

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031419\
 Data File : VX008077.D
 Acq On : 14 Mar 2019 18:13
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 15 04:26:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 03:56:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	324842	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	449772	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	394608	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	201516	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	144572	44.12	ug/l	0.00
Spiked Amount			Recovery	=	88.24%	
35) Dibromofluoromethane	5.50	113	135375	47.46	ug/l	0.00
Spiked Amount			Recovery	=	94.92%	
50) Toluene-d8	8.71	98	517460	47.70	ug/l	0.00
Spiked Amount			Recovery	=	95.40%	
62) 4-Bromofluorobenzene	11.13	95	182693	47.01	ug/l	0.00
Spiked Amount			Recovery	=	94.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	124441	47.857	ug/l	98
3) Chloromethane	1.33	50	124271	40.590	ug/l	99
4) Vinyl Chloride	1.41	62	126631	43.347	ug/l	100
5) Bromomethane	1.64	94	63877	44.865	ug/l	99
6) Chloroethane	1.72	64	74854	47.565	ug/l	97
7) Trichlorofluoromethane	1.93	101	161080	45.942	ug/l	98
8) Diethyl Ether	2.19	74	87322	50.102	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.39	101	134792	51.439	ug/l	97
10) Methyl Iodide	2.51	142	193246	52.789	ug/l	97
11) Tert butyl alcohol	3.07	59	155100	244.994	ug/l	100
12) 1,1-Dichloroethene	2.37	96	125462	50.656	ug/l	95
13) Acrolein	2.30	56	123264	211.377	ug/l	99
14) Allyl chloride	2.73	41	222864	49.402	ug/l	97
15) Acrylonitrile	3.15	53	378376	245.106	ug/l	100
16) Acetone	2.45	43	368075	237.930	ug/l	98
17) Carbon Disulfide	2.57	76	360842	50.741	ug/l	100
18) Methyl Acetate	2.78	43	171806	51.384	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	420429	50.207	ug/l	98
20) Methylene Chloride	2.85	84	134318	48.614	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	132310	49.581	ug/l	93
22) Diisopropyl ether	3.87	45	437652	48.817	ug/l	95
23) Vinyl Acetate	3.82	43	1899380	249.112	ug/l	98
24) 1,1-Dichloroethane	3.70	63	242891	49.424	ug/l	100
25) 2-Butanone	4.70	43	560711	236.134	ug/l	95
26) 2,2-Dichloropropane	4.58	77	180199	47.996	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	152987	48.229	ug/l	97
28) Bromochloromethane	5.02	49	113225	48.781	ug/l	90
29) Tetrahydrofuran	5.15	42	352315	237.678	ug/l	95
30) Chloroform	5.21	83	233794	46.966	ug/l	100
31) Cyclohexane	5.57	56	233110	49.754	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	200162	47.736	ug/l	97
36) 1,1-Dichloropropene	5.79	75	183627	49.627	ug/l	98
37) Ethyl Acetate	4.85	43	197785	49.735	ug/l	97
38) Carbon Tetrachloride	5.78	117	174948	49.121	ug/l	97

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	247068	52.239	ug/l	98
40) Benzene	6.14	78	561387	49.525	ug/l	99
41) Methacrylonitrile	5.06	41	113853	49.172	ug/l	98
42) 1,2-Dichloroethane	6.20	62	173005	47.710	ug/l	98
43) Isopropyl Acetate	6.46	43	314362	49.085	ug/l	97
44) Trichloroethene	7.21	130	161139	49.257	ug/l	95
45) 1,2-Dichloropropane	7.51	63	144415	48.292	ug/l	98
46) Dibromomethane	7.66	93	91707	48.927	ug/l	96
47) Bromodichloromethane	7.90	83	169915	47.666	ug/l	99
48) Methyl methacrylate	7.77	41	161289	48.220	ug/l	96
49) 1,4-Dioxane	7.75	88	70170	972.665	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	982329	232.728	ug/l	96
52) Toluene	8.78	92	351395	48.768	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	194304	49.723	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	218868	50.397	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	142796	48.672	ug/l	98
56) Ethyl methacrylate	9.18	69	215634	49.757	ug/l	94
57) 1,3-Dichloropropane	9.37	76	229780	47.325	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	600561	235.555	ug/l	96
59) 2-Hexanone	9.49	43	756908	229.292	ug/l	97
60) Dibromochloromethane	9.59	129	143813	47.560	ug/l	99
61) 1,2-Dibromoethane	9.67	107	148910	48.439	ug/l	99
64) Tetrachloroethene	9.34	164	162604	50.857	ug/l	97
65) Chlorobenzene	10.14	112	388909	49.664	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	140721	50.636	ug/l	100
67) Ethyl Benzene	10.25	91	657939	50.761	ug/l	99
68) m/p-Xylenes	10.36	106	509993	102.828	ug/l	99
69) o-Xylene	10.69	106	247888	51.270	ug/l	98
70) Styrene	10.71	104	407132	51.402	ug/l	99
71) Bromoform	10.85	173	113857	49.506	ug/l #	100
73) Isopropylbenzene	11.02	105	665959	51.597	ug/l	100
74) N-amyl acetate	10.90	43	264906	48.655	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	201180	47.571	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	235724	67.354	ug/l	91
77) Bromobenzene	11.26	156	176058	49.975	ug/l	97
78) n-propylbenzene	11.36	91	739455	52.220	ug/l	99
79) 2-Chlorotoluene	11.42	91	432333	49.993	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	552210	51.921	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	61575	50.067	ug/l	98
82) 4-Chlorotoluene	11.51	91	500076	50.490	ug/l	99
83) tert-Butylbenzene	11.77	119	548011	51.418	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	564157	51.425	ug/l	99
85) sec-Butylbenzene	11.94	105	667828	52.591	ug/l	100
86) p-Isopropyltoluene	12.06	119	608862	53.016	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	318549	50.806	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	316186	49.663	ug/l	100
89) n-Butylbenzene	12.38	91	512494	53.331	ug/l	99
90) Hexachloroethane	12.60	117	92179	50.152	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	309886	49.816	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	41823	48.915	ug/l	91

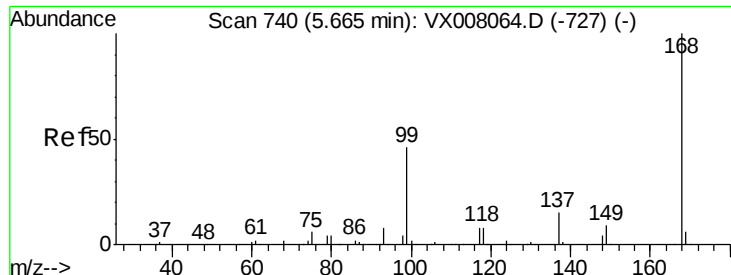
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	231769	52.598	ug/l	100
94) Hexachlorobutadiene	13.78	225	122476	51.158	ug/l	98
95) Naphthalene	13.83	128	666209	53.769	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	227486	52.442	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX008077.D

Acq: 14 Mar 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

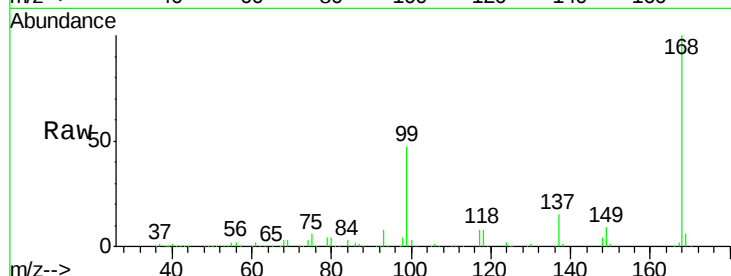
VSTDCCC050

Tot Ion:168 Resp: 324842

Ion Ratio Lower Upper

168 100

99 46.6 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

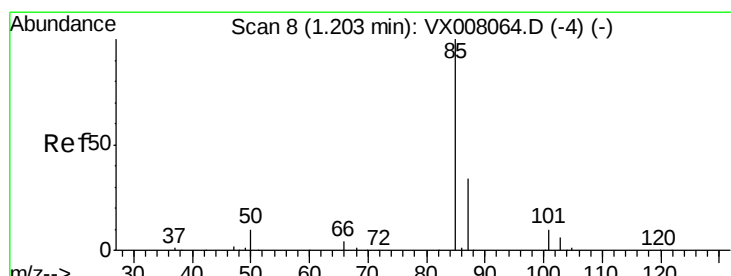
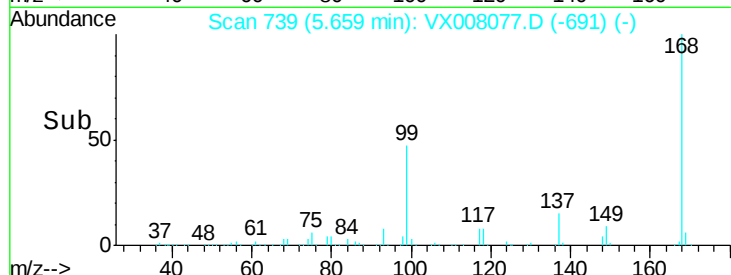
5.66

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.857 ug/l

RT: 1.20 min Scan# 8

Delta R.T. -0.00 min

Lab File: VX008077.D

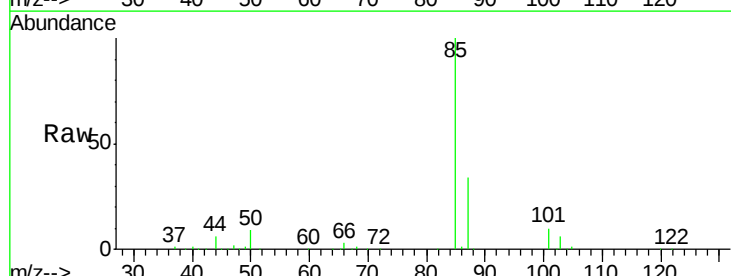
Acq: 14 Mar 2019 18:13

Tgt Ion: 85 Resp: 124441

Ion Ratio Lower Upper

85 100

87 33.8 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

120000

100000

80000

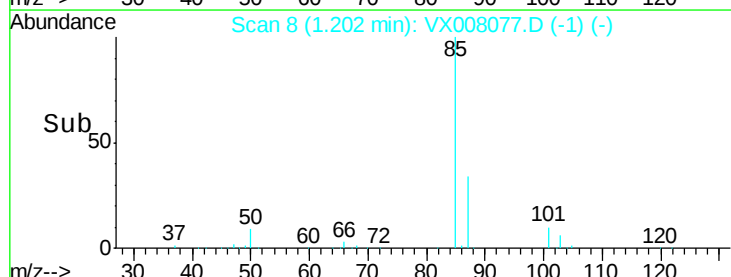
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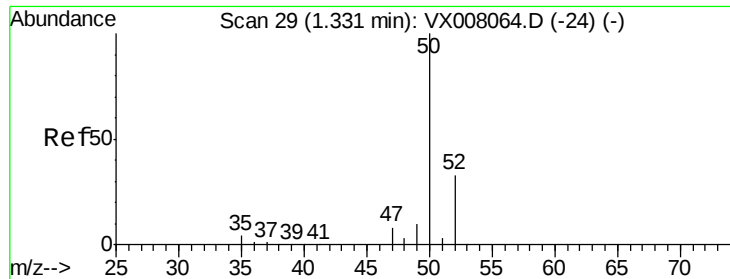
40000

20000

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Time-->





#3

Chloromethane

Concen: 40.590 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX008077.D

Acq: 14 Mar 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

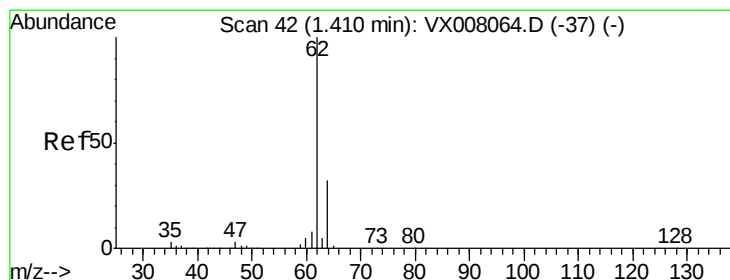
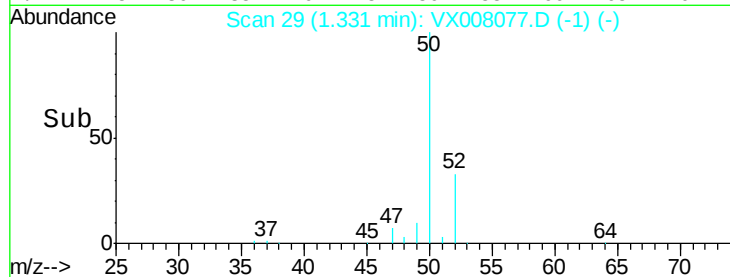
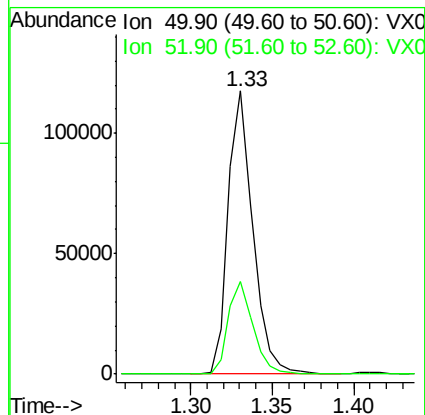
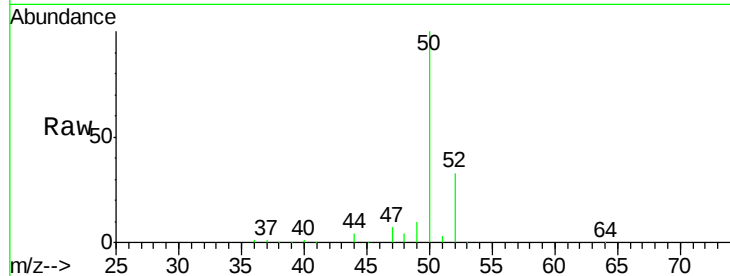
VSTDCCC050

Tot Ion: 50 Resp: 124271

Ion Ratio Lower Upper

50 100

52 32.6 26.5 39.7



#4

Vinyl Chloride

Concen: 43.347 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008077.D

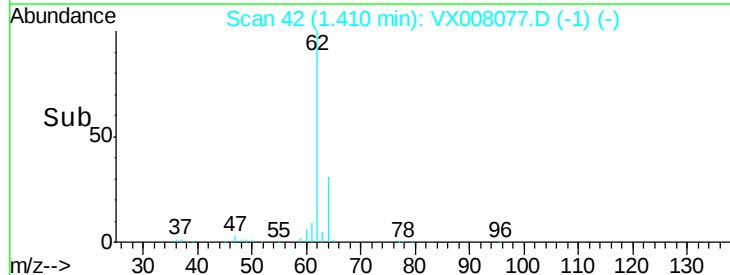
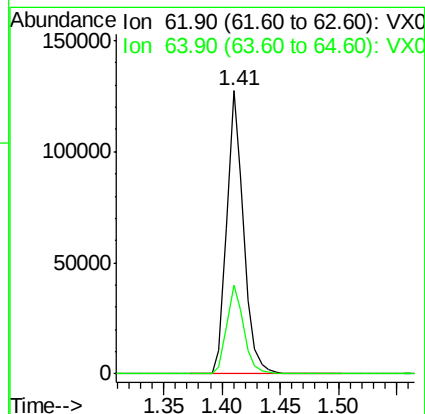
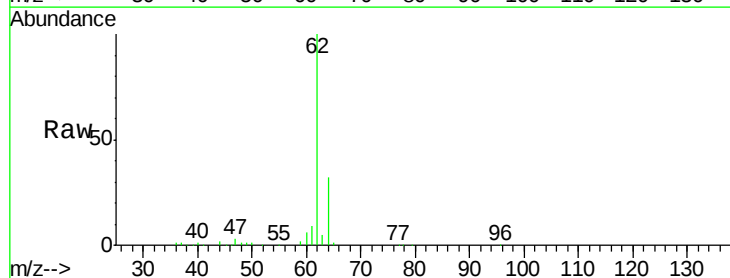
Acq: 14 Mar 2019 18:13

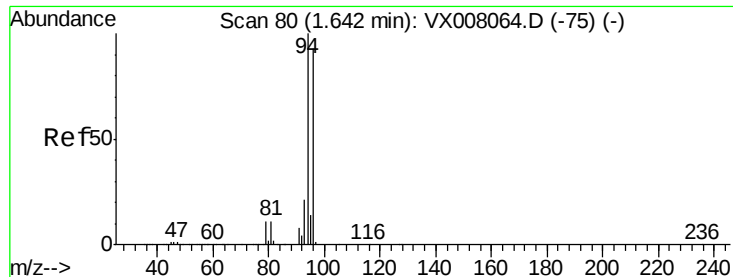
Tgt Ion: 62 Resp: 126631

Ion Ratio Lower Upper

62 100

64 31.4 25.3 37.9





#5

Bromomethane

Concen: 44.865 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX008077.D

Acq: 14 Mar 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

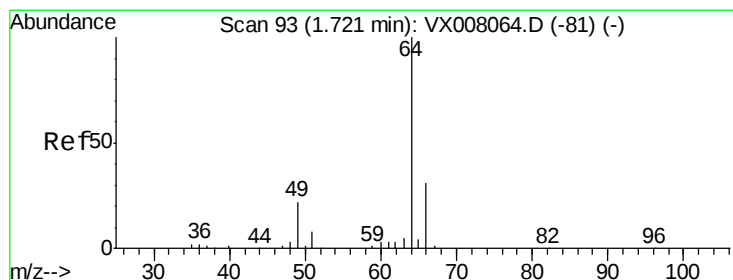
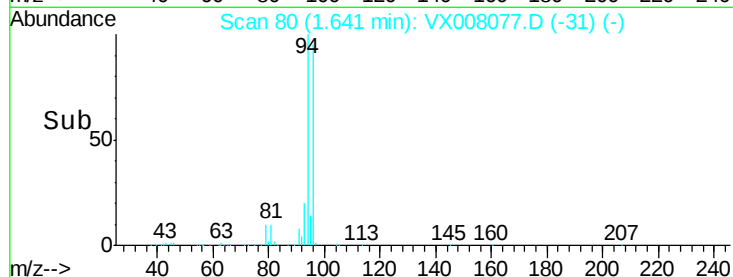
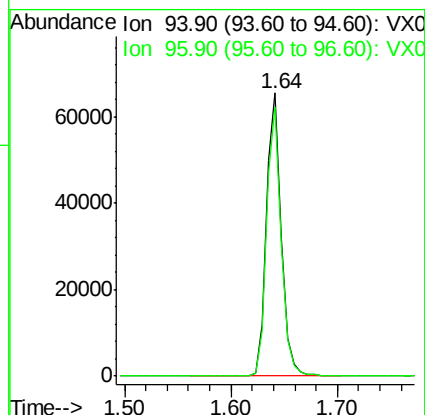
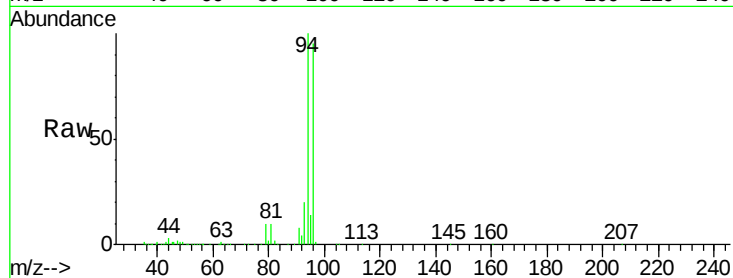
VSTDCCC050

Tot Ion: 94 Resp: 63877

Ion Ratio Lower Upper

94 100

96 95.1 75.5 113.3



#6

Chloroethane

Concen: 47.565 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX008077.D

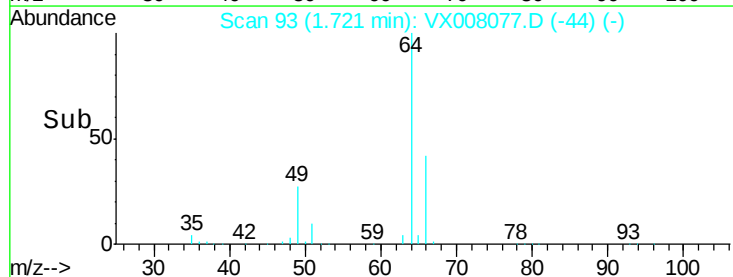
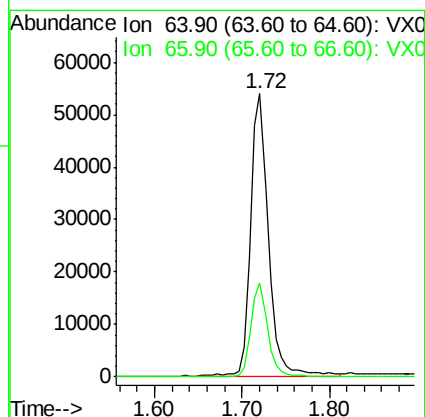
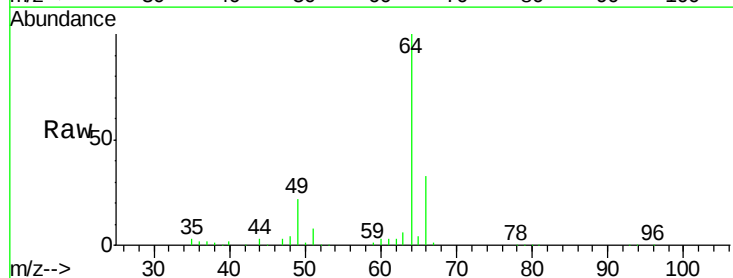
Acq: 14 Mar 2019 18:13

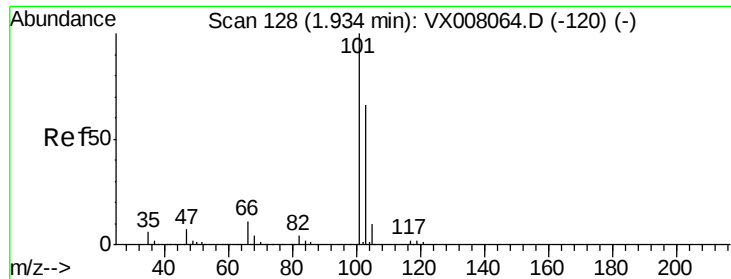
Tgt Ion: 64 Resp: 74854

Ion Ratio Lower Upper

64 100

66 33.3 25.2 37.8



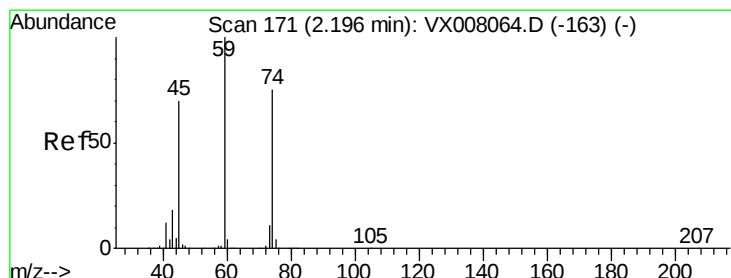
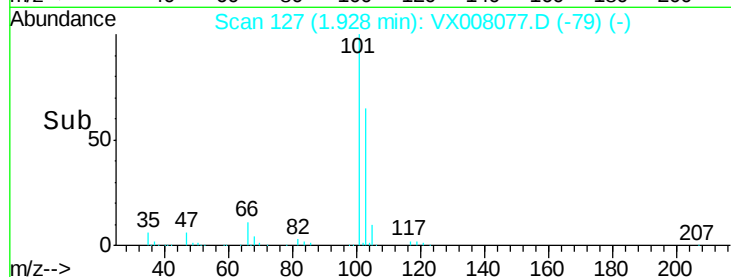
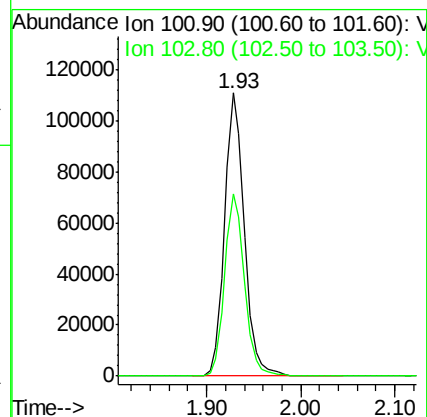
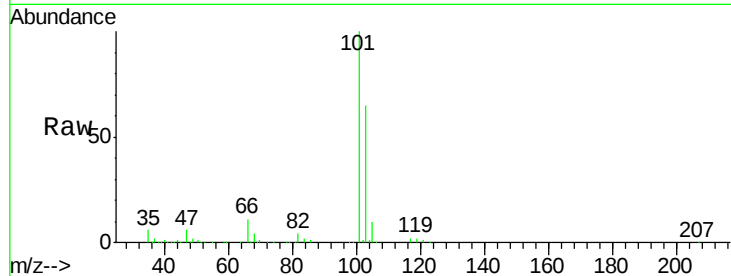


#7

Trichlorofluoromethane
Concen: 45.942 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.01 min
Lab File: VX008077.D
Acq: 14 Mar 2019 18:13

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ClientSampleId :
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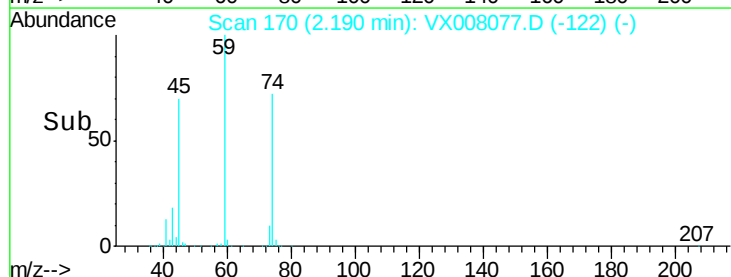
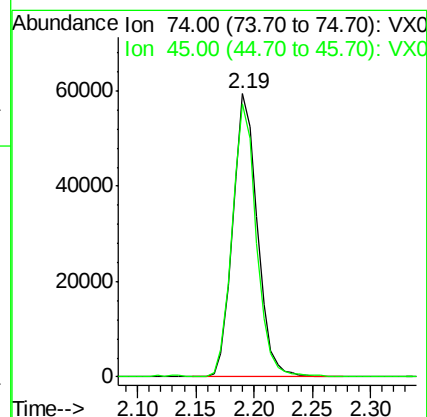
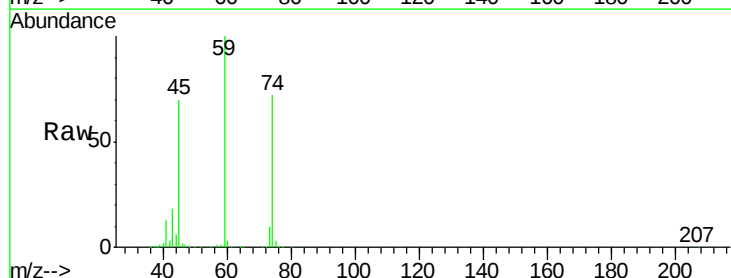
Tot Ion:101 Resp: 161080
Ion Ratio Lower Upper
101 100
103 64.6 50.4 75.6

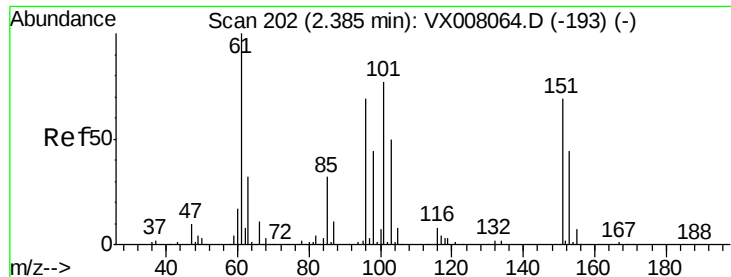


#8

Diethyl Ether
Concen: 50.102 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.01 min
Lab File: VX008077.D
Acq: 14 Mar 2019 18:13

Tgt Ion: 74 Resp: 87322
Ion Ratio Lower Upper
74 100
45 94.6 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.439 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX008077.D

Acq: 14 Mar 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

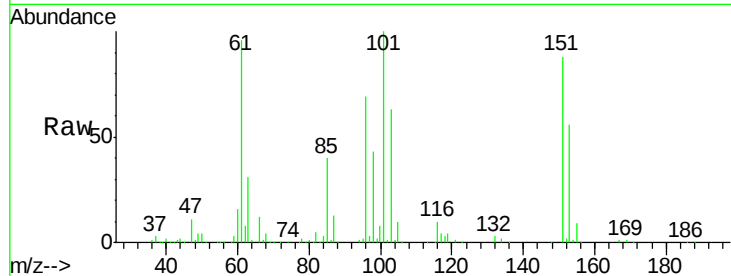
Tot Ion:101 Resp: 134792

Ion Ratio Lower Upper

101 100

85 40.6 33.8 50.6

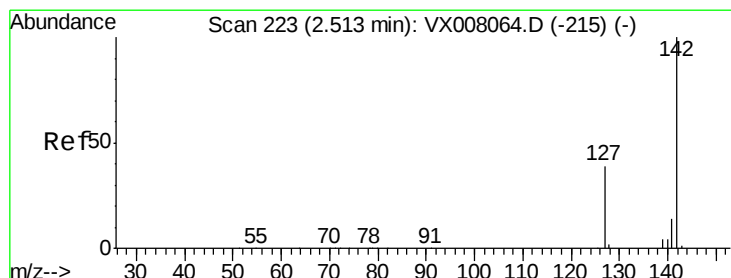
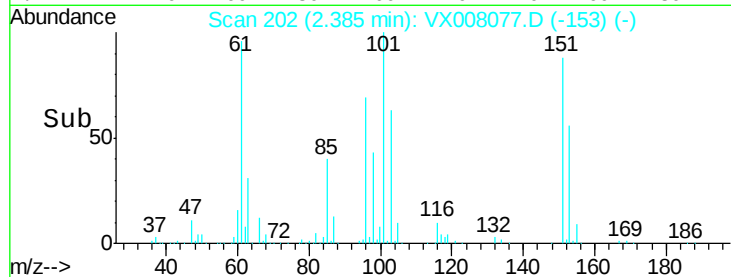
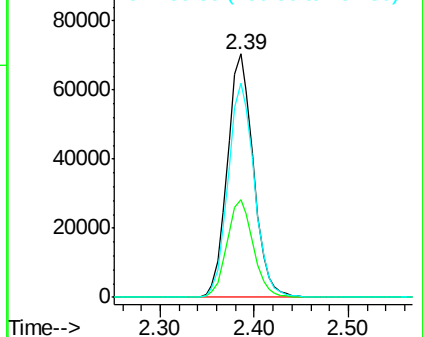
151 89.5 69.1 103.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 52.789 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX008077.D

