

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032019\
 Data File : VX008256.D
 Acq On : 20 Mar 2019 21:03
 Operator : JC/SP
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 22 05:35:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 13:15:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	284950	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	477570	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	423202	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	198620	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	195728	45.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.22%	
35) Dibromofluoromethane	5.50	113	150139	46.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.92%	
50) Toluene-d8	8.71	98	568296	46.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.78%	
62) 4-Bromofluorobenzene	11.13	95	202136	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	171986	49.783	ug/l	99
3) Chloromethane	1.33	50	193567	44.652	ug/l	97
4) Vinyl Chloride	1.41	62	201470	46.614	ug/l	98
5) Bromomethane	1.64	94	174238	47.325	ug/l	99
6) Chloroethane	1.72	64	178760	65.964	ug/l	95
7) Trichlorofluoromethane	1.93	101	253636	45.983	ug/l	98
8) Diethyl Ether	2.19	74	143633	50.612	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	178663	48.785	ug/l	91
10) Methyl Iodide	2.51	142	249585	53.524	ug/l	97
11) Tert butyl alcohol	3.05	59	229253	249.534	ug/l	99
12) 1,1-Dichloroethene	2.37	96	173529	50.190	ug/l	92
13) Acrolein	2.30	56	75383	110.709	ug/l	99
14) Allyl chloride	2.73	41	379569	50.432	ug/l	93
15) Acrylonitrile	3.14	53	612649	252.115	ug/l	99
16) Acetone	2.45	43	539004	221.444	ug/l	96
17) Carbon Disulfide	2.57	76	529479	46.958	ug/l	100
18) Methyl Acetate	2.78	43	303964	53.942	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	642150	51.367	ug/l	98
20) Methylene Chloride	2.86	84	201445	49.632	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	184682	49.445	ug/l	93
22) Diisopropyl ether	3.86	45	762542	51.731	ug/l	92
23) Vinyl Acetate	3.82	43	3313069	262.155	ug/l	98
24) 1,1-Dichloroethane	3.70	63	381751	50.353	ug/l	98
25) 2-Butanone	4.67	43	897132	249.690	ug/l	97
26) 2,2-Dichloropropane	4.59	77	257332	45.057	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	214040	50.268	ug/l	92
28) Bromochloromethane	5.02	49	167283	49.139	ug/l	83
29) Tetrahydrofuran	5.13	42	591195	263.212	ug/l	97
30) Chloroform	5.21	83	362219	51.076	ug/l	100
31) Cyclohexane	5.58	56	358166	50.310	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	303125	51.383	ug/l	97
36) 1,1-Dichloropropene	5.81	75	275280	49.509	ug/l	96
37) Ethyl Acetate	4.84	43	343217	52.218	ug/l	97
38) Carbon Tetrachloride	5.79	117	253402	51.150	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	326678	48.823	ug/l	93
40) Benzene	6.15	78	838268	50.937	ug/l	99
41) Methacrylonitrile	5.04	41	194923	52.870	ug/l	96
42) 1,2-Dichloroethane	6.20	62	306306	50.808	ug/l	95
43) Isopropyl Acetate	6.45	43	548899	52.101	ug/l	97
44) Trichloroethene	7.21	130	198209	49.258	ug/l	91
45) 1,2-Dichloropropane	7.51	63	231582	50.268	ug/l	98
46) Dibromomethane	7.66	93	139255	49.924	ug/l	88
47) Bromodichloromethane	7.90	83	276805	52.071	ug/l	99
48) Methyl methacrylate	7.77	41	289842	51.741	ug/l	94
49) 1,4-Dioxane	7.74	88	99450	1006.044	ug/l	93
51) 4-Methyl-2-Pentanone	8.64	43	1774213	260.493	ug/l	97
52) Toluene	8.79	92	493980	50.596	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	309247	46.553	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	340059	51.545	ug/l	92
55) 1,1,2-Trichloroethane	9.21	97	204580	51.862	ug/l	98
56) Ethyl methacrylate	9.18	69	339978	49.144	ug/l #	92
57) 1,3-Dichloropropane	9.37	76	363140	52.039	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	769641	238.131	ug/l	94
59) 2-Hexanone	9.49	43	1333114	254.235	ug/l	96
60) Dibromochloromethane	9.58	129	203106	53.575	ug/l	98
61) 1,2-Dibromoethane	9.67	107	212223	51.524	ug/l	100
64) Tetrachloroethene	9.34	164	183851	48.153	ug/l	95
65) Chlorobenzene	10.13	112	520208	49.956	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	191564	52.762	ug/l	99
67) Ethyl Benzene	10.25	91	937197	51.072	ug/l	98
68) m/p-Xylenes	10.36	106	686990	101.915	ug/l	93
69) o-Xylene	10.69	106	338148	51.625	ug/l	95
70) Styrene	10.71	104	554859	52.124	ug/l	96
71) Bromoform	10.85	173	150267	48.122	ug/l #	100
73) Isopropylbenzene	11.02	105	896306	50.627	ug/l	98
74) N-amyl acetate	10.90	43	473593	51.058	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	315908	49.763	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	376837	67.456	ug/l	90
77) Bromobenzene	11.26	156	213884	49.967	ug/l	86
78) n-propylbenzene	11.36	91	1046087	50.873	ug/l	96
79) 2-Chlorotoluene	11.42	91	616382	49.943	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	743350	50.823	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	97553	44.675	ug/l	93
82) 4-Chlorotoluene	11.51	91	712632	49.620	ug/l	95
83) tert-Butylbenzene	11.77	119	713268	51.078	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	751513	50.682	ug/l	98
85) sec-Butylbenzene	11.94	105	884153	51.128	ug/l	97
86) p-Isopropyltoluene	12.06	119	758103	50.645	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	381338	49.849	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	381706	48.239	ug/l	98
89) n-Butylbenzene	12.38	91	694503	49.433	ug/l	97
90) Hexachloroethane	12.60	117	133651	52.425	ug/l	84
91) 1,2-Dichlorobenzene	12.39	146	382795	49.628	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	68305	48.443	ug/l	81

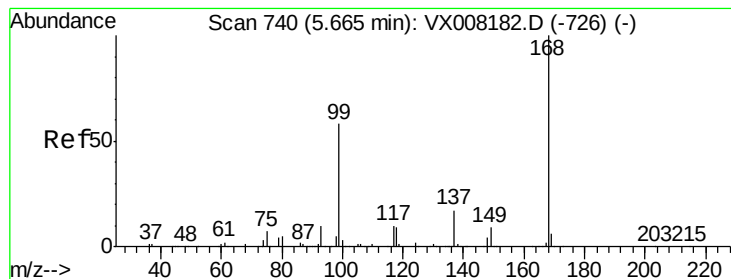
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	249836	49.174	ug/l	99
94) Hexachlorobutadiene	13.78	225	123226	49.730	ug/l	100
95) Naphthalene	13.83	128	829479	51.727	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	250777	50.163	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

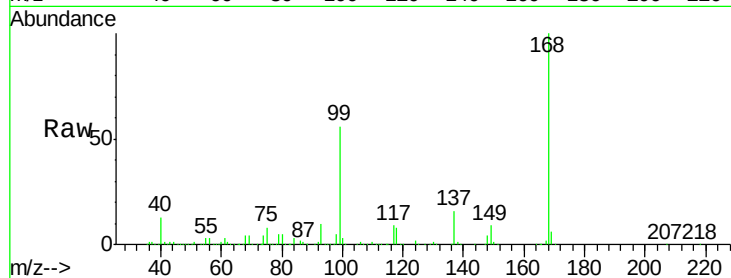
VSTDCCC050EC

Tot Ion:168 Resp: 284950

Ion Ratio Lower Upper

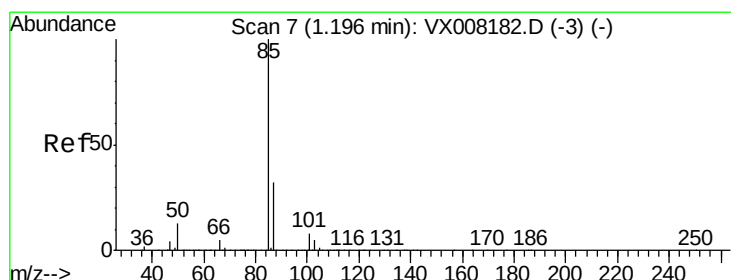
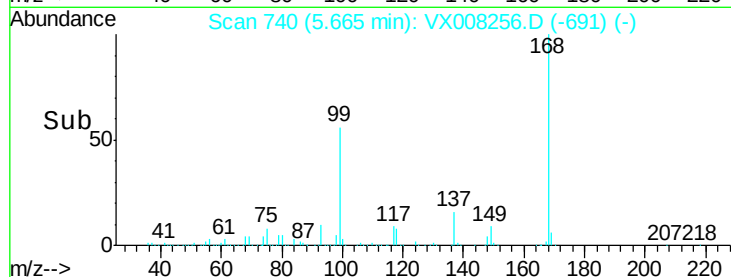
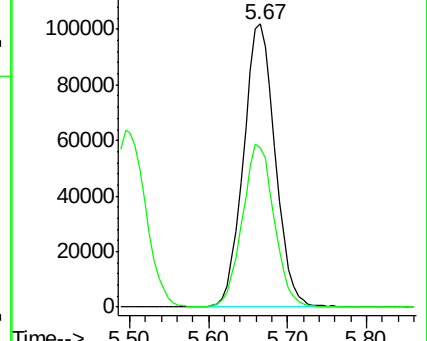
168 100

99 56.0 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 49.783 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX008256.D

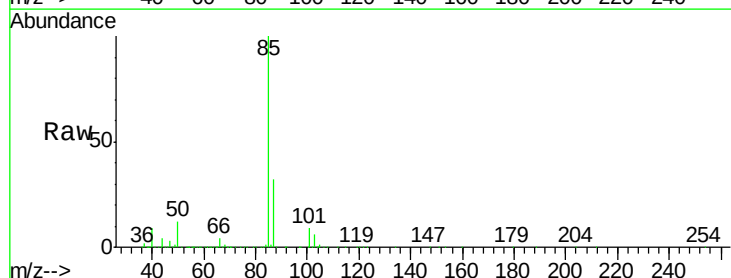
Acq: 20 Mar 2019 21:03

Tgt Ion: 85 Resp: 171986

Ion Ratio Lower Upper

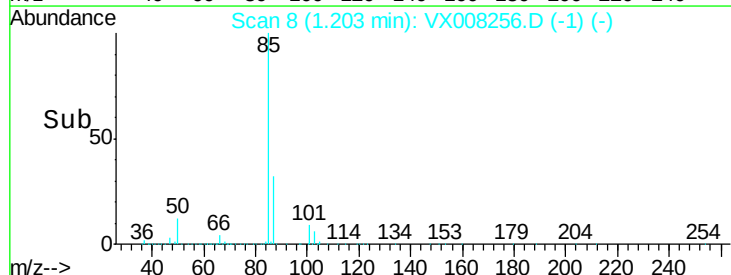
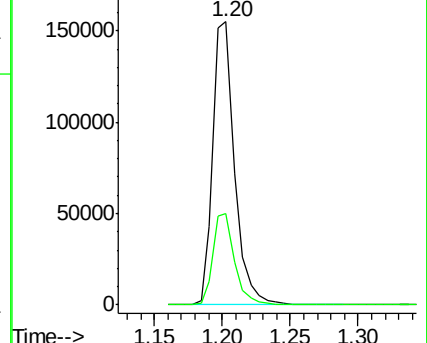
85 100

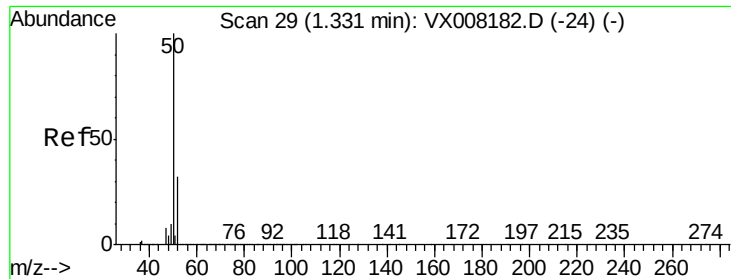
87 32.2 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 44.652 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

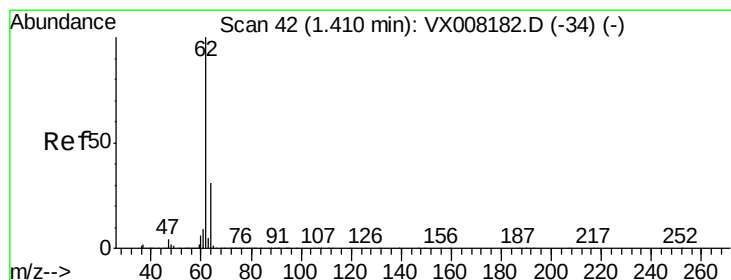
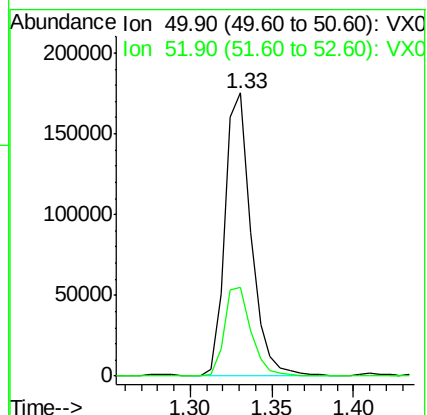
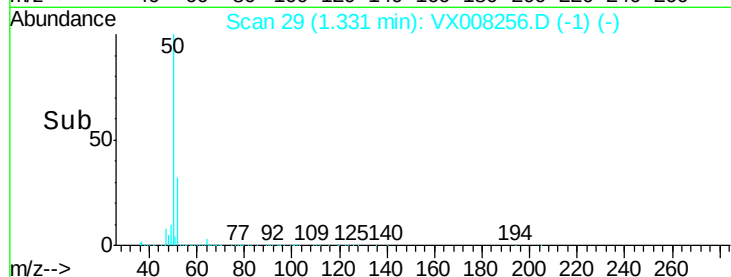
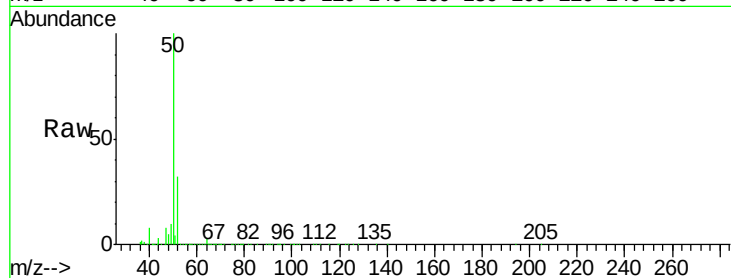
VSTDCCC050EC

Tot Ion: 50 Resp: 193567

Ion Ratio Lower Upper

50 100

52 31.6 26.5 39.7



#4

Vinyl Chloride

Concen: 46.614 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX008256.D

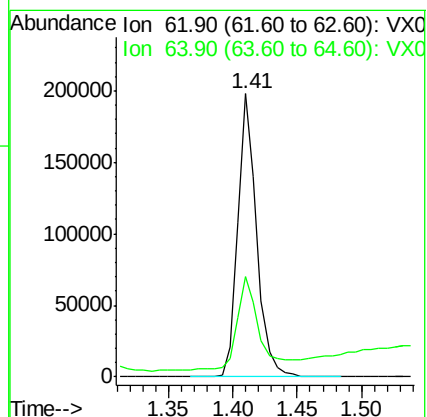
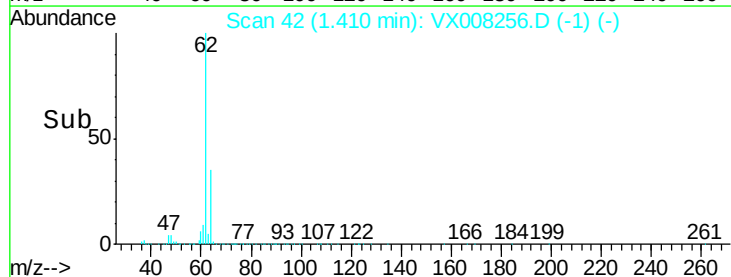
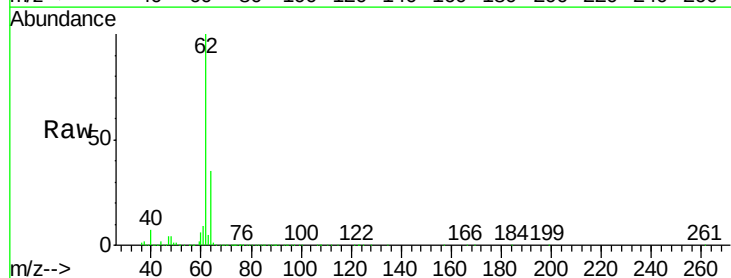
Acq: 20 Mar 2019 21:03

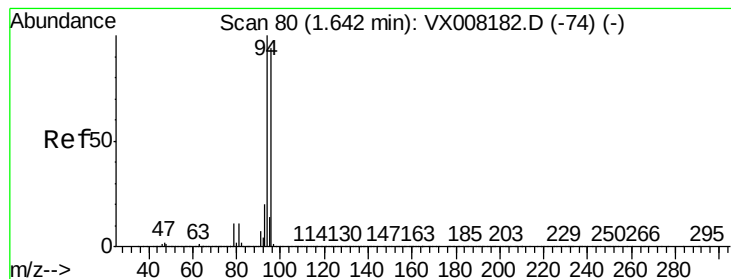
Tgt Ion: 62 Resp: 201470

Ion Ratio Lower Upper

62 100

64 32.9 25.3 37.9





#5

Bromomethane

Concen: 47.325 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

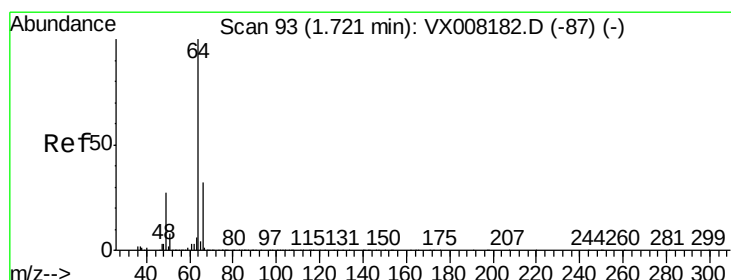
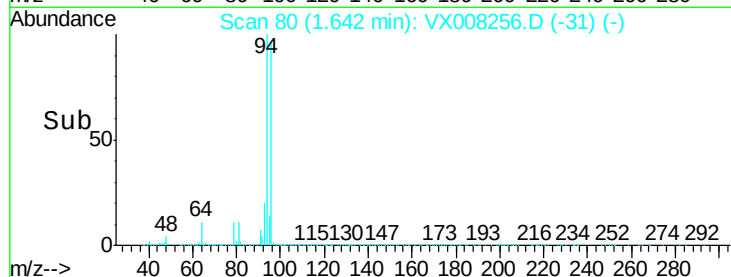
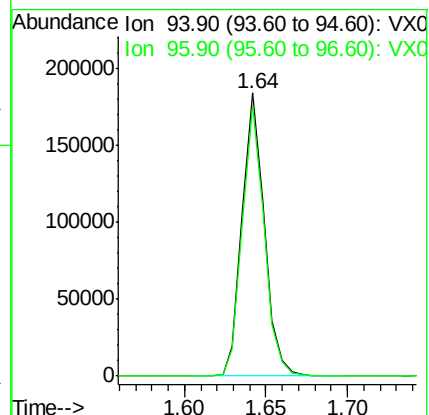
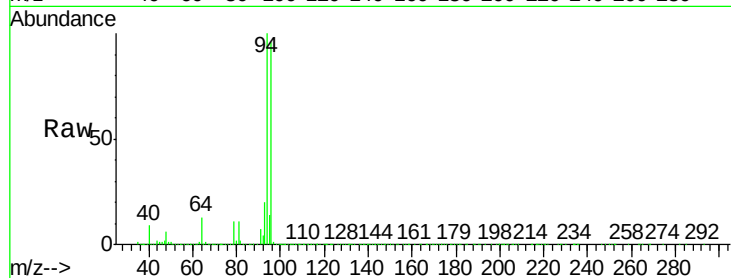
VSTDCCC050EC

Tot Ion: 94 Resp: 174238

Ion Ratio Lower Upper

94 100

96 95.7 75.5 113.3



#6

Chloroethane

Concen: 65.964 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX008256.D

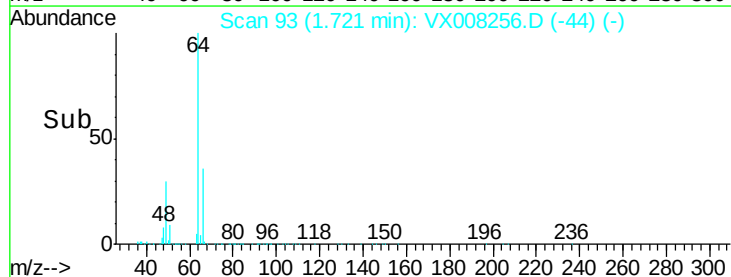
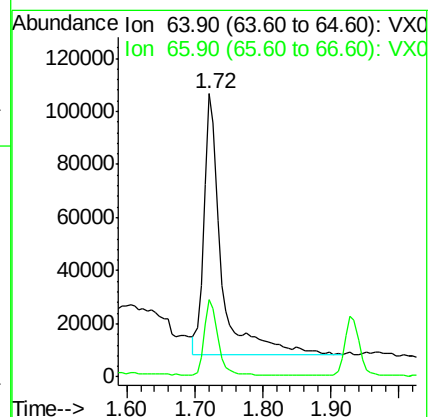
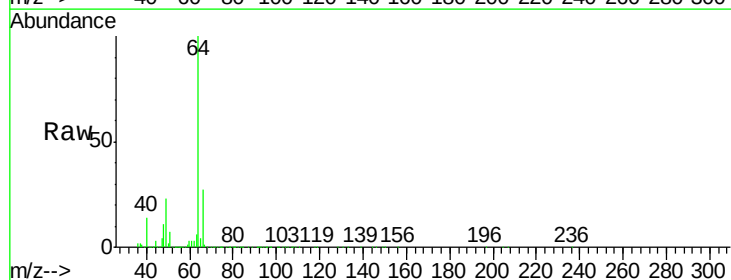
Acq: 20 Mar 2019 21:03

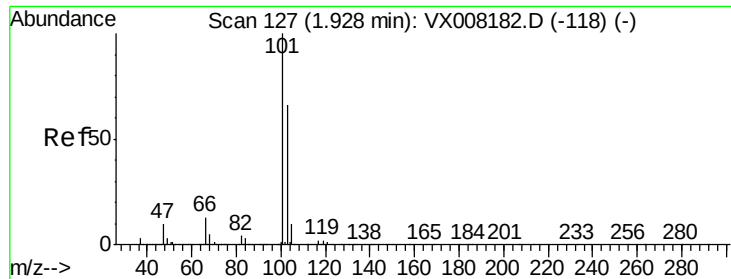
Tgt Ion: 64 Resp: 178760

Ion Ratio Lower Upper

64 100

66 28.8 25.2 37.8



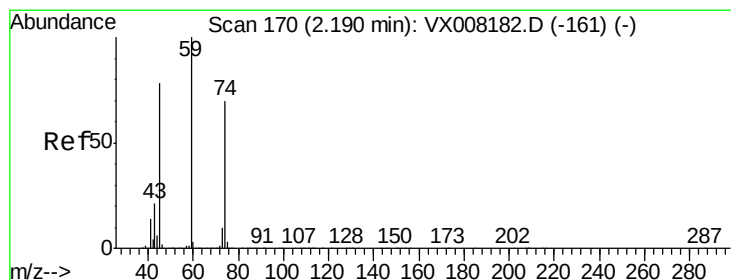
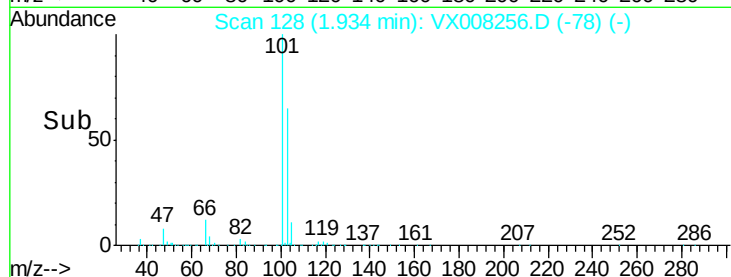
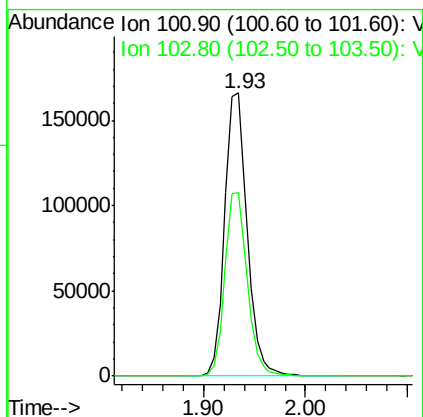
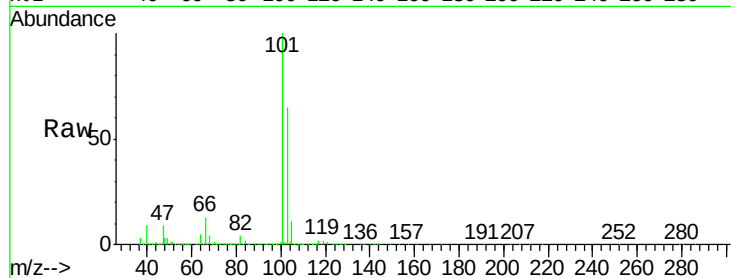


#7

Trichlorofluoromethane
Concen: 45.983 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX008256.D
Acq: 20 Mar 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

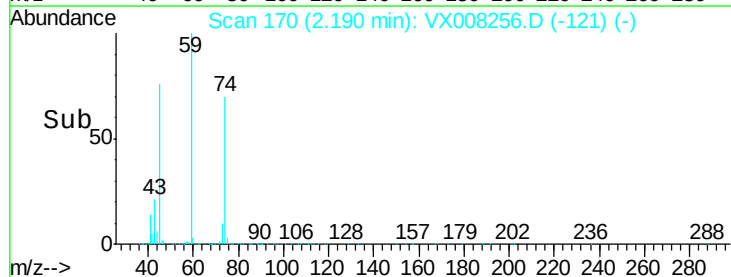
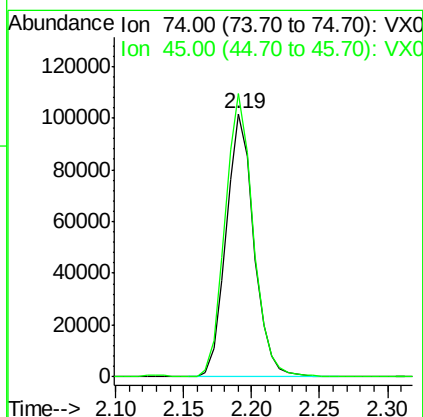
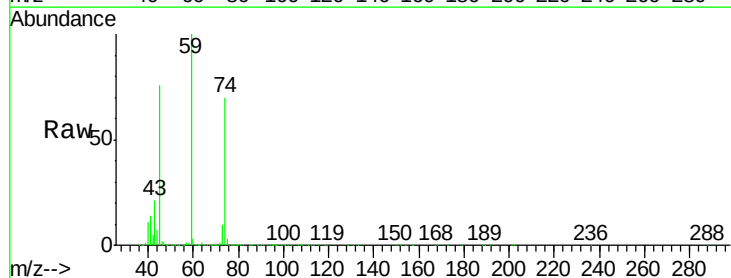
Tot Ion:101 Resp: 253636
Ion Ratio Lower Upper
101 100
103 64.9 50.4 75.6

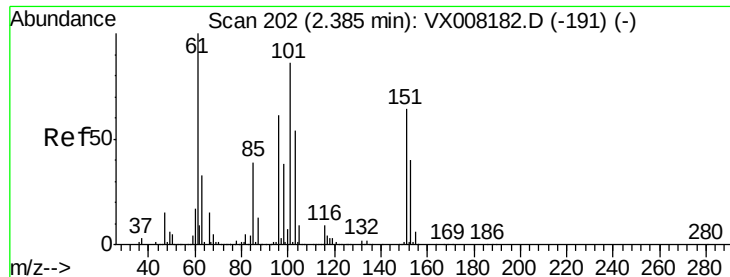


#8

Diethyl Ether
Concen: 50.612 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX008256.D
Acq: 20 Mar 2019 21:03

Tgt Ion: 74 Resp: 143633
Ion Ratio Lower Upper
74 100
45 109.0 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.785 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

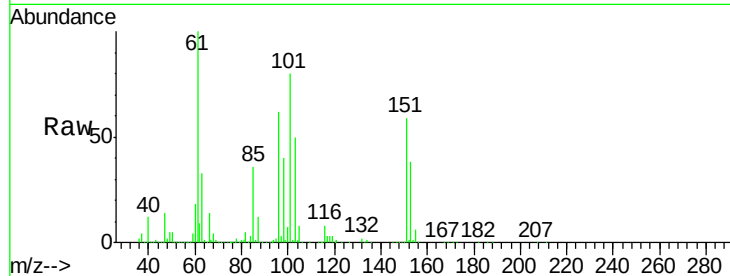
Tot Ion:101 Resp: 178663

Ion Ratio Lower Upper

101 100

85 45.1 33.8 50.6

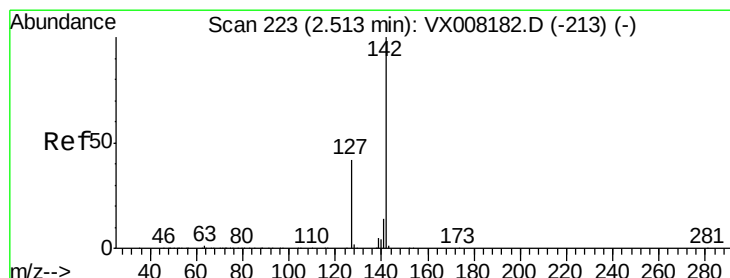
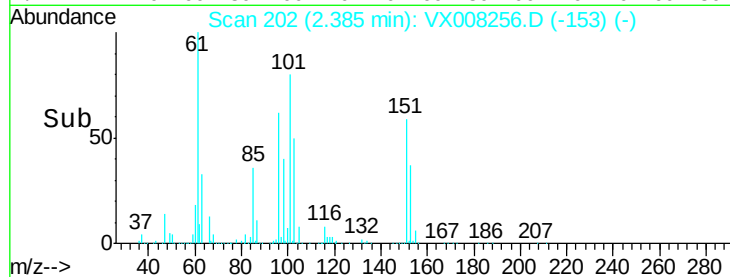
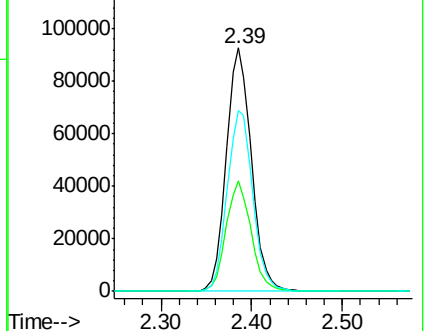
151 75.8 69.1 103.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 53.524 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

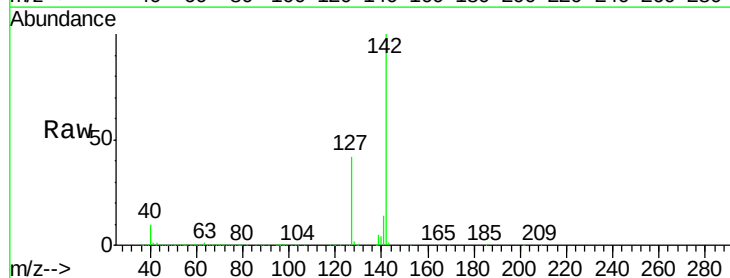
Tgt Ion:142 Resp: 249585

Ion Ratio Lower Upper

142 100

127 42.7 32.1 48.1

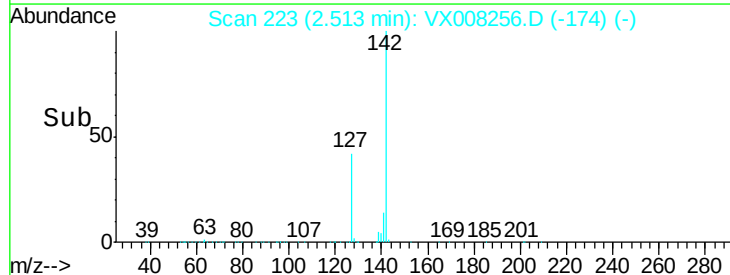
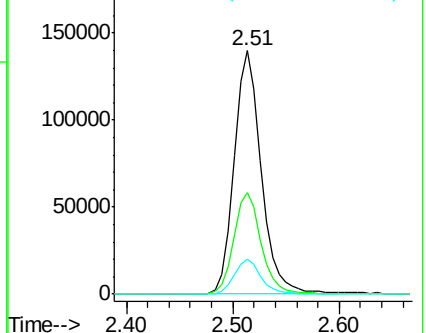
141 14.3 11.4 17.2

