

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051719\
 Data File : VX009687.D
 Acq On : 18 May 2019 01:11
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 18 04:56:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	141067	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	232208	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	213704	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	105540	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	90076	46.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.54%	
35) Dibromofluoromethane	5.50	113	65587	44.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.86%	
50) Toluene-d8	8.71	98	260078	44.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.26%	
62) 4-Bromofluorobenzene	11.13	95	96927	45.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	57231	44.025	ug/l	98
3) Chloromethane	1.32	50	89550	50.457	ug/l	99
4) Vinyl Chloride	1.41	62	89535	51.736	ug/l	98
5) Bromomethane	1.64	94	56048	53.958	ug/l	97
6) Chloroethane	1.71	64	58904	53.013	ug/l	97
7) Trichlorofluoromethane	1.92	101	113546	53.975	ug/l	98
8) Diethyl Ether	2.19	74	54421	54.614	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	67562	51.143	ug/l	99
10) Methyl Iodide	2.51	142	73831	48.276	ug/l	99
11) Tert butyl alcohol	3.06	59	140172	314.456	ug/l	99
12) 1,1-Dichloroethene	2.37	96	68391	51.670	ug/l	99
13) Acrolein	2.29	56	102514	253.940	ug/l	100
14) Allyl chloride	2.72	41	170556	52.875	ug/l	98
15) Acrylonitrile	3.15	53	331570	304.216	ug/l	99
16) Acetone	2.45	43	294357	284.666	ug/l	98
17) Carbon Disulfide	2.56	76	179322	48.255	ug/l	99
18) Methyl Acetate	2.78	43	154588	62.862	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	294399	57.277	ug/l	99
20) Methylene Chloride	2.85	84	89264	53.315	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	75950	52.910	ug/l	100
22) Diisopropyl ether	3.86	45	355080	57.240	ug/l	94
23) Vinyl Acetate	3.82	43	1565986	294.803	ug/l	99
24) 1,1-Dichloroethane	3.70	63	169031	55.236	ug/l	100
25) 2-Butanone	4.68	43	499296	310.726	ug/l	100
26) 2,2-Dichloropropane	4.58	77	83117	36.490	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	93155	54.369	ug/l	96
28) Bromochloromethane	5.02	49	49943	39.994	ug/l	98
29) Tetrahydrofuran	5.13	42	329955	319.101	ug/l	98
30) Chloroform	5.21	83	155714	56.261	ug/l	100
31) Cyclohexane	5.58	56	148770	52.254	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	127635	55.397	ug/l	99
36) 1,1-Dichloropropene	5.80	75	113623	52.653	ug/l	99
37) Ethyl Acetate	4.84	43	183660	61.085	ug/l	99
38) Carbon Tetrachloride	5.78	117	105420	53.769	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	130472	49.232	ug/l	99
40) Benzene	6.14	78	357924	53.594	ug/l	100
41) Methacrylonitrile	5.04	41	103263	57.696	ug/l	99
42) 1,2-Dichloroethane	6.20	62	133977	55.925	ug/l	99
43) Isopropyl Acetate	6.45	43	289674	60.232	ug/l	99
44) Trichloroethene	7.21	130	84548	52.367	ug/l	98
45) 1,2-Dichloropropane	7.51	63	103461	54.710	ug/l	99
46) Dibromomethane	7.66	93	59973	54.613	ug/l	100
47) Bromodichloromethane	7.90	83	122489	55.917	ug/l	98
48) Methyl methacrylate	7.77	41	146871	61.555	ug/l	99
49) 1,4-Dioxane	7.74	88	55566	1148.344	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	989910	314.911	ug/l	99
52) Toluene	8.79	92	222378	54.778	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	135164	54.653	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	146147	53.389	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	93284	56.323	ug/l	96
56) Ethyl methacrylate	9.18	69	174986	59.188	ug/l	98
57) 1,3-Dichloropropane	9.37	76	164453	56.425	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	346972	221.228	ug/l	99
59) 2-Hexanone	9.49	43	757987	307.022	ug/l	98
60) Dibromochloromethane	9.58	129	93381	57.728	ug/l	99
61) 1,2-Dibromoethane	9.67	107	94279	56.392	ug/l	99
64) Tetrachloroethene	9.34	164	79807	54.442	ug/l	99
65) Chlorobenzene	10.14	112	231901	54.245	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	86726	55.957	ug/l	100
67) Ethyl Benzene	10.25	91	427788	54.373	ug/l	100
68) m/p-Xylenes	10.36	106	314027	109.223	ug/l	99
69) o-Xylene	10.69	106	153731	54.193	ug/l	99
70) Styrene	10.71	104	273534	55.479	ug/l	99
71) Bromoform	10.86	173	72653	57.683	ug/l #	100
73) Isopropylbenzene	11.02	105	411407	53.605	ug/l	99
74) N-amyl acetate	10.90	43	258590	57.792	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	159089	55.605	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	182923	74.719	ug/l	81
77) Bromobenzene	11.26	156	103574	54.372	ug/l	99
78) n-propylbenzene	11.36	91	469467	53.562	ug/l	99
79) 2-Chlorotoluene	11.42	91	284483	52.609	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	348226	53.887	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	47805	49.963	ug/l	97
82) 4-Chlorotoluene	11.51	91	328473	53.769	ug/l	99
83) tert-Butylbenzene	11.77	119	335460	53.363	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	353241	54.459	ug/l	100
85) sec-Butylbenzene	11.94	105	396295	53.173	ug/l	100
86) p-Isopropyltoluene	12.06	119	362951	54.171	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	179296	52.799	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	180874	52.831	ug/l	100
89) n-Butylbenzene	12.38	91	321627	53.110	ug/l	99
90) Hexachloroethane	12.60	117	62811	55.026	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	183927	53.176	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	36916	57.518	ug/l	98

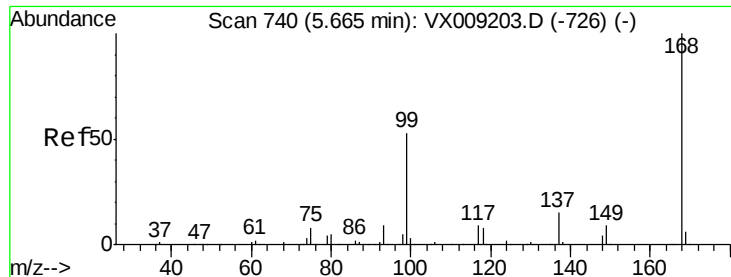
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	126566	53.511	ug/l	100
94) Hexachlorobutadiene	13.78	225	62857	52.041	ug/l	100
95) Naphthalene	13.83	128	435865	56.641	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	130915	54.603	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

Instrument :

MSVOA_X

ClientSampleId :

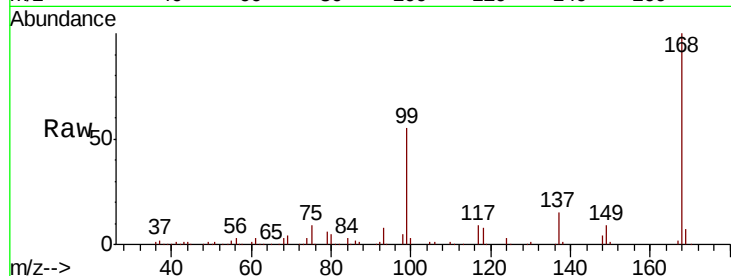
VSTDCCC050EC

Tot Ion:168 Resp: 141067

Ion Ratio Lower Upper

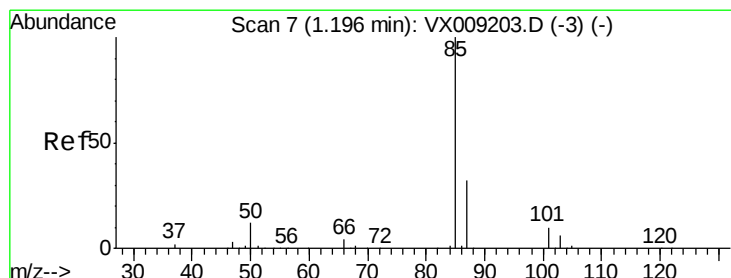
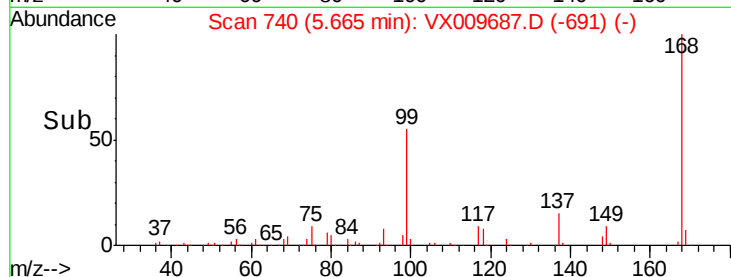
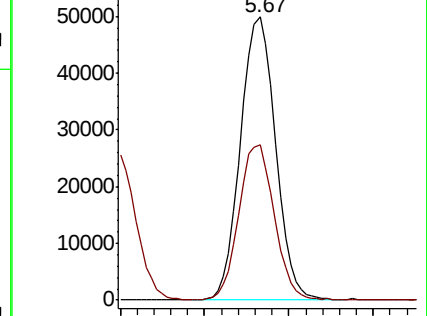
168 100

99 54.7 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 44.025 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009687.D

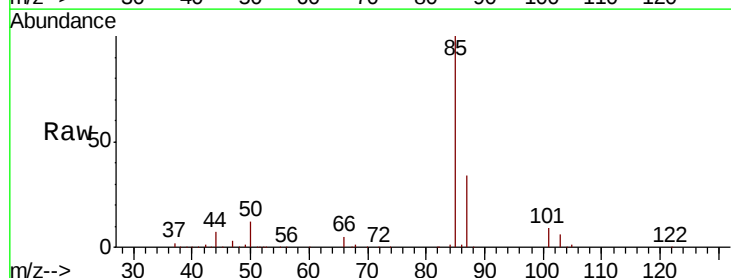
Acq: 18 May 2019 01:11

Tgt Ion: 85 Resp: 57231

Ion Ratio Lower Upper

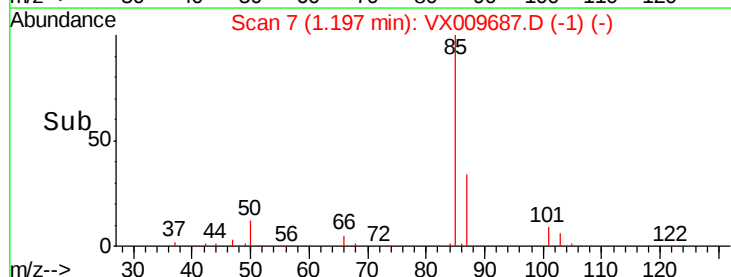
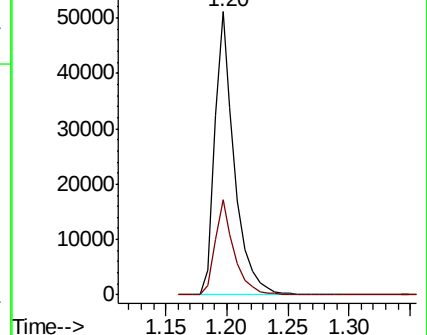
85 100

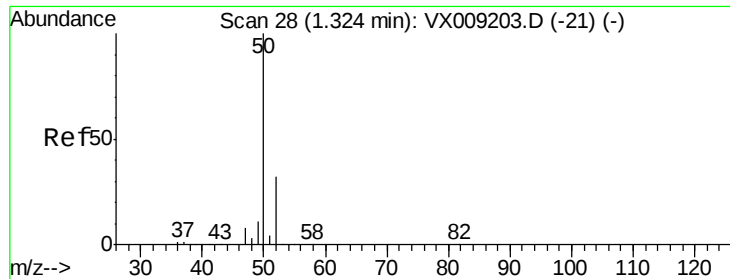
87 33.5 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 50.457 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

Instrument :

MSVOA_X

ClientSampleId :

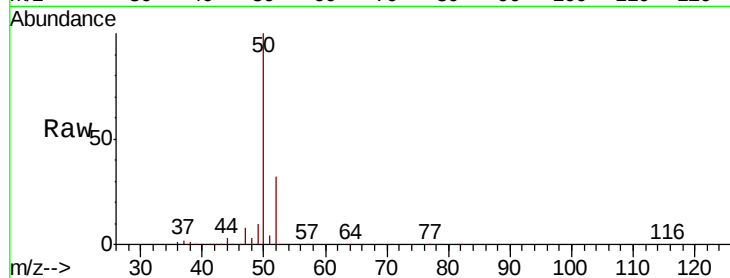
VSTDCCC050EC

Tot Ion: 50 Resp: 89550

Ion Ratio Lower Upper

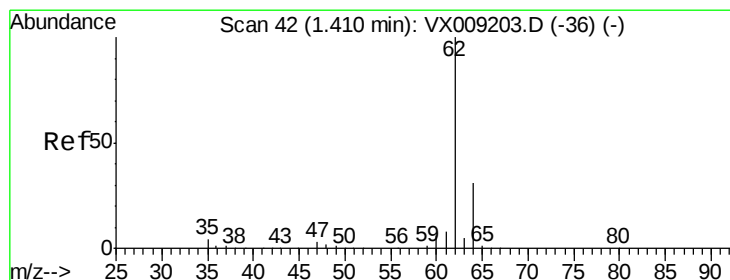
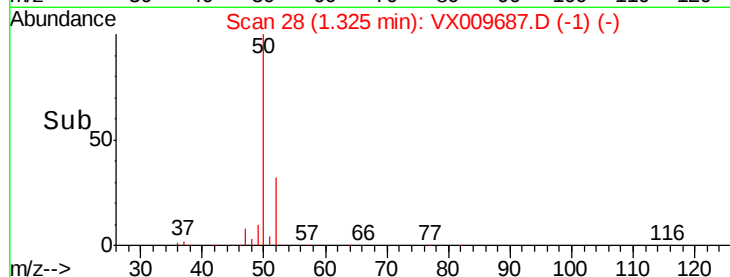
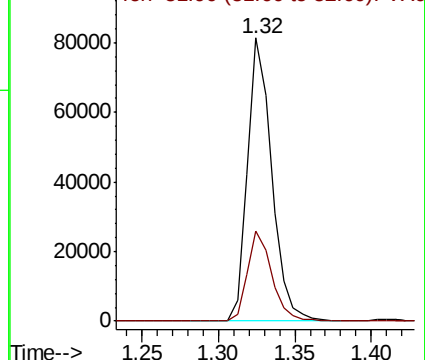
50 100

52 31.7 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 51.736 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX009687.D

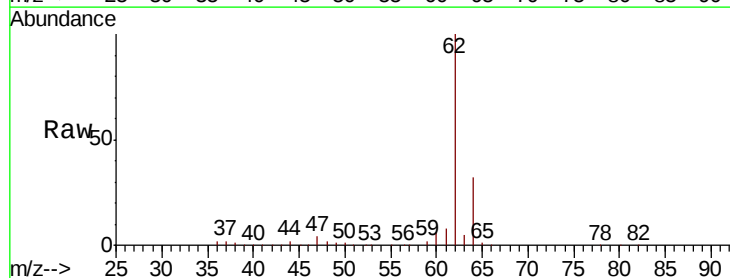
Acq: 18 May 2019 01:11

Tgt Ion: 62 Resp: 89535

Ion Ratio Lower Upper

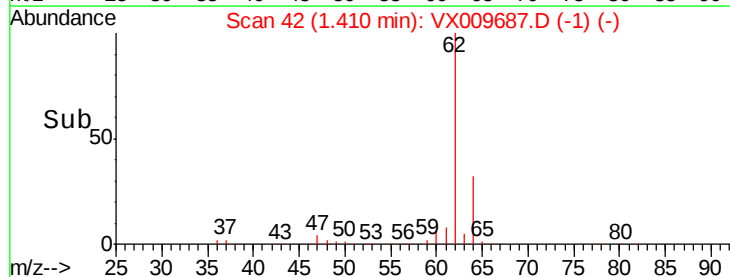
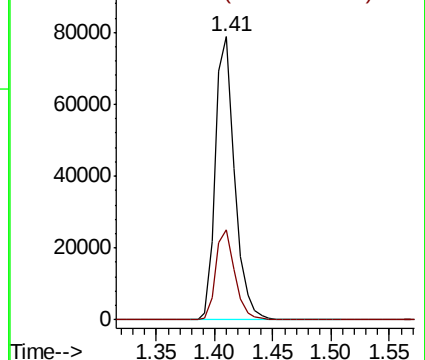
62 100

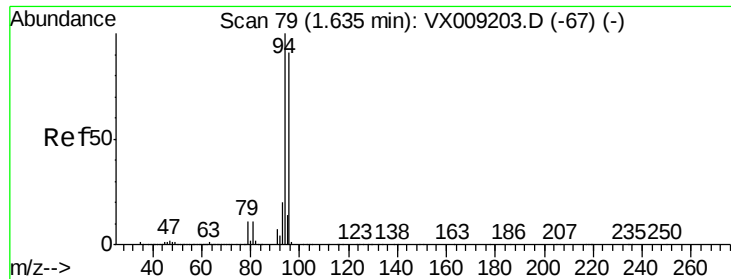
64 31.7 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 53.958 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

Instrument :

MSVOA_X

ClientSampleId :

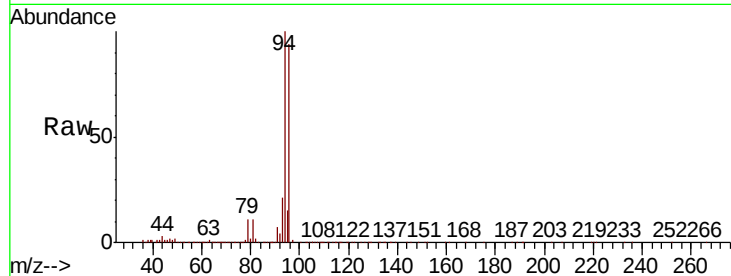
VSTDCCC050EC

Tot Ion: 94 Resp: 56048

Ion Ratio Lower Upper

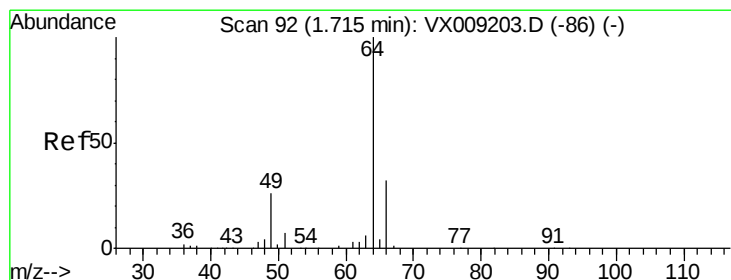
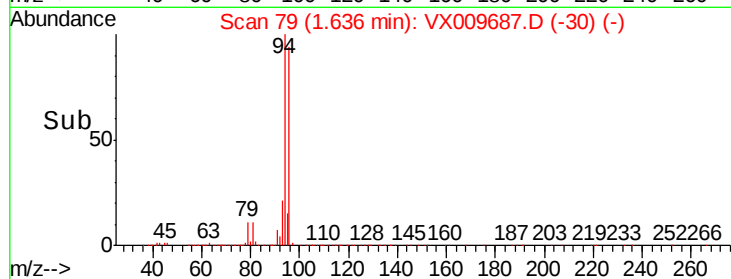
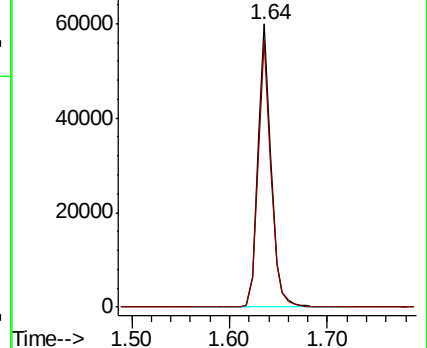
94 100

96 94.2 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 53.013 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX009687.D

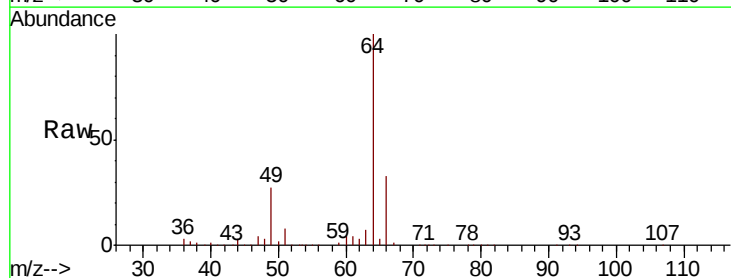
Acq: 18 May 2019 01:11

Tgt Ion: 64 Resp: 58904

Ion Ratio Lower Upper

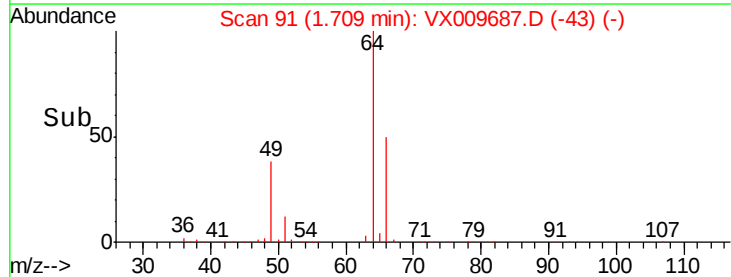
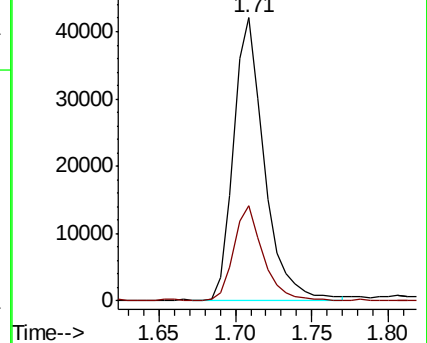
64 100

66 33.2 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



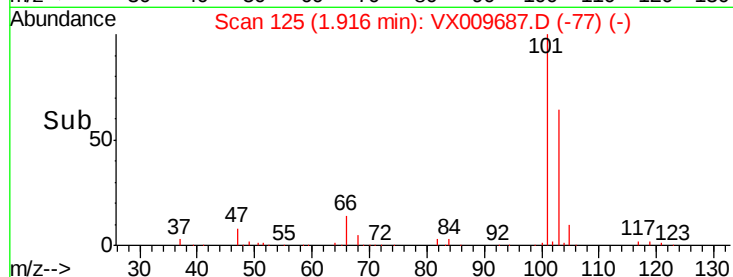
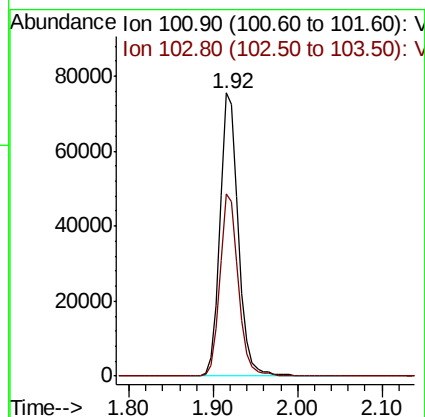
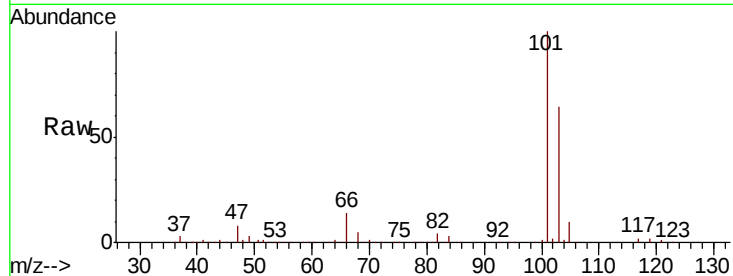


#7

Trichlorofluoromethane
 Concen: 53.975 ug/l
 RT: 1.92 min Scan# 125
 Delta R.T. -0.01 min
 Lab File: VX009687.D
 Acq: 18 May 2019 01:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

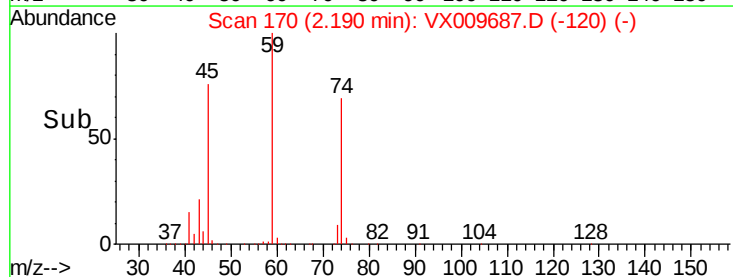
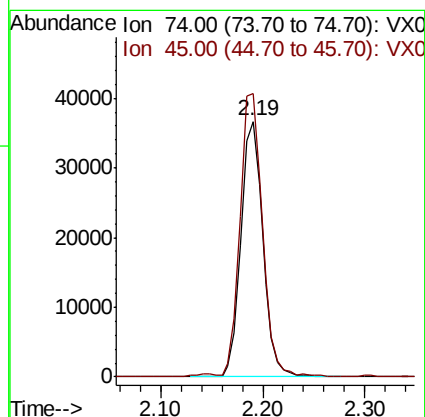
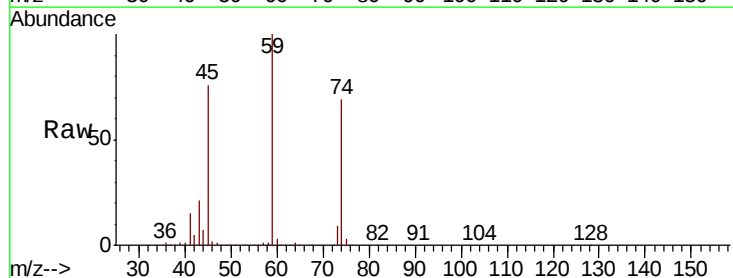
Tot Ion:101 Resp: 113546
 Ion Ratio Lower Upper
 101 100
 103 64.3 52.4 78.6



#8

Diethyl Ether
 Concen: 54.614 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX009687.D
 Acq: 18 May 2019 01:11

Tgt Ion: 74 Resp: 54421
 Ion Ratio Lower Upper
 74 100
 45 112.0 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.143 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

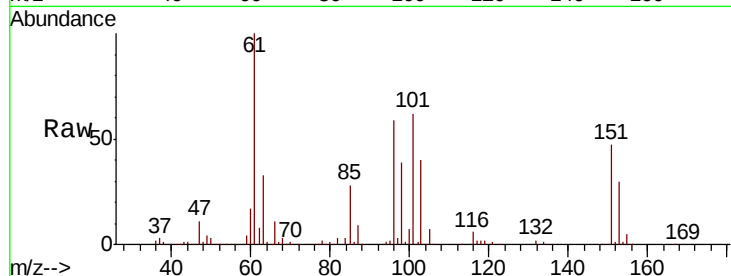
Tot Ion:101 Resp: 67562

Ion Ratio Lower Upper

101 100

85 44.4 35.7 53.5

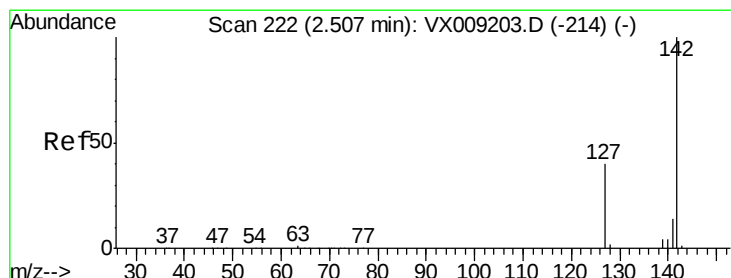
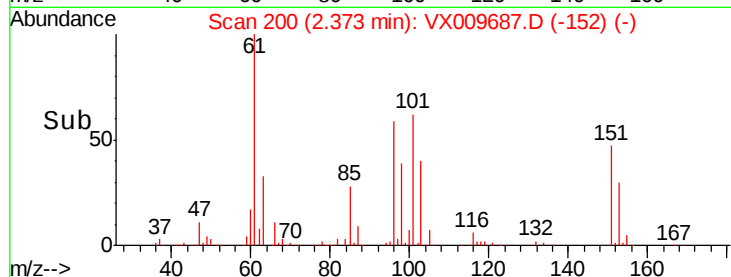
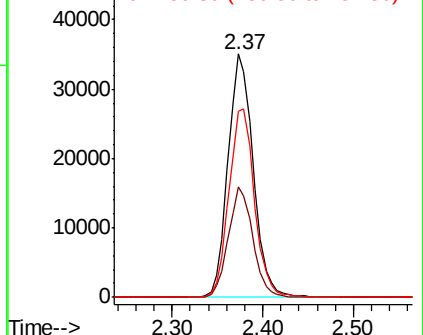
151 78.7 62.2 93.2



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: 48.276 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

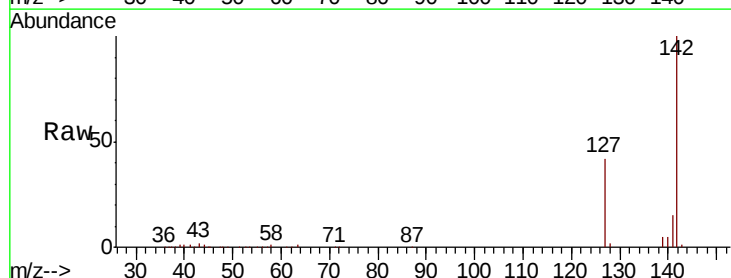
Tgt Ion:142 Resp: 73831

Ion Ratio Lower Upper

142 100

127 41.8 32.7 49.1

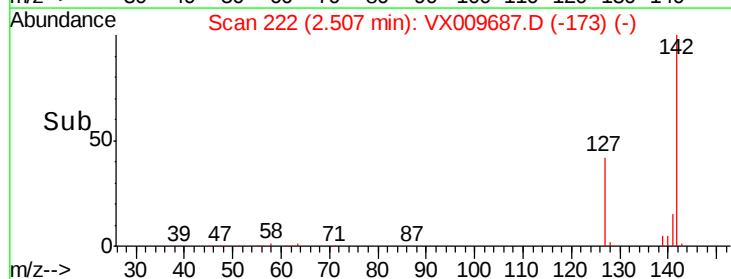
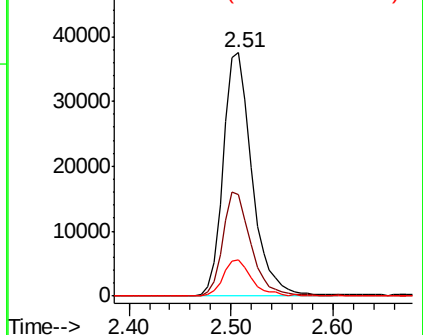
141 14.8 11.5 17.3