Acq: 14 Mar 2019 18:13

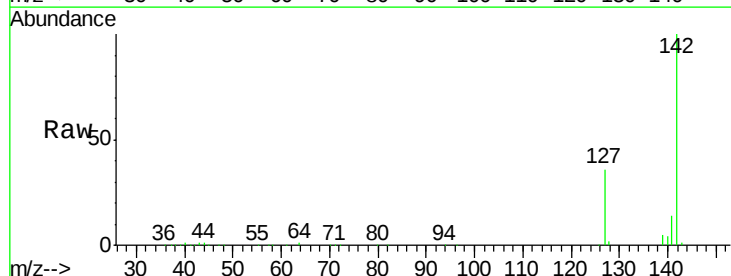
Tgt Ion:142 Resp: 193246

Ion Ratio Lower Upper

142 100

127 37.3 32.1 48.1

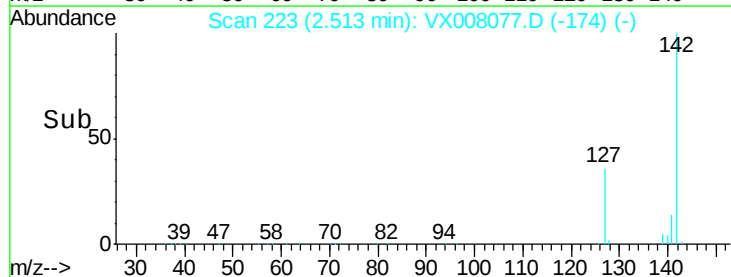
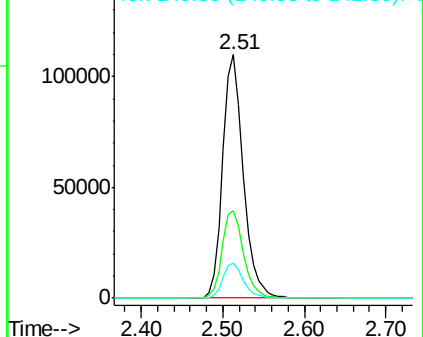
141 14.4 11.4 17.2

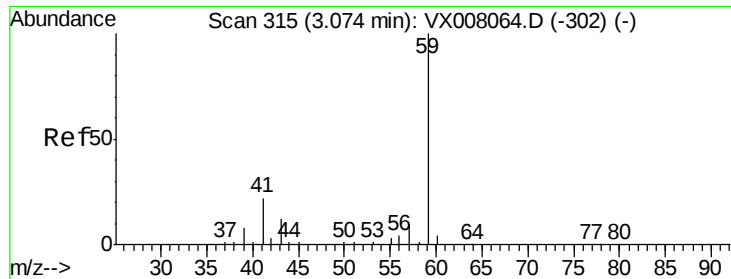


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

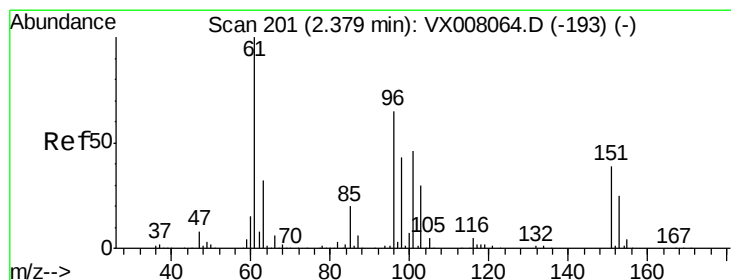
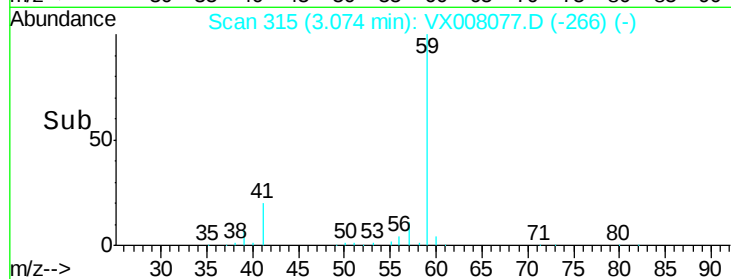
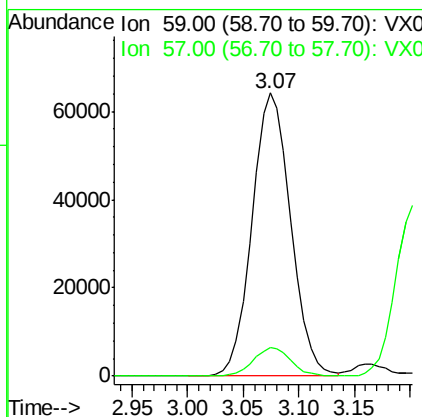
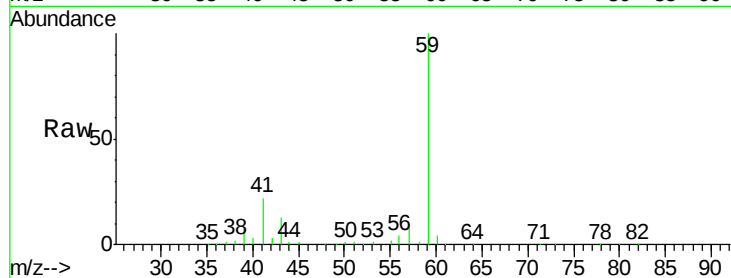




#11
Tert butyl alcohol
Concen: 244.994 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.00 min
Lab File: VX008077.D
Acq: 14 Mar 2019 18:13

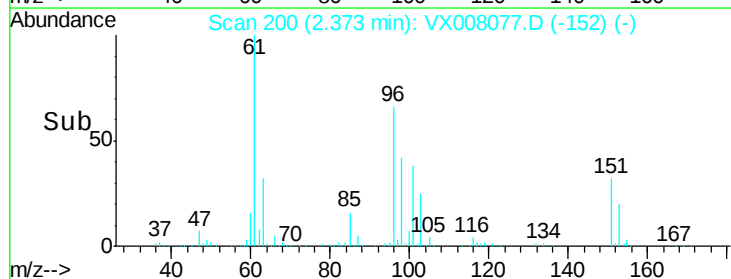
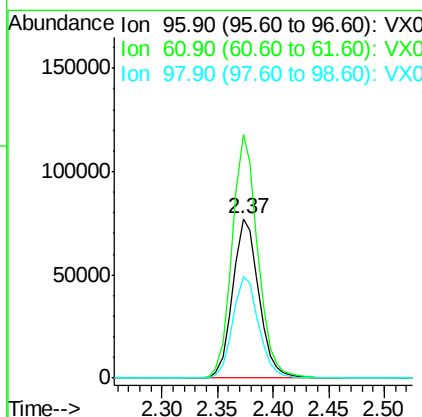
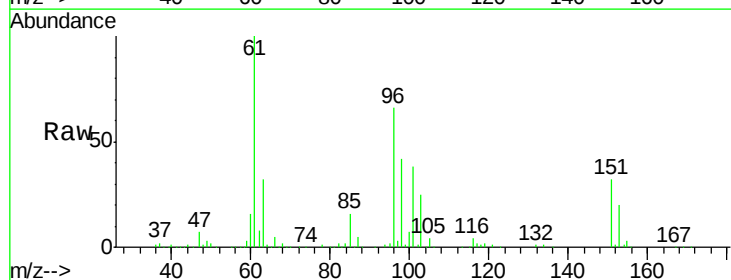
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

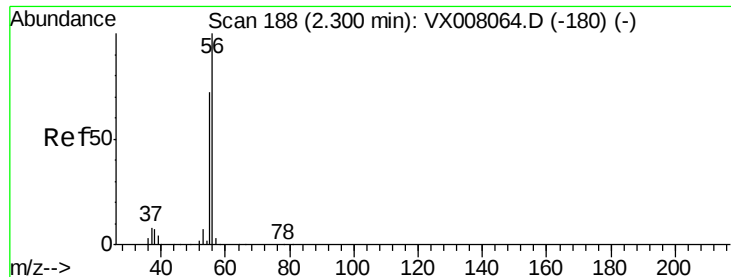
Tot Ion: 59 Resp: 155100
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.2



#12
1,1-Dichloroethene
Concen: 50.656 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.01 min
Lab File: VX008077.D
Acq: 14 Mar 2019 18:13

Tgt Ion: 96 Resp: 125462
Ion Ratio Lower Upper
96 100
61 152.4 129.8 194.6
98 63.4 51.0 76.6





#13

Acrolein

Concen: 211.377 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX008077.D

Acq: 14 Mar 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

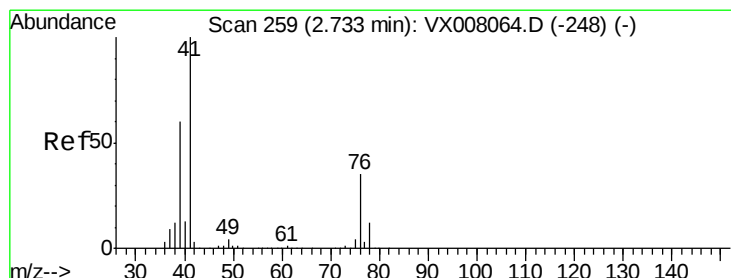
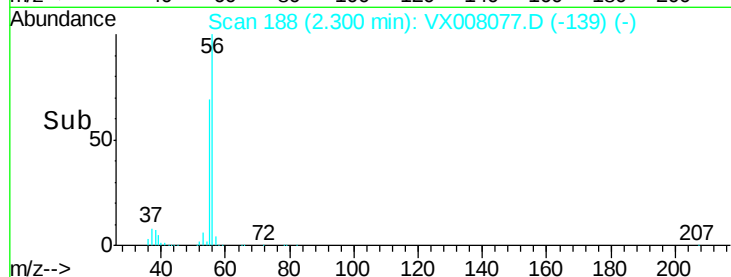
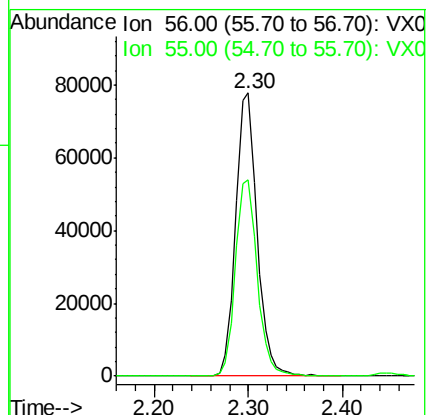
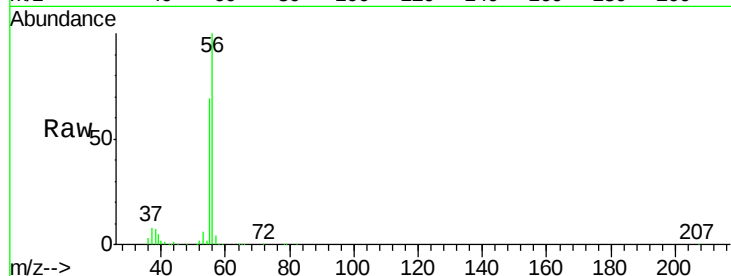
VSTDCCC050

Tot Ion: 56 Resp: 123264

Ion Ratio Lower Upper

56 100

55 71.1 57.8 86.6



#14

Allyl chloride

Concen: 49.402 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX008077.D

Acq: 14 Mar 2019 18:13

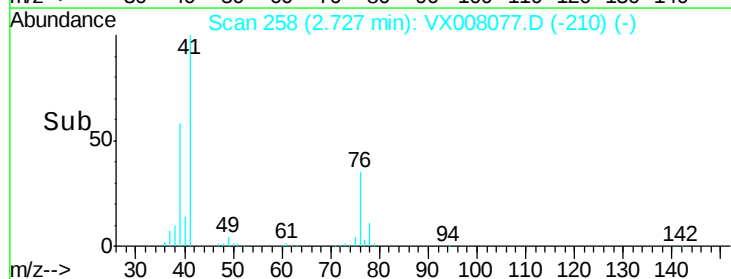
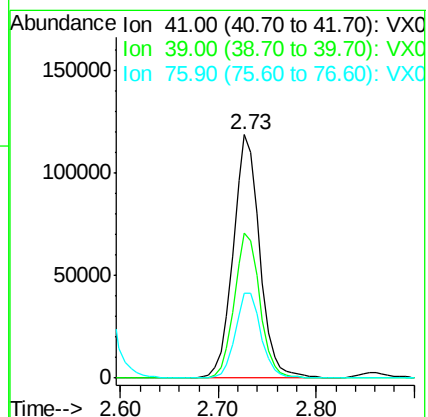
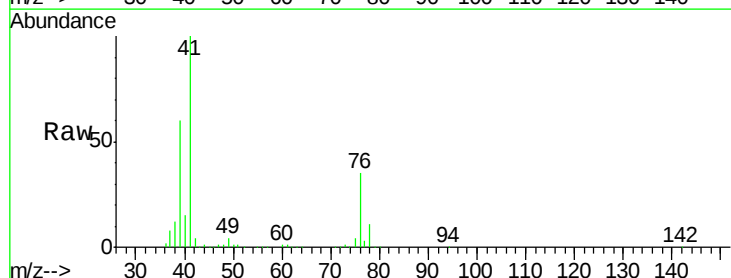
Tgt Ion: 41 Resp: 222864

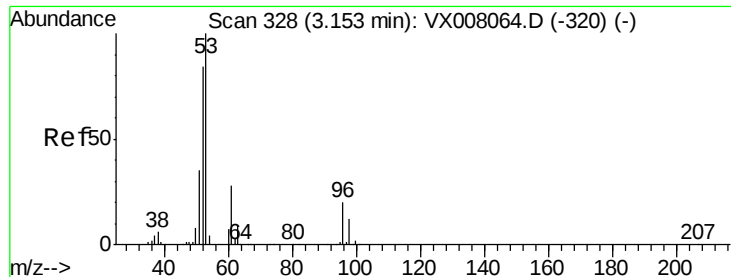
Ion Ratio Lower Upper

41 100

39 57.8 46.1 69.1

76 34.0 24.0 36.0





#15

Acrylonitrile

Concen: 245.106 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX008077.D

Acq: 14 Mar 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

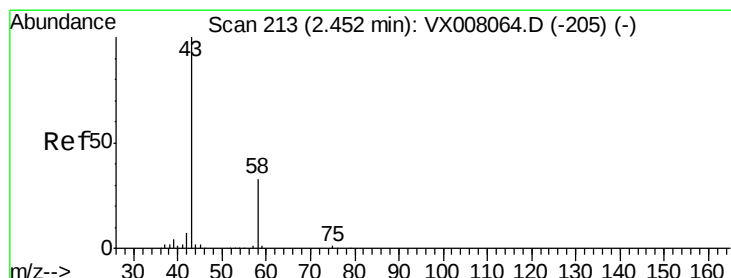
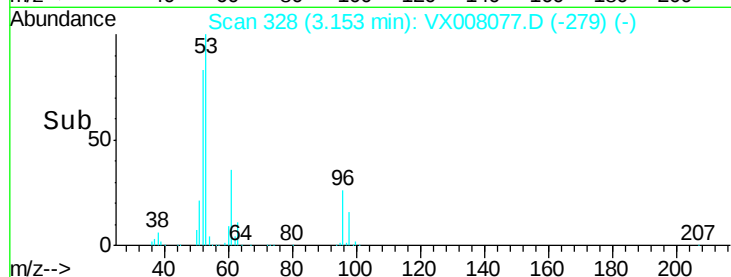
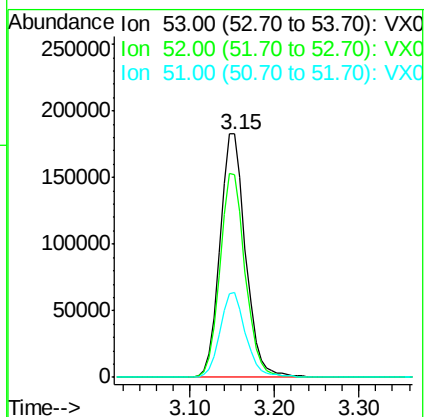
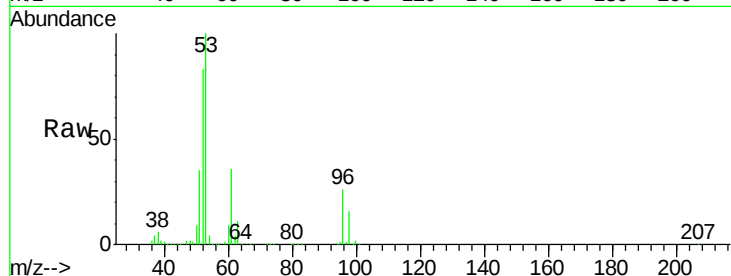
Tot Ion: 53 Resp: 378376

Ion Ratio Lower Upper

53 100

52 82.6 66.0 99.0

51 35.0 28.0 42.0



#16

Acetone

Concen: 237.930 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX008077.D

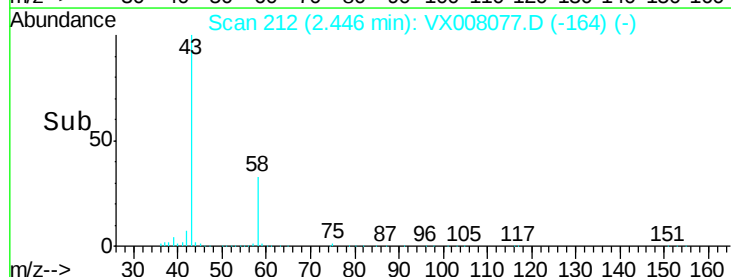
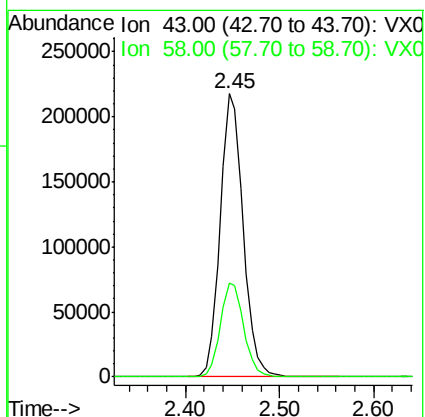
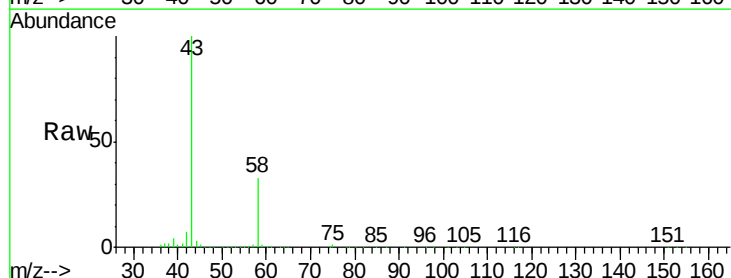
Acq: 14 Mar 2019 18:13

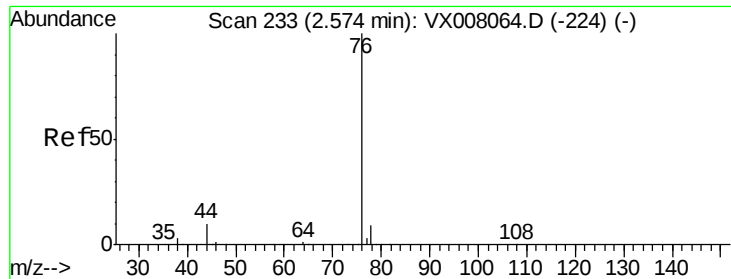
Tgt Ion: 43 Resp: 368075

Ion Ratio Lower Upper

43 100

58 33.2 25.5 38.3

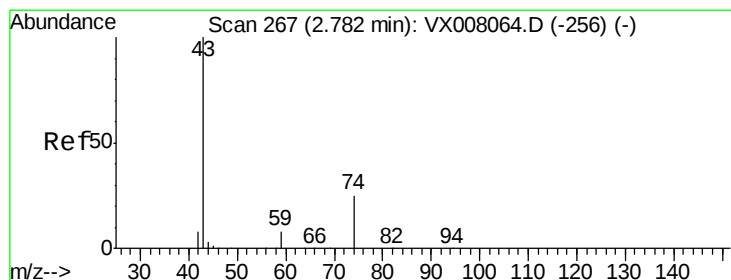
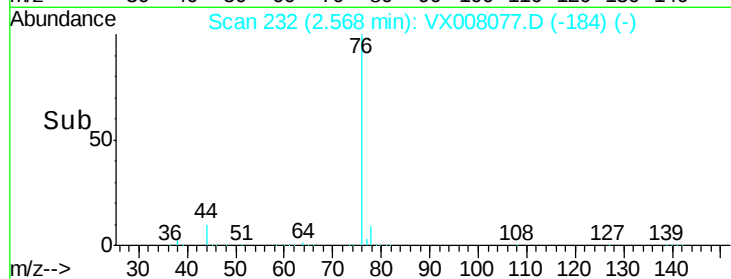
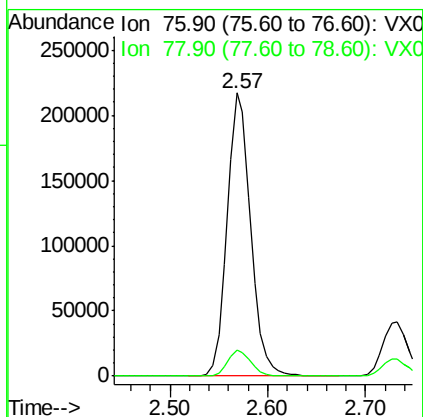
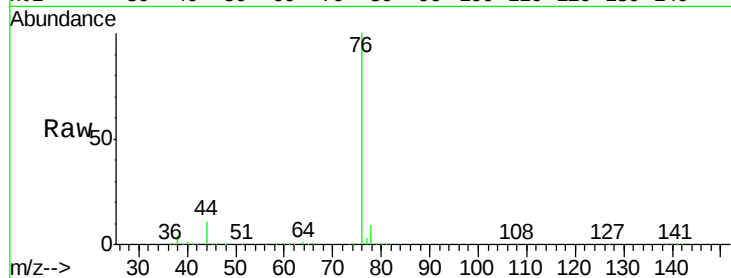




#17
Carbon Disulfide
Concen: 50.741 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.01 min
Lab File: VX008077.D
Acq: 14 Mar 2019 18:13

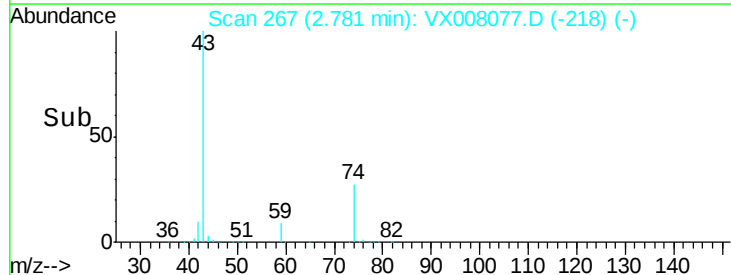
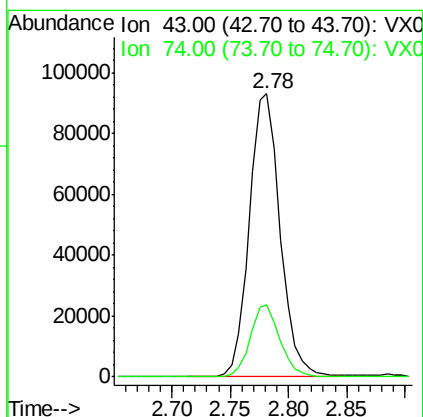
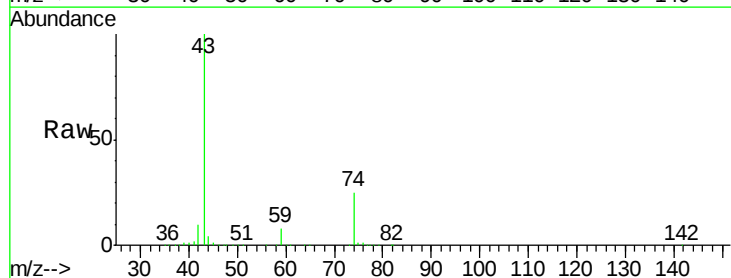
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

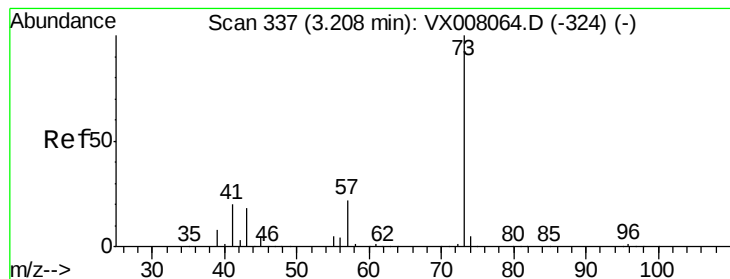
Tot Ion: 76 Resp: 360842
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 51.384 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX008077.D
Acq: 14 Mar 2019 18:13

Tgt Ion: 43 Resp: 171806
Ion Ratio Lower Upper
43 100
74 24.8 17.8 26.6



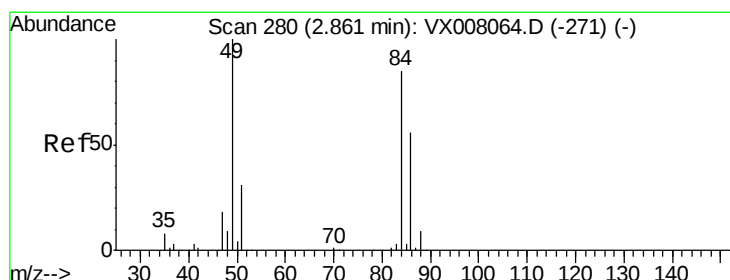
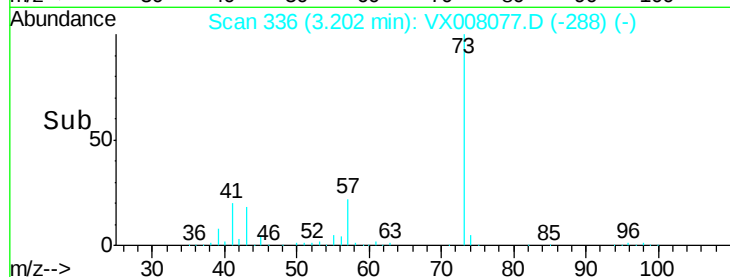
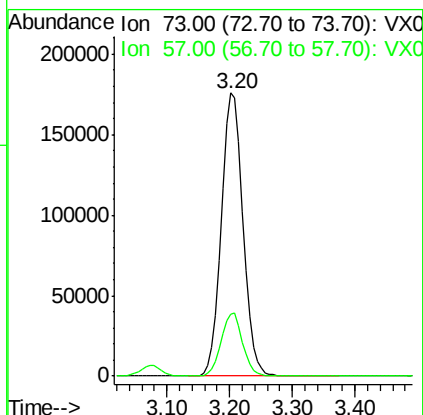
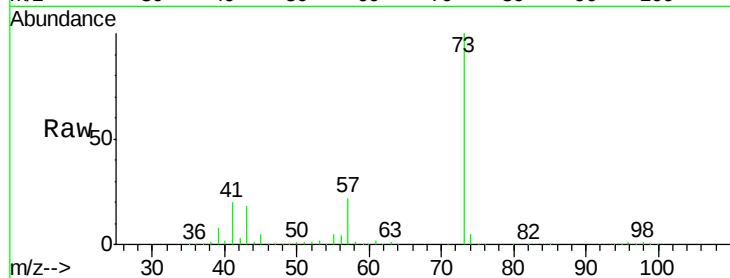


#19

Methyl tert-butyl Ether
 Concen: 50.207 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.01 min
 Lab File: VX008077.D
 Acq: 14 Mar 2019 18:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

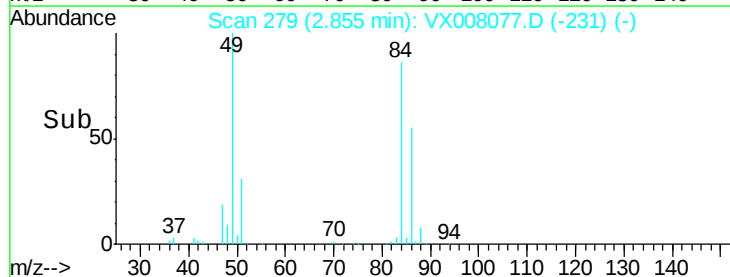
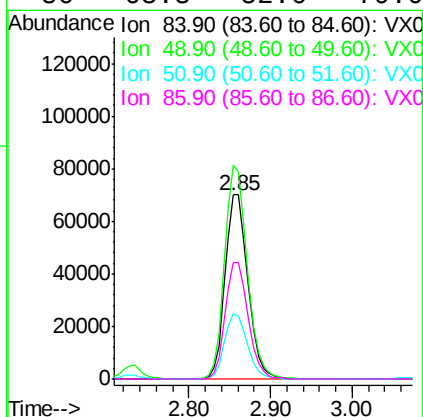
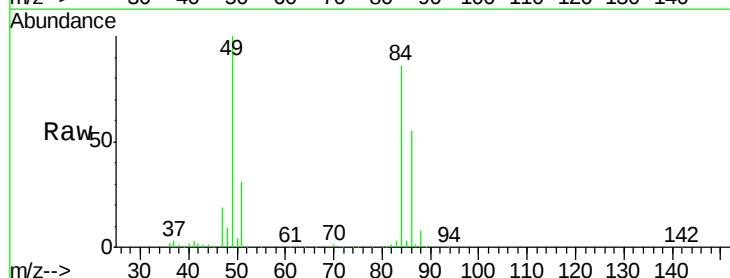
Tot Ion: 73 Resp: 420429
 Ion Ratio Lower Upper
 73 100
 57 22.0 18.2 27.4

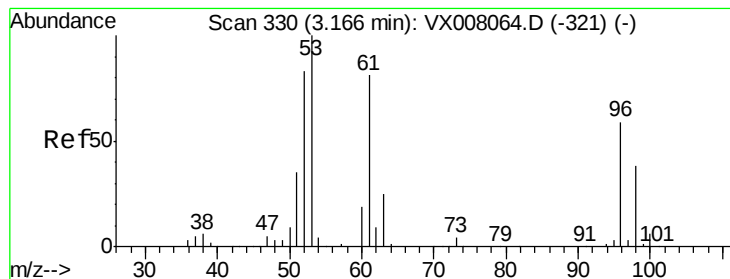


#20

Methylene Chloride
 Concen: 48.614 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: VX008077.D
 Acq: 14 Mar 2019 18:13