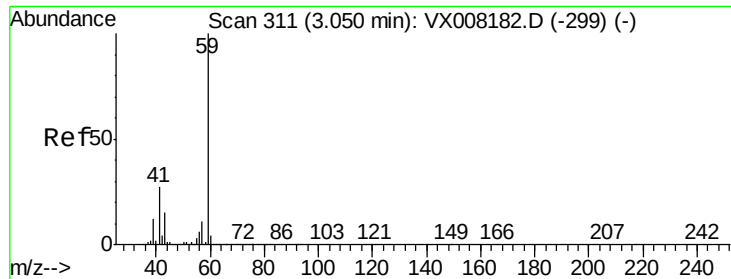


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



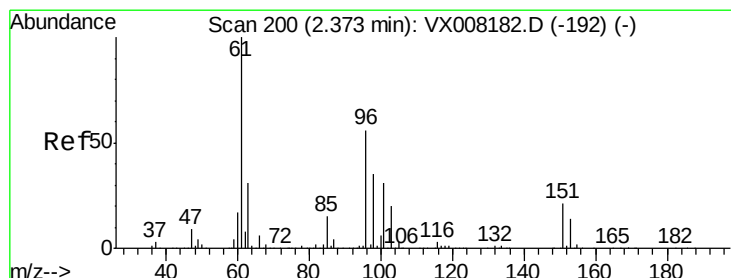
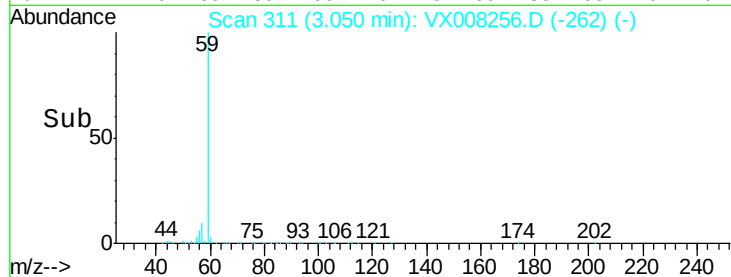
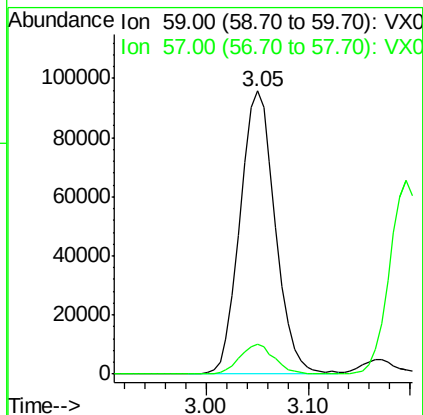
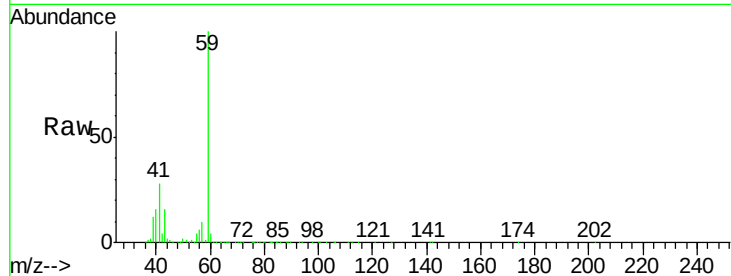


#11

Tert butyl alcohol
Concen: 249.534 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX008256.D
Acq: 20 Mar 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

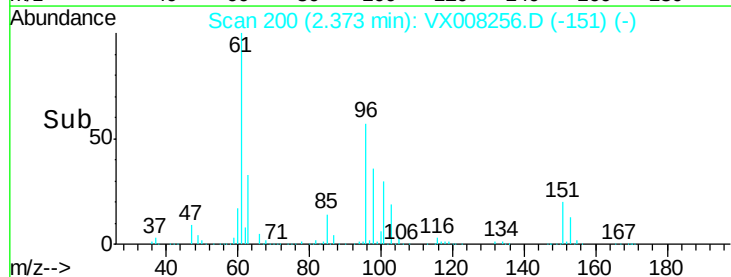
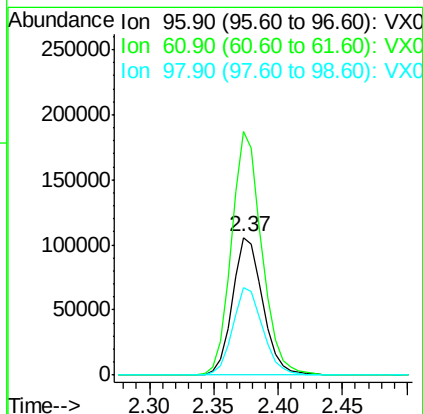
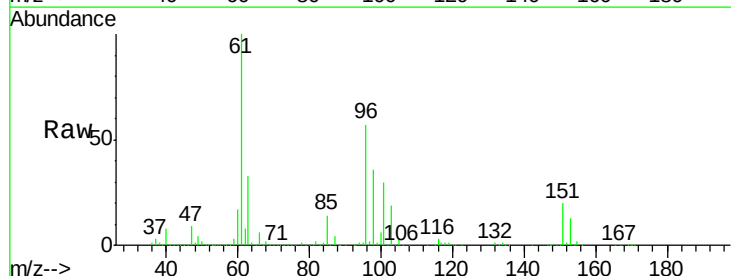
Tot Ion: 59 Resp: 229253
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.2

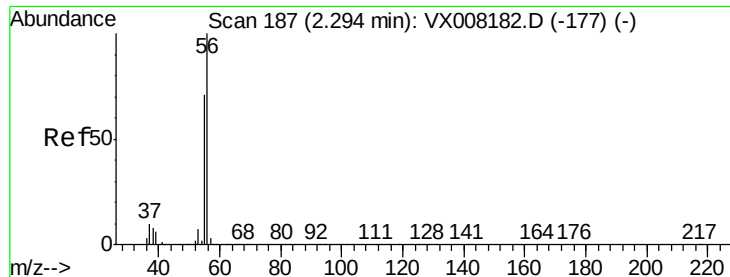


#12

1,1-Dichloroethene
Concen: 50.190 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX008256.D
Acq: 20 Mar 2019 21:03

Tgt Ion: 96 Resp: 173529
Ion Ratio Lower Upper
96 100
61 176.8 129.8 194.6
98 63.8 51.0 76.6





#13

Acrolein

Concen: 110.709 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

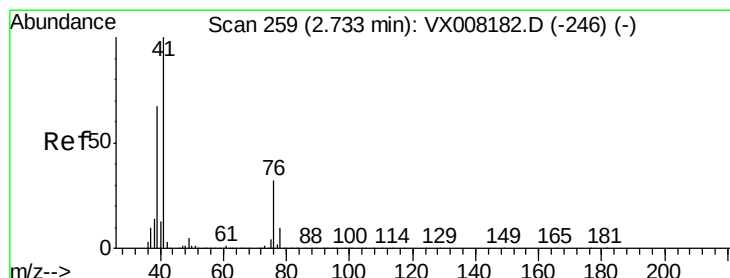
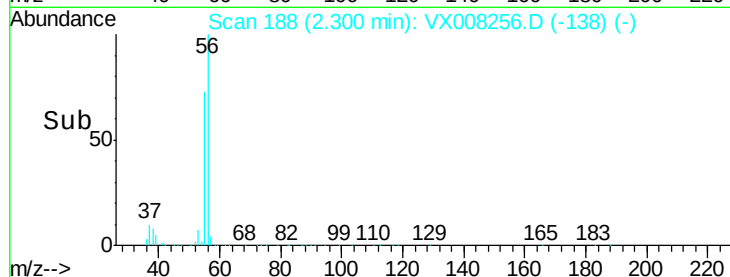
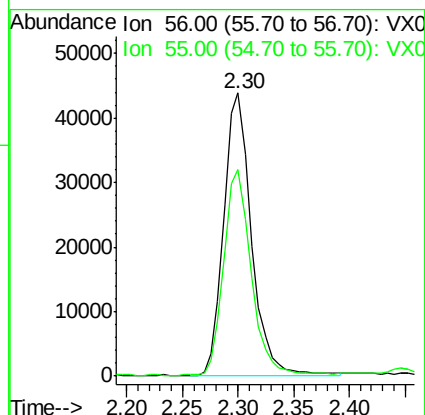
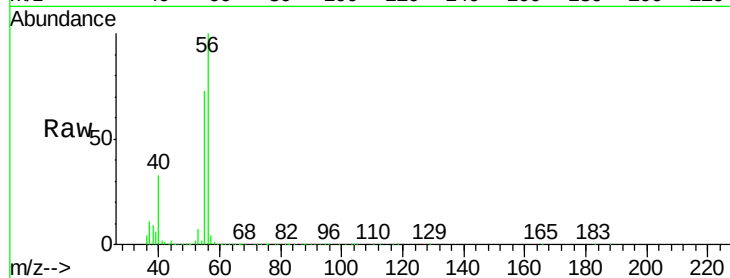
VSTDCCC050EC

Tot Ion: 56 Resp: 75383

Ion Ratio Lower Upper

56 100

55 72.7 57.8 86.6



#14

Allyl chloride

Concen: 50.432 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.00 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

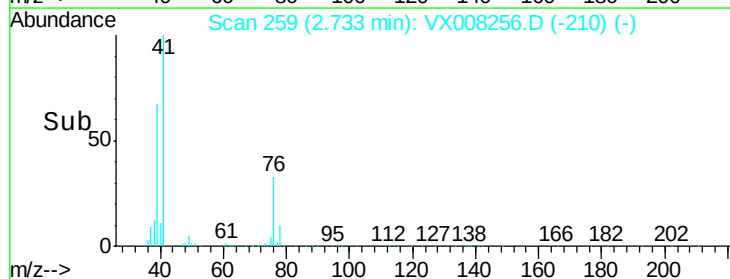
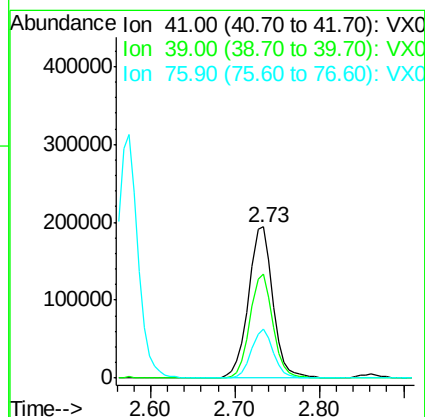
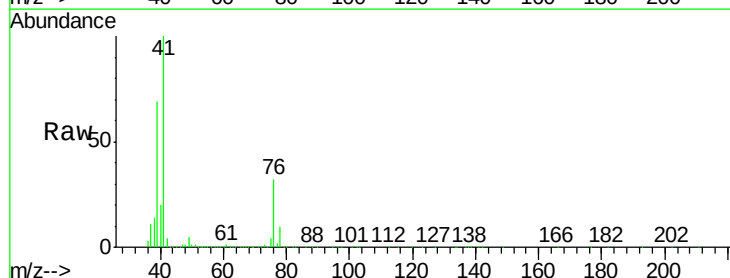
Tgt Ion: 41 Resp: 379569

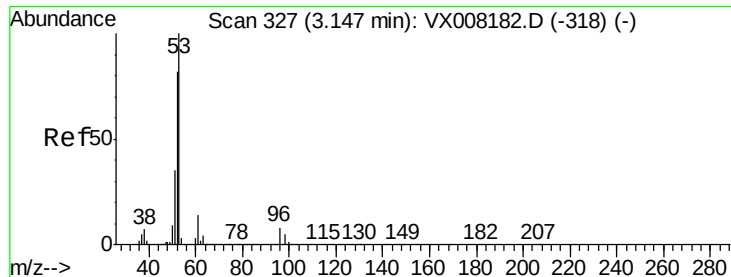
Ion Ratio Lower Upper

41 100

39 64.5 46.1 69.1

76 29.2 24.0 36.0





#15

Acrylonitrile

Concen: 252.115 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

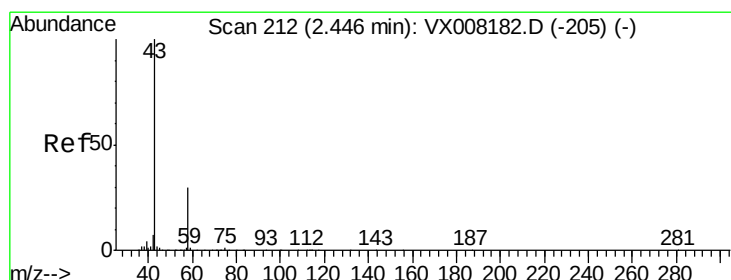
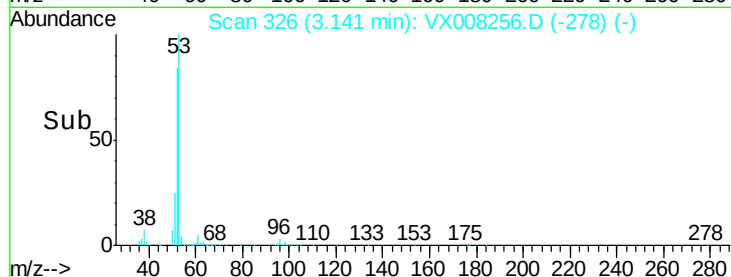
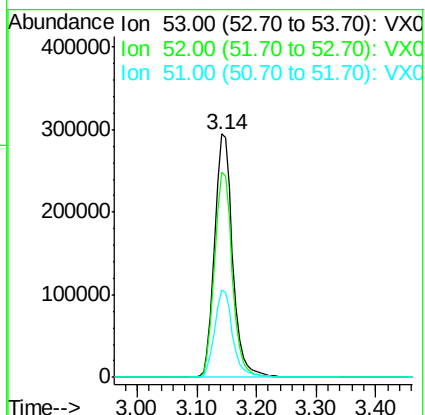
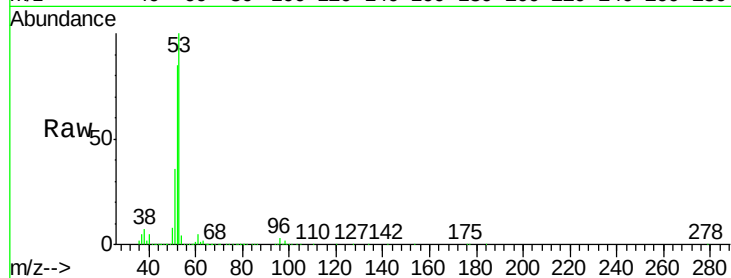
Tot Ion: 53 Resp: 612649

Ion Ratio Lower Upper

53 100

52 83.4 66.0 99.0

51 36.3 28.0 42.0



#16

Acetone

Concen: 221.444 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX008256.D

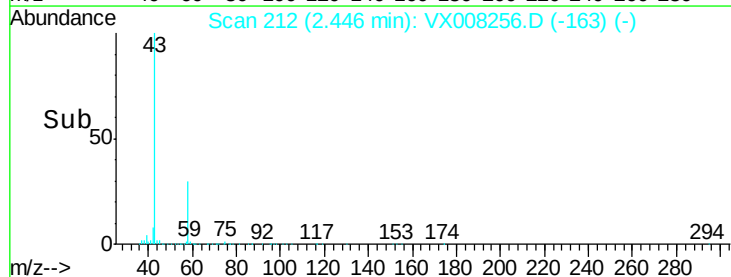
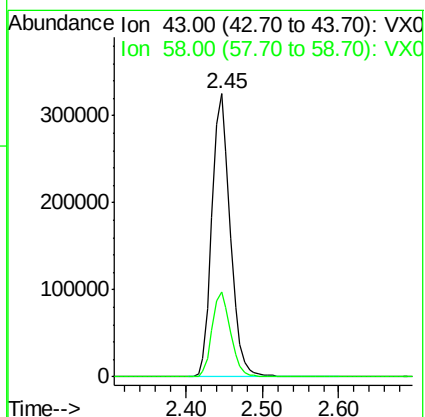
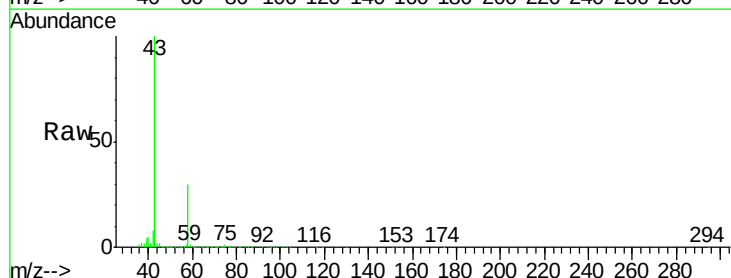
Acq: 20 Mar 2019 21:03

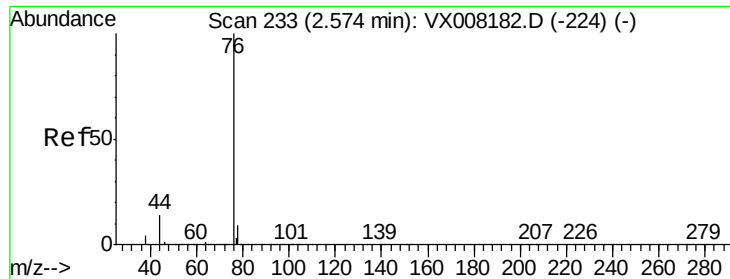
Tgt Ion: 43 Resp: 539004

Ion Ratio Lower Upper

43 100

58 29.8 25.5 38.3

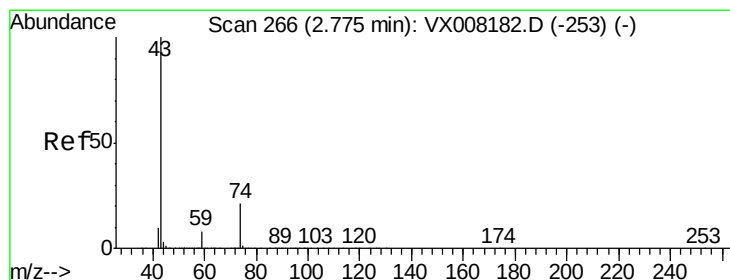
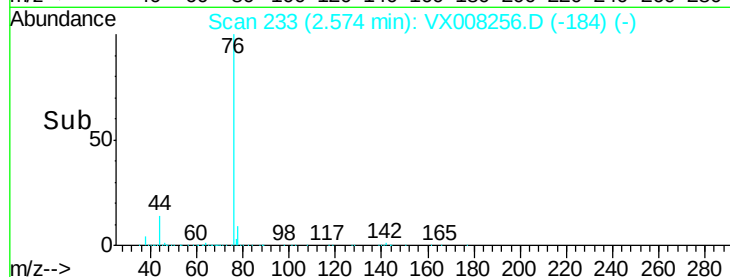
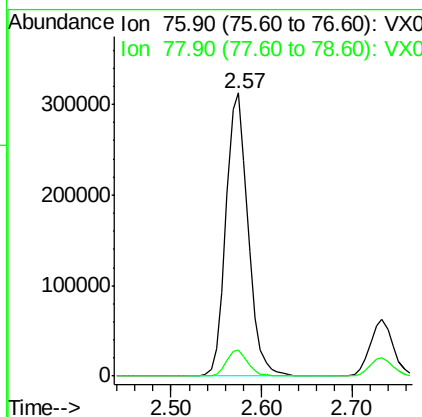
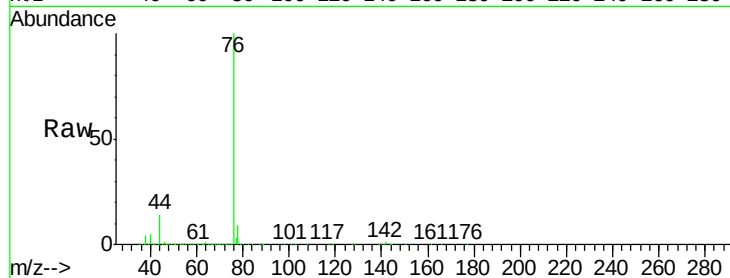




#17
Carbon Disulfide
Concen: 46.958 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.00 min
Lab File: VX008256.D
Acq: 20 Mar 2019 21:03

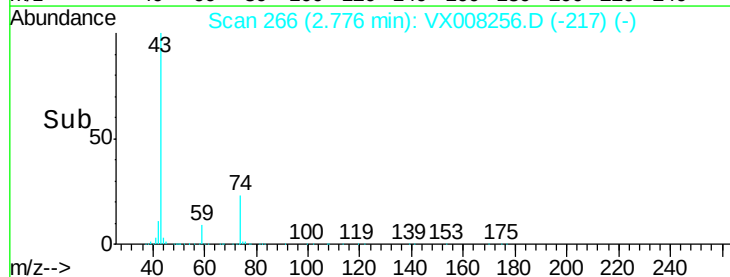
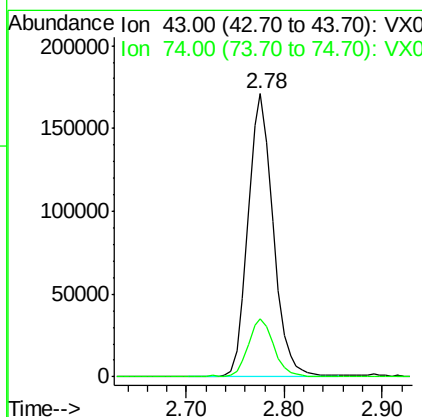
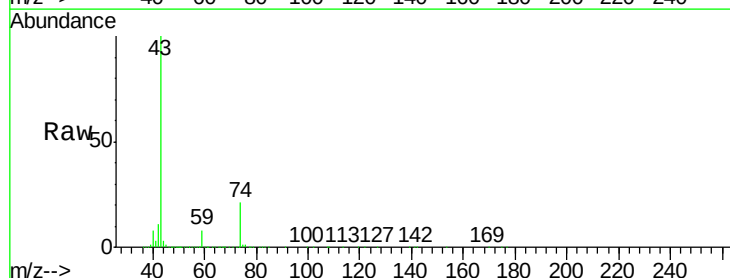
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

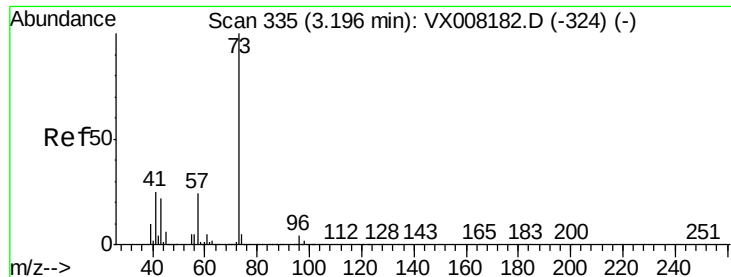
Tot Ion: 76 Resp: 529479
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 53.942 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX008256.D
Acq: 20 Mar 2019 21:03

Tgt Ion: 43 Resp: 303964
Ion Ratio Lower Upper
43 100
74 21.4 17.8 26.6



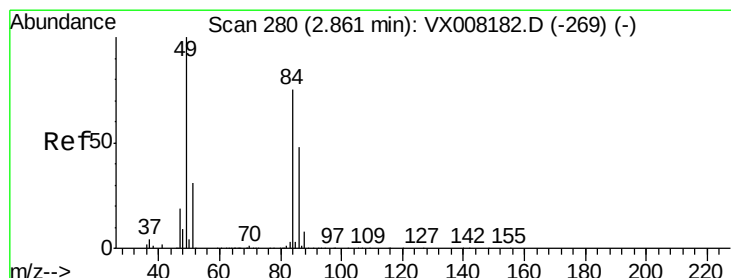
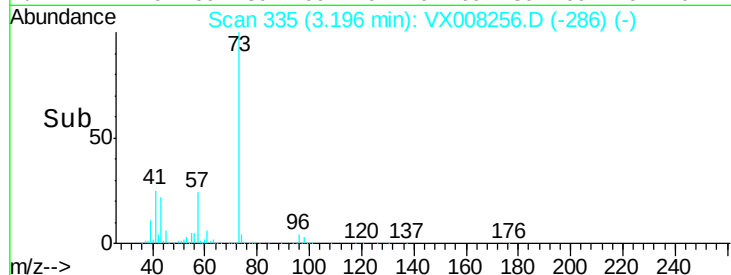
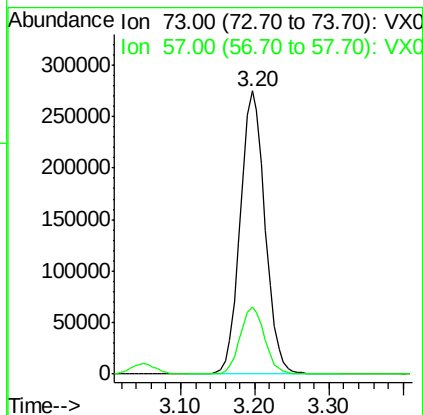
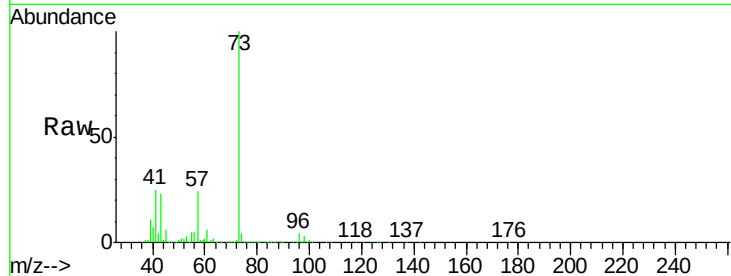


#19

Methyl tert-butyl Ether
 Concen: 51.367 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.00 min
 Lab File: VX008256.D
 Acq: 20 Mar 2019 21:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

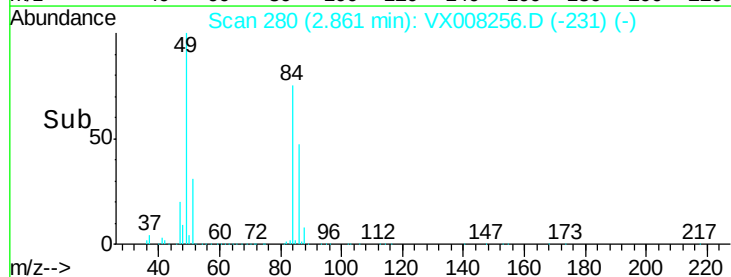
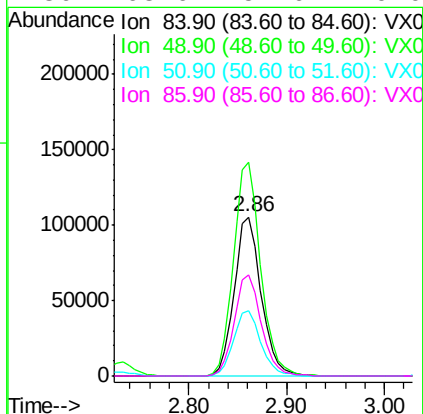
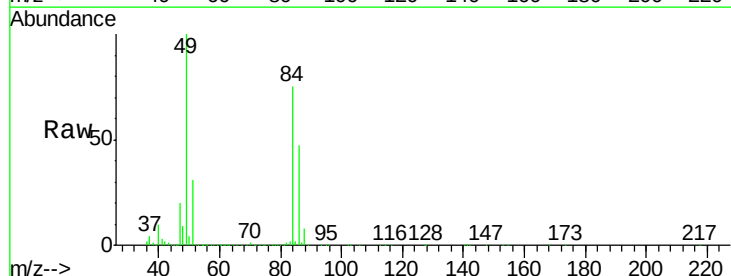
Tot Ion: 73 Resp: 642150
 Ion Ratio Lower Upper
 73 100
 57 23.9 18.2 27.4

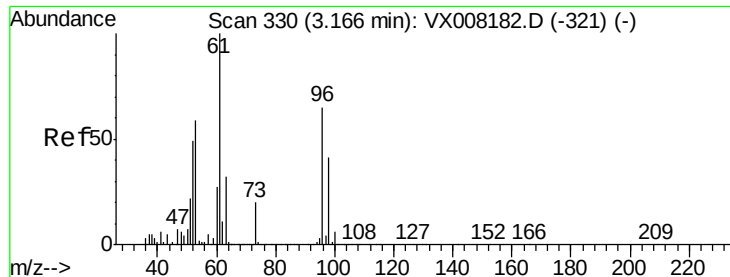


#20

Methylene Chloride
 Concen: 49.632 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX008256.D
 Acq: 20 Mar 2019 21:03

Tgt Ion: 84 Resp: 201445
 Ion Ratio Lower Upper
 84 100
 49 134.0 99.3 148.9
 51 41.2 31.3 46.9
 86 63.6 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 49.445 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

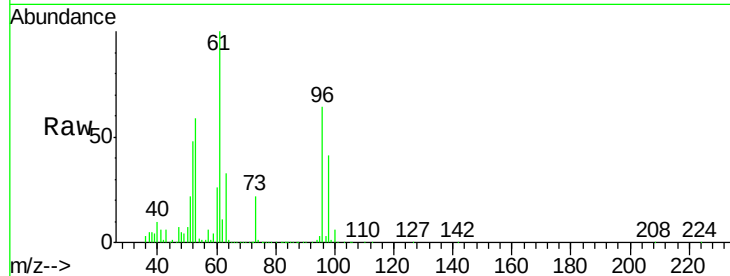
Tot Ion: 96 Resp: 184682

Ion Ratio Lower Upper

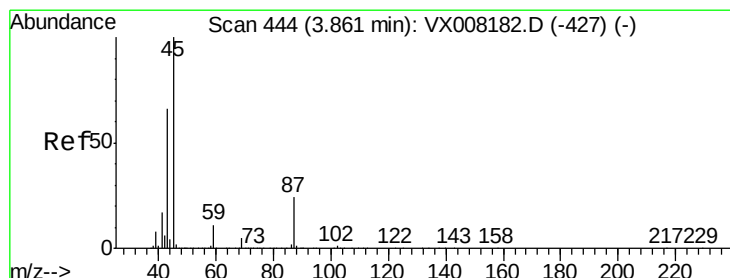
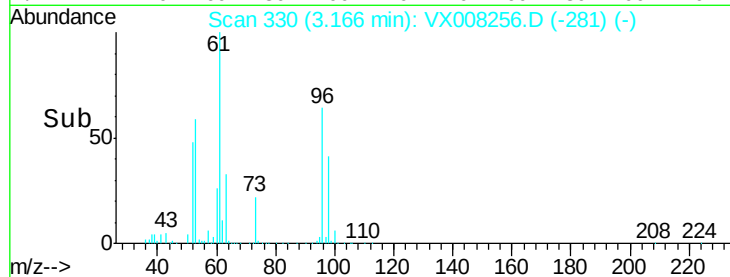
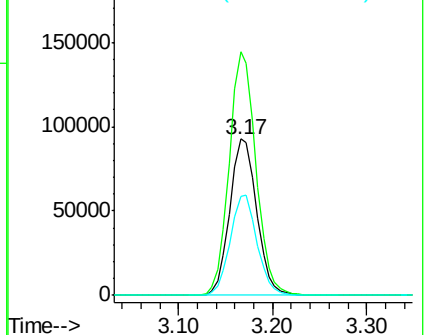
96 100

61 155.9 114.4 171.6

98 63.7 51.1 76.7



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: 51.731 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.00 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

Tgt Ion: 45 Resp: 762542

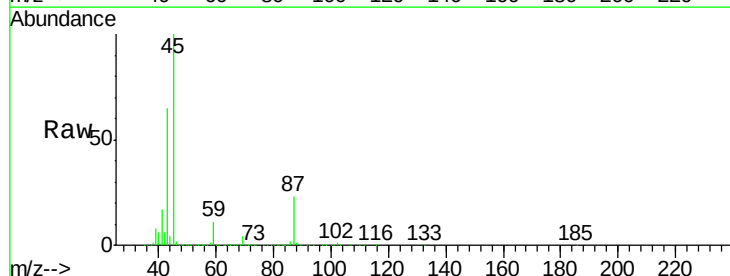
Ion Ratio Lower Upper

45 100

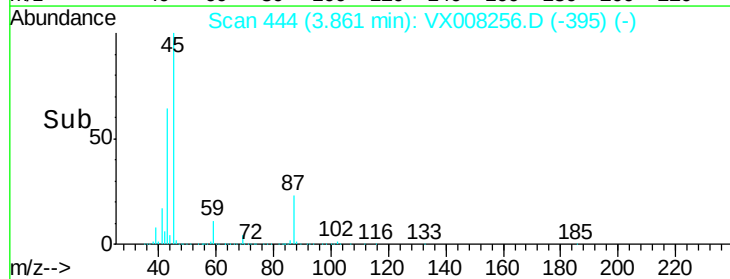
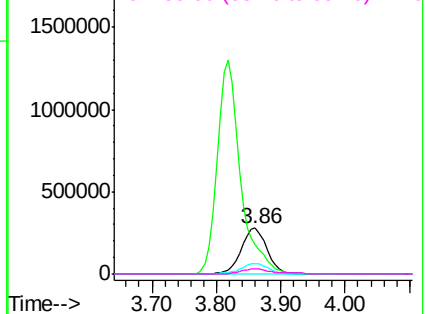
43 64.4 45.3 67.9