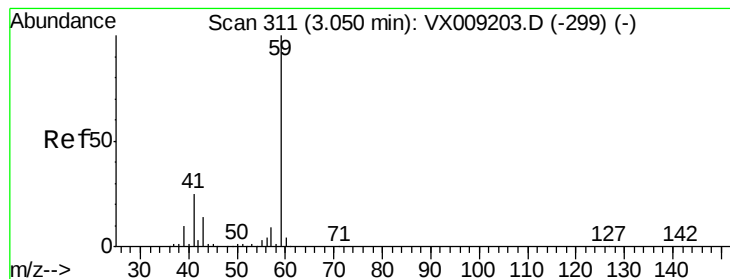


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



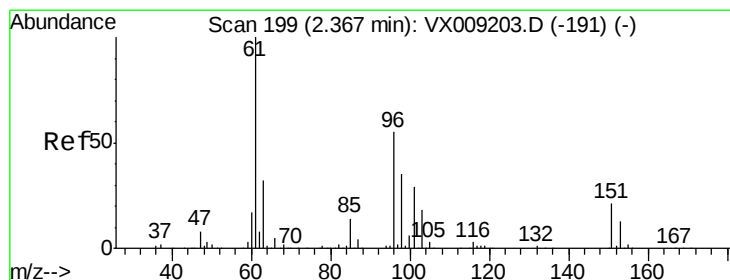
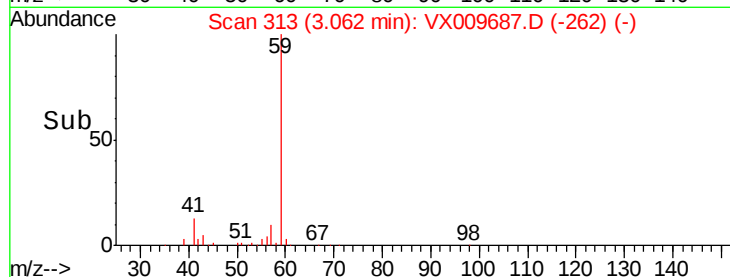
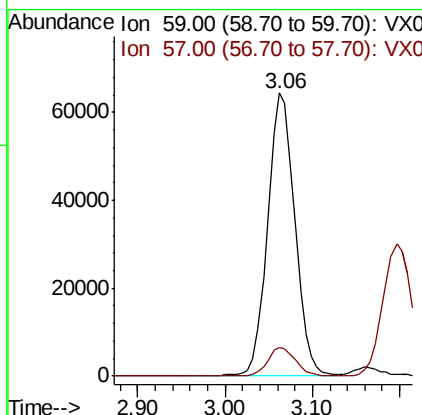
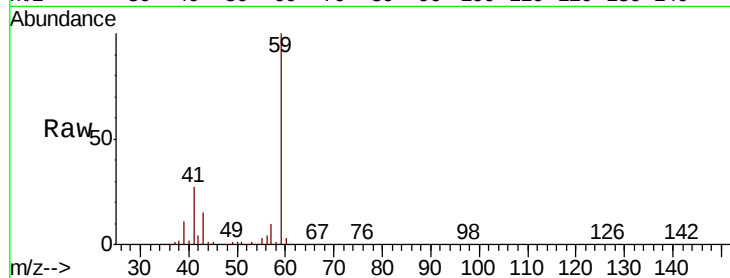


#11

Tert butyl alcohol
Concen: 314.456 ug/l
RT: 3.06 min Scan# 313
Delta R.T. 0.01 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

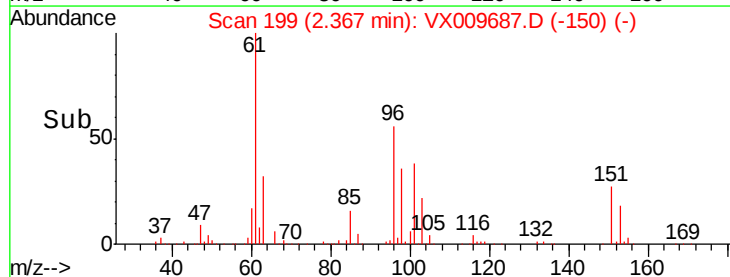
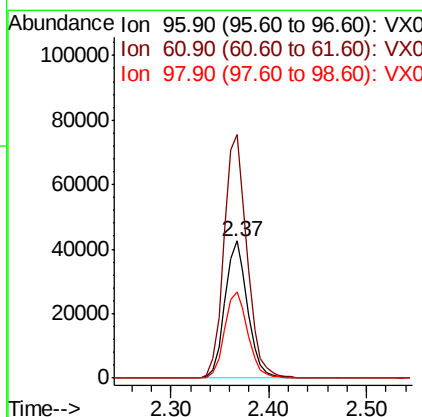
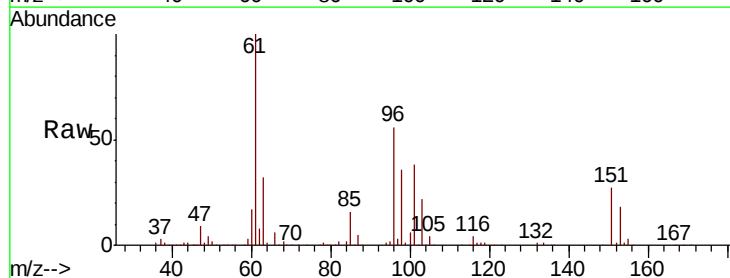
Tot Ion: 59 Resp: 140172
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.2

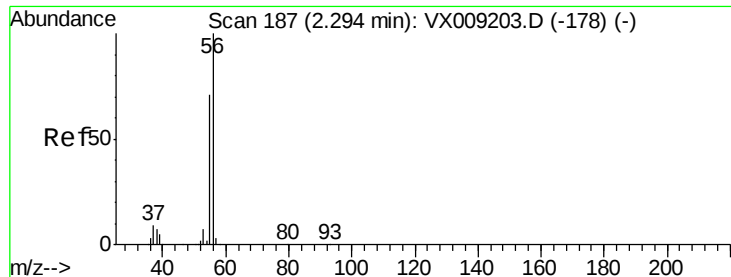


#12

1,1-Dichloroethene
Concen: 51.670 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

Tgt Ion: 96 Resp: 68391
Ion Ratio Lower Upper
96 100
61 178.0 144.3 216.5
98 63.2 50.3 75.5

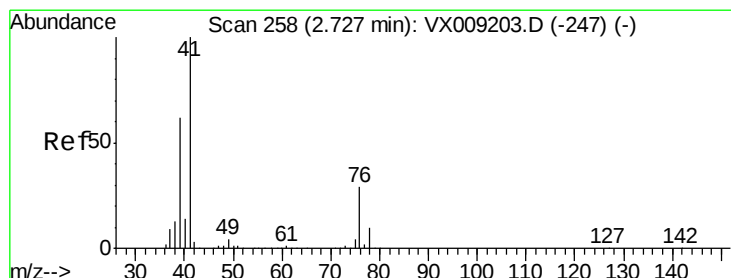
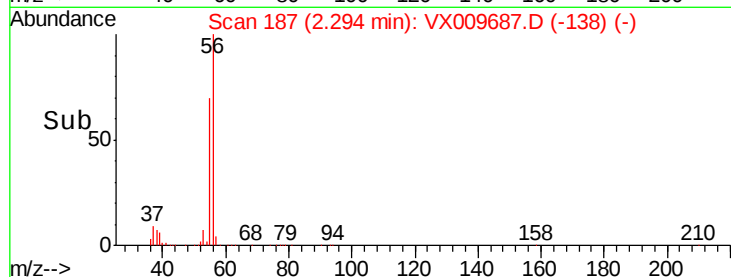
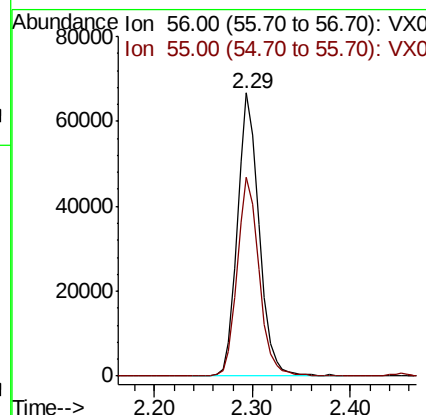
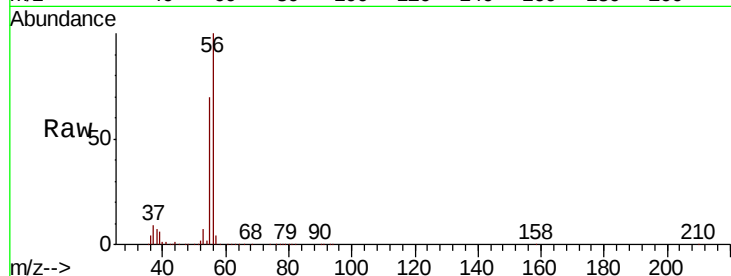




#13
Acrolein
Concen: 253.940 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

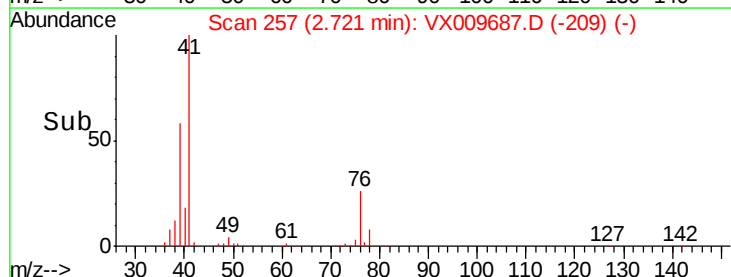
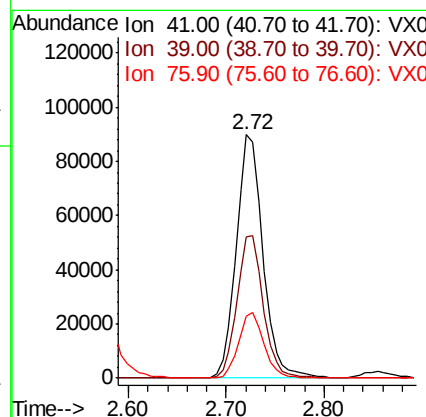
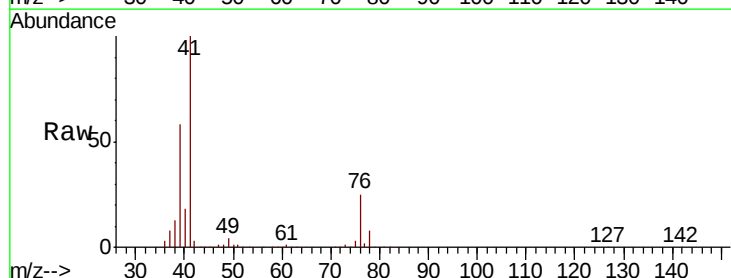
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 102514
Ion Ratio Lower Upper
56 100
55 70.7 56.6 85.0



#14
Allyl chloride
Concen: 52.875 ug/l
RT: 2.72 min Scan# 257
Delta R.T. -0.01 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

Tgt Ion: 41 Resp: 170556
Ion Ratio Lower Upper
41 100
39 57.7 46.7 70.1
76 25.7 21.8 32.8





#15

Acrylonitrile

Concen: 304.216 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

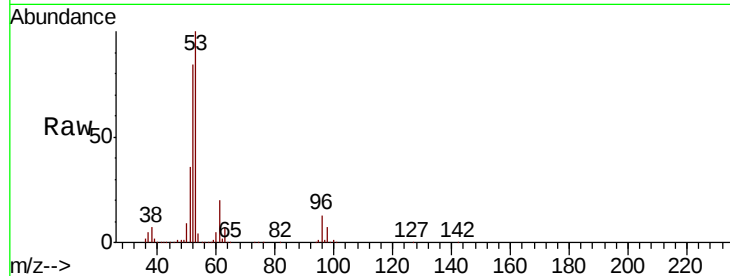
Tot Ion: 53 Resp: 331570

Ion Ratio Lower Upper

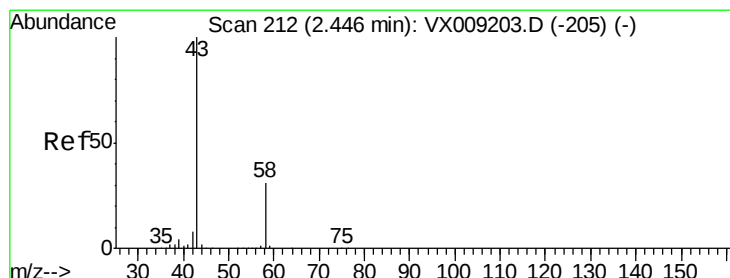
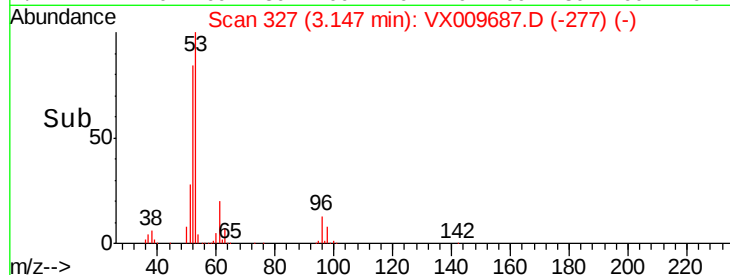
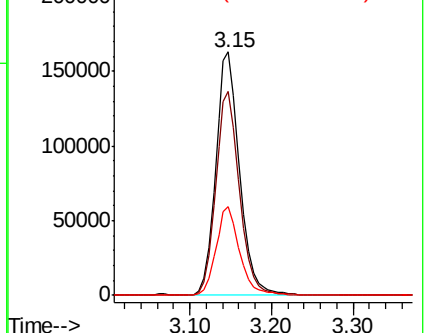
53 100

52 83.7 66.9 100.3

51 36.3 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 284.666 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX009687.D

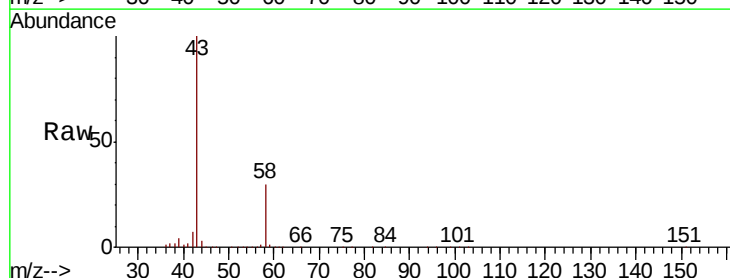
Acq: 18 May 2019 01:11

Tgt Ion: 43 Resp: 294357

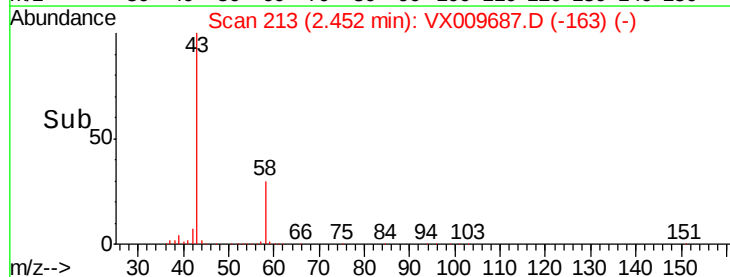
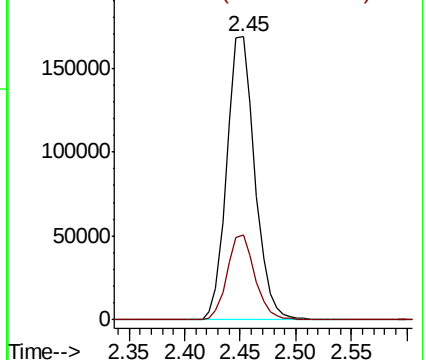
Ion Ratio Lower Upper

43 100

58 30.0 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

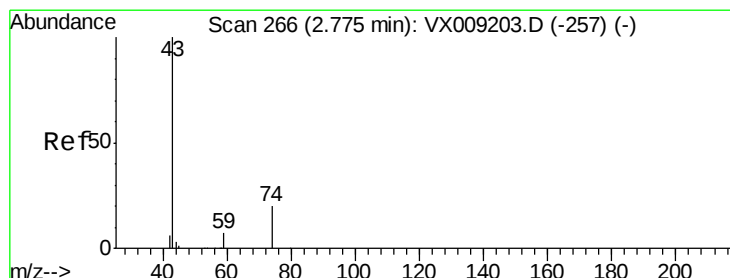
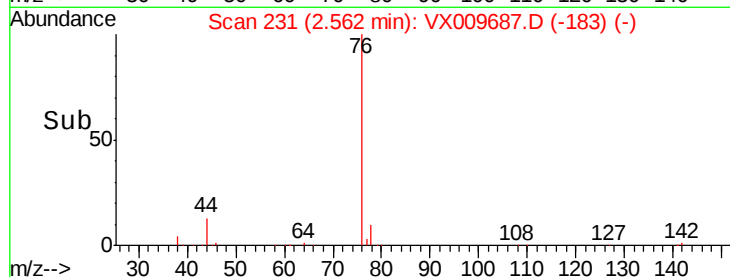
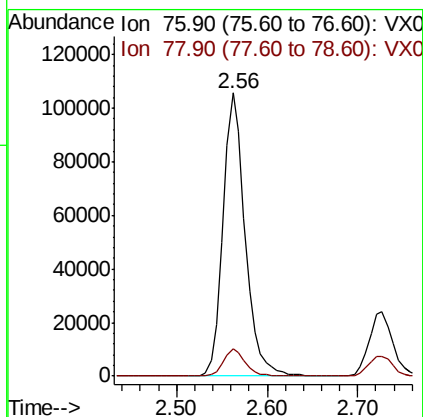
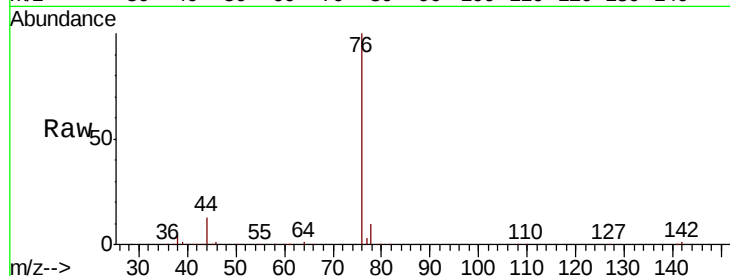




#17
Carbon Disulfide
Concen: 48.255 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

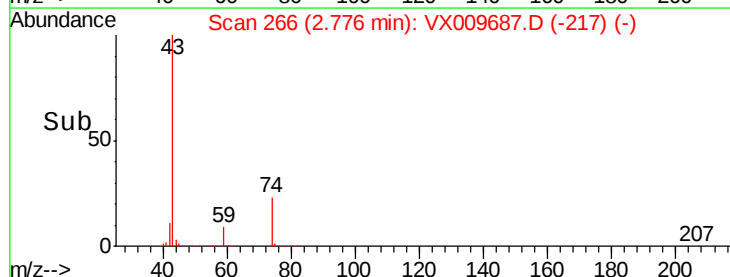
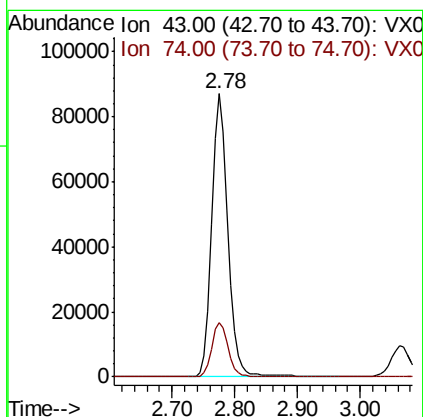
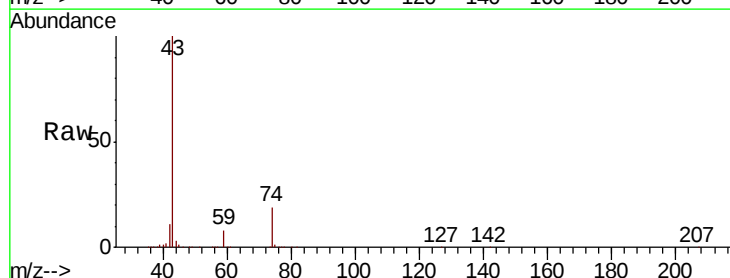
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

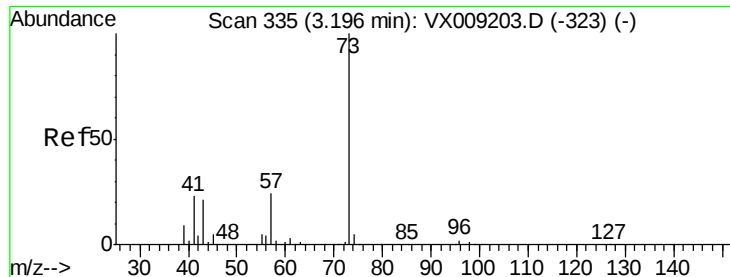
Tot Ion: 76 Resp: 179322
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0



#18
Methyl Acetate
Concen: 62.862 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

Tgt Ion: 43 Resp: 154588
Ion Ratio Lower Upper
43 100
74 19.2 16.2 24.4

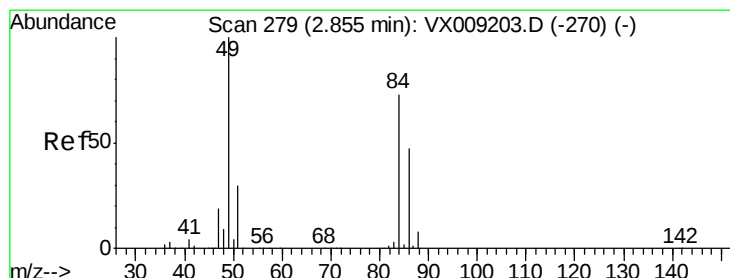
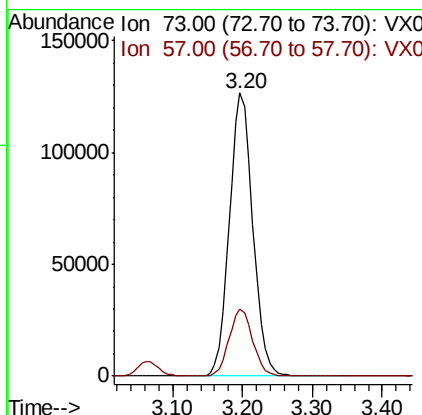
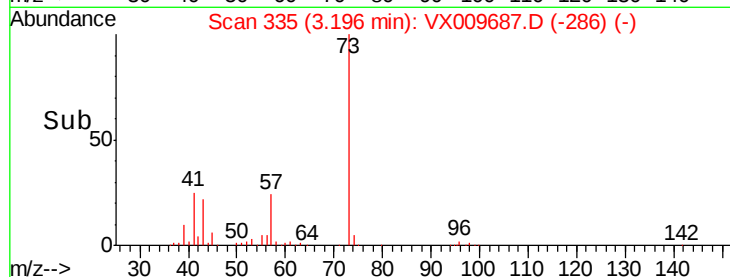
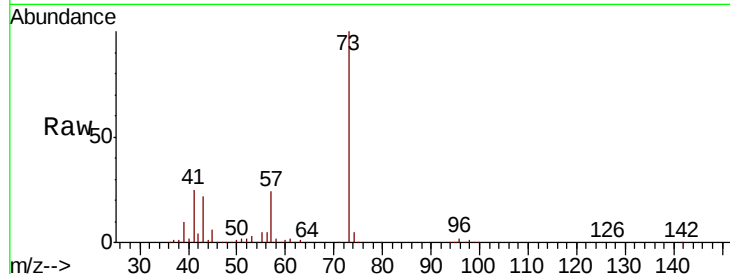




#19
Methyl tert-butyl Ether
Concen: 57.277 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

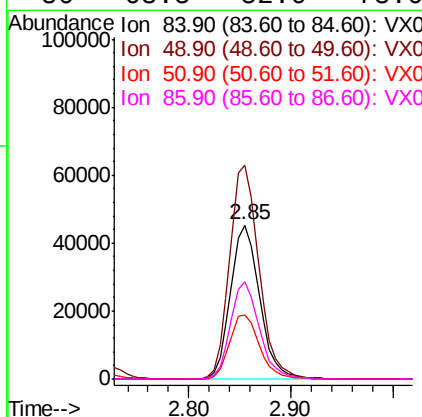
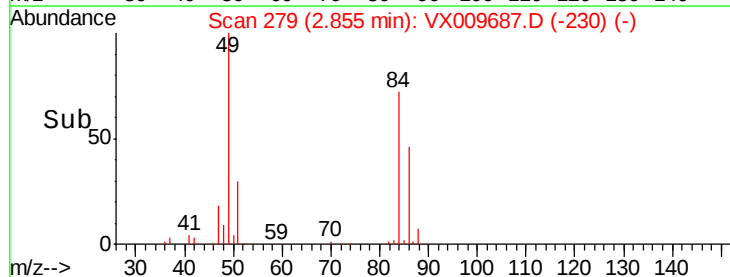
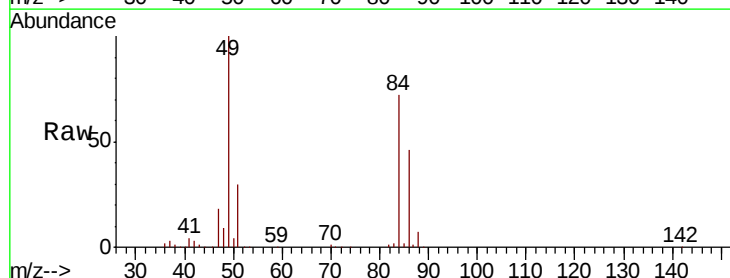
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

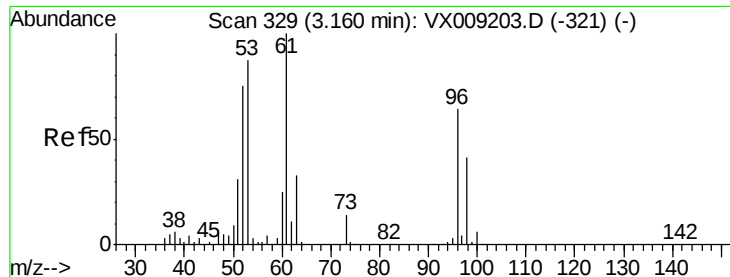
Tot Ion: 73 Resp: 294399
Ion Ratio Lower Upper
73 100
57 23.7 19.3 28.9



#20
Methylene Chloride
Concen: 53.315 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

Tgt Ion: 84 Resp: 89264
Ion Ratio Lower Upper
84 100
49 139.0 109.9 164.9
51 41.9 32.7 49.1
86 63.5 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 52.910 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

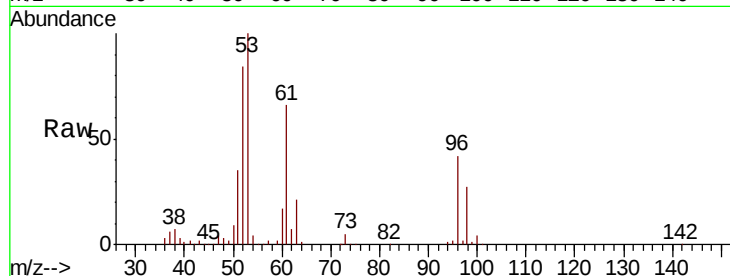
Tot Ion: 96 Resp: 75950

Ion Ratio Lower Upper

96 100

61 156.1 124.5 186.7

98 63.0 50.4 75.6

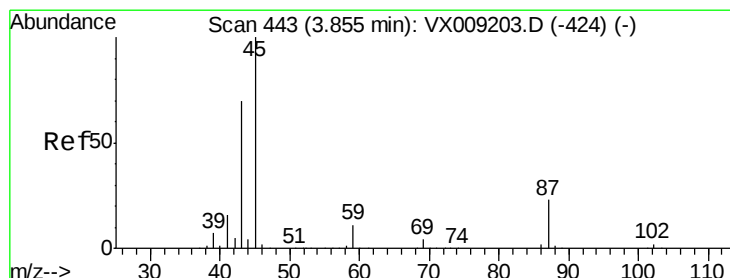
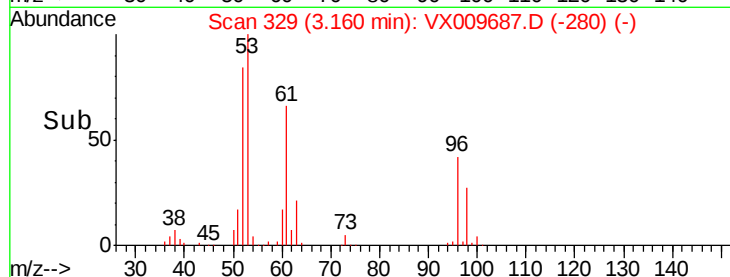
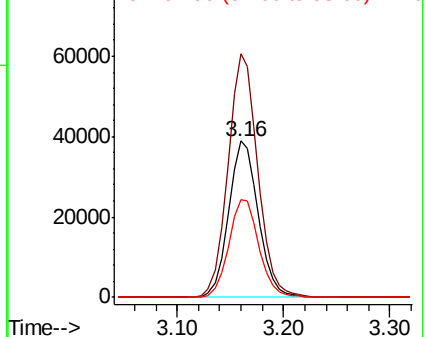


Abundance

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: 57.240 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

Tgt Ion: 45 Resp: 355080

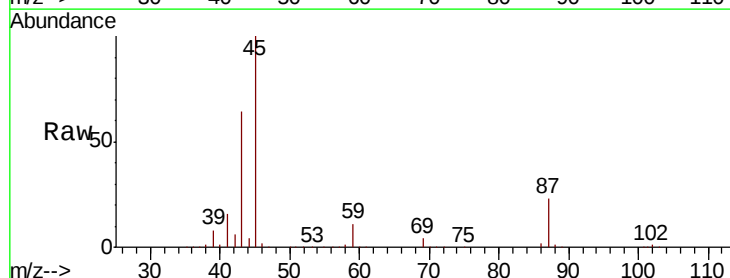
Ion Ratio Lower Upper

45 100

43 63.5 56.1 84.1

87 22.8 18.1 27.1

59 10.6 8.5 12.7



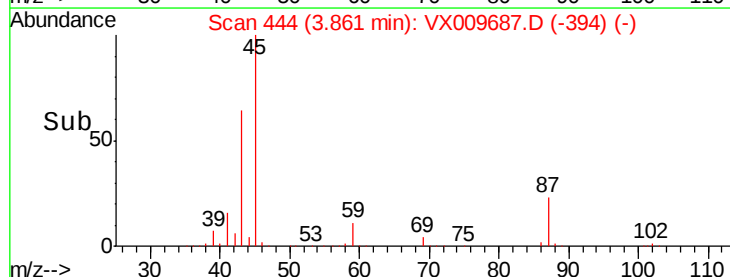
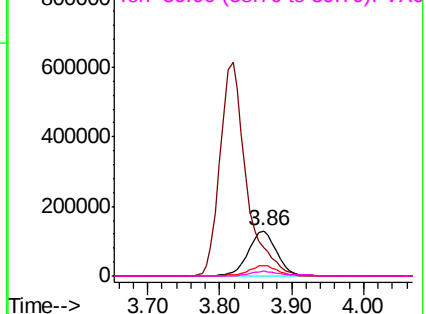
Abundance

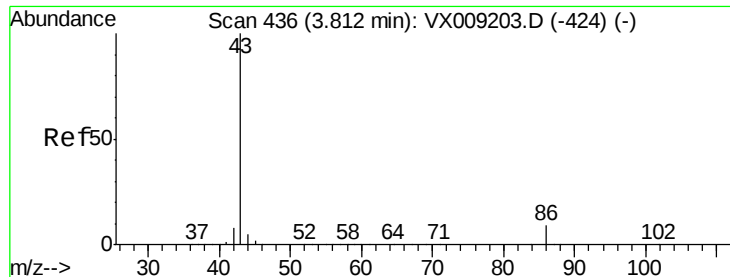
Ion 45.00 (44.70 to 45.70): VX0

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: 294.803 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.01 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

Instrument :

MSVOA_X

ClientSampleId :

