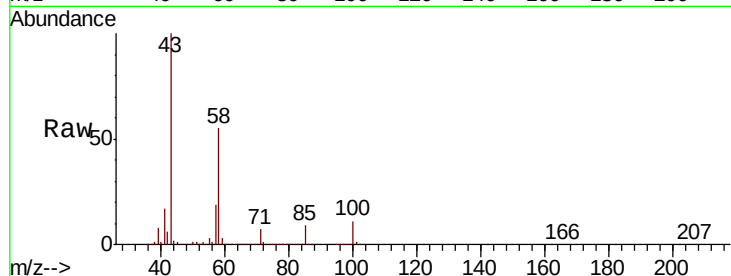
#59
2-Hexanone
Concen: 281.596 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX004922.D
Acq: 02 Oct 2018 16:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1140588
Ion Ratio Lower Upper
43 100
58 53.4 28.4 85.3

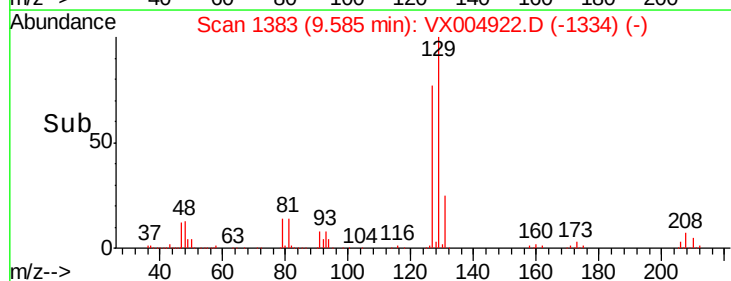
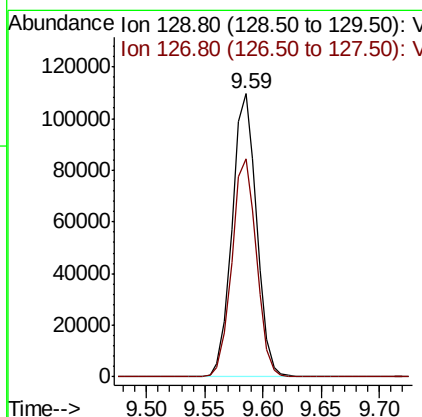
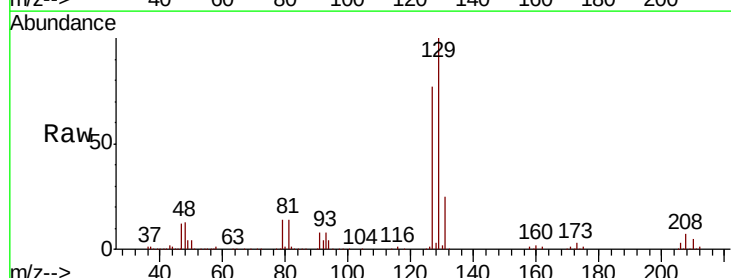
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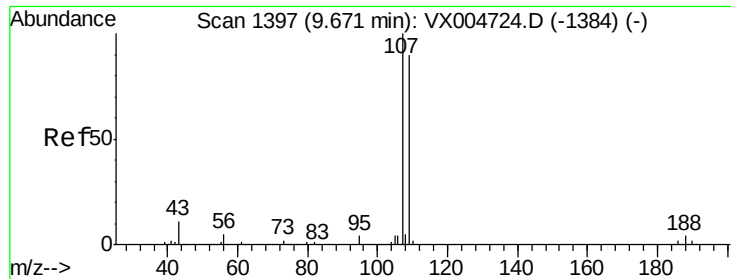
sam
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#60
Dibromochloromethane
Concen: 52.907 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX004922.D
Acq: 02 Oct 2018 16:43

Tgt Ion: 129 Resp: 160647
Ion Ratio Lower Upper
129 100
127 77.3 39.1 117.2





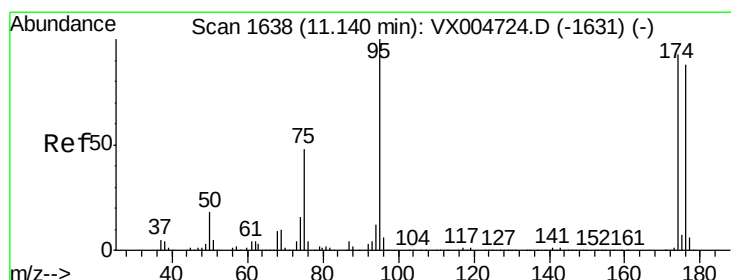
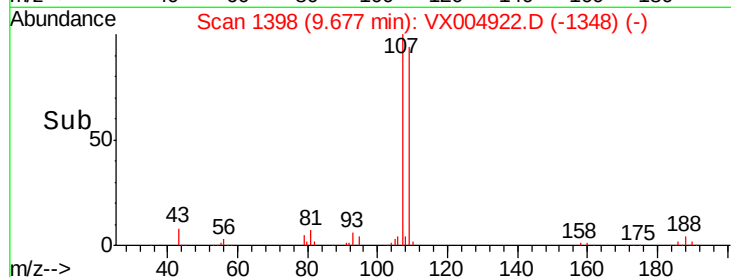
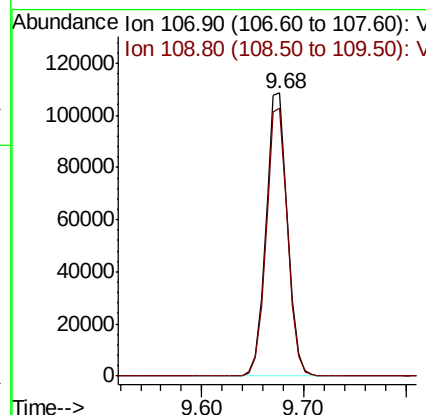
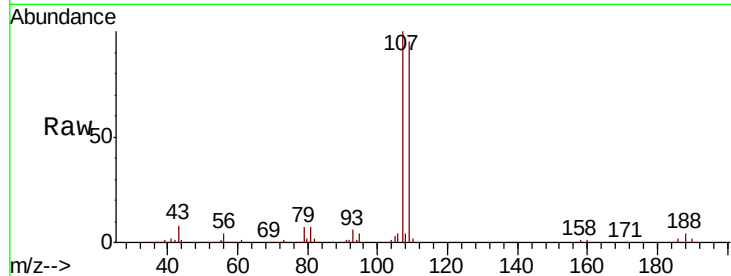
#61
 1,2-Dibromoethane
 Concen: 49.155 ug/l
 RT: 9.68 min Scan# 1398
 Delta R.T. 0.01 min
 Lab File: VX004922.D
 Acq: 02 Oct 2018 16:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.5	72.1	108.1

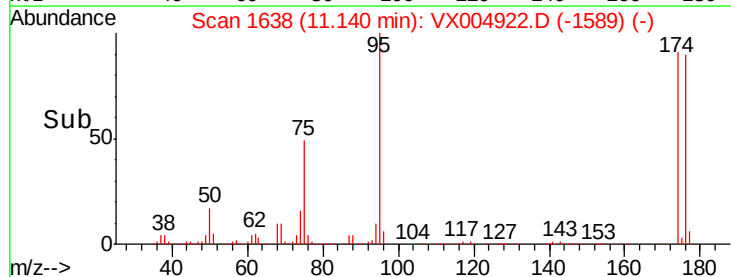
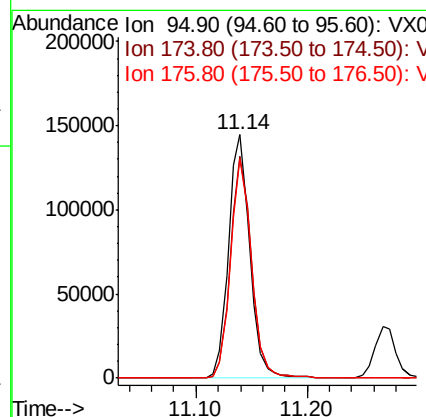
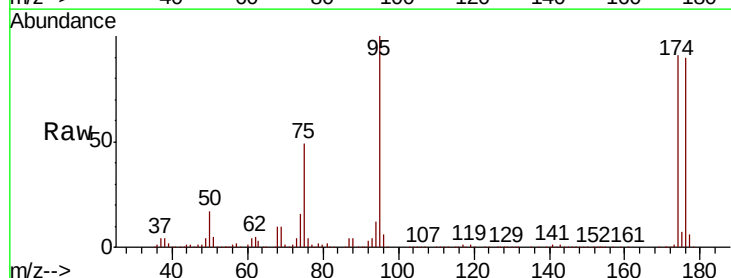
Manual Integrations
 APPROVED

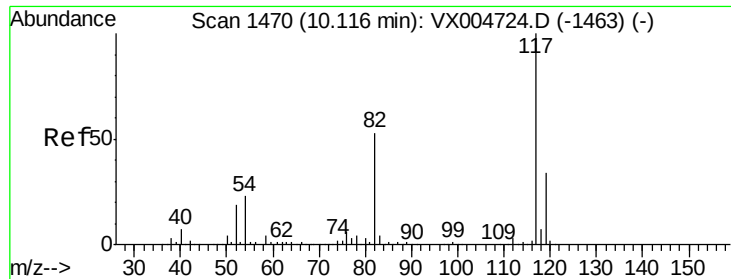
sam
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#62
 4-Bromofluorobenzene
 Concen: 54.137 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: VX004922.D
 Acq: 02 Oct 2018 16:43

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.1	0.0	185.0
176	88.4	0.0	180.2





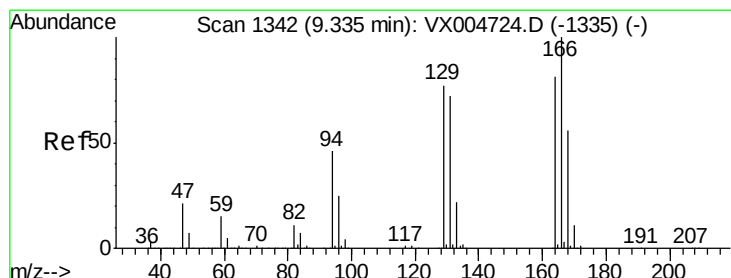
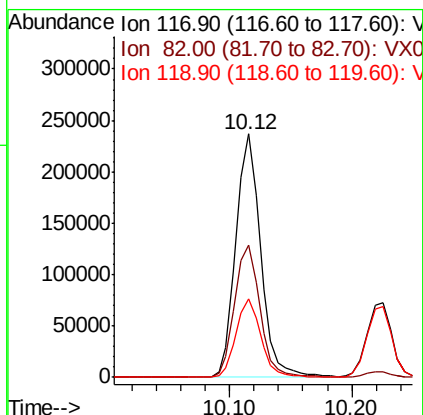
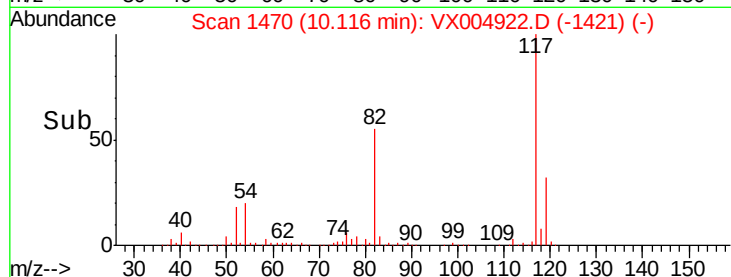
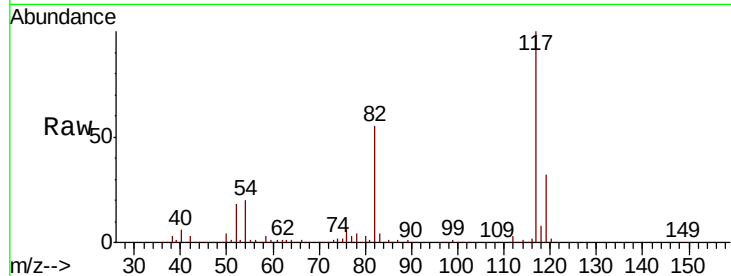
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004922.D
Acq: 02 Oct 2018 16:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.6	42.2	63.4
119	32.2	27.4	41.0