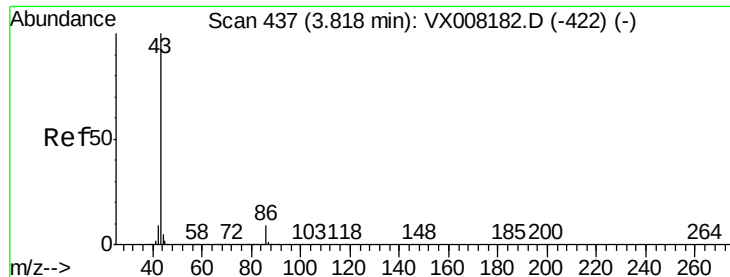
87 23.5 21.4 32.0

59 11.2 9.5 14.3



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: 262.155 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

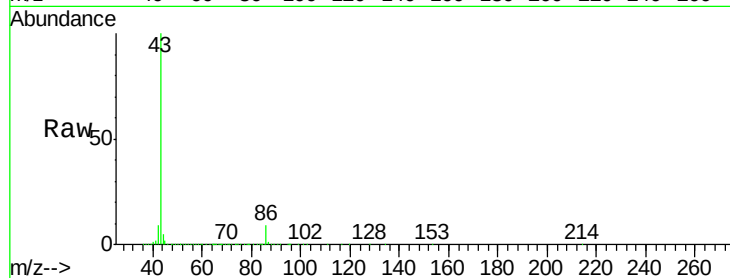
VSTDCCC050EC

Tot Ion: 43 Resp: 3313069

Ion Ratio Lower Upper

43 100

86 9.1 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

1500000

1000000

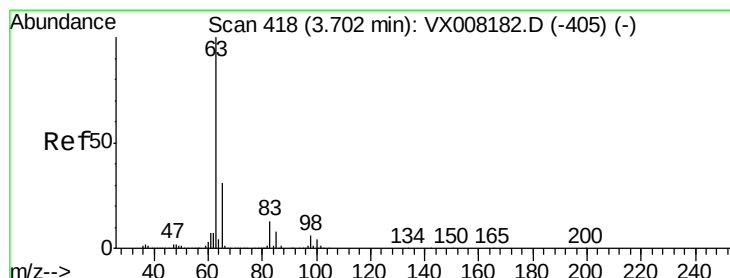
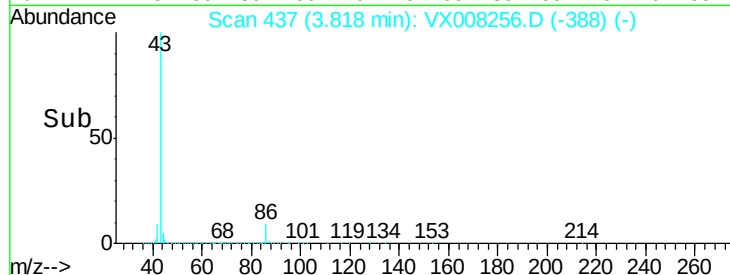
500000

0

3.82

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 50.353 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.00 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

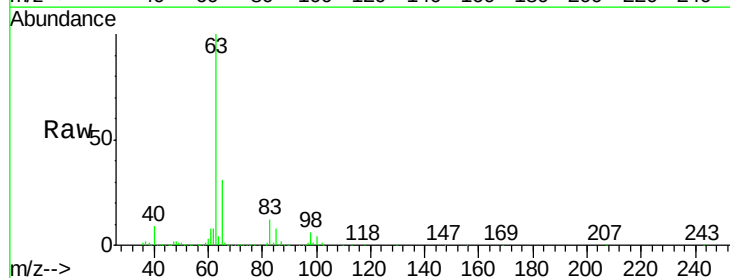
Tgt Ion: 63 Resp: 381751

Ion Ratio Lower Upper

63 100

98 5.9 3.3 9.8

100 4.1 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

200000

150000

100000

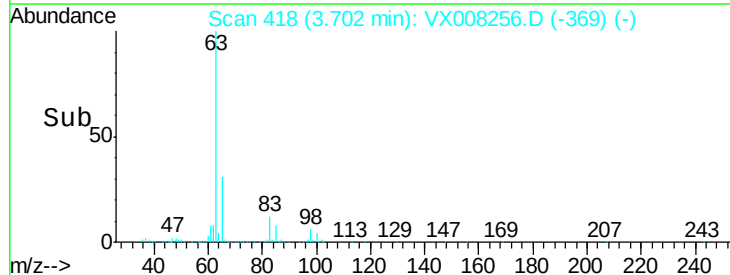
50000

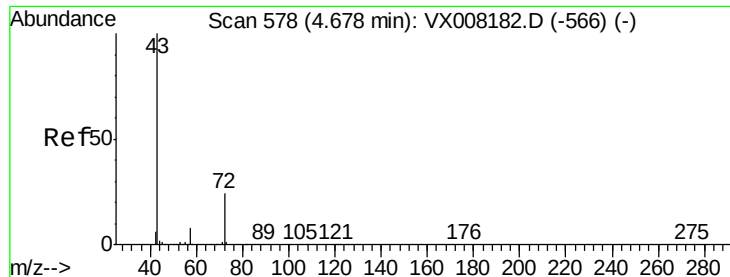
0

3.70

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 249.690 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

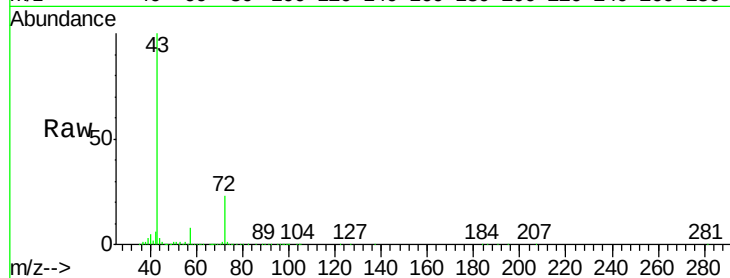
VSTDCCC050EC

Tot Ion: 43 Resp: 897132

Ion Ratio Lower Upper

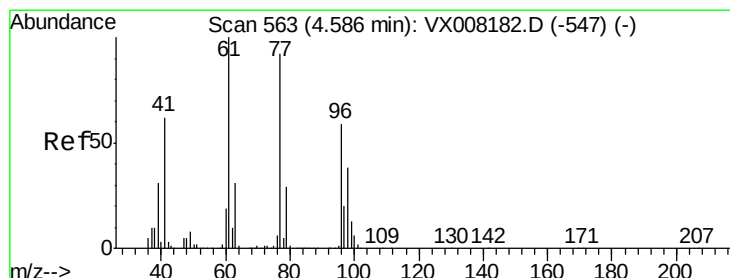
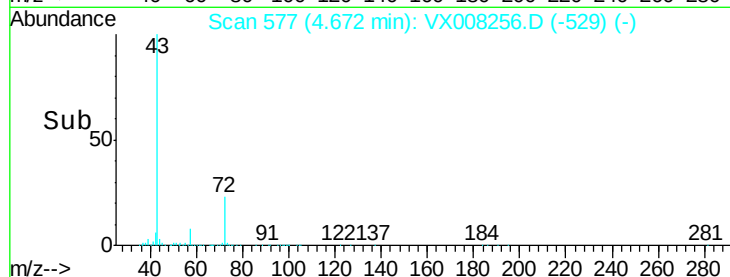
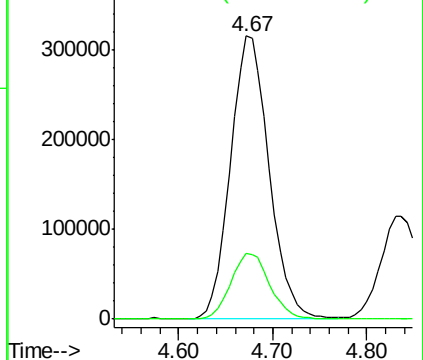
43 100

72 23.2 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 45.057 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX008256.D

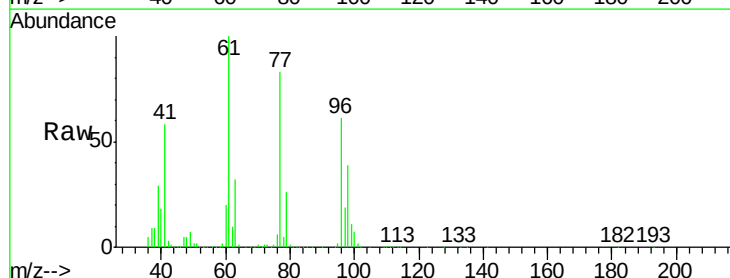
Acq: 20 Mar 2019 21:03

Tgt Ion: 77 Resp: 257332

Ion Ratio Lower Upper

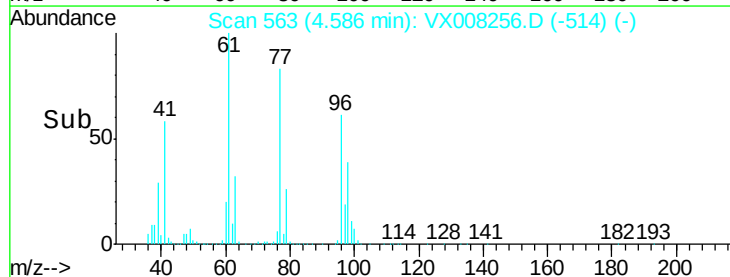
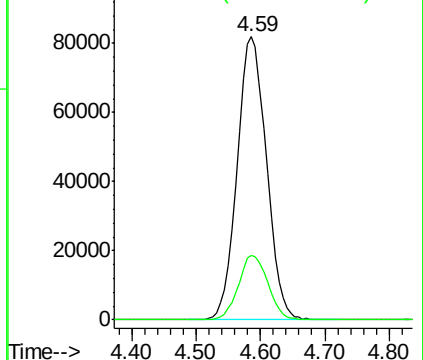
77 100

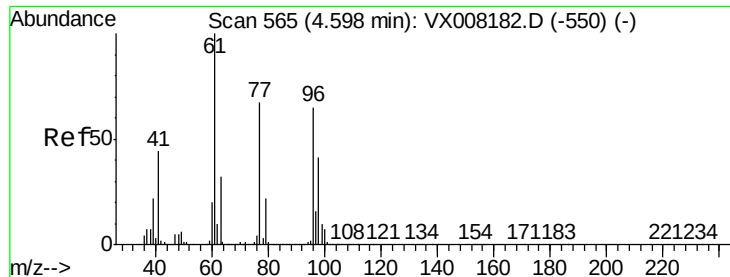
97 23.0 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

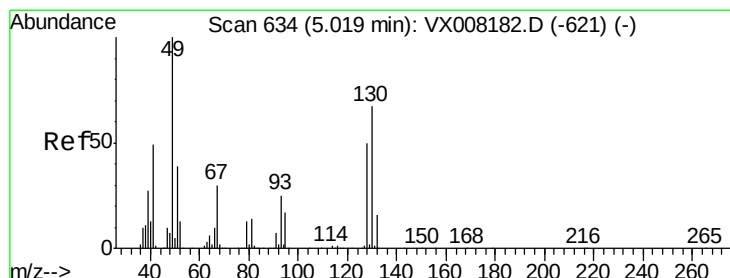
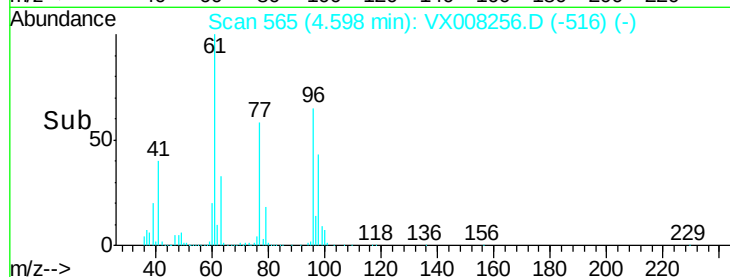
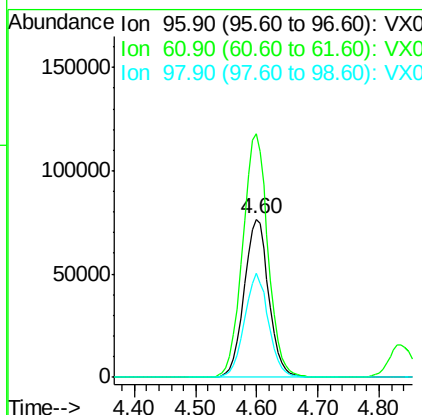
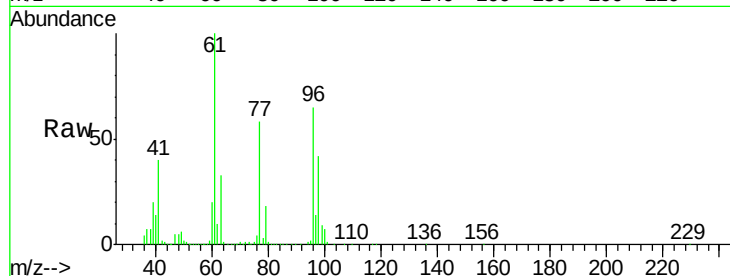




#27
 cis-1,2-Dichloroethene
 Concen: 50.268 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX008256.D
 Acq: 20 Mar 2019 21:03

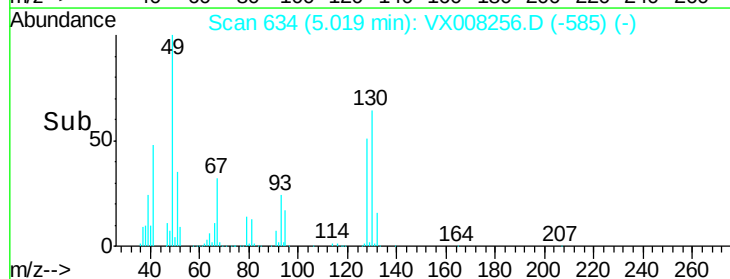
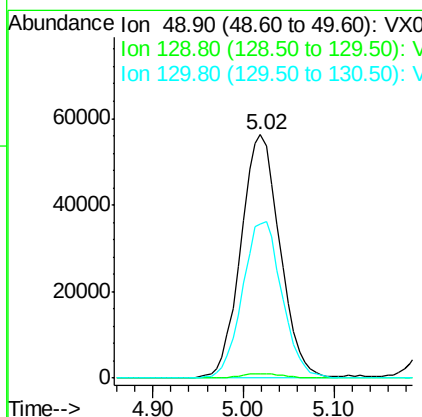
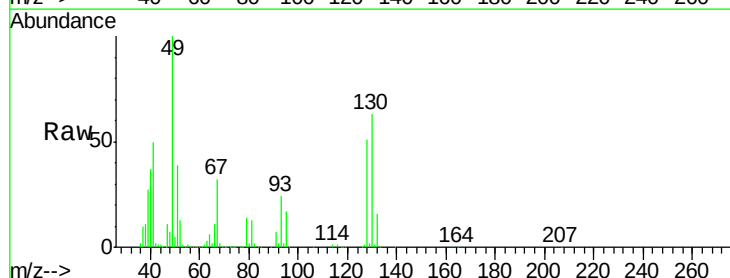
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

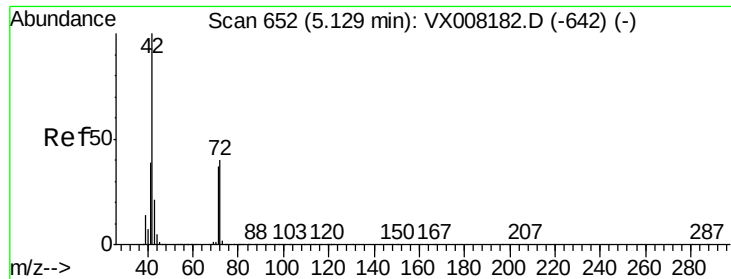
Tot Ion	96	Resp	214040
Ion Ratio	Lower	Upper	
96	100		
61	158.1	0.0	288.0
98	64.2	0.0	129.0



#28
 Bromochloromethane
 Concen: 49.139 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX008256.D
 Acq: 20 Mar 2019 21:03

Tgt Ion	49	Resp	167283
Ion Ratio	Lower	Upper	
49	100		
129	2.0	0.0	4.0
130	65.4	65.0	97.4

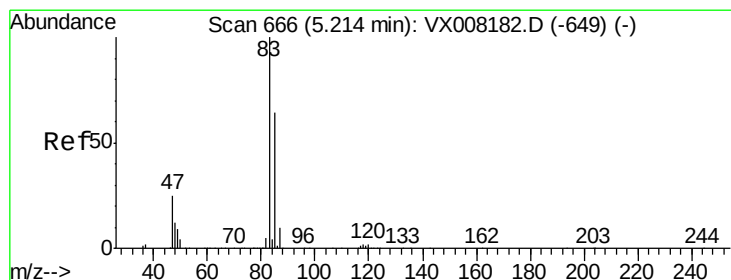
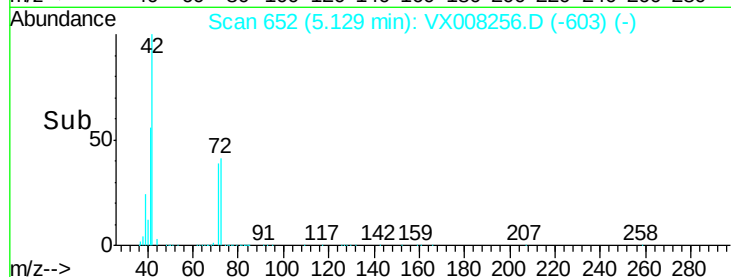
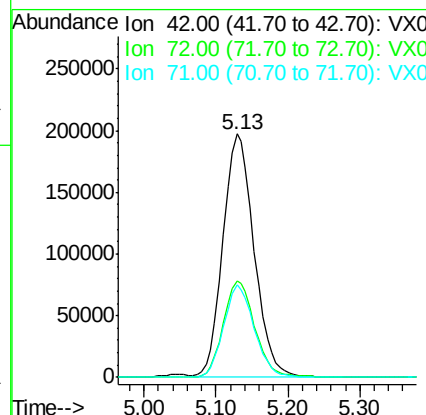
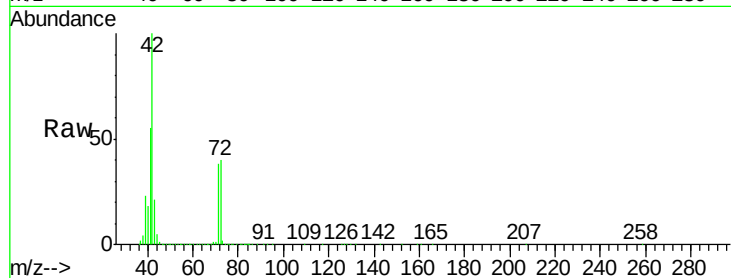




#29
Tetrahydrofuran
Concen: 263.212 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX008256.D
Acq: 20 Mar 2019 21:03

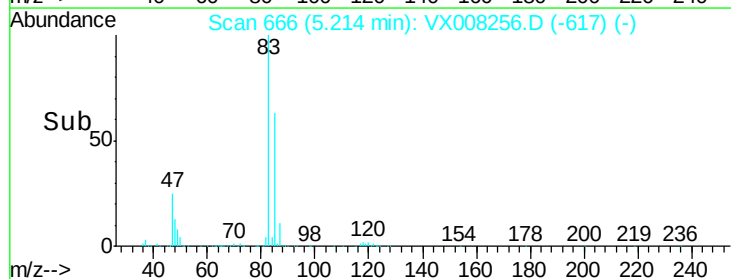
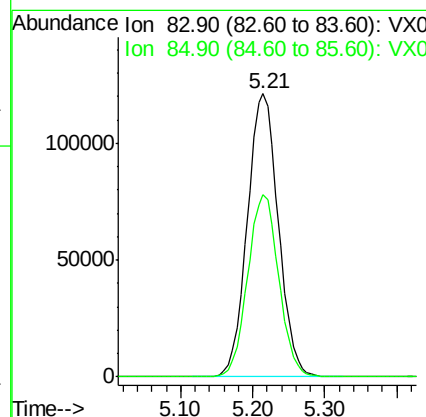
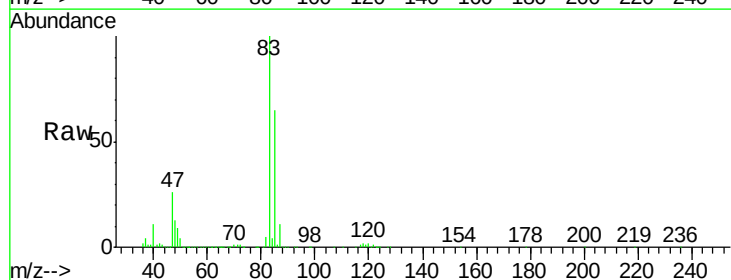
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

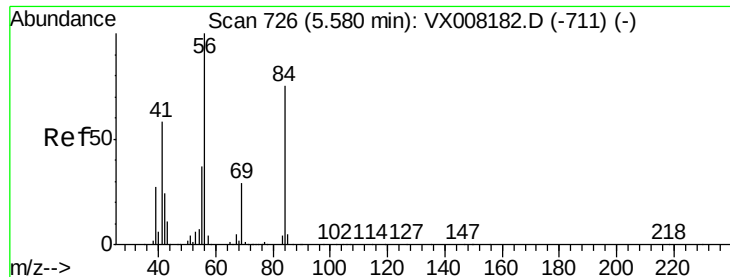
Tot Ion: 42 Resp: 591195
Ion Ratio Lower Upper
42 100
72 40.4 33.8 50.6
71 37.6 31.5 47.3



#30
Chloroform
Concen: 51.076 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX008256.D
Acq: 20 Mar 2019 21:03

Tgt Ion: 83 Resp: 362219
Ion Ratio Lower Upper
83 100
85 64.5 51.8 77.6

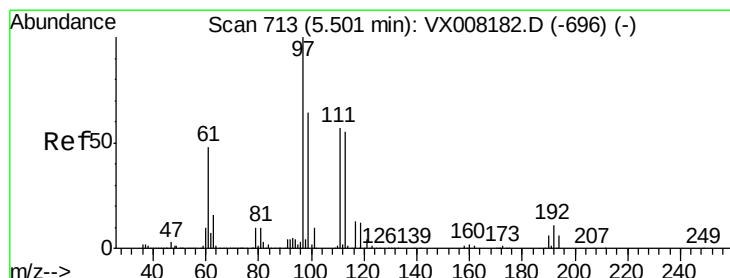
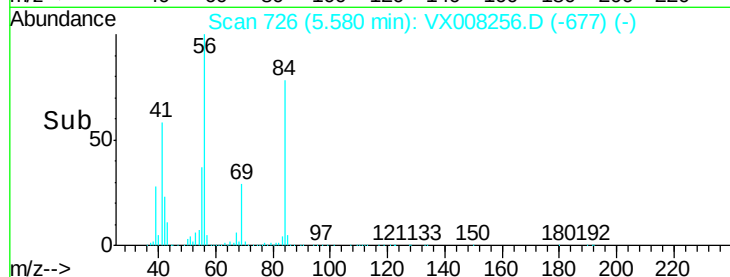
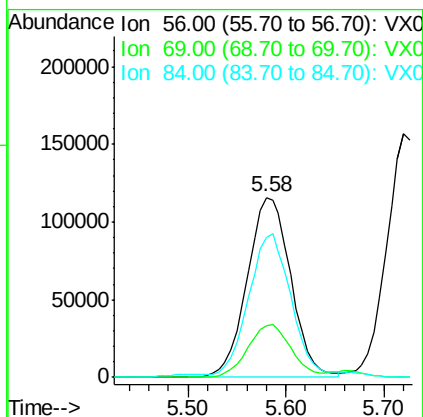
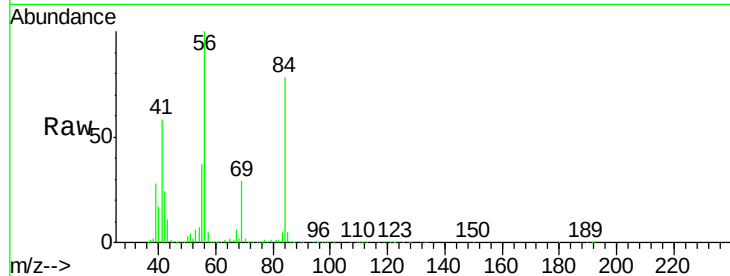




#31
Cyclohexane
Concen: 50.310 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX008256.D
Acq: 20 Mar 2019 21:03

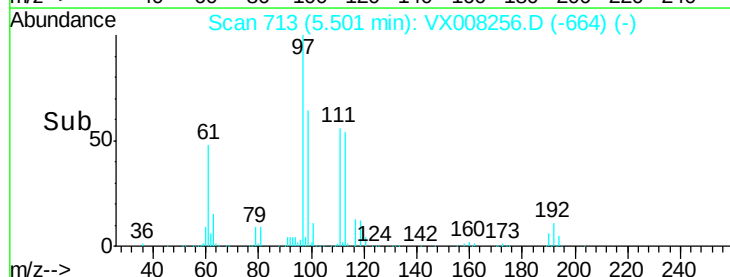
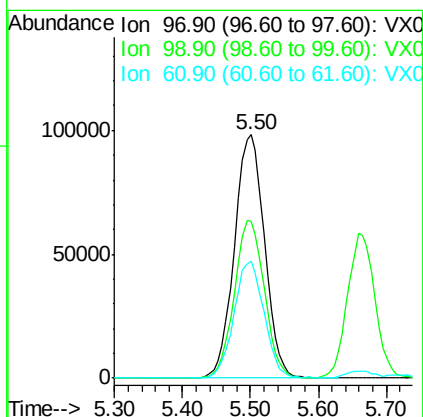
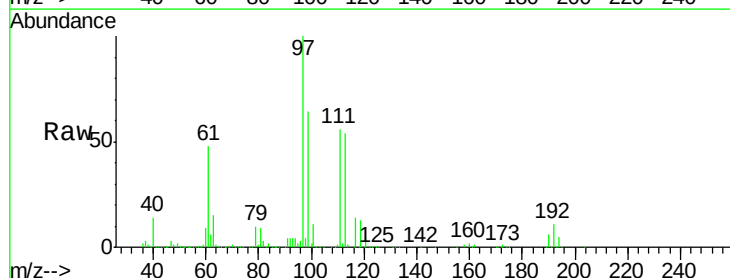
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

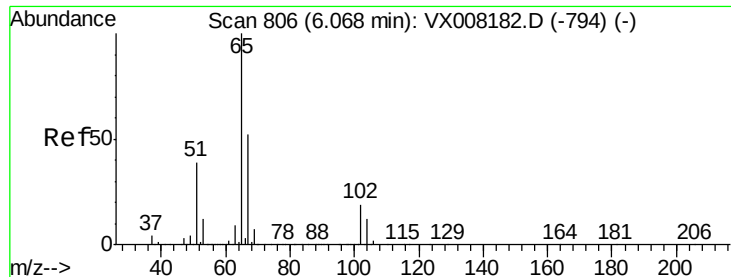
Tot Ion: 56 Resp: 358166
Ion Ratio Lower Upper
56 100
69 28.7 24.0 36.0
84 76.5 65.3 97.9



#32
1,1,1-Trichloroethane
Concen: 51.383 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX008256.D
Acq: 20 Mar 2019 21:03

Tgt Ion: 97 Resp: 303125
Ion Ratio Lower Upper
97 100
99 64.3 52.2 78.2
61 47.7 34.9 52.3

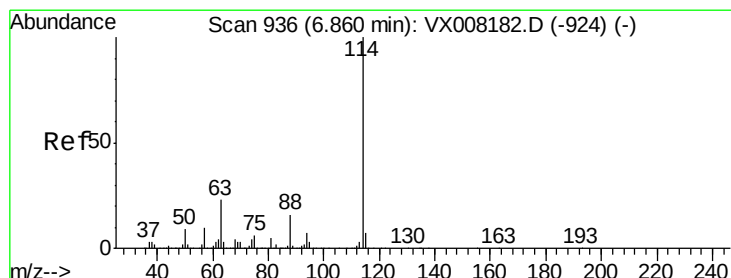
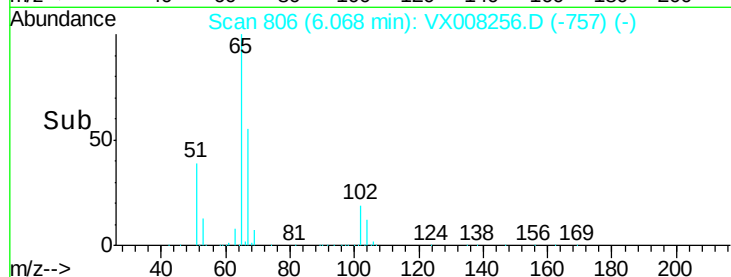
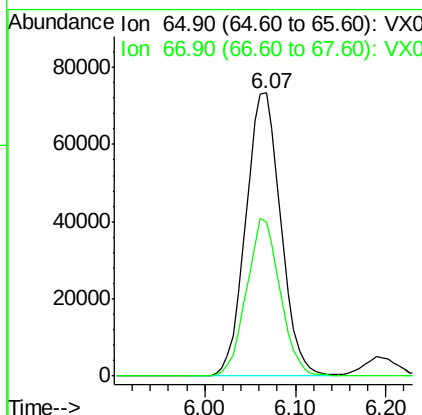
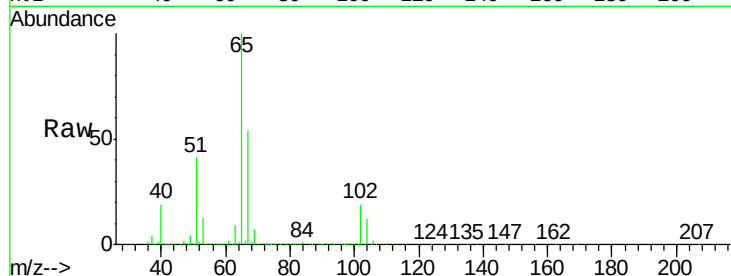




#33
 1,2-Dichloroethane-d4
 Concen: 45.607 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX008256.D
 Acq: 20 Mar 2019 21:03

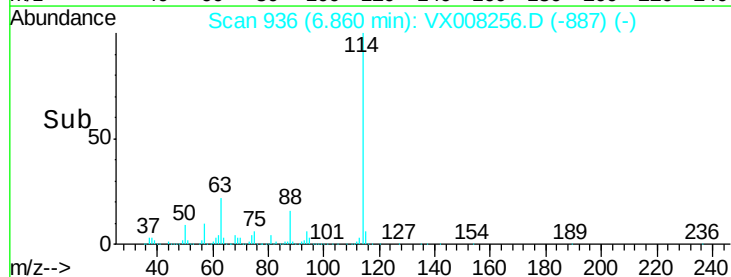
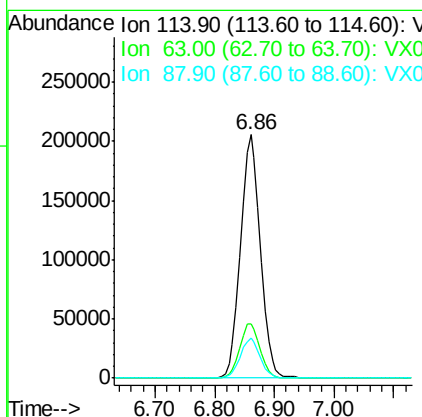
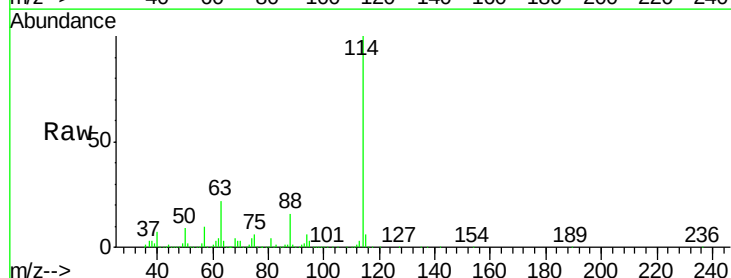
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

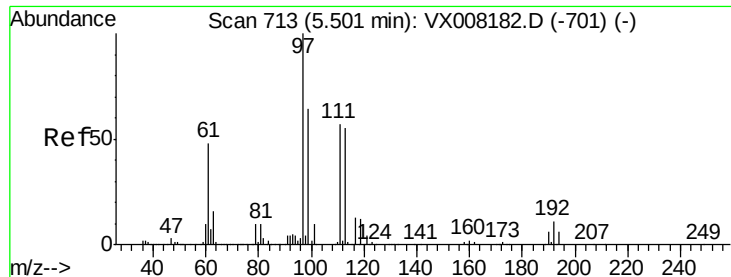
Tot Ion: 65 Resp: 195728
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008256.D
 Acq: 20 Mar 2019 21:03