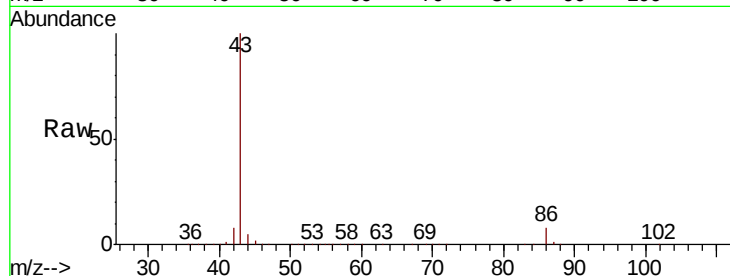
VSTDCCC050EC

Tot Ion: 43 Resp: 1565986

Ion Ratio Lower Upper

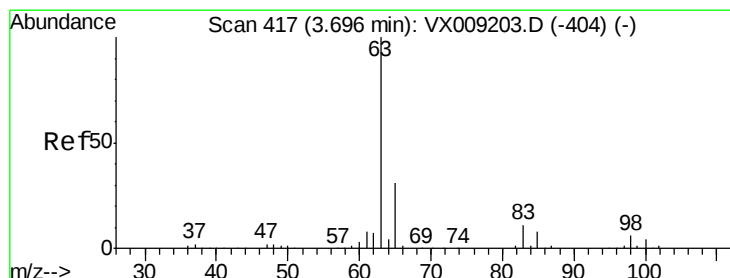
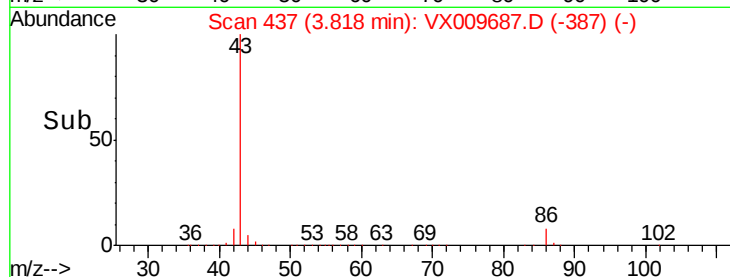
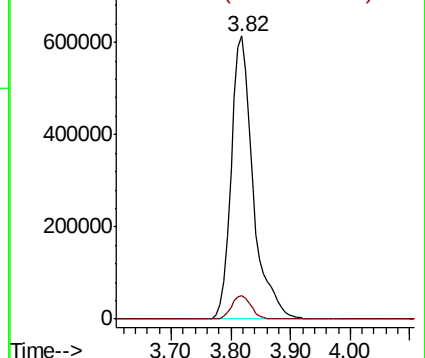
43 100

86 8.3 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 55.236 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

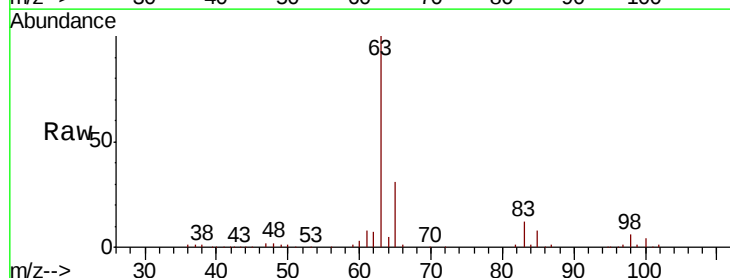
Tgt Ion: 63 Resp: 169031

Ion Ratio Lower Upper

63 100

98 6.2 3.0 9.2

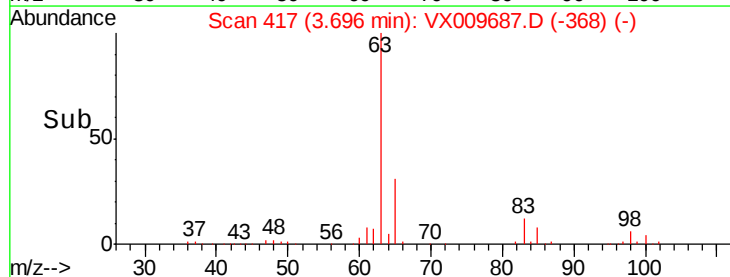
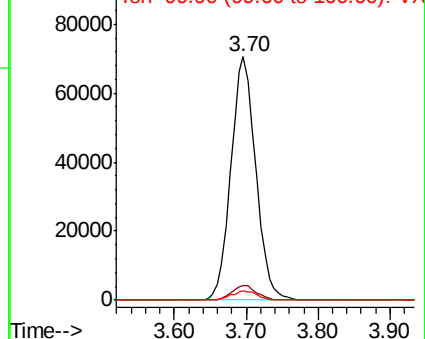
100 3.8 2.0 6.0

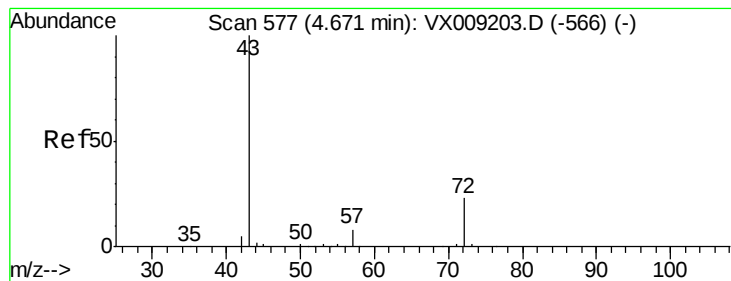


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 310.726 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

Instrument :

MSVOA_X

ClientSampleId :

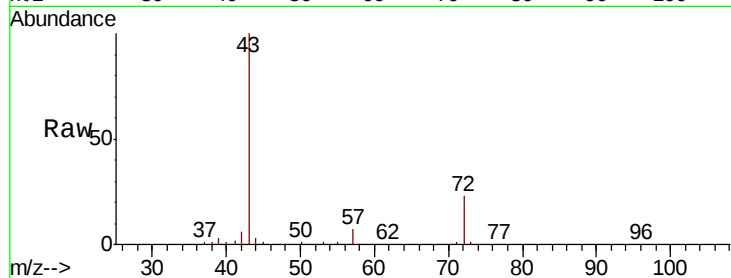
VSTDCCC050EC

Tot Ion: 43 Resp: 499296

Ion Ratio Lower Upper

43 100

72 22.7 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

200000

150000

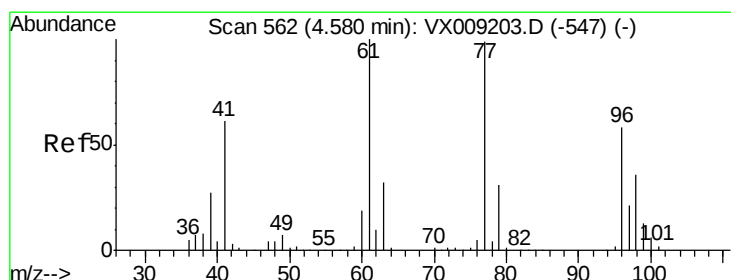
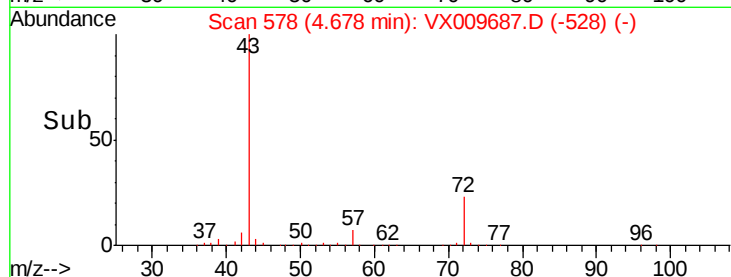
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 36.490 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX009687.D

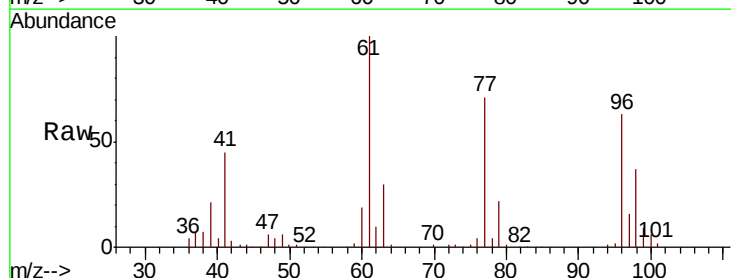
Acq: 18 May 2019 01:11

Tgt Ion: 77 Resp: 83117

Ion Ratio Lower Upper

77 100

97 24.1 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

30000

25000

20000

15000

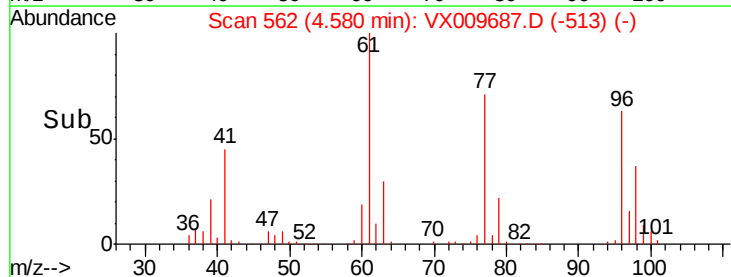
10000

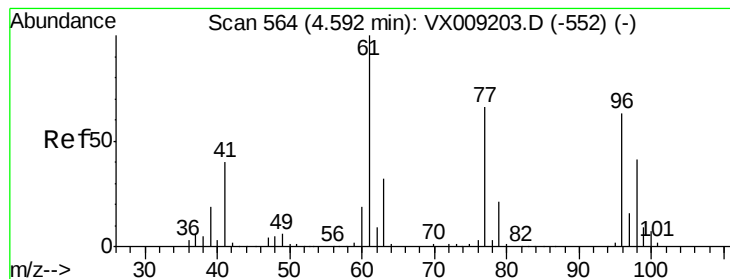
5000

0

4.50 4.60 4.70

Time-->



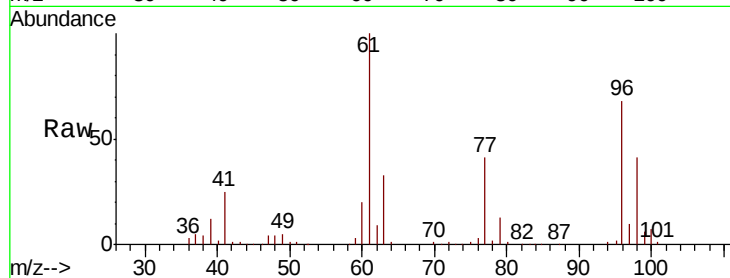


#27

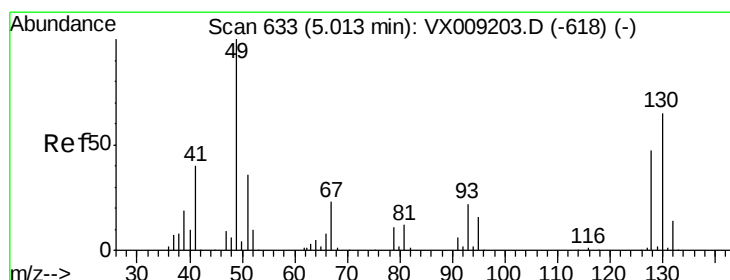
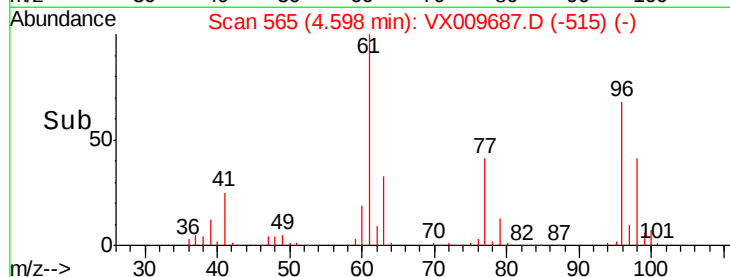
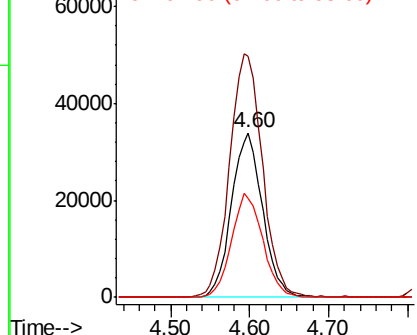
cis-1,2-Dichloroethene
Concen: 54.369 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 93155
Ion Ratio Lower Upper
96 100
61 156.3 0.0 324.0
98 63.4 0.0 130.4



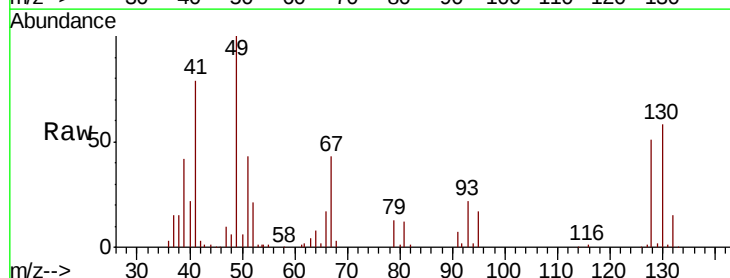
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



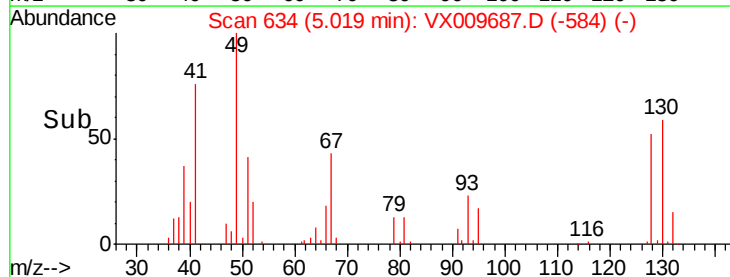
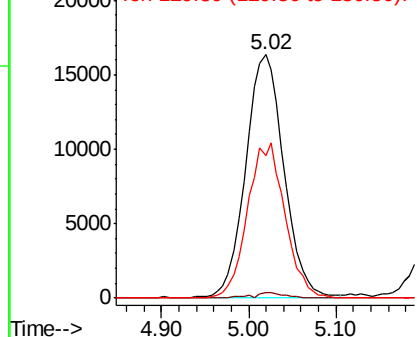
#28

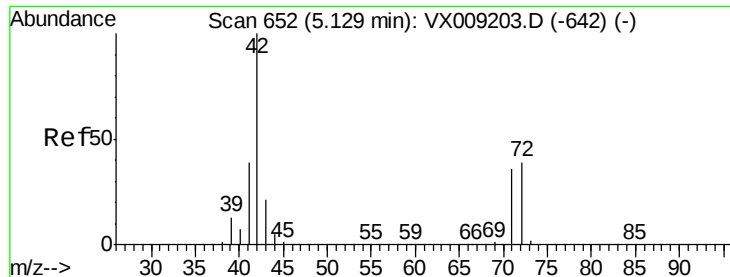
Bromochloromethane
Concen: 39.994 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

Tgt Ion: 49 Resp: 49943
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.8
130 62.1 51.2 76.8



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

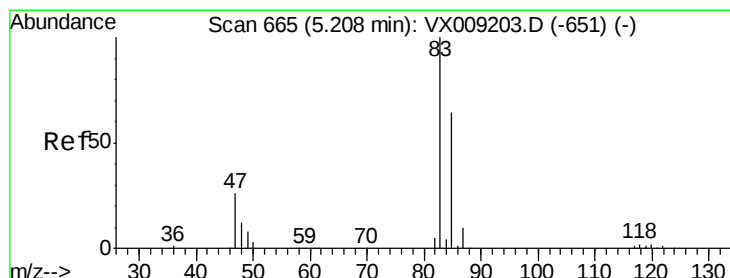
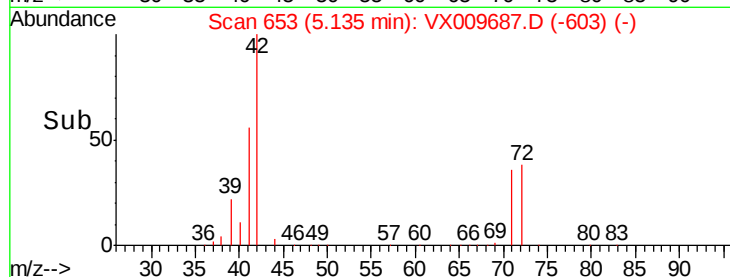
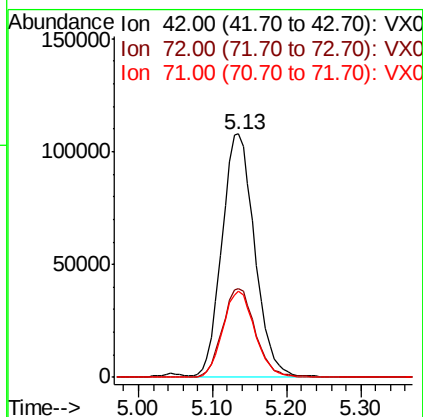
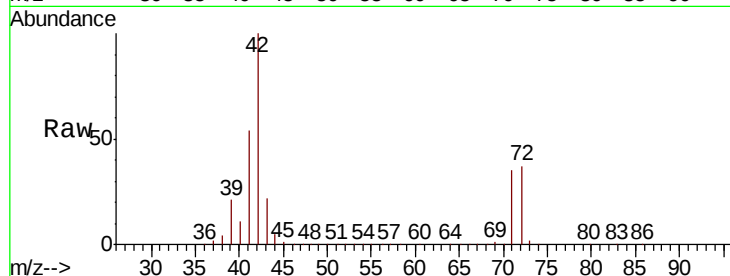




#29
Tetrahydrofuran
Concen: 319.101 ug/l
RT: 5.13 min Scan# 653
Delta R.T. 0.01 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

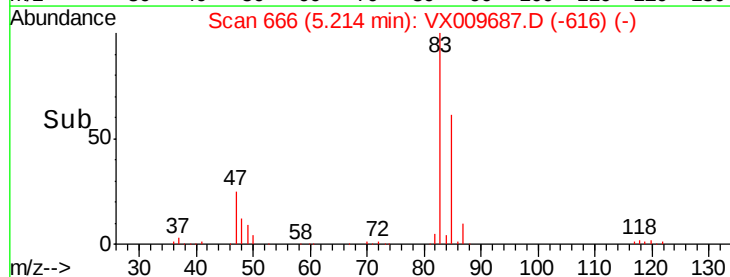
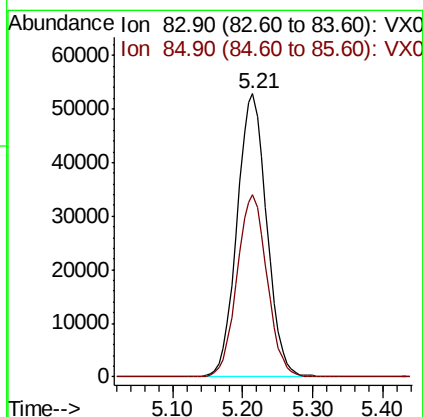
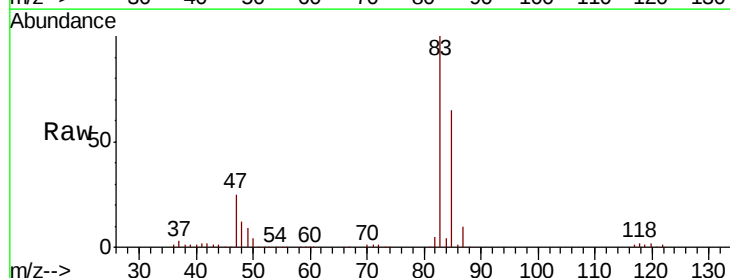
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

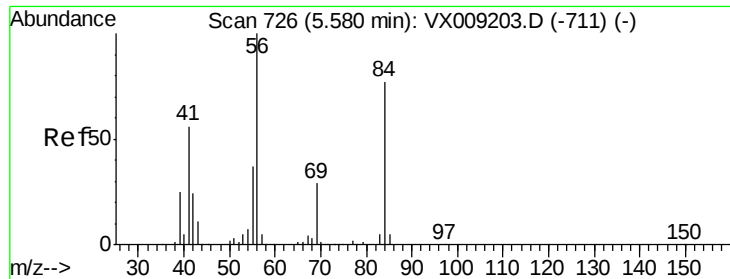
Tot Ion: 42 Resp: 329955
Ion Ratio Lower Upper
42 100
72 36.9 30.4 45.6
71 34.9 28.6 43.0



#30
Chloroform
Concen: 56.261 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

Tgt Ion: 83 Resp: 155714
Ion Ratio Lower Upper
83 100
85 64.6 51.5 77.3

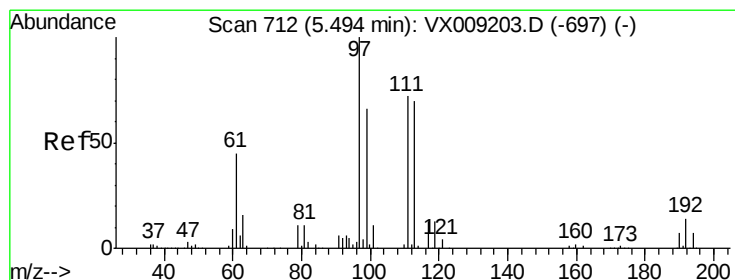
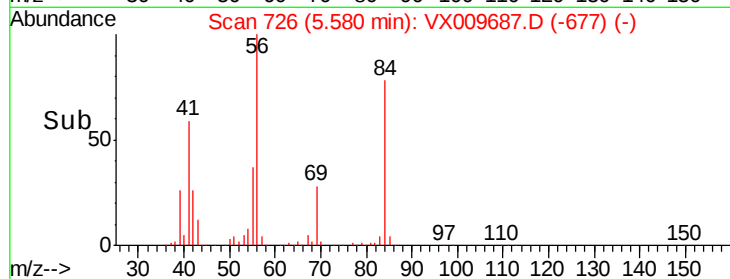
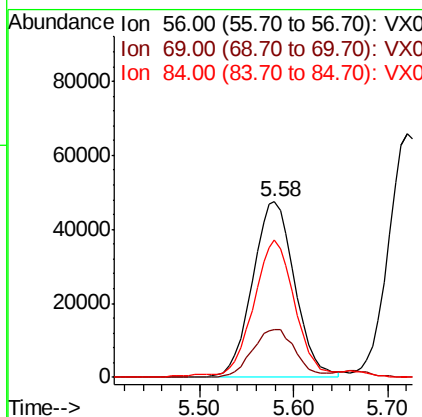
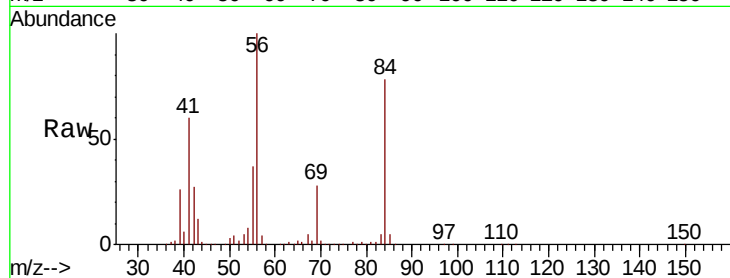




#31
Cyclohexane
Concen: 52.254 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

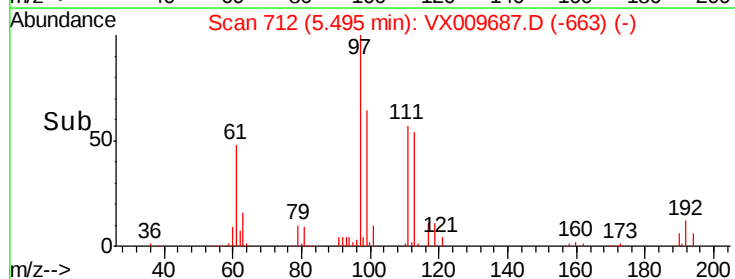
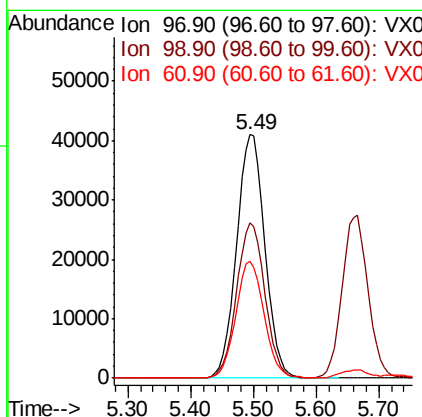
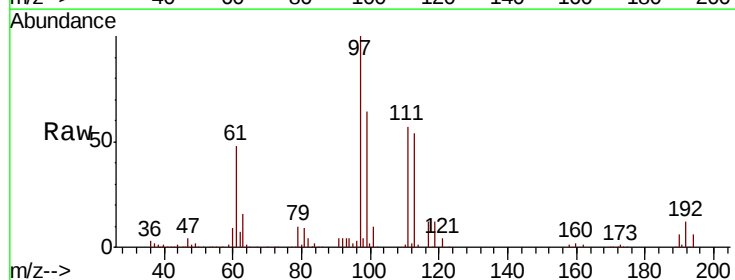
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 148770
Ion Ratio Lower Upper
56 100
69 27.6 23.4 35.0
84 77.0 61.9 92.9



#32
1,1,1-Trichloroethane
Concen: 55.397 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

Tgt Ion: 97 Resp: 127635
Ion Ratio Lower Upper
97 100
99 63.9 51.8 77.8
61 48.1 37.8 56.8





#33

1,2-Dichloroethane-d4

Concen: 46.775 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

Instrument :

MSVOA_X

ClientSampleId :

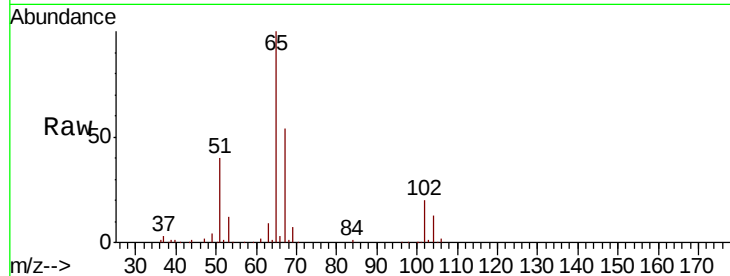
VSTDCCC050EC

Tot Ion: 65 Resp: 90076

Ion Ratio Lower Upper

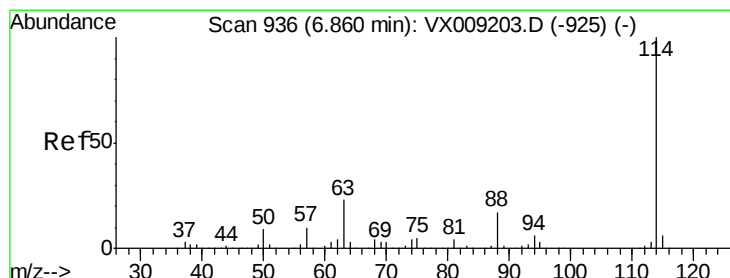
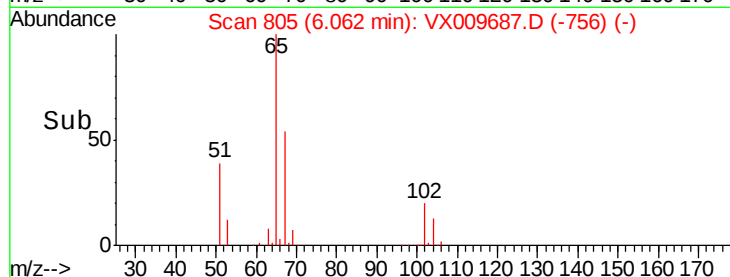
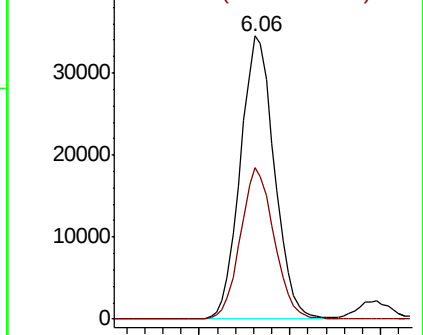
65 100

67 52.8 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

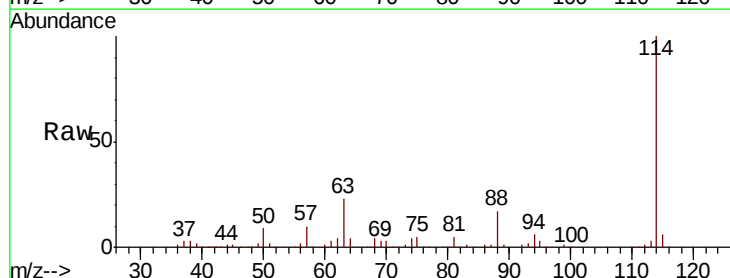
Tgt Ion: 114 Resp: 232208

Ion Ratio Lower Upper

114 100

63 23.1 0.0 45.6

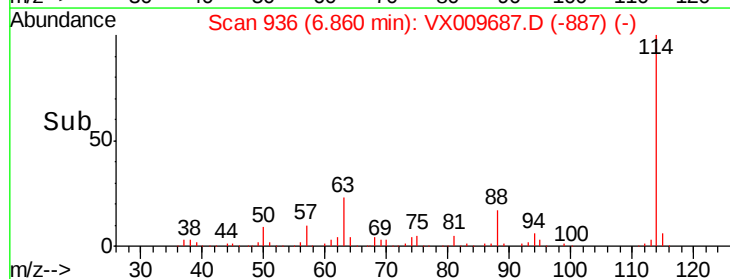
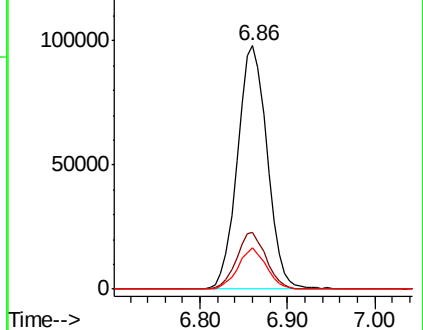
88 16.8 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 44.930 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

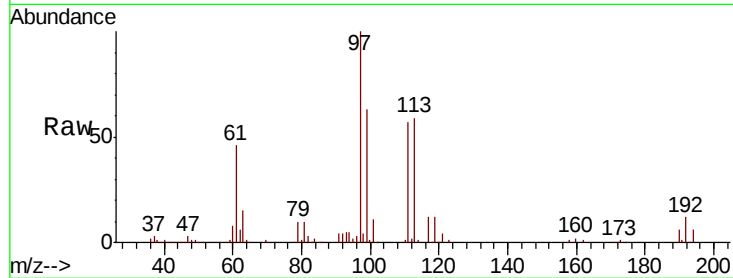
Tot Ion:113 Resp: 65587

Ion Ratio Lower Upper

113 100

111 102.9 82.8 124.2

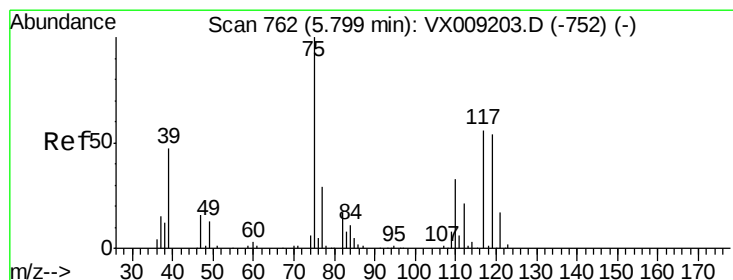
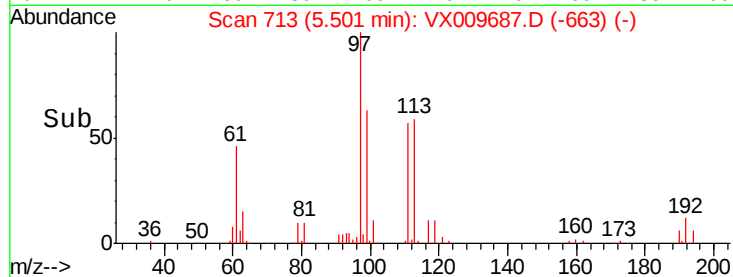
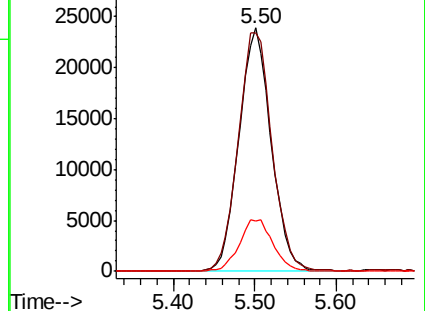
192 22.1 17.0 25.6