Tgt Ion: 84 Resp: 134318
 Ion Ratio Lower Upper
 84 100
 49 116.0 99.3 148.9
 51 35.5 31.3 46.9
 86 63.3 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 49.581 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008077.D

Acq: 14 Mar 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

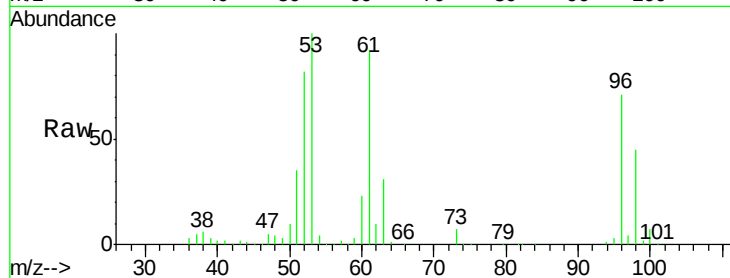
Tot Ion: 96 Resp: 132310

Ion Ratio Lower Upper

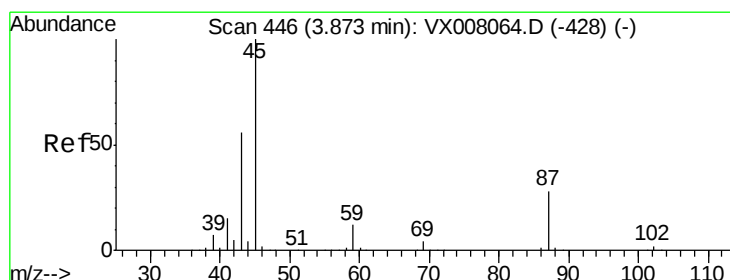
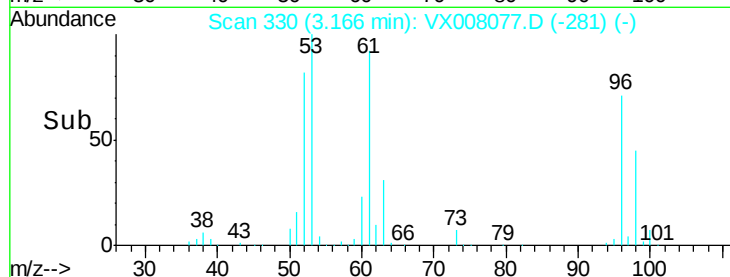
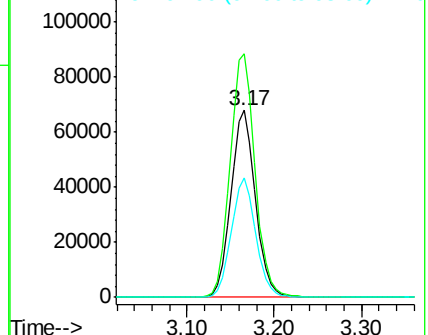
96 100

61 130.4 114.4 171.6

98 64.0 51.1 76.7



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



#22

Diisopropyl ether

Concen: 48.817 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX008077.D

Acq: 14 Mar 2019 18:13

Tgt Ion: 45 Resp: 437652

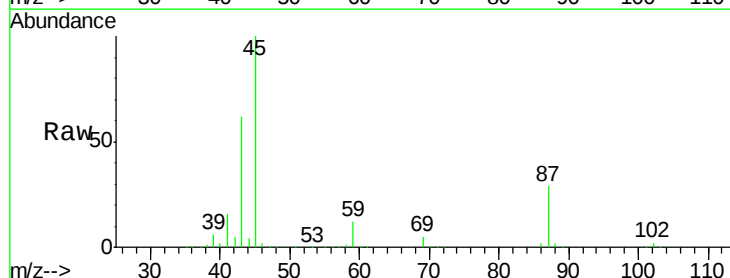
Ion Ratio Lower Upper

45 100

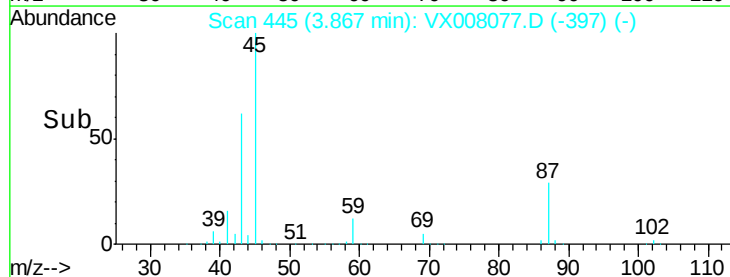
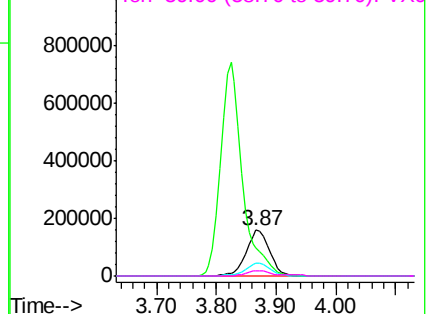
43 61.5 45.3 67.9

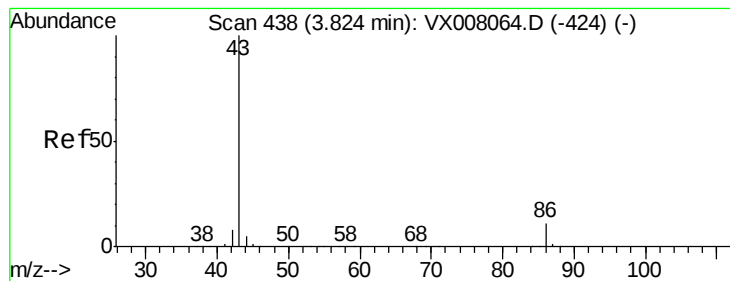
87 29.1 21.4 32.0

59 11.8 9.5 14.3



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





#23

Vinyl Acetate

Concen: 249.112 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX008077.D

Acq: 14 Mar 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

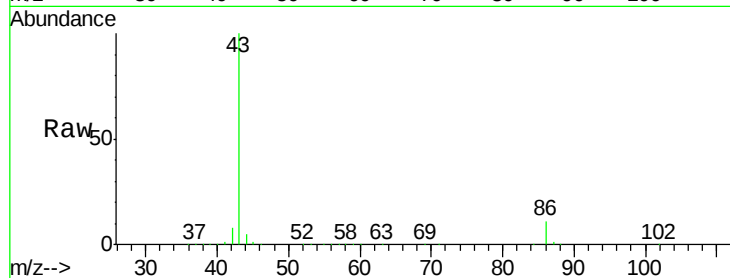
VSTDCCC050

Tot Ion: 43 Resp: 1899380

Ion Ratio Lower Upper

43 100

86 10.8 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

800000

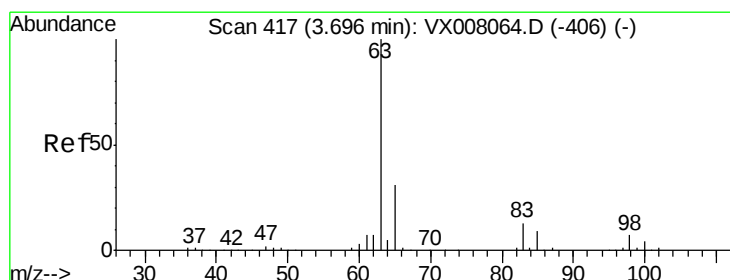
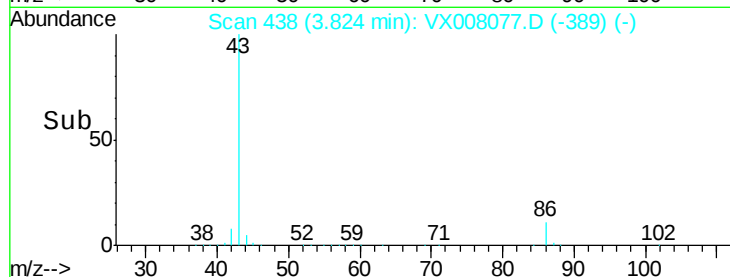
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 49.424 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008077.D

Acq: 14 Mar 2019 18:13

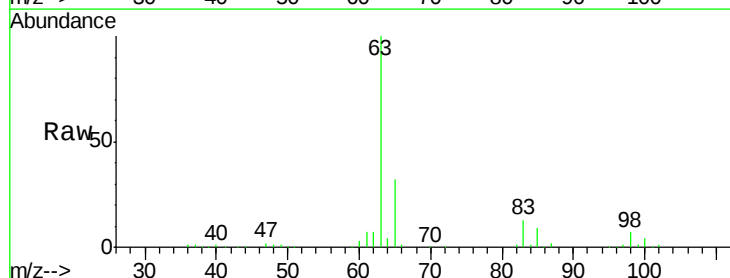
Tgt Ion: 63 Resp: 242891

Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.8

100 4.4 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

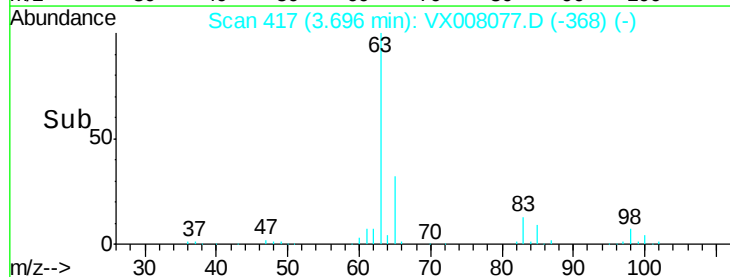
3.70

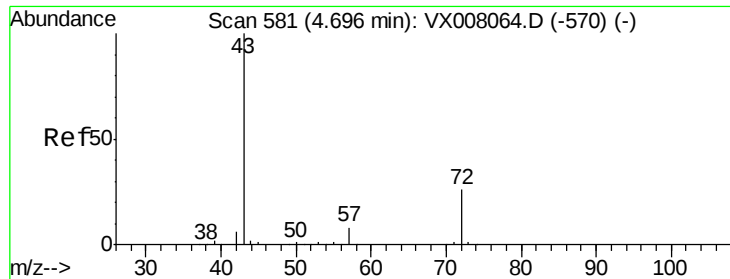
100000

50000

0

Time-->





#25

2-Butanone

Concen: 236.134 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX008077.D

Acq: 14 Mar 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

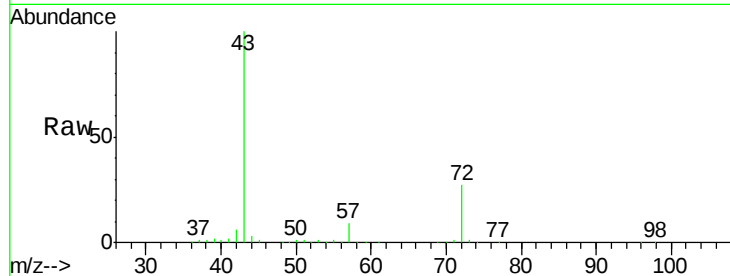
VSTDCCC050

Tot Ion: 43 Resp: 560711

Ion Ratio Lower Upper

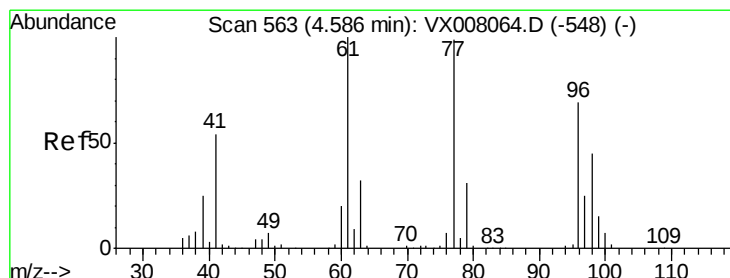
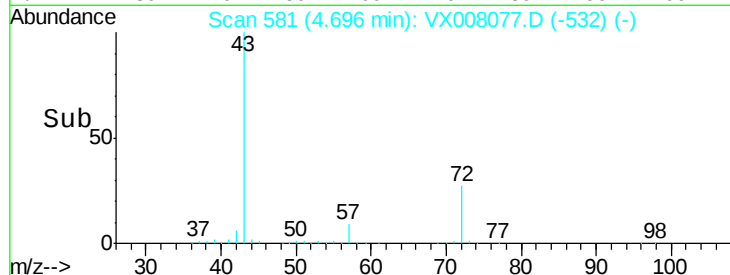
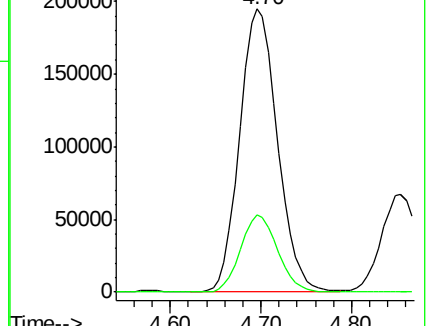
43 100

72 27.2 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 47.996 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008077.D

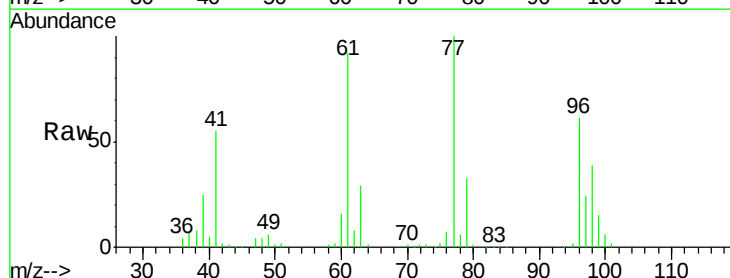
Acq: 14 Mar 2019 18:13

Tgt Ion: 77 Resp: 180199

Ion Ratio Lower Upper

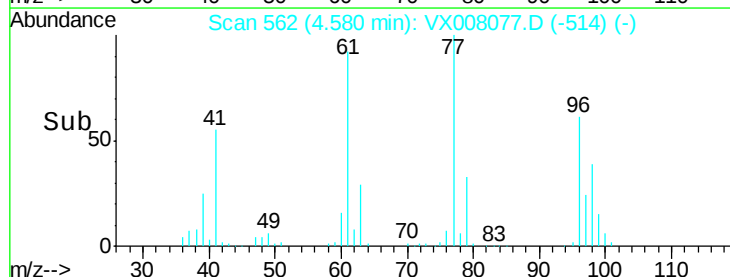
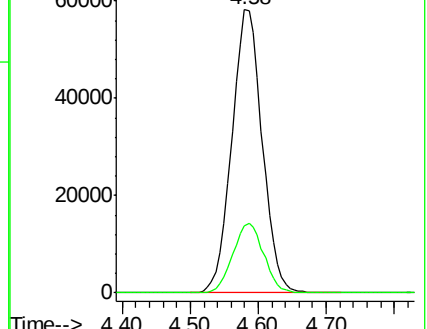
77 100

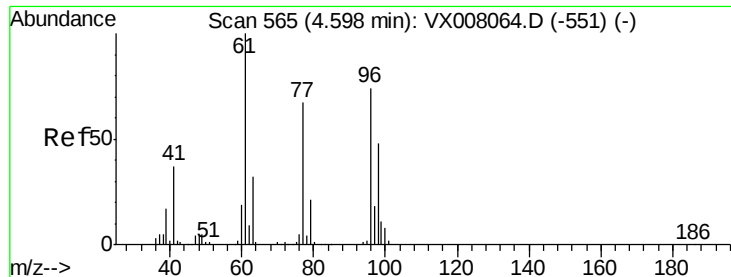
97 25.1 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



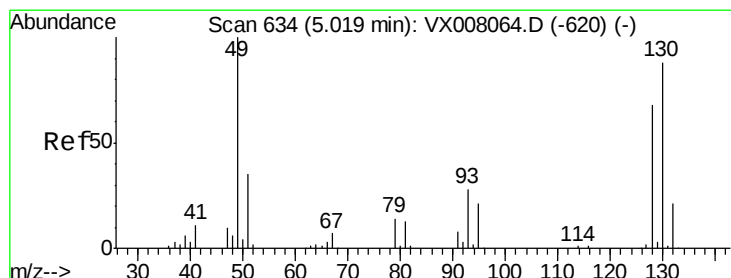
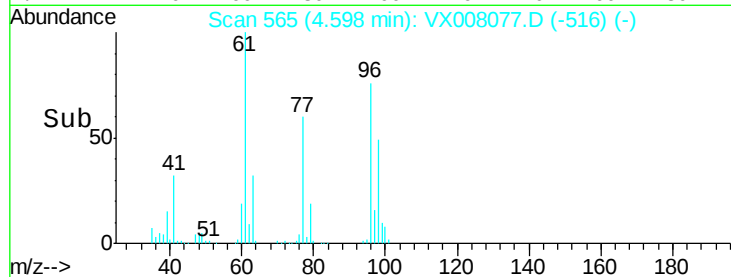
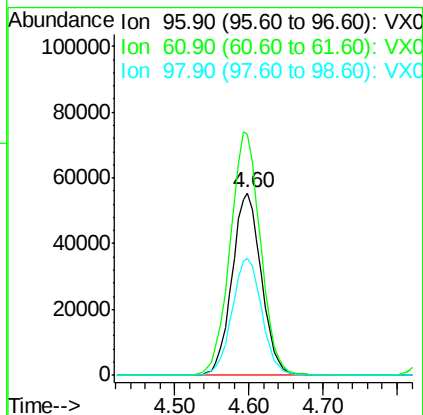
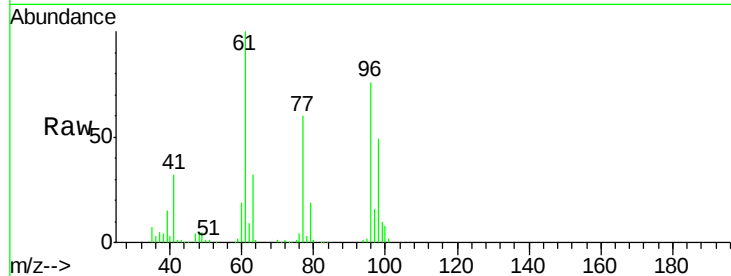


#27

cis-1,2-Dichloroethene
Concen: 48.229 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008077.D
Acq: 14 Mar 2019 18:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

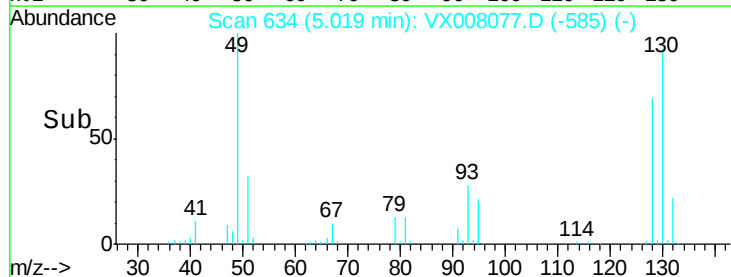
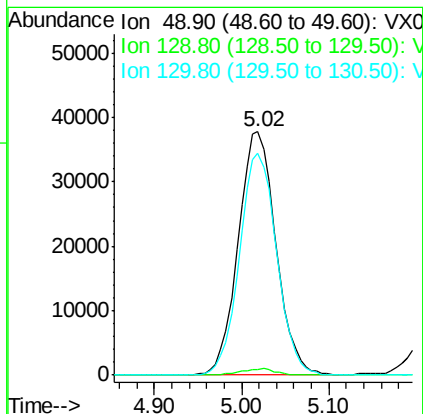
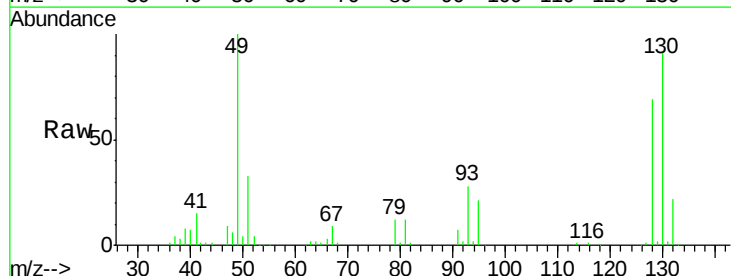
Tot Ion: 96 Resp: 152987
Ion Ratio Lower Upper
96 100
61 138.2 0.0 288.0
98 65.2 0.0 129.0

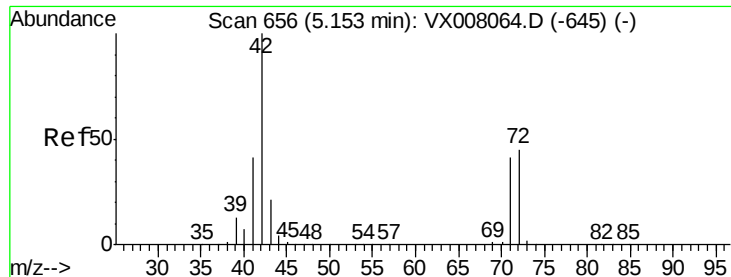


#28

Bromochloromethane
Concen: 48.781 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX008077.D
Acq: 14 Mar 2019 18:13

Tgt Ion: 49 Resp: 113225
Ion Ratio Lower Upper
49 100
129 2.4 0.0 4.0
130 90.0 65.0 97.4





#29

Tetrahydrofuran

Concen: 237.678 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX008077.D

Acq: 14 Mar 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

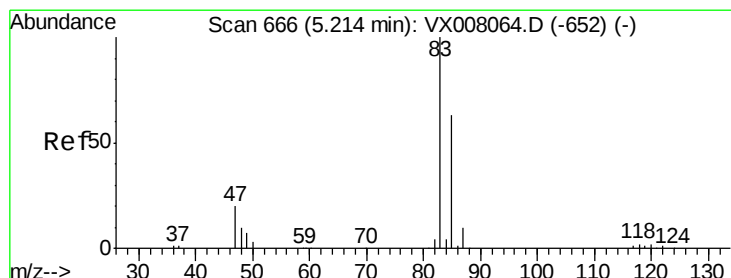
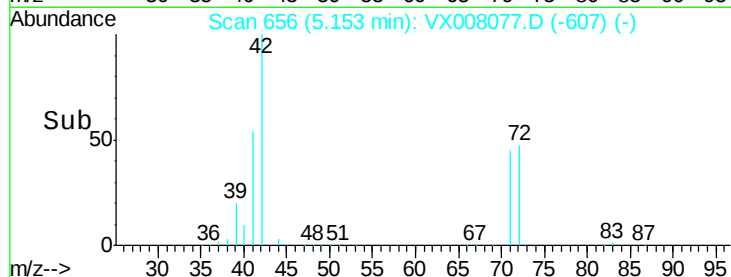
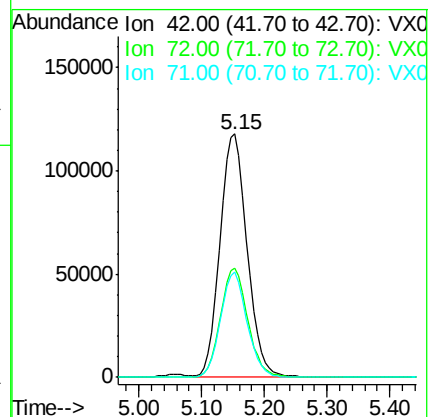
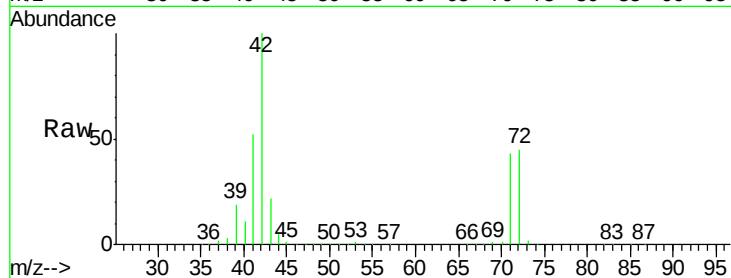
Tot Ion: 42 Resp: 352315

Ion Ratio Lower Upper

42 100

72 45.3 33.8 50.6

71 42.5 31.5 47.3



#30

Chloroform

Concen: 46.966 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX008077.D

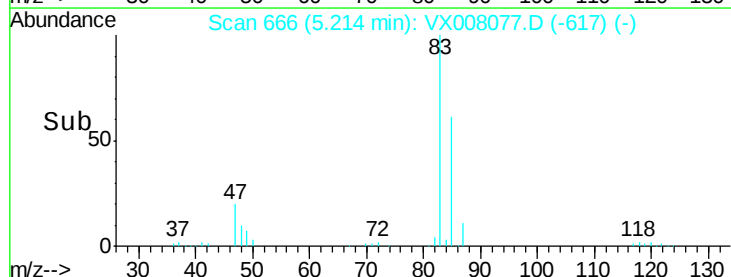
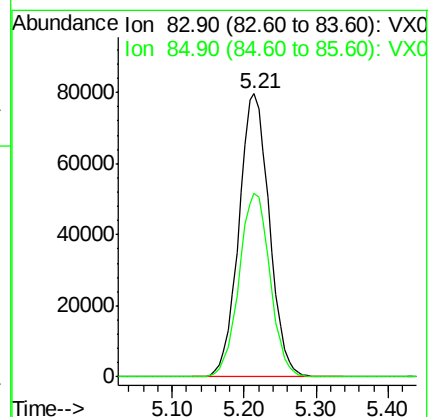
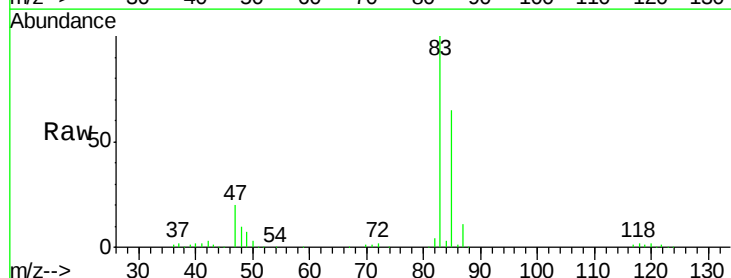
Acq: 14 Mar 2019 18:13

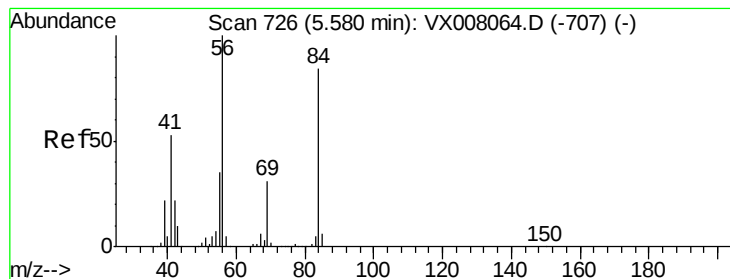
Tgt Ion: 83 Resp: 233794

Ion Ratio Lower Upper

83 100

85 64.9 51.8 77.6





#31

Cyclohexane

Concen: 49.754 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX008077.D

Acq: 14 Mar 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

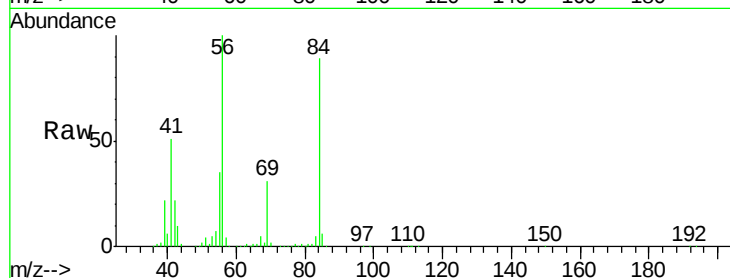
Tot Ion: 56 Resp: 233110

Ion Ratio Lower Upper

56 100

69 31.0 24.0 36.0

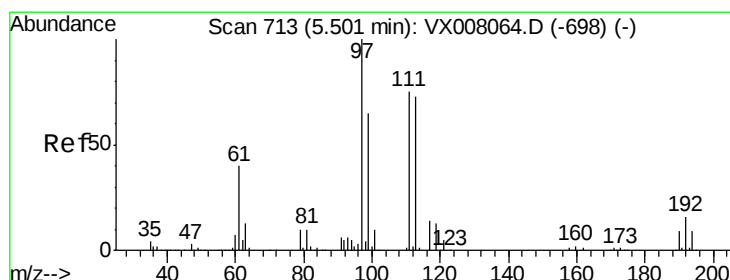
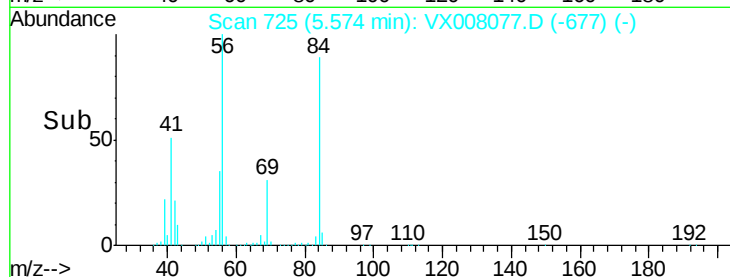
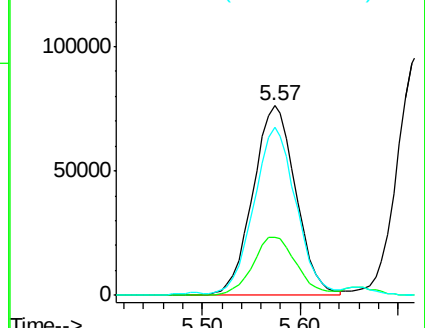
84 87.2 65.3 97.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 47.736 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX008077.D