Tgt Ion: 114 Resp: 477570
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 39.8
 88 16.3 0.0 31.4





#35

Dibromofluoromethane

Concen: 46.962 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

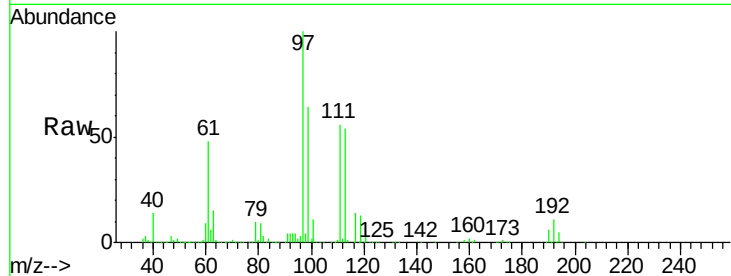
Tot Ion:113 Resp: 150139

Ion Ratio Lower Upper

113 100

111 103.0 81.4 122.0

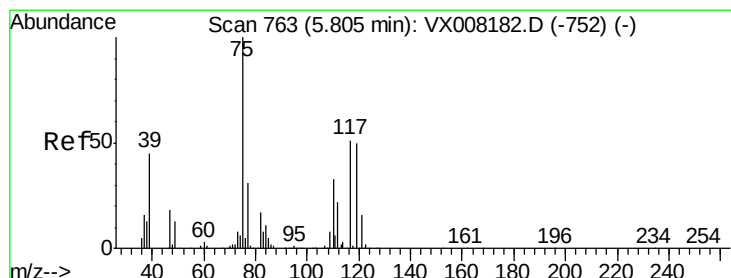
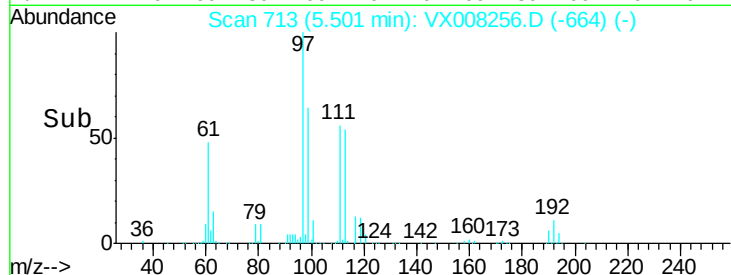
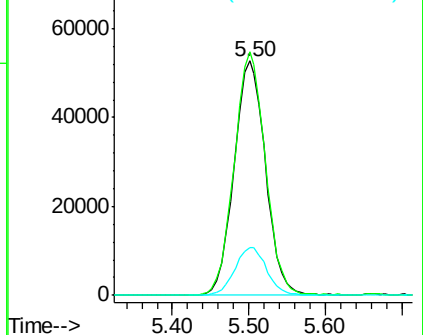
192 20.8 19.4 29.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.509 ug/l

RT: 5.81 min Scan# 763

Delta R.T. 0.00 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

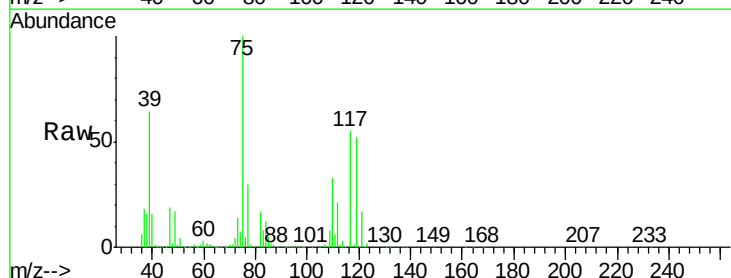
Tgt Ion: 75 Resp: 275280

Ion Ratio Lower Upper

75 100

110 33.5 18.4 55.0

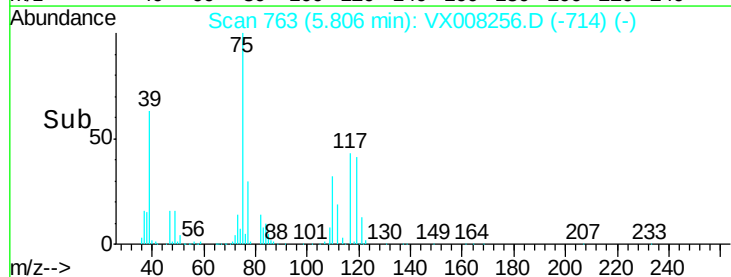
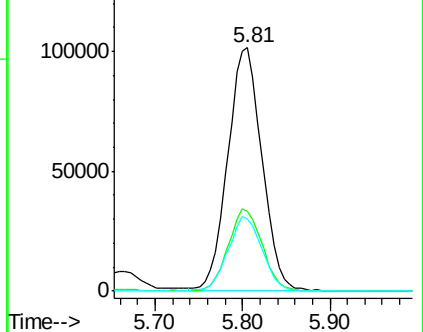
77 30.3 25.0 37.4

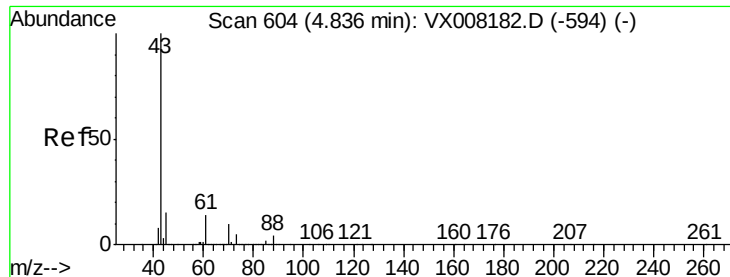


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

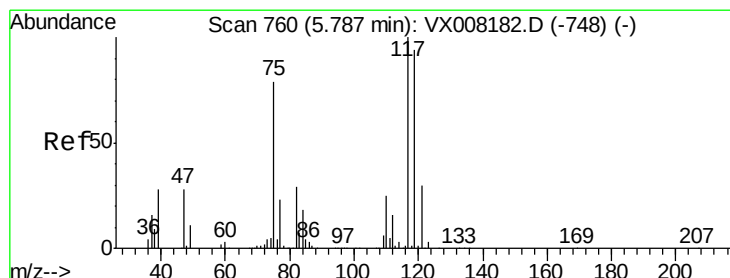
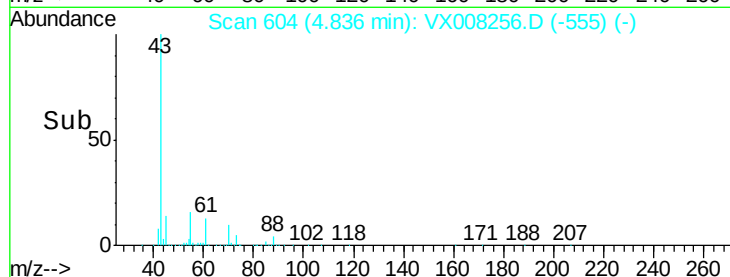
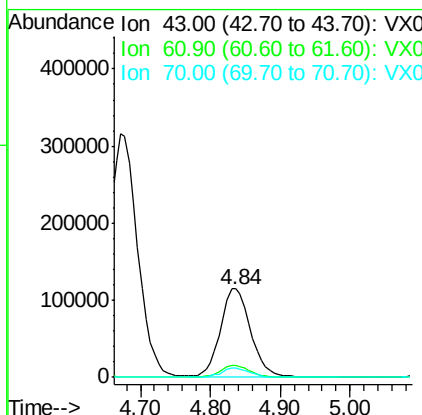
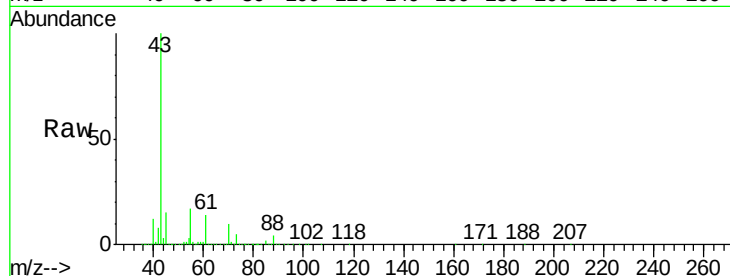




#37
Ethyl Acetate
Concen: 52.218 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX008256.D
Acq: 20 Mar 2019 21:03

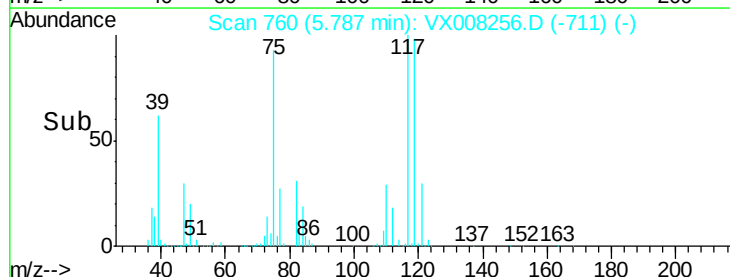
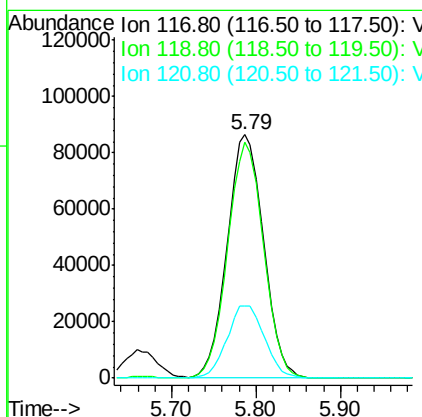
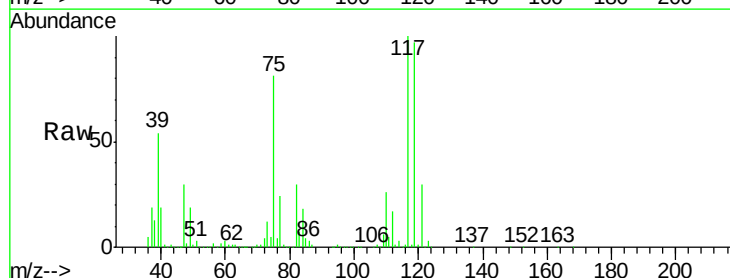
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

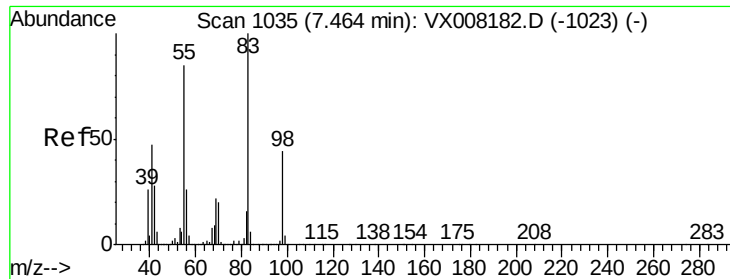
Tot Ion: 43 Resp: 343217
Ion Ratio Lower Upper
43 100
61 13.0 11.3 16.9
70 9.5 8.5 12.7



#38
Carbon Tetrachloride
Concen: 51.150 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX008256.D
Acq: 20 Mar 2019 21:03

Tgt Ion: 117 Resp: 253402
Ion Ratio Lower Upper
117 100
119 96.8 76.2 114.2
121 29.7 24.6 36.8

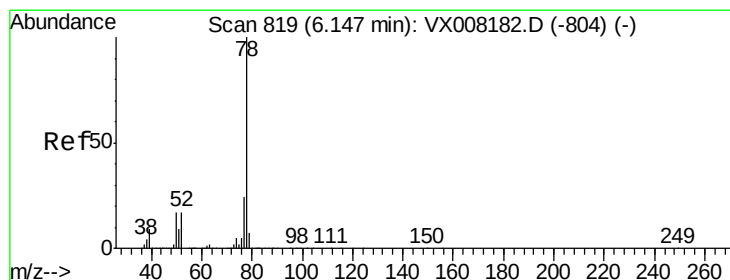
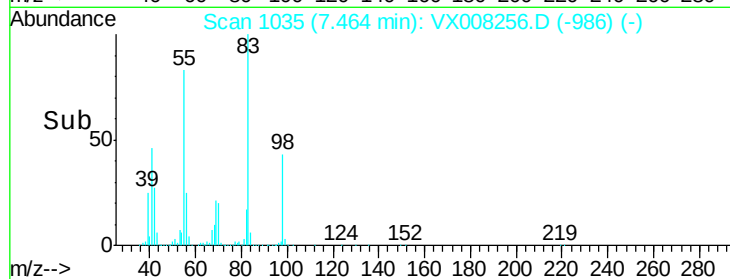
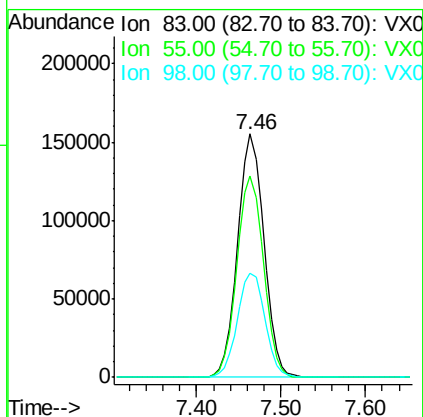
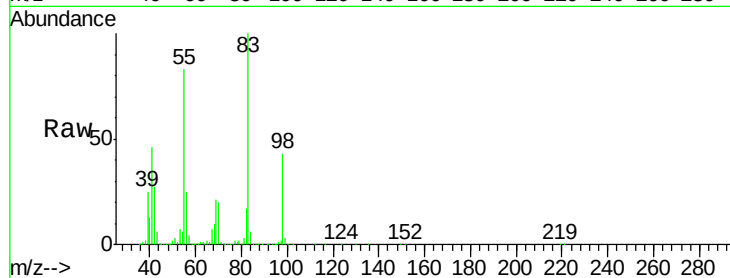




#39
Methylvlcyclohexane
Concen: 48.823 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX008256.D
Acq: 20 Mar 2019 21:03

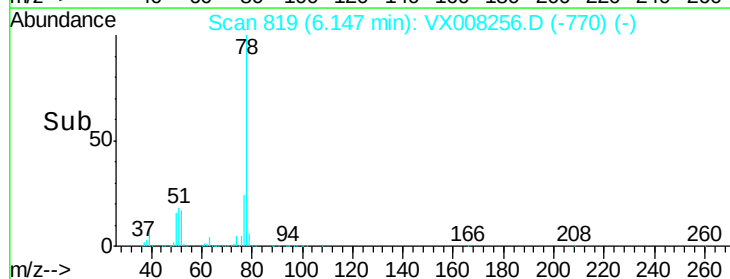
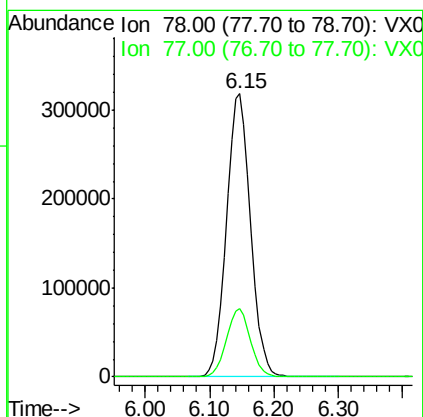
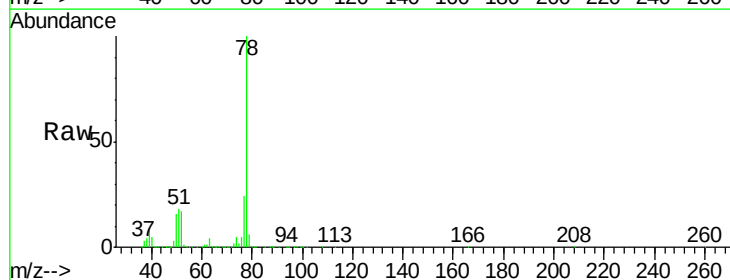
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

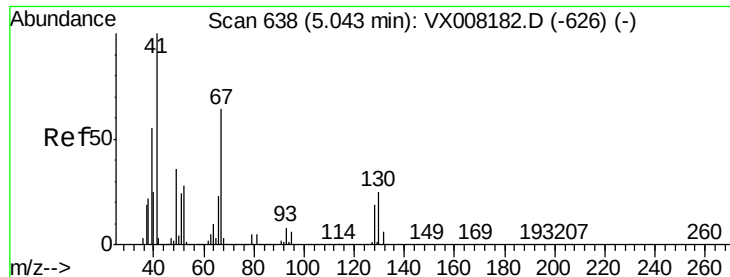
Tot Ion: 83 Resp: 326678
Ion Ratio Lower Upper
83 100
55 82.5 60.4 90.6
98 42.9 36.5 54.7



#40
Benzene
Concen: 50.937 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.00 min
Lab File: VX008256.D
Acq: 20 Mar 2019 21:03

Tgt Ion: 78 Resp: 838268
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.4

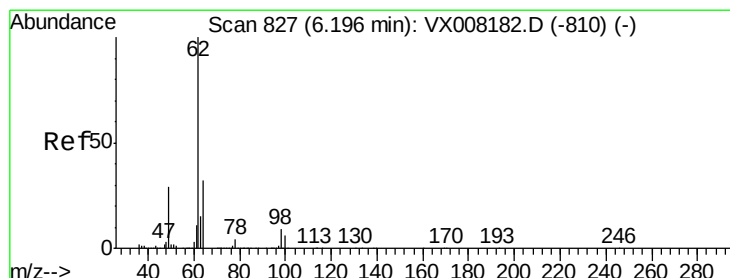
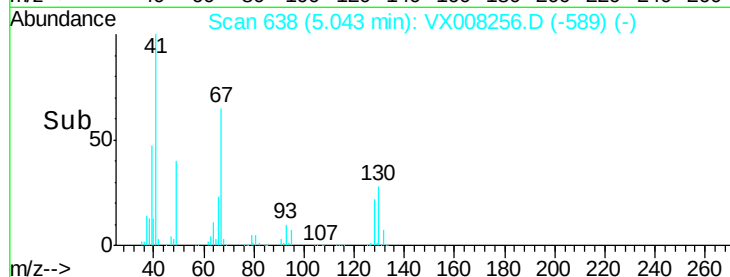
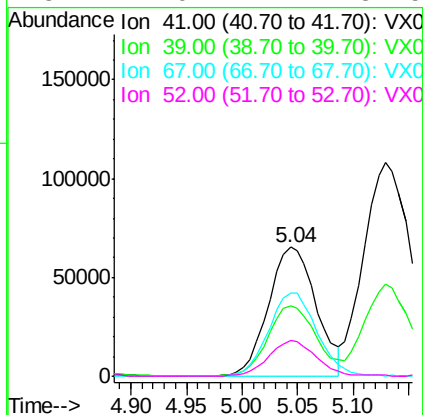
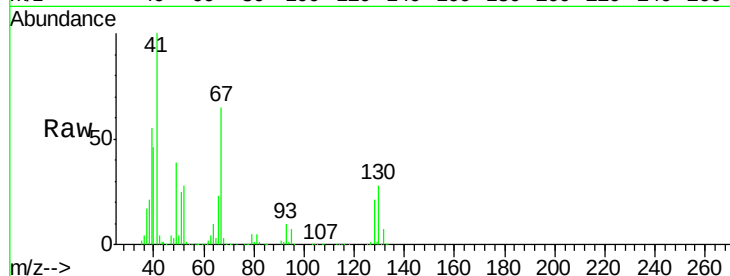




#41
Methacrylonitrile
Concen: 52.870 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX008256.D
Acq: 20 Mar 2019 21:03

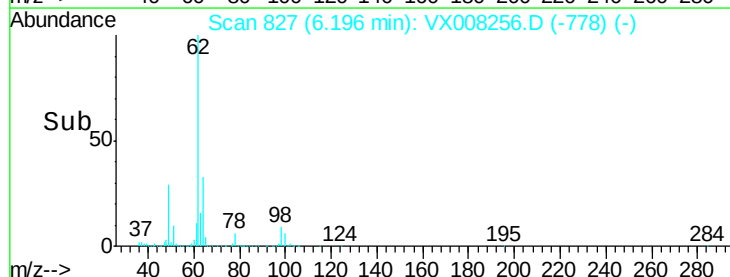
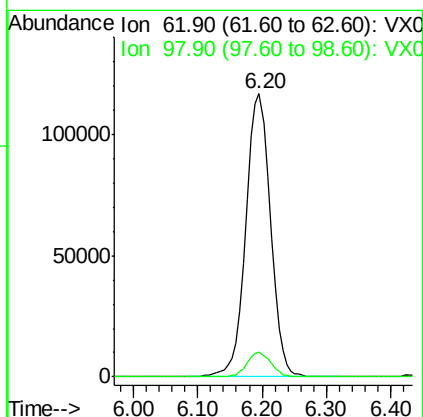
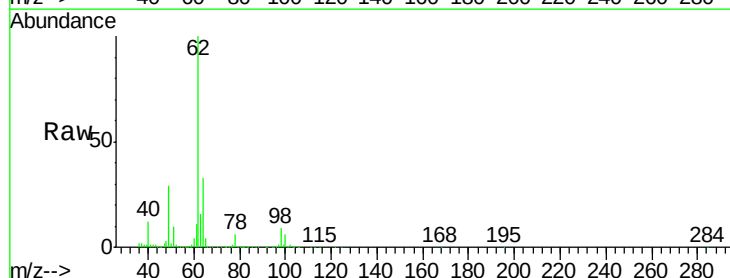
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

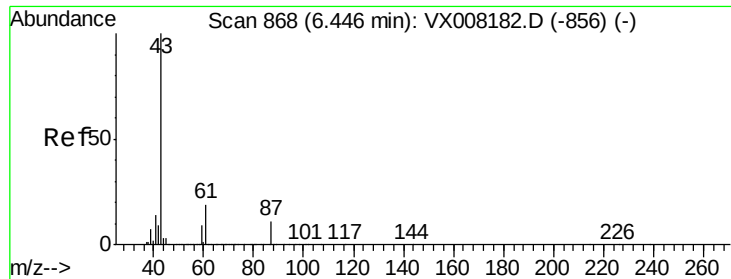
Tot Ion:	41	Resp:	194923
Ion	Ratio	Lower	Upper
41	100		
39	56.3	41.6	62.4
67	65.7	55.8	83.6
52	27.0	21.7	32.5



#42
1,2-Dichloroethane
Concen: 50.808 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX008256.D
Acq: 20 Mar 2019 21:03

Tgt Ion:	62	Resp:	306306
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	20.4





#43

Isopropyl Acetate

Concen: 52.101 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

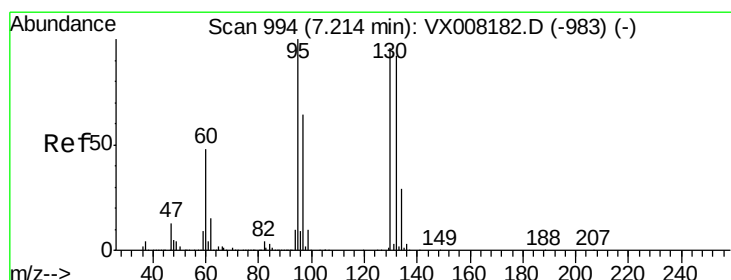
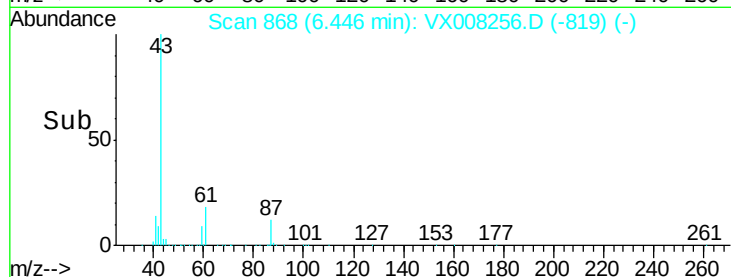
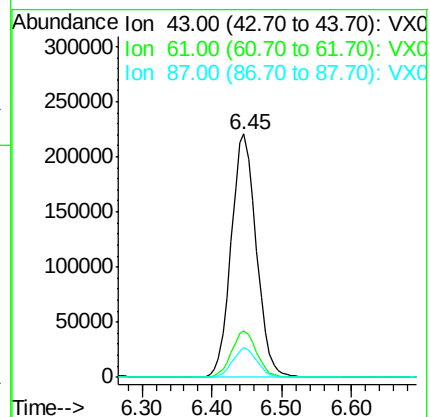
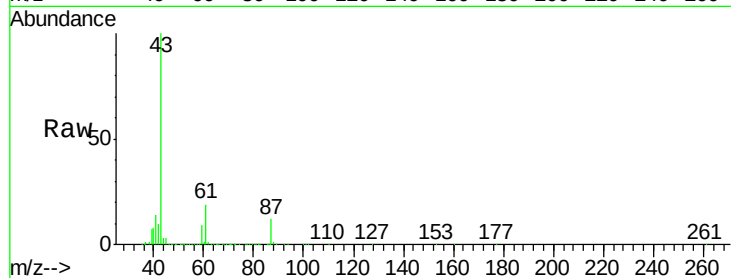
Tot Ion: 43 Resp: 548899

Ion Ratio Lower Upper

43 100

61 19.2 16.3 24.5

87 11.9 10.5 15.7



#44

Trichloroethene

Concen: 49.258 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX008256.D

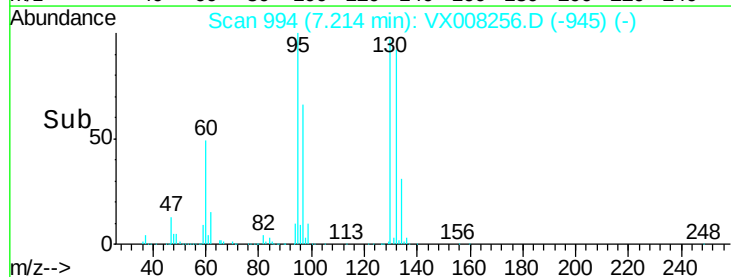
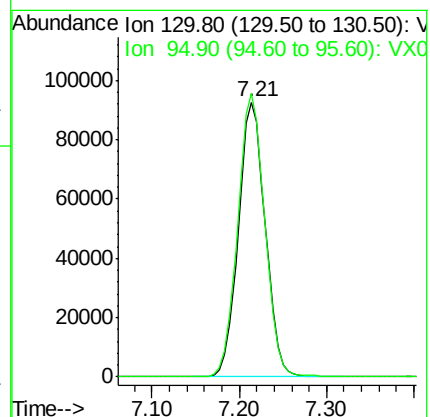
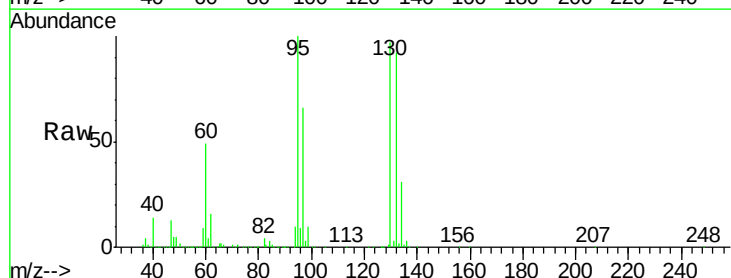
Acq: 20 Mar 2019 21:03

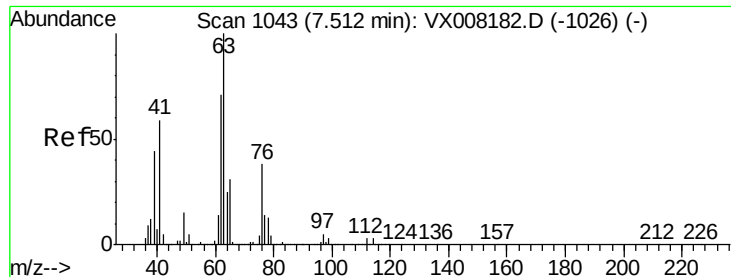
Tgt Ion:130 Resp: 198209

Ion Ratio Lower Upper

130 100

95 103.0 0.0 188.0





#45

1,2-Dichloropropane

Concen: 50.268 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

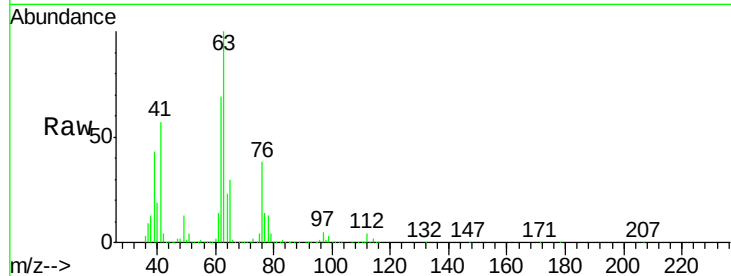
VSTDCCC050EC

Tot Ion: 63 Resp: 231582

Ion Ratio Lower Upper

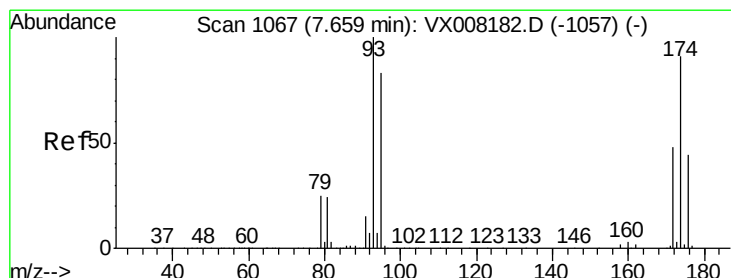
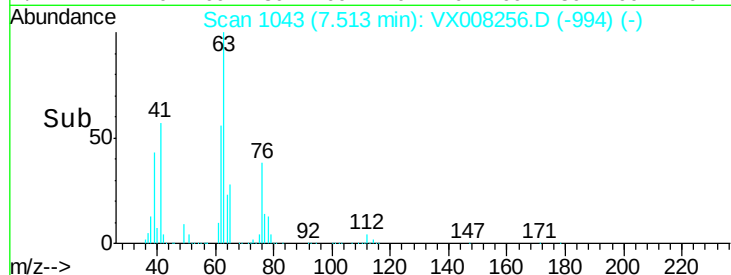
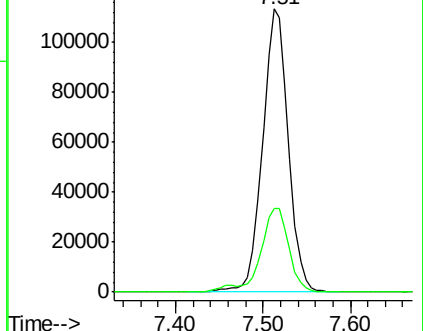
63 100

65 29.7 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 49.924 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

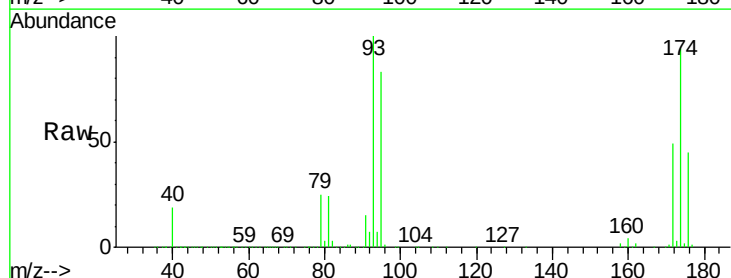
Tgt Ion: 93 Resp: 139255

Ion Ratio Lower Upper

93 100

95 83.8 66.8 100.2

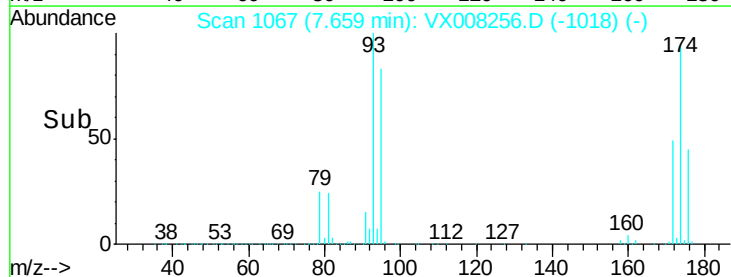
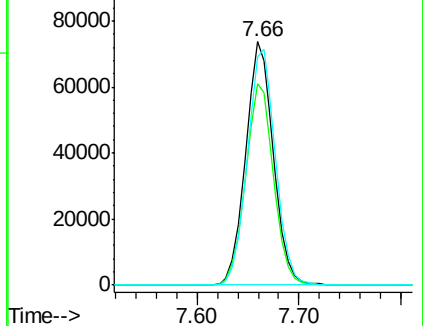
174 99.0 97.3 145.9

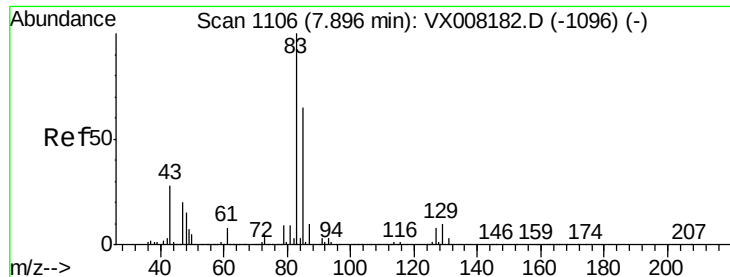


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.071 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