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: 52.653 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

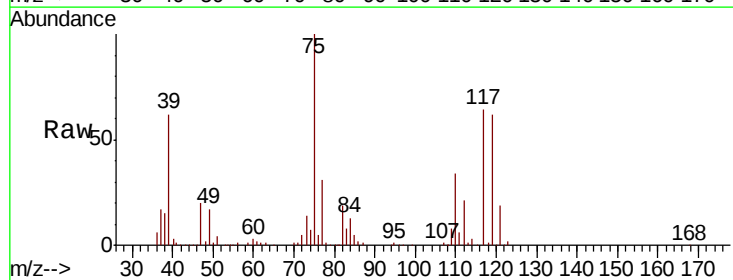
Tgt Ion: 75 Resp: 113623

Ion Ratio Lower Upper

75 100

110 33.4 16.9 50.6

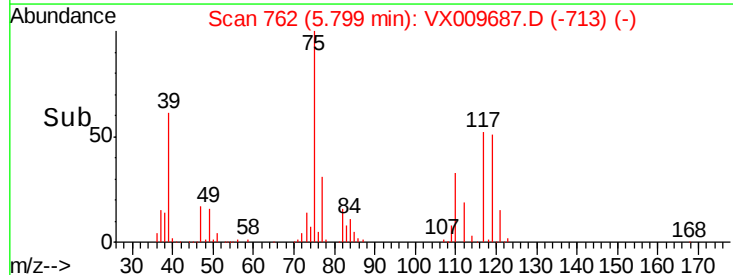
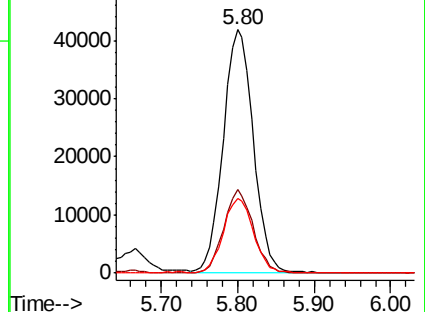
77 30.7 24.8 37.2

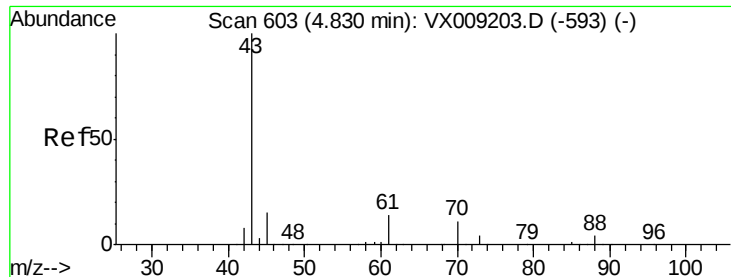


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 61.085 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

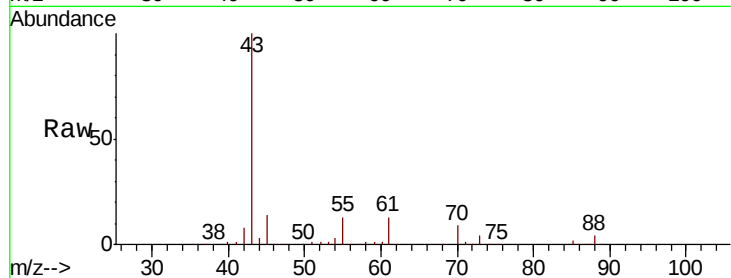
Tot Ion: 43 Resp: 183660

Ion Ratio Lower Upper

43 100

61 13.0 10.5 15.7

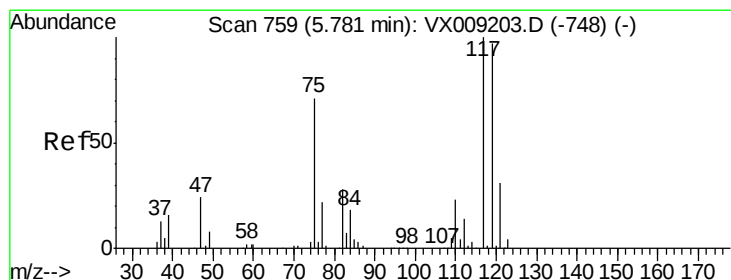
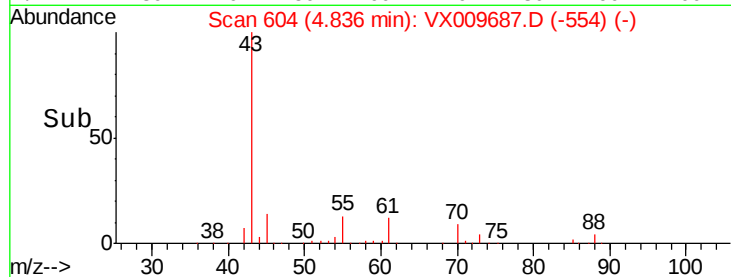
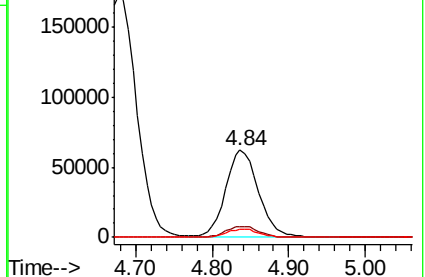
70 9.4 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX009203.D (-593) (-)

Ion 60.90 (60.60 to 61.60): VX009203.D (-593) (-)

Ion 70.00 (69.70 to 70.70): VX009203.D (-593) (-)



#38

Carbon Tetrachloride

Concen: 53.769 ug/l

RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

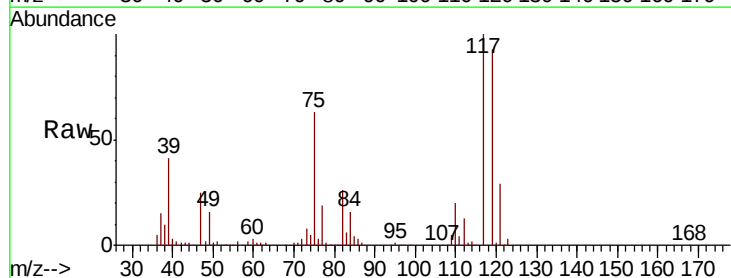
Tgt Ion: 117 Resp: 105420

Ion Ratio Lower Upper

117 100

119 93.3 77.5 116.3

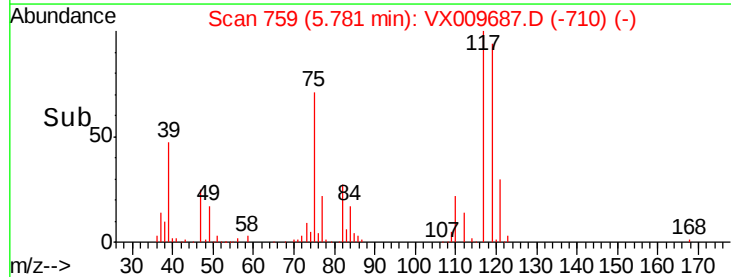
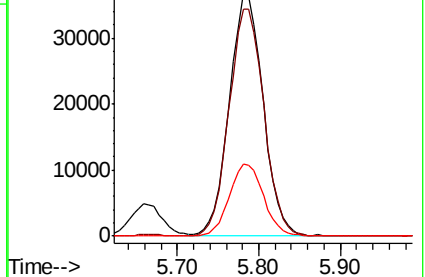
121 29.4 24.7 37.1

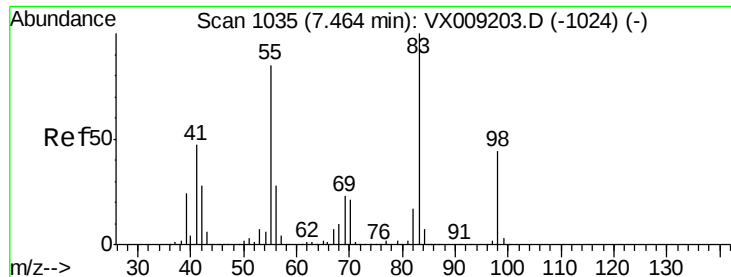


Abundance Ion 116.80 (116.50 to 117.50): VX009203.D (-748) (-)

Ion 118.80 (118.50 to 119.50): VX009203.D (-748) (-)

Ion 120.80 (120.50 to 121.50): VX009203.D (-748) (-)

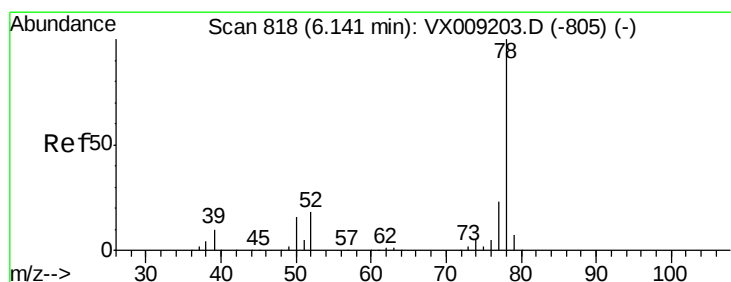
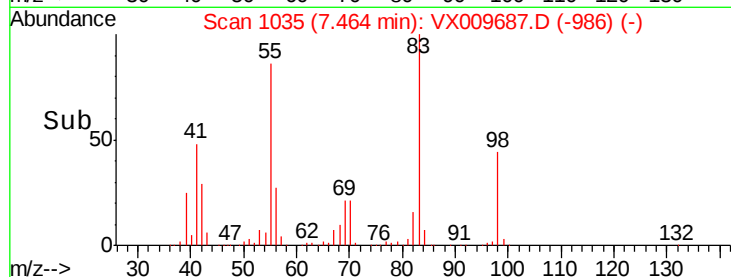
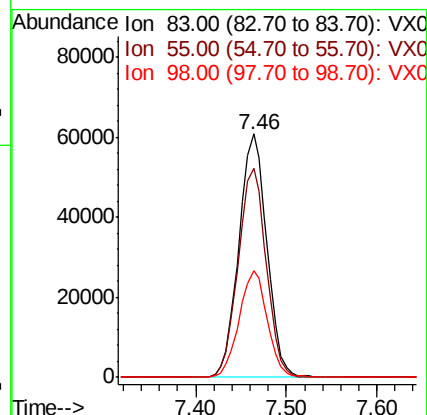
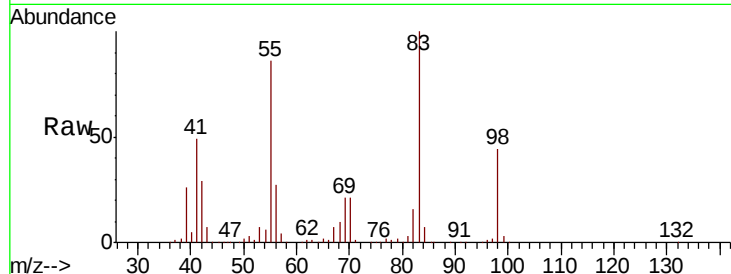




#39
Methvlcvclohexane
Concen: 49.232 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

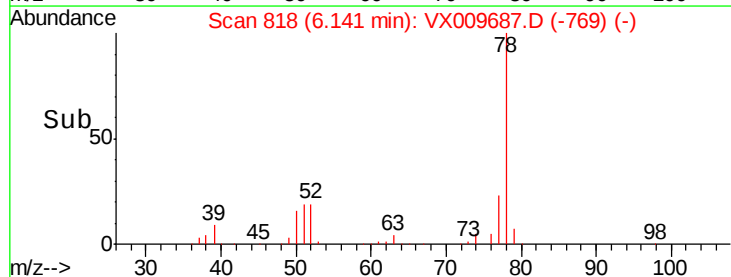
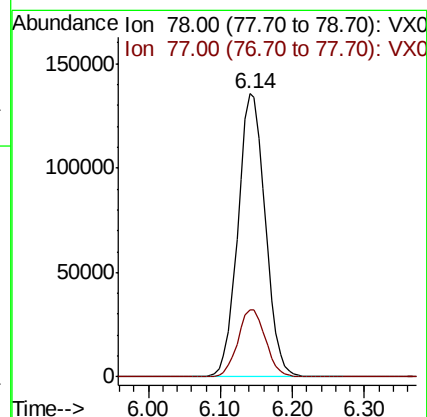
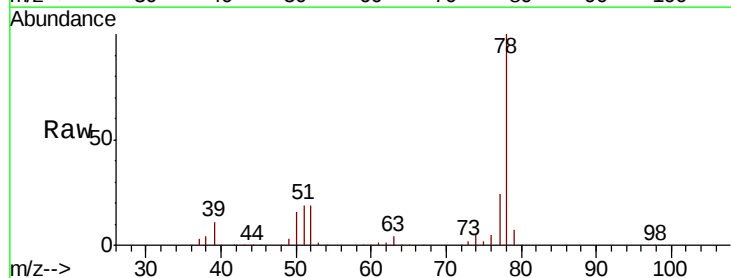
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 130472
Ion Ratio Lower Upper
83 100
55 85.8 67.7 101.5
98 43.7 35.5 53.3



#40
Benzene
Concen: 53.594 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

Tgt Ion: 78 Resp: 357924
Ion Ratio Lower Upper
78 100
77 23.6 18.8 28.2





#41

Methacrylonitrile

Concen: 57.696 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 103263

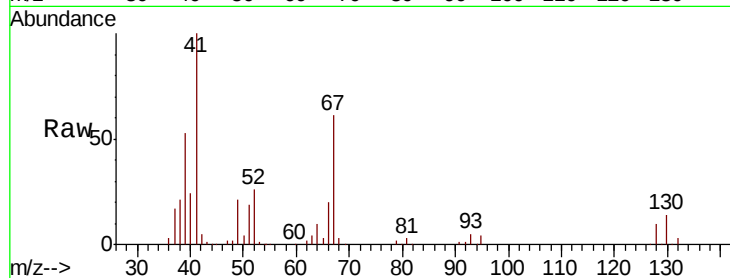
Ion Ratio Lower Upper

41 100

39 53.4 42.0 63.0

67 62.5 49.8 74.8

52 26.7 20.3 30.5

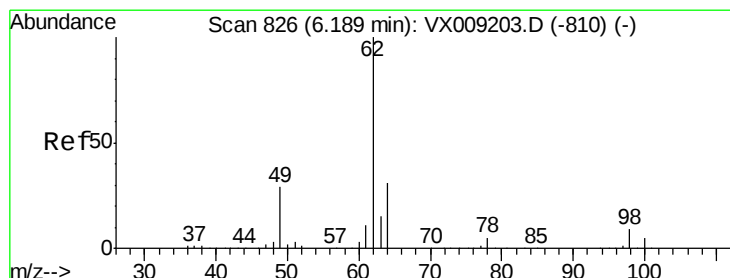
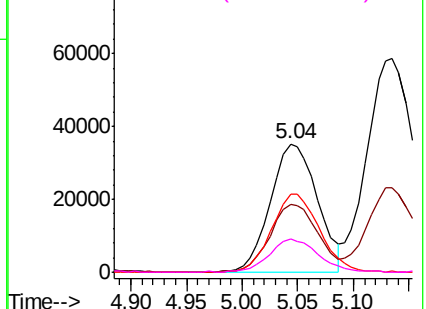
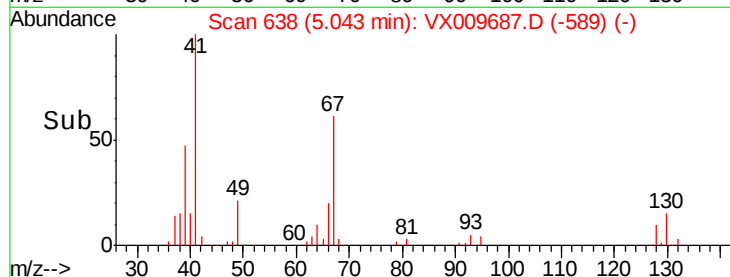


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 55.925 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.01 min

Lab File: VX009687.D

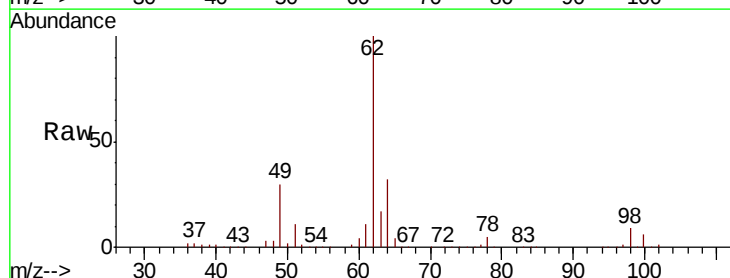
Acq: 18 May 2019 01:11

Tgt Ion: 62 Resp: 133977

Ion Ratio Lower Upper

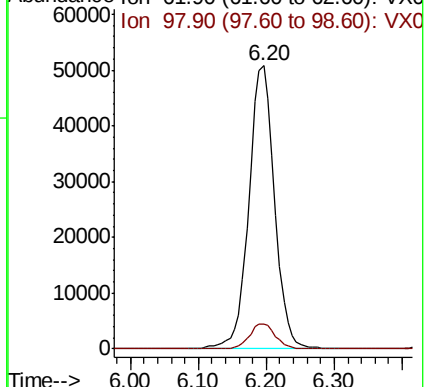
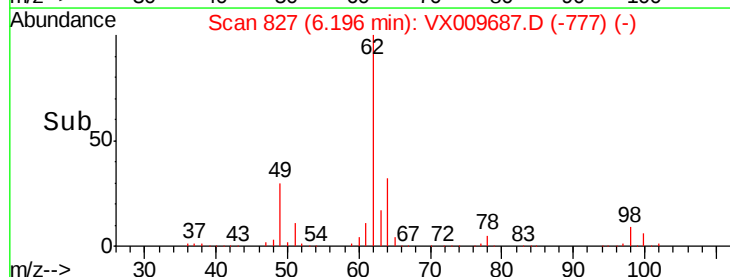
62 100

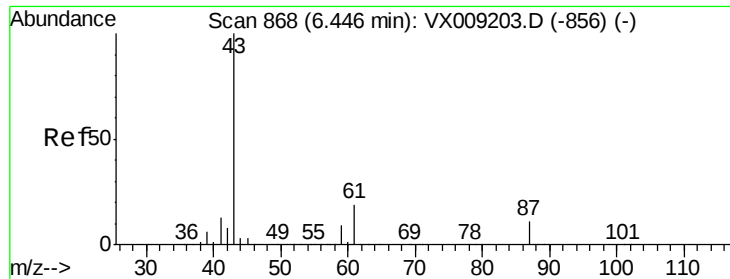
98 8.8 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



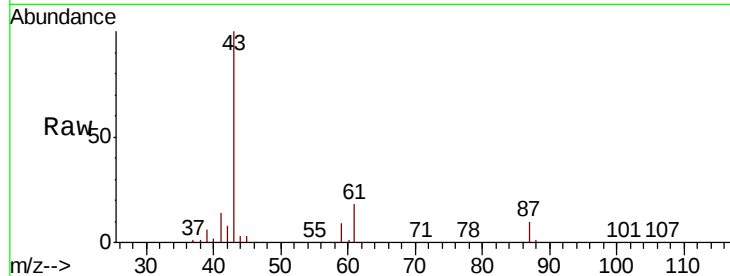


#43

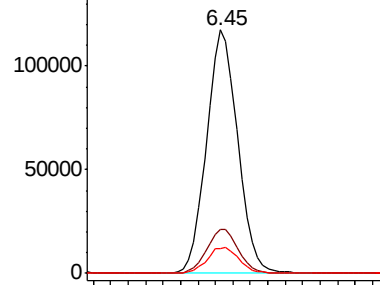
Isopropyl Acetate
 Concen: 60.232 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX009687.D
 Acq: 18 May 2019 01:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

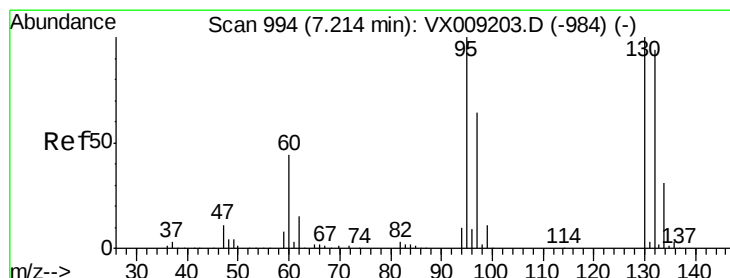
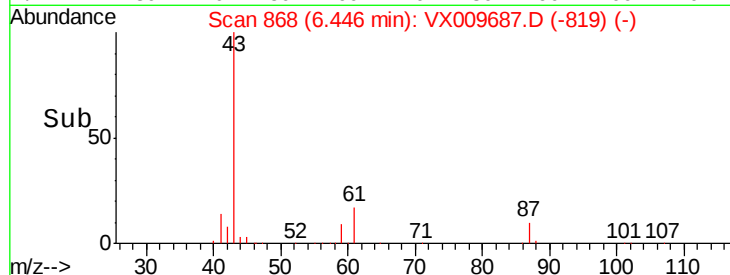
Tot Ion: 43 Resp: 289674
 Ion Ratio Lower Upper
 43 100
 61 18.4 15.1 22.7
 87 11.0 9.0 13.6



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



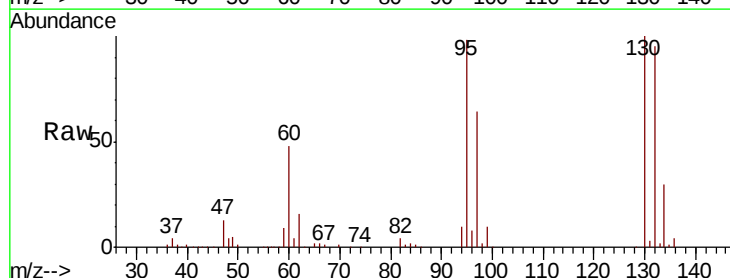
Time--> 6.30 6.40 6.50 6.60



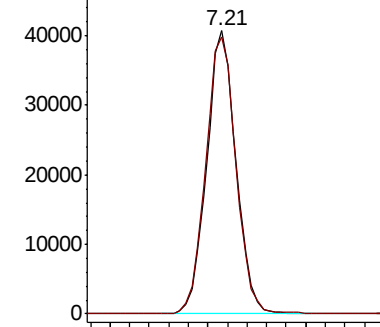
#44

Trichloroethene
 Concen: 52.367 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX009687.D
 Acq: 18 May 2019 01:11

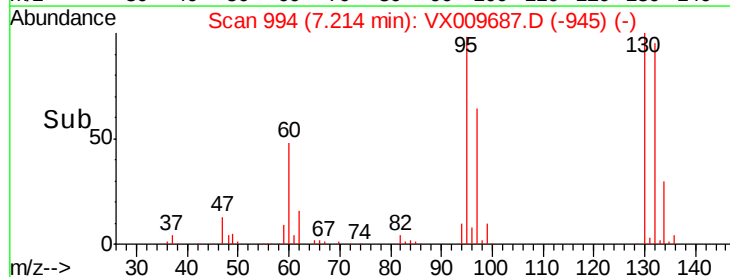
Tgt Ion: 130 Resp: 84548
 Ion Ratio Lower Upper
 130 100
 95 97.9 0.0 199.2

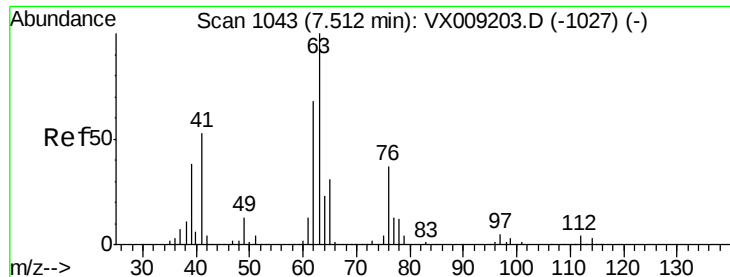


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0



Time--> 7.10 7.20 7.30





#45

1,2-Dichloropropane

Concen: 54.710 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

Instrument :

MSVOA_X

ClientSampleId :

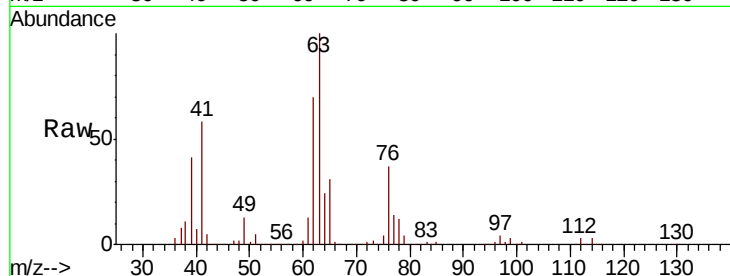
VSTDCCC050EC

Tot Ion: 63 Resp: 103461

Ion Ratio Lower Upper

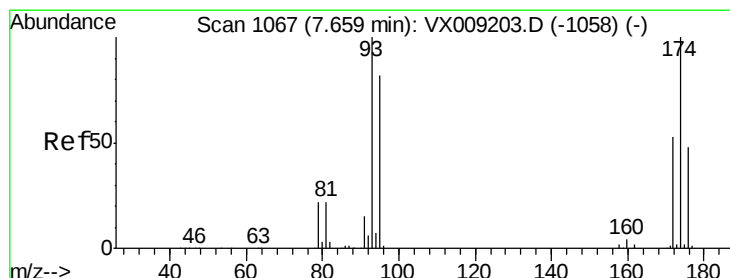
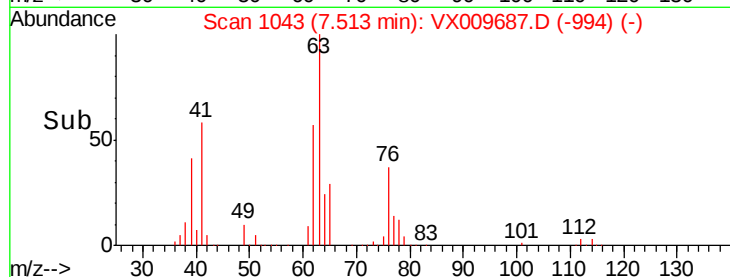
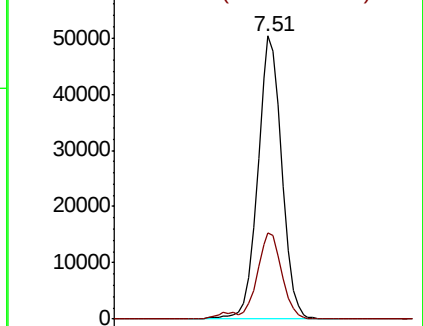
63 100

65 30.5 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 54.613 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

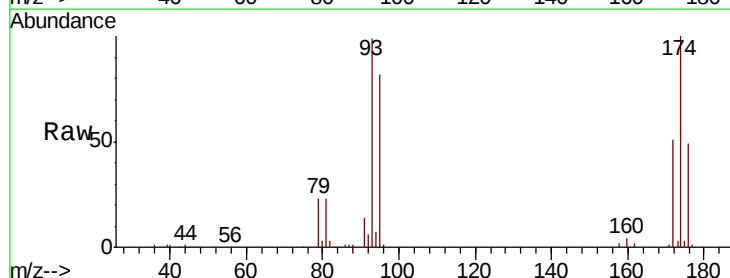
Tgt Ion: 93 Resp: 59973

Ion Ratio Lower Upper

93 100

95 83.1 66.5 99.7

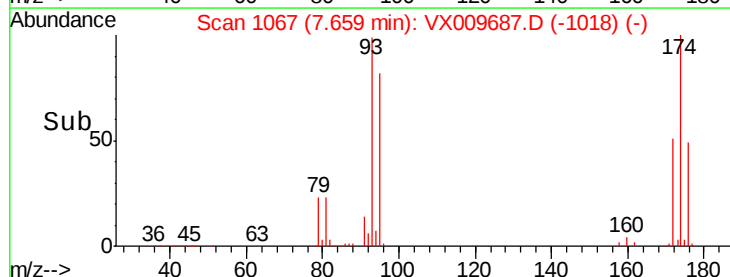
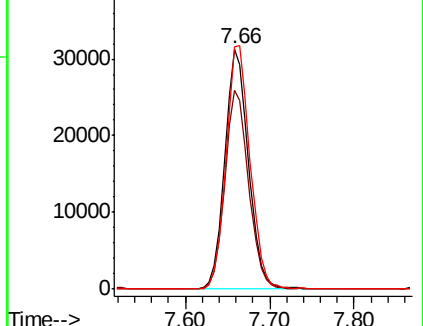
174 102.6 82.1 123.1

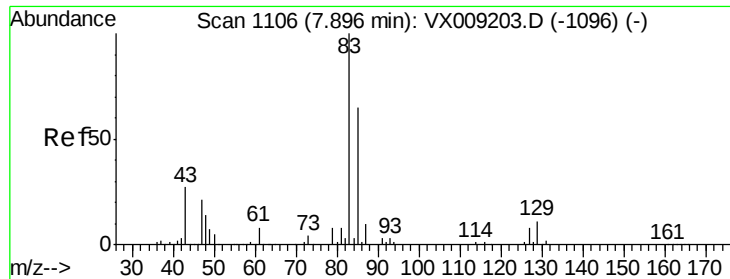


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 55.917 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

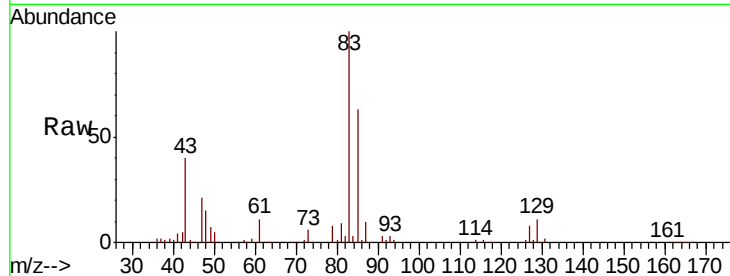
Tot Ion: 83 Resp: 122489

Ion Ratio Lower Upper

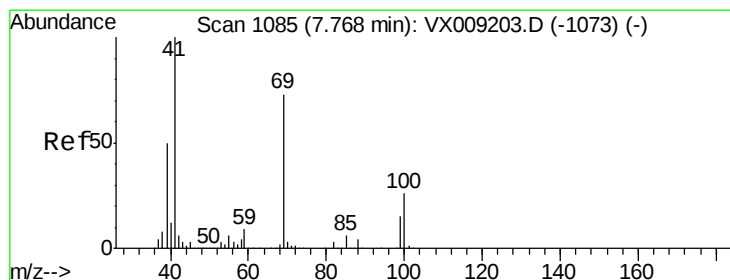
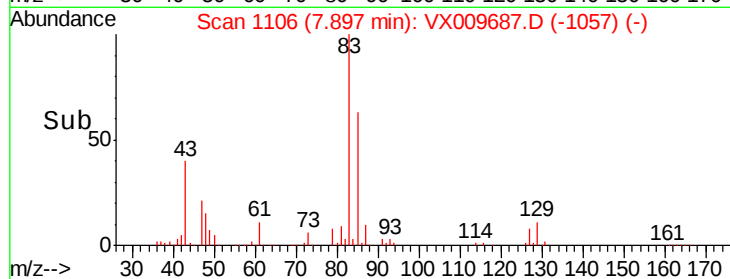
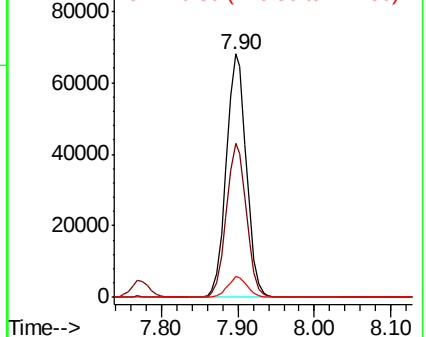
83 100