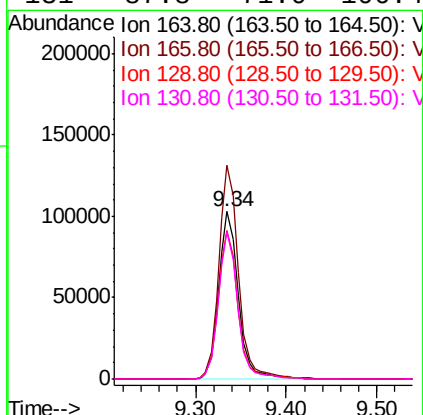
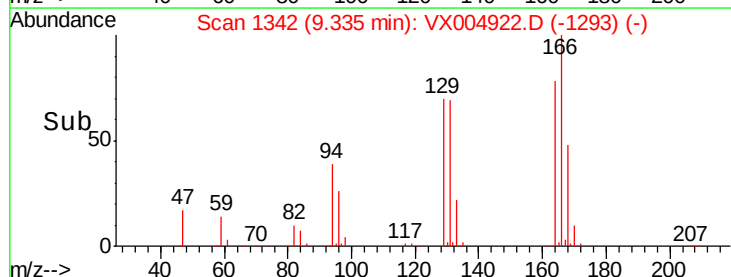
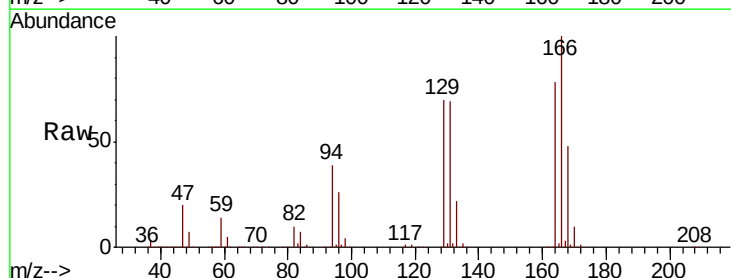
Manual Integrations
APPROVED

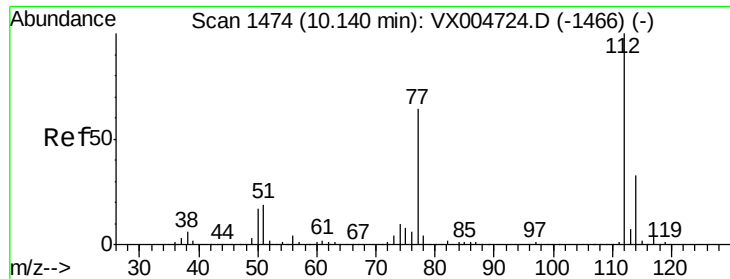
sam
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#64
Tetrachloroethene
Concen: 47.866 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004922.D
Acq: 02 Oct 2018 16:43

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.4	98.4	147.6
129	88.8	76.1	114.1
131	87.8	71.0	106.4





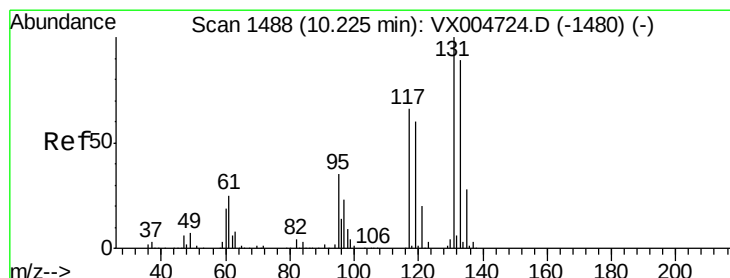
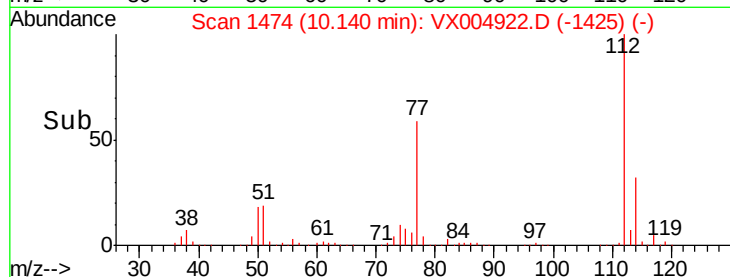
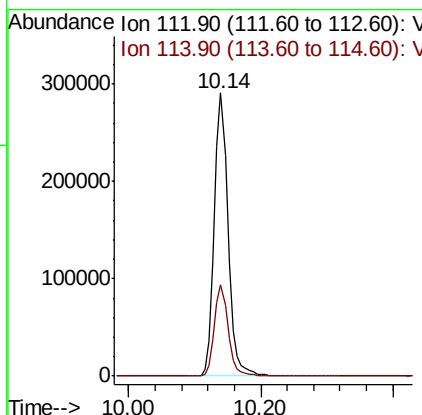
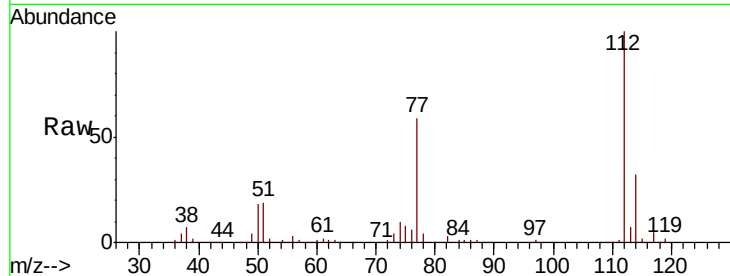
#65
Chlorobenzene
Concen: 48.850 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX004922.D
Acq: 02 Oct 2018 16:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 416769
Ion Ratio Lower Upper
112 100
114 32.4 26.7 40.1

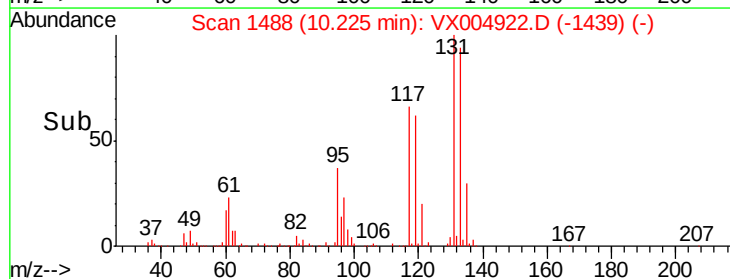
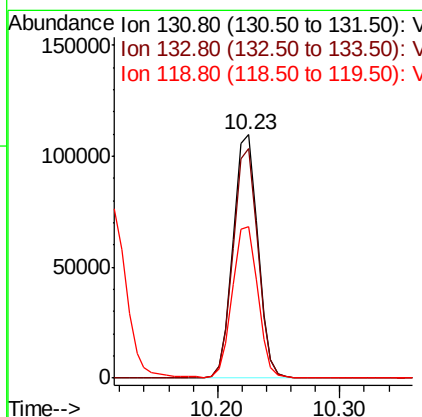
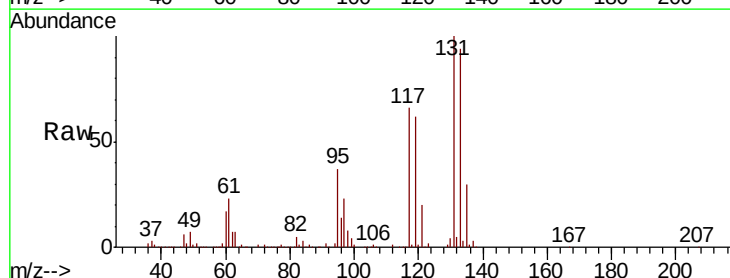
Manual Integrations
APPROVED

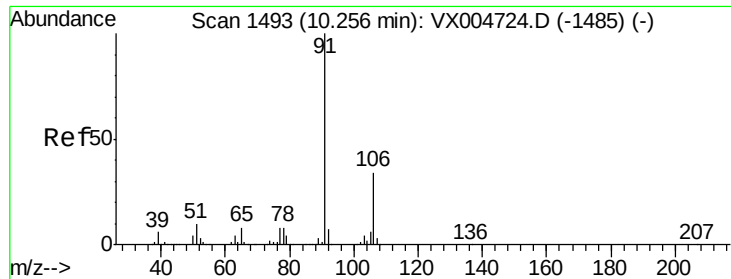
sam
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.927 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VX004922.D
Acq: 02 Oct 2018 16:43

Tgt Ion:131 Resp: 152748
Ion Ratio Lower Upper
131 100
133 94.8 48.4 145.0
119 64.2 32.3 96.8





#67

Ethyl Benzene

Concen: 53.057 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VX004922.D

Acq: 02 Oct 2018 16:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 718646

Ion Ratio Lower Upper

91 100

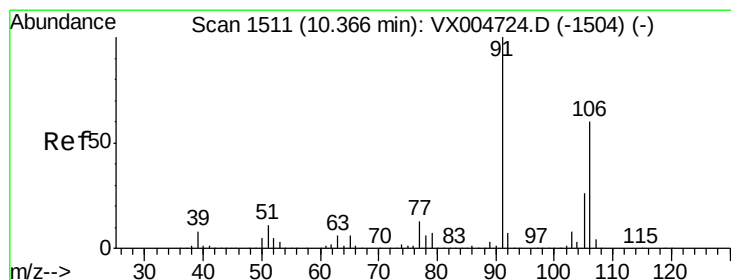
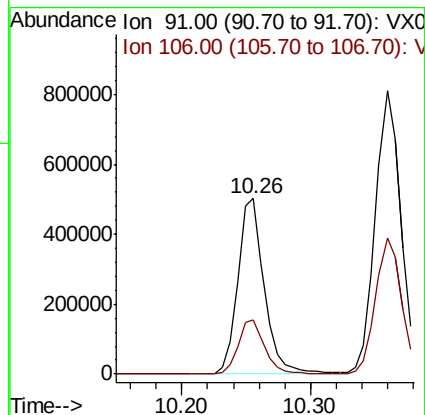
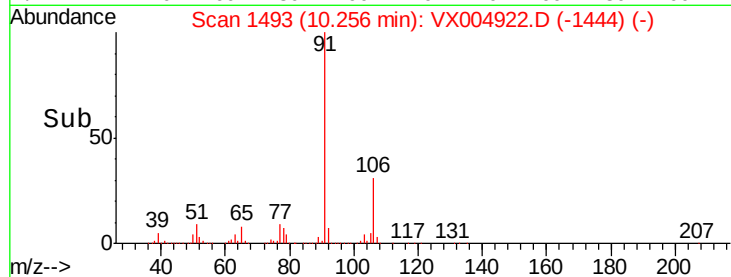
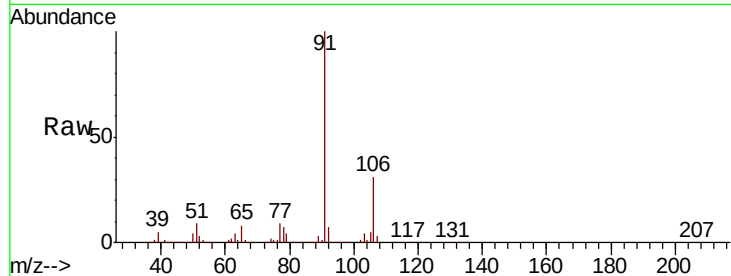
106 31.1 26.9 40.3

Manual Integrations

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10/3/2018 5:56:26 PM



#68

m/p-Xylenes

Concen: 105.832 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX004922.D

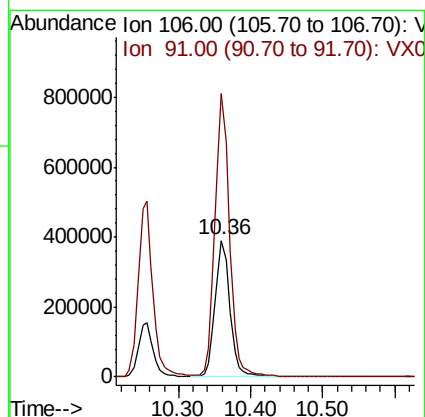
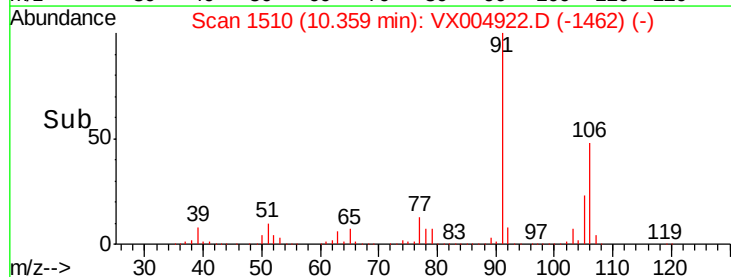
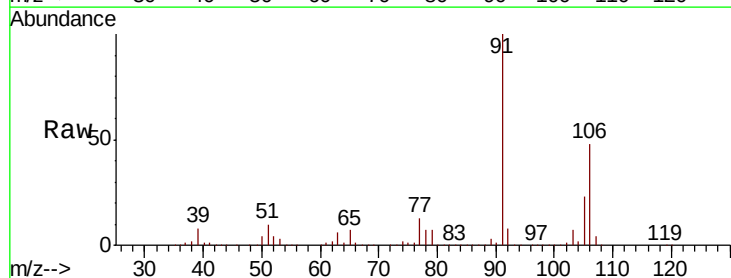
Acq: 02 Oct 2018 16:43