Acq: 14 Mar 2019 18:13

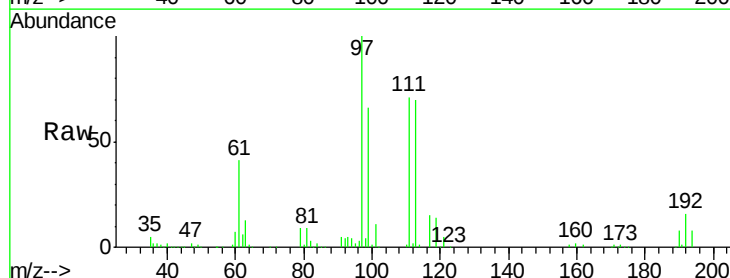
Tgt Ion: 97 Resp: 200162

Ion Ratio Lower Upper

97 100

99 64.6 52.2 78.2

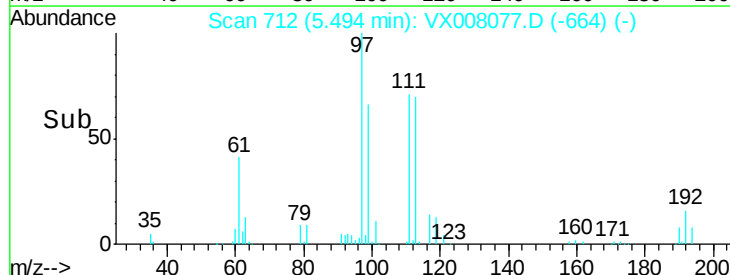
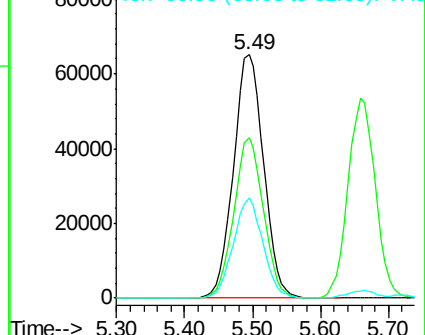
61 40.3 34.9 52.3

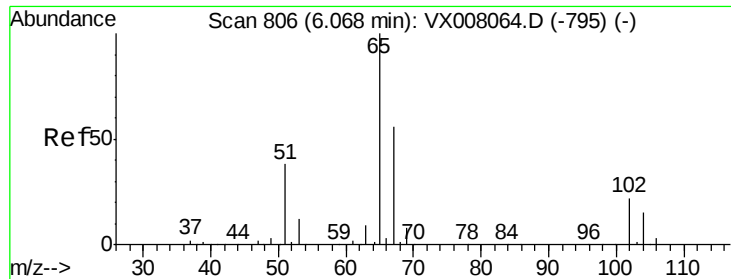


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

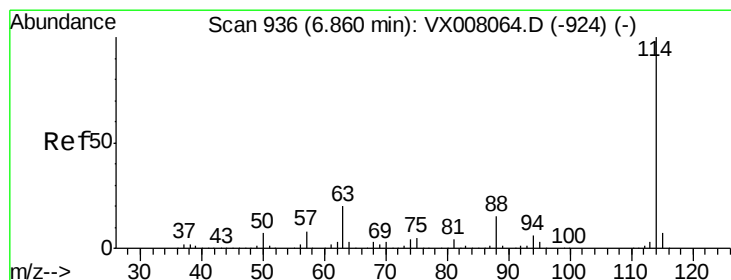
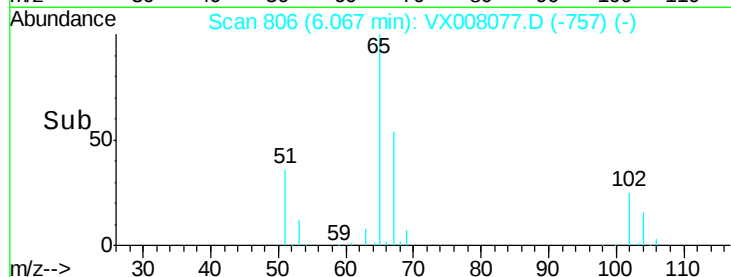
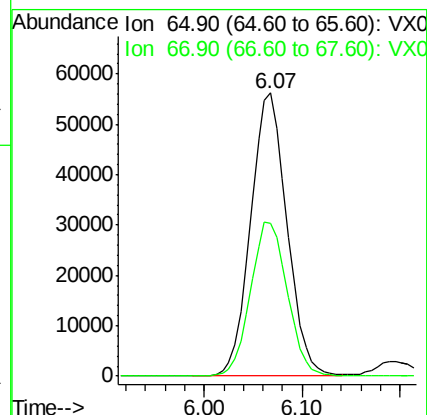
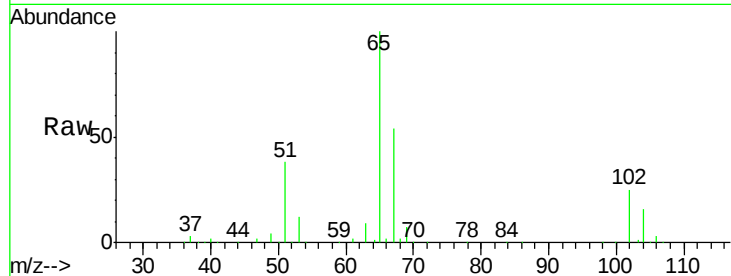




#33
 1,2-Dichloroethane-d4
 Concen: 44.120 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX008077.D
 Acq: 14 Mar 2019 18:13

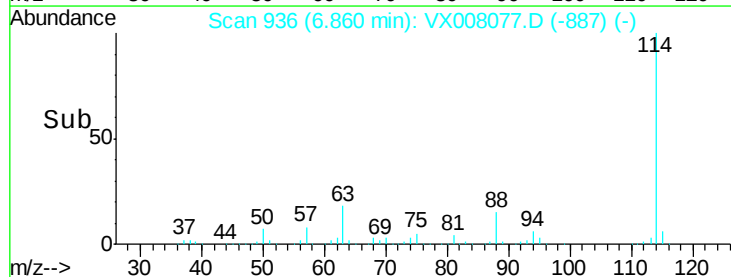
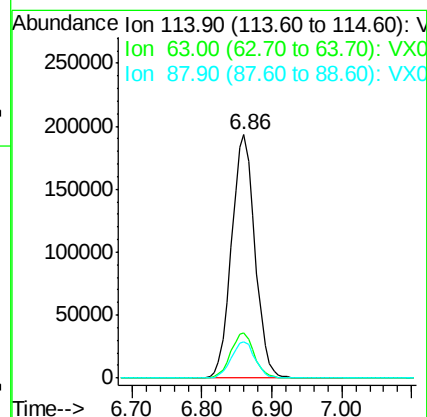
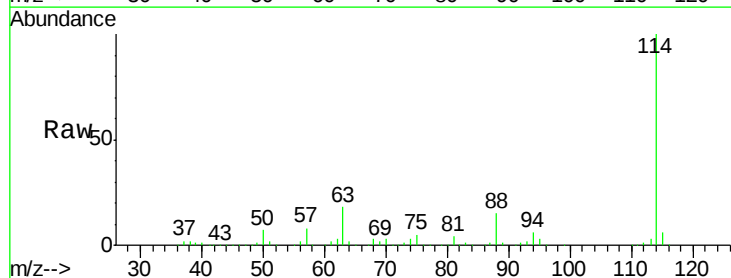
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

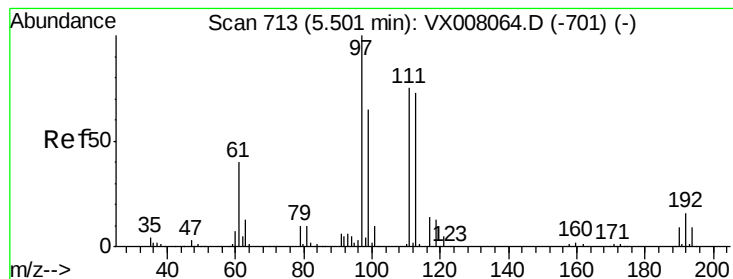
Tot Ion: 65 Resp: 144572
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008077.D
 Acq: 14 Mar 2019 18:13

Tgt Ion: 114 Resp: 449772
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 39.8
 88 15.1 0.0 31.4





#35

Dibromofluoromethane

Concen: 47.463 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008077.D

Acq: 14 Mar 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

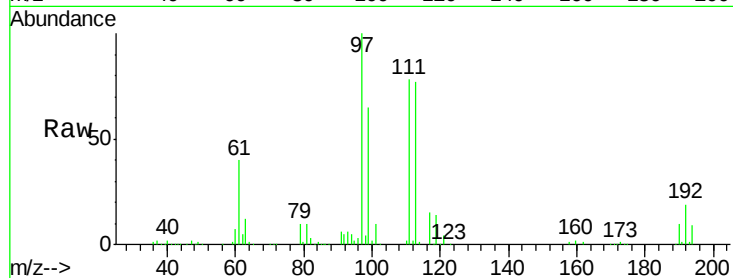
Tot Ion:113 Resp: 135375

Ion Ratio Lower Upper

113 100

111 101.9 81.4 122.0

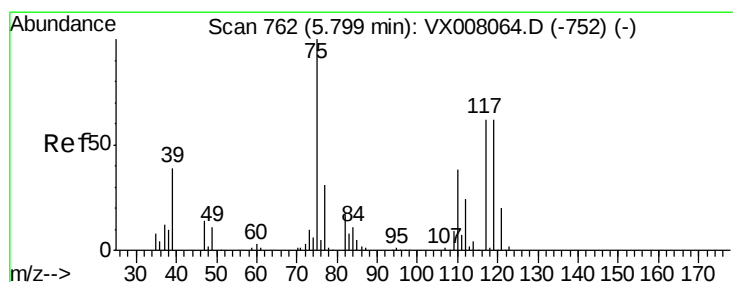
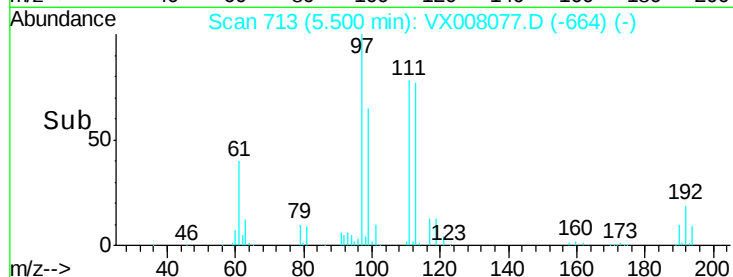
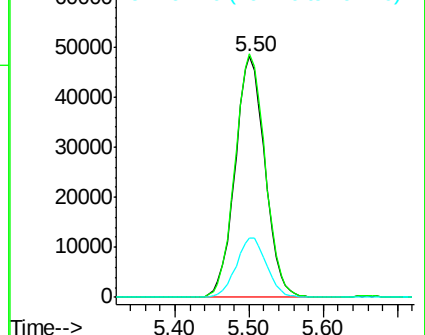
192 25.0 19.4 29.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.627 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX008077.D

Acq: 14 Mar 2019 18:13

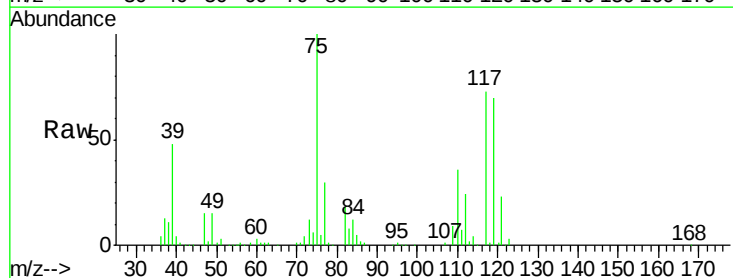
Tgt Ion: 75 Resp: 183627

Ion Ratio Lower Upper

75 100

110 38.4 18.4 55.0

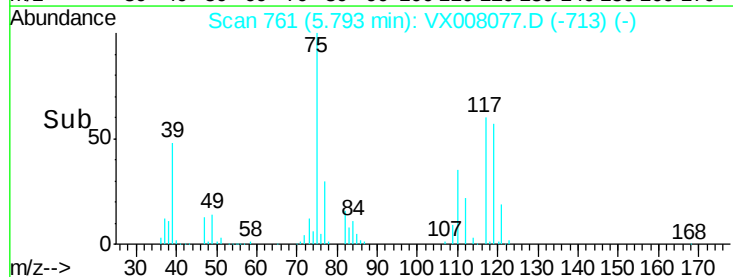
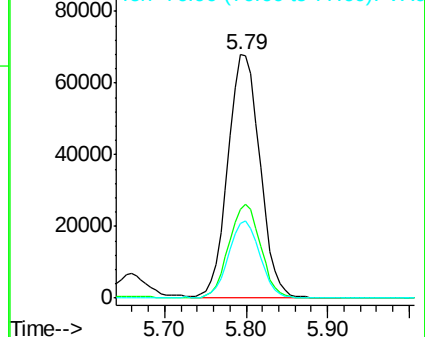
77 31.3 25.0 37.4

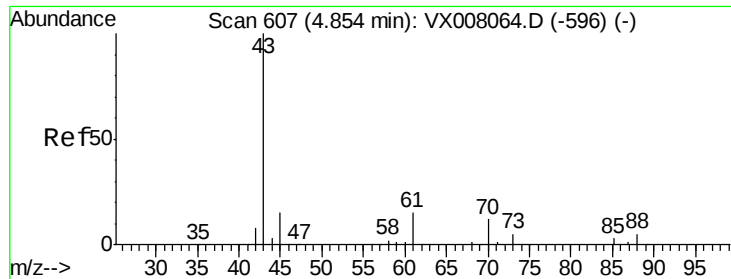


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

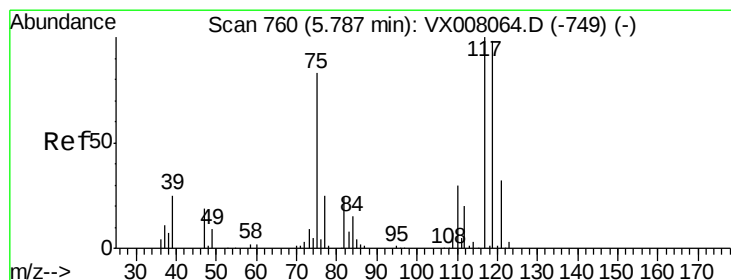
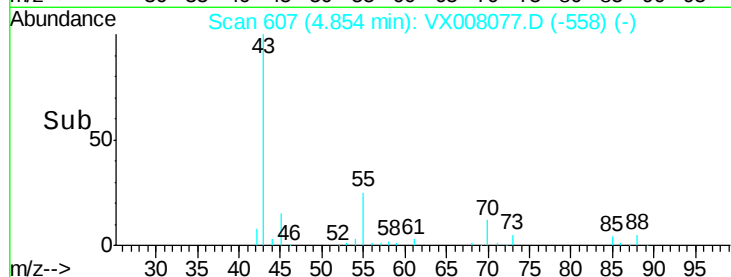
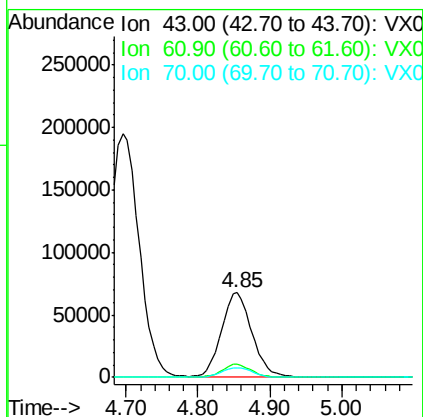
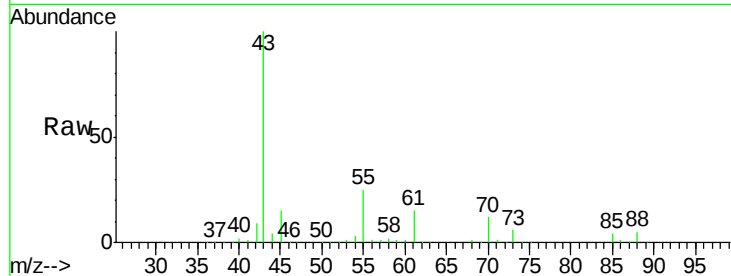




#37
Ethyl Acetate
Concen: 49.735 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX008077.D
Acq: 14 Mar 2019 18:13

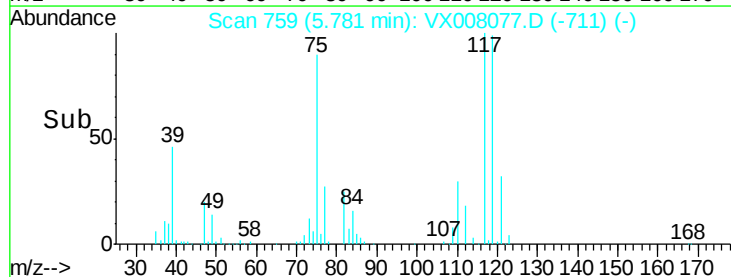
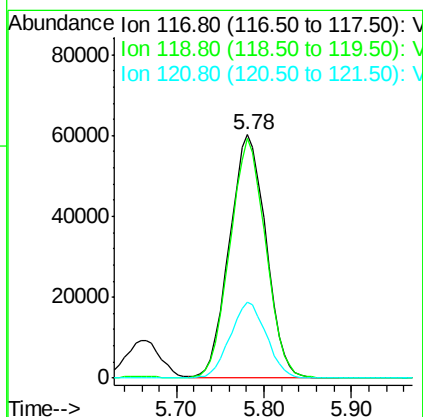
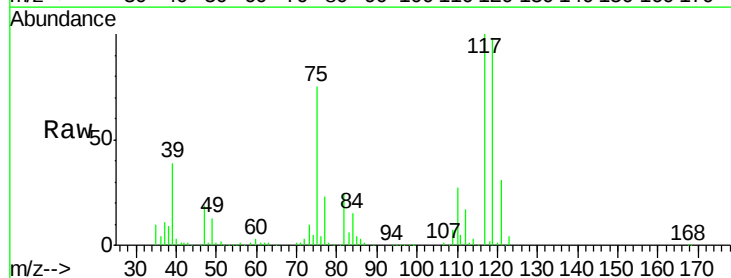
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

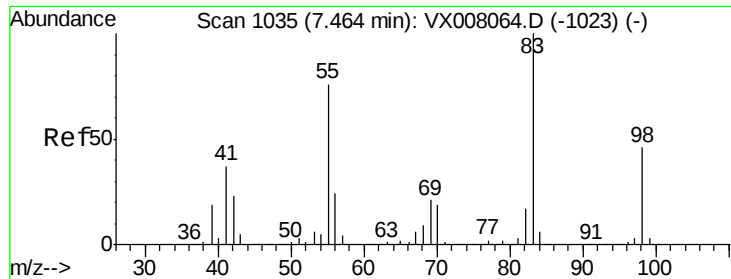
Tot Ion: 43 Resp: 197785
Ion Ratio Lower Upper
43 100
61 15.1 11.3 16.9
70 12.0 8.5 12.7



#38
Carbon Tetrachloride
Concen: 49.121 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008077.D
Acq: 14 Mar 2019 18:13

Tgt Ion: 117 Resp: 174948
Ion Ratio Lower Upper
117 100
119 98.3 76.2 114.2
121 31.3 24.6 36.8

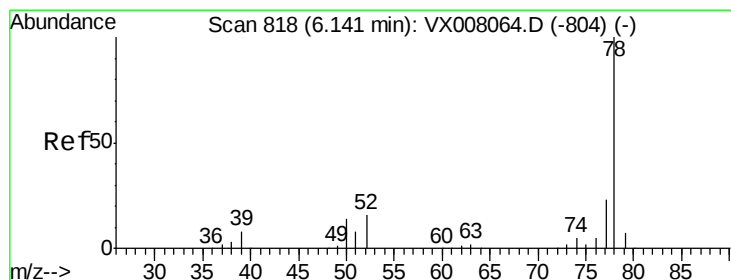
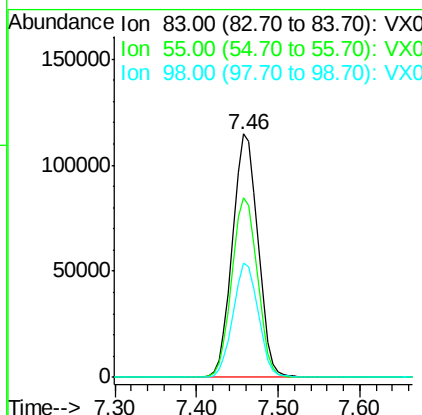
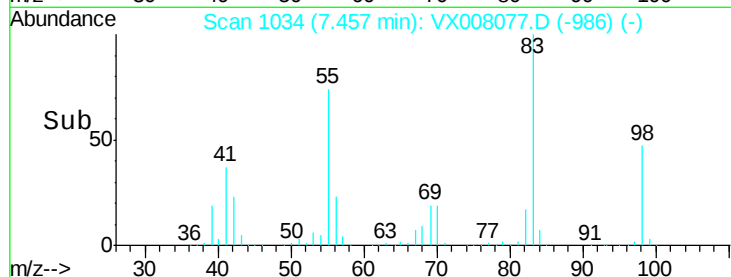
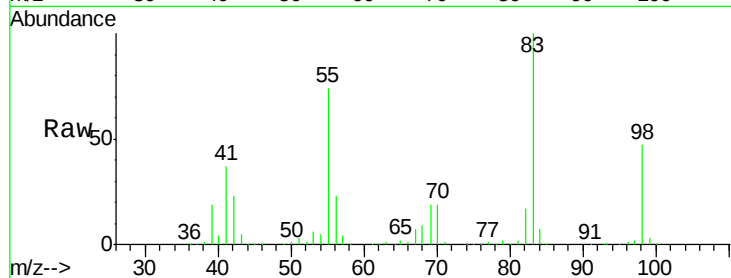




#39
Methvlcvclohexane
Concen: 52.239 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX008077.D
Acq: 14 Mar 2019 18:13

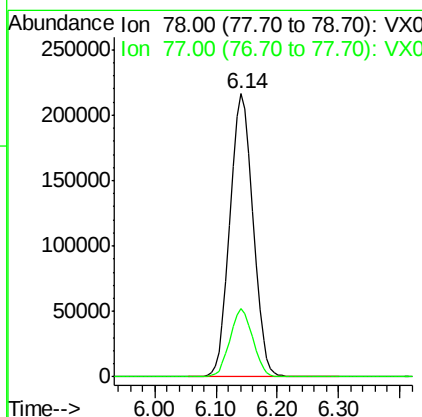
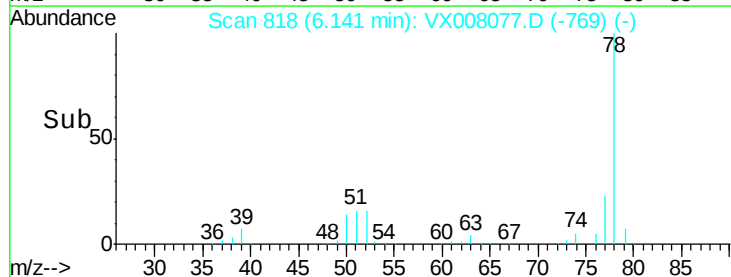
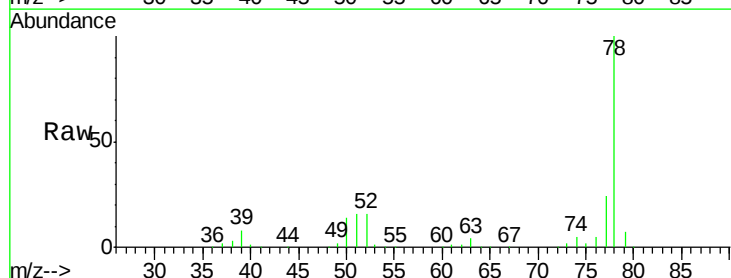
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

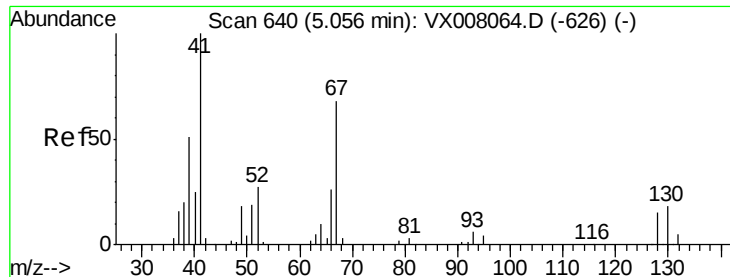
Tot Ion: 83 Resp: 247068
Ion Ratio Lower Upper
83 100
55 73.6 60.4 90.6
98 46.8 36.5 54.7



#40
Benzene
Concen: 49.525 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008077.D
Acq: 14 Mar 2019 18:13

Tgt Ion: 78 Resp: 561387
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.4

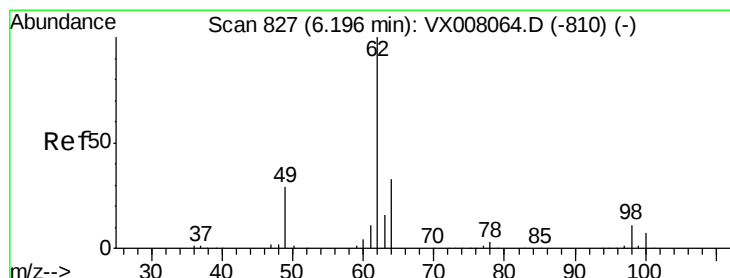
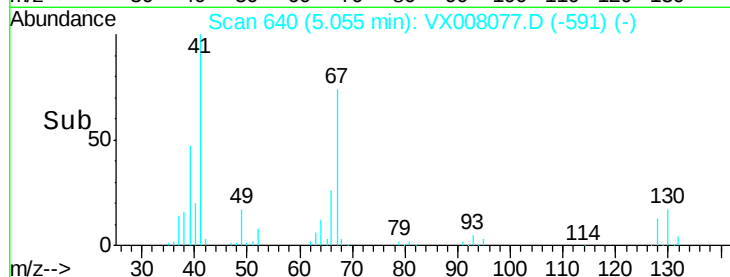
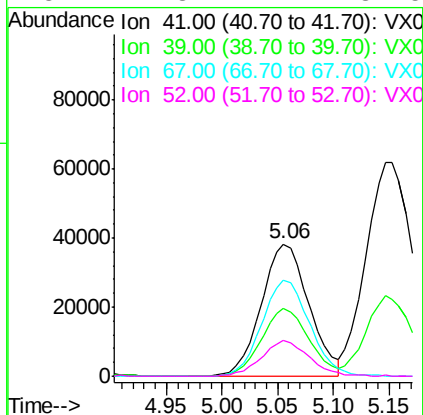
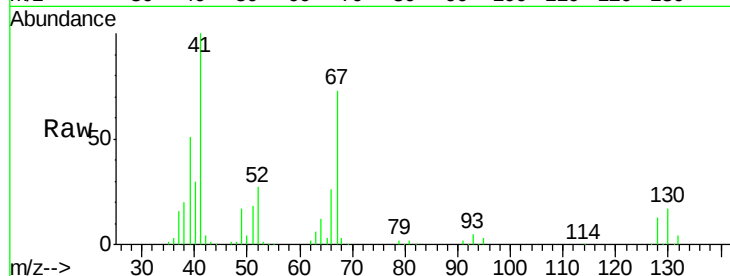




#41
Methacrylonitrile
Concen: 49.172 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.00 min
Lab File: VX008077.D
Acq: 14 Mar 2019 18:13

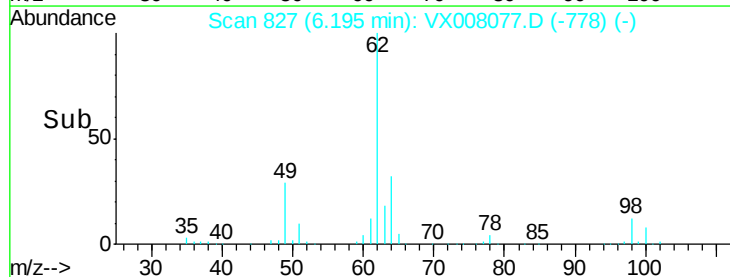
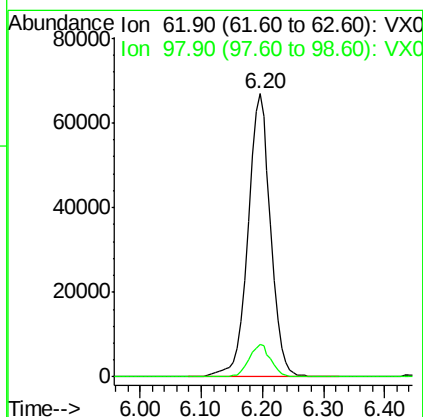
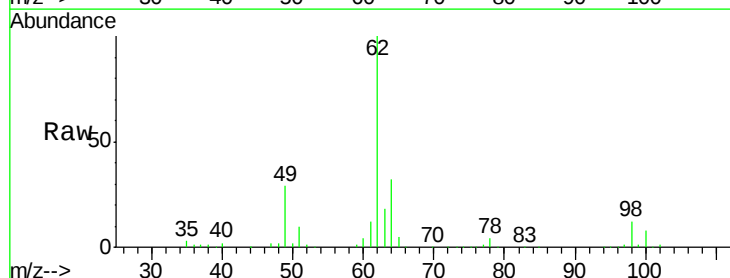
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

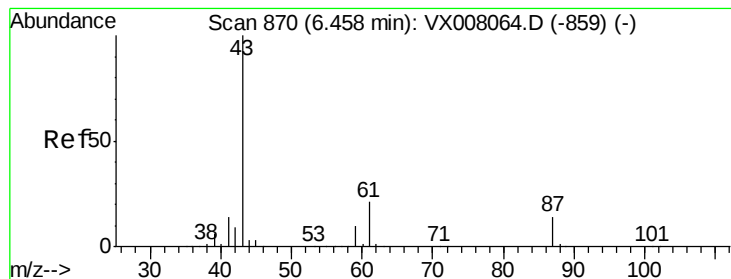
Tot Ion:	41	Resp:	113853
Ion	Ratio	Lower	Upper
41	100		
39	51.3	41.6	62.4
67	73.2	55.8	83.6
52	27.3	21.7	32.5



#42
1,2-Dichloroethane
Concen: 47.710 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX008077.D
Acq: 14 Mar 2019 18:13

Tgt Ion:	62	Resp:	173005
Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	20.4