85 63.4 52.4 78.6

127 8.4 6.6 10.0



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: 61.555 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

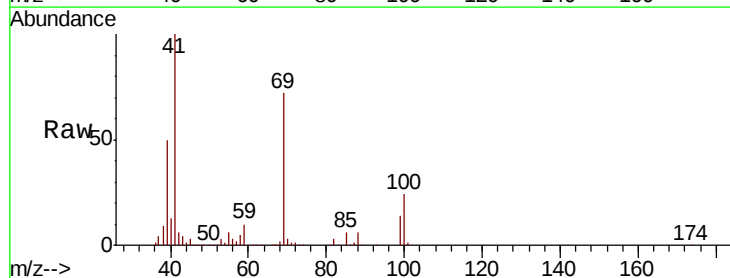
Tgt Ion: 41 Resp: 146871

Ion Ratio Lower Upper

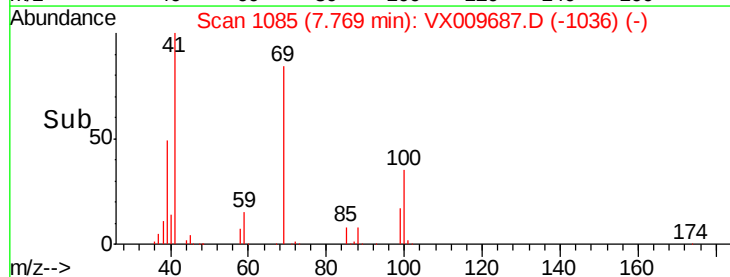
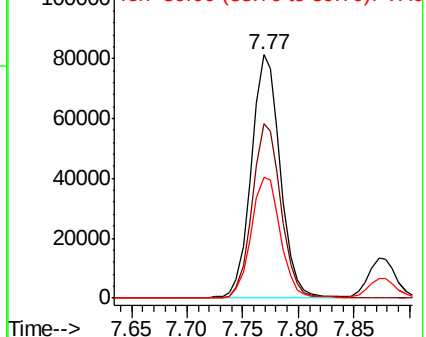
41 100

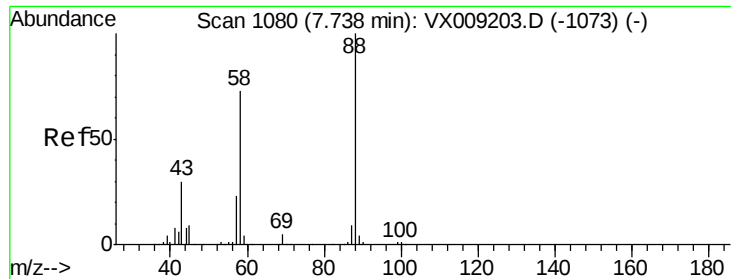
69 72.1 59.1 88.7

39 50.3 40.4 60.6



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

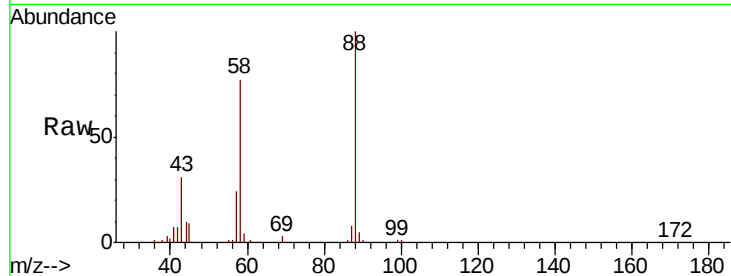




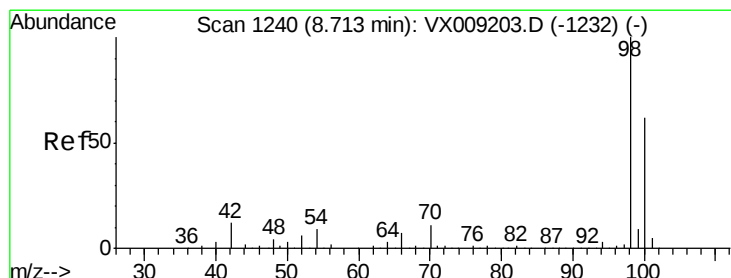
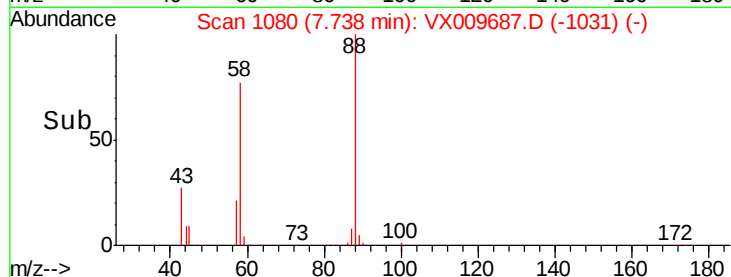
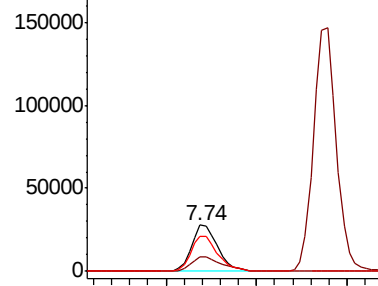
#49
1,4-Dioxane
Concen: 1148.344 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 55566
Ion Ratio Lower Upper
88 100
43 35.9 28.6 42.8
58 78.6 61.7 92.5

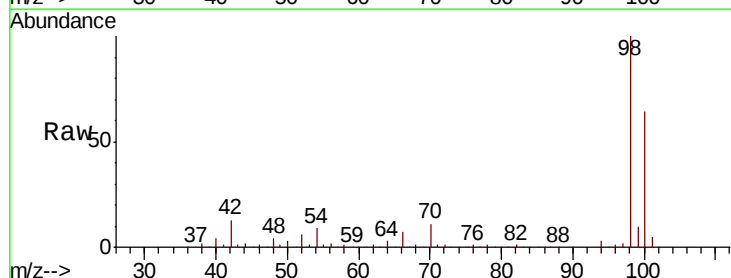


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

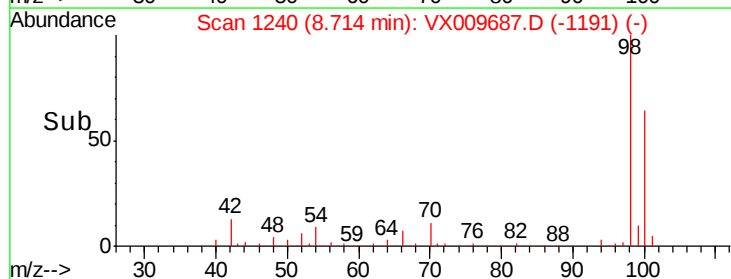
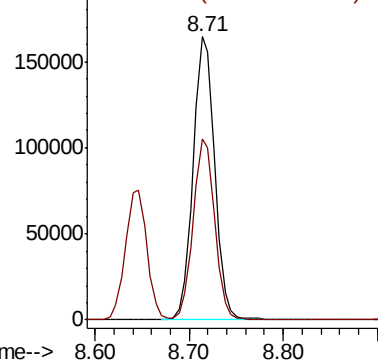


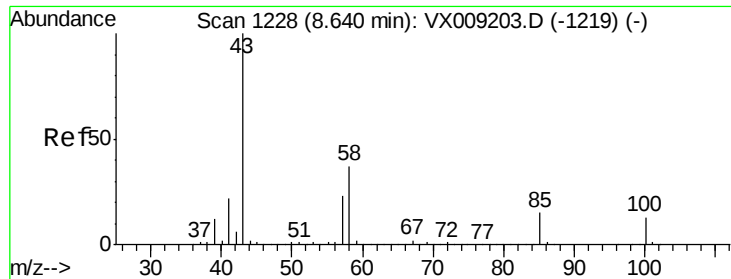
#50
Toluene-d8
Concen: 44.131 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

Tgt Ion: 98 Resp: 260078
Ion Ratio Lower Upper
98 100
100 64.7 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 314.911 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

Instrument :

MSVOA_X

ClientSampleId :

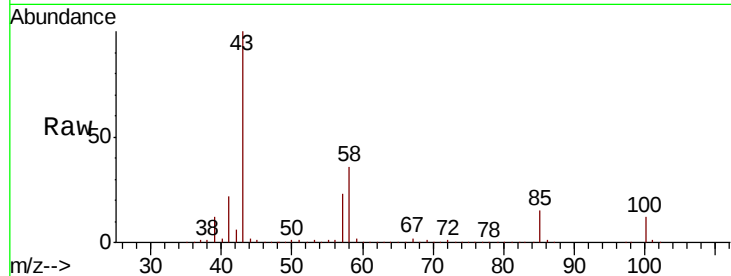
VSTDCCC050EC

Tot Ion: 43 Resp: 989910

Ion Ratio Lower Upper

43 100

58 36.5 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

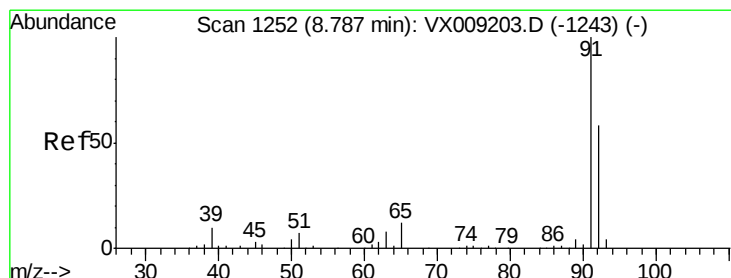
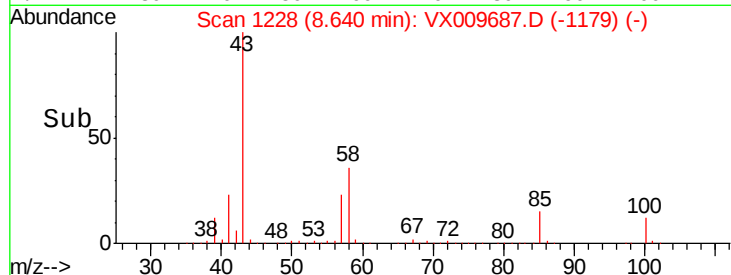
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 54.778 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX009687.D

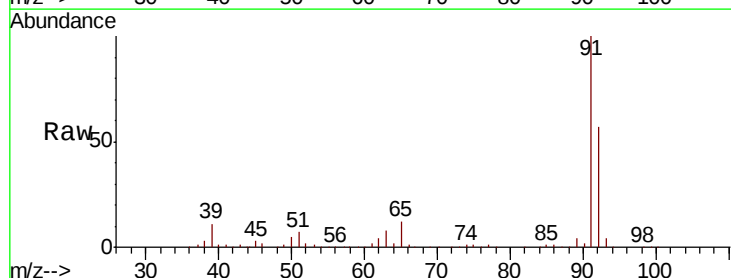
Acq: 18 May 2019 01:11

Tgt Ion: 92 Resp: 222378

Ion Ratio Lower Upper

92 100

91 173.5 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

250000

200000

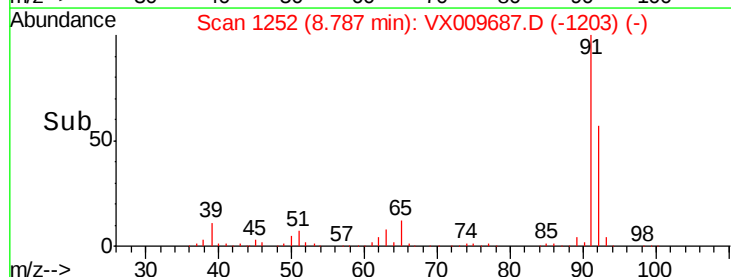
150000

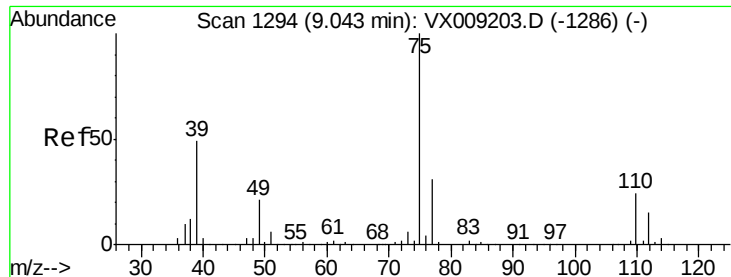
100000

50000

0

Time-->

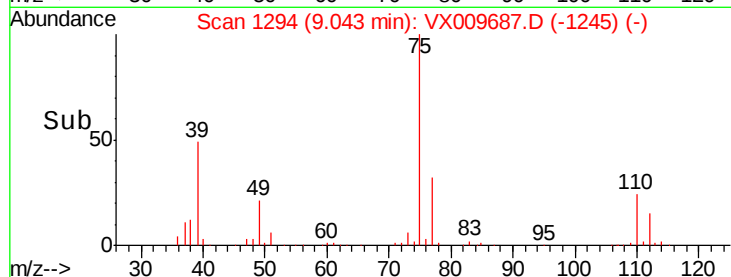
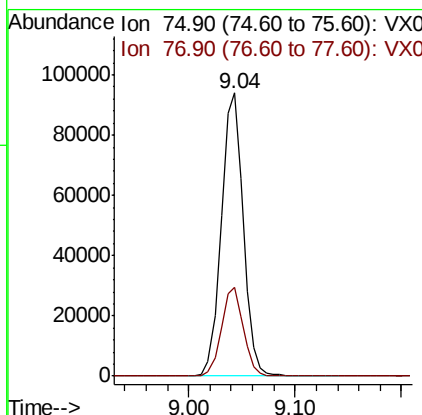
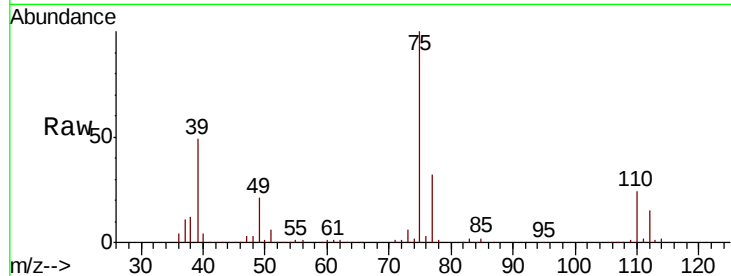




#53
t-1,3-Dichloropropene
Concen: 54.653 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

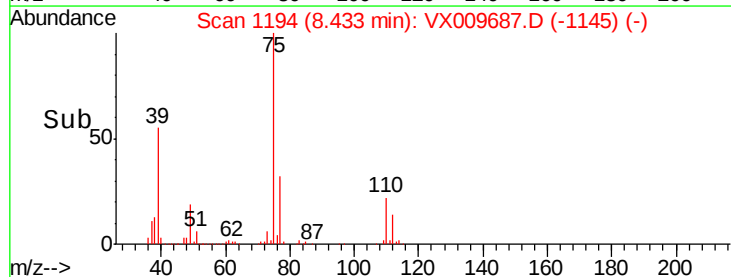
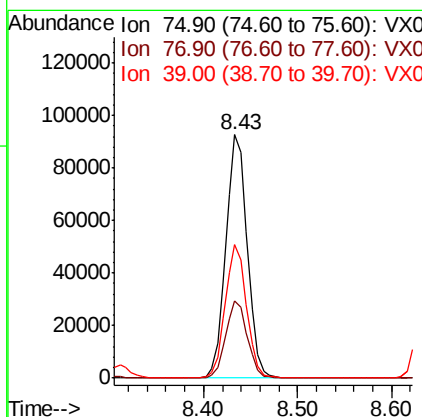
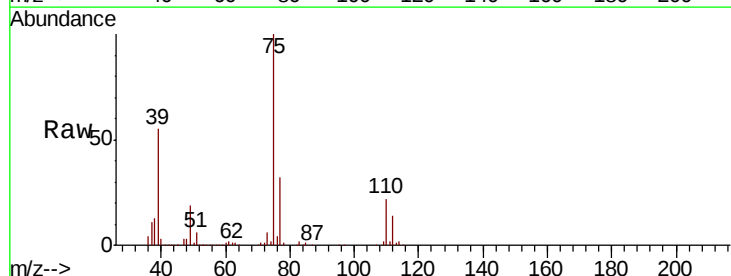
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

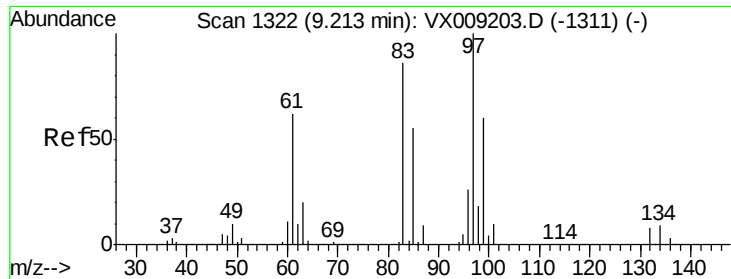
Tot Ion: 75 Resp: 135164
Ion Ratio Lower Upper
75 100
77 31.5 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 53.389 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

Tgt Ion: 75 Resp: 146147
Ion Ratio Lower Upper
75 100
77 31.7 24.6 36.8
39 54.9 40.6 60.8

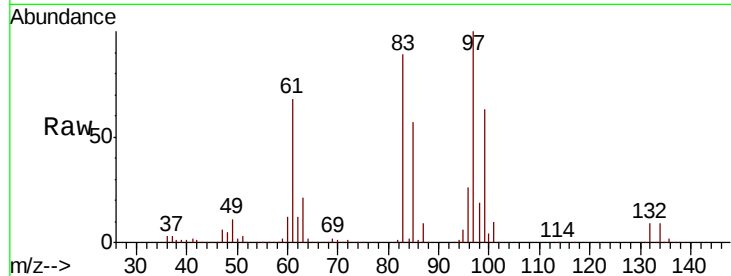




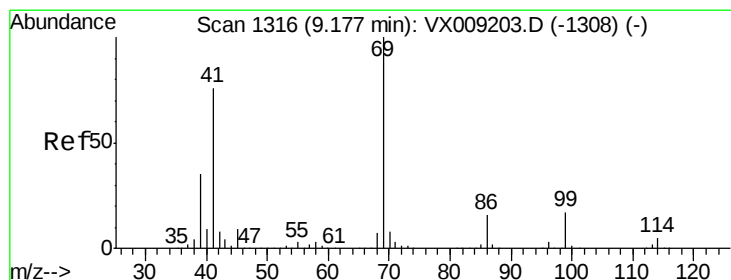
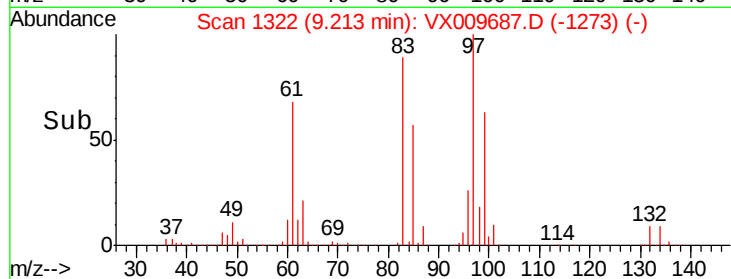
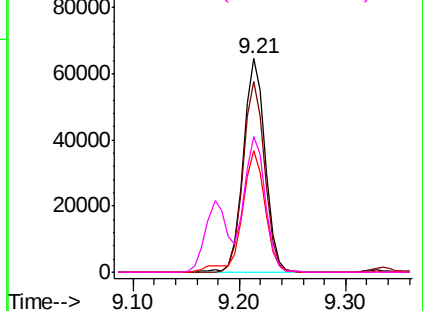
#55
 1,1,2-Trichloroethane
 Concen: 56.323 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009687.D
 Acq: 18 May 2019 01:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	93284
Ion	Ratio	Lower	Upper
97	100		
83	89.4	68.9	103.3
85	57.2	43.8	65.6
99	63.2	48.2	72.2

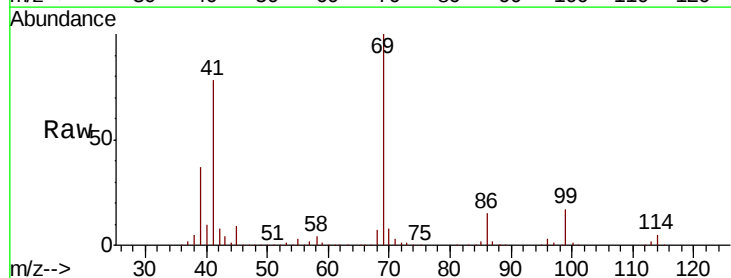


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

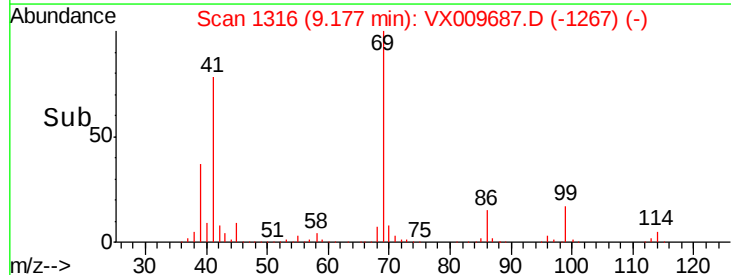
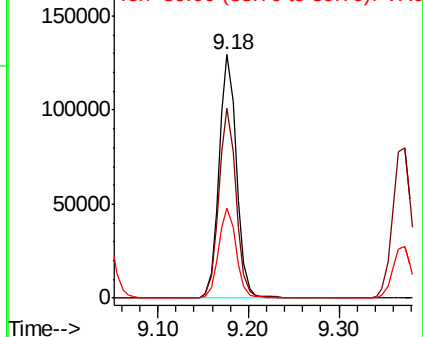


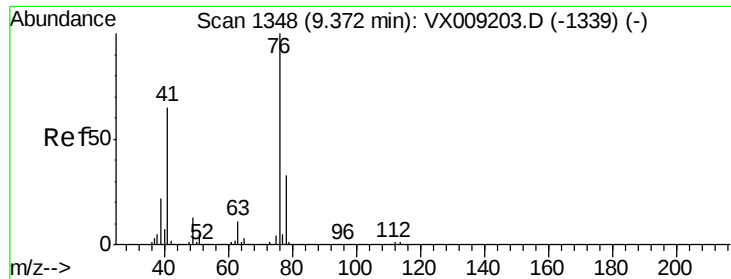
#56
 Ethyl methacrylate
 Concen: 59.188 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX009687.D
 Acq: 18 May 2019 01:11

Tgt Ion:	69	Resp:	174986
Ion	Ratio	Lower	Upper
69	100		
41	77.3	60.6	90.8
39	37.2	28.2	42.4



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: 56.425 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

Instrument :

MSVOA_X

ClientSampleId :

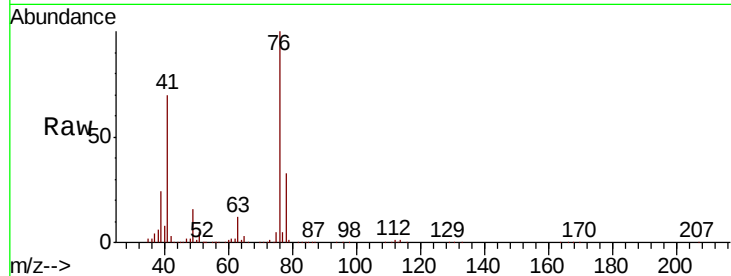
VSTDCCC050EC

Tot Ion: 76 Resp: 164453

Ion Ratio Lower Upper

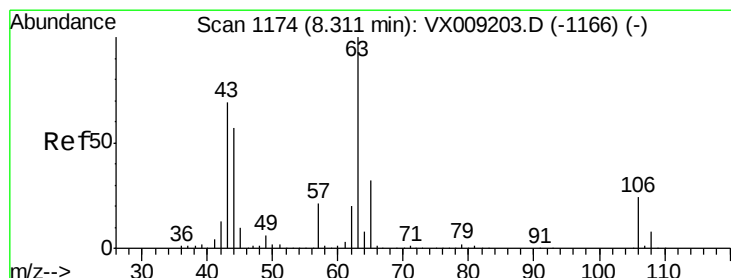
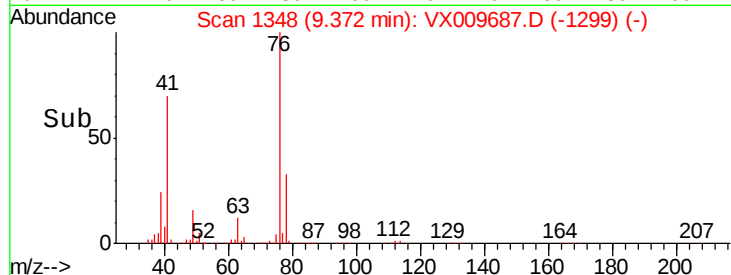
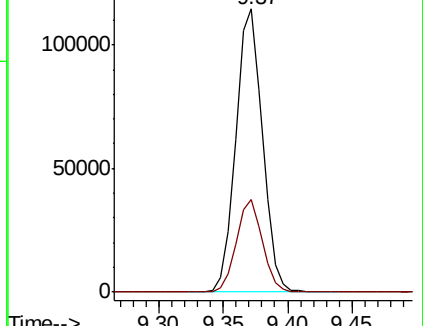
76 100

78 32.1 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: 221.228 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX009687.D

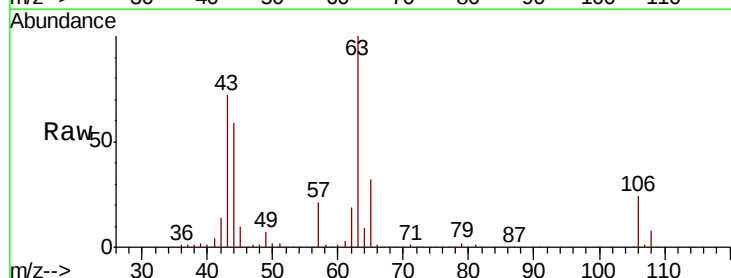
Acq: 18 May 2019 01:11

Tgt Ion: 63 Resp: 346972

Ion Ratio Lower Upper

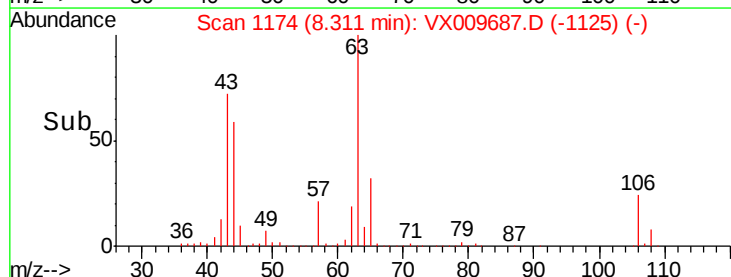
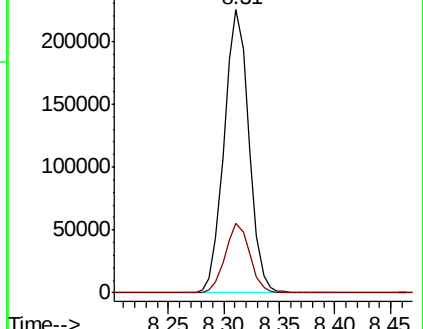
63 100

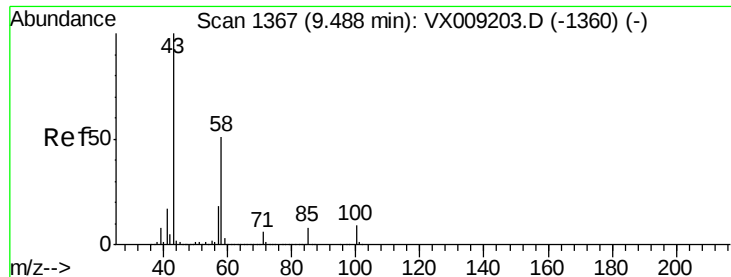
106 24.3 19.7 29.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

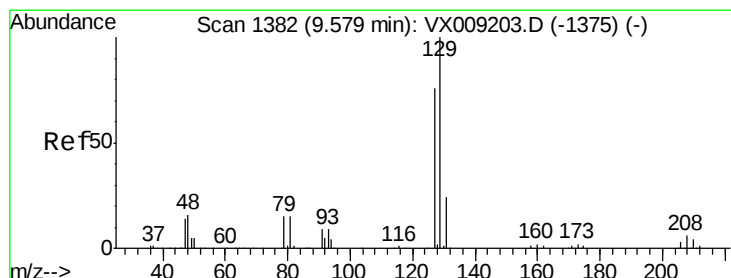
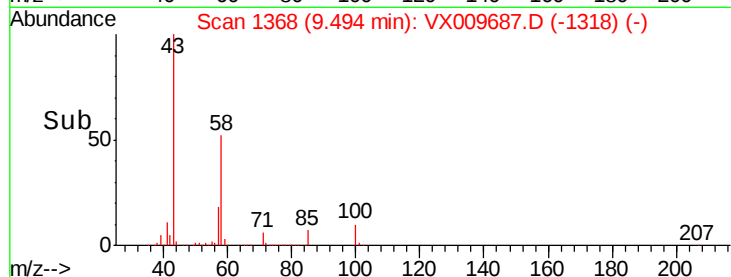
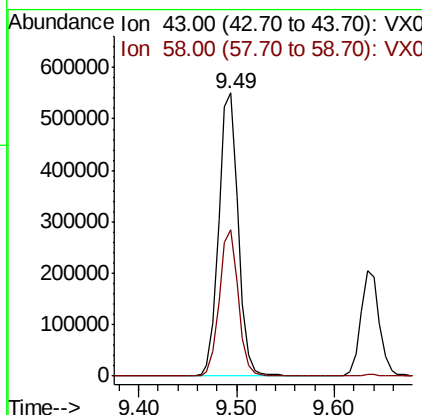
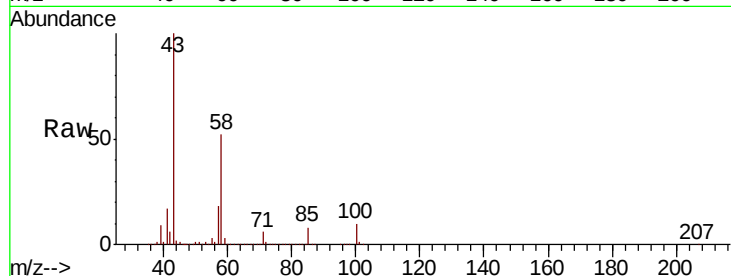




#59
2-Hexanone
Concen: 307.022 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