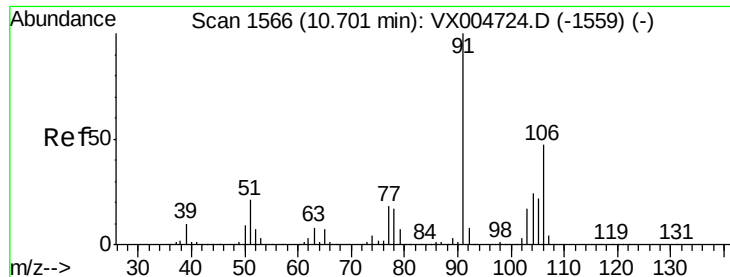
Tgt Ion: 106 Resp: 560165

Ion Ratio Lower Upper

106 100

91 204.2 157.5 236.3





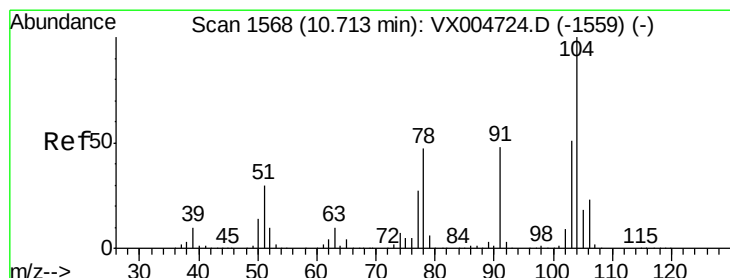
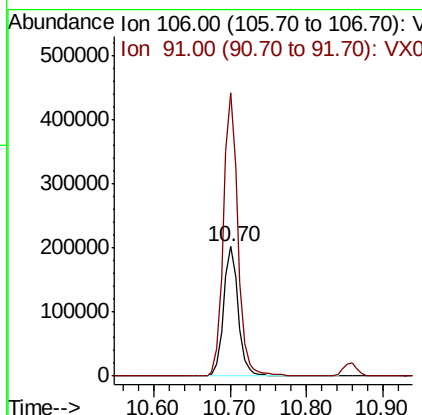
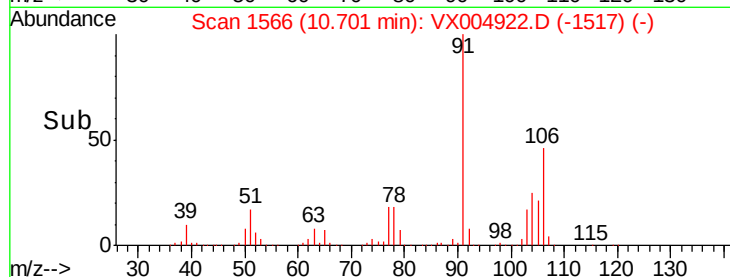
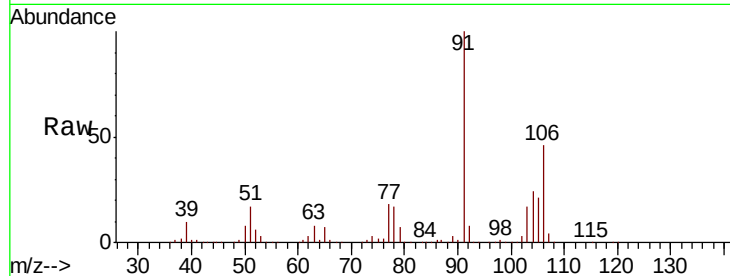
#69
o-Xylene
Concen: 55.078 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004922.D
Acq: 02 Oct 2018 16:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 267763
Ion Ratio Lower Upper
106 100
91 216.4 108.3 324.8

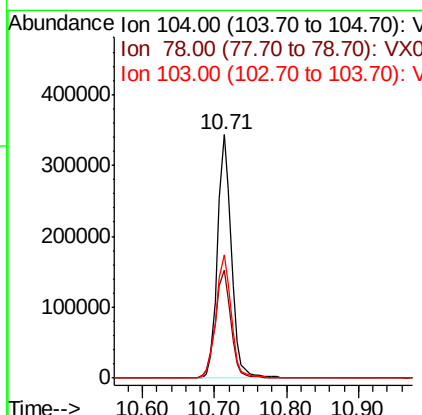
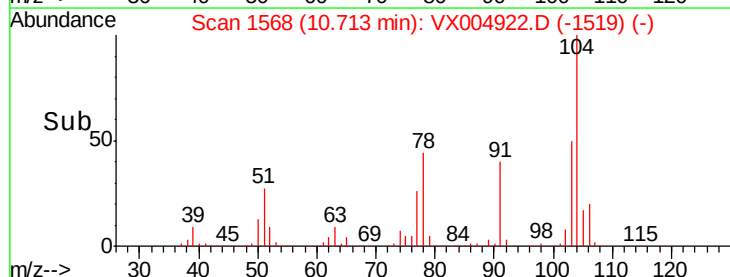
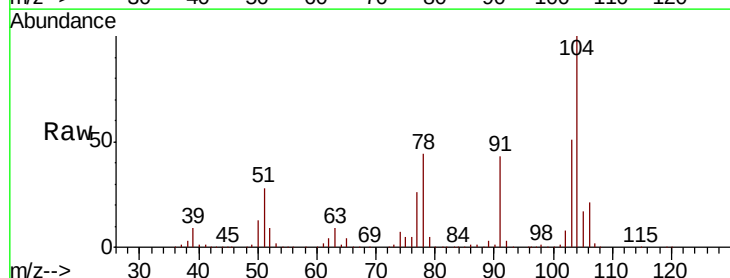
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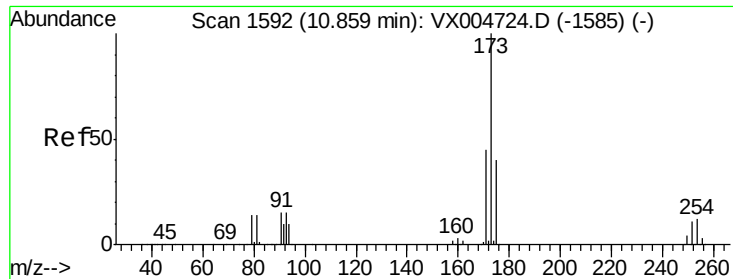
sam
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#70
Styrene
Concen: 50.264 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004922.D
Acq: 02 Oct 2018 16:43

Tgt Ion:104 Resp: 457136
Ion Ratio Lower Upper
104 100
78 49.7 40.0 60.0
103 55.5 44.3 66.5





#71

Bromoform

Concen: 51.680 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX004922.D

Acq: 02 Oct 2018 16:43

Instrument :

MSVOA_X

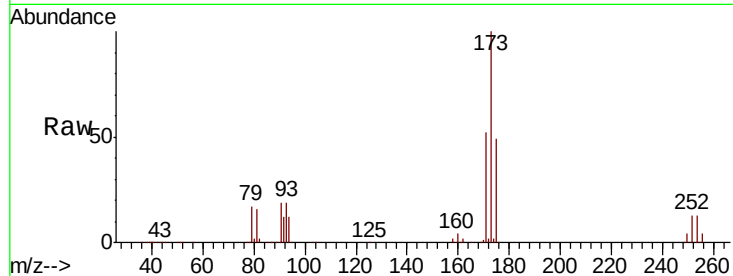
ClientSampleId :

VSTDCCC050

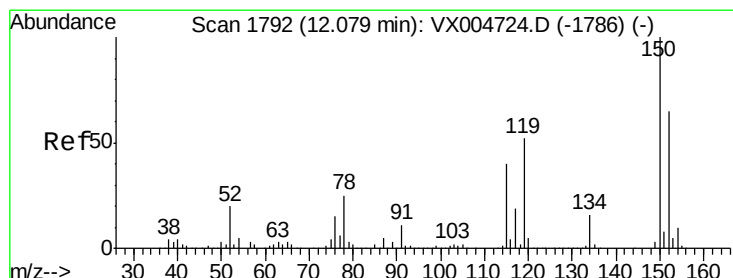
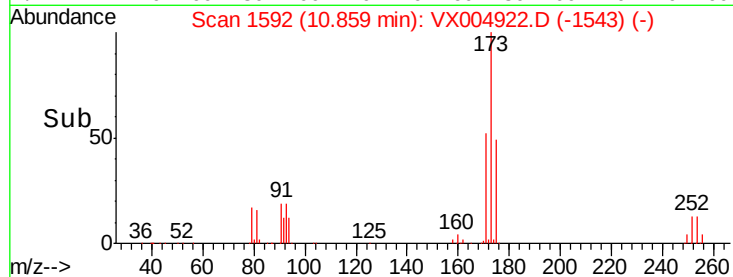
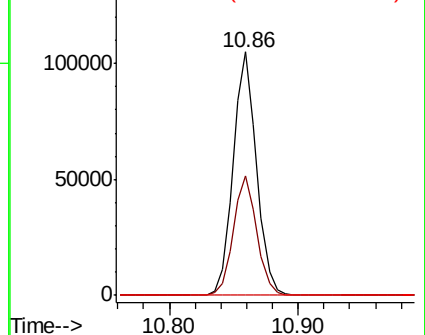
Tot Ion:	173	Resp:	132703
Ion Ratio	Lower	Upper	
173	100		
175	49.3	23.3	69.8
254	0.2	0.2	0.2

Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

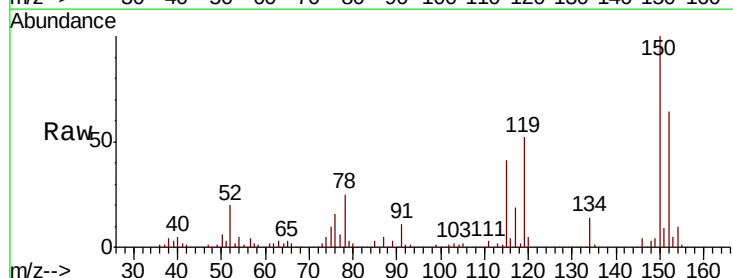
RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

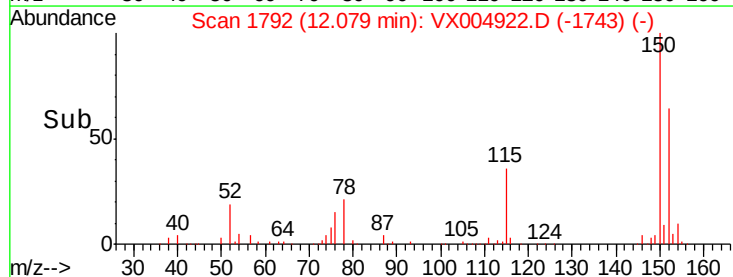
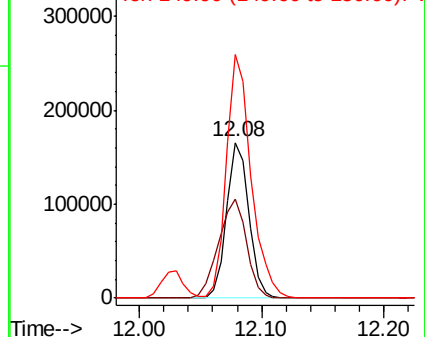
Lab File: VX004922.D

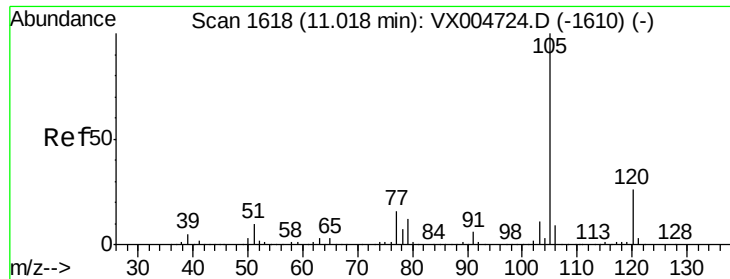
Acq: 02 Oct 2018 16:43

Tgt Ion:	152	Resp:	208419
Ion Ratio	Lower	Upper	
152	100		
115	80.6	40.2	120.6
150	173.7	0.0	351.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