#43

Isopropyl Acetate

Concen: 49.085 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX008077.D

Acq: 14 Mar 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

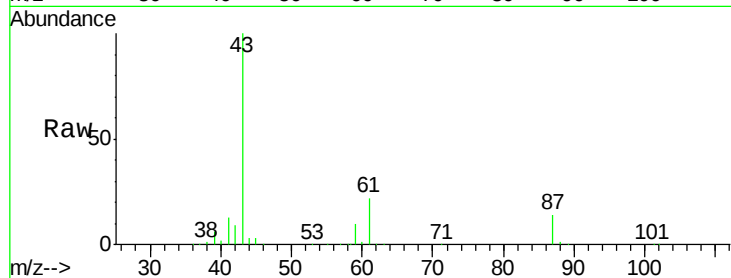
Tot Ion: 43 Resp: 314362

Ion Ratio Lower Upper

43 100

61 21.8 16.3 24.5

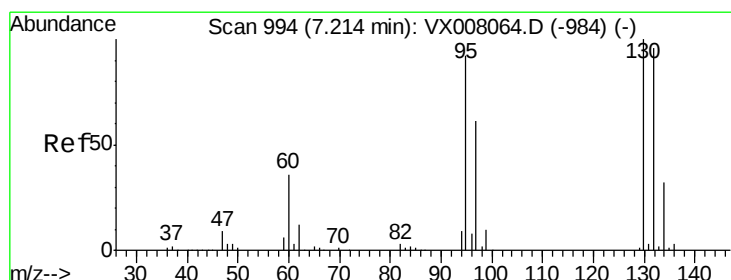
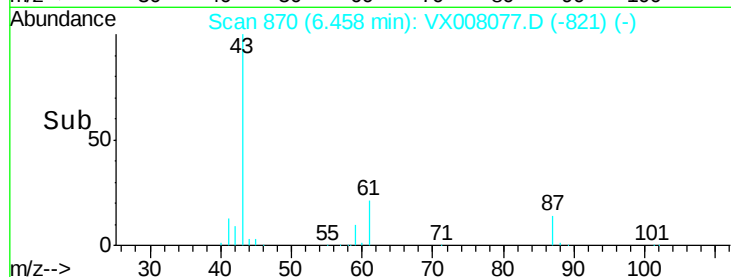
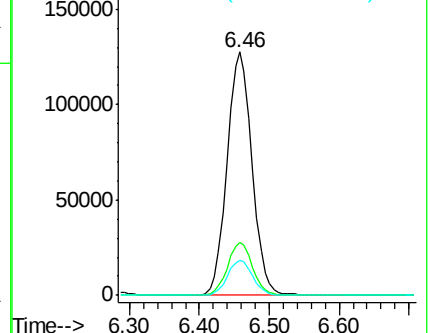
87 14.5 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 49.257 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008077.D

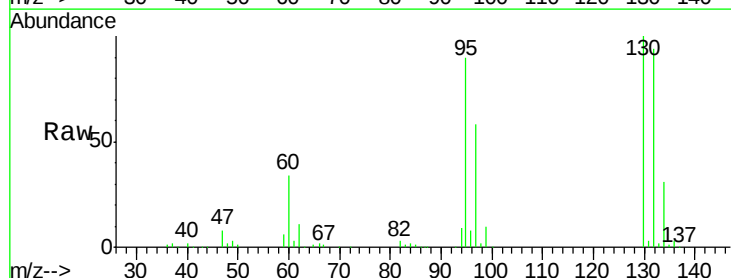
Acq: 14 Mar 2019 18:13

Tgt Ion: 130 Resp: 161139

Ion Ratio Lower Upper

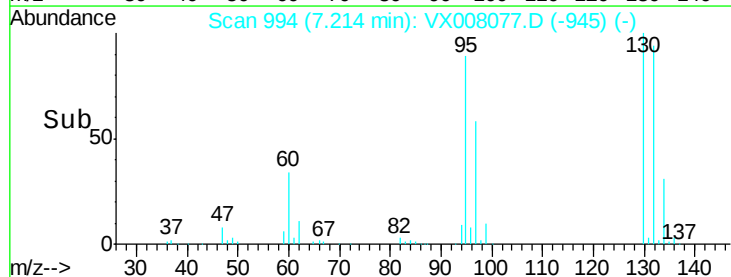
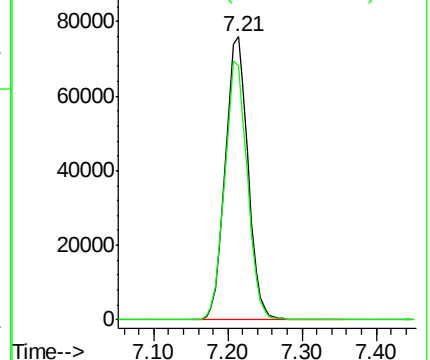
130 100

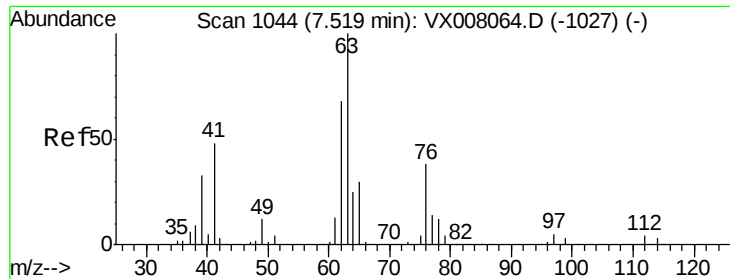
95 89.5 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

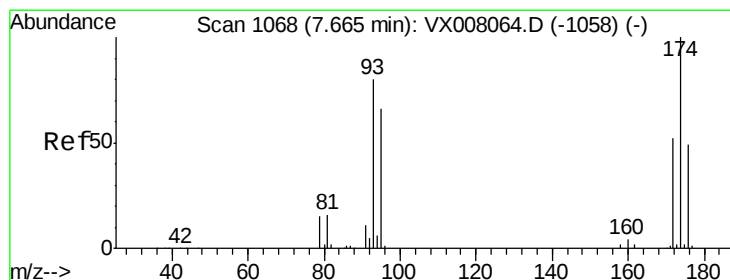
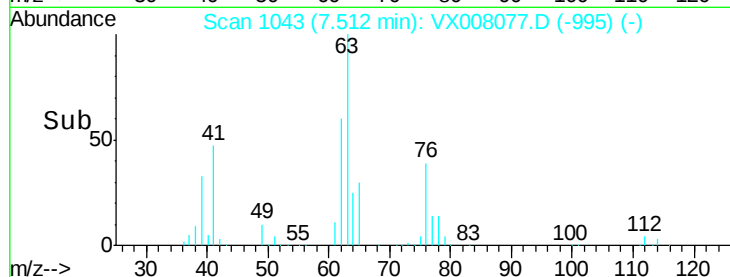
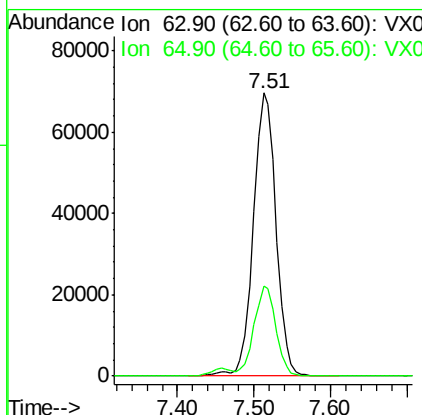
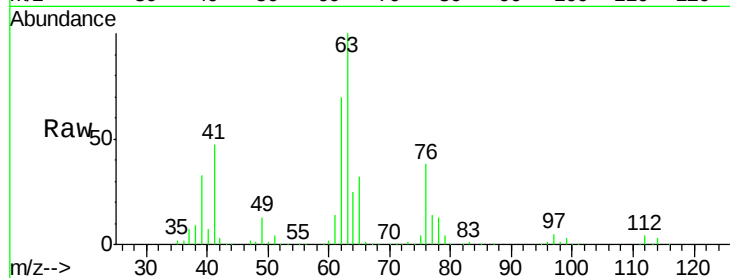




#45
 1,2-Dichloropropane
 Concen: 48.292 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX008077.D
 Acq: 14 Mar 2019 18:13

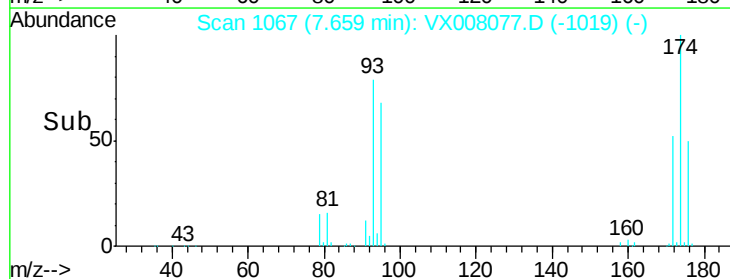
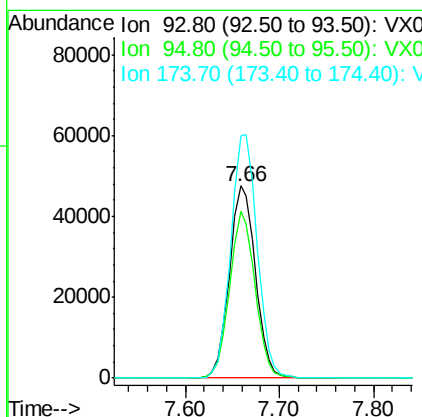
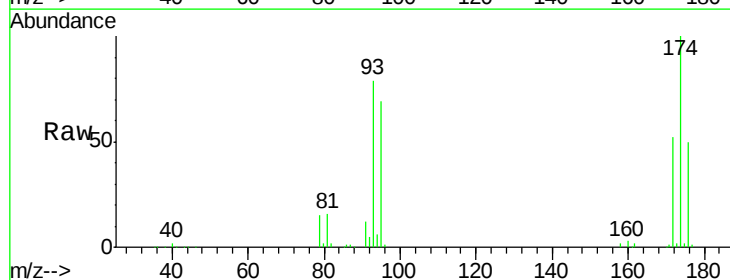
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

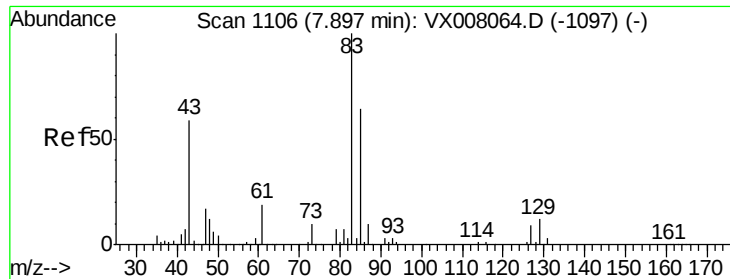
Tot Ion: 63 Resp: 144415
 Ion Ratio Lower Upper
 63 100
 65 31.8 24.7 37.1



#46
 Dibromomethane
 Concen: 48.927 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: VX008077.D
 Acq: 14 Mar 2019 18:13

Tgt Ion: 93 Resp: 91707
 Ion Ratio Lower Upper
 93 100
 95 84.3 66.8 100.2
 174 127.9 97.3 145.9





#47

Bromodichloromethane

Concen: 47.666 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008077.D

Acq: 14 Mar 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

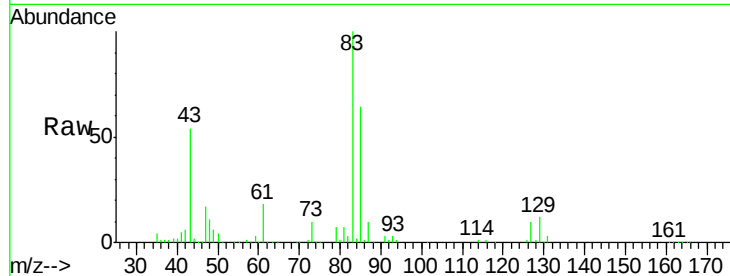
Tot Ion: 83 Resp: 169915

Ion Ratio Lower Upper

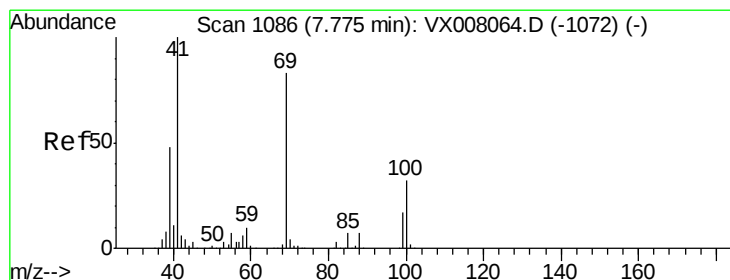
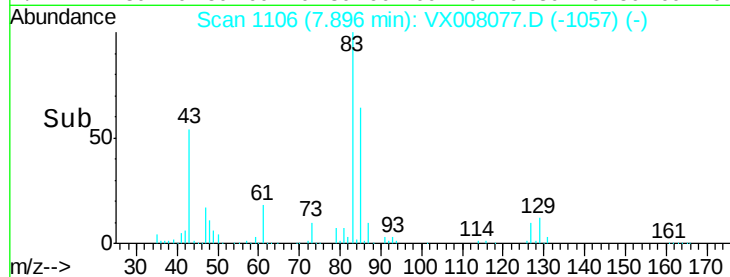
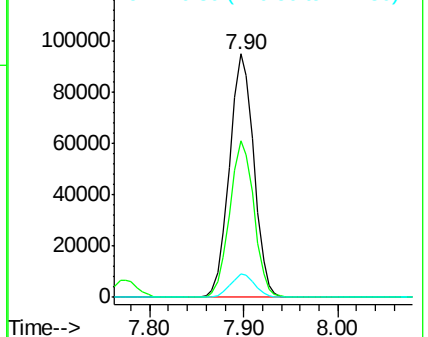
83 100

85 64.4 50.9 76.3

127 9.8 7.4 11.0



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



#48

Methyl methacrylate

Concen: 48.220 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX008077.D

Acq: 14 Mar 2019 18:13

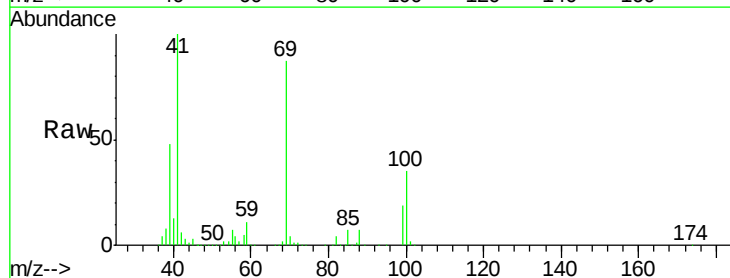
Tgt Ion: 41 Resp: 161289

Ion Ratio Lower Upper

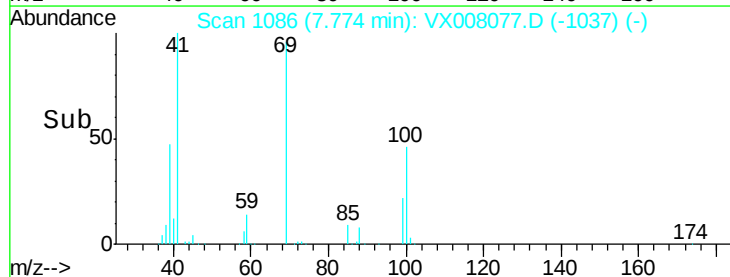
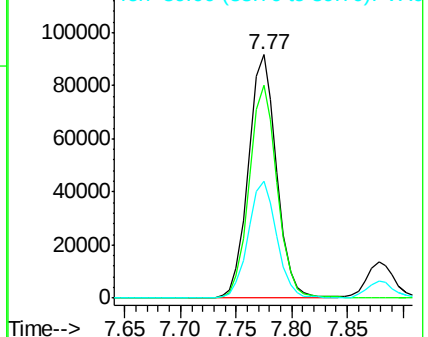
41 100

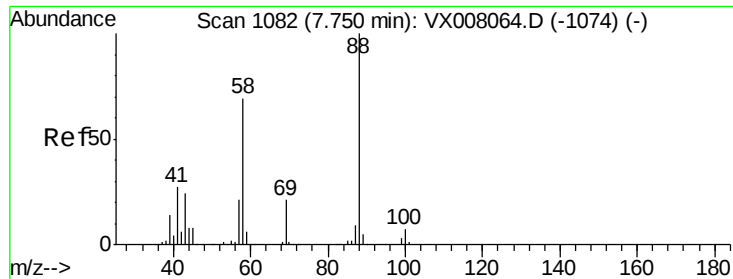
69 87.5 65.2 97.8

39 48.8 39.4 59.2



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

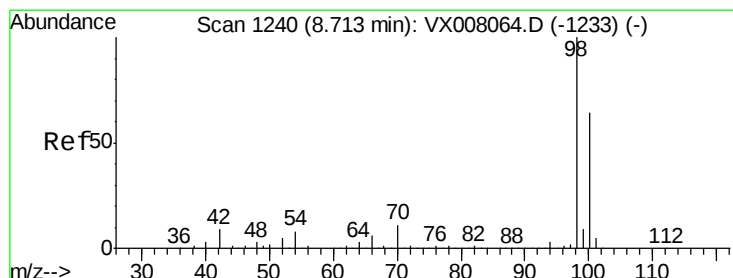
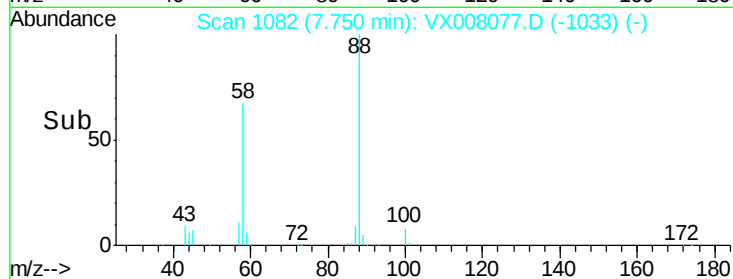
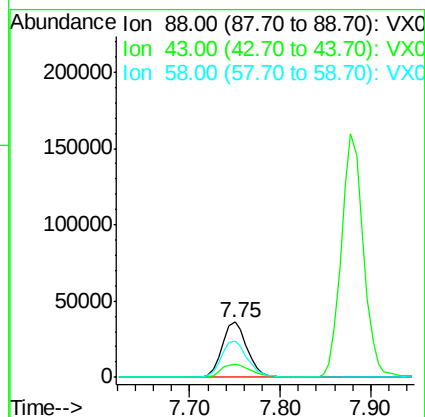
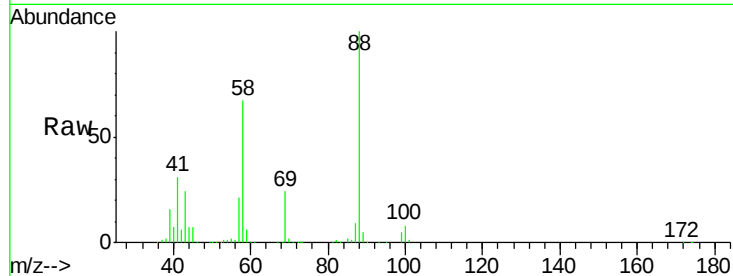




#49
 1,4-Dioxane
 Concen: 972.665 ug/l
 RT: 7.75 min Scan# 1082
 Delta R.T. -0.00 min
 Lab File: VX008077.D
 Acq: 14 Mar 2019 18:13

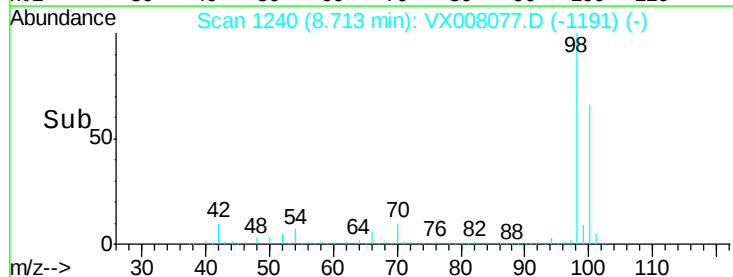
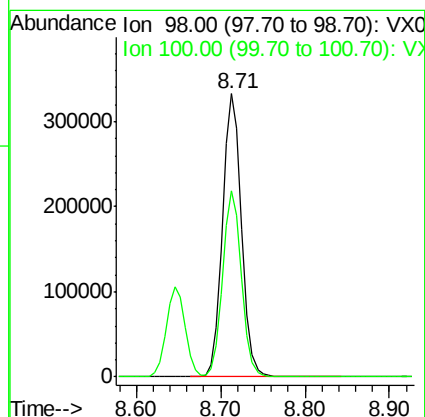
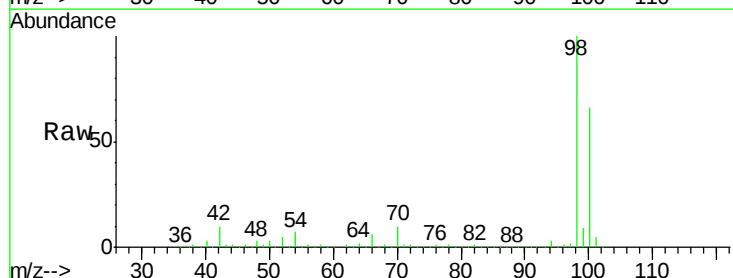
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

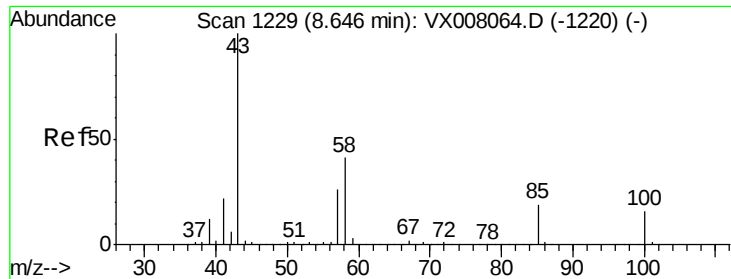
Tot Ion: 88 Resp: 70170
 Ion Ratio Lower Upper
 88 100
 43 29.4 25.1 37.7
 58 69.2 57.8 86.6



#50
 Toluene-d8
 Concen: 47.702 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX008077.D
 Acq: 14 Mar 2019 18:13

Tgt Ion: 98 Resp: 517460
 Ion Ratio Lower Upper
 98 100
 100 65.5 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 232.728 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX008077.D

Acq: 14 Mar 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

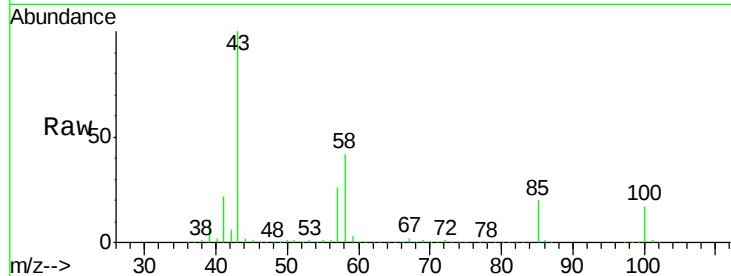
VSTDCCC050

Tot Ion: 43 Resp: 982329

Ion Ratio Lower Upper

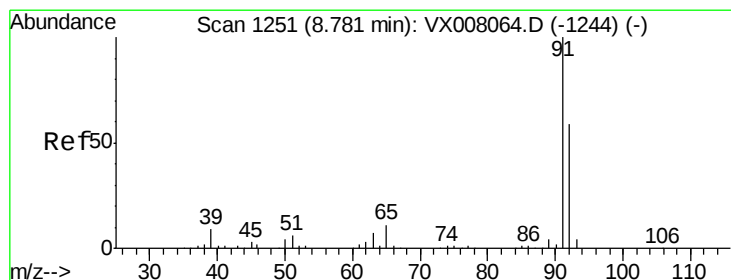
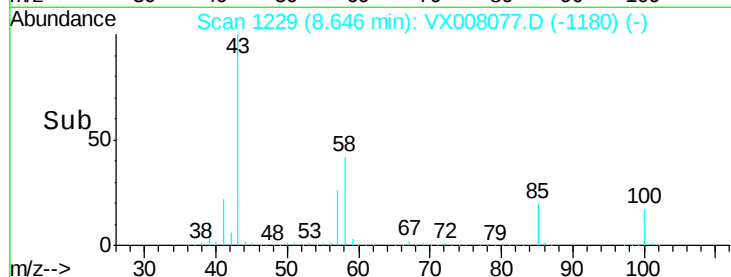
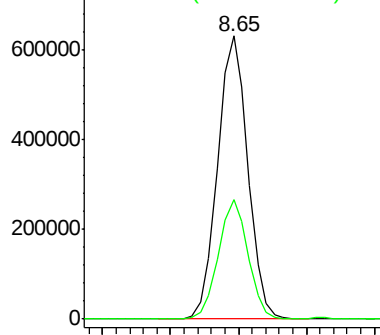
43 100

58 41.4 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 48.768 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX008077.D

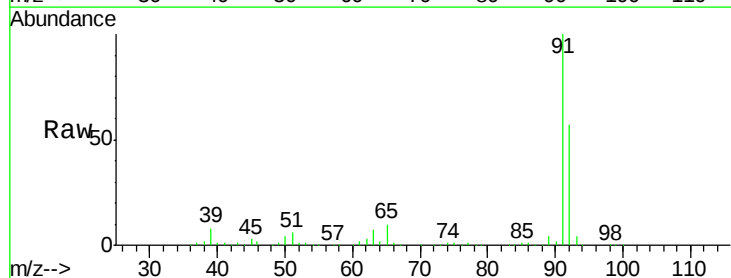
Acq: 14 Mar 2019 18:13

Tgt Ion: 92 Resp: 351395

Ion Ratio Lower Upper

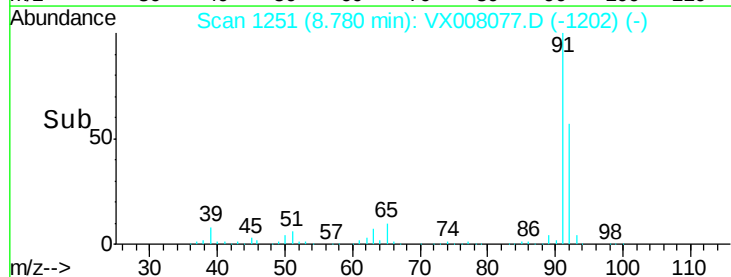
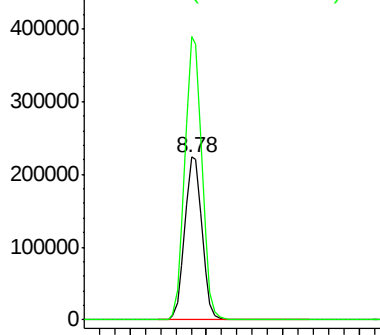
92 100

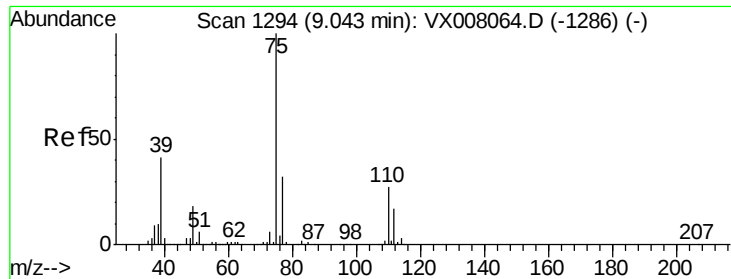
91 171.9 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 49.723 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX008077.D

Acq: 14 Mar 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

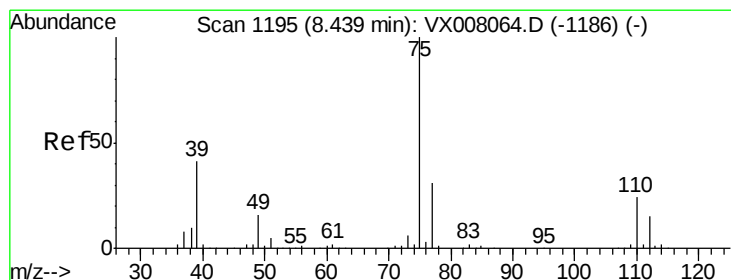
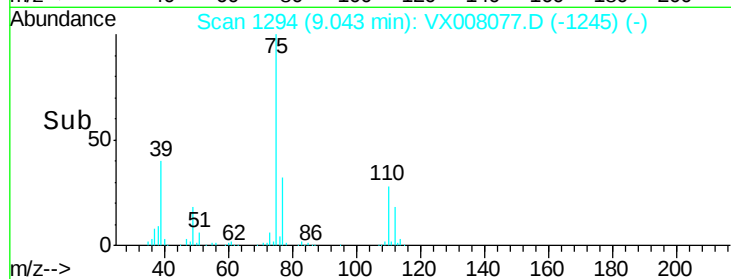
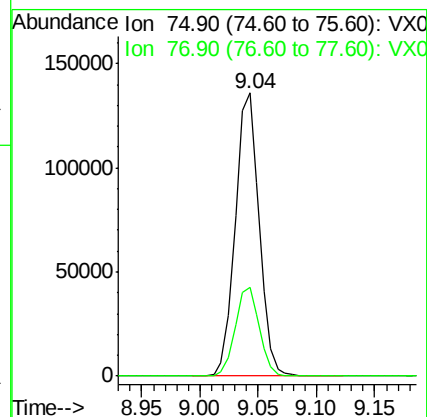
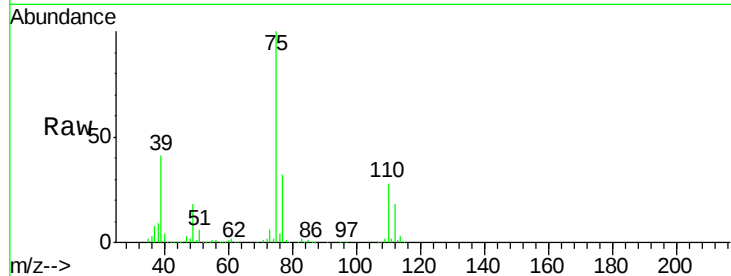
VSTDCCC050

Tot Ion: 75 Resp: 194304

Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 50.397 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.01 min

Lab File: VX008077.D

Acq: 14 Mar 2019 18:13

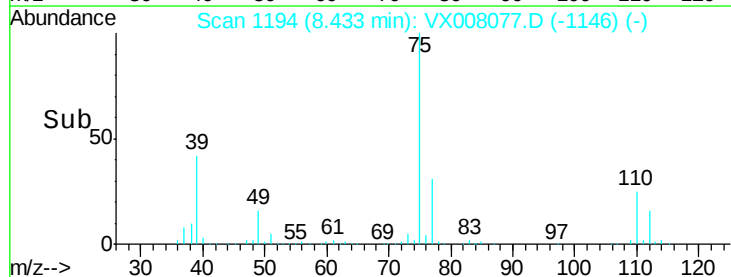
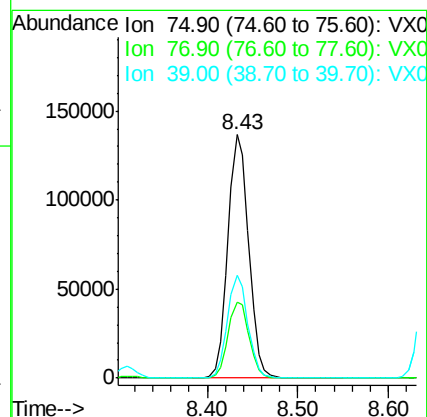
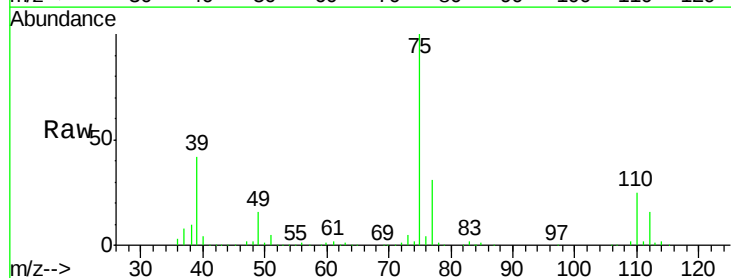
Tgt Ion: 75 Resp: 218868