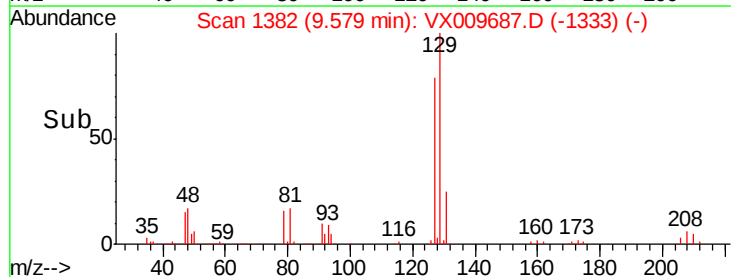
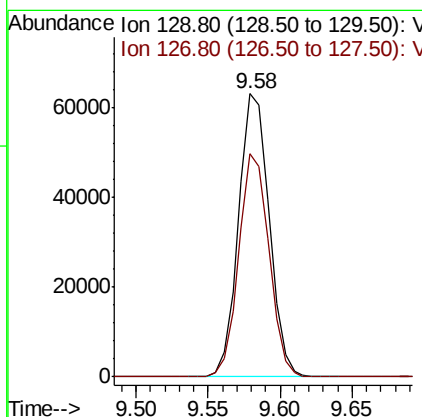
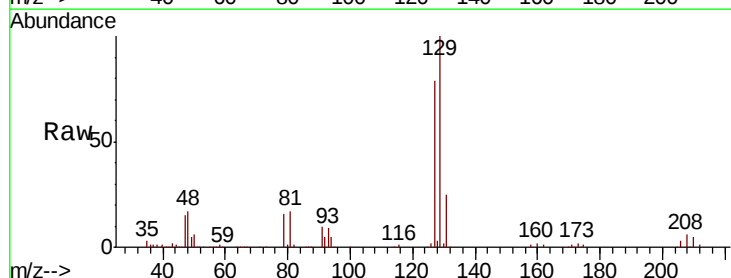
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

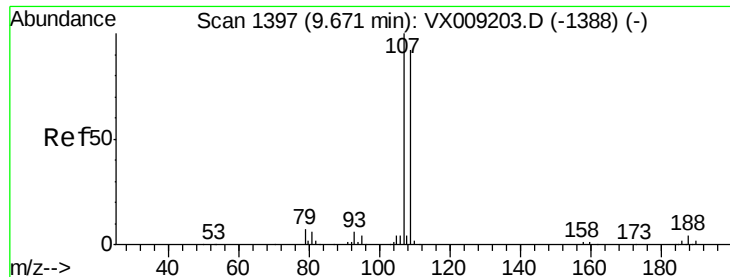
Tot Ion: 43 Resp: 757987
Ion Ratio Lower Upper
43 100
58 50.5 25.9 77.7



#60
Dibromochloromethane
Concen: 57.728 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

Tgt Ion:129 Resp: 93381
Ion Ratio Lower Upper
129 100
127 77.7 38.4 115.1





#61

1,2-Dibromoethane

Concen: 56.392 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

Instrument :

MSVOA_X

ClientSampleId :

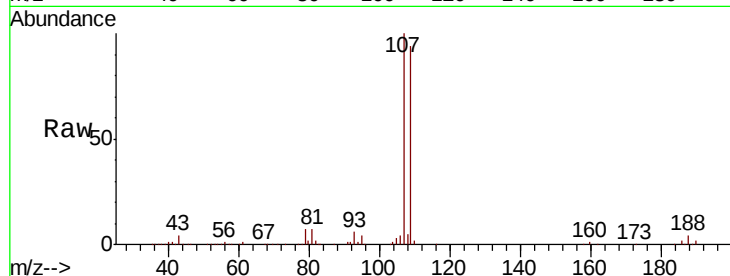
VSTDCCC050EC

Tot Ion:107 Resp: 94279

Ion Ratio Lower Upper

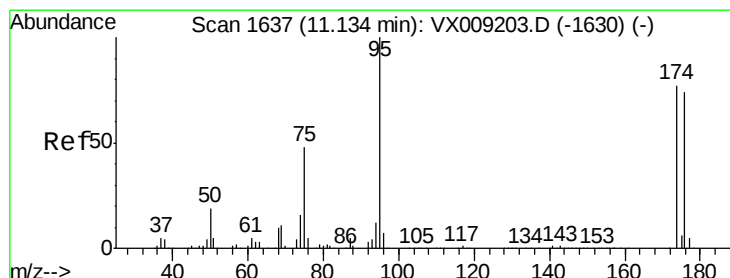
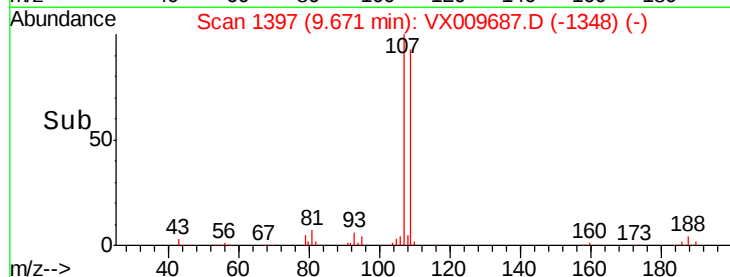
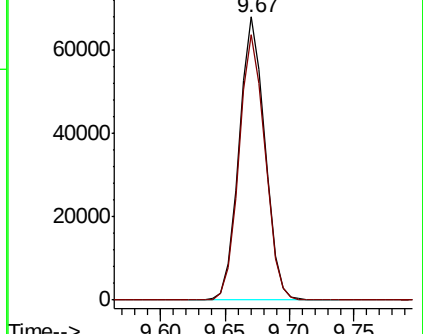
107 100

109 94.7 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.263 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

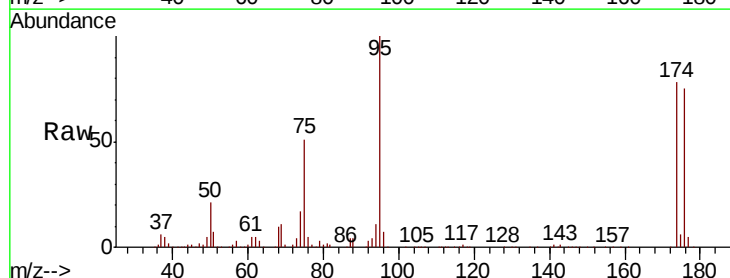
Tgt Ion: 95 Resp: 96927

Ion Ratio Lower Upper

95 100

174 82.9 0.0 161.6

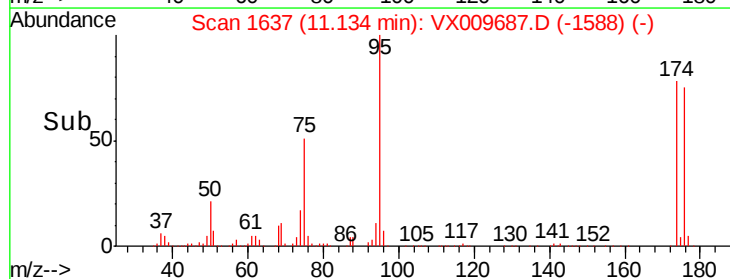
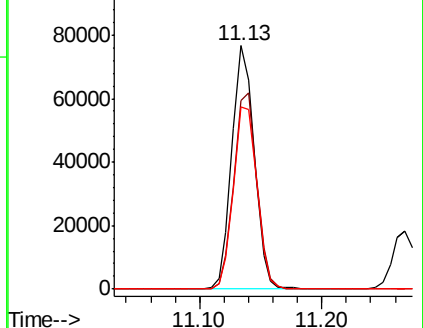
176 78.7 0.0 159.2

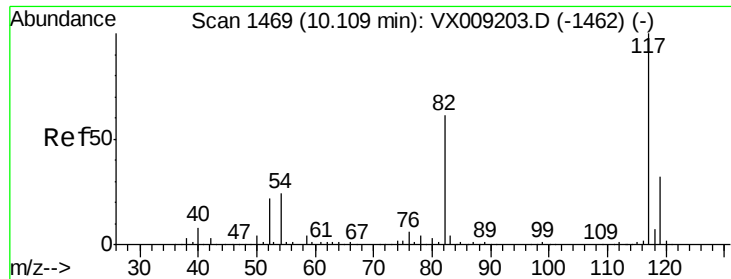


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

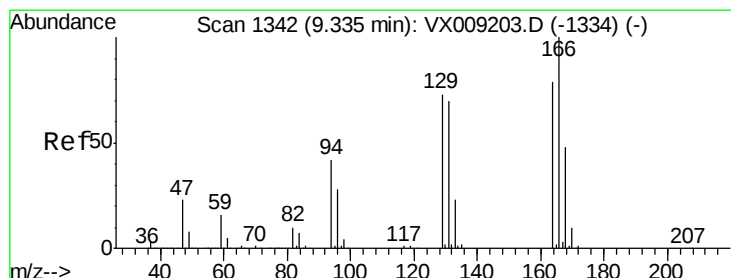
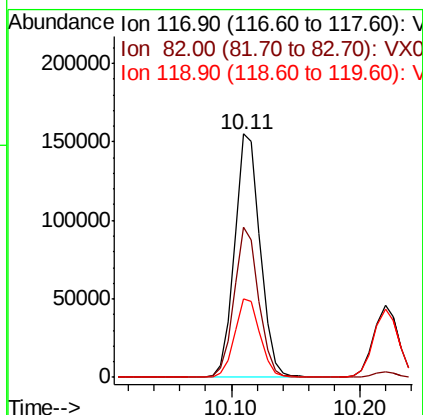
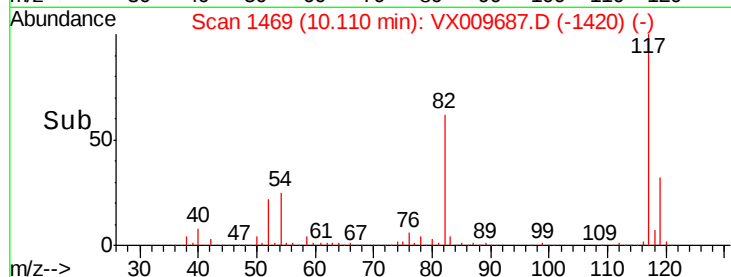
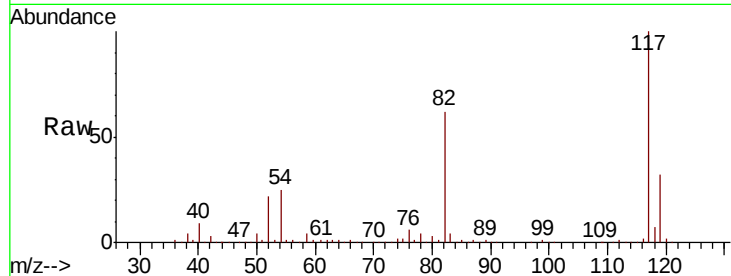




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

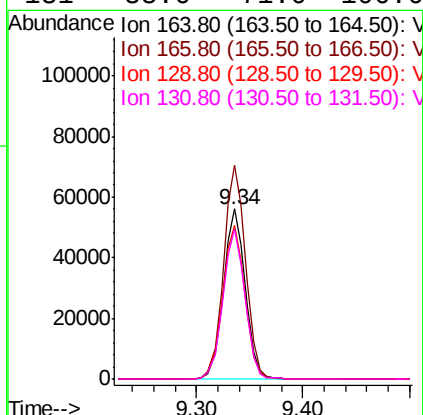
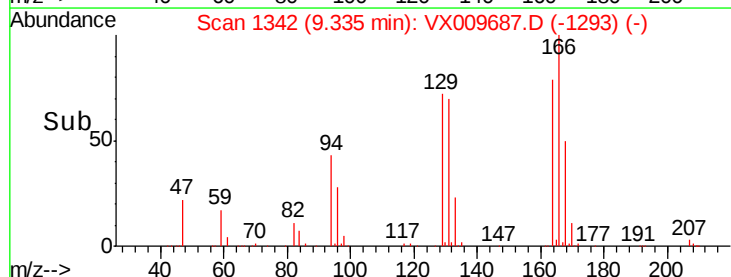
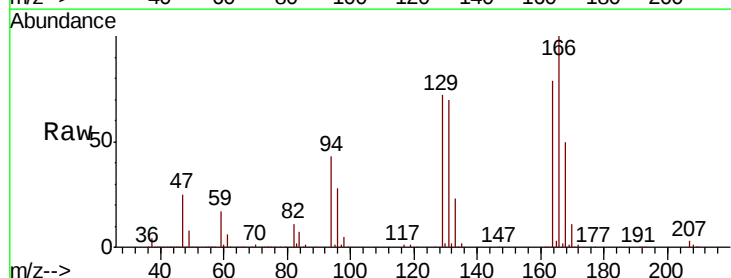
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

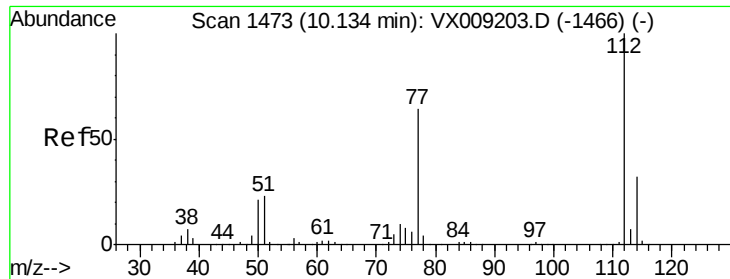
Tot Ion:117 Resp: 213704
Ion Ratio Lower Upper
117 100
82 61.6 48.8 73.2
119 32.1 25.8 38.6



#64
Tetrachloroethene
Concen: 54.442 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

Tgt Ion:164 Resp: 79807
Ion Ratio Lower Upper
164 100
166 125.9 101.2 151.8
129 90.2 74.3 111.5
131 88.6 71.0 106.6

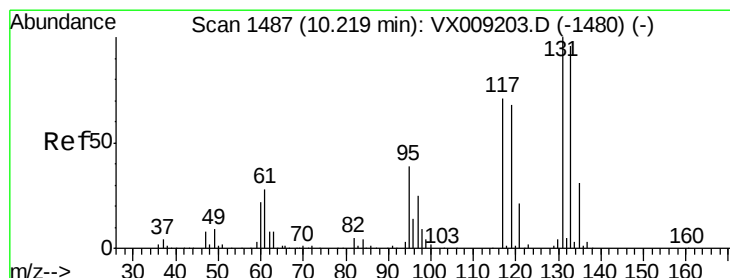
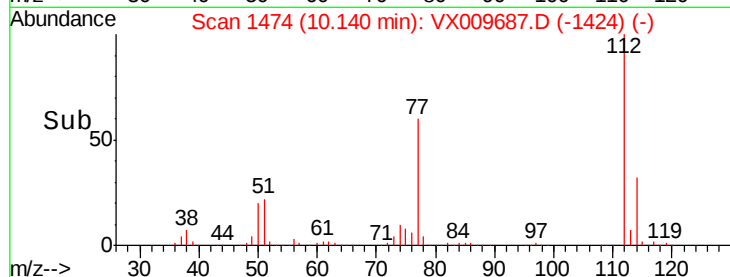
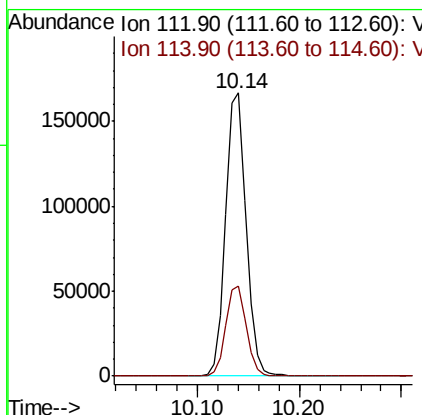
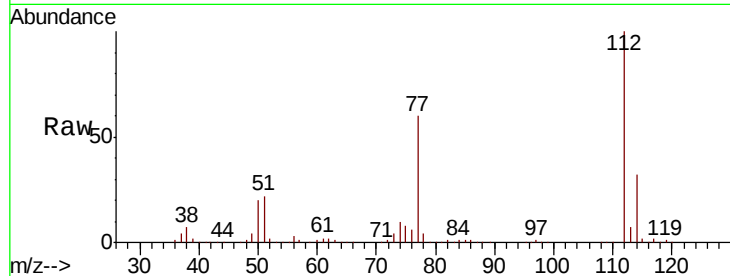




#65
Chlorobenzene
Concen: 54.245 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

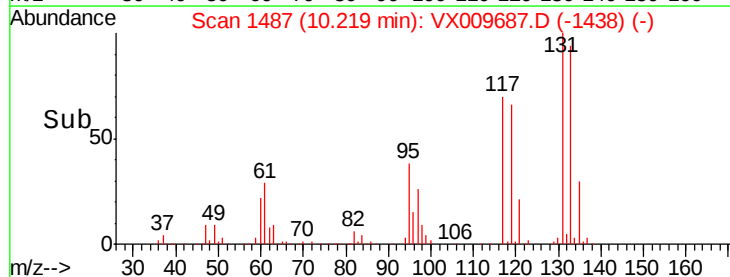
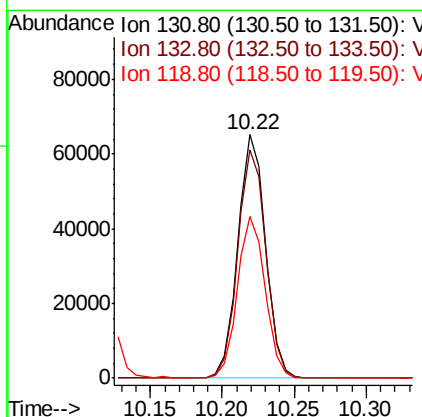
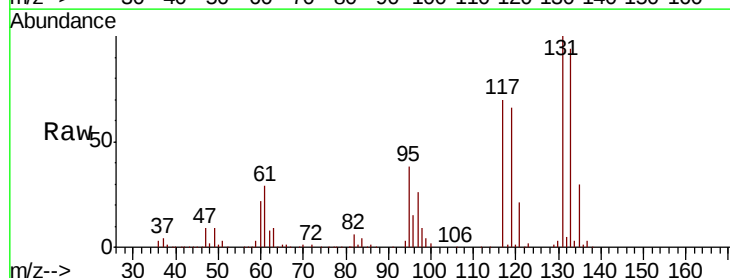
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

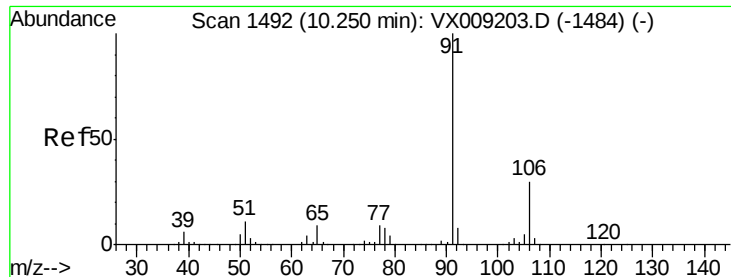
Tot Ion:112 Resp: 231901
Ion Ratio Lower Upper
112 100
114 31.9 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 55.957 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

Tgt Ion:131 Resp: 86726
Ion Ratio Lower Upper
131 100
133 95.4 47.7 143.1
119 66.9 33.5 100.4

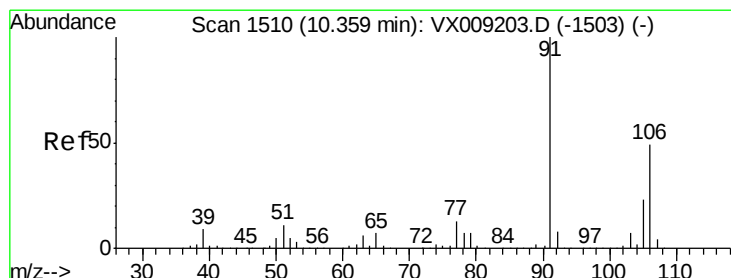
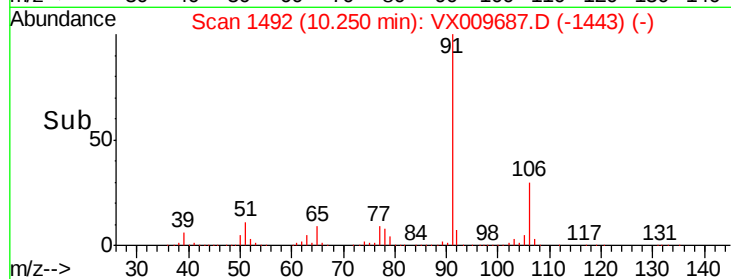
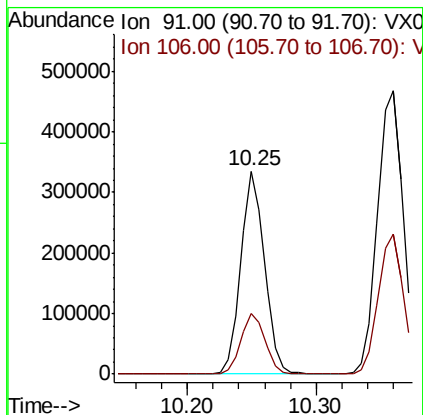
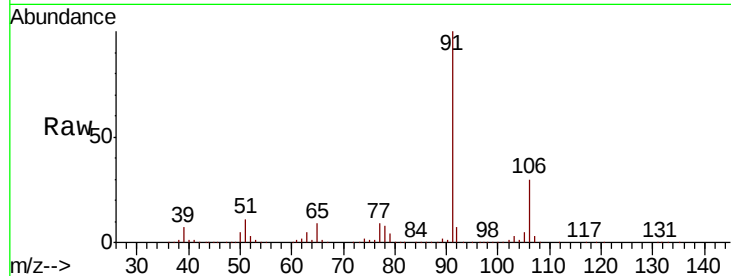




#67
Ethyl Benzene
Concen: 54.373 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

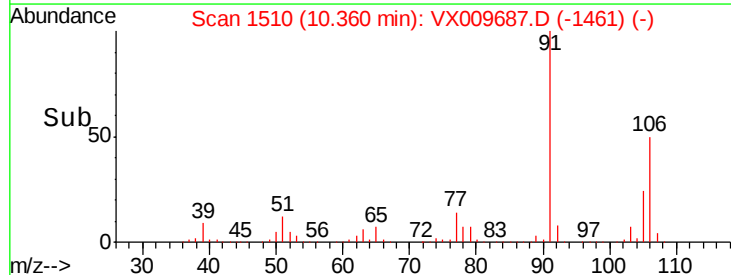
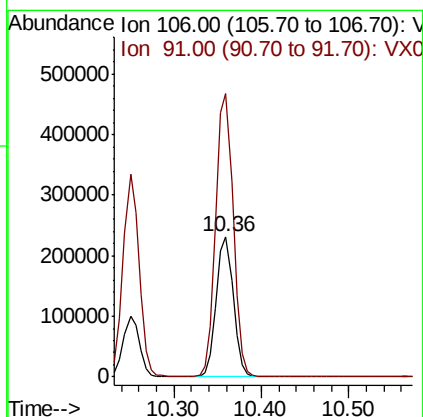
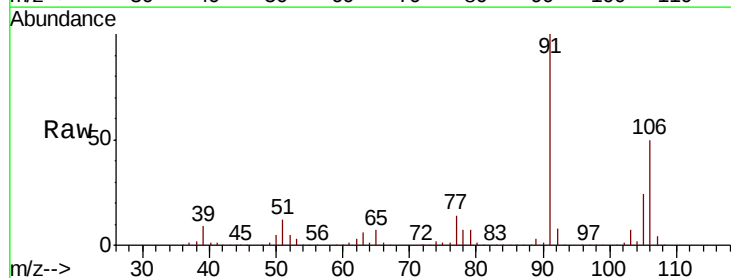
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

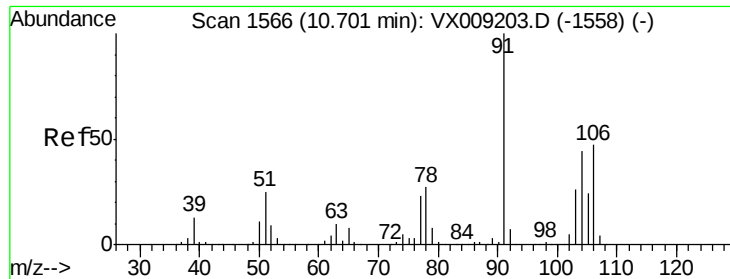
Tot Ion: 91 Resp: 427788
Ion Ratio Lower Upper
91 100
106 29.8 24.0 36.0



#68
m/p-Xylenes
Concen: 109.223 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

Tgt Ion: 106 Resp: 314027
Ion Ratio Lower Upper
106 100
91 206.2 164.0 246.0

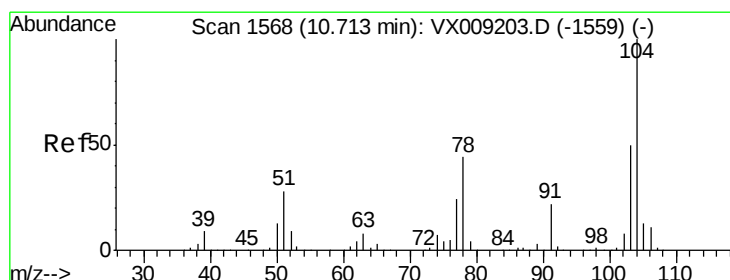
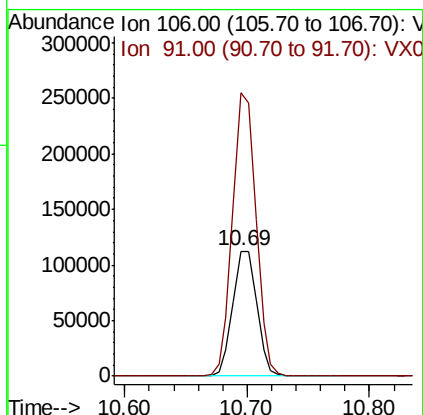
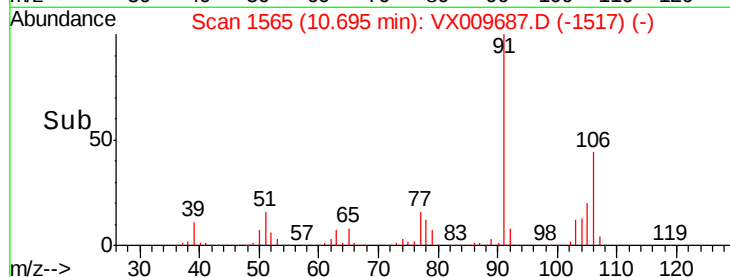
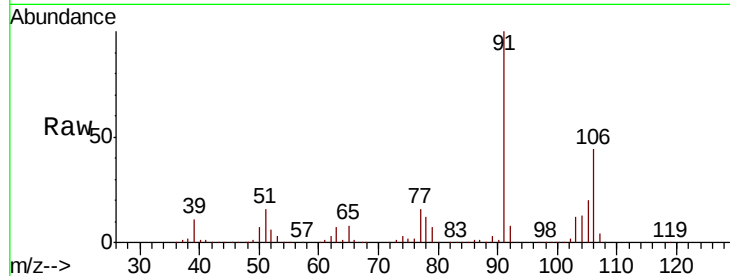




#69
o-Xylene
Concen: 54.193 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

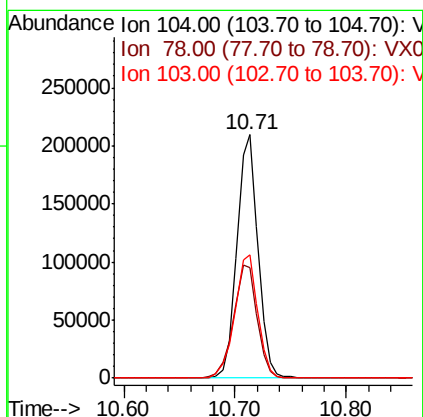
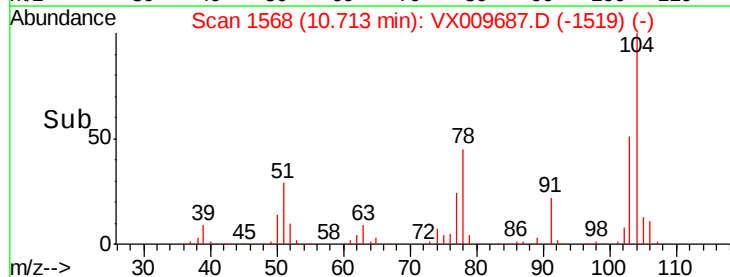
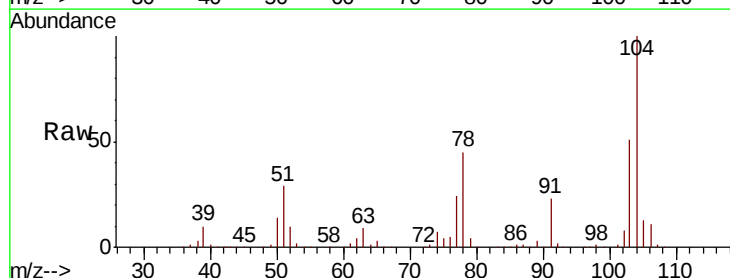
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

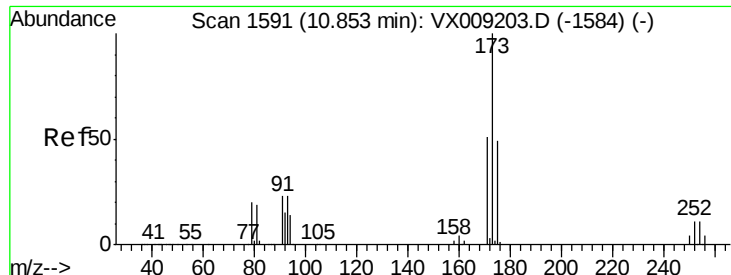
Tot Ion:106 Resp: 153731
Ion Ratio Lower Upper
106 100
91 220.7 109.5 328.4



#70
Styrene
Concen: 55.479 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

Tgt Ion:104 Resp: 273534
Ion Ratio Lower Upper
104 100
78 52.0 41.0 61.4
103 55.4 43.8 65.6





#71

Bromoform

Concen: 57.683 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.01 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

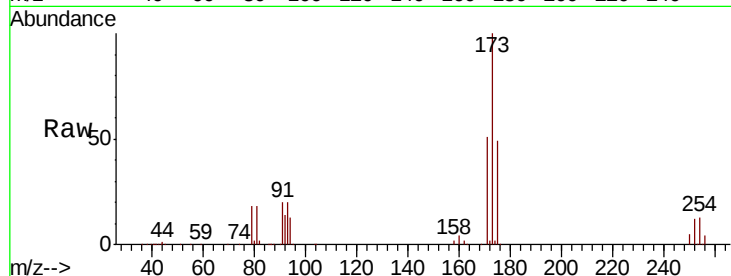
Tot Ion:173 Resp: 72653

Ion Ratio Lower Upper

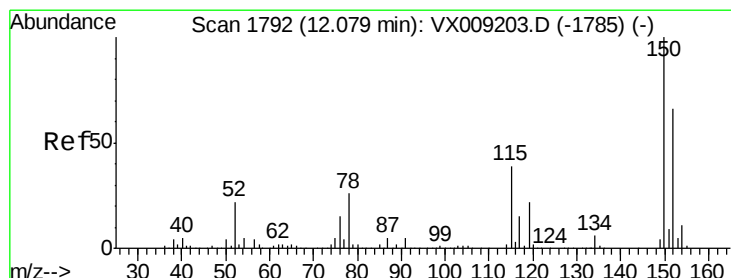
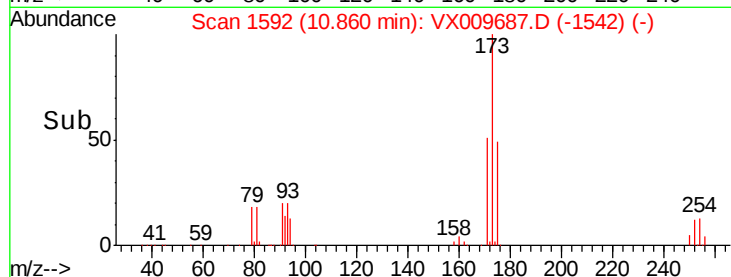
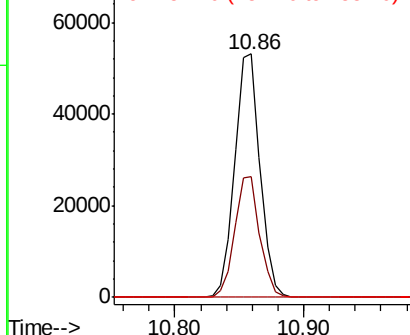
173 100