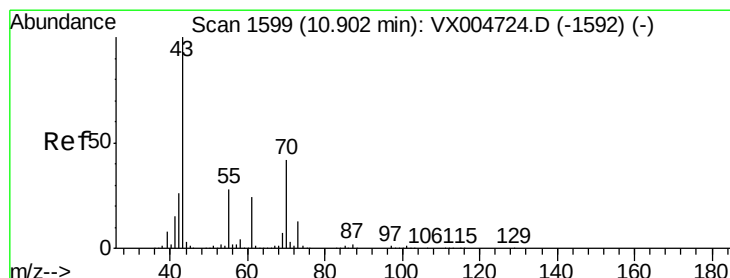
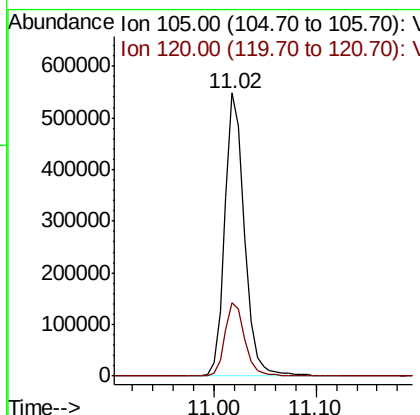
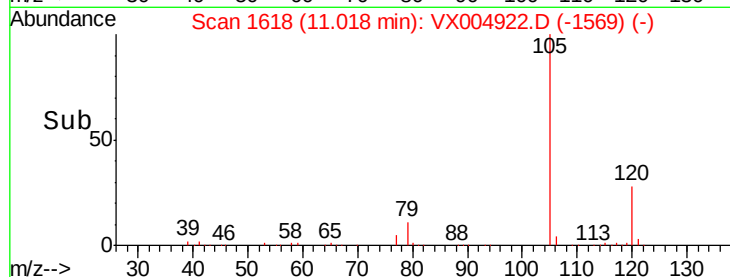
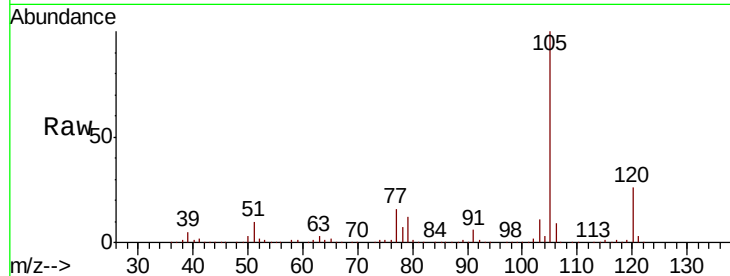
#73
Isopropylbenzene
Concen: 55.650 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX004922.D
Acq: 02 Oct 2018 16:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 105 Resp: 731073
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.5

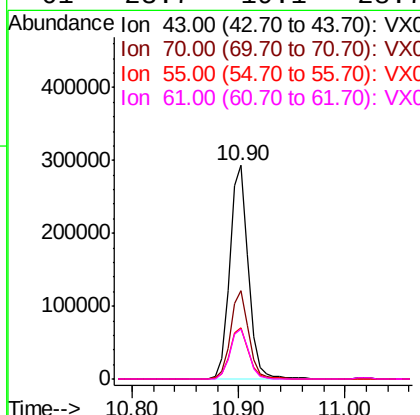
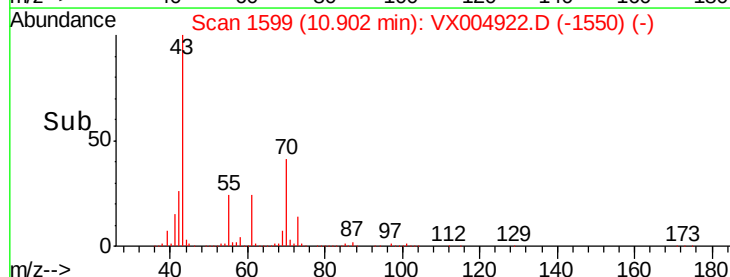
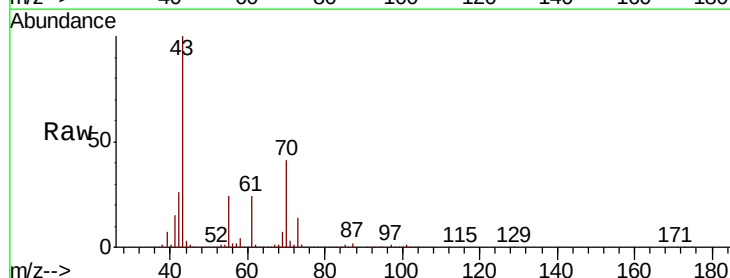
Manual Integrations
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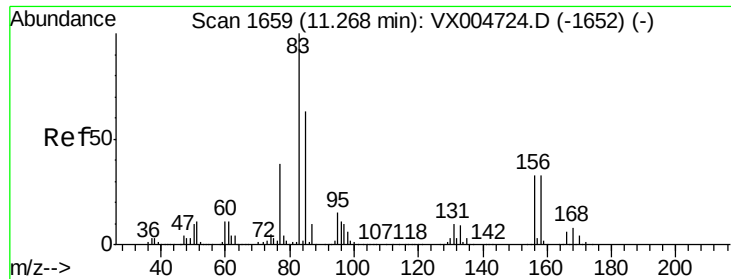
sam
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#74
N-ethyl acetate
Concen: 49.537 ug/l
RT: 10.90 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VX004922.D
Acq: 02 Oct 2018 16:43

Tgt Ion: 43 Resp: 357568
Ion Ratio Lower Upper
43 100
70 40.3 32.6 48.8
55 24.6 21.6 32.4
61 23.7 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 48.758 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX004922.D

Acq: 02 Oct 2018 16:43

Instrument :

MSVOA_X

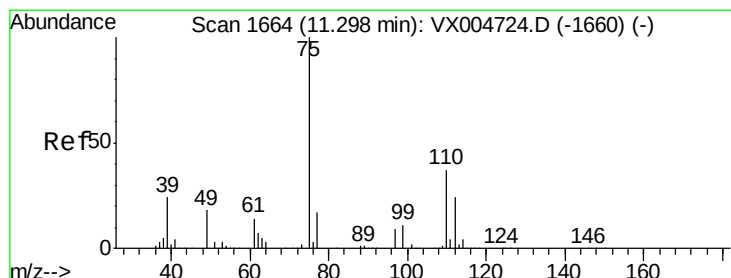
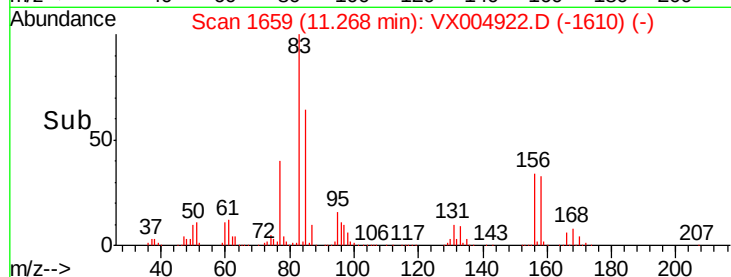
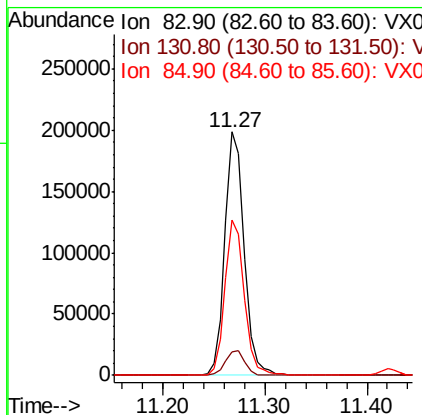
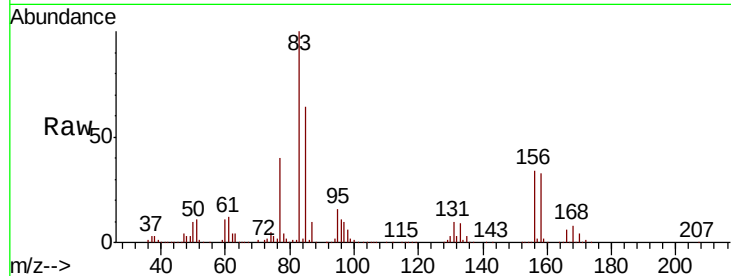
ClientSampled :

VSTDCCC050

Tot Ion:	83	Resp:	260740
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.1	15.3
85	64.1	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 50.446 ug/l m

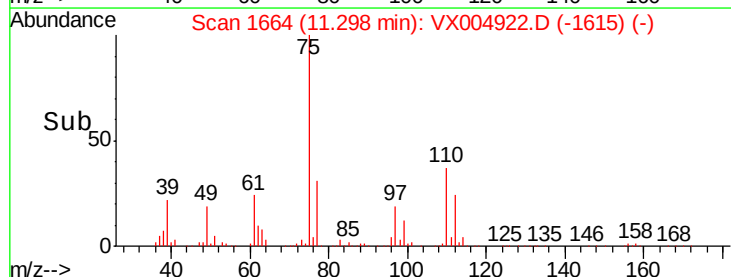
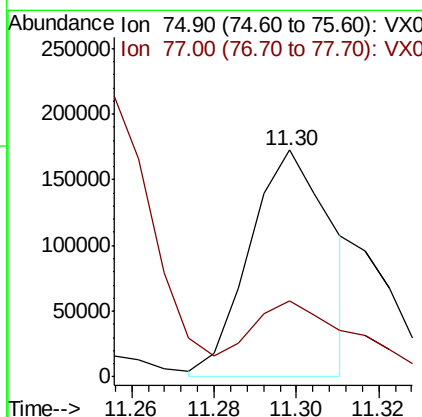
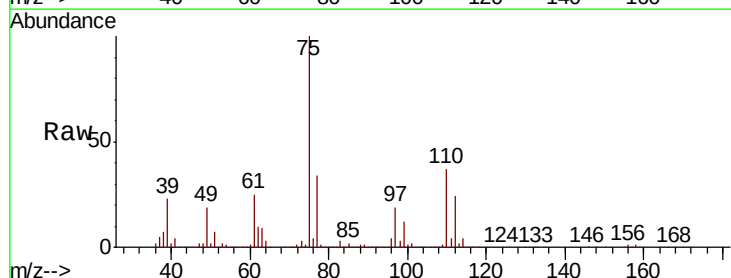
RT: 11.30 min Scan# 1664

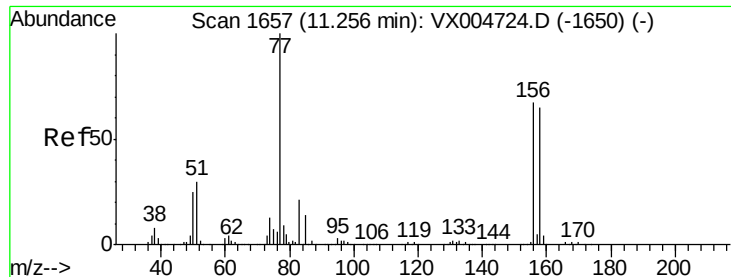
Delta R.T. -0.00 min

Lab File: VX004922.D

Acq: 02 Oct 2018 16:43

Tgt Ion:	75	Resp:	235655
Ion Ratio	Lower	Upper	
75	100		
77	43.1	21.4	64.3





#77

Bromobenzene

Concen: 50.475 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004922.D

Acq: 02 Oct 2018 16:43

Instrument :

MSVOA_X

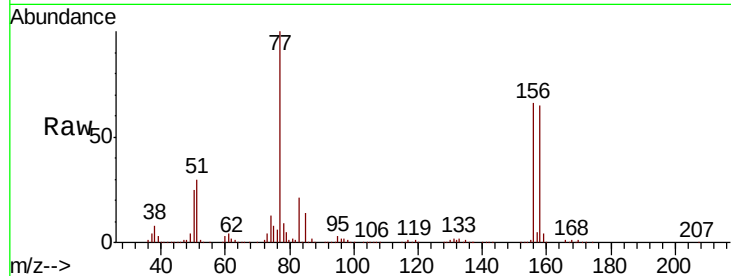
ClientSampled :

VSTDCCC050

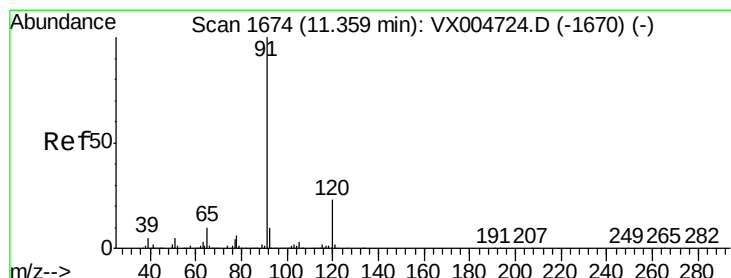
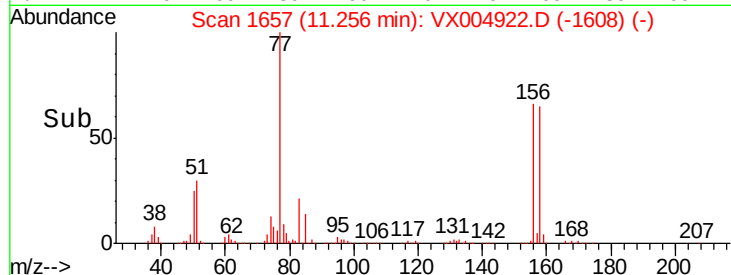
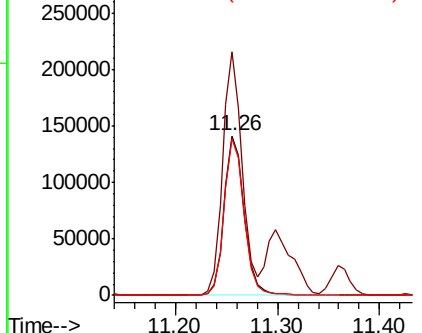
Tot Ion:	156	Resp:	192598
Ion Ratio	Lower	Upper	
156	100		
77	148.0	73.4	220.2
158	97.8	49.1	147.4