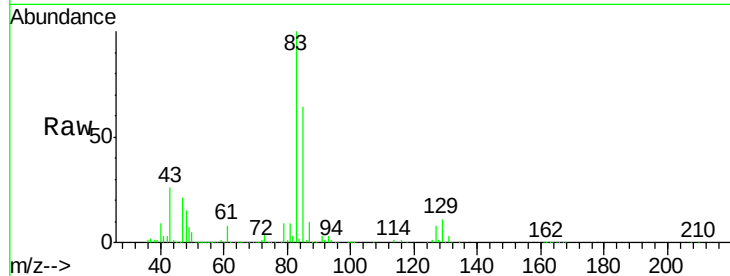
Tot Ion: 83 Resp: 276805

Ion Ratio Lower Upper

83 100

85 64.1 50.9 76.3

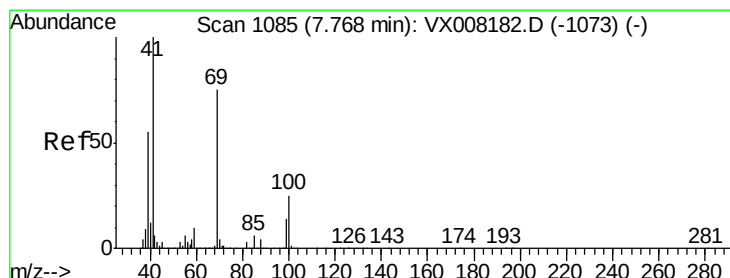
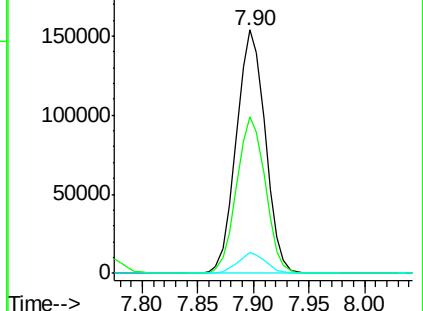
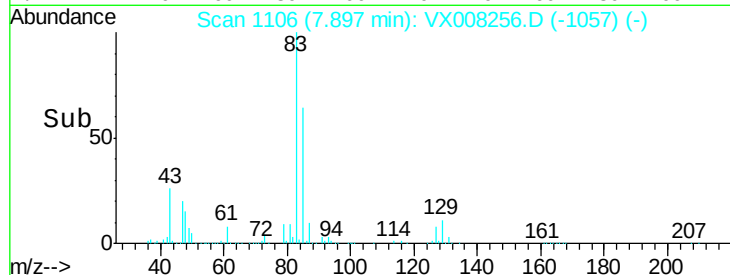
127 8.4 7.4 11.0



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: 51.741 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

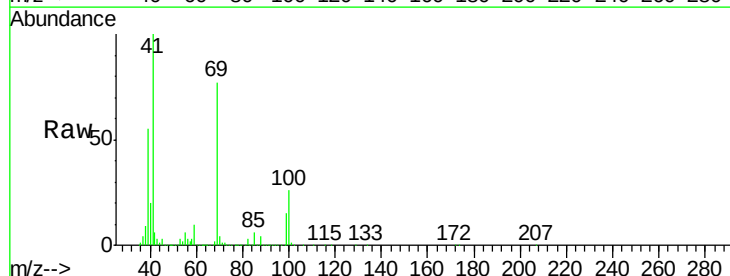
Tgt Ion: 41 Resp: 289842

Ion Ratio Lower Upper

41 100

69 76.8 65.2 97.8

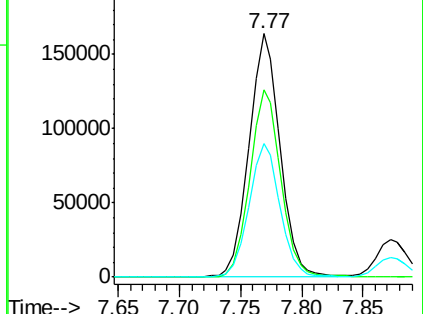
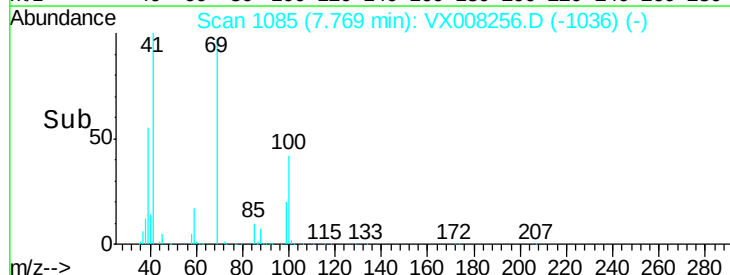
39 54.6 39.4 59.2

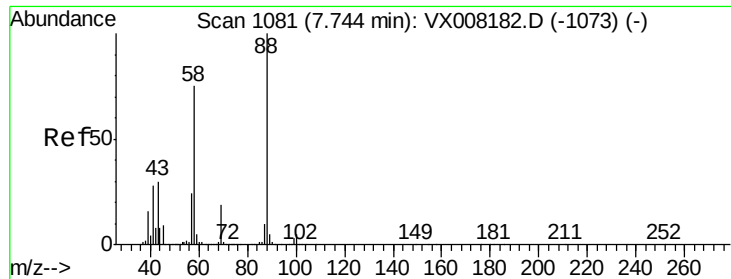


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1006.044 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.01 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

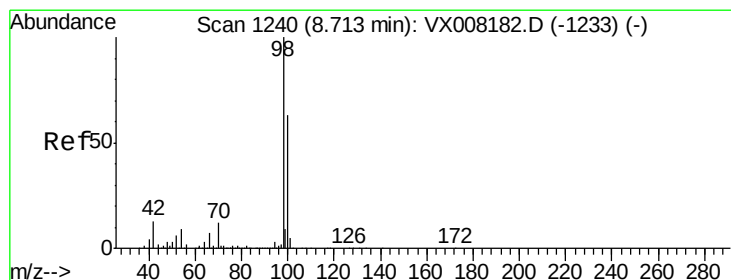
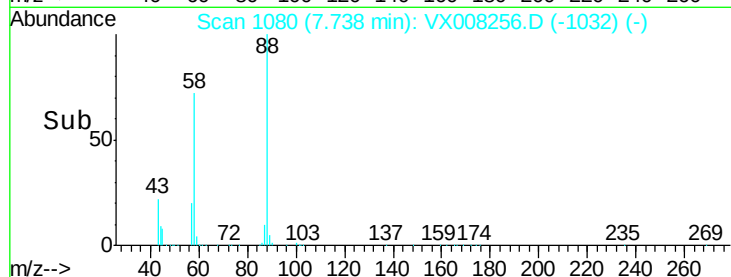
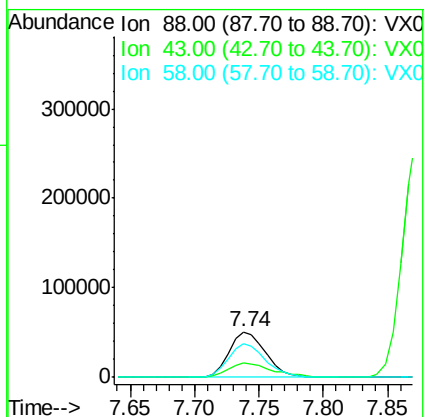
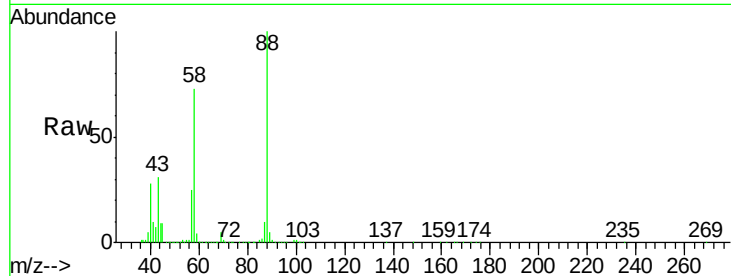
Tot Ion: 88 Resp: 99450

Ion Ratio Lower Upper

88 100

43 37.2 25.1 37.7

58 77.0 57.8 86.6



#50

Toluene-d8

Concen: 46.885 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008256.D

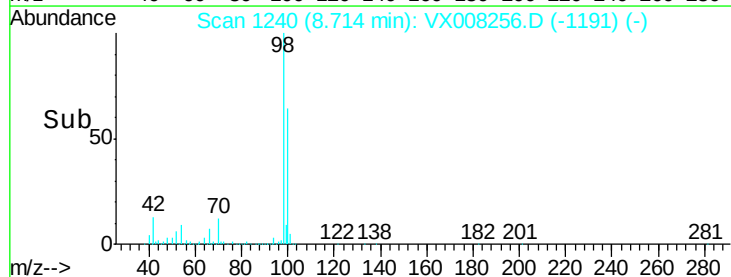
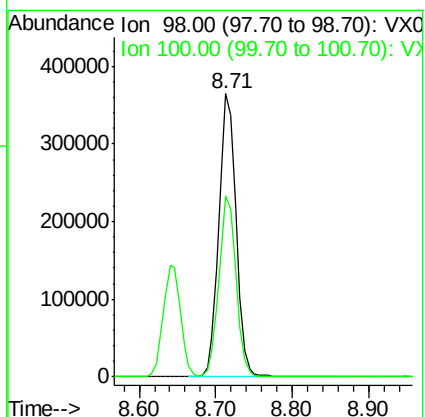
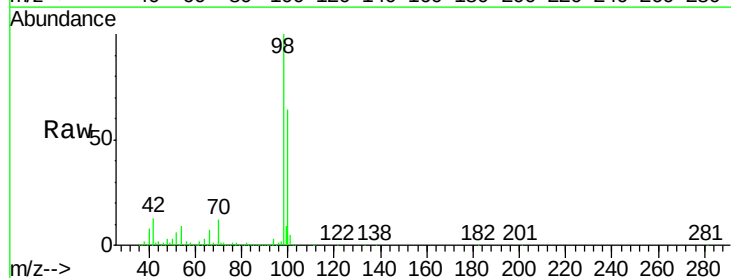
Acq: 20 Mar 2019 21:03

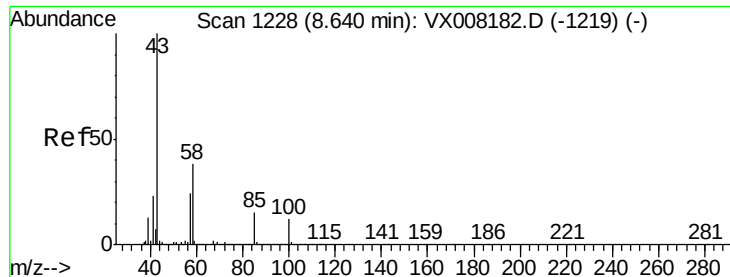
Tgt Ion: 98 Resp: 568296

Ion Ratio Lower Upper

98 100

100 63.3 51.7 77.5

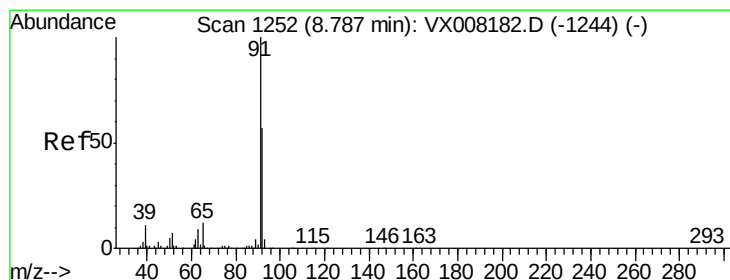
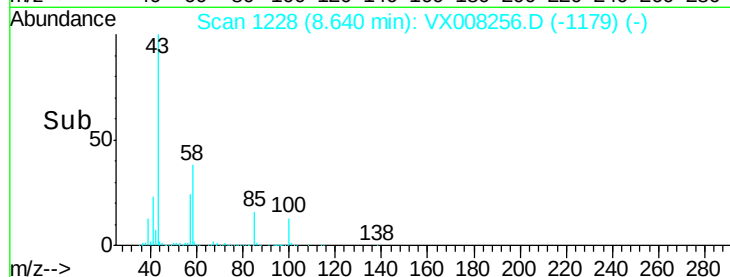
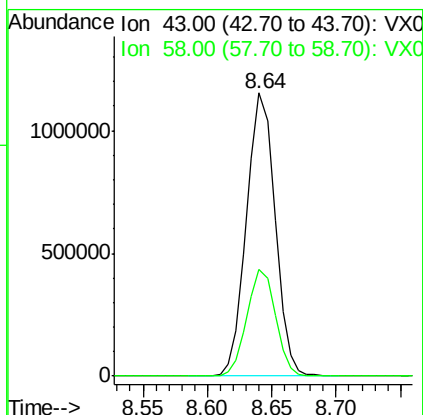
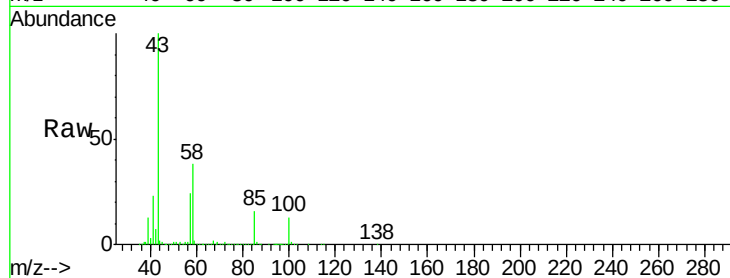




#51
 4-Methyl-2-Pentanone
 Concen: 260.493 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX008256.D
 Acq: 20 Mar 2019 21:03

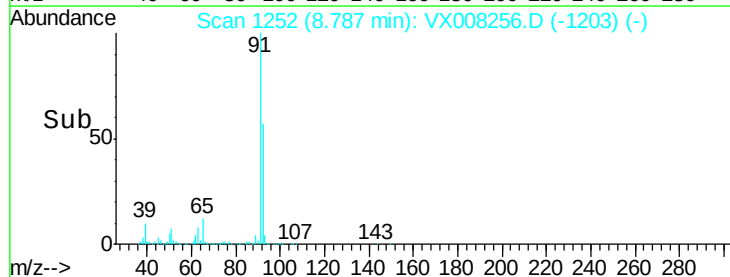
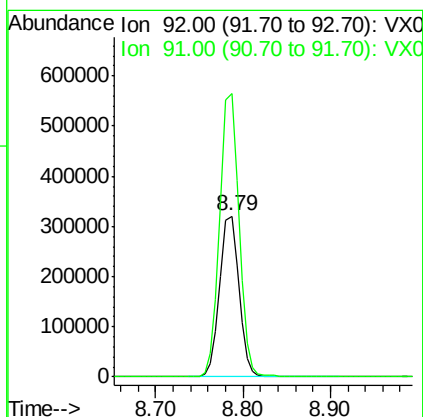
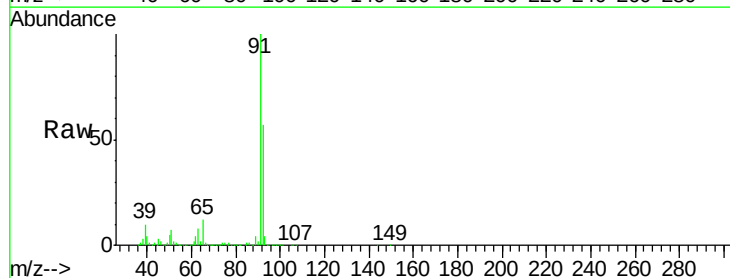
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

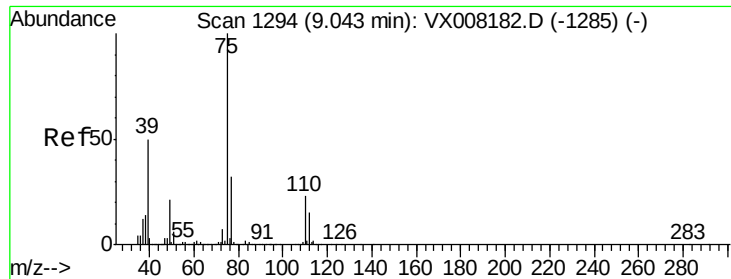
Tot Ion: 43 Resp: 1774213
 Ion Ratio Lower Upper
 43 100
 58 37.6 31.3 46.9



#52
 Toluene
 Concen: 50.596 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VX008256.D
 Acq: 20 Mar 2019 21:03

Tgt Ion: 92 Resp: 493980
 Ion Ratio Lower Upper
 92 100
 91 175.9 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 46.553 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

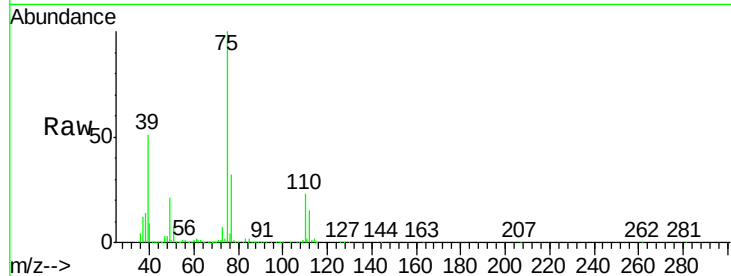
VSTDCCC050EC

Tot Ion: 75 Resp: 309247

Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

200000

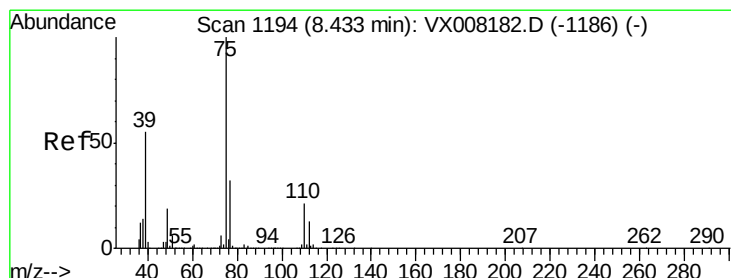
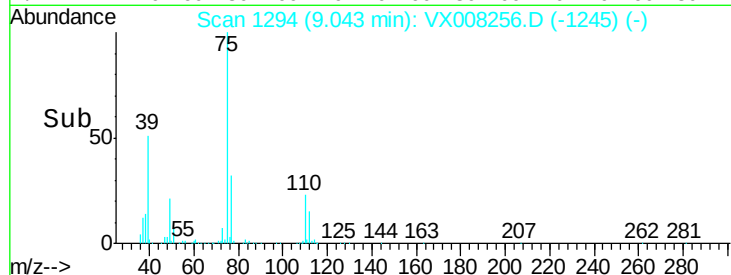
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 51.545 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

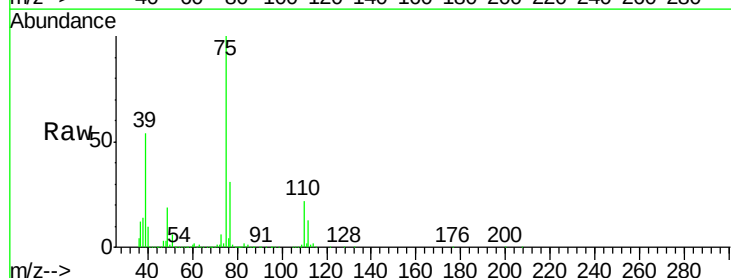
Tgt Ion: 75 Resp: 340059

Ion Ratio Lower Upper

75 100

77 31.2 25.0 37.6

39 54.0 36.6 54.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

300000

250000

200000

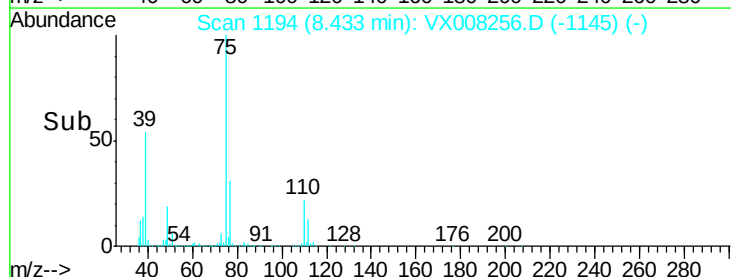
150000

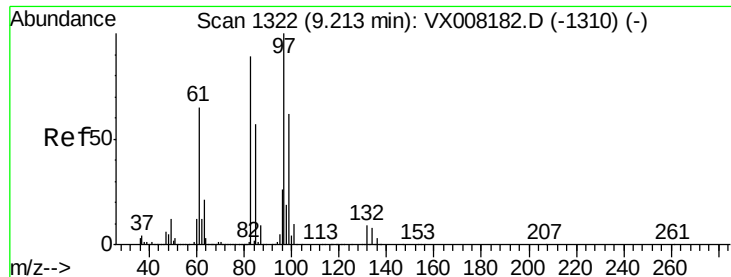
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 51.862 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 204580

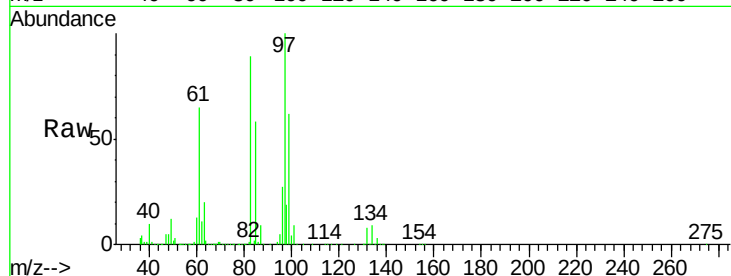
Ion Ratio Lower Upper

97 100

83 88.6 69.1 103.7

85 57.6 44.3 66.5

99 61.9 49.8 74.8

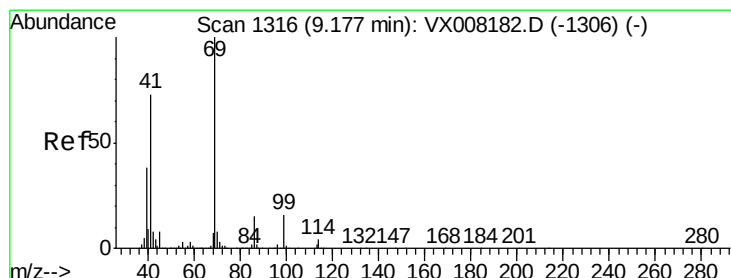
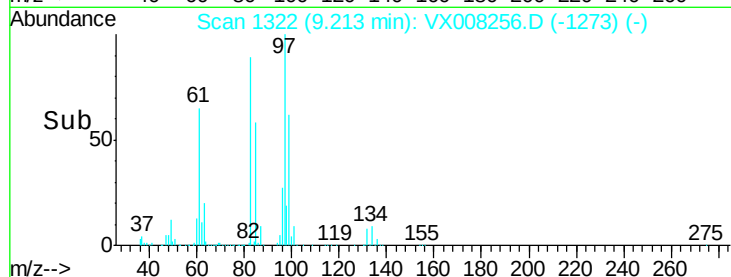
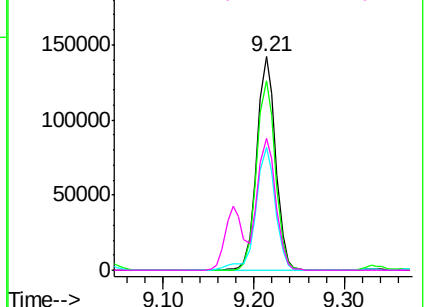


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 49.144 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

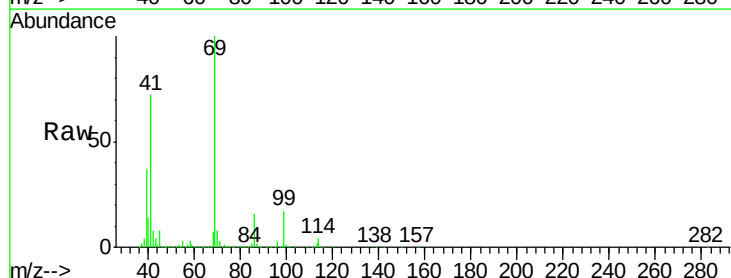
Tgt Ion: 69 Resp: 339978

Ion Ratio Lower Upper

69 100

41 72.5 54.2 81.4

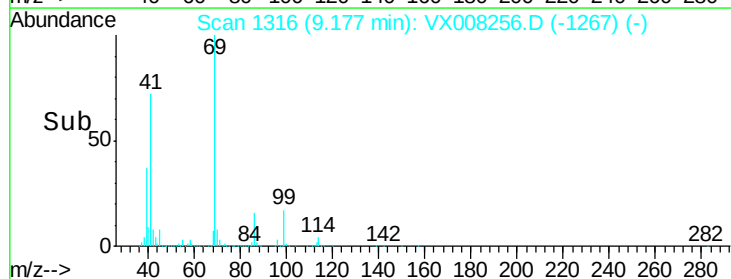
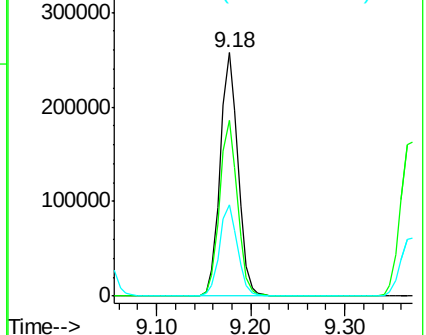
39 37.7 25.0 37.4#

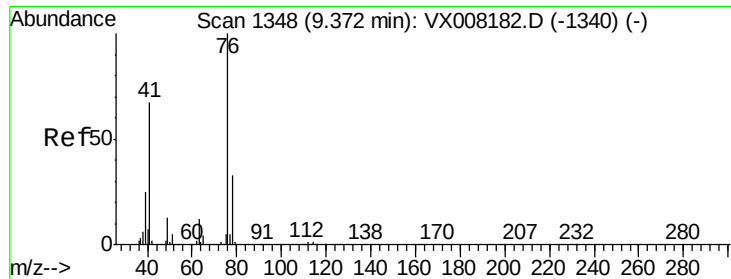


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 52.039 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

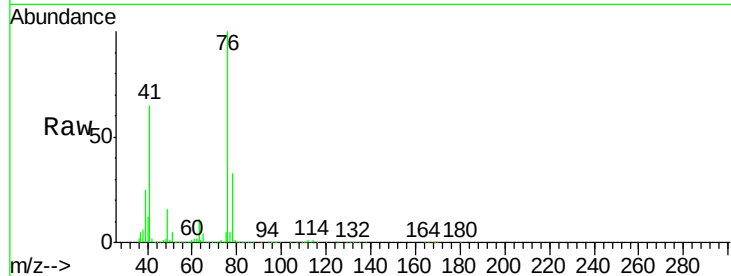
VSTDCCC050EC

Tot Ion: 76 Resp: 363140

Ion Ratio Lower Upper

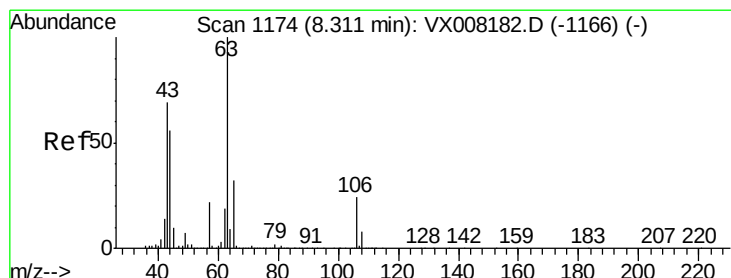
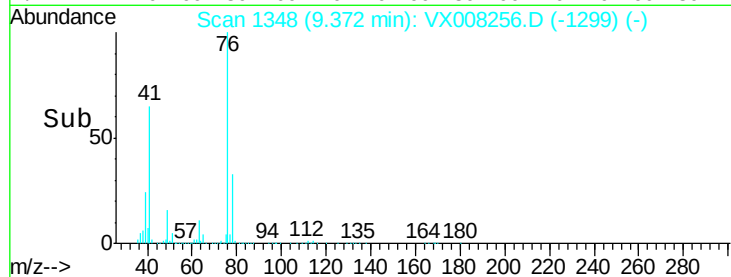
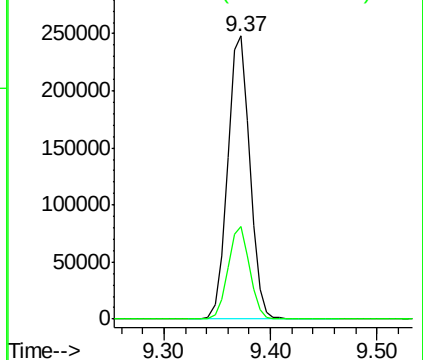
76 100

78 31.9 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 238.131 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX008256.D

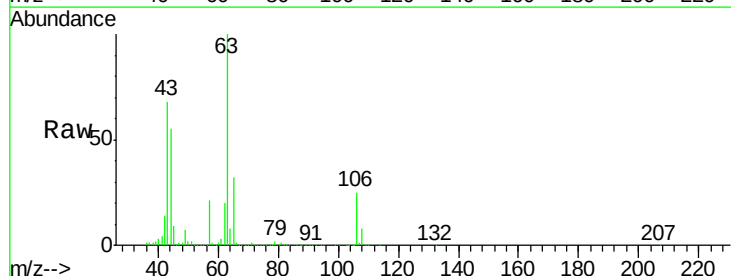
Acq: 20 Mar 2019 21:03

Tgt Ion: 63 Resp: 769641

Ion Ratio Lower Upper

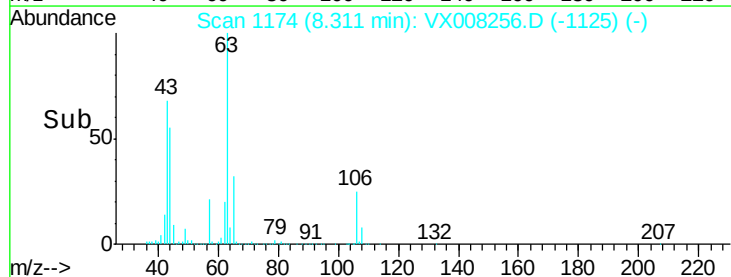
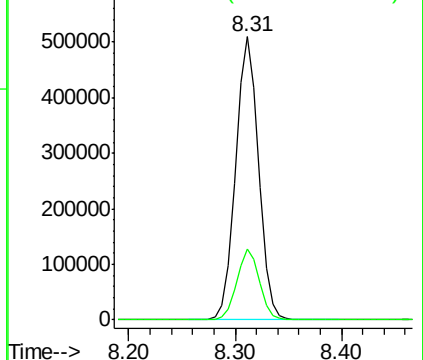
63 100

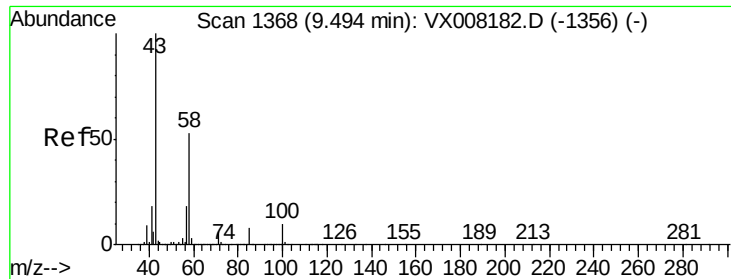
106 24.7 22.2 33.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

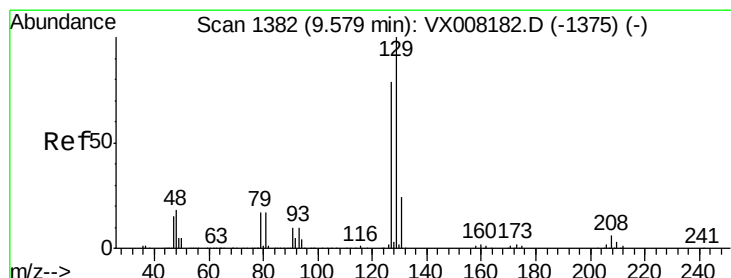
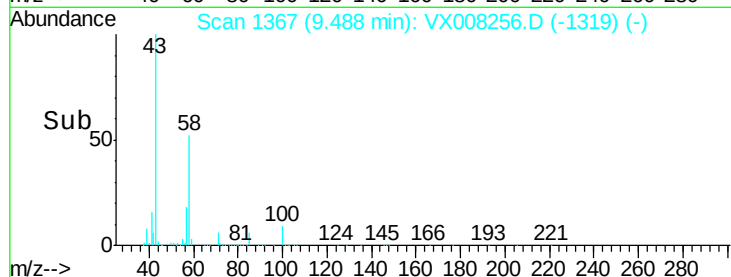
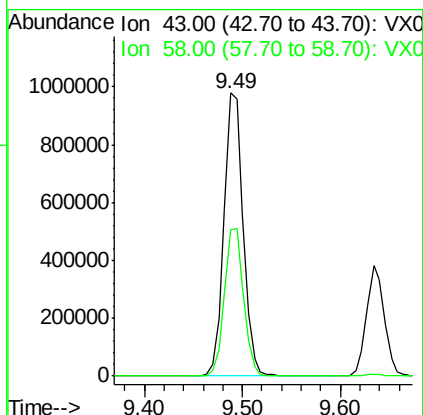
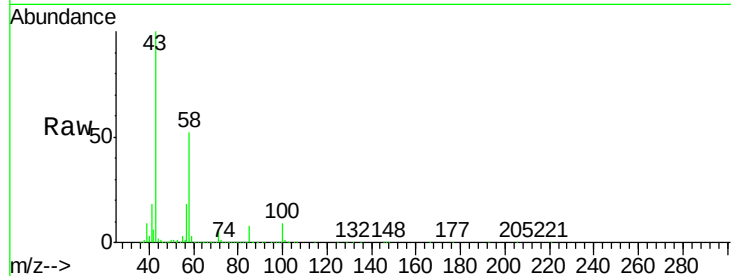