175 49.1 24.5 73.5

254 0.2 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

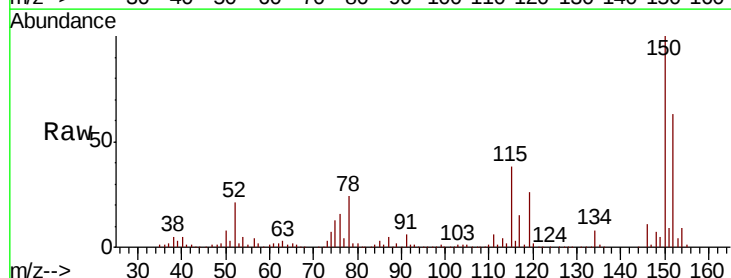
Tgt Ion:152 Resp: 105540

Ion Ratio Lower Upper

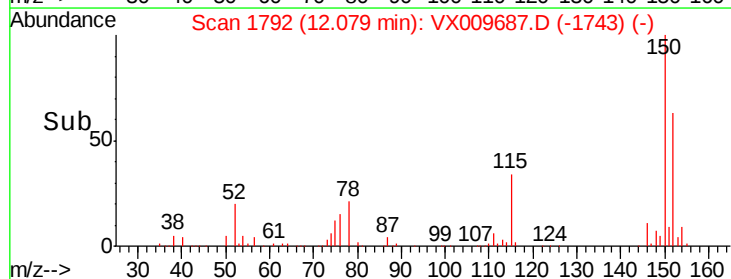
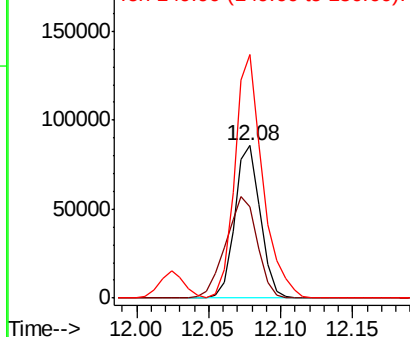
152 100

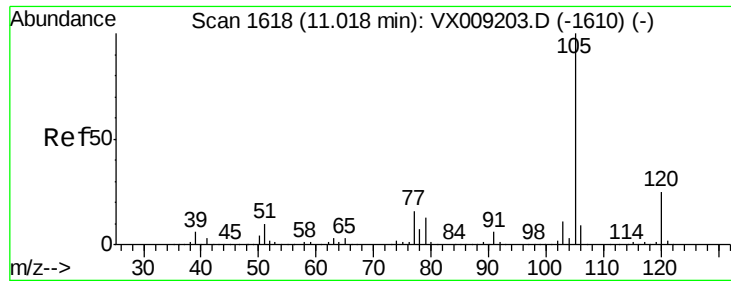
115 83.2 41.2 123.6

150 174.6 0.0 346.4



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





#73

Isopropylbenzene

Concen: 53.605 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

Instrument :

MSVOA_X

ClientSampleId :

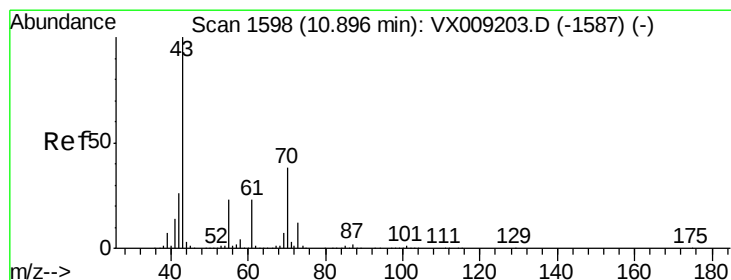
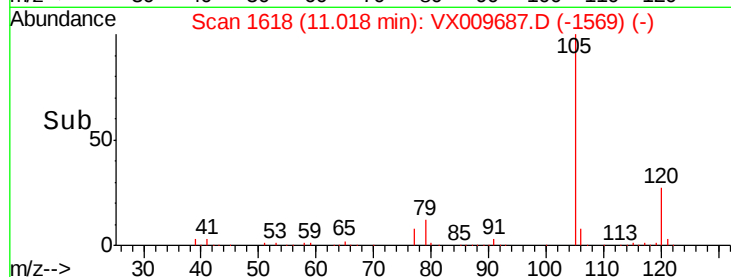
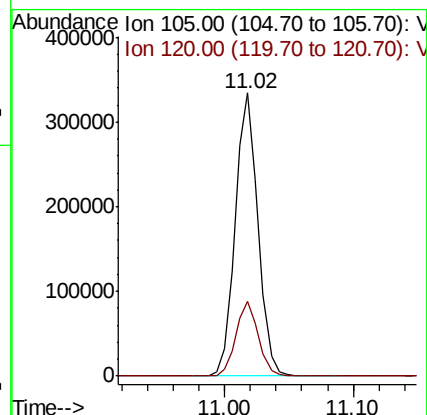
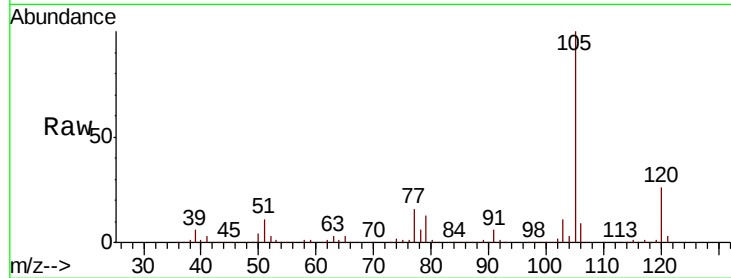
VSTDCCC050EC

Tot Ion:105 Resp: 411407

Ion Ratio Lower Upper

105 100

120 25.9 12.8 38.3



#74

N-ethyl acetate

Concen: 57.792 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

Tgt Ion: 43 Resp: 258590

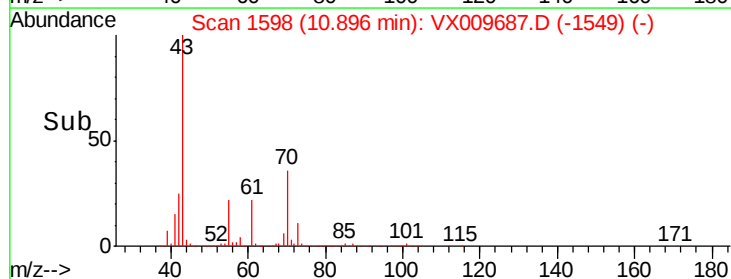
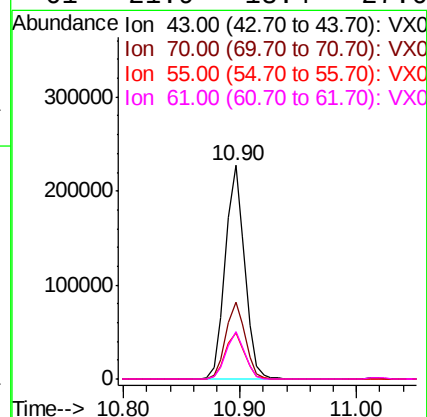
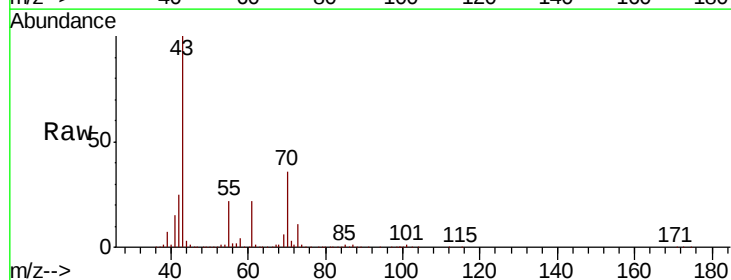
Ion Ratio Lower Upper

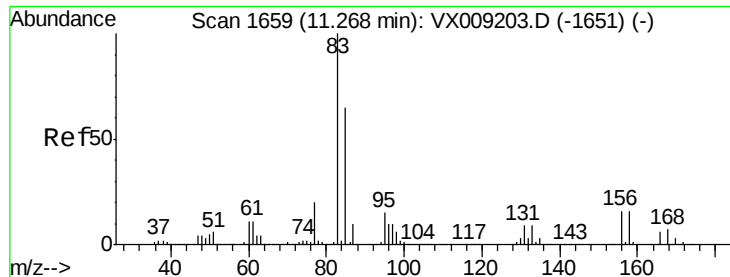
43 100

70 36.4 30.0 45.0

55 22.1 17.9 26.9

61 21.9 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 55.605 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

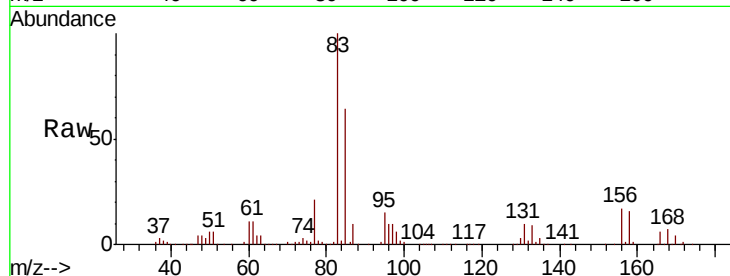
Tot Ion: 83 Resp: 159089

Ion Ratio Lower Upper

83 100

131 9.5 4.6 13.8

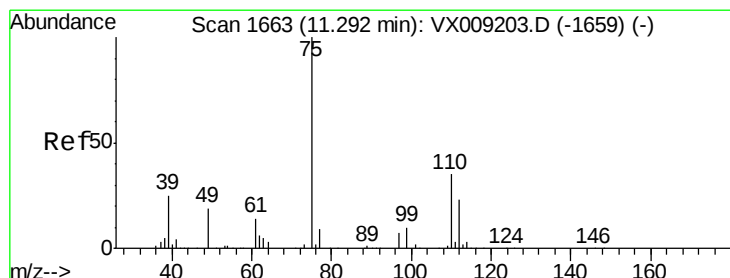
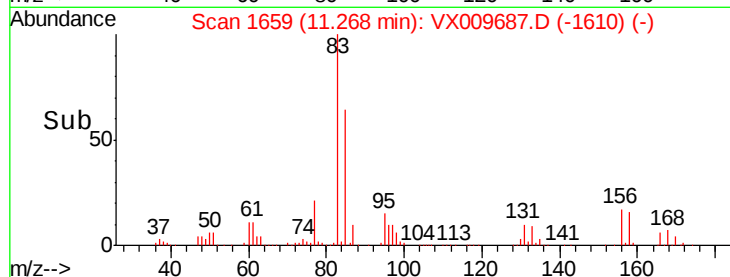
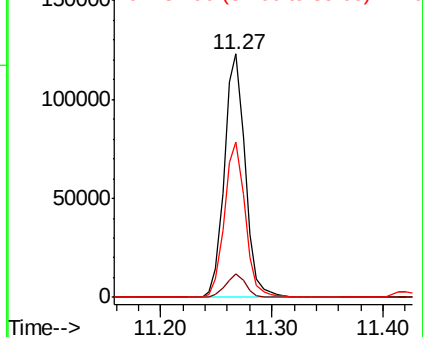
85 63.5 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 74.719 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX009687.D

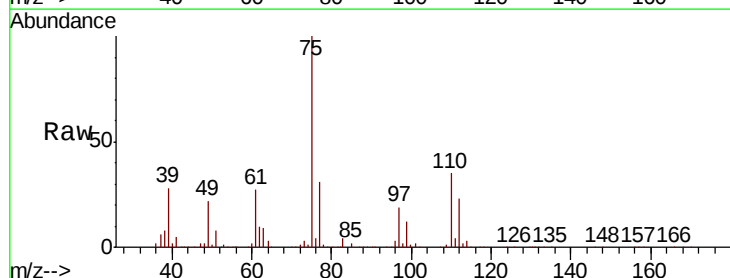
Acq: 18 May 2019 01:11

Tgt Ion: 75 Resp: 182923

Ion Ratio Lower Upper

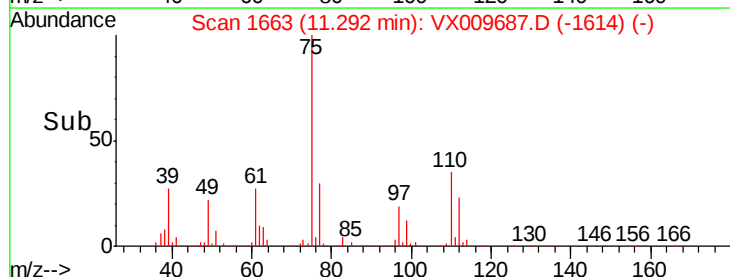
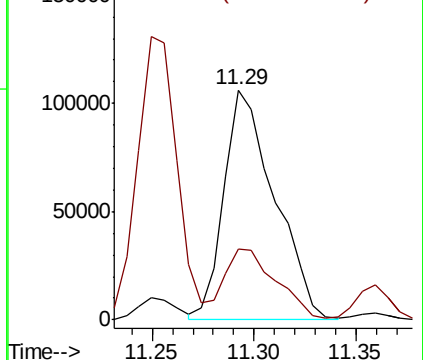
75 100

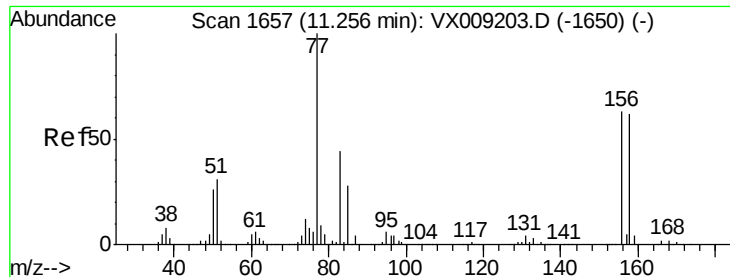
77 32.1 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 54.372 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

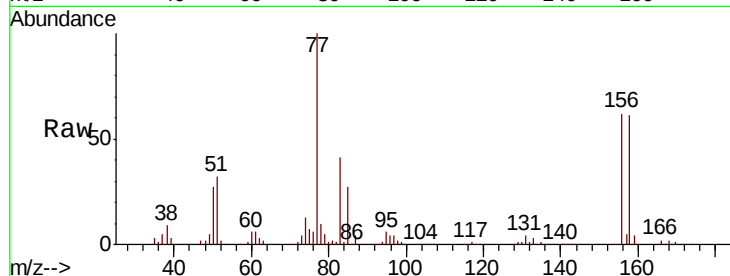
Tot Ion:156 Resp: 103574

Ion Ratio Lower Upper

156 100

77 169.5 84.8 254.3

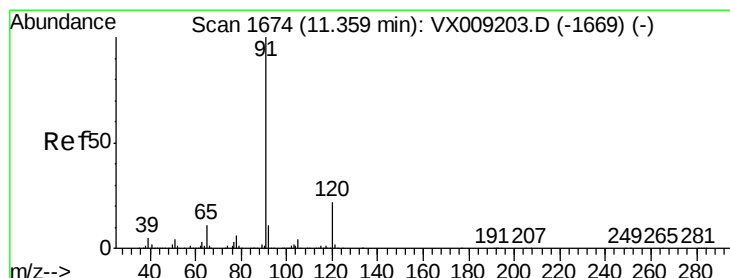
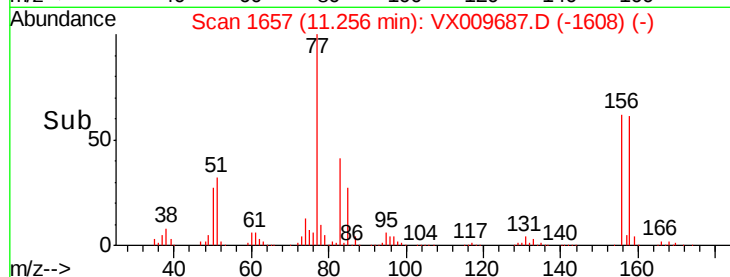
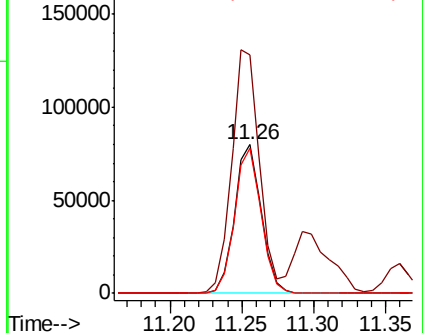
158 96.7 49.1 147.3



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: 53.562 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009687.D

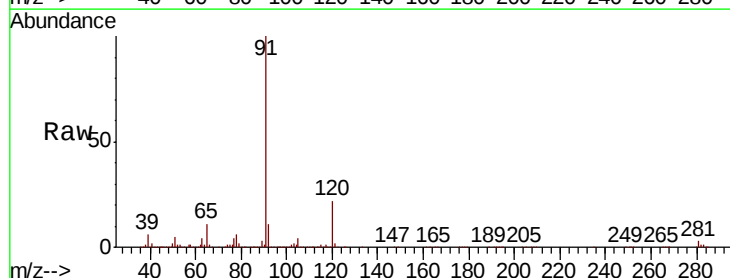
Acq: 18 May 2019 01:11

Tgt Ion: 91 Resp: 469467

Ion Ratio Lower Upper

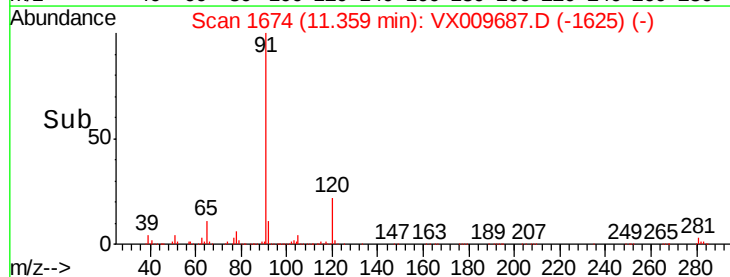
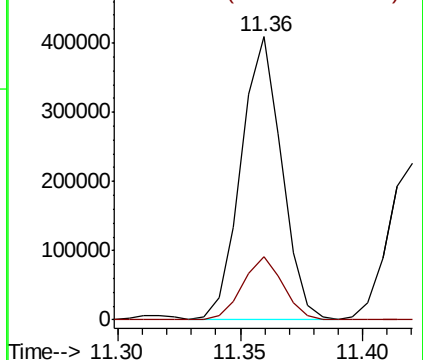
91 100

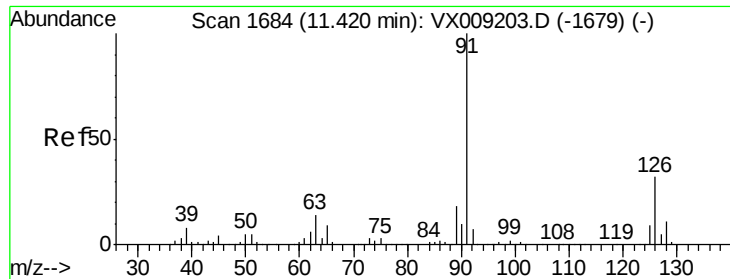
120 22.3 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

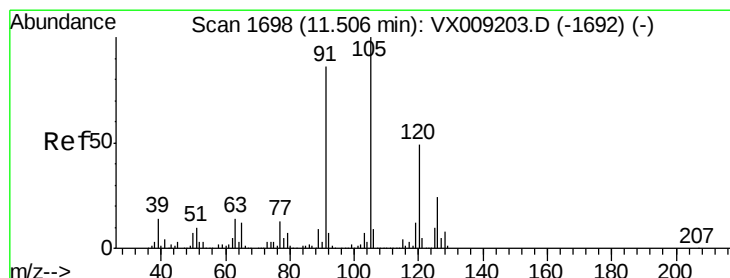
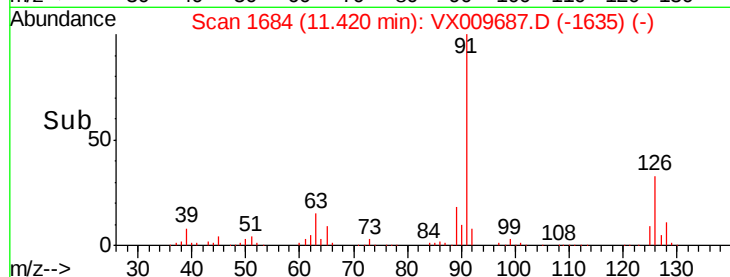
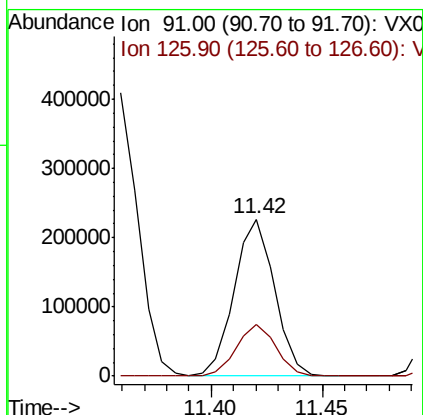
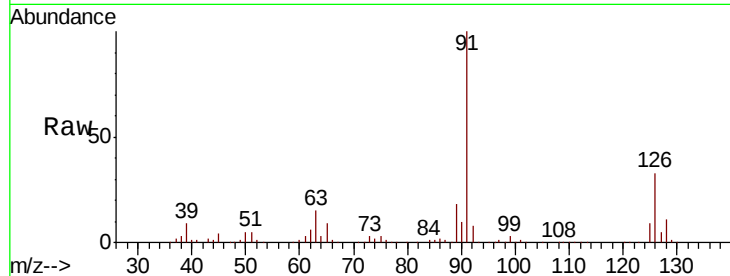




#79
 2-Chlorotoluene
 Concen: 52.609 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX009687.D
 Acq: 18 May 2019 01:11

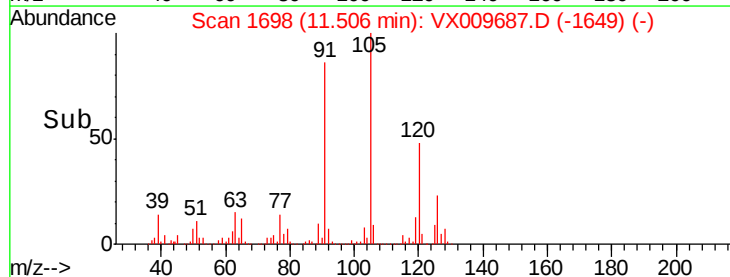
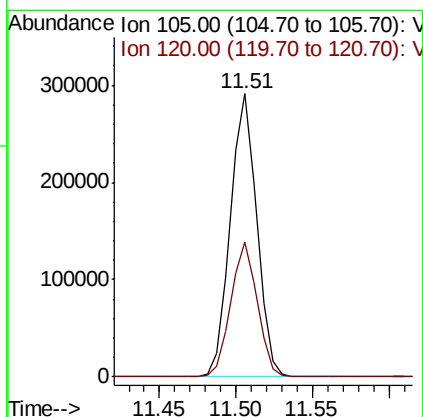
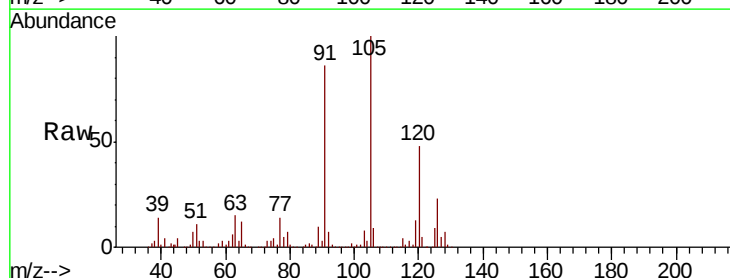
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

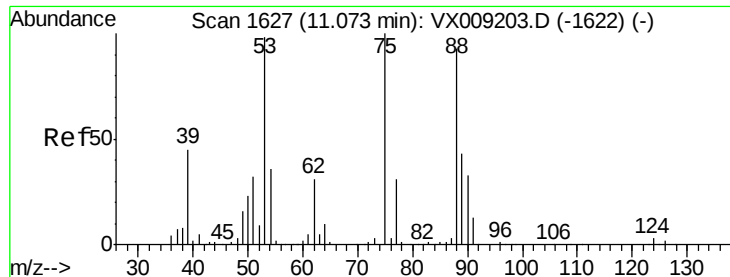
Tot Ion: 91 Resp: 284483
 Ion Ratio Lower Upper
 91 100
 126 32.9 16.3 48.9



#80
 1,3,5-Trimethylbenzene
 Concen: 53.887 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX009687.D
 Acq: 18 May 2019 01:11

Tgt Ion: 105 Resp: 348226
 Ion Ratio Lower Upper
 105 100
 120 47.8 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 49.963 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

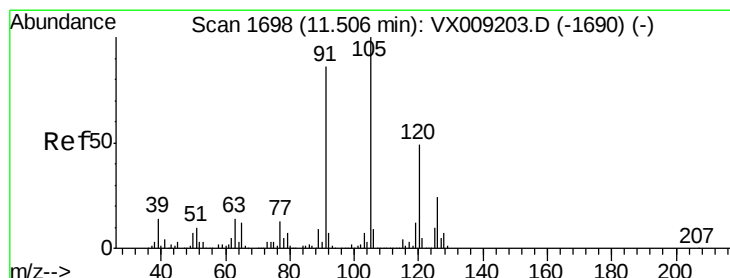
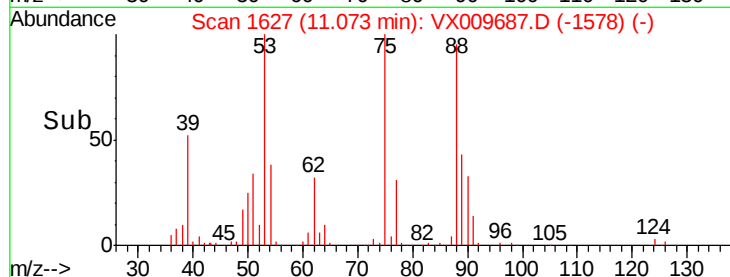
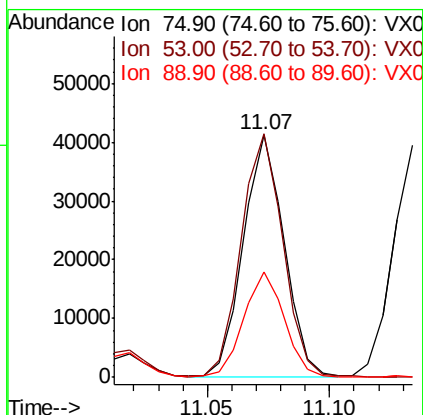
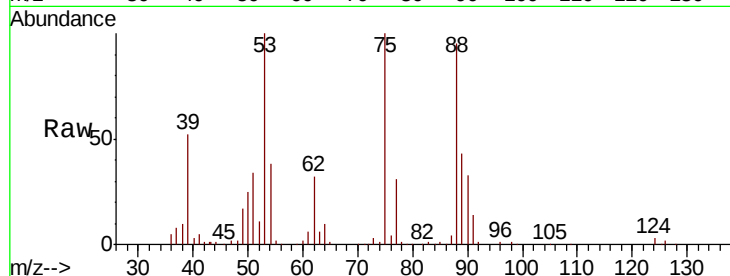
Tot Ion: 75 Resp: 47805

Ion Ratio Lower Upper

75 100

53 103.3 79.0 118.6

89 43.7 34.7 52.1



#82

4-Chlorotoluene

Concen: 53.769 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009687.D

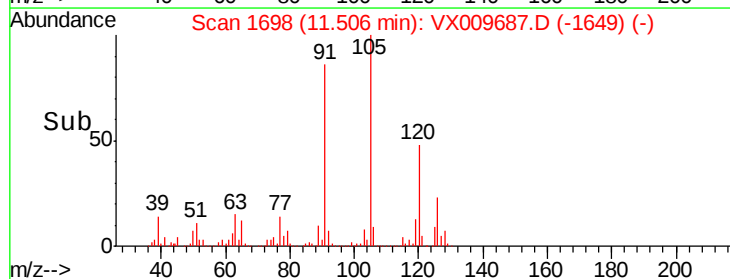
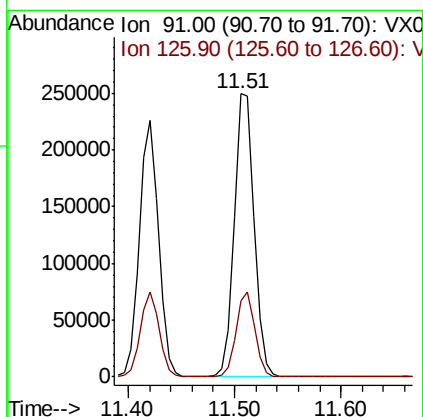
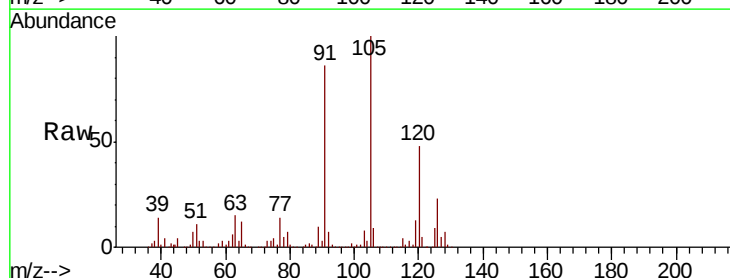
Acq: 18 May 2019 01:11

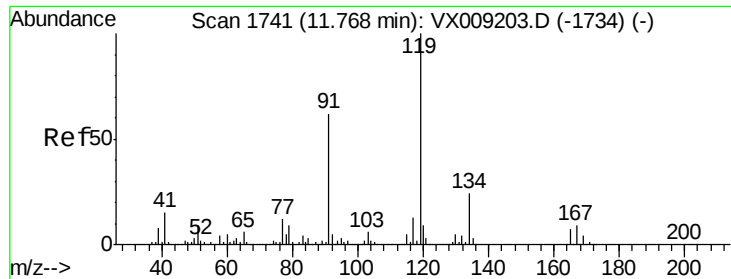
Tgt Ion: 91 Resp: 328473

Ion Ratio Lower Upper

91 100

126 28.4 14.5 43.6

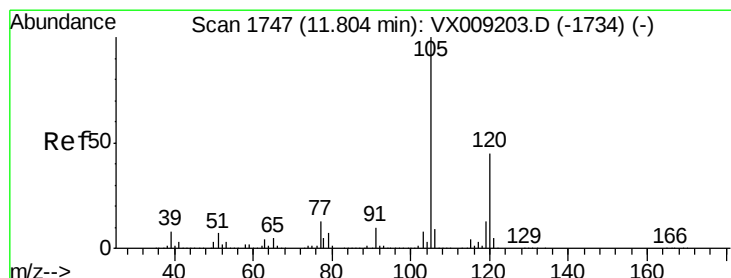
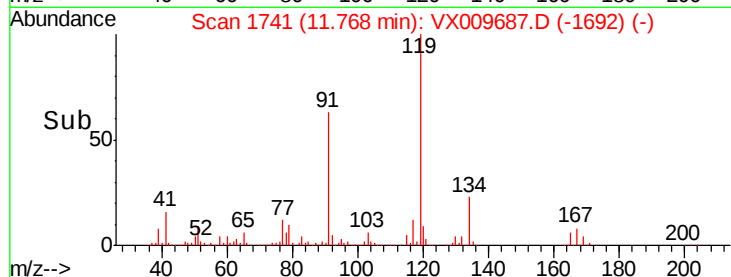
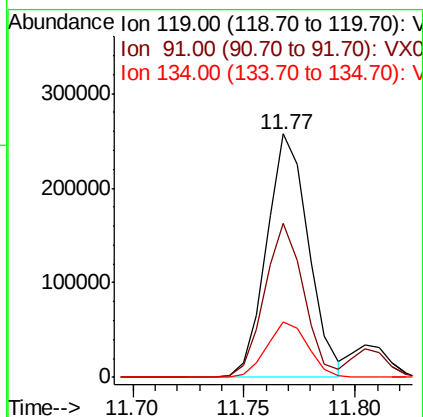
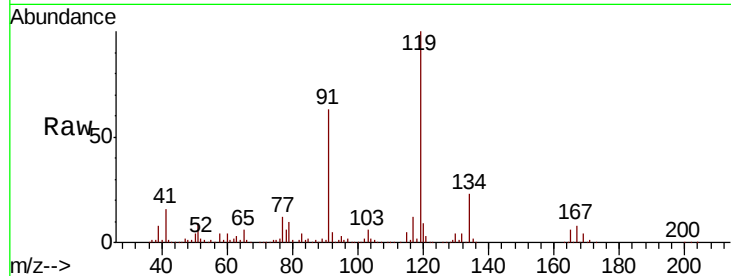