Manual Integrations
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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 56.326 ug/l

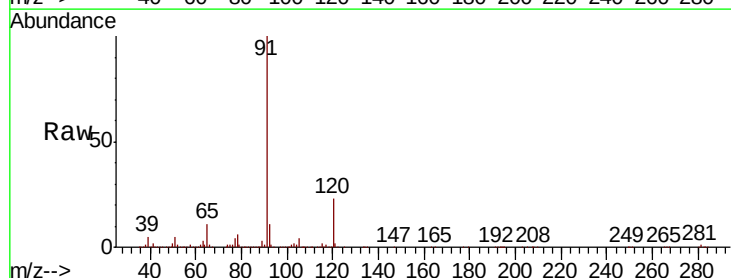
RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

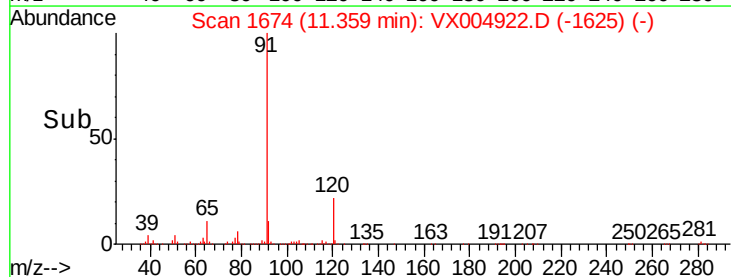
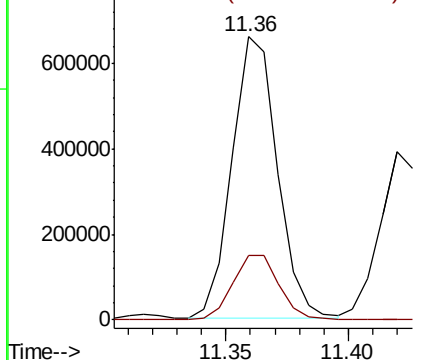
Lab File: VX004922.D

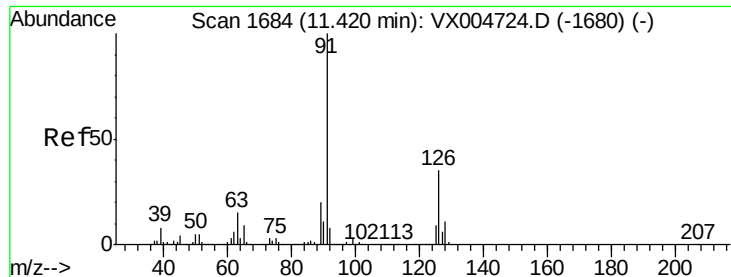
Acq: 02 Oct 2018 16:43

Tgt Ion:	91	Resp:	848998
Ion Ratio	Lower	Upper	
91	100		
120	23.8	12.0	36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.978 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX004922.D

Acq: 02 Oct 2018 16:43

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 507140

Ion Ratio Lower Upper

91 100

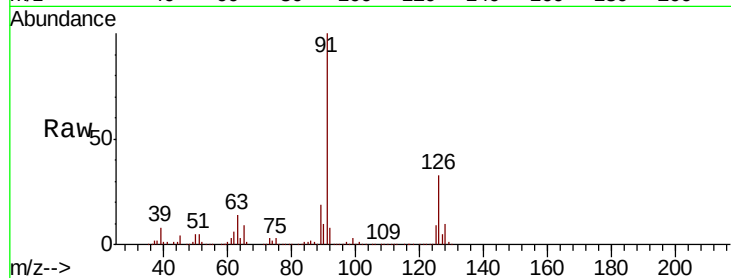
126 34.7 17.6 52.9

Manual Integrations

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

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

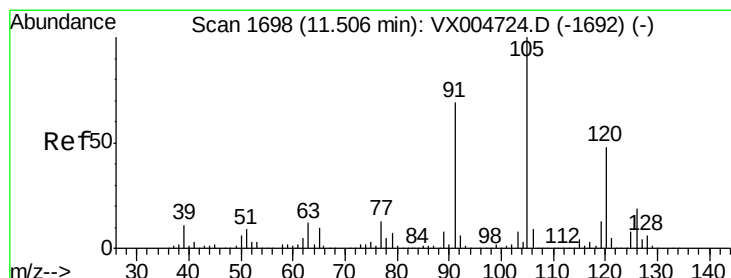
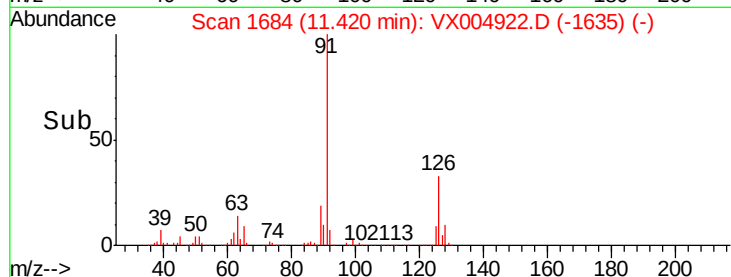
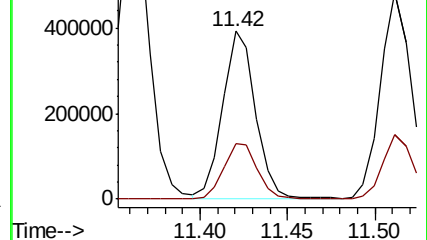
600000

400000

200000

0

11.40 11.45 11.50



#80

1,3,5-Trimethylbenzene

Concen: 51.927 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX004922.D

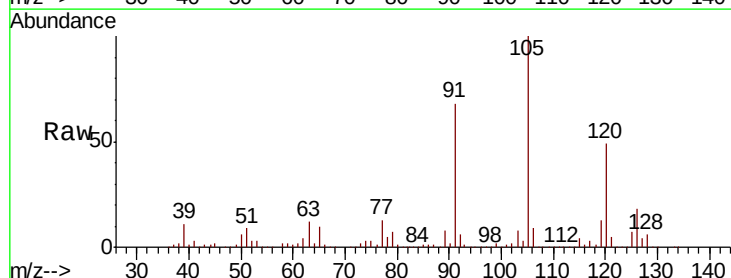
Acq: 02 Oct 2018 16:43

Tgt Ion: 105 Resp: 625136

Ion Ratio Lower Upper

105 100

120 49.0 24.3 72.8



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

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

600000

500000

400000

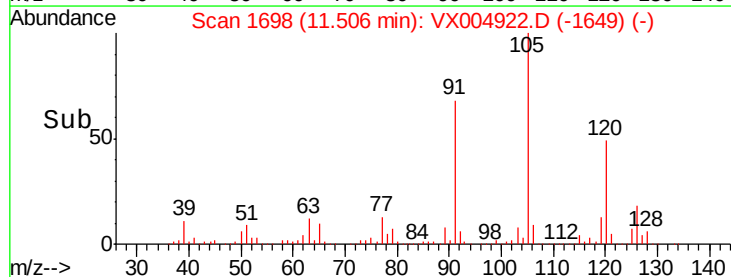
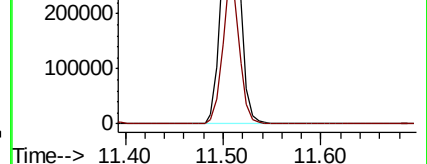
300000

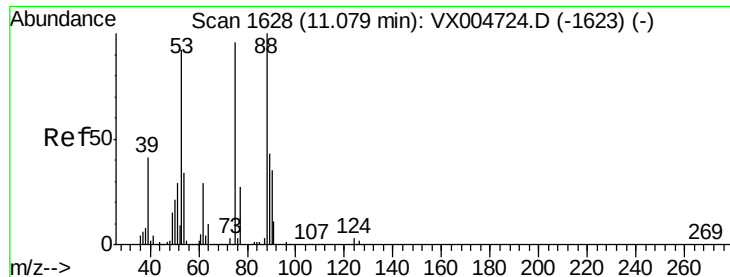
200000

100000

0

11.40 11.50 11.60





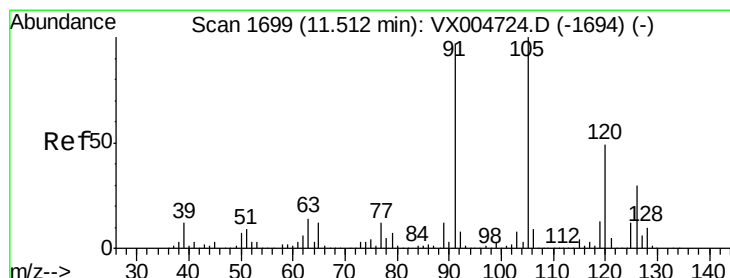
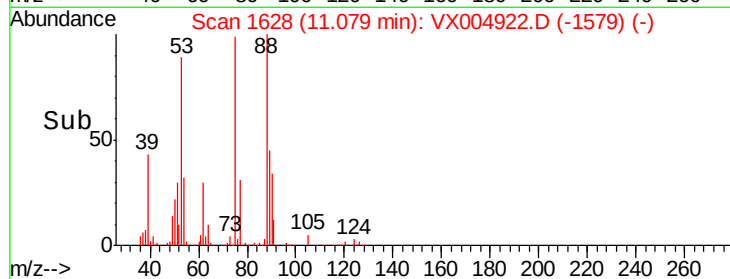
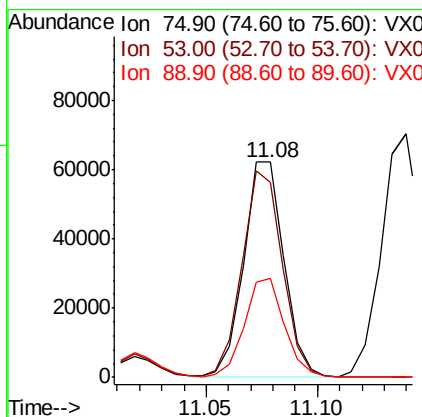
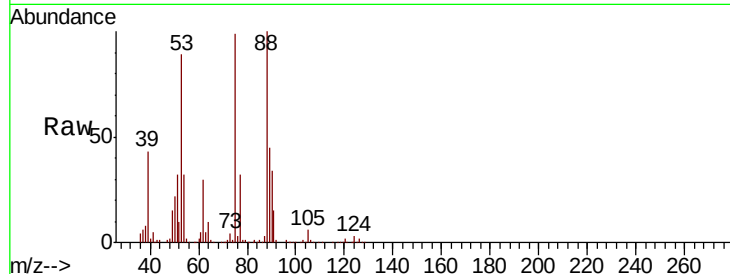
#81
trans-1,4-Dichloro-2-butene
Concen: 45.808 ug/l
RT: 11.08 min Scan# 1628
Delta R.T. -0.00 min
Lab File: VX004922.D
Acq: 02 Oct 2018 16:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.9	80.2	120.4
89	46.3	37.1	55.7