#59
2-Hexanone
Concen: 254.235 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VX008256.D
Acq: 20 Mar 2019 21:03

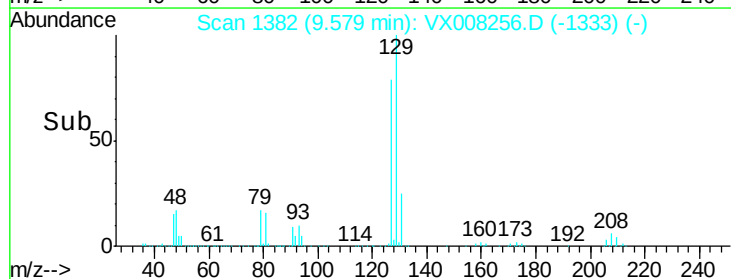
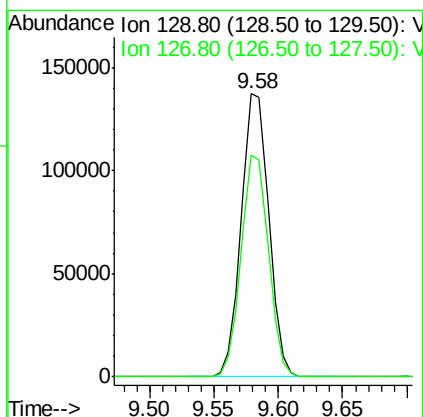
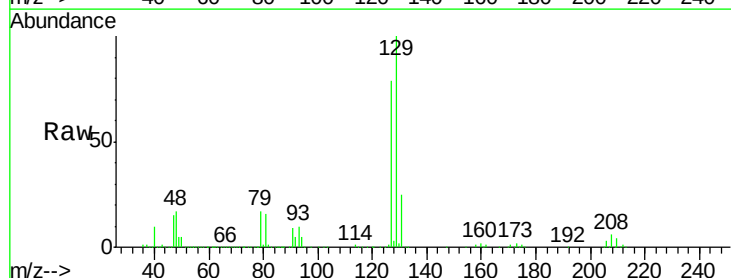
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

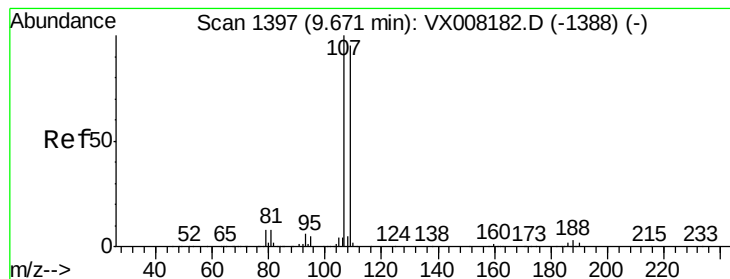
Tot Ion: 43 Resp: 1333114
Ion Ratio Lower Upper
43 100
58 52.4 27.6 82.7



#60
Dibromochloromethane
Concen: 53.575 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX008256.D
Acq: 20 Mar 2019 21:03

Tgt Ion: 129 Resp: 203106
Ion Ratio Lower Upper
129 100
127 78.1 38.3 114.8





#61

1,2-Dibromoethane

Concen: 51.524 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

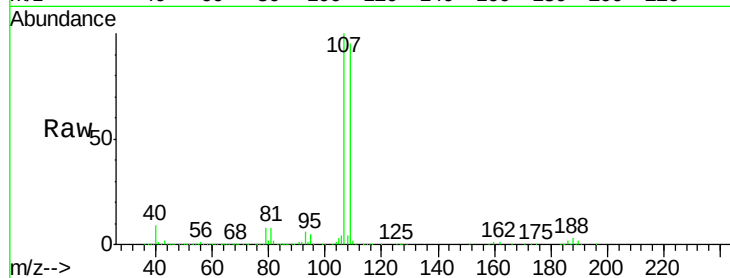
VSTDCCC050EC

Tot Ion: 107 Resp: 212223

Ion Ratio Lower Upper

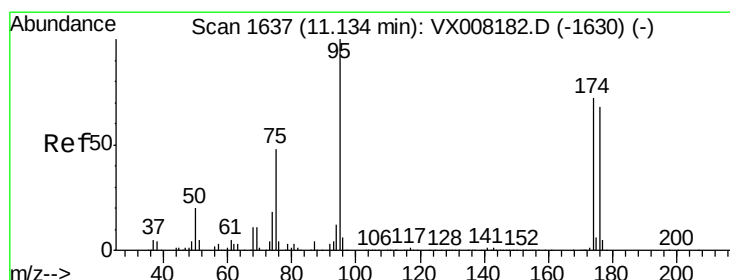
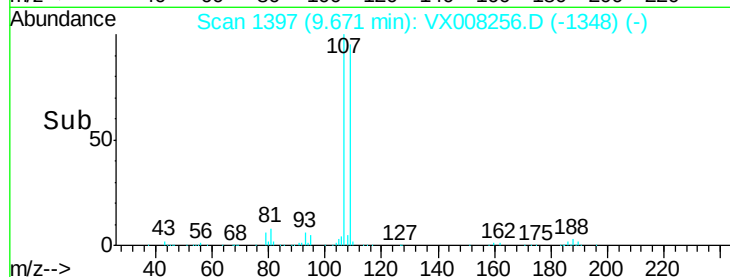
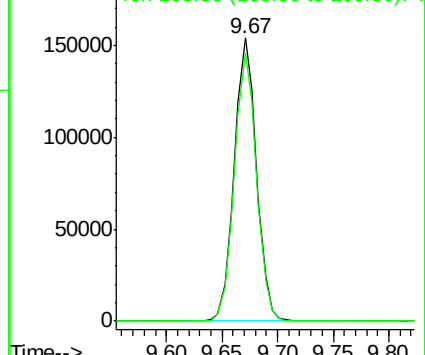
107 100

109 95.0 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.433 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

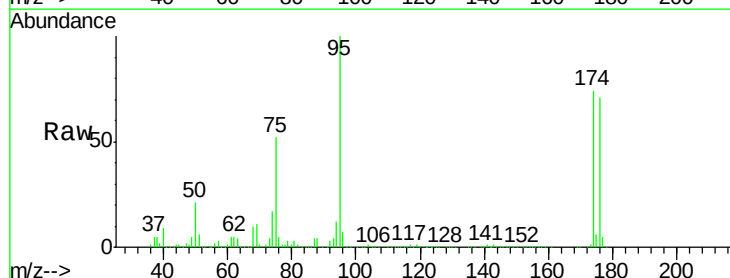
Tgt Ion: 95 Resp: 202136

Ion Ratio Lower Upper

95 100

174 79.1 0.0 182.8

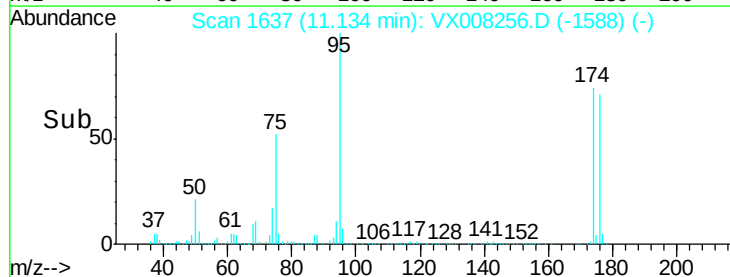
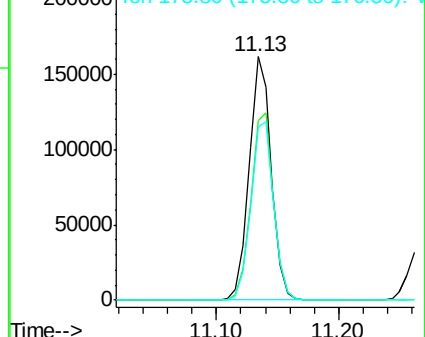
176 76.4 0.0 178.0

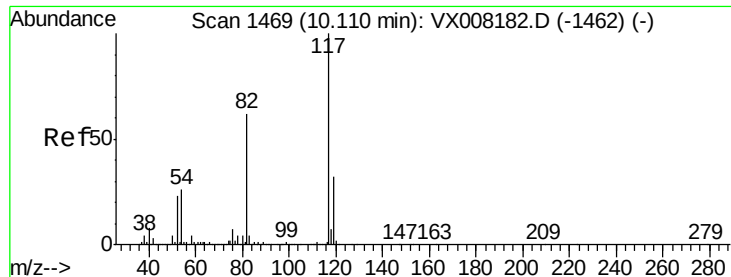


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

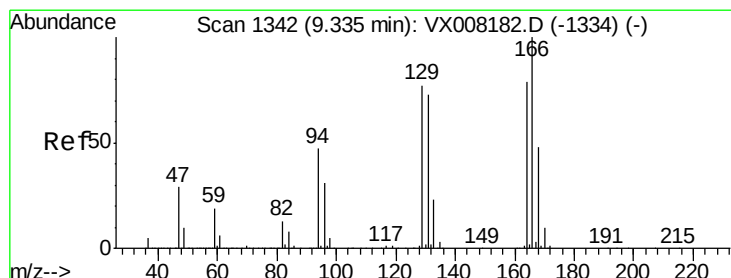
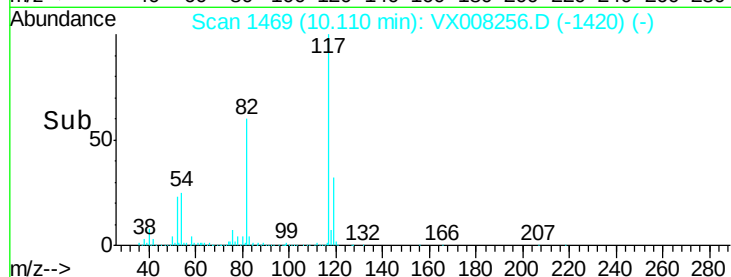
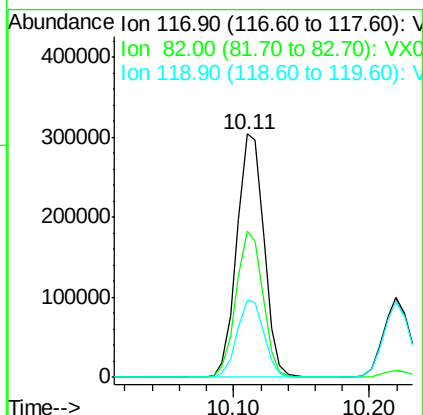
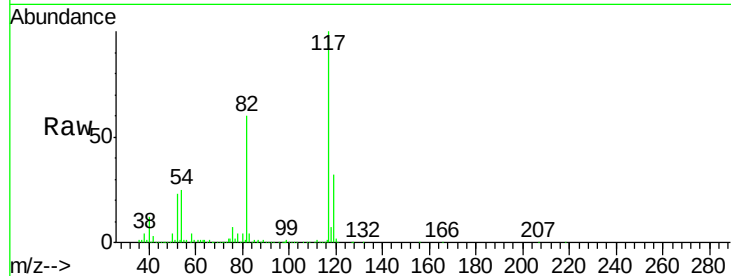




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008256.D
Acq: 20 Mar 2019 21:03

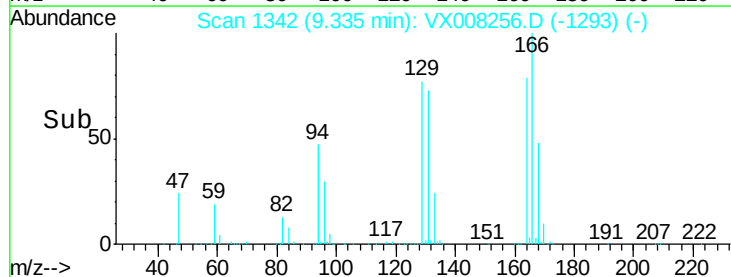
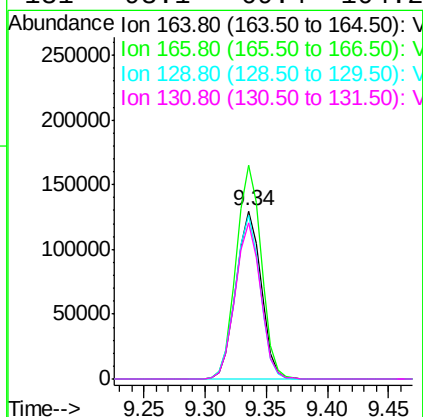
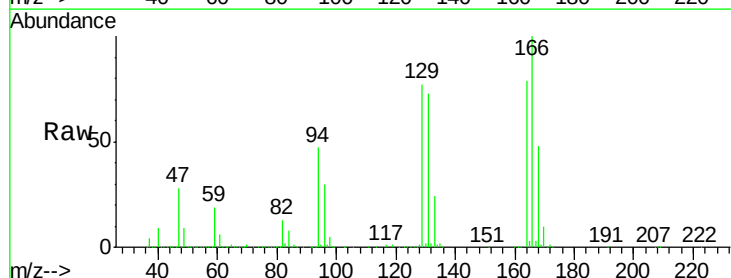
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

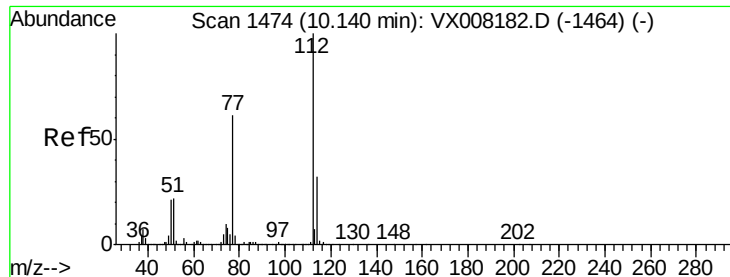
Tot Ion:117 Resp: 423202
Ion Ratio Lower Upper
117 100
82 60.3 44.3 66.5
119 31.8 25.3 37.9



#64
Tetrachloroethene
Concen: 48.153 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008256.D
Acq: 20 Mar 2019 21:03

Tgt Ion:164 Resp: 183851
Ion Ratio Lower Upper
164 100
166 127.1 103.4 155.0
129 97.7 72.2 108.4
131 93.1 69.4 104.2





#65

Chlorobenzene

Concen: 49.956 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.01 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

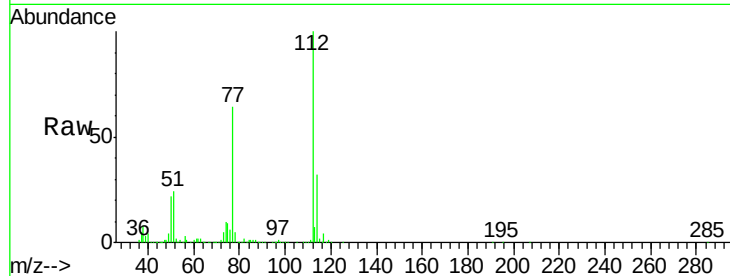
VSTDCCC050EC

Tot Ion:112 Resp: 520208

Ion Ratio Lower Upper

112 100

114 31.9 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.13

400000

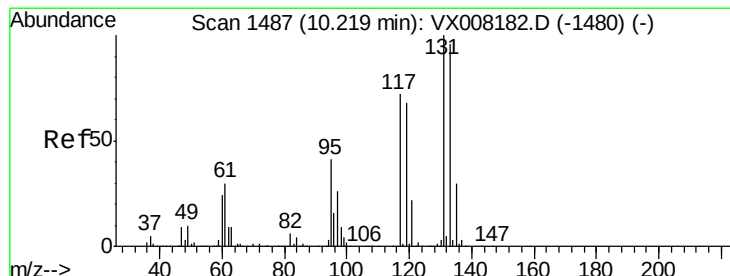
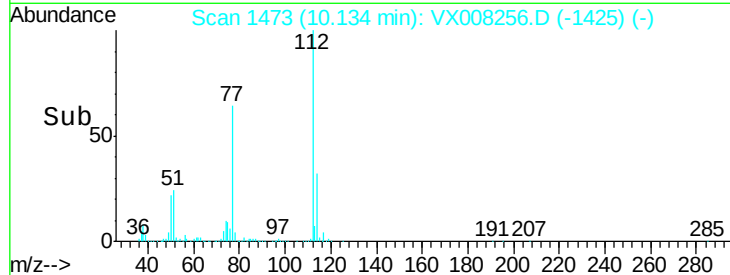
300000

200000

100000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 52.762 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

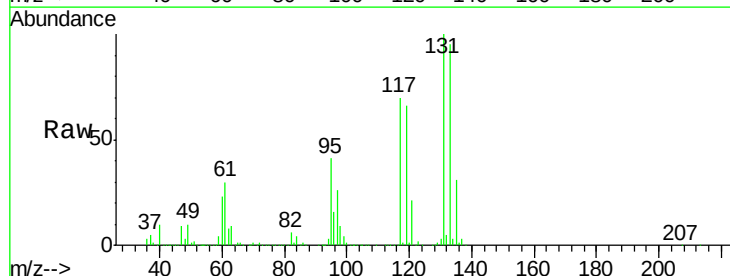
Tgt Ion:131 Resp: 191564

Ion Ratio Lower Upper

131 100

133 94.6 47.8 143.3

119 65.8 32.5 97.5



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.22

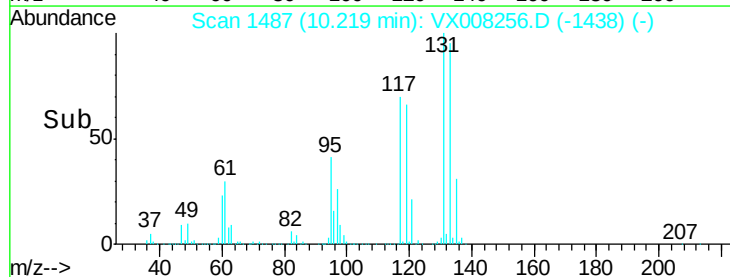
150000

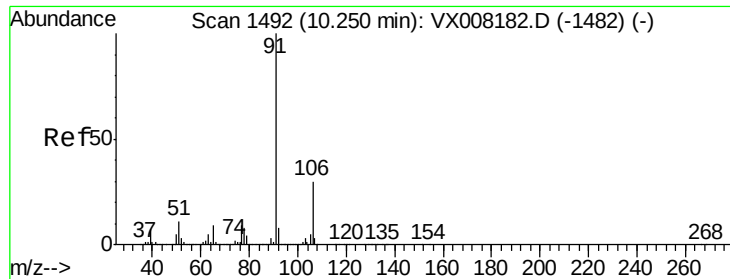
100000

50000

0

Time-->





#67

Ethyl Benzene

Concen: 51.072 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

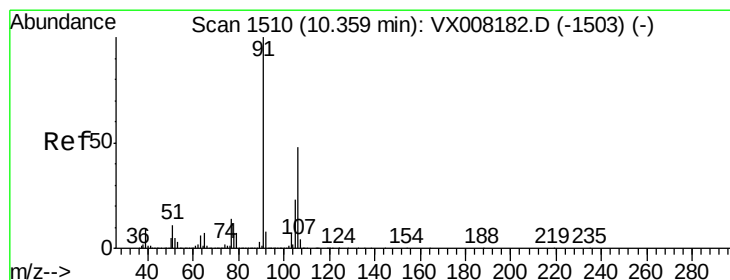
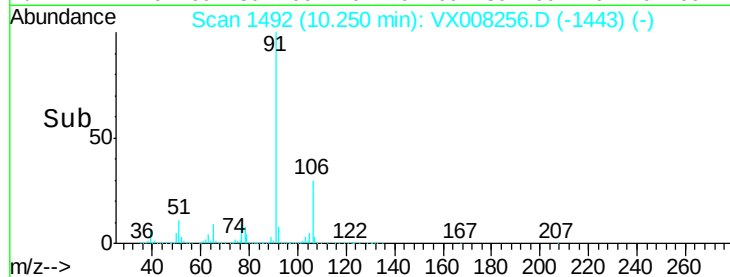
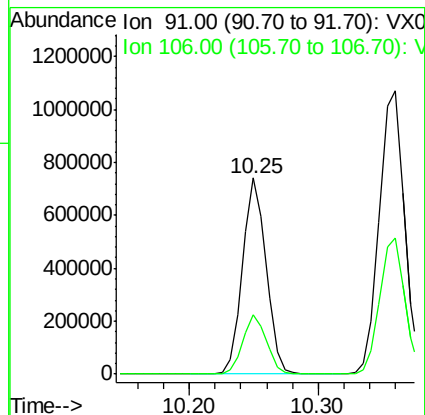
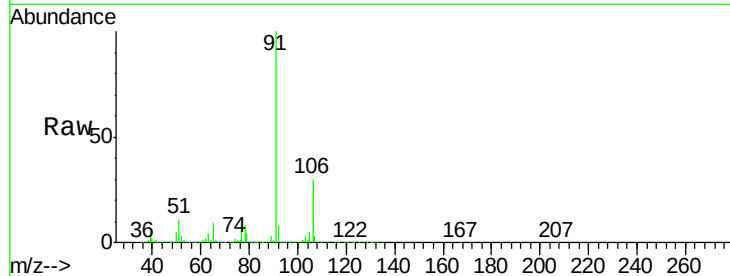
VSTDCCC050EC

Tot Ion: 91 Resp: 937197

Ion Ratio Lower Upper

91 100

106 30.4 25.2 37.8



#68

m/p-Xylenes

Concen: 101.915 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX008256.D

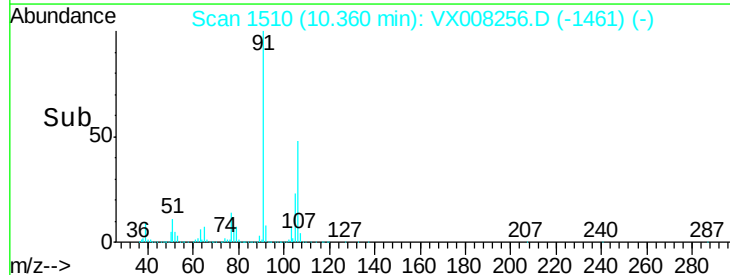
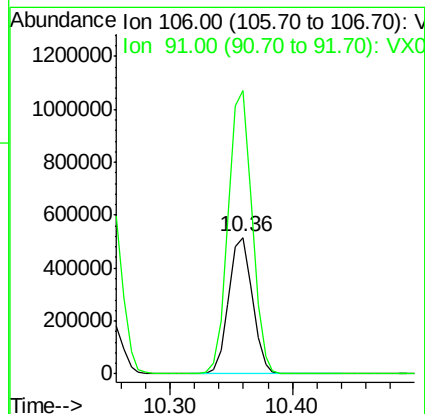
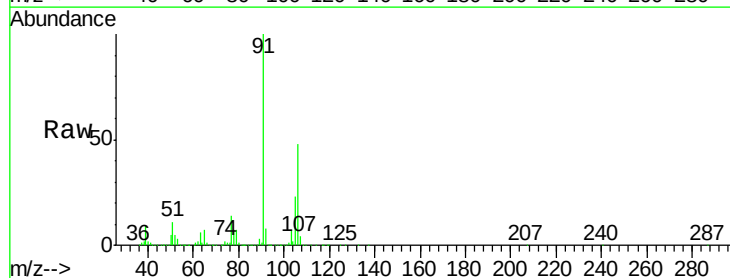
Acq: 20 Mar 2019 21:03

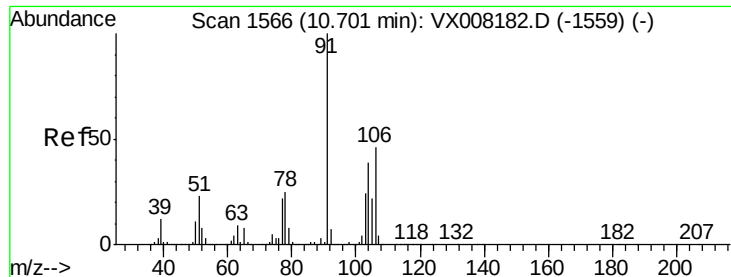
Tgt Ion: 106 Resp: 686990

Ion Ratio Lower Upper

106 100

91 209.7 159.8 239.6

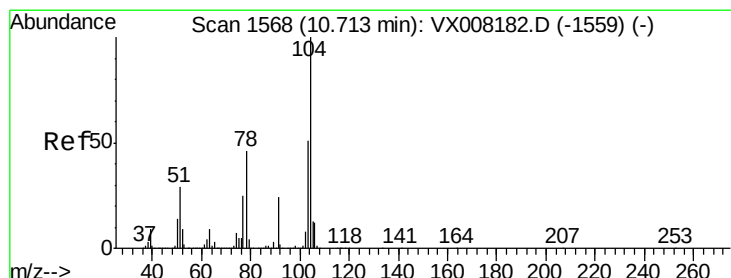
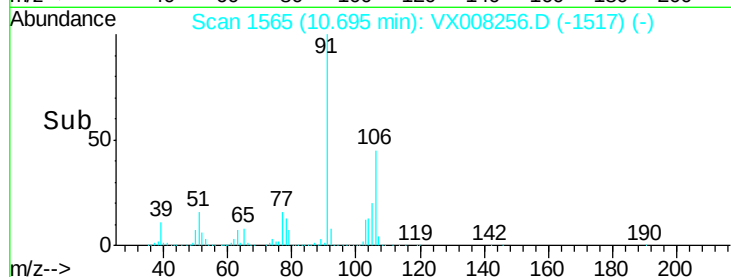
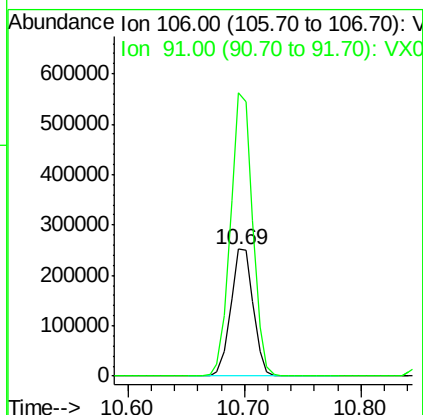
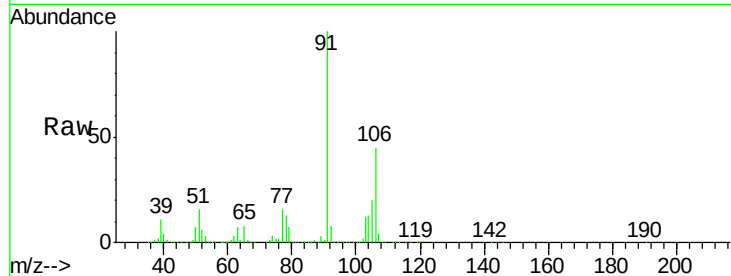




#69
o-Xylene
Concen: 51.625 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008256.D
Acq: 20 Mar 2019 21:03

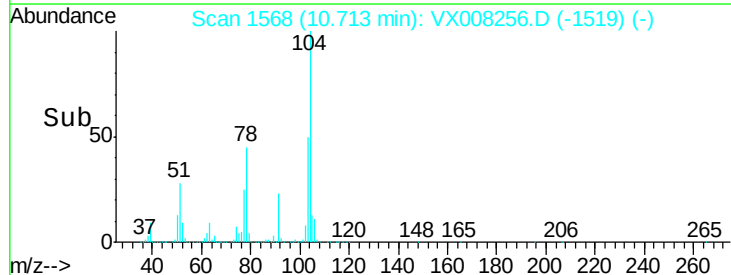
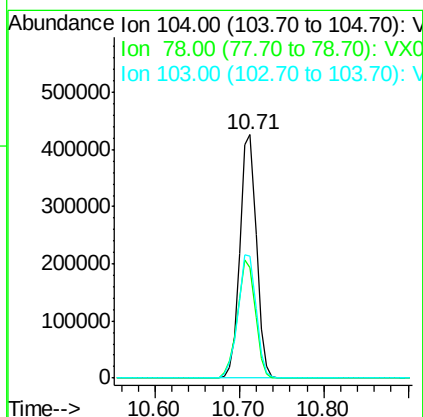
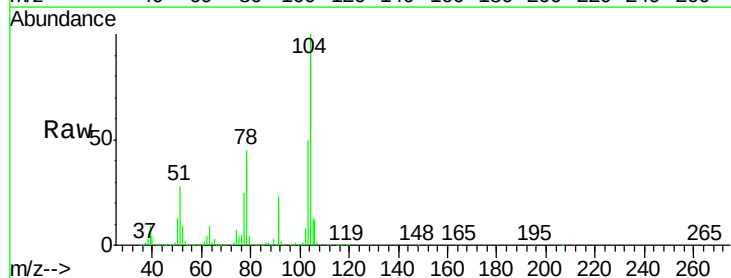
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

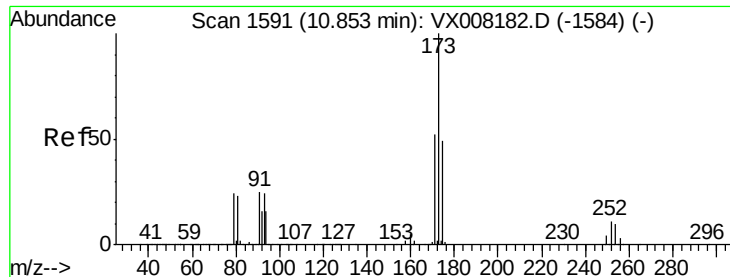
Tot Ion:106 Resp: 338148
Ion Ratio Lower Upper
106 100
91 220.1 106.3 318.9



#70
Styrene
Concen: 52.124 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX008256.D
Acq: 20 Mar 2019 21:03

Tgt Ion:104 Resp: 554859
Ion Ratio Lower Upper
104 100
78 53.2 38.5 57.7
103 56.1 44.1 66.1

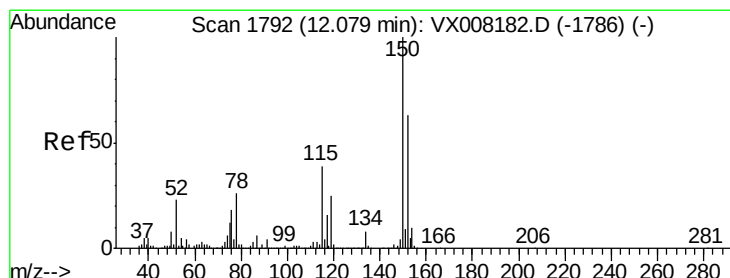
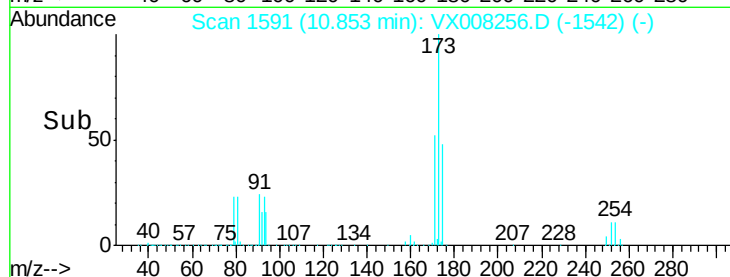
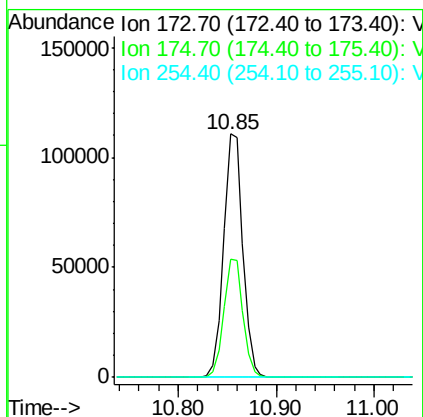
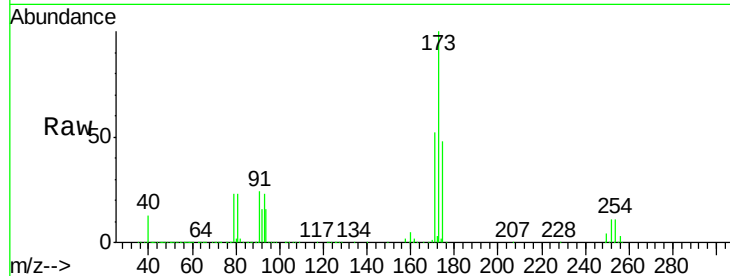