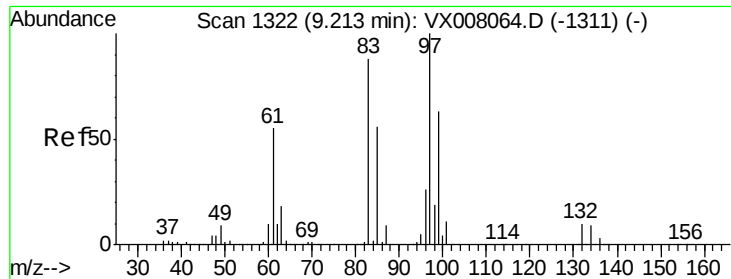
Ion Ratio Lower Upper

75 100

77 31.3 25.0 37.6

39 42.2 36.6 54.8



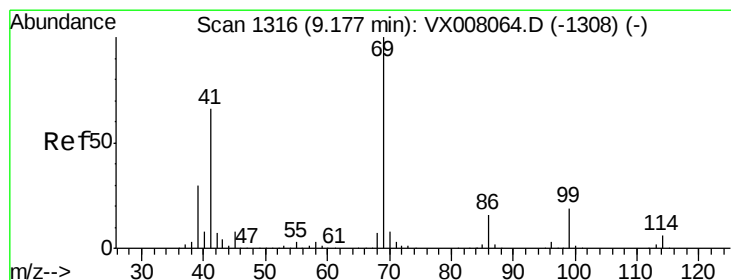
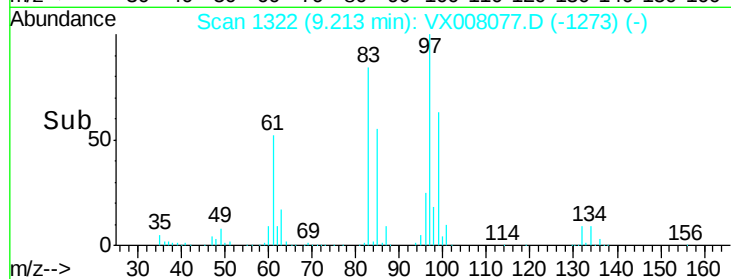
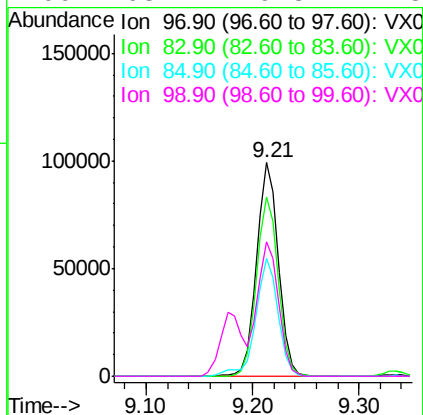
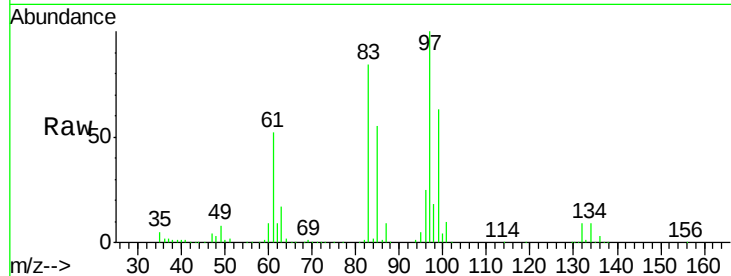


#55
 1,1,2-Trichloroethane
 Concen: 48.672 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008077.D
 Acq: 14 Mar 2019 18:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 142796

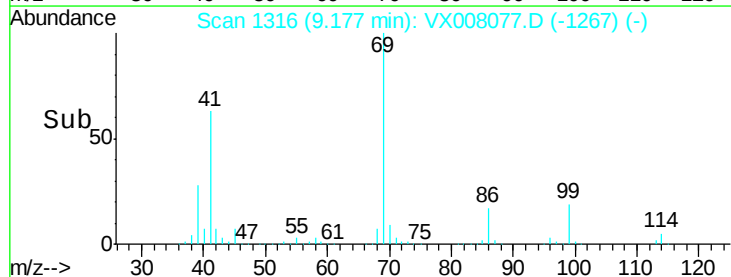
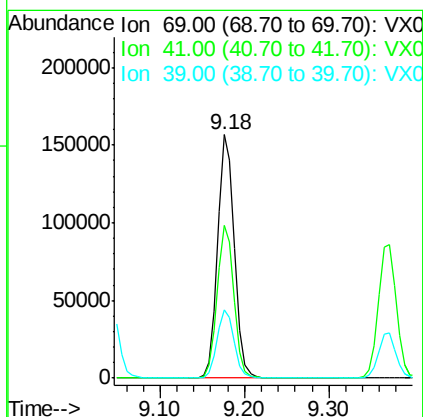
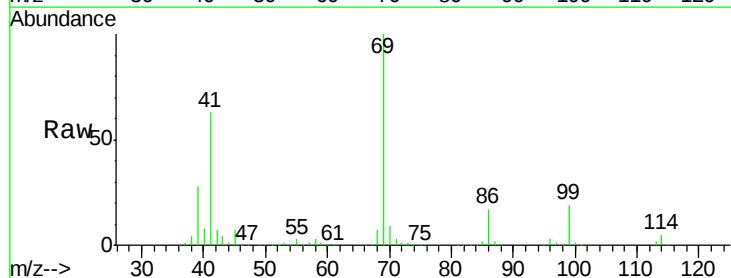
Ion	Ratio	Lower	Upper
97	100		
83	84.0	69.1	103.7
85	54.9	44.3	66.5
99	63.1	49.8	74.8

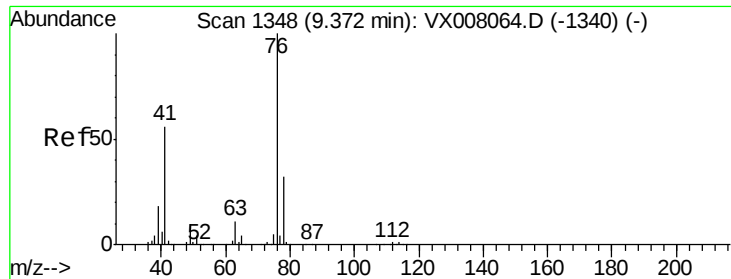


#56
 Ethyl methacrylate
 Concen: 49.757 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008077.D
 Acq: 14 Mar 2019 18:13

Tgt Ion: 69 Resp: 215634

Ion	Ratio	Lower	Upper
69	100		
41	62.8	54.2	81.4
39	28.5	25.0	37.4





#57

1,3-Dichloropropane

Concen: 47.325 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008077.D

Acq: 14 Mar 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

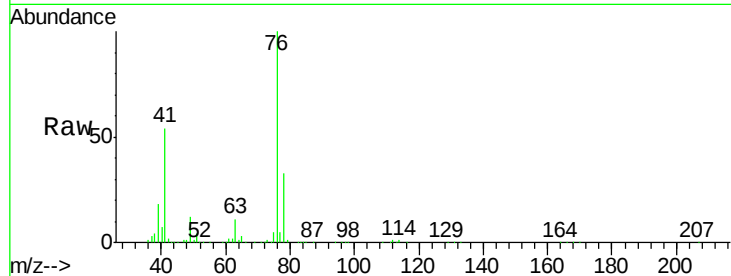
VSTDCCC050

Tot Ion: 76 Resp: 229780

Ion Ratio Lower Upper

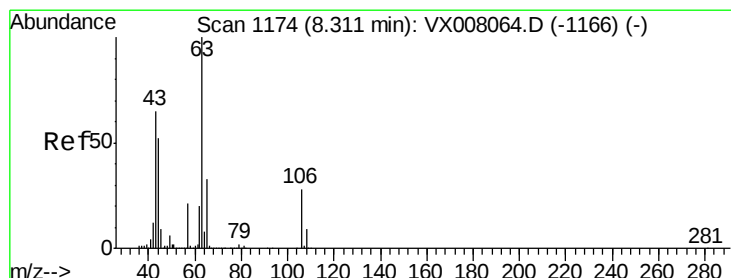
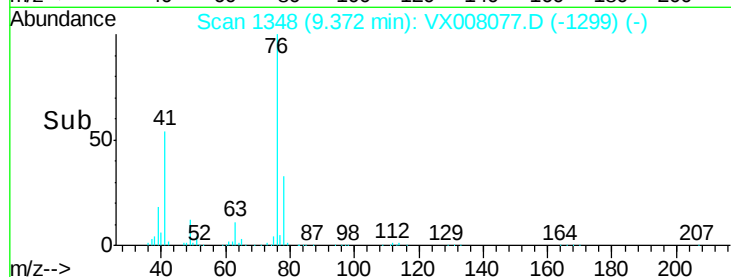
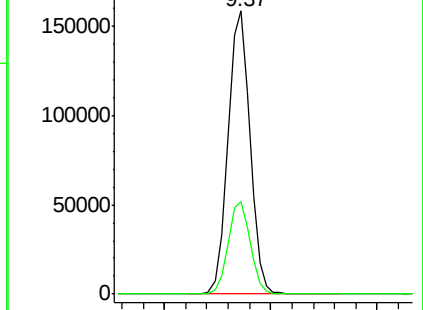
76 100

78 32.9 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 235.555 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008077.D

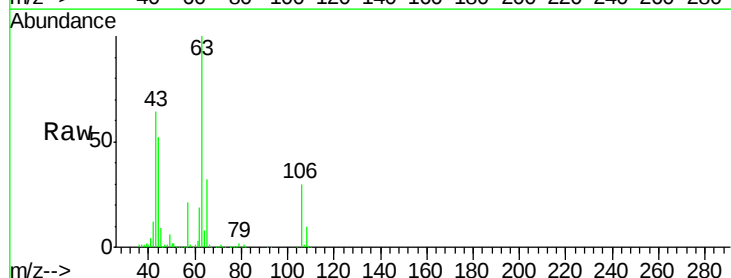
Acq: 14 Mar 2019 18:13

Tgt Ion: 63 Resp: 600561

Ion Ratio Lower Upper

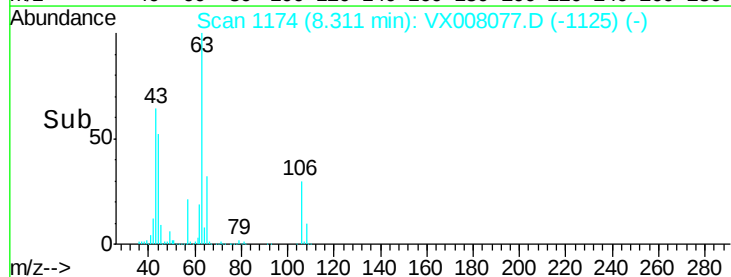
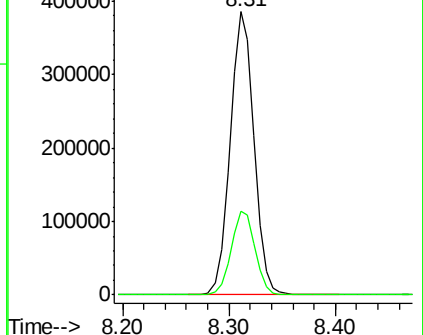
63 100

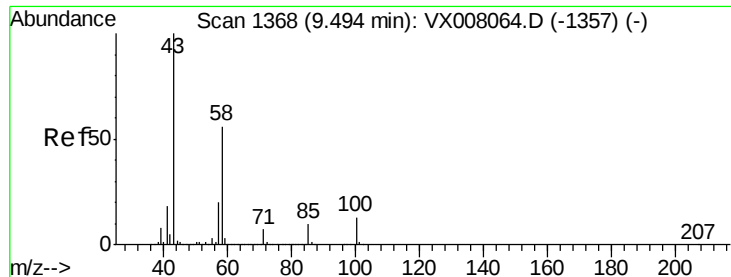
106 29.9 22.2 33.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

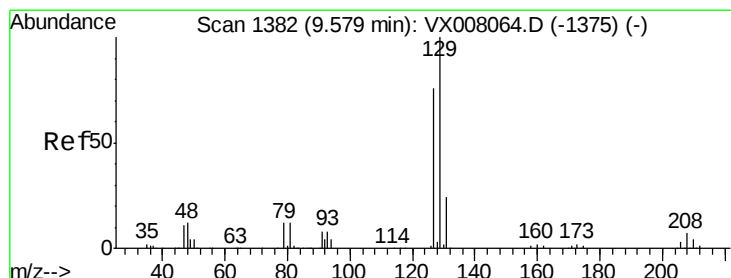
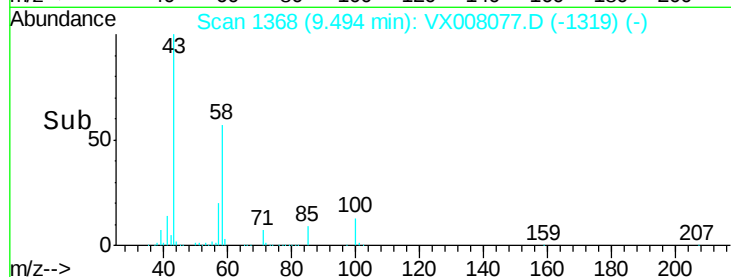
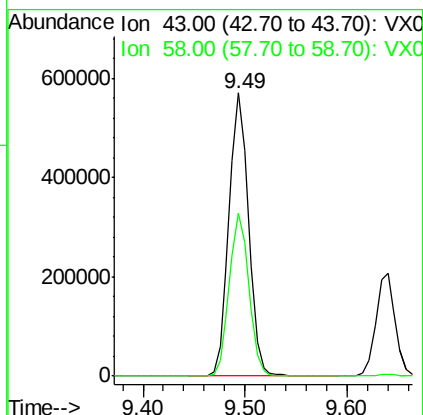
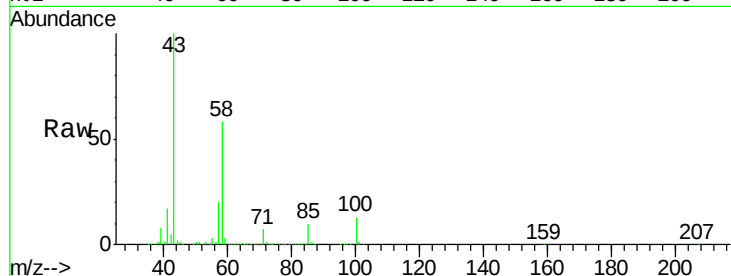




#59
2-Hexanone
Concen: 229.292 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX008077.D
Acq: 14 Mar 2019 18:13

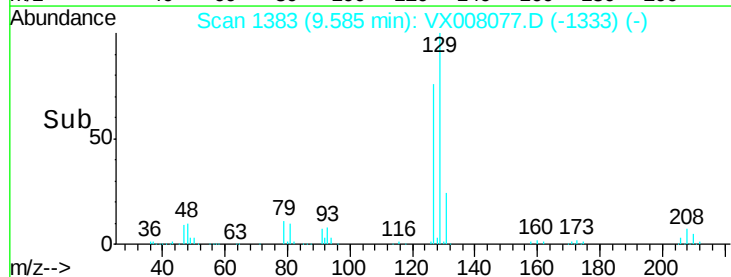
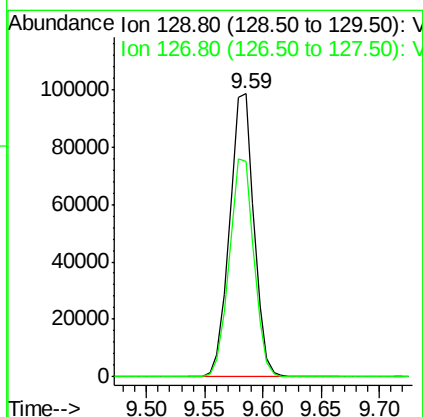
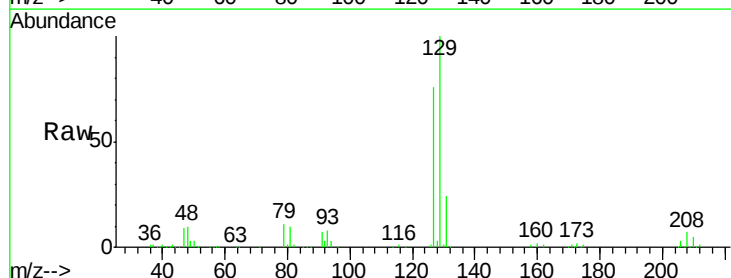
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

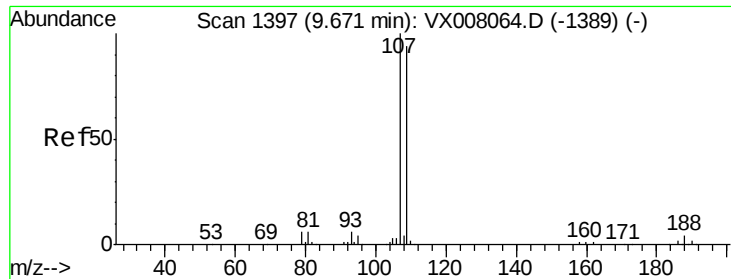
Tot Ion: 43 Resp: 756908
Ion Ratio Lower Upper
43 100
58 57.5 27.6 82.7



#60
Dibromochloromethane
Concen: 47.560 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX008077.D
Acq: 14 Mar 2019 18:13

Tgt Ion: 129 Resp: 143813
Ion Ratio Lower Upper
129 100
127 77.7 38.3 114.8





#61

1,2-Dibromoethane

Concen: 48.439 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008077.D

Acq: 14 Mar 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

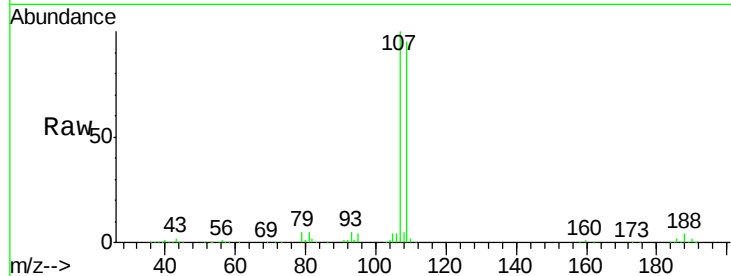
VSTDCCC050

Tot Ion:107 Resp: 148910

Ion Ratio Lower Upper

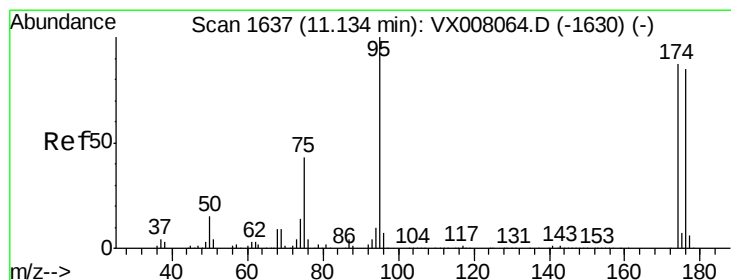
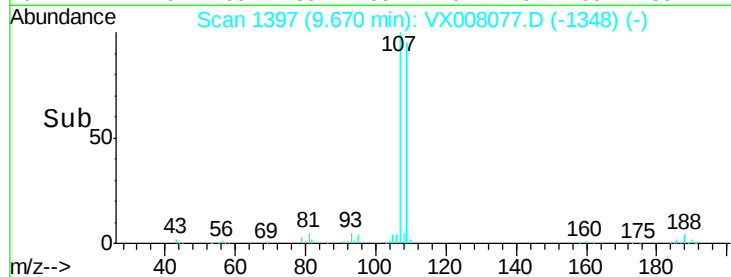
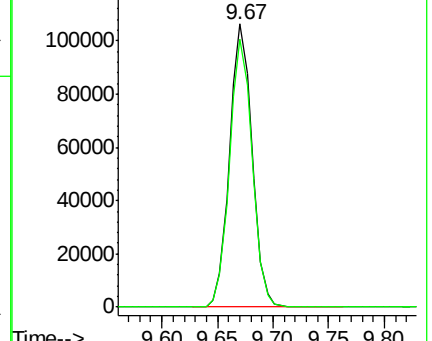
107 100

109 95.5 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.012 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008077.D

Acq: 14 Mar 2019 18:13

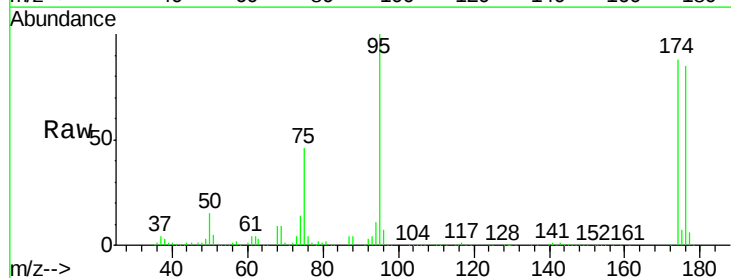
Tgt Ion: 95 Resp: 182693

Ion Ratio Lower Upper

95 100

174 94.8 0.0 182.8

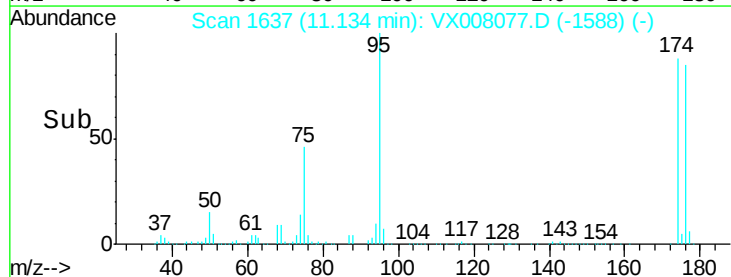
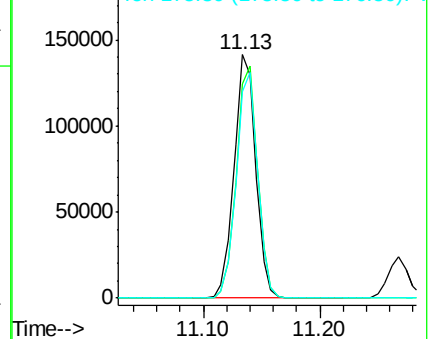
176 92.3 0.0 178.0

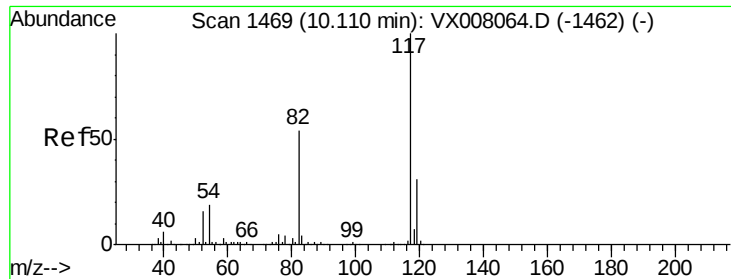


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

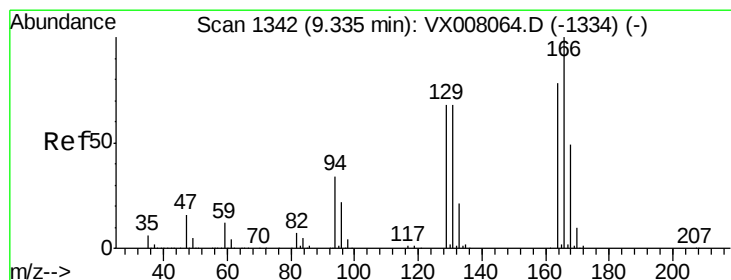
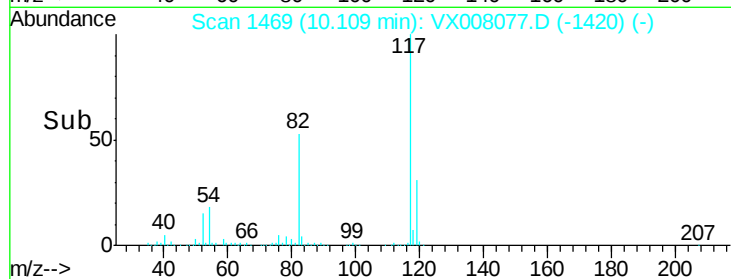
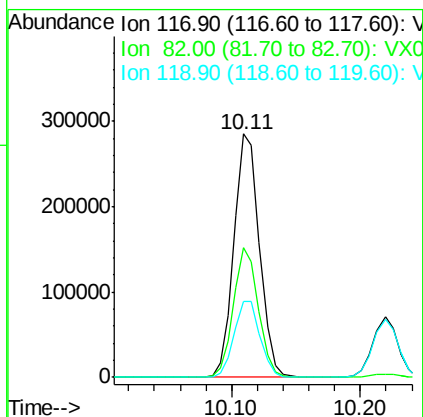
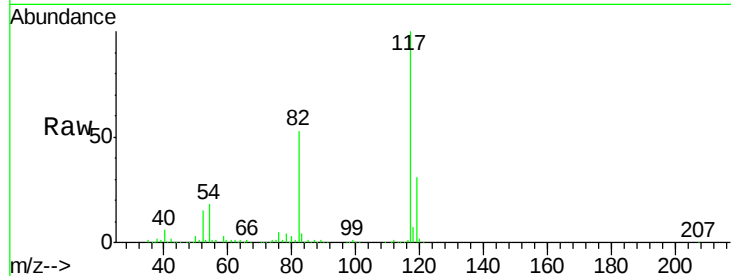




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008077.D
Acq: 14 Mar 2019 18:13

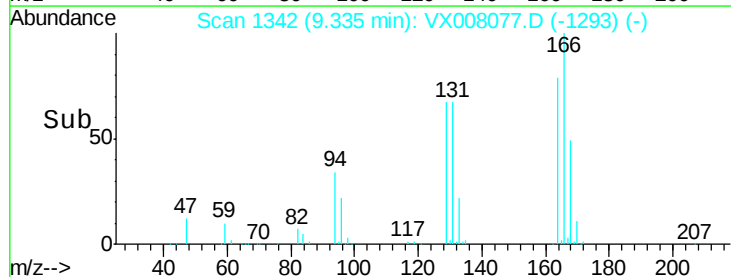
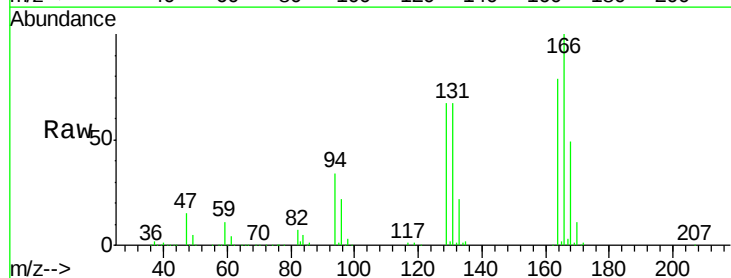
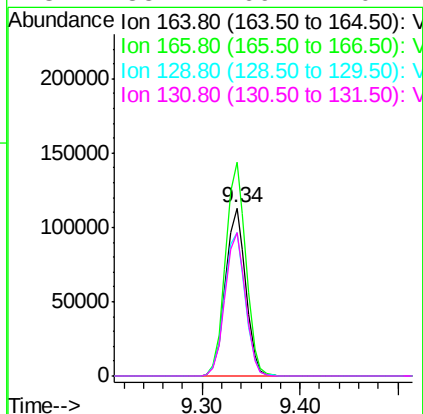
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

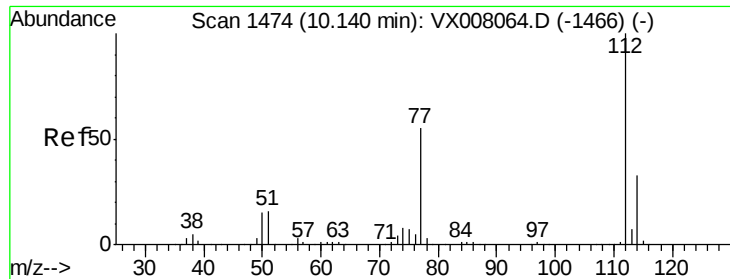
Tot Ion:117 Resp: 394608
Ion Ratio Lower Upper
117 100
82 53.0 44.3 66.5
119 31.3 25.3 37.9



#64
Tetrachloroethene
Concen: 50.857 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008077.D
Acq: 14 Mar 2019 18:13

Tgt Ion:164 Resp: 162604
Ion Ratio Lower Upper
164 100
166 127.0 103.4 155.0
129 85.2 72.2 108.4
131 85.1 69.4 104.2





#65

Chlorobenzene

Concen: 49.664 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX008077.D

Acq: 14 Mar 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

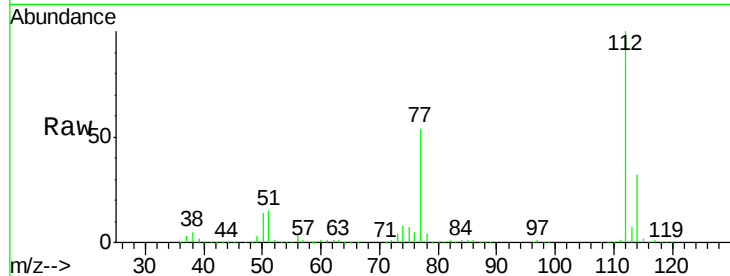
VSTDCCC050

Tot Ion:112 Resp: 388909

Ion Ratio Lower Upper

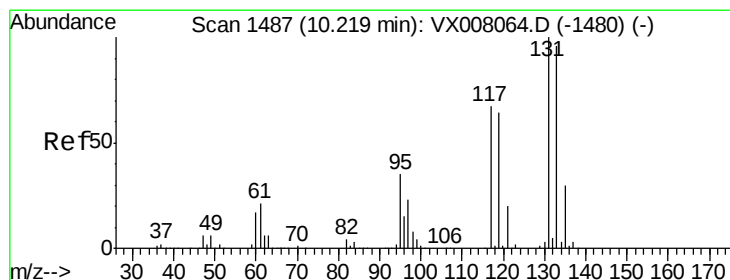
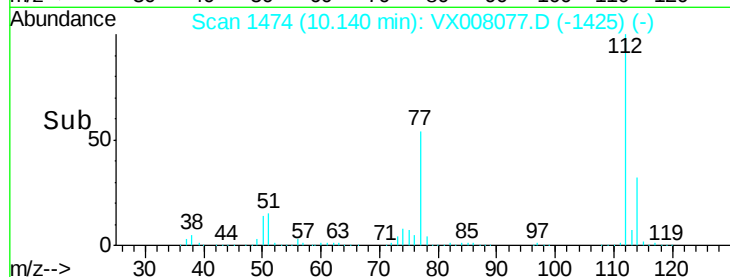
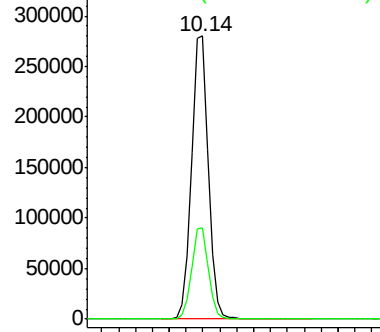
112 100