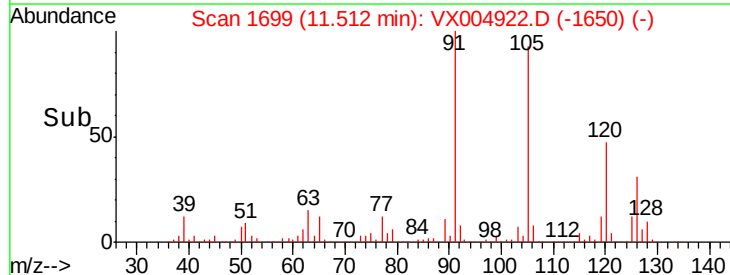
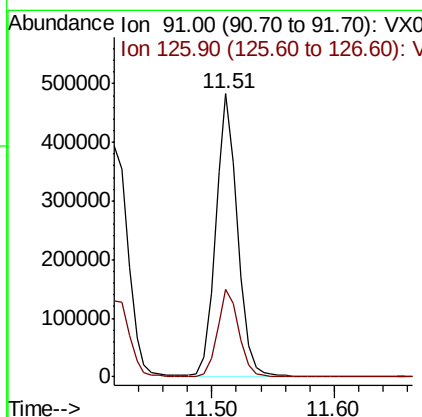
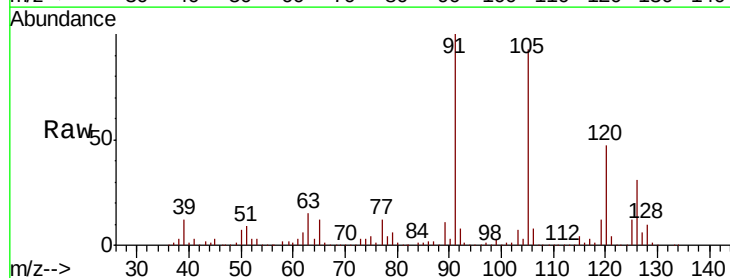
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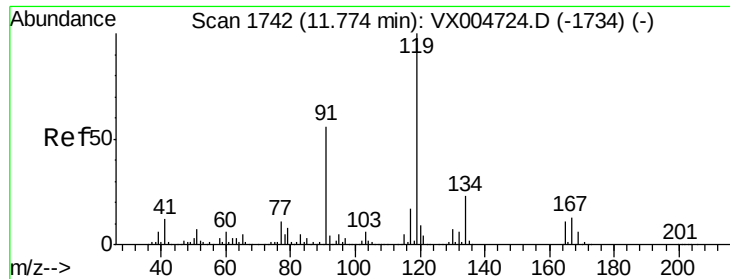
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#82
4-Chlorotoluene
Concen: 54.157 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX004922.D
Acq: 02 Oct 2018 16:43

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.5	46.5





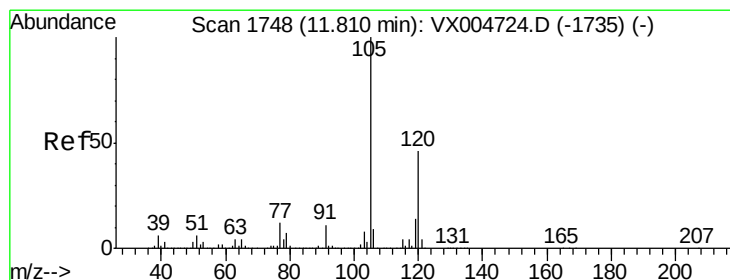
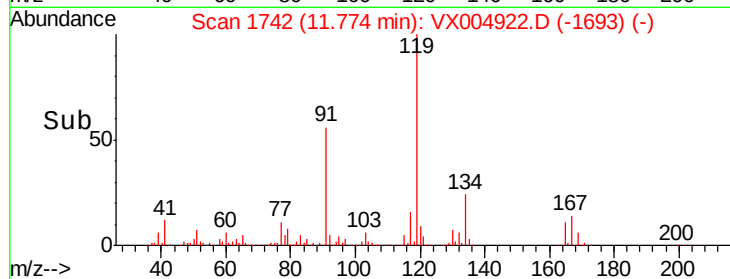
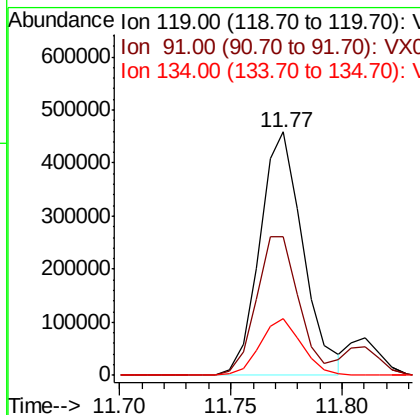
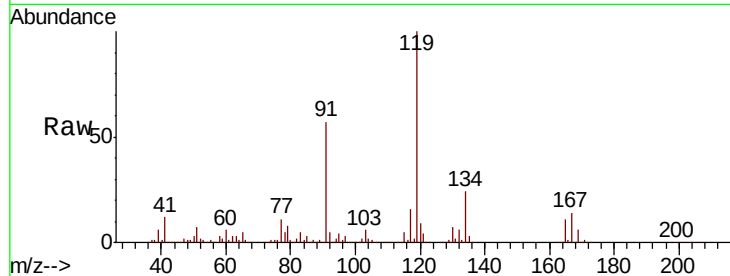
#83
 tert-Butylbenzene
 Concen: 57.184 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX004922.D
 Acq: 02 Oct 2018 16:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	55.9	27.5	82.5
134	22.7	11.5	34.4

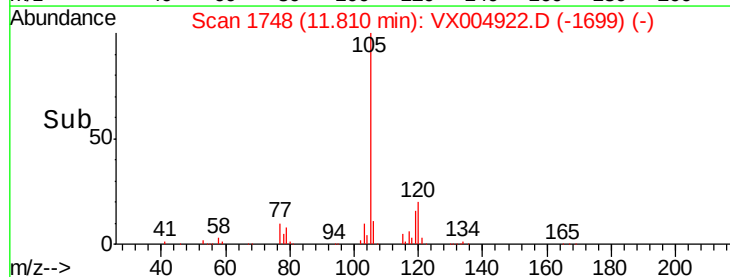
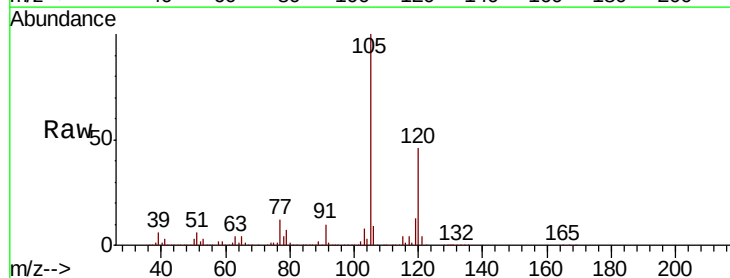
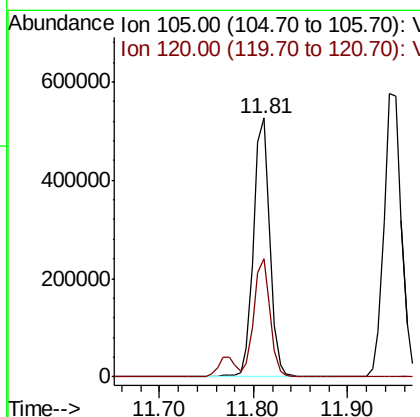
Manual Integrations
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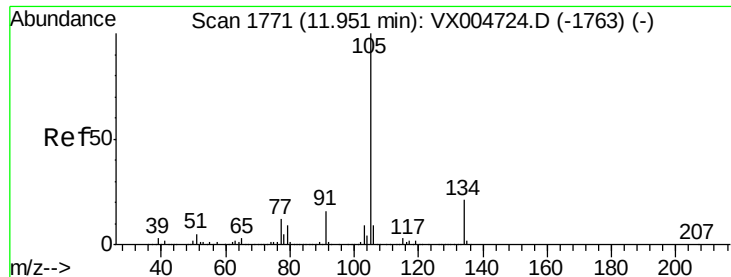
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.987 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX004922.D
 Acq: 02 Oct 2018 16:43

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.8	68.3





#85

sec-Butylbenzene

Concen: 56.934 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004922.D

Acq: 02 Oct 2018 16:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 750061

Ion Ratio Lower Upper

105 100

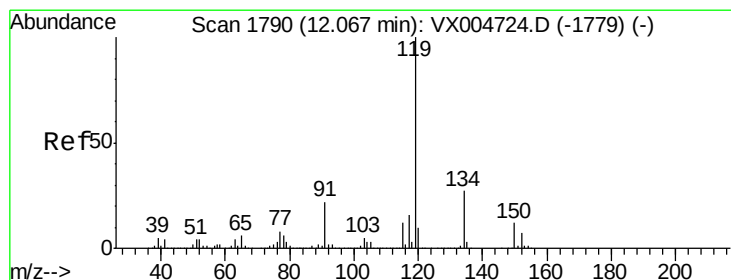
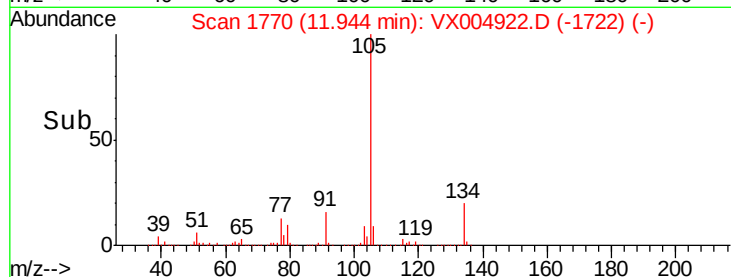
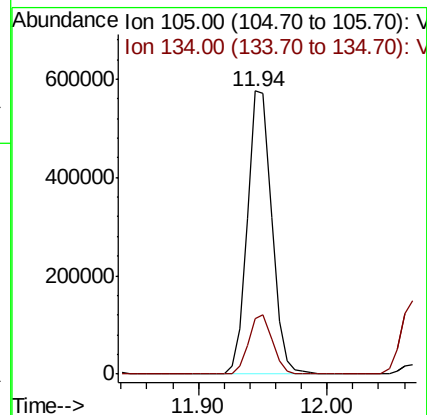
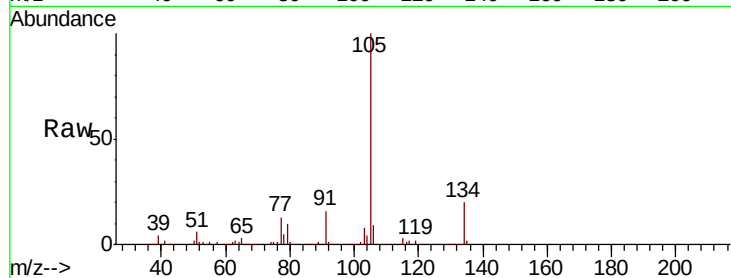
134 20.4 10.2 30.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 57.299 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX004922.D

Acq: 02 Oct 2018 16:43

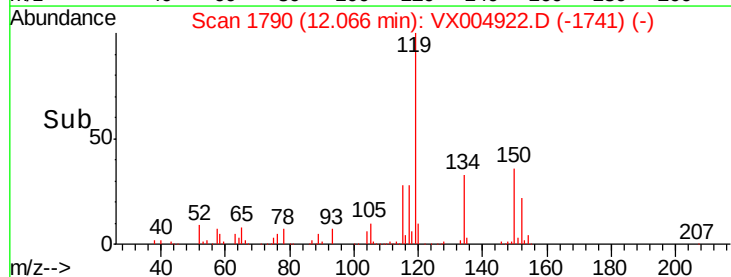
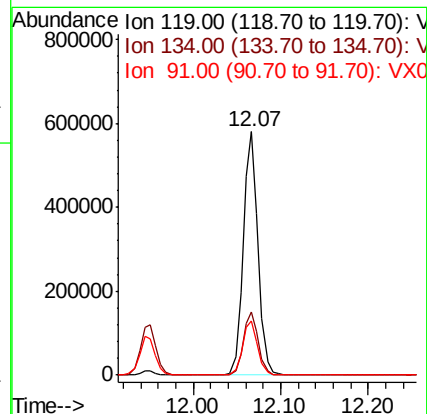
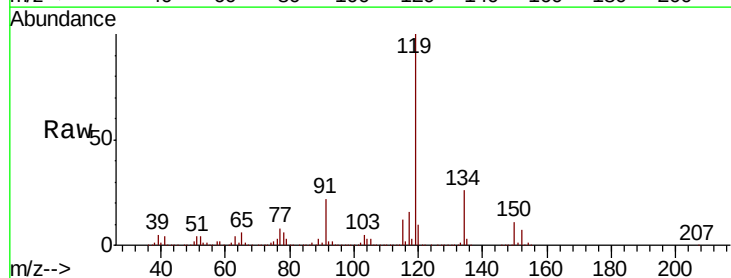
Tgt Ion:119 Resp: 683920