#71
Bromoform
Concen: 48.122 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX008256.D
Acq: 20 Mar 2019 21:03

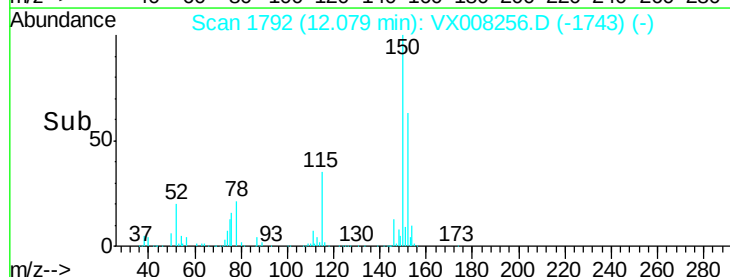
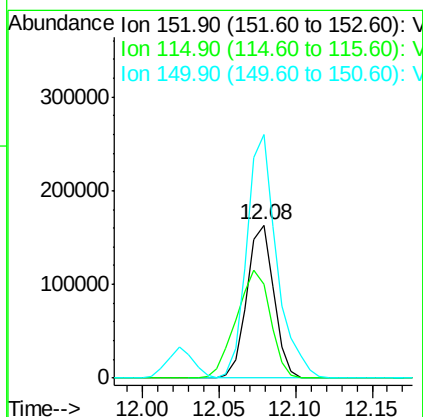
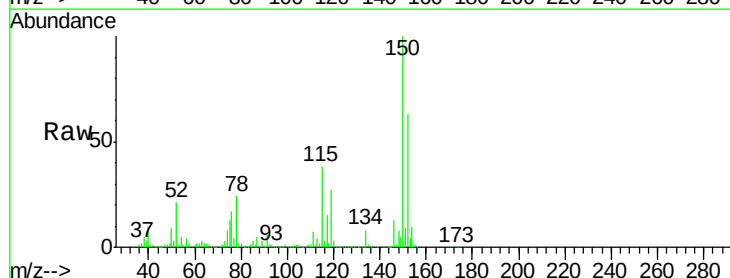
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

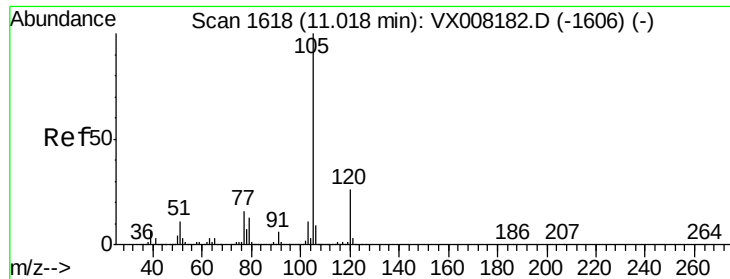
Tot Ion:173 Resp: 150267
Ion Ratio Lower Upper
173 100
175 48.6 24.3 72.9
254 0.3 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008256.D
Acq: 20 Mar 2019 21:03

Tgt Ion:152 Resp: 198620
Ion Ratio Lower Upper
152 100
115 89.4 38.6 115.7
150 177.8 0.0 348.4





#73

Isopropylbenzene

Concen: 50.627 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

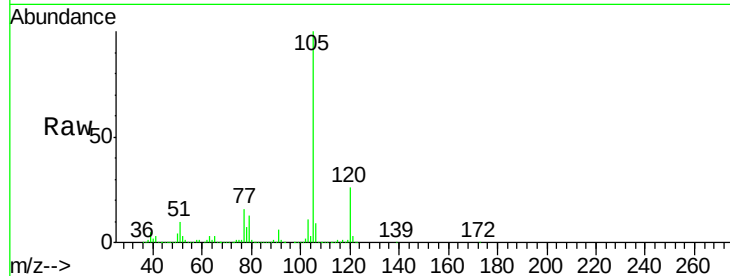
VSTDCCC050EC

Tot Ion:105 Resp: 896306

Ion Ratio Lower Upper

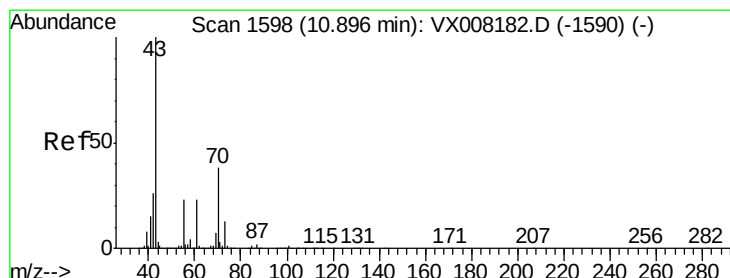
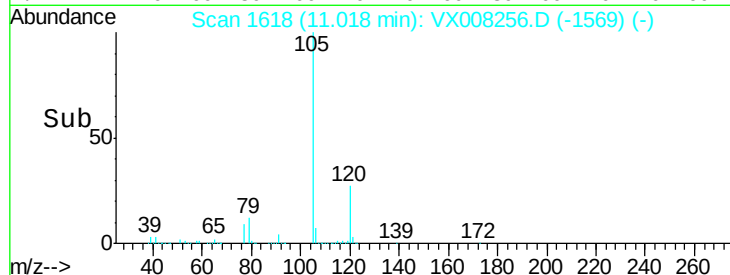
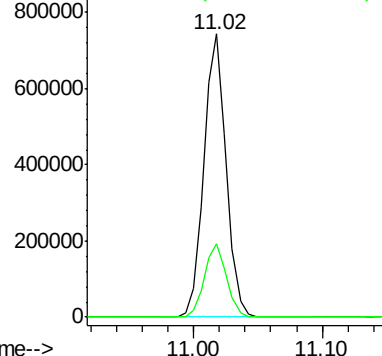
105 100

120 25.9 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.058 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

Tgt Ion: 43 Resp: 473593

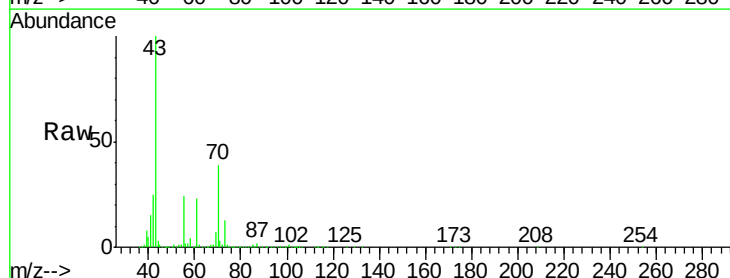
Ion Ratio Lower Upper

43 100

70 38.8 33.5 50.3

55 23.6 19.2 28.8

61 22.9 19.0 28.6

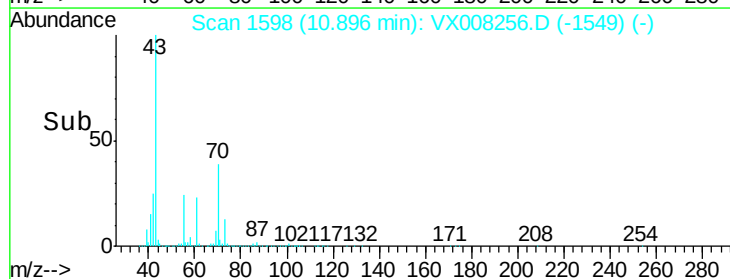
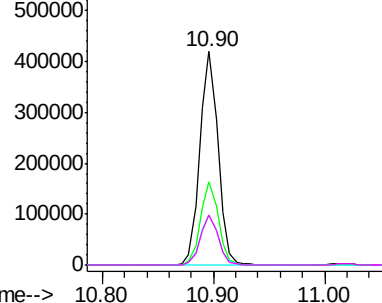


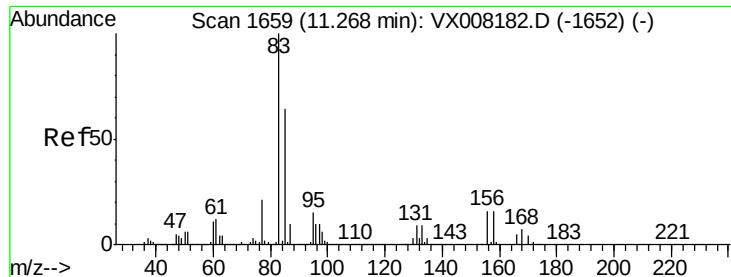
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.763 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

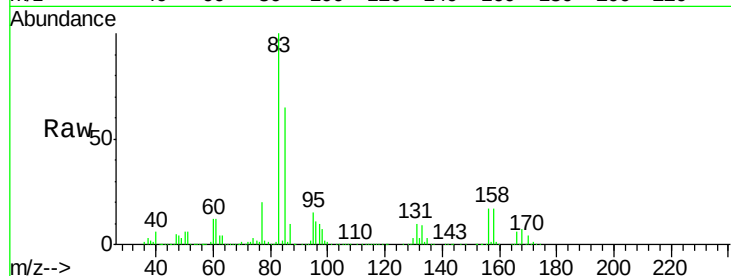
Tot Ion: 83 Resp: 315908

Ion Ratio Lower Upper

83 100

131 9.5 5.4 16.2

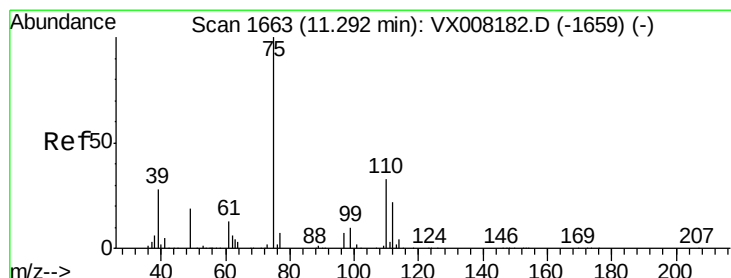
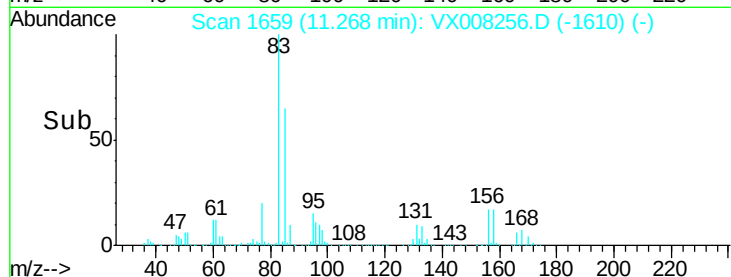
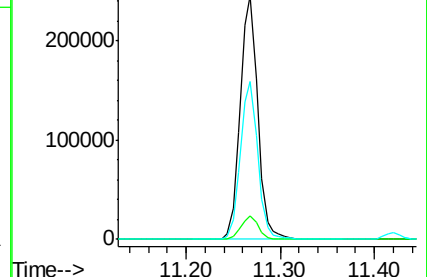
85 64.6 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 67.456 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX008256.D

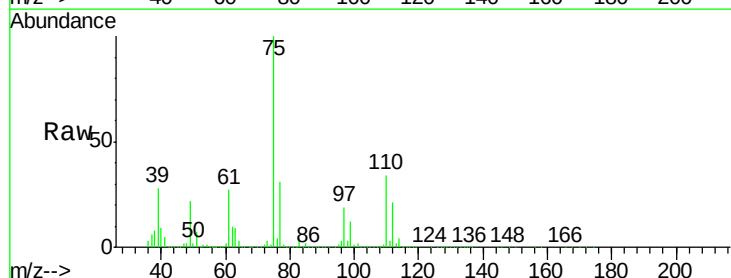
Acq: 20 Mar 2019 21:03

Tgt Ion: 75 Resp: 376837

Ion Ratio Lower Upper

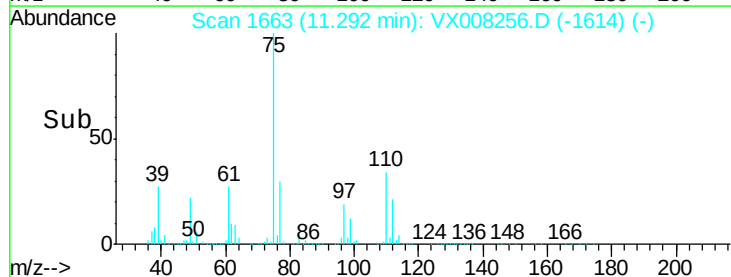
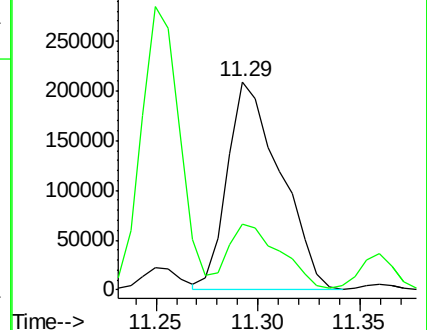
75 100

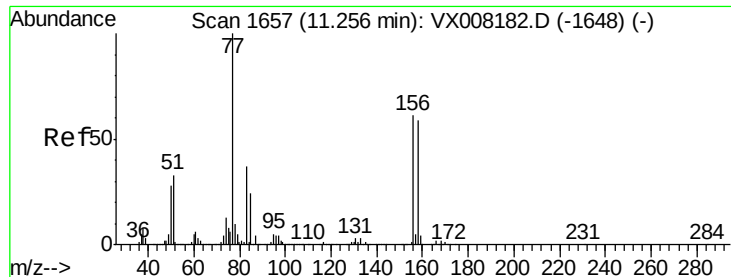
77 31.8 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.967 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

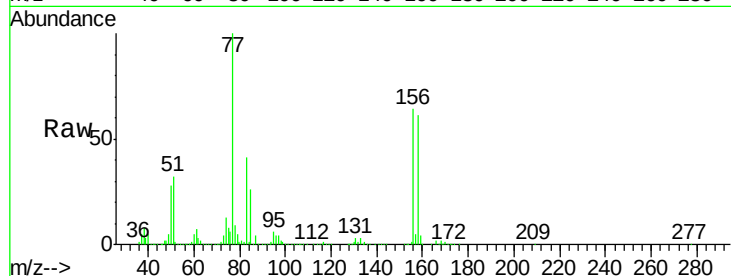
Tot Ion:156 Resp: 213884

Ion Ratio Lower Upper

156 100

77 172.8 72.0 215.9

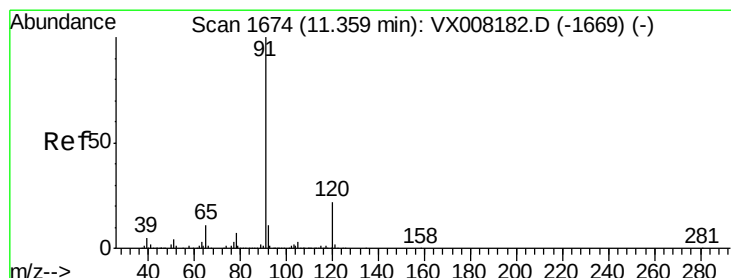
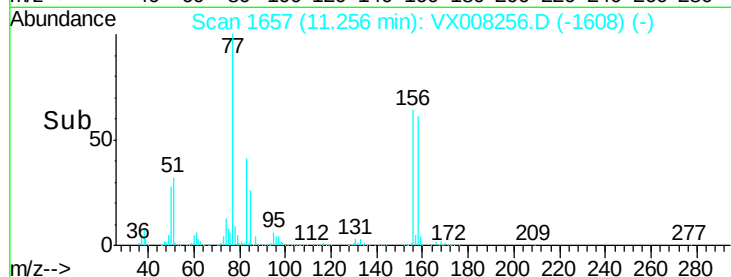
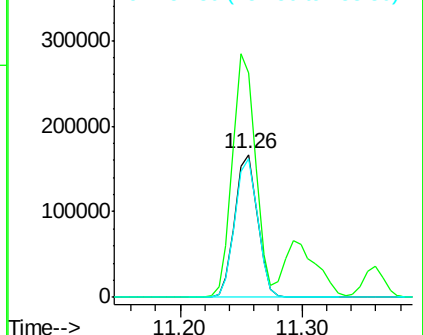
158 97.3 48.6 145.9



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: 50.873 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008256.D

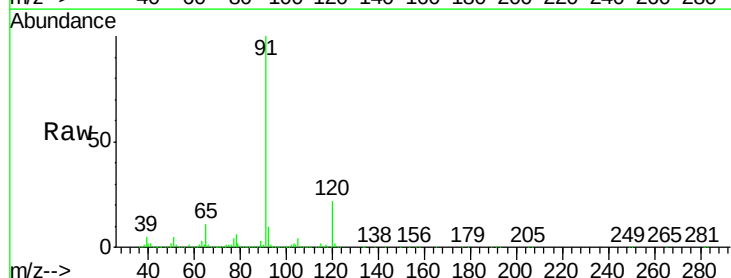
Acq: 20 Mar 2019 21:03

Tgt Ion: 91 Resp: 1046087

Ion Ratio Lower Upper

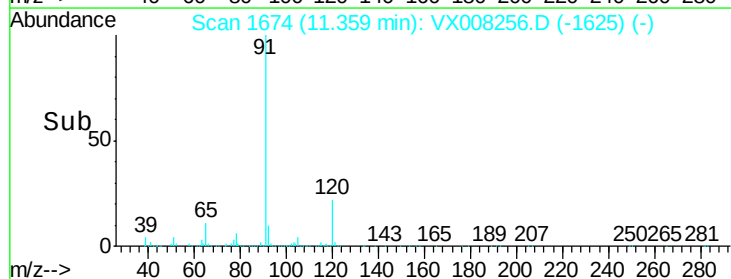
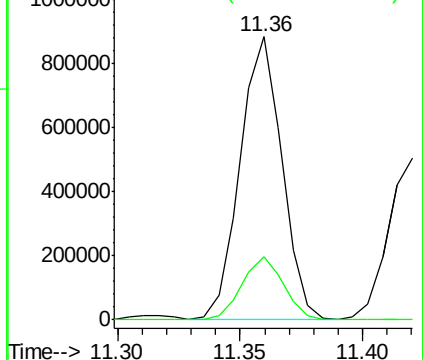
91 100

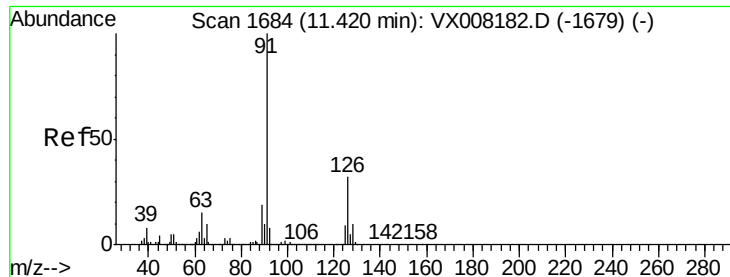
120 22.1 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.943 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

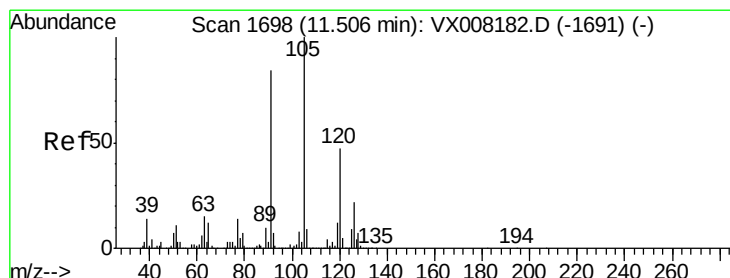
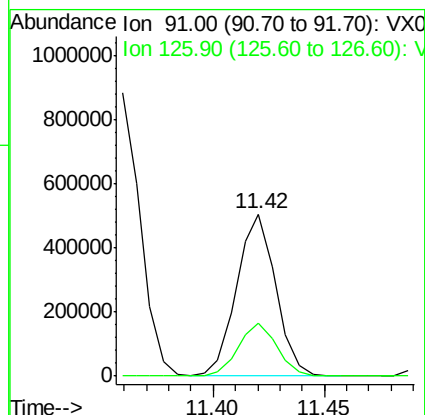
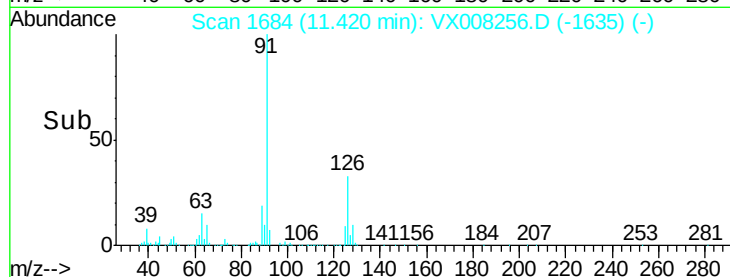
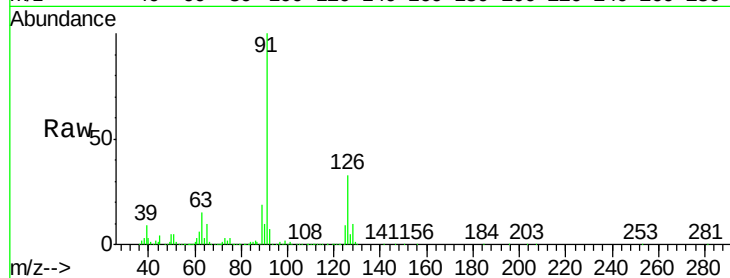
VSTDCCC050EC

Tot Ion: 91 Resp: 616382

Ion Ratio Lower Upper

91 100

126 32.4 17.5 52.6



#80

1,3,5-Trimethylbenzene

Concen: 50.823 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX008256.D

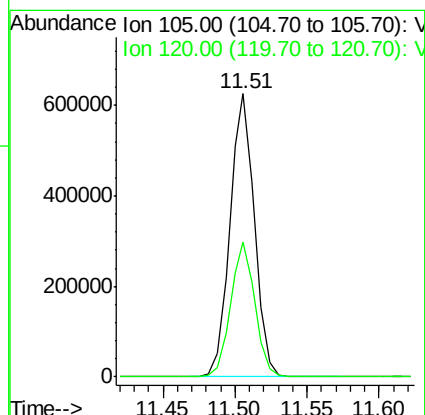
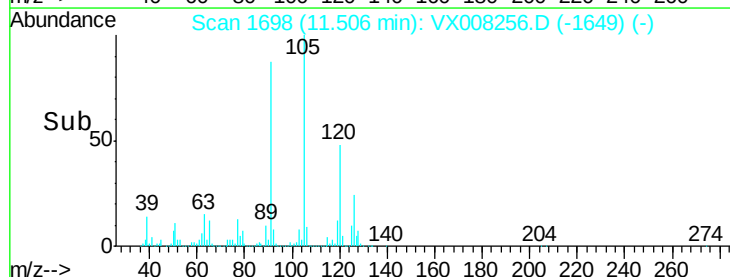
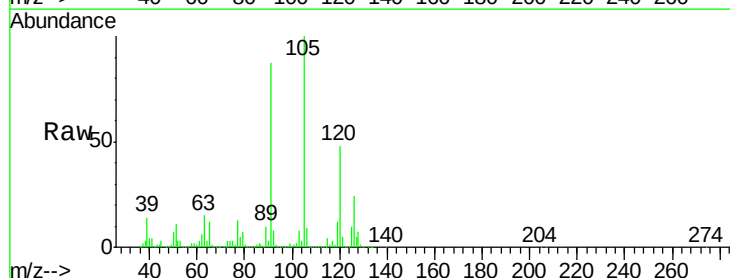
Acq: 20 Mar 2019 21:03

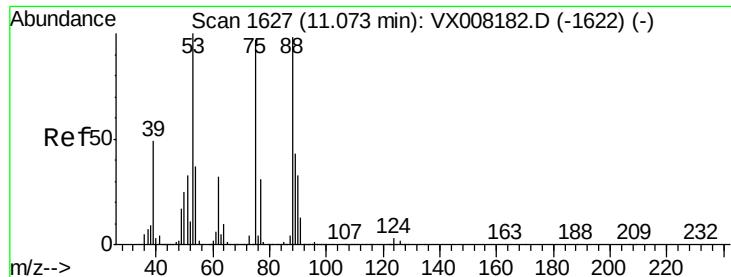
Tgt Ion: 105 Resp: 743350

Ion Ratio Lower Upper

105 100

120 47.1 24.9 74.6

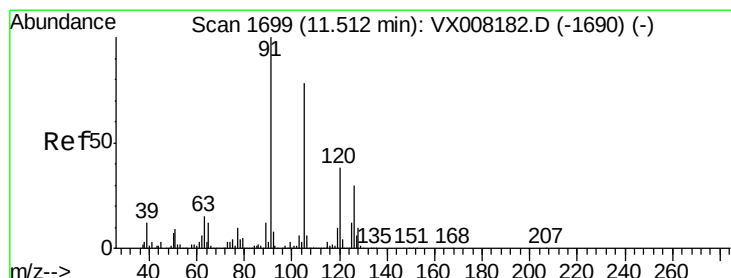
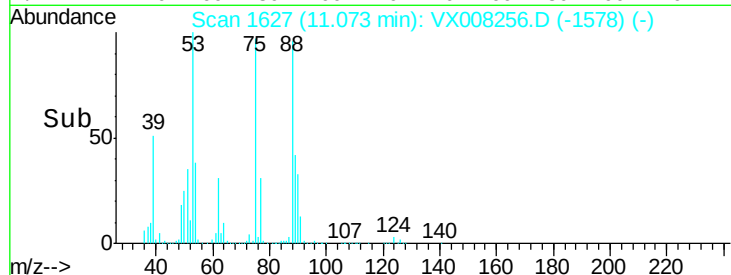
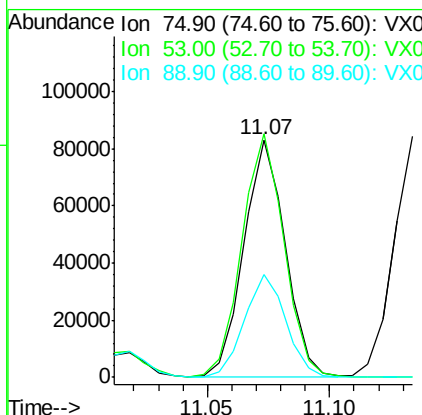
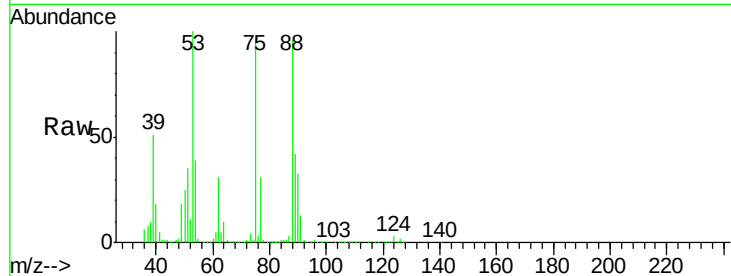




#81
trans-1,4-Dichloro-2-butene
Concen: 44.675 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX008256.D
Acq: 20 Mar 2019 21:03

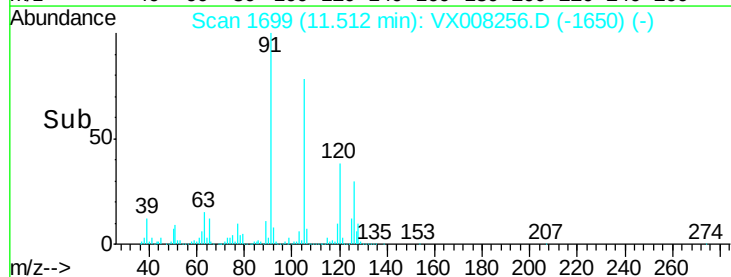
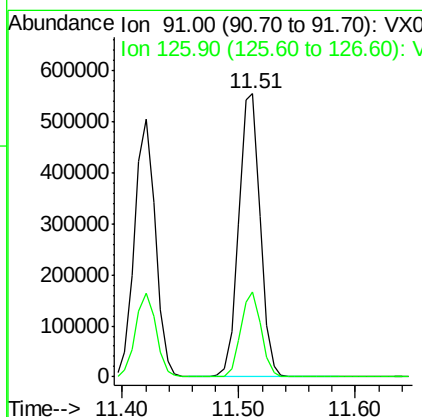
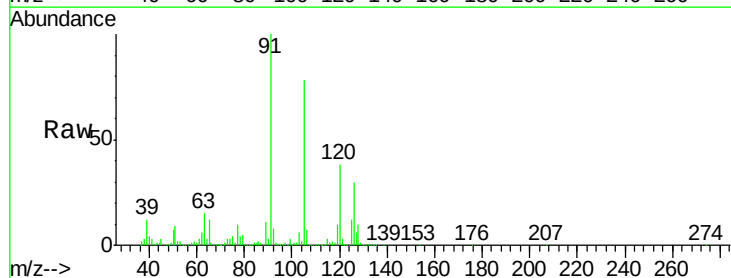
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

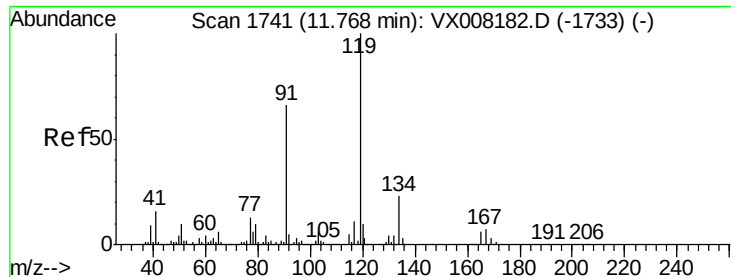
Tot Ion: 75 Resp: 97553
Ion Ratio Lower Upper
75 100
53 104.0 76.1 114.1
89 43.6 36.3 54.5



#82
4-Chlorotoluene
Concen: 49.620 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX008256.D
Acq: 20 Mar 2019 21:03

Tgt Ion: 91 Resp: 712632
Ion Ratio Lower Upper
91 100
126 28.6 15.6 46.8





#83

tert-Butylbenzene

Concen: 51.078 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

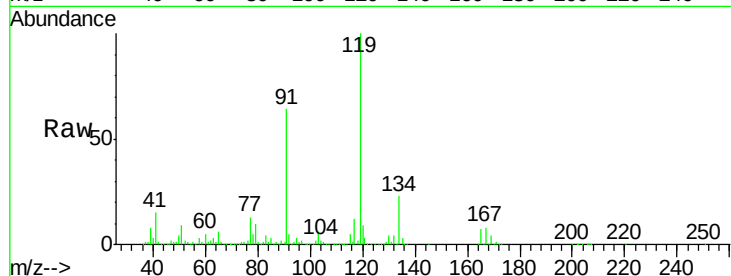
Tot Ion:119 Resp: 713268

Ion Ratio Lower Upper

119 100

91 60.6 27.1 81.3

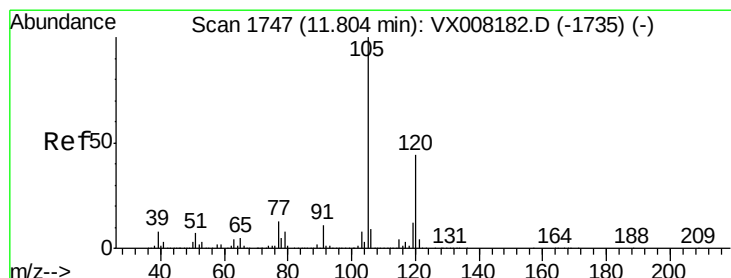
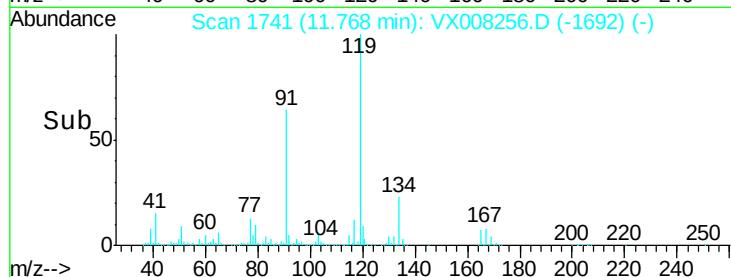
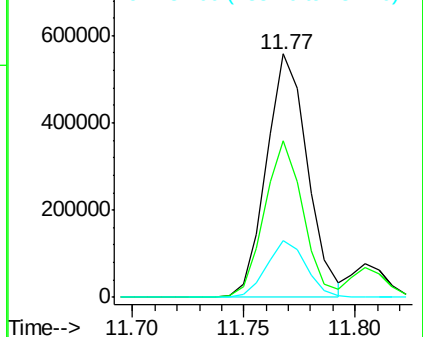
134 22.5 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 50.682 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX008256.D