114 32.1 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.636 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX008077.D

Acq: 14 Mar 2019 18:13

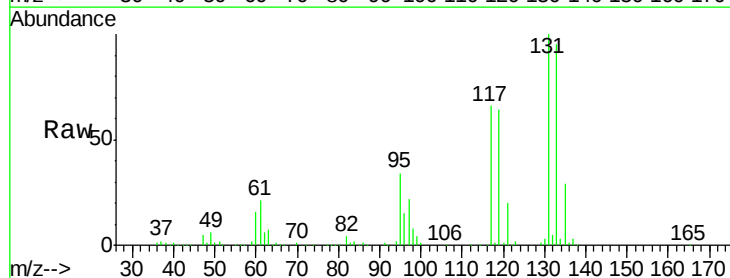
Tgt Ion:131 Resp: 140721

Ion Ratio Lower Upper

131 100

133 95.9 47.8 143.3

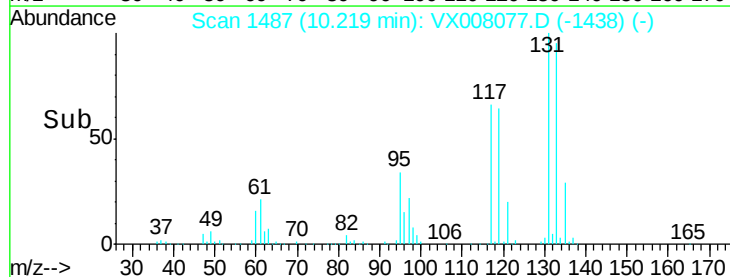
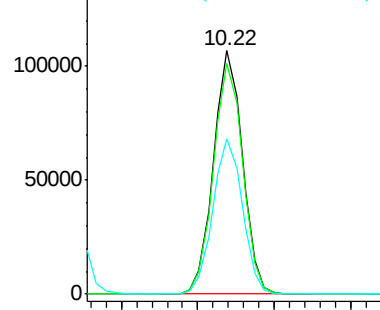
119 65.1 32.5 97.5

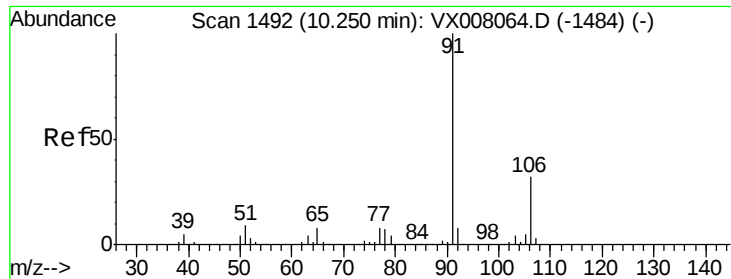


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

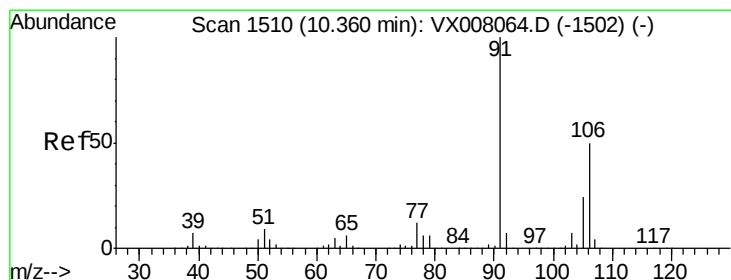
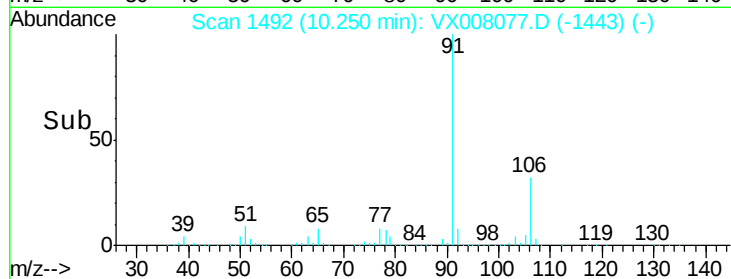
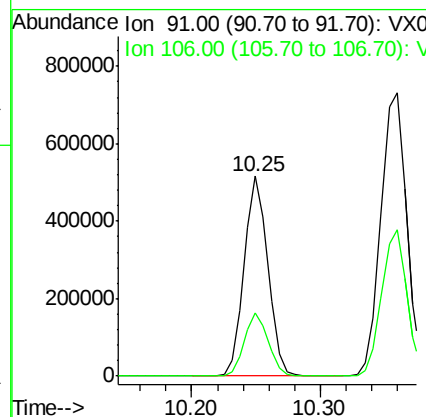
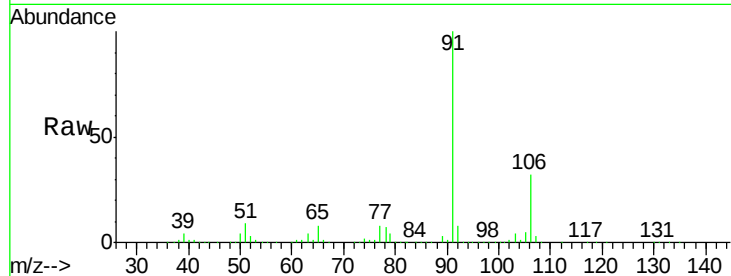




#67
Ethyl Benzene
Concen: 50.761 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008077.D
Acq: 14 Mar 2019 18:13

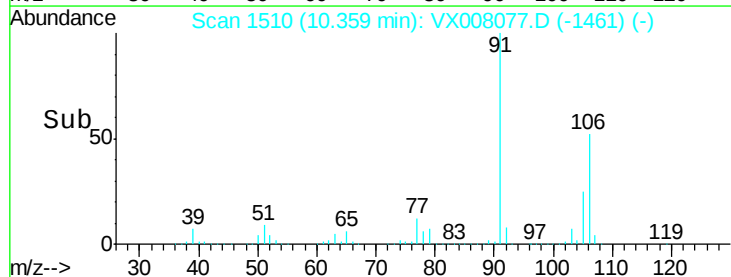
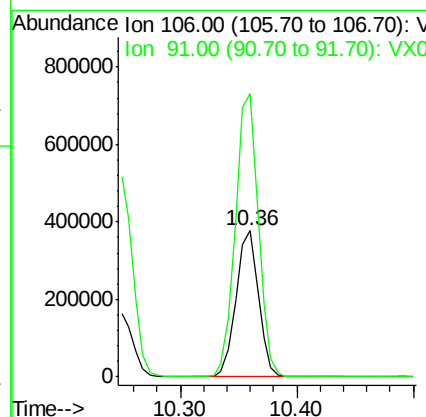
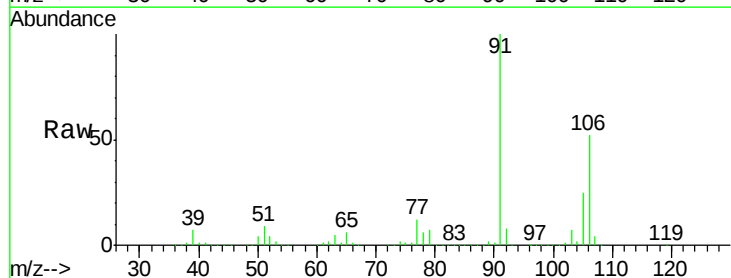
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

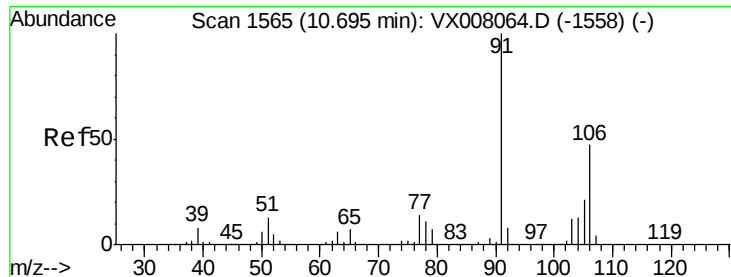
Tot Ion: 91 Resp: 657939
Ion Ratio Lower Upper
91 100
106 31.9 25.2 37.8



#68
m/p-Xylenes
Concen: 102.828 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008077.D
Acq: 14 Mar 2019 18:13

Tgt Ion: 106 Resp: 509993
Ion Ratio Lower Upper
106 100
91 198.0 159.8 239.6

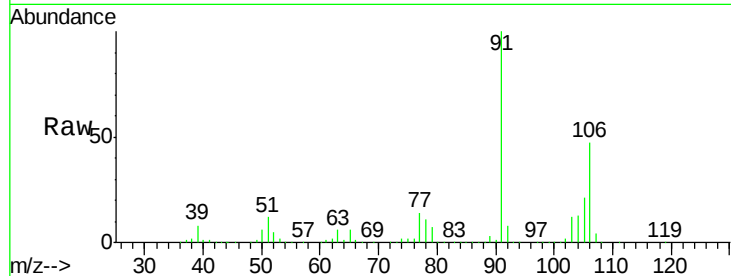




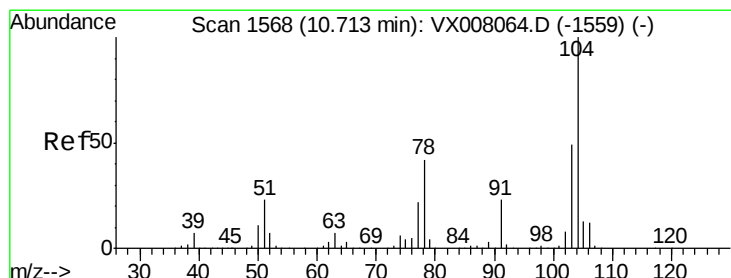
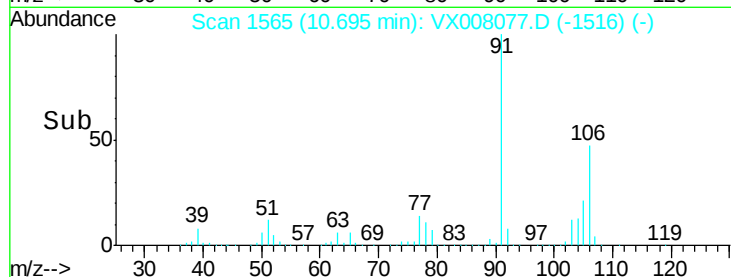
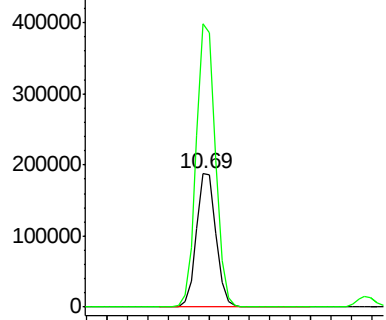
#69
o-Xylene
Concen: 51.270 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX008077.D
Acq: 14 Mar 2019 18:13

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion:106 Resp: 247888
Ion Ratio Lower Upper
106 100
91 209.3 106.3 318.9

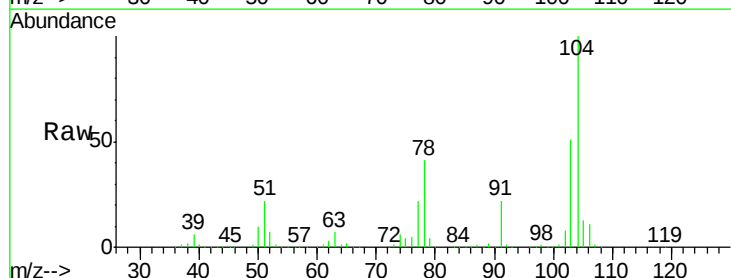


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

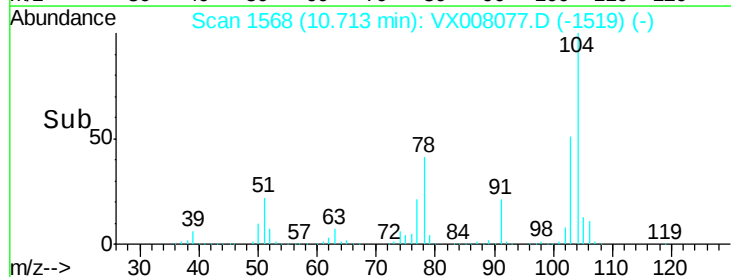
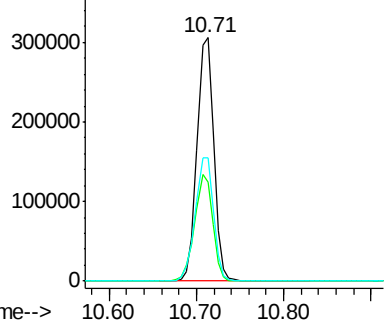


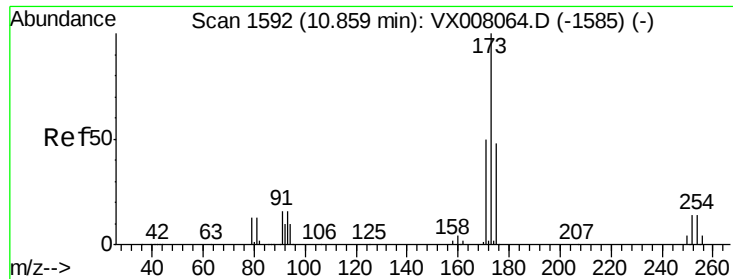
#70
Styrene
Concen: 51.402 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008077.D
Acq: 14 Mar 2019 18:13

Tgt Ion:104 Resp: 407132
Ion Ratio Lower Upper
104 100
78 47.1 38.5 57.7
103 55.5 44.1 66.1



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 49.506 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX008077.D

Acq: 14 Mar 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

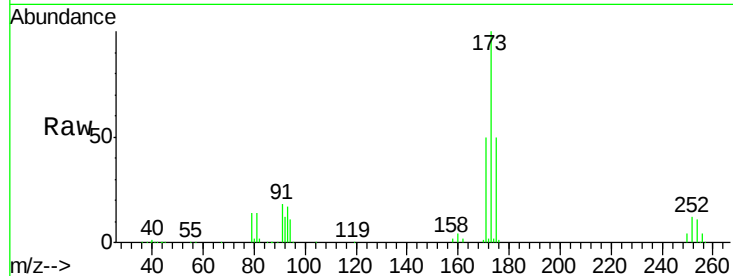
Tot Ion:173 Resp: 113857

Ion Ratio Lower Upper

173 100

175 48.8 24.3 72.9

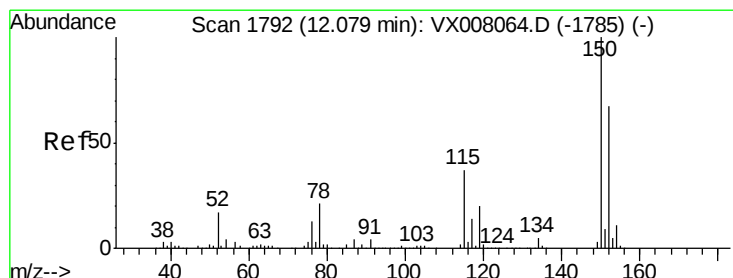
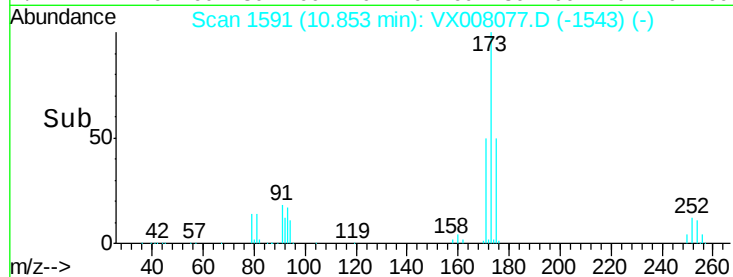
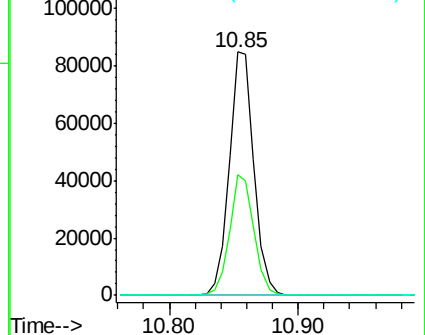
254 0.2 0.1 0.1#



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: VX008077.D

Acq: 14 Mar 2019 18:13

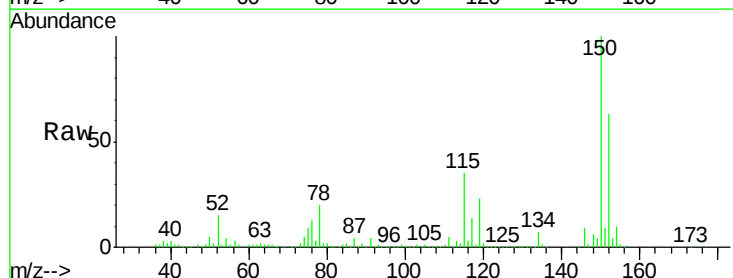
Tgt Ion:152 Resp: 201516

Ion Ratio Lower Upper

152 100

115 75.6 38.6 115.7

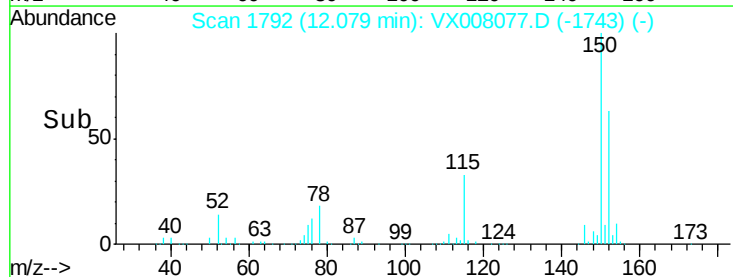
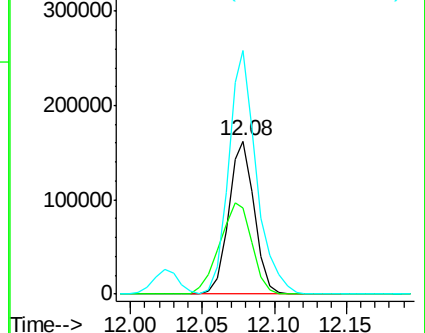
150 172.7 0.0 348.4

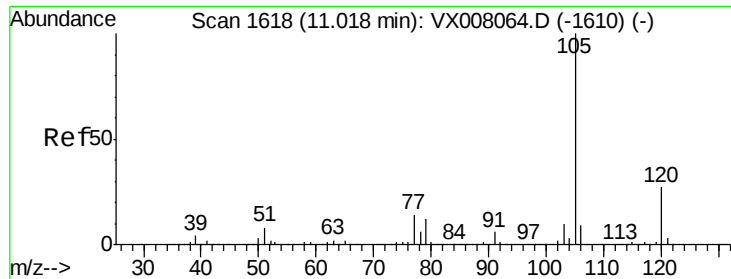


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.597 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008077.D

Acq: 14 Mar 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

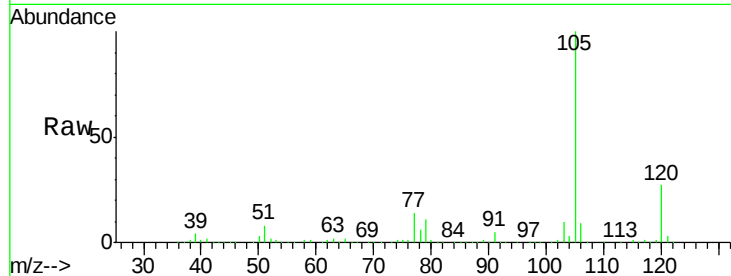
VSTDCCC050

Tot Ion:105 Resp: 665959

Ion Ratio Lower Upper

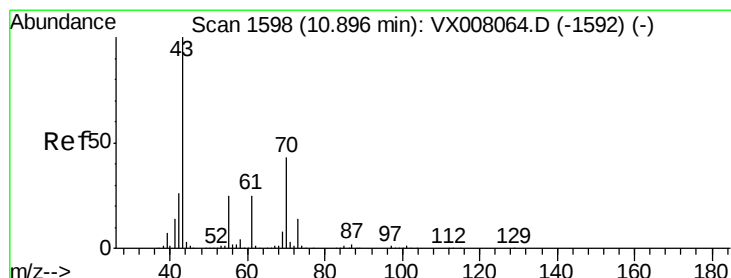
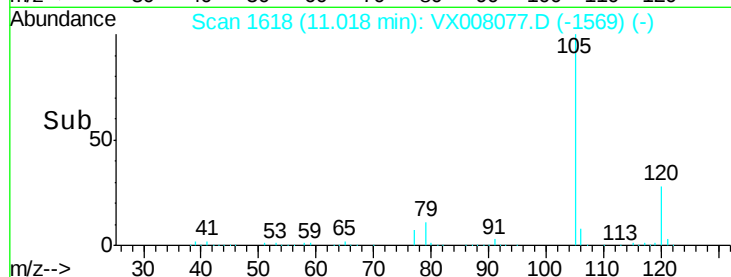
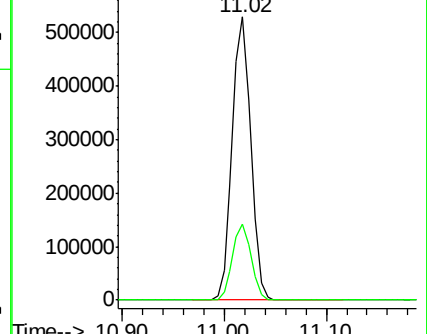
105 100

120 26.9 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.655 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008077.D

Acq: 14 Mar 2019 18:13

Tgt Ion: 43 Resp: 264906

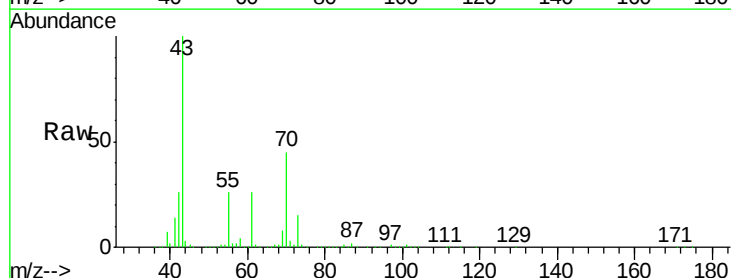
Ion Ratio Lower Upper

43 100

70 44.9 33.5 50.3

55 25.0 19.2 28.8

61 25.5 19.0 28.6

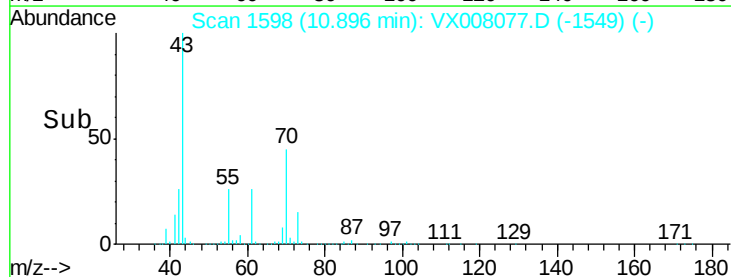
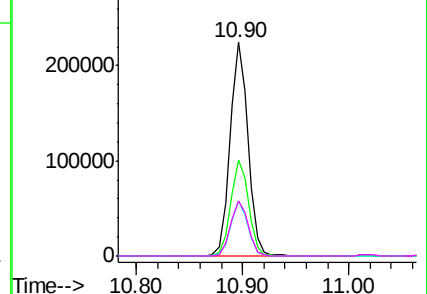


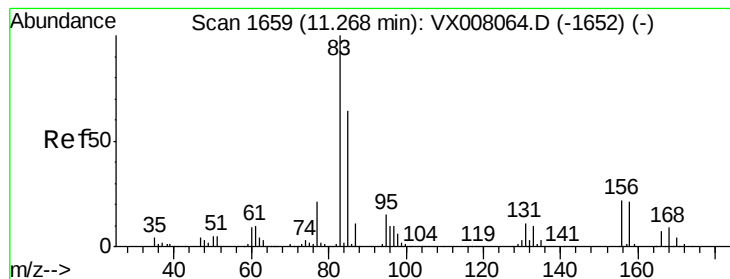
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.571 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008077.D

Acq: 14 Mar 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

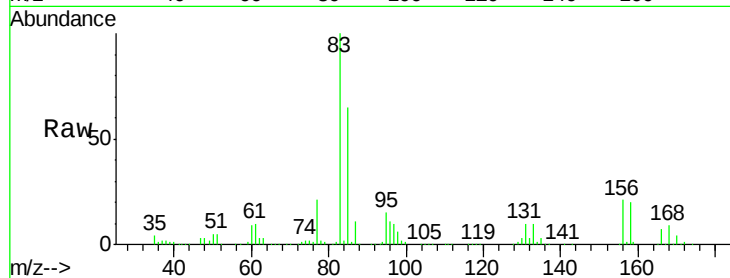
Tot Ion: 83 Resp: 201180

Ion Ratio Lower Upper

83 100

131 10.8 5.4 16.2

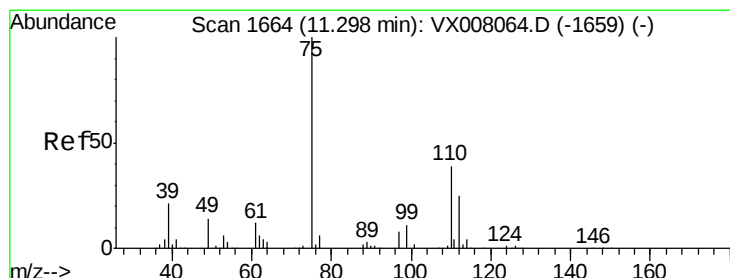
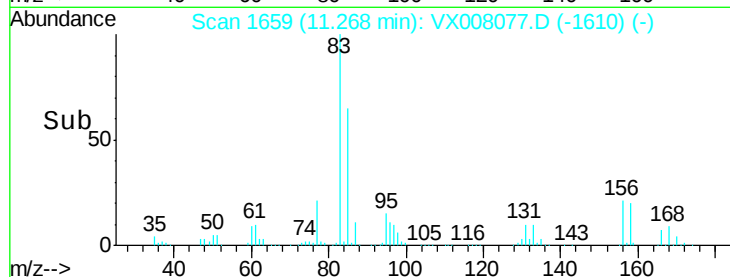
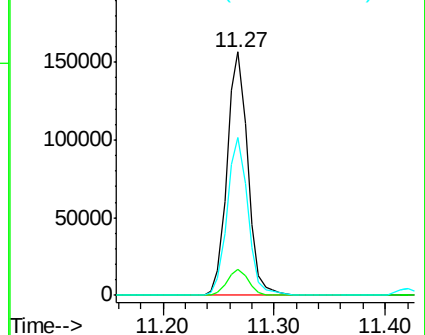
85 65.2 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 67.354 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX008077.D

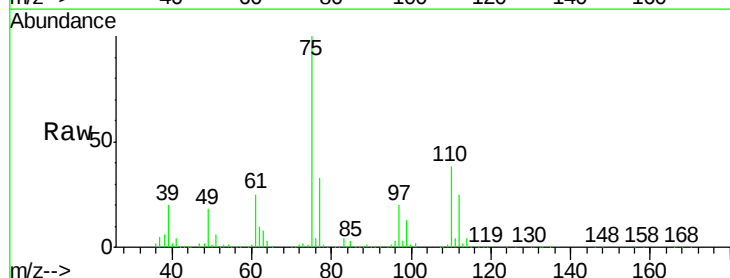
Acq: 14 Mar 2019 18:13

Tgt Ion: 75 Resp: 235724

Ion Ratio Lower Upper

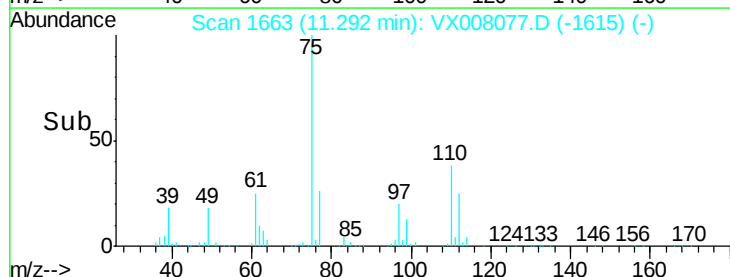
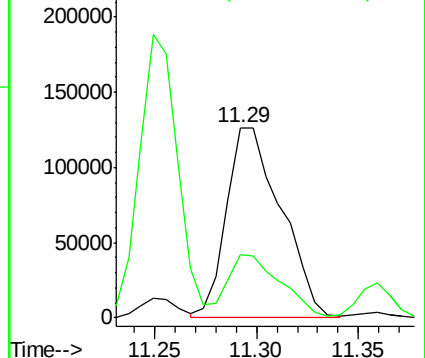
75 100

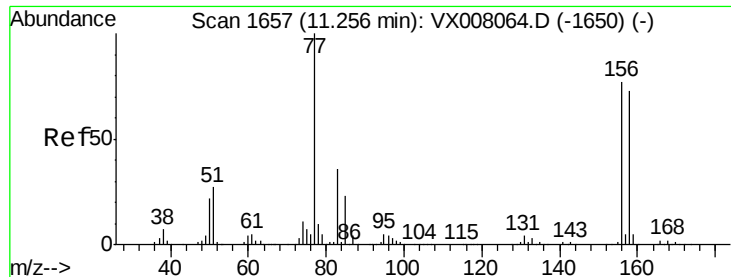
77 32.5 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.975 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008077.D