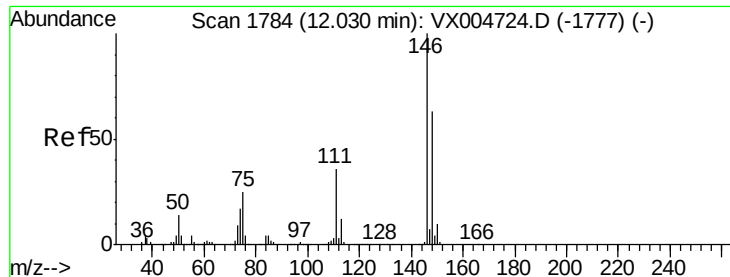
Ion Ratio Lower Upper

119 100

134 26.4 13.4 40.1

91 22.8 11.5 34.4





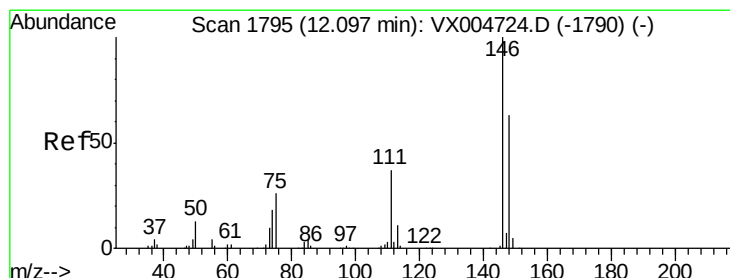
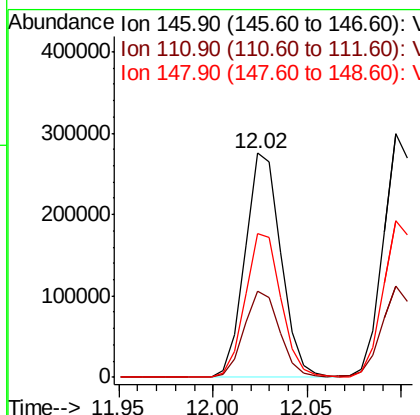
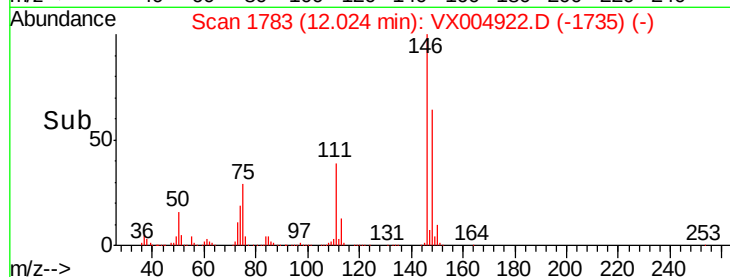
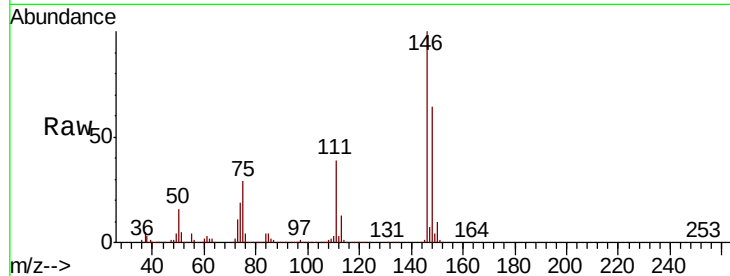
#87
 1,3-Dichlorobenzene
 Concen: 51.145 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX004922.D
 Acq: 02 Oct 2018 16:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.9	56.9
148	64.4	31.8	95.3

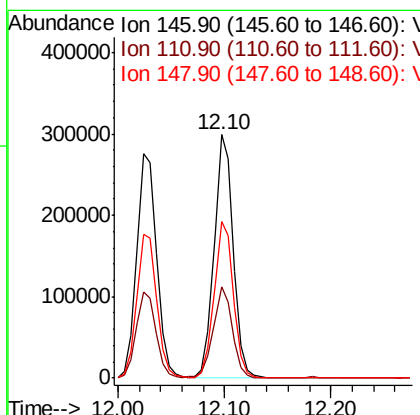
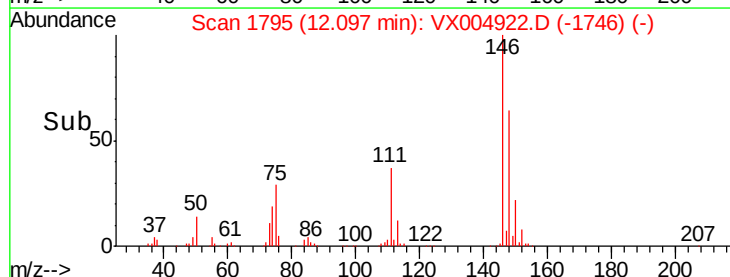
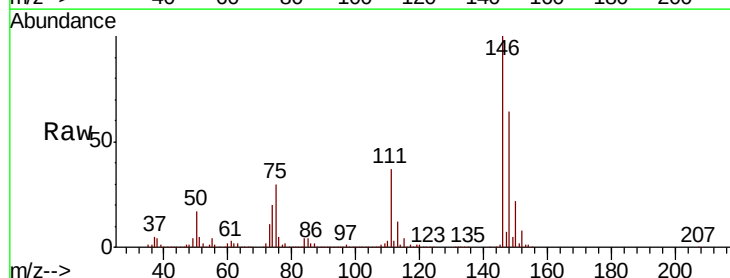
Manual Integrations
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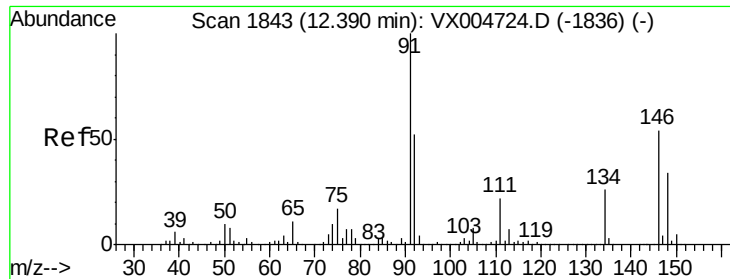
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#88
 1,4-Dichlorobenzene
 Concen: 50.021 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX004922.D
 Acq: 02 Oct 2018 16:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.4	55.2
148	64.8	32.0	96.0





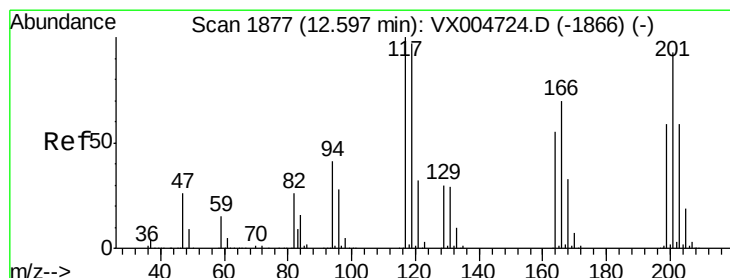
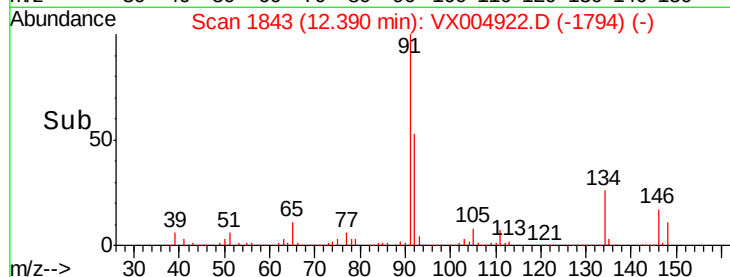
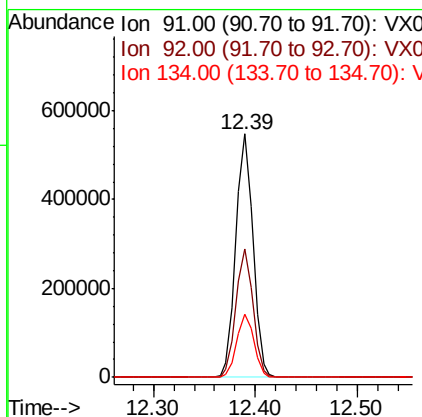
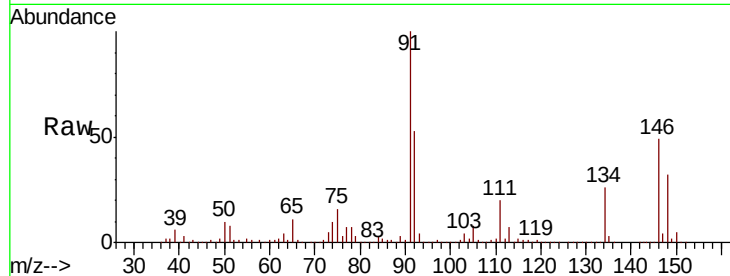
#89
n-Butylbenzene
Concen: 58.171 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004922.D
Acq: 02 Oct 2018 16:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.0	78.0
134	26.2	13.2	39.6

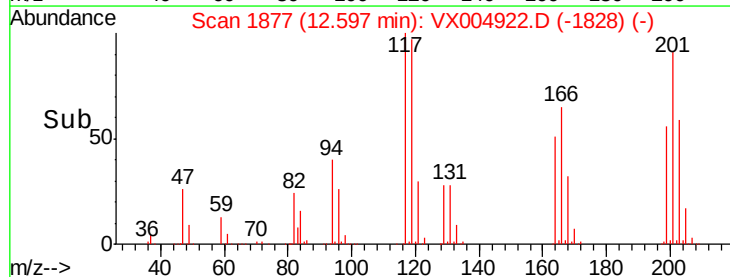
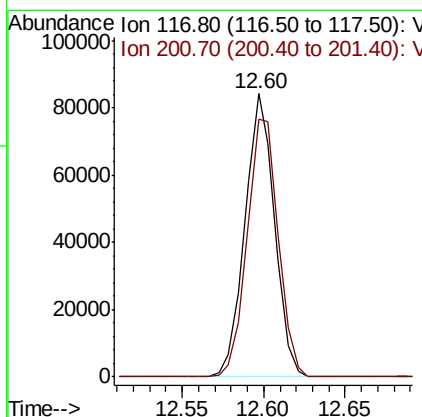
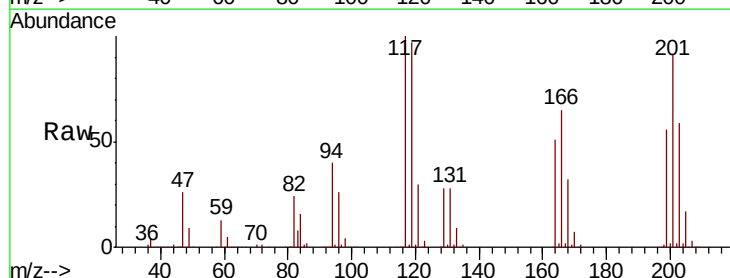
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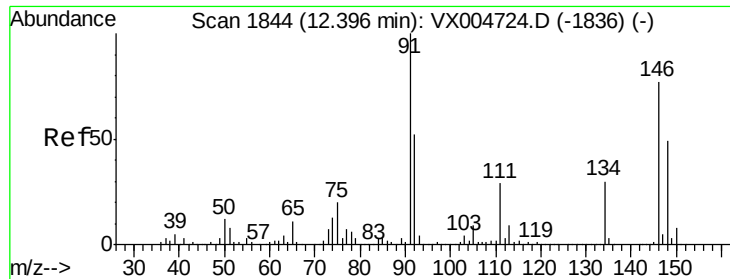
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#90
Hexachloroethane
Concen: 53.414 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX004922.D
Acq: 02 Oct 2018 16:43

Tgt Ion	Ratio	Lower	Upper
117	100		
201	96.2	48.4	145.0





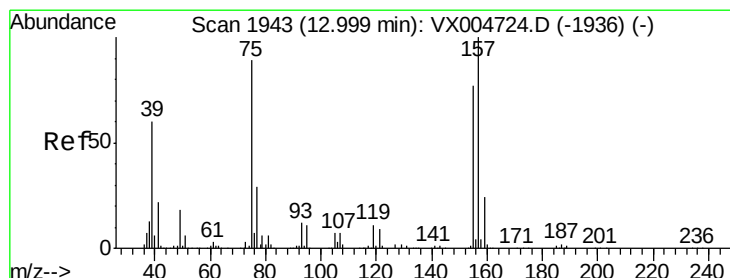
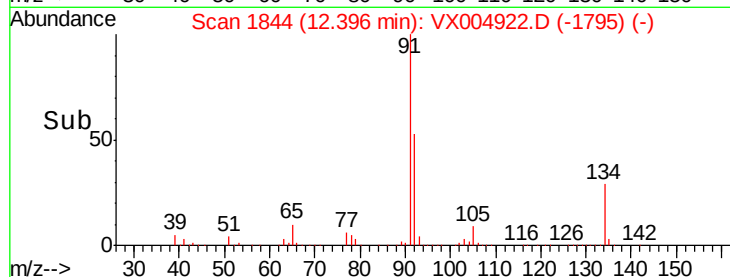
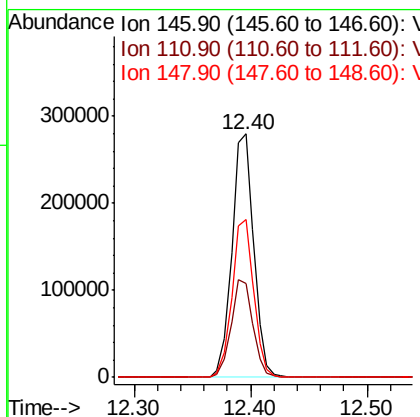
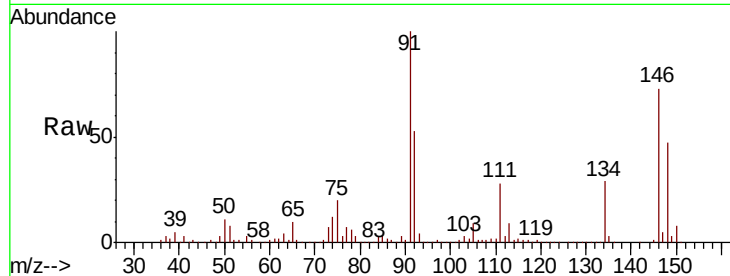
#91
 1,2-Dichlorobenzene
 Concen: 49.023 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. -0.00 min
 Lab File: VX004922.D
 Acq: 02 Oct 2018 16:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.6	58.7
148	64.5	31.8	95.4