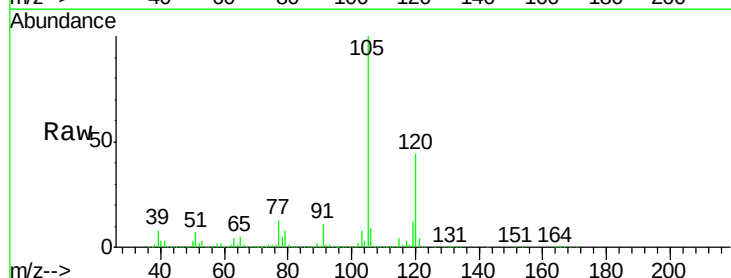
Acq: 20 Mar 2019 21:03

Tgt Ion:105 Resp: 751513

Ion Ratio Lower Upper

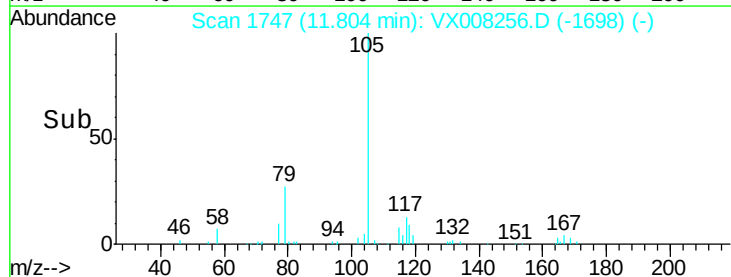
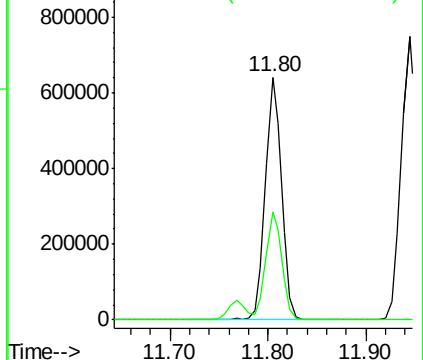
105 100

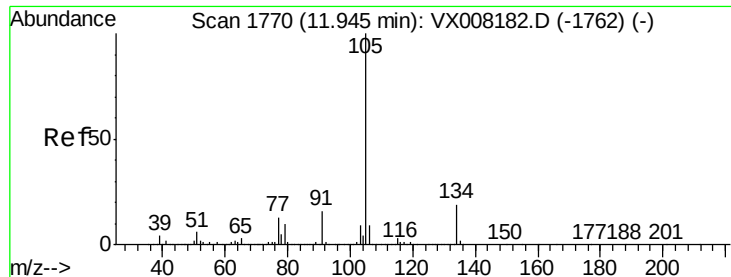
120 43.7 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 51.128 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

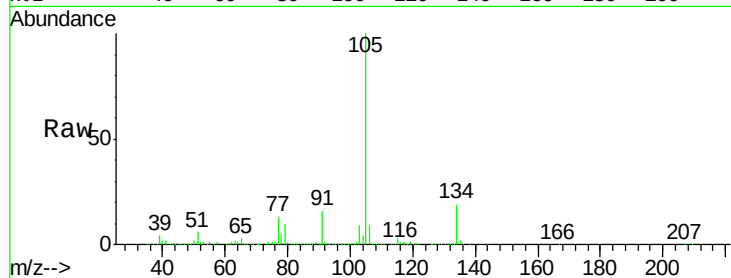
VSTDCCC050EC

Tot Ion:105 Resp: 884153

Ion Ratio Lower Upper

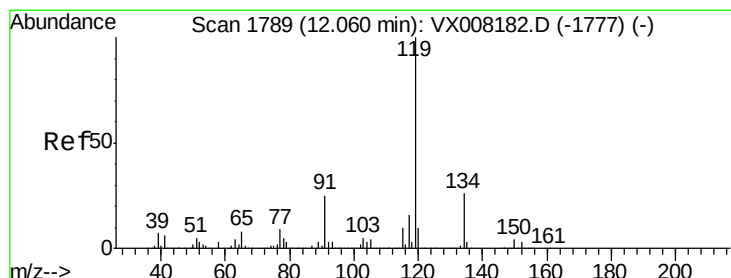
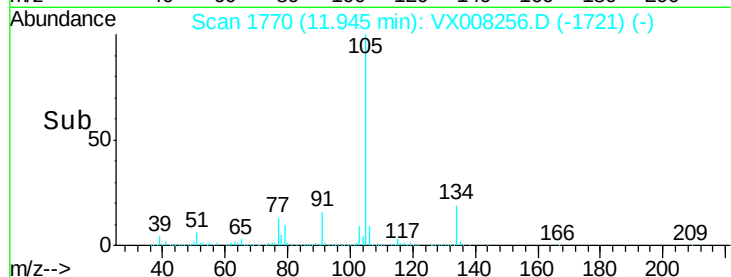
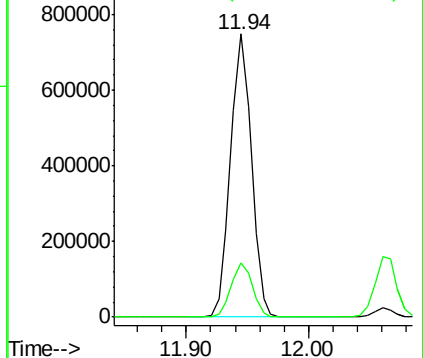
105 100

134 19.2 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.645 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

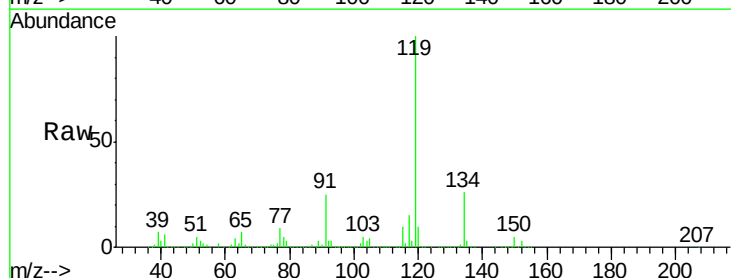
Tgt Ion:119 Resp: 758103

Ion Ratio Lower Upper

119 100

134 25.9 13.3 39.9

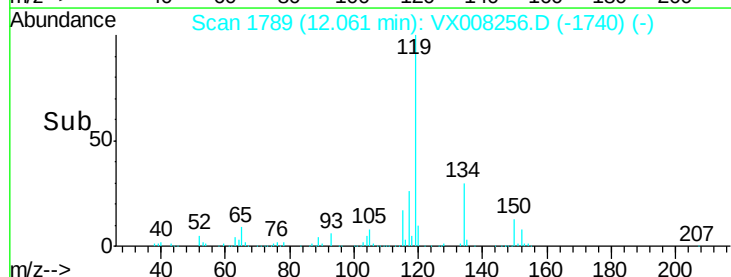
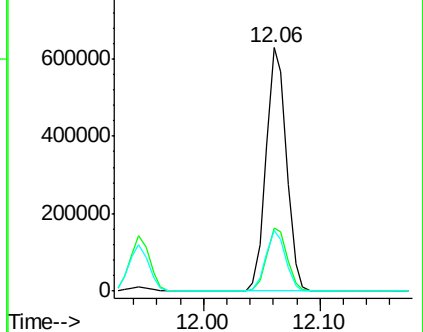
91 24.6 10.9 32.7

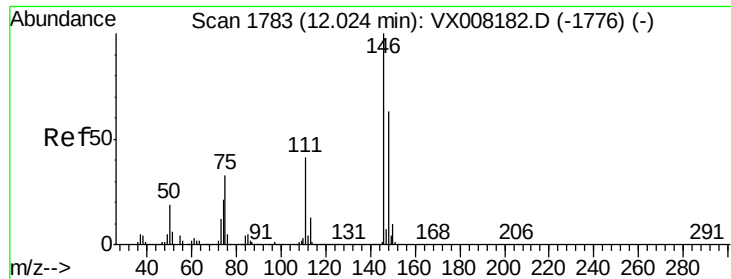


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

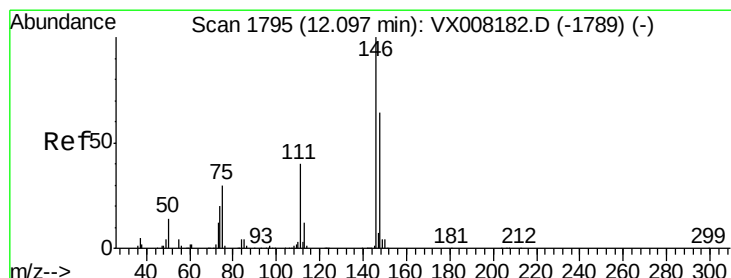
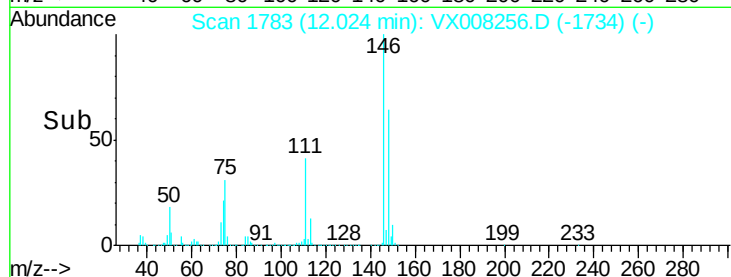
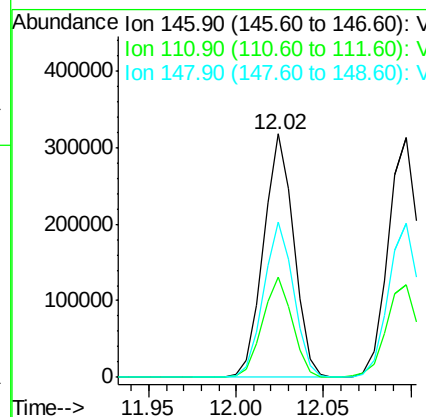
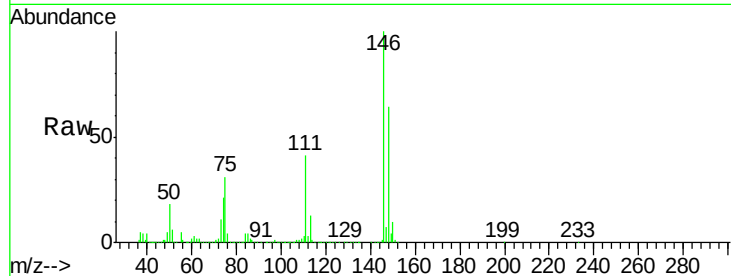




#87
 1,3-Dichlorobenzene
 Concen: 49.849 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX008256.D
 Acq: 20 Mar 2019 21:03

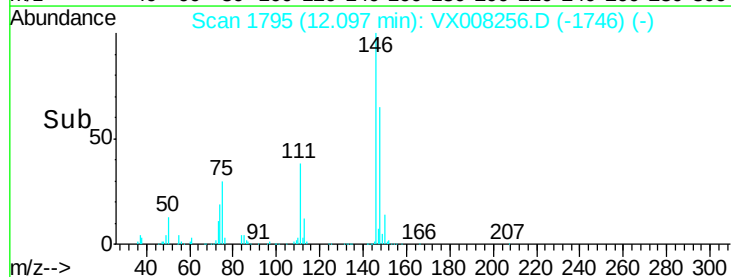
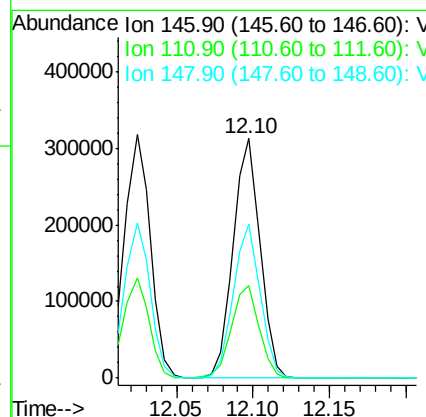
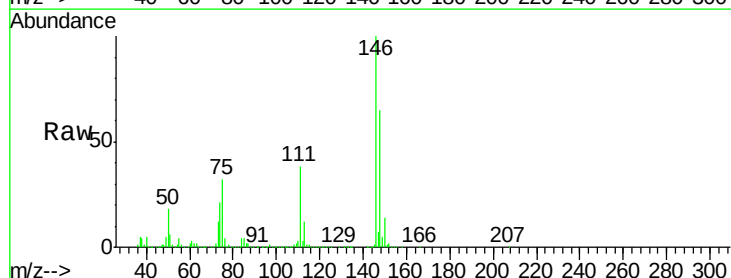
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

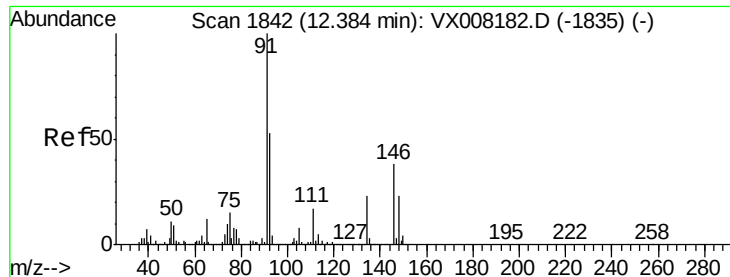
Tot Ion:146 Resp: 381338
 Ion Ratio Lower Upper
 146 100
 111 40.8 18.9 56.7
 148 63.4 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 48.239 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX008256.D
 Acq: 20 Mar 2019 21:03

Tgt Ion:146 Resp: 381706
 Ion Ratio Lower Upper
 146 100
 111 39.9 18.4 55.0
 148 64.0 32.2 96.6





#89

n-Butylbenzene

Concen: 49.433 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

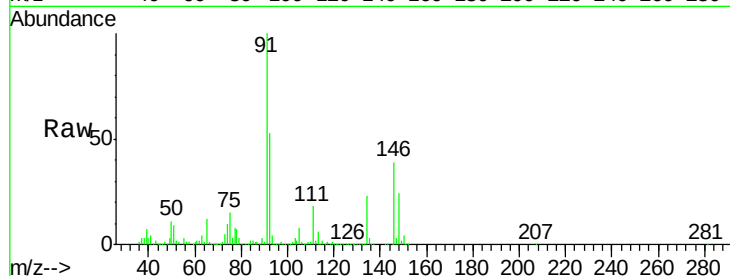
Tot Ion: 91 Resp: 694503

Ion Ratio Lower Upper

91 100

92 52.6 27.0 80.8

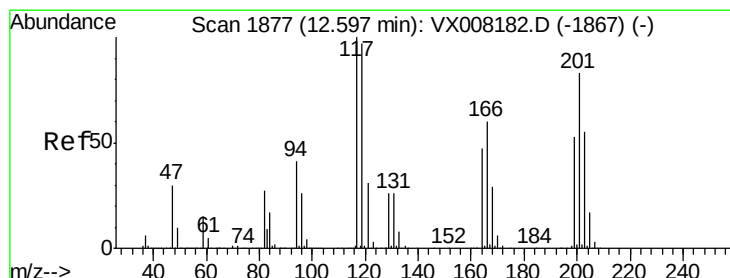
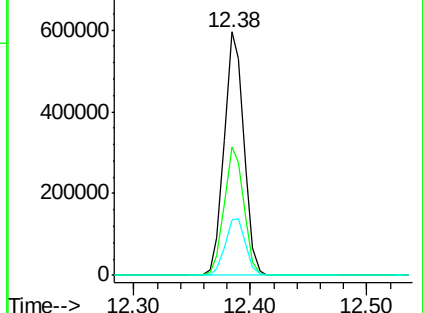
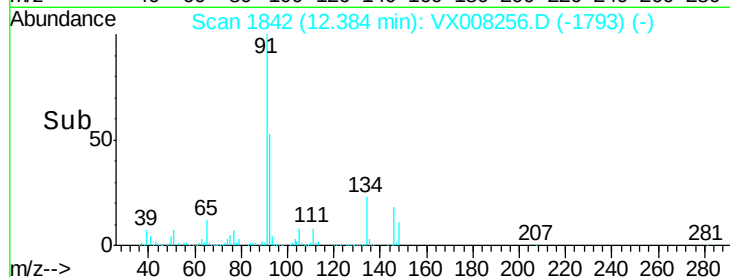
134 24.4 13.7 41.0



Abundance Ion 91.00 (90.70 to 91.70): VX008256.D (-1793) (-)

Ion 92.00 (91.70 to 92.70): VX008256.D (-1793) (-)

Ion 134.00 (133.70 to 134.70): VX008256.D (-1793) (-)



#90

Hexachloroethane

Concen: 52.425 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX008256.D

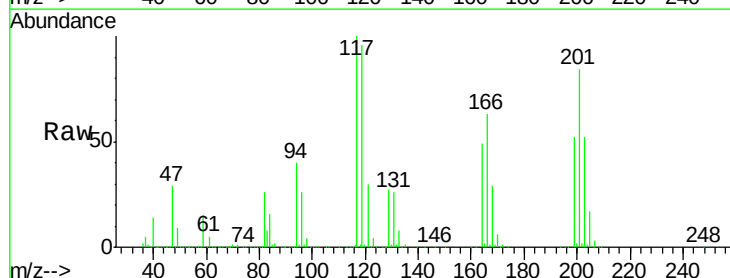
Acq: 20 Mar 2019 21:03

Tgt Ion: 117 Resp: 133651

Ion Ratio Lower Upper

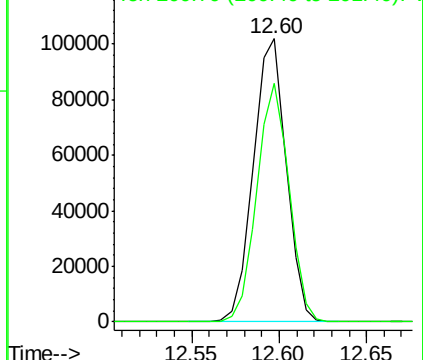
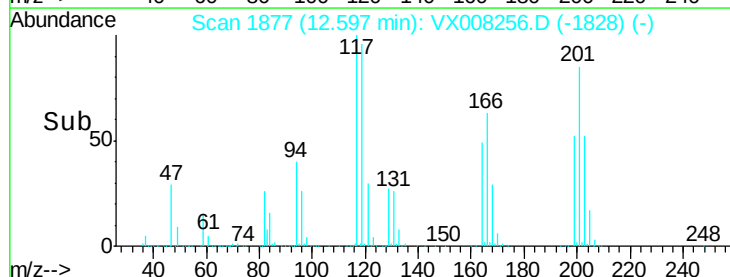
117 100

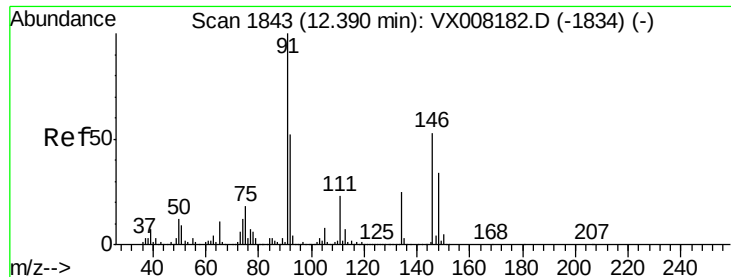
201 82.4 48.9 146.7



Abundance Ion 116.80 (116.50 to 117.50): VX008256.D (-1828) (-)

Ion 200.70 (200.40 to 201.40): VX008256.D (-1828) (-)

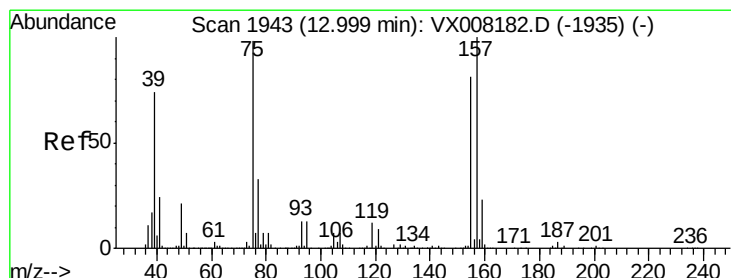
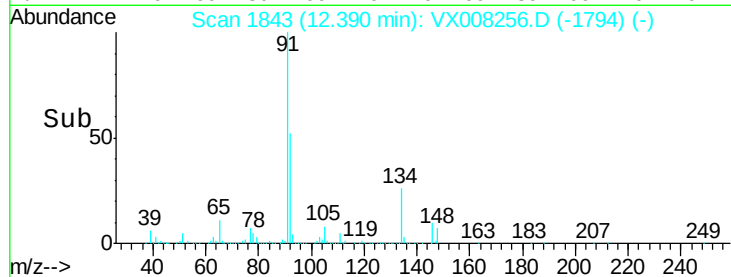
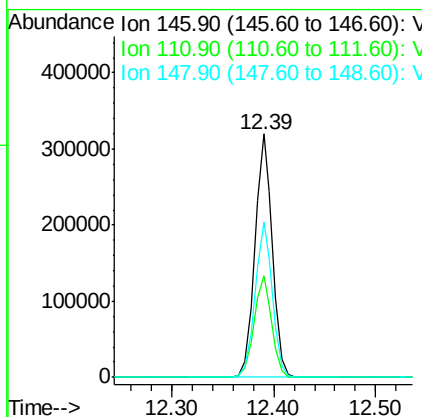
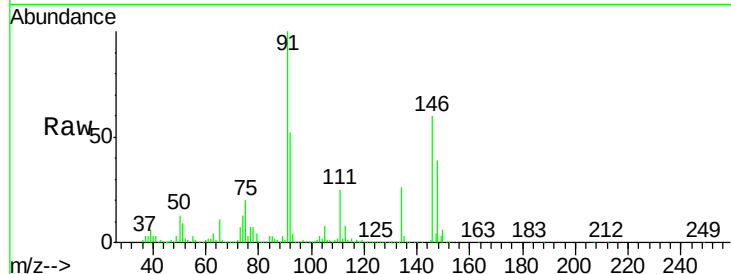




#91
 1,2-Dichlorobenzene
 Concen: 49.628 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX008256.D
 Acq: 20 Mar 2019 21:03

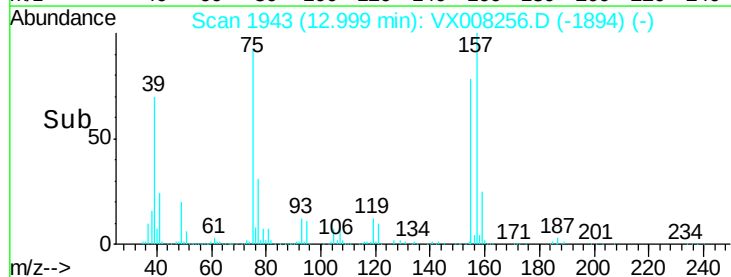
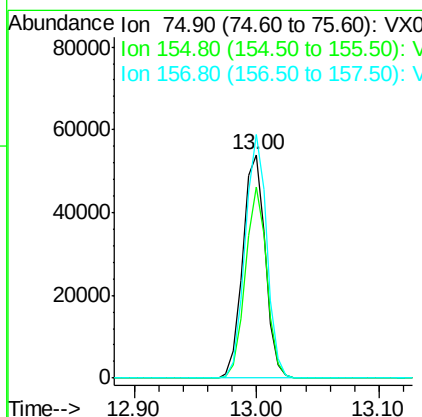
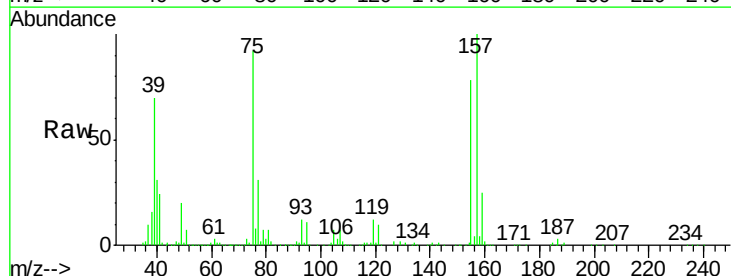
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

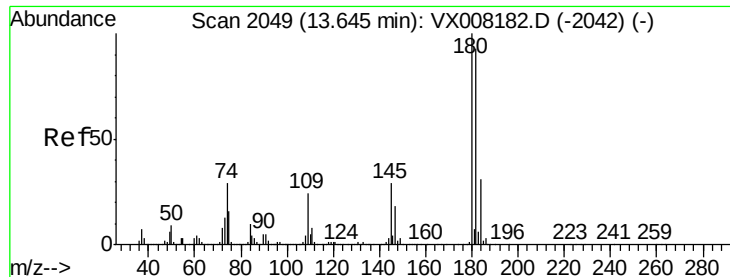
Tot Ion:146 Resp: 382795
 Ion Ratio Lower Upper
 146 100
 111 42.2 19.6 58.8
 148 63.7 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.443 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX008256.D
 Acq: 20 Mar 2019 21:03

Tgt Ion: 75 Resp: 68305
 Ion Ratio Lower Upper
 75 100
 155 81.7 49.7 149.1
 157 105.6 63.8 191.4

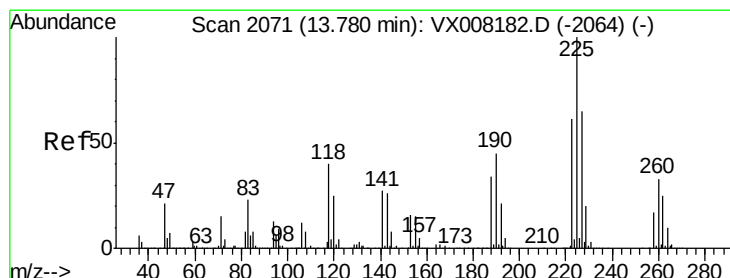
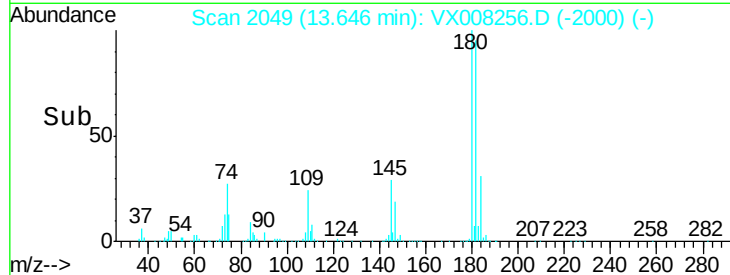
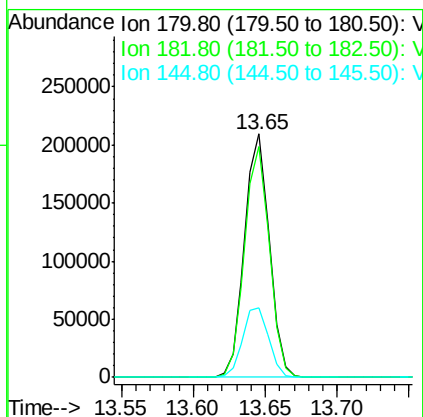
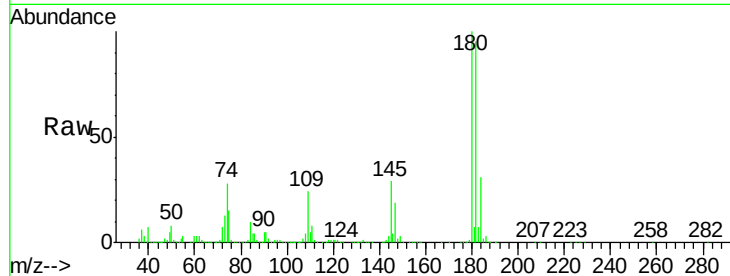




#93
 1,2,4-Trichlorobenzene
 Concen: 49.174 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008256.D
 Acq: 20 Mar 2019 21:03

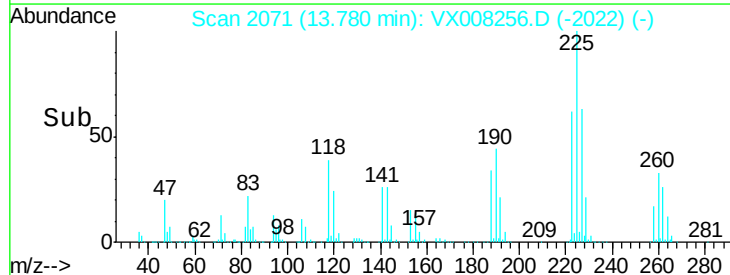
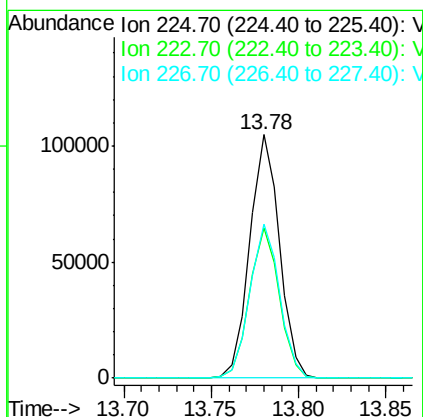
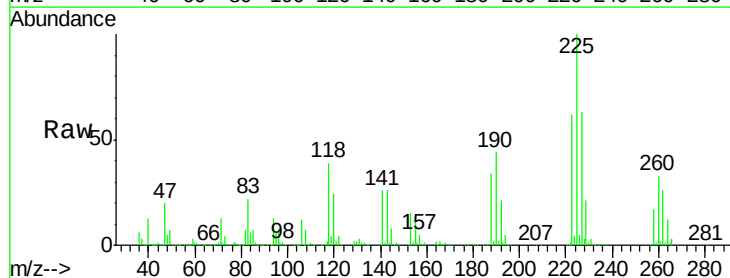
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

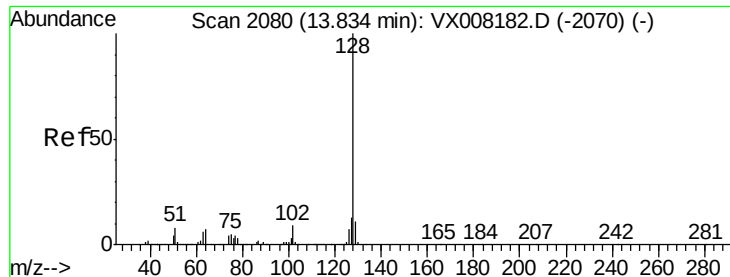
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.9	143.7
145	30.0	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 49.730 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX008256.D
 Acq: 20 Mar 2019 21:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	31.1	93.2
227	63.5	32.0	96.0

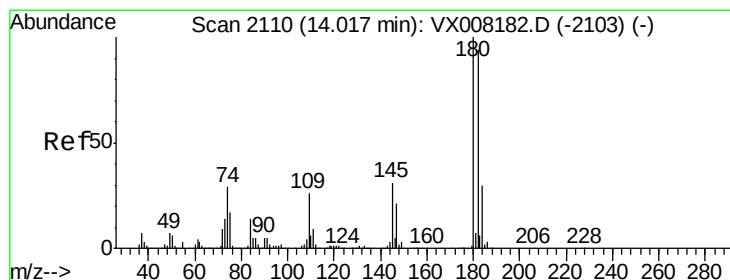
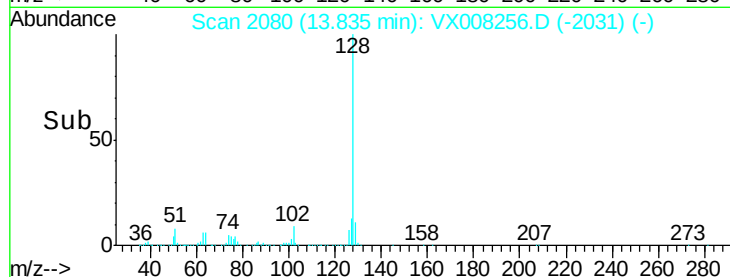
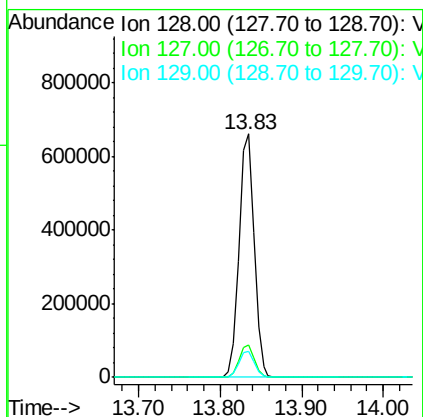
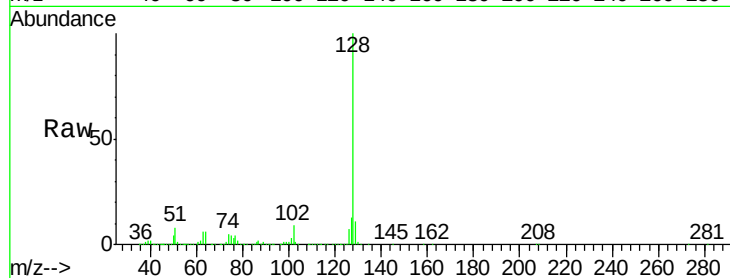




#95
Naphthalene
Concen: 51.727 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX008256.D
Acq: 20 Mar 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 829479
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 50.163 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX008256.D
Acq: 20 Mar 2019 21:03

Tgt Ion:180 Resp: 250777
Ion Ratio Lower Upper
180 100
182 95.5 47.5 142.5
145 31.8 14.8 44.3