#83
 tert-Butylbenzene
 Concen: 53.363 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX009687.D
 Acq: 18 May 2019 01:11

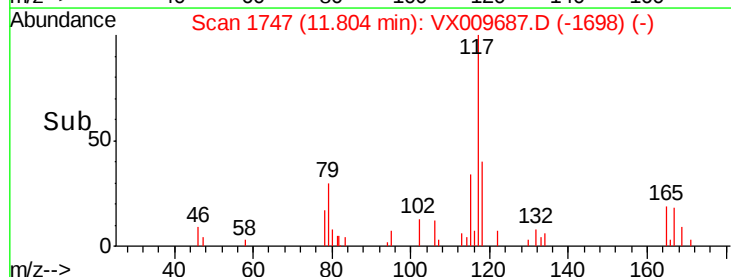
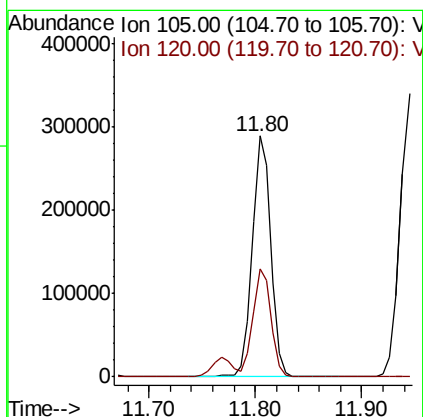
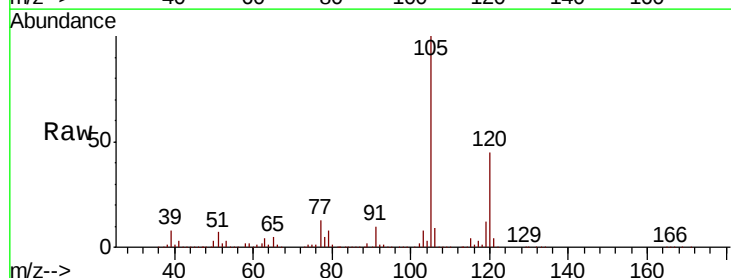
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

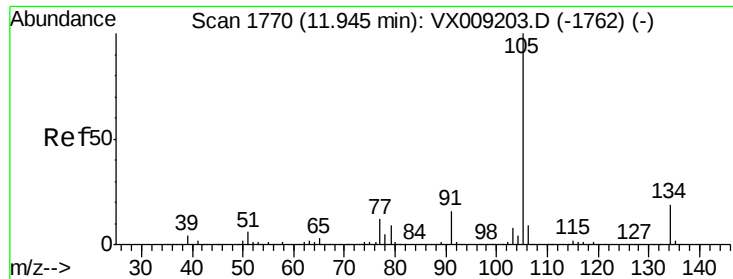
Tot Ion:119 Resp: 335460
 Ion Ratio Lower Upper
 119 100
 91 59.8 29.5 88.5
 134 22.4 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 54.459 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX009687.D
 Acq: 18 May 2019 01:11

Tgt Ion:105 Resp: 353241
 Ion Ratio Lower Upper
 105 100
 120 43.7 22.0 66.0





#85

sec-Butylbenzene

Concen: 53.173 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

Instrument :

MSVOA_X

ClientSampleId :

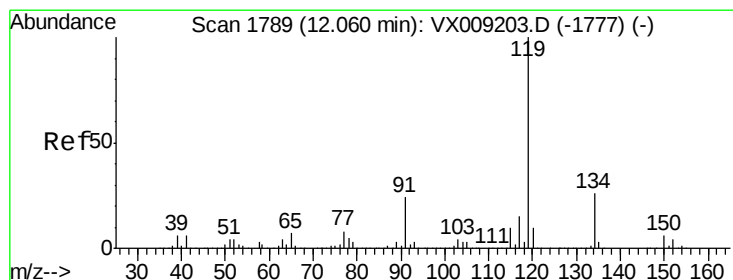
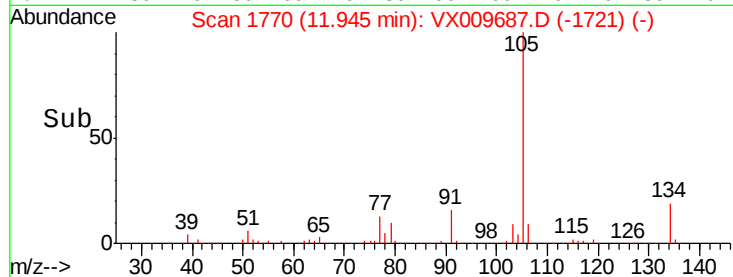
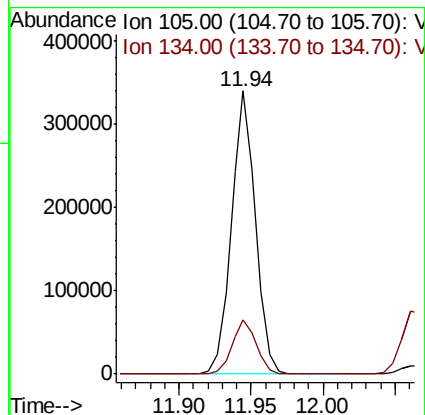
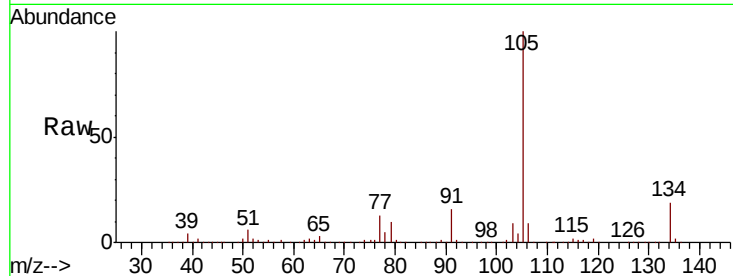
VSTDCCC050EC

Tot Ion:105 Resp: 396295

Ion Ratio Lower Upper

105 100

134 19.3 9.7 28.9



#86

p-Isopropyltoluene

Concen: 54.171 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

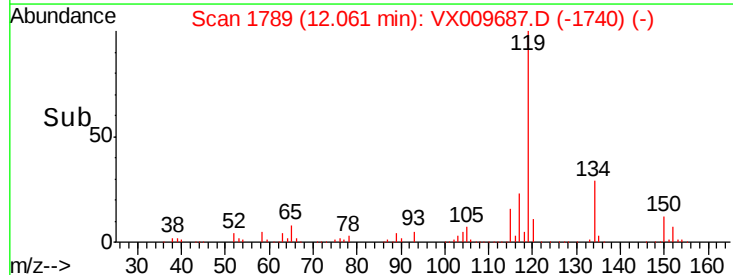
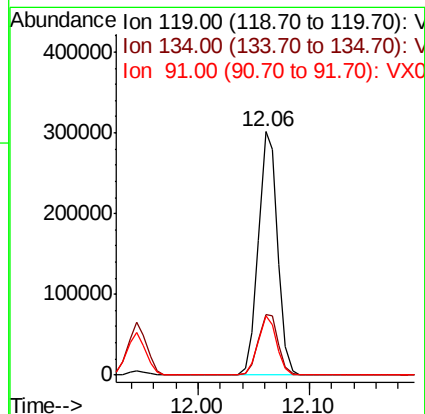
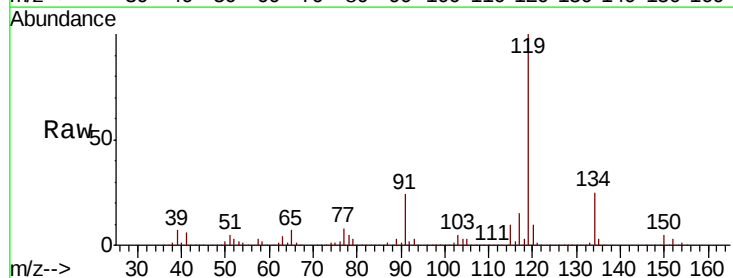
Tgt Ion:119 Resp: 362951

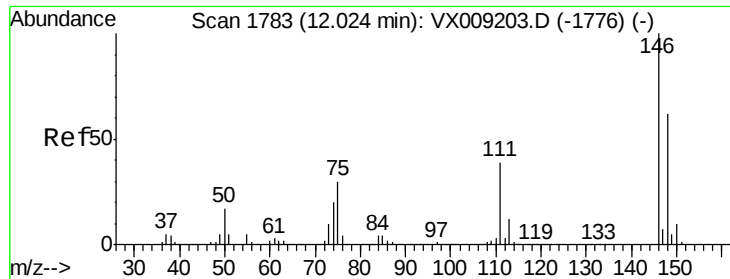
Ion Ratio Lower Upper

119 100

134 25.8 12.9 38.7

91 23.7 11.8 35.4

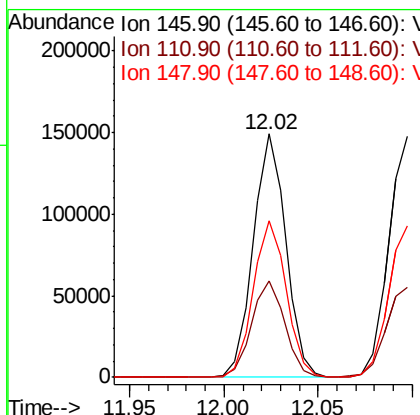
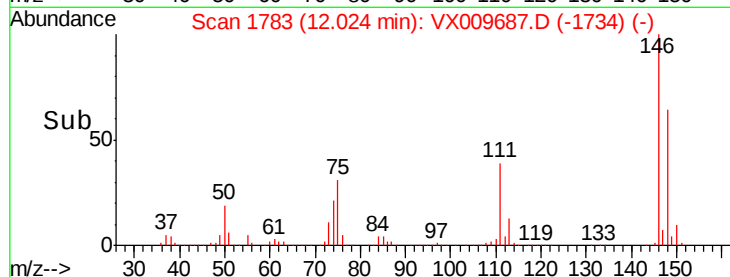
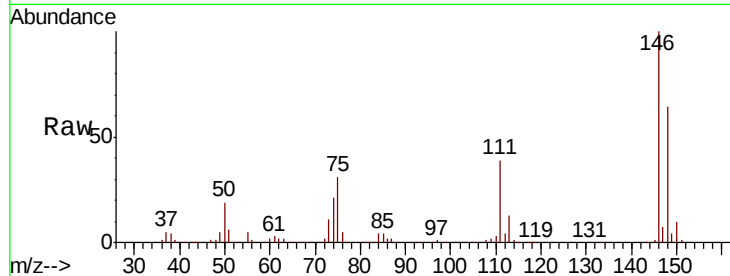




#87
 1,3-Dichlorobenzene
 Concen: 52.799 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX009687.D
 Acq: 18 May 2019 01:11

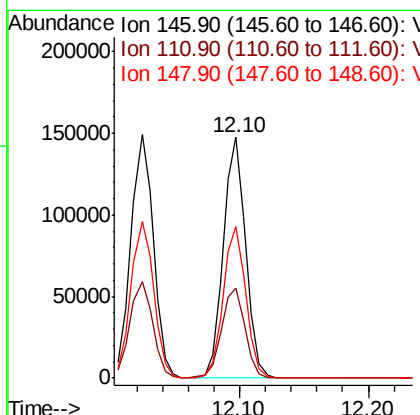
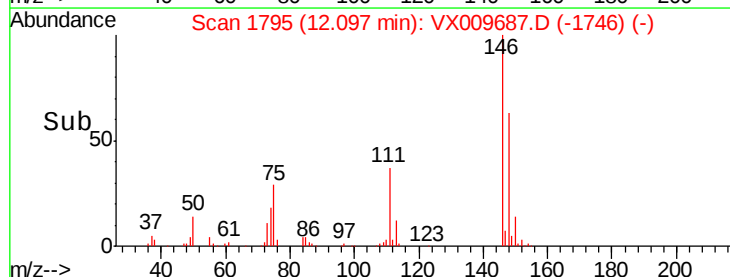
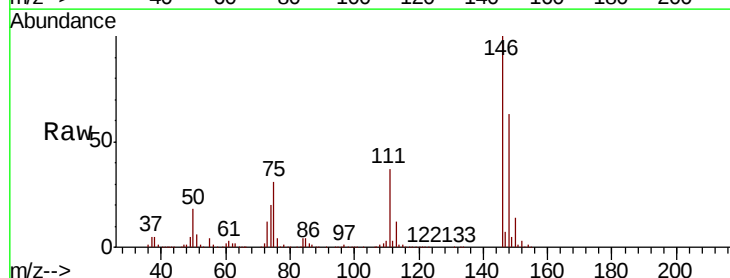
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:146 Resp: 179296
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.0 59.9
 148 64.8 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 52.831 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009687.D
 Acq: 18 May 2019 01:11

Tgt Ion:146 Resp: 180874
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.6 58.8
 148 63.8 31.8 95.3

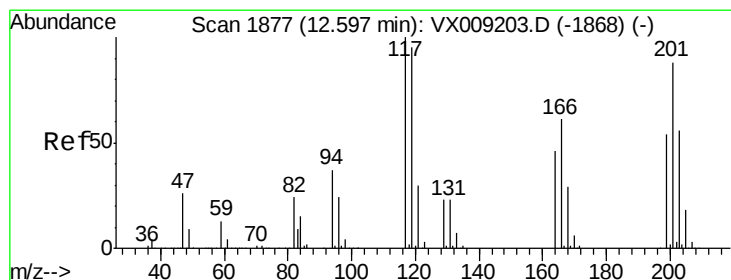
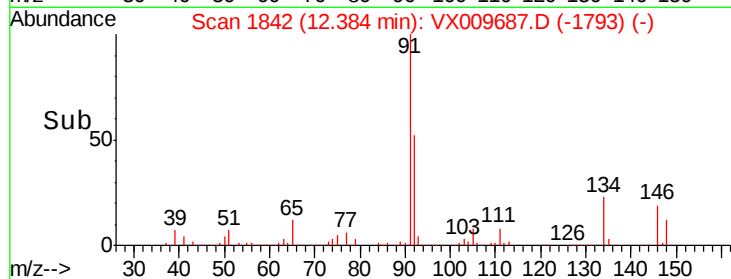
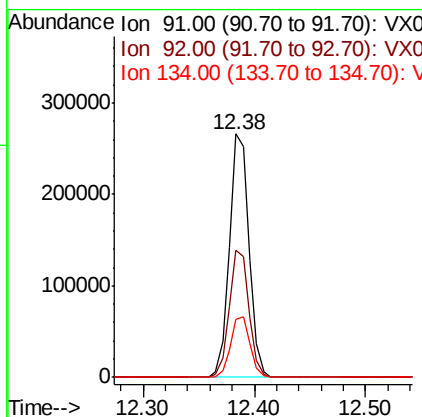
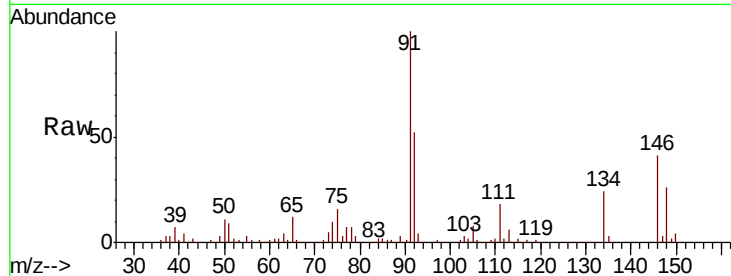




#89
n-Butylbenzene
Concen: 53.110 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

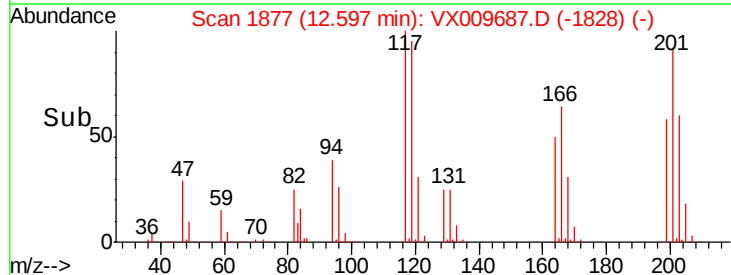
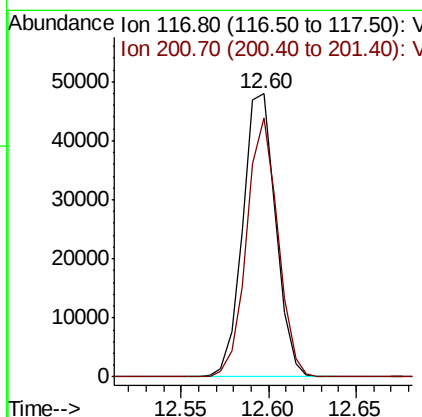
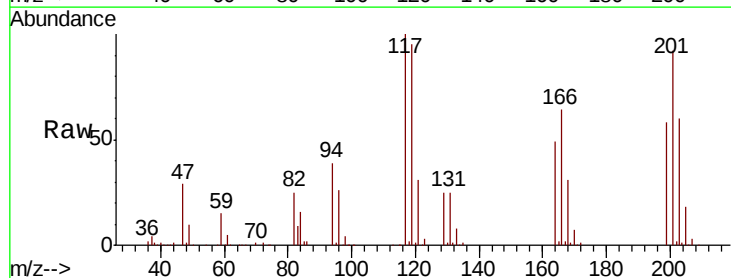
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 321627
Ion Ratio Lower Upper
91 100
92 52.4 26.5 79.5
134 24.9 12.4 37.2



#90
Hexachloroethane
Concen: 55.026 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

Tgt Ion: 117 Resp: 62811
Ion Ratio Lower Upper
117 100
201 86.4 42.3 126.9

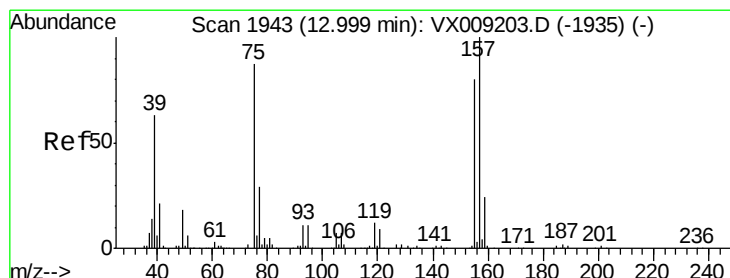
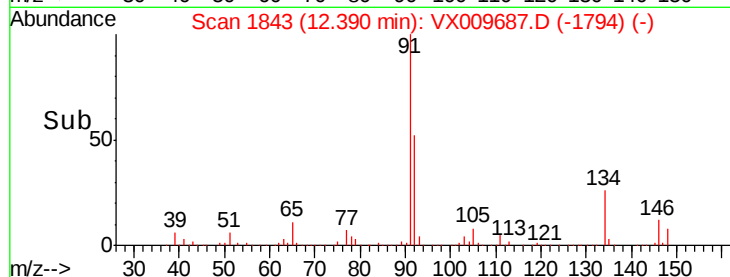
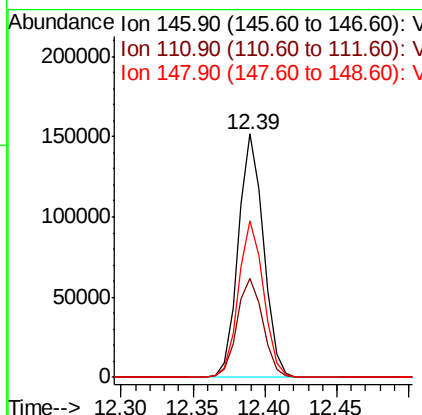
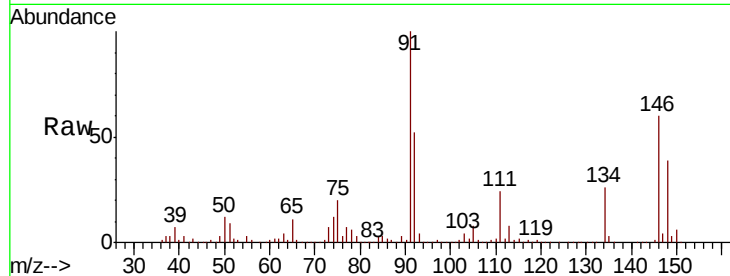




#91
 1,2-Dichlorobenzene
 Concen: 53.176 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX009687.D
 Acq: 18 May 2019 01:11

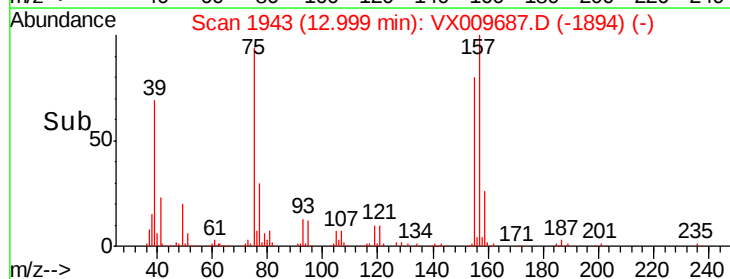
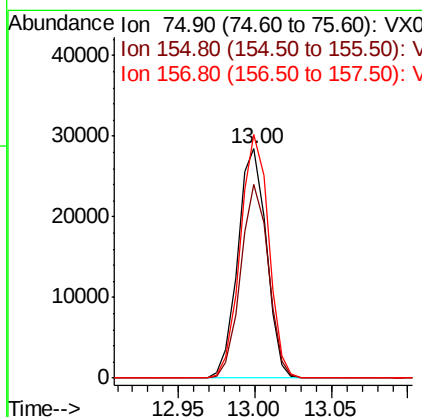
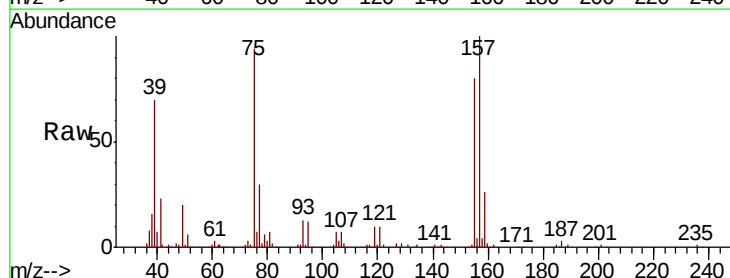
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:146 Resp: 183927
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.8 62.4
 148 64.1 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.518 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX009687.D
 Acq: 18 May 2019 01:11

Tgt Ion: 75 Resp: 36916
 Ion Ratio Lower Upper
 75 100
 155 81.8 42.0 126.0
 157 105.1 53.2 159.6

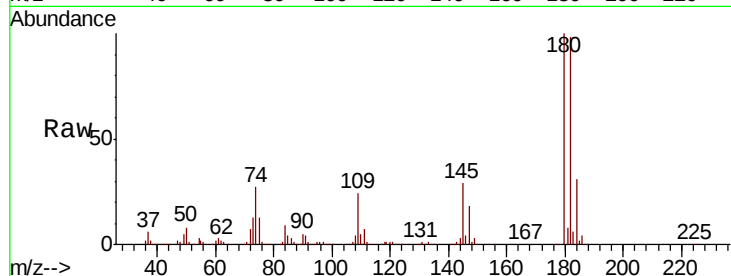




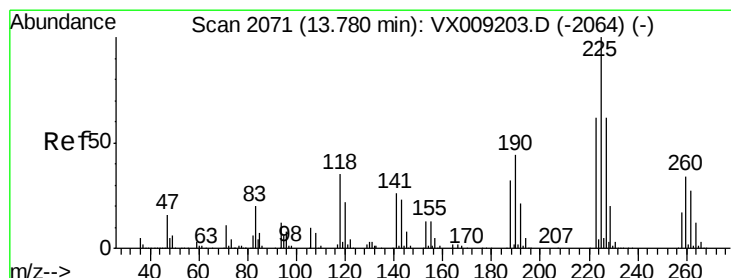
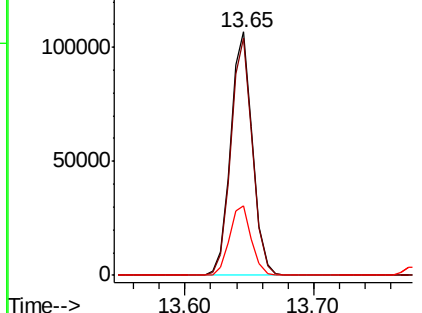
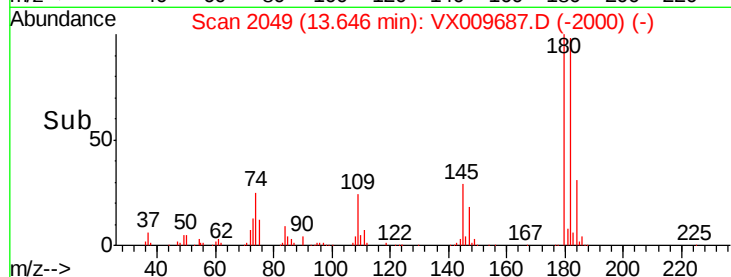
#93
 1,2,4-Trichlorobenzene
 Concen: 53.511 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009687.D
 Acq: 18 May 2019 01:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 126566
 Ion Ratio Lower Upper
 180 100
 182 96.3 48.4 145.2
 145 29.0 14.6 43.8

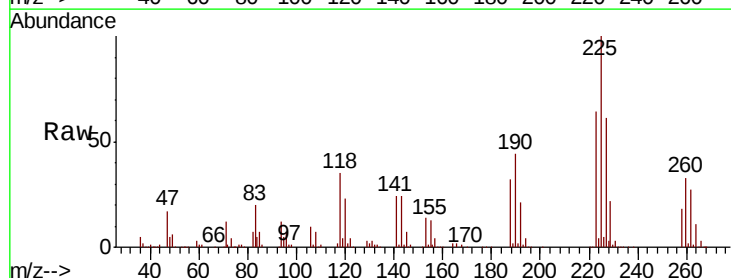


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

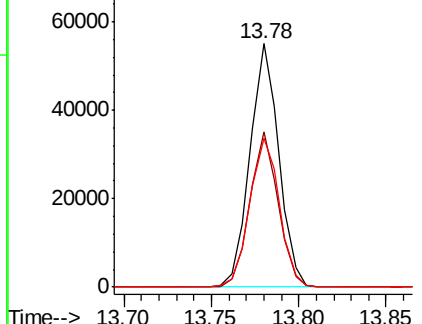
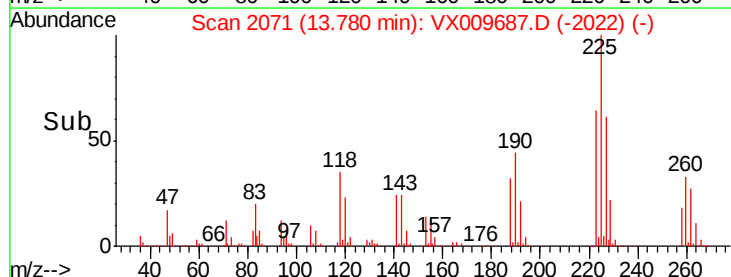


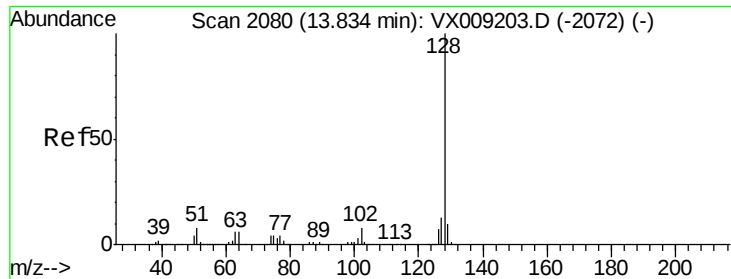
#94
 Hexachlorobutadiene
 Concen: 52.041 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX009687.D
 Acq: 18 May 2019 01:11

Tgt Ion:225 Resp: 62857
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.3 93.8
 227 63.0 31.8 95.3



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

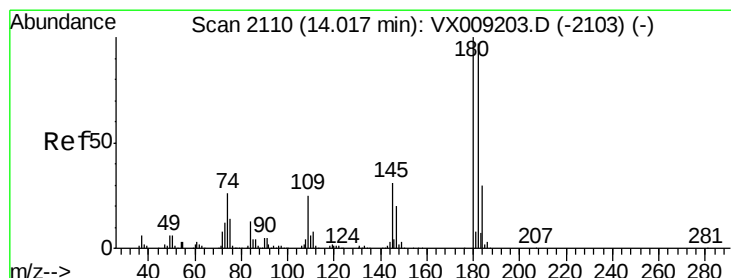
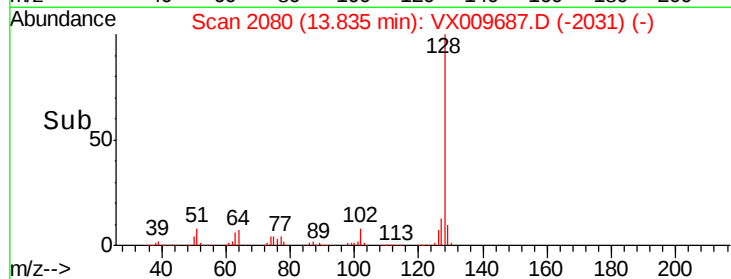
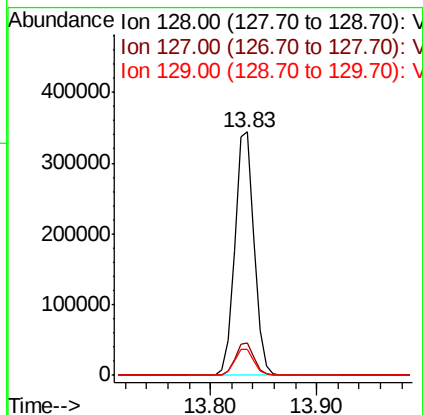
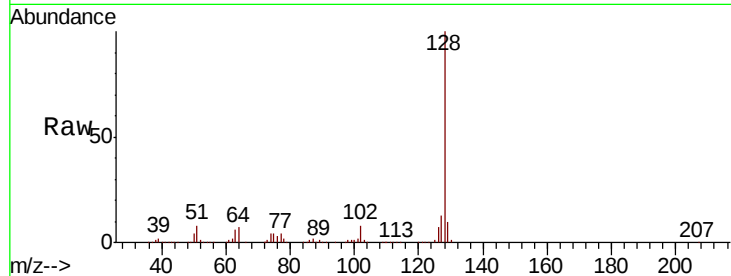




#95
Naphthalene
Concen: 56.641 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	10.9	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 54.603 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.8	143.4
145	30.9	15.4	46.4