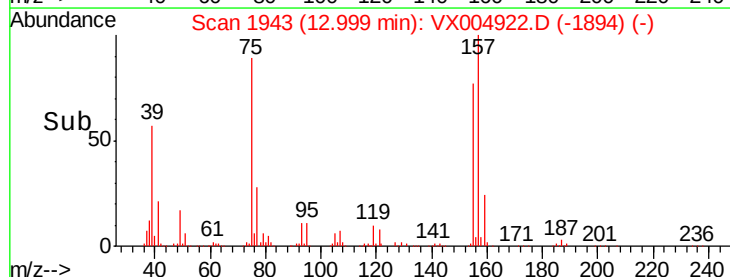
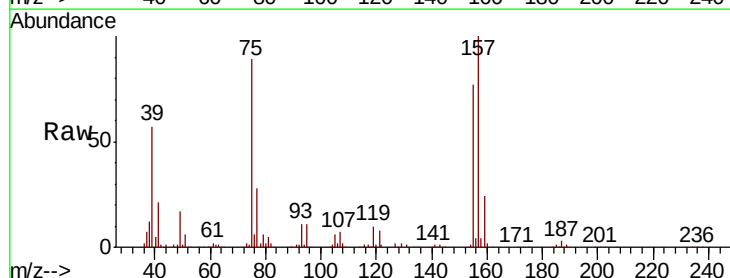
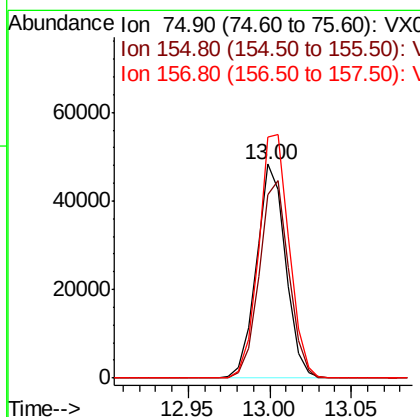
Manual Integrations
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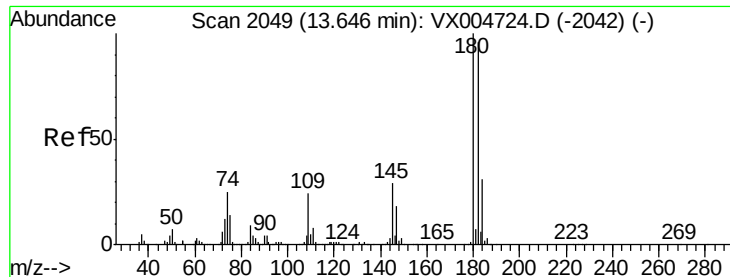
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.912 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX004922.D
 Acq: 02 Oct 2018 16:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.6	46.1	138.3
157	119.1	60.2	180.6





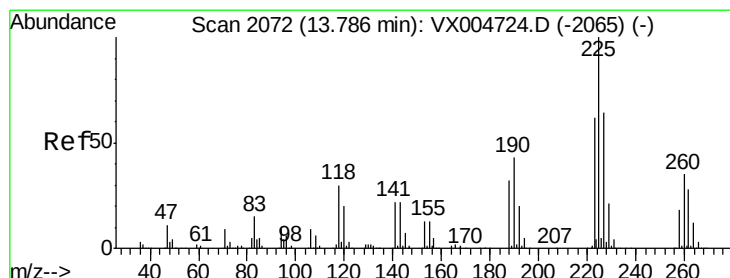
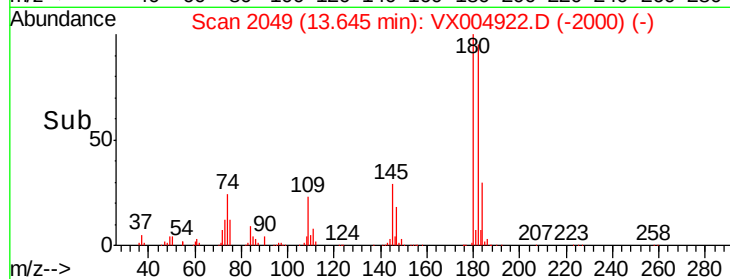
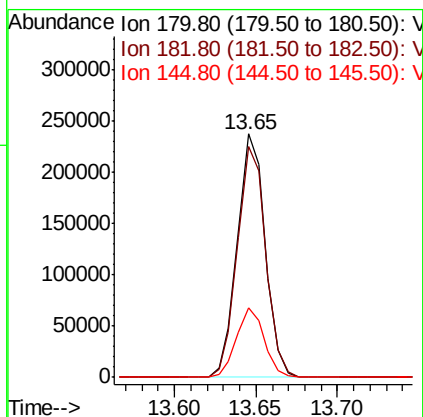
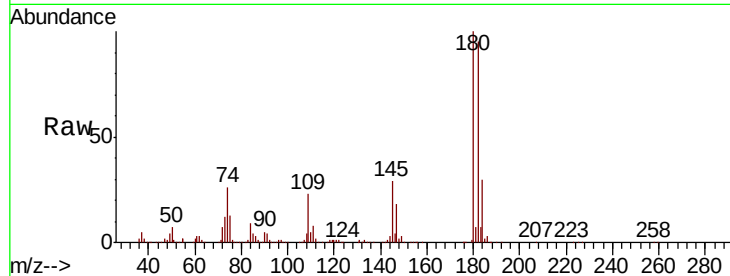
#93
1,2,4-Trichlorobenzene
Concen: 54.294 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX004922.D
Acq: 02 Oct 2018 16:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	283589		
182	96.2	47.8	143.4	
145	28.2	14.1	42.4	

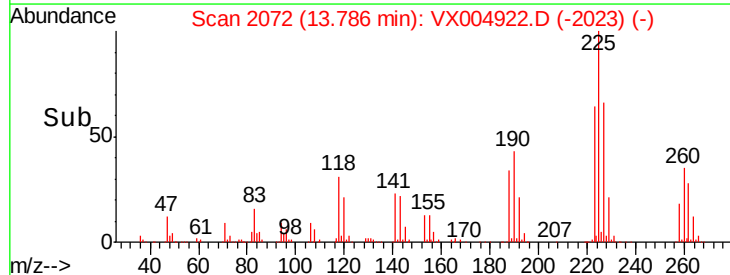
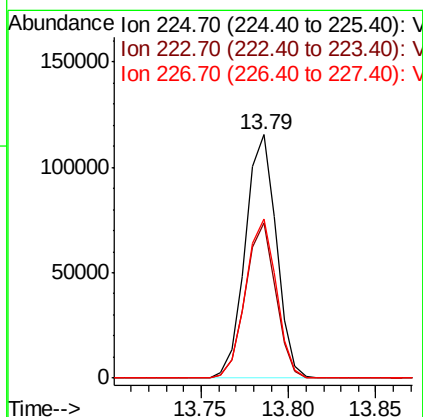
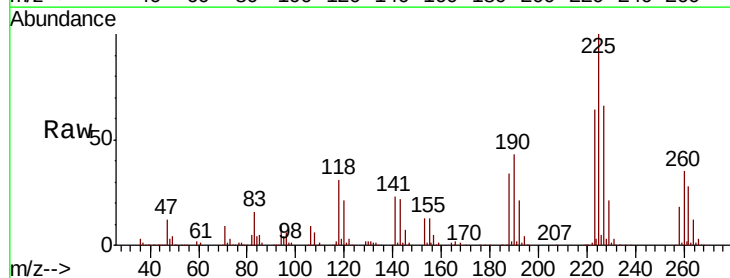
Manual Integrations
APPROVED

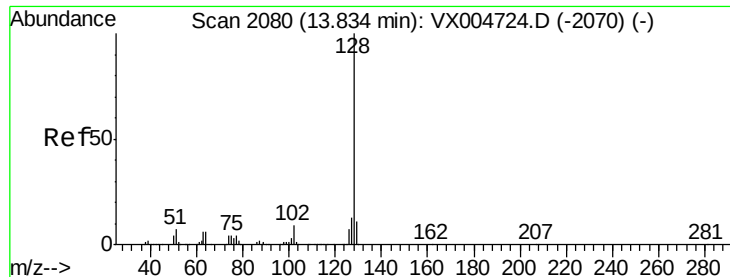
sam
10/3/2018 5:56:26 PM



#94
Hexachlorobutadiene
Concen: 52.851 ug/l
RT: 13.79 min Scan# 2072
Delta R.T. -0.00 min
Lab File: VX004922.D
Acq: 02 Oct 2018 16:43

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	143149		
223	62.1	31.3	93.8	
227	64.8	31.9	95.5	





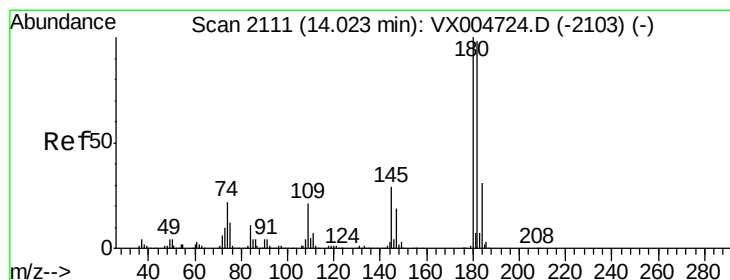
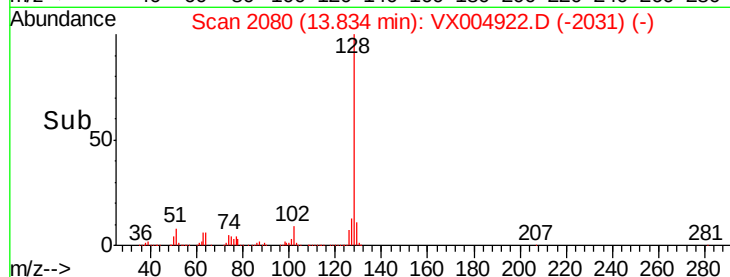
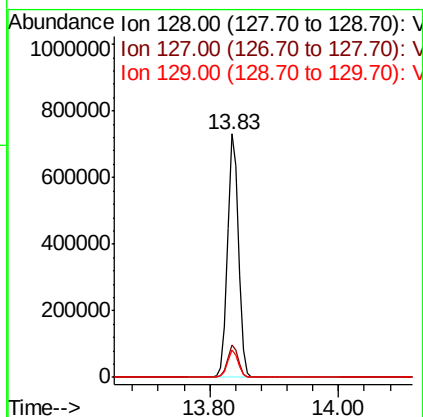
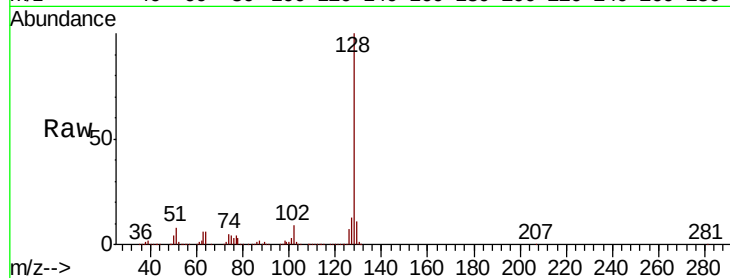
#95
Naphthalene
Concen: 50.872 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX004922.D
Acq: 02 Oct 2018 16:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.0	8.7	13.1

Manual Integrations
APPROVED

sam
10/3/2018 5:56:26 PM



#96
1,2,3-Trichlorobenzene
Concen: 53.298 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX004922.D
Acq: 02 Oct 2018 16:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.9	143.8
145	30.1	15.0	45.0