Acq: 14 Mar 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

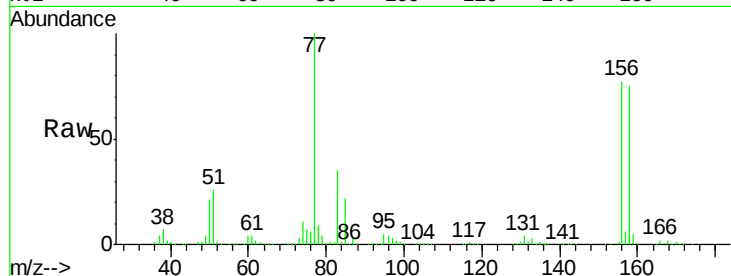
Tot Ion:156 Resp: 176058

Ion Ratio Lower Upper

156 100

77 138.5 72.0 215.9

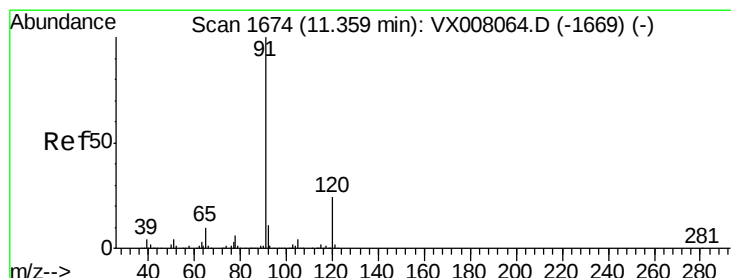
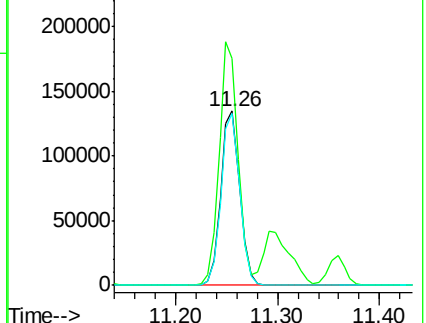
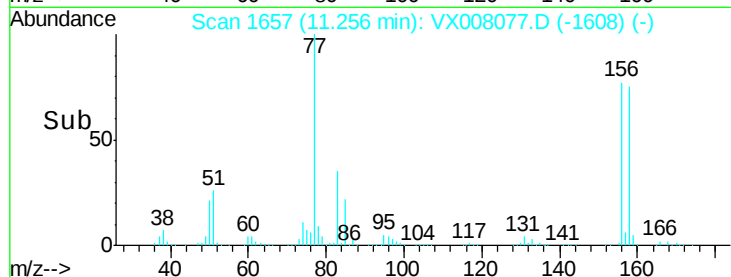
158 96.9 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.220 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008077.D

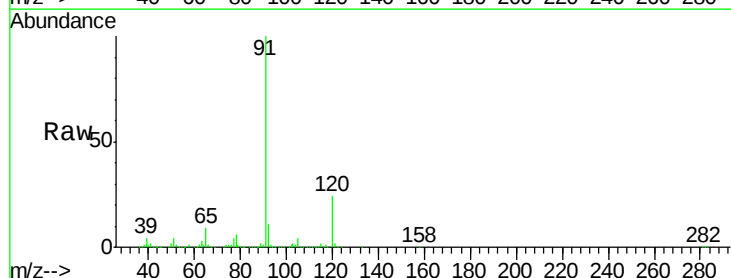
Acq: 14 Mar 2019 18:13

Tgt Ion: 91 Resp: 739455

Ion Ratio Lower Upper

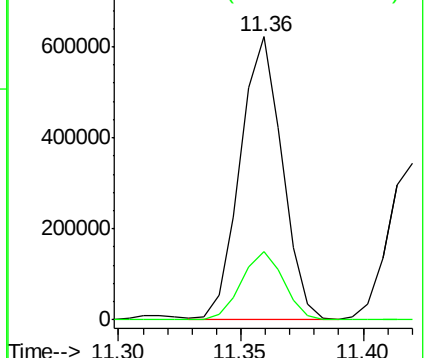
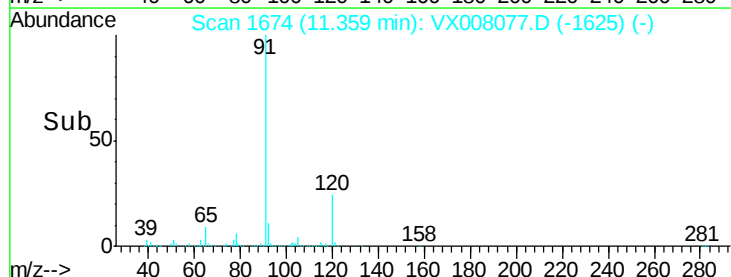
91 100

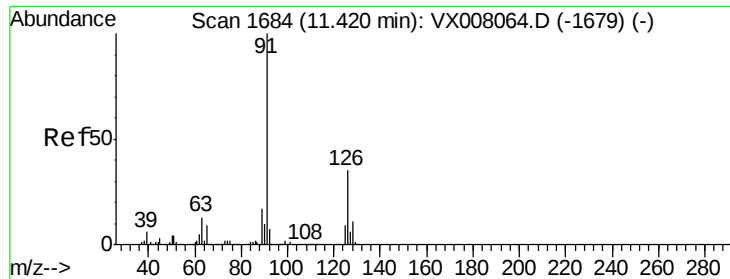
120 24.6 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

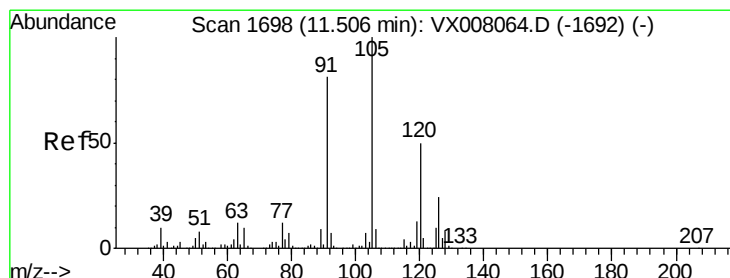
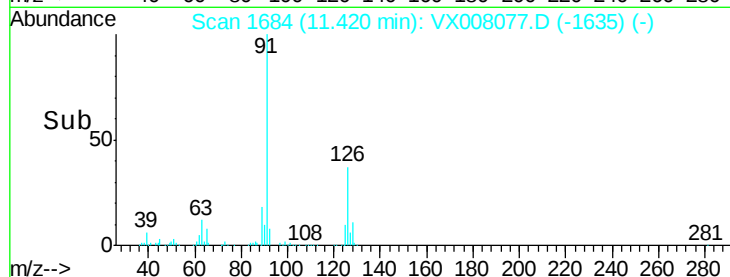
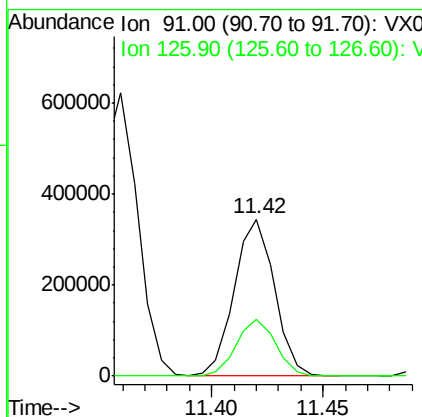
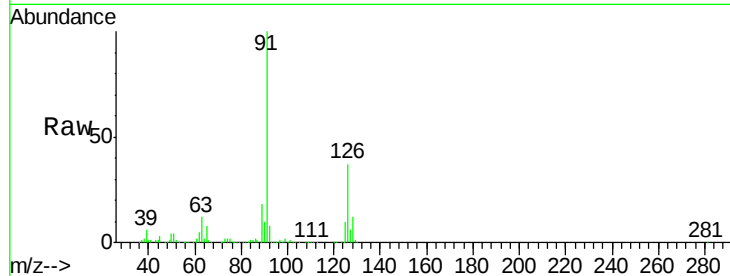




#79
 2-Chlorotoluene
 Concen: 49.993 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX008077.D
 Acq: 14 Mar 2019 18:13

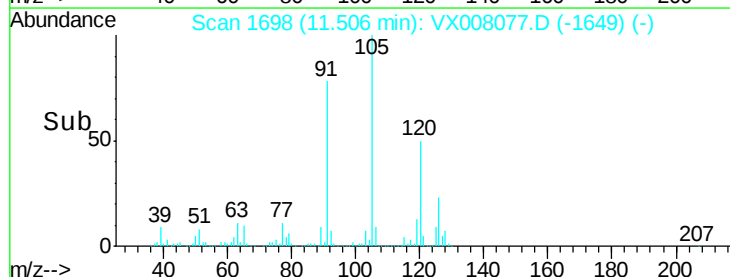
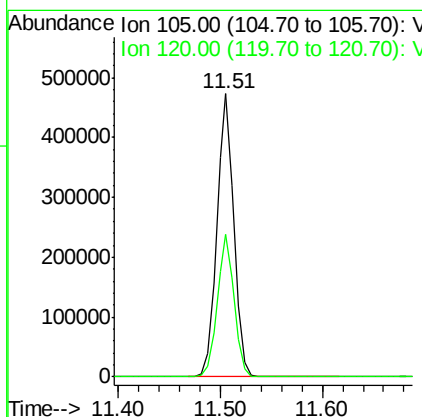
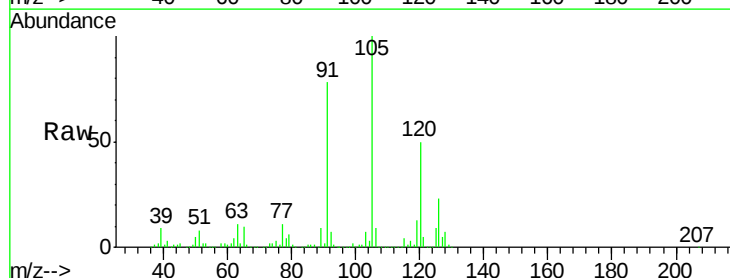
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

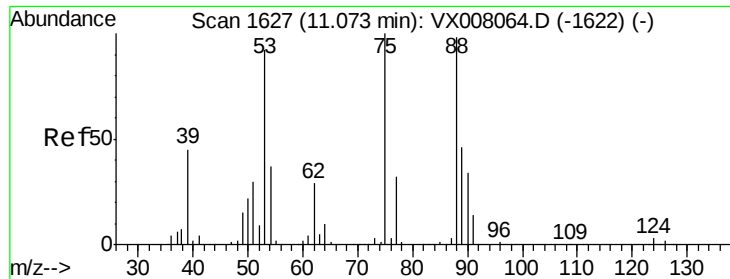
Tot Ion: 91 Resp: 432333
 Ion Ratio Lower Upper
 91 100
 126 36.1 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 51.921 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008077.D
 Acq: 14 Mar 2019 18:13

Tgt Ion: 105 Resp: 552210
 Ion Ratio Lower Upper
 105 100
 120 49.8 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 50.067 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008077.D

Acq: 14 Mar 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

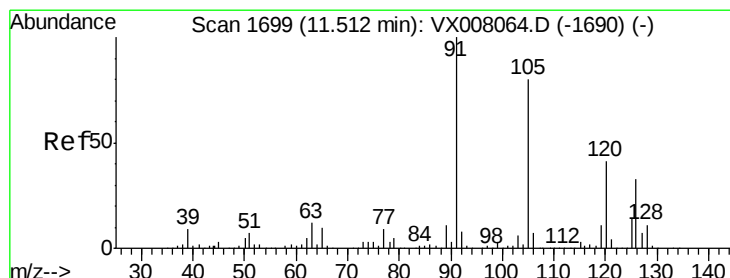
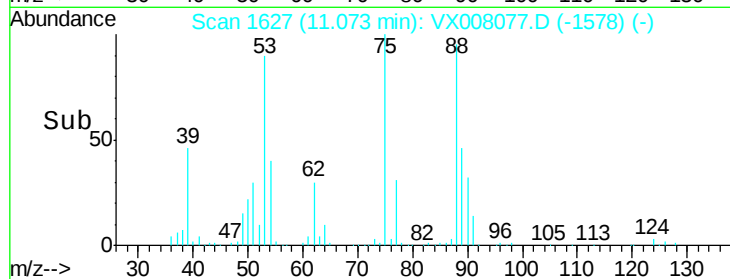
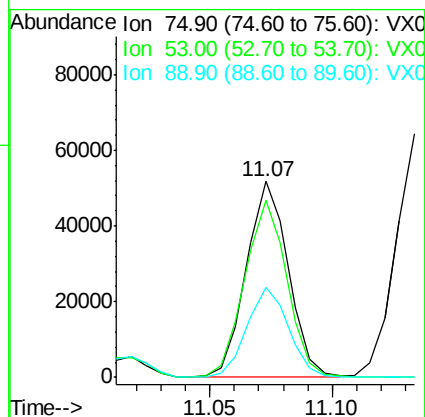
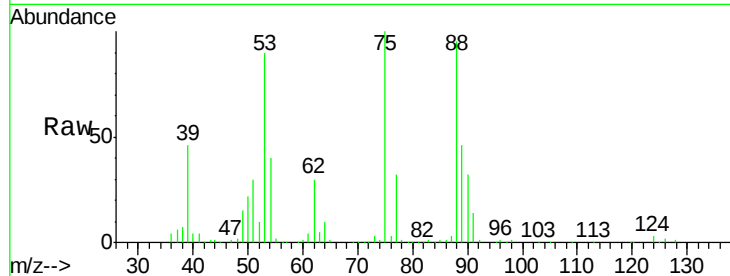
Tot Ion: 75 Resp: 61575

Ion Ratio Lower Upper

75 100

53 92.1 76.1 114.1

89 45.9 36.3 54.5



#82

4-Chlorotoluene

Concen: 50.490 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX008077.D

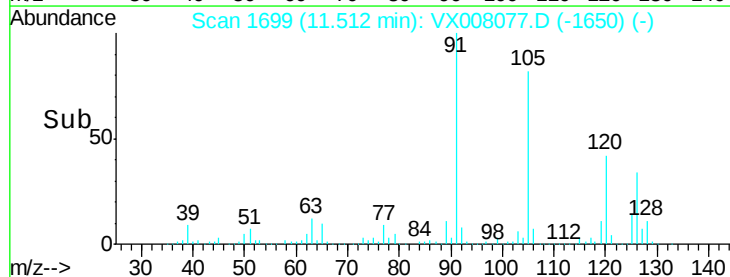
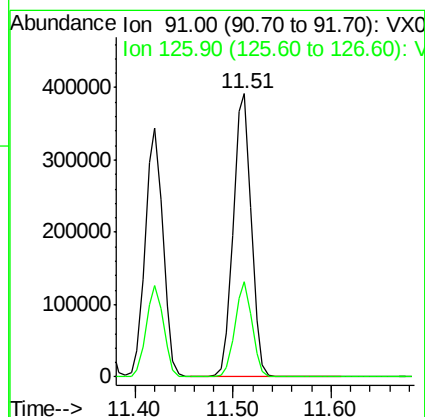
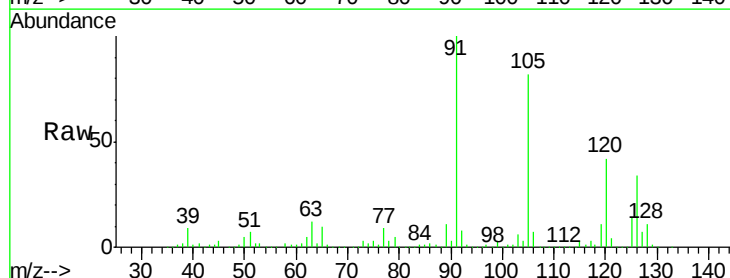
Acq: 14 Mar 2019 18:13

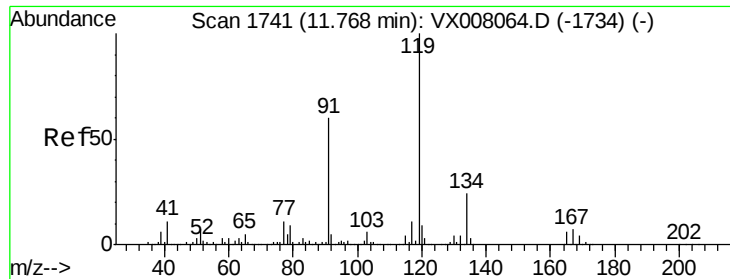
Tgt Ion: 91 Resp: 500076

Ion Ratio Lower Upper

91 100

126 32.0 15.6 46.8

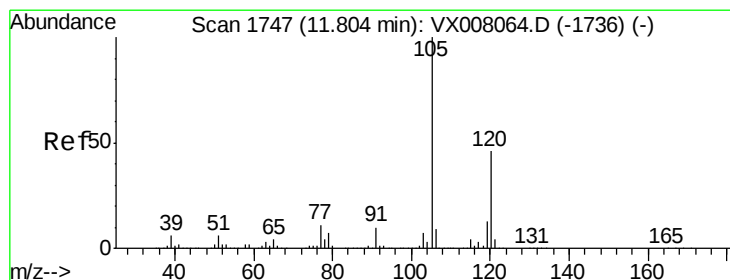
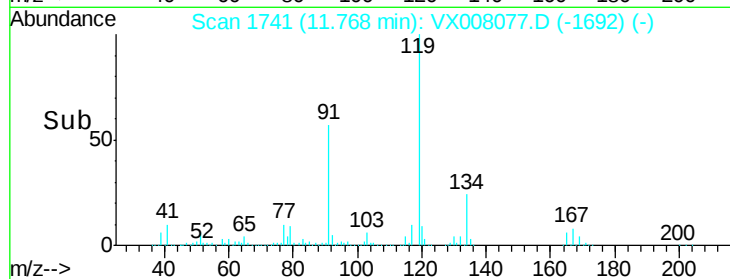
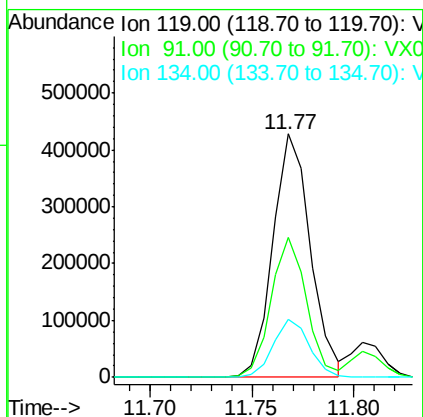
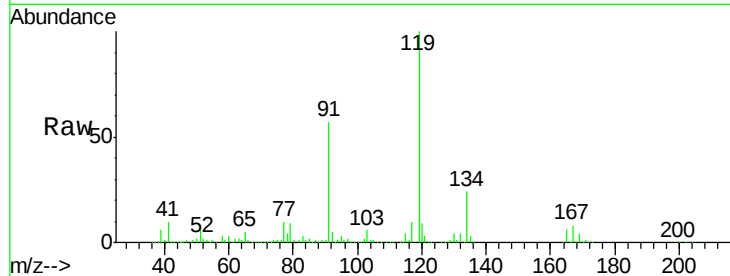




#83
tert-Butylbenzene
Concen: 51.418 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX008077.D
Acq: 14 Mar 2019 18:13

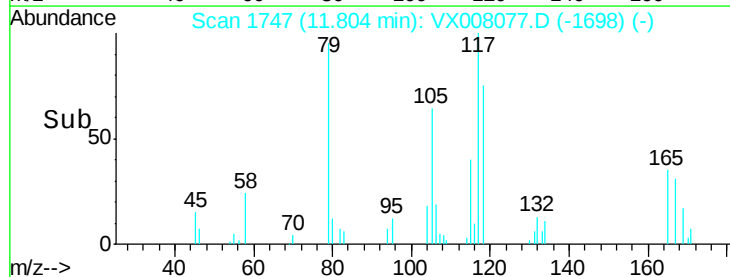
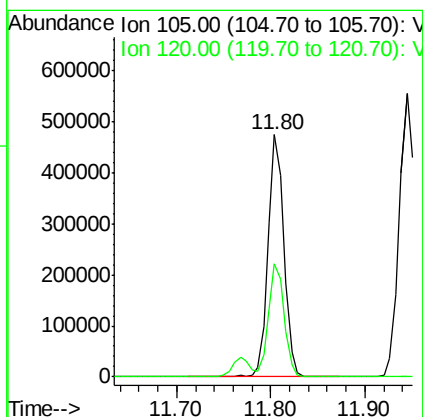
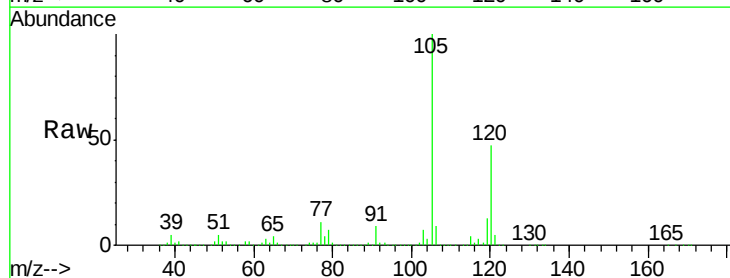
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

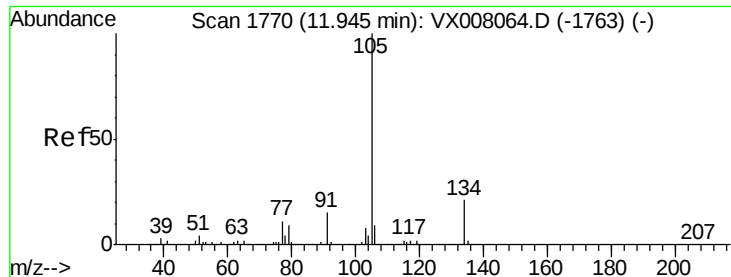
Tot Ion:119 Resp: 548011
Ion Ratio Lower Upper
119 100
91 54.5 27.1 81.3
134 23.1 11.4 34.1



#84
1,2,4-Trimethylbenzene
Concen: 51.425 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008077.D
Acq: 14 Mar 2019 18:13

Tgt Ion:105 Resp: 564157
Ion Ratio Lower Upper
105 100
120 45.8 22.6 67.7





#85

sec-Butylbenzene

Concen: 52.591 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008077.D

Acq: 14 Mar 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

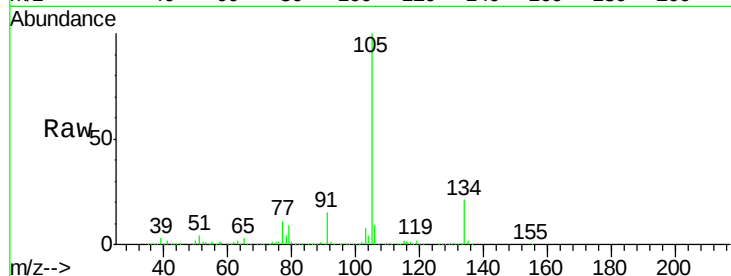
VSTDCCC050

Tot Ion:105 Resp: 667828

Ion Ratio Lower Upper

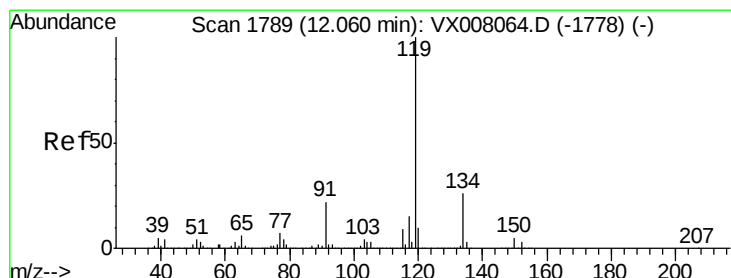
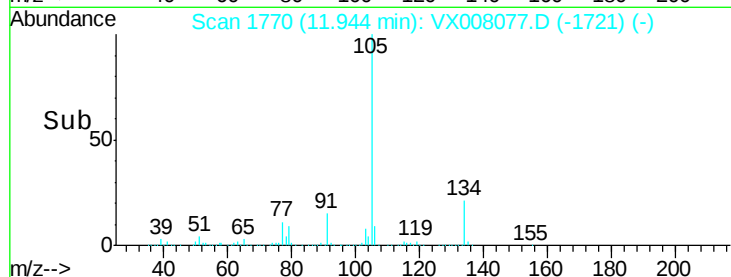
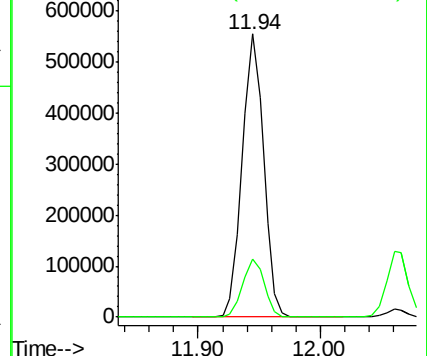
105 100

134 20.7 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.016 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008077.D

Acq: 14 Mar 2019 18:13

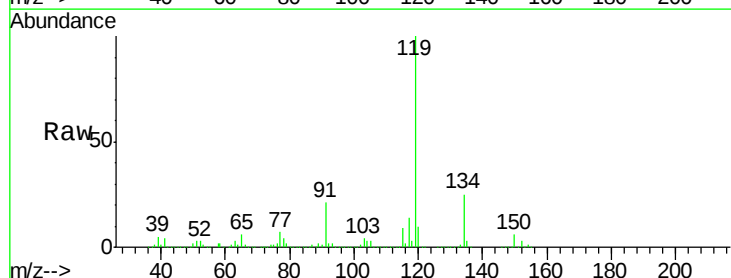
Tgt Ion:119 Resp: 608862

Ion Ratio Lower Upper

119 100

134 26.0 13.3 39.9

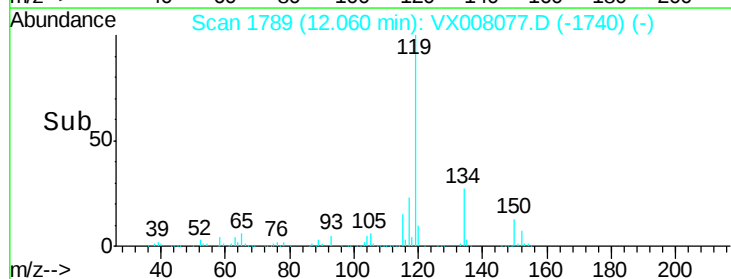
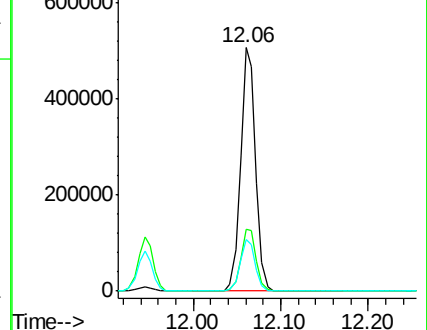
91 21.2 10.9 32.7

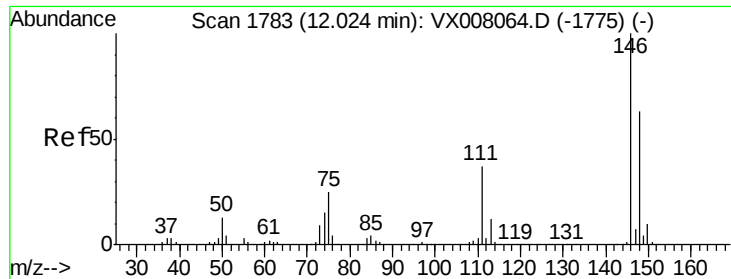


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

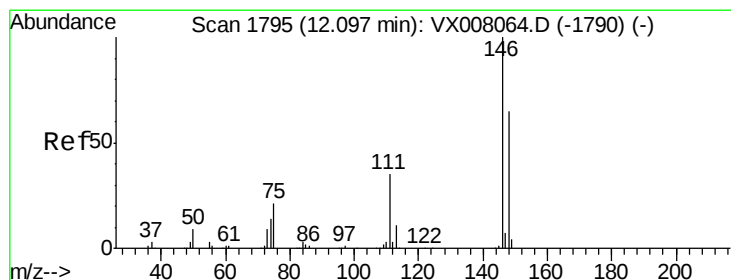
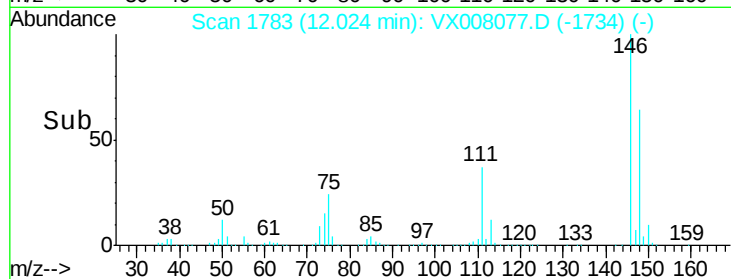
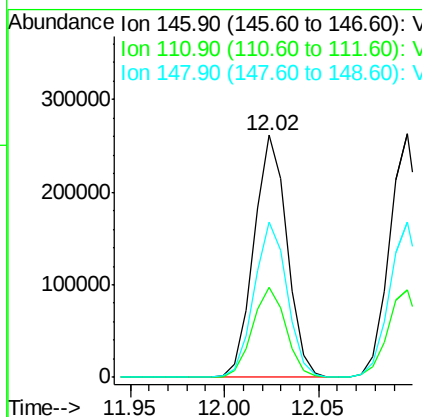
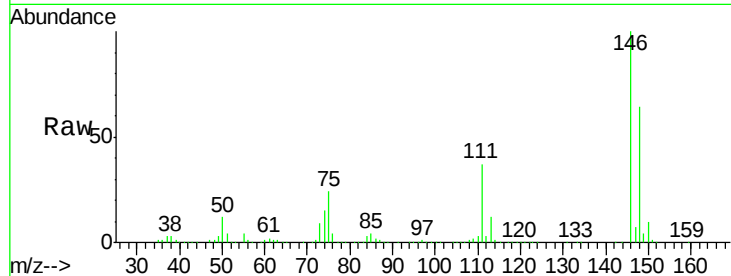




#87
 1,3-Dichlorobenzene
 Concen: 50.806 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008077.D
 Acq: 14 Mar 2019 18:13

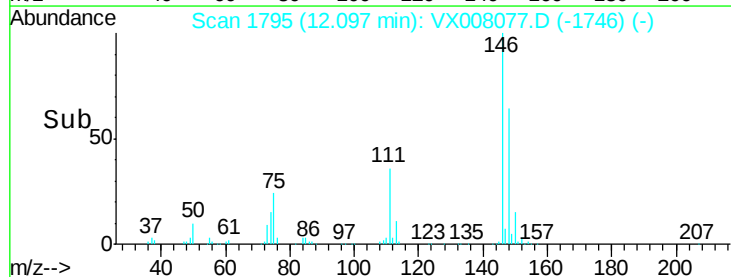
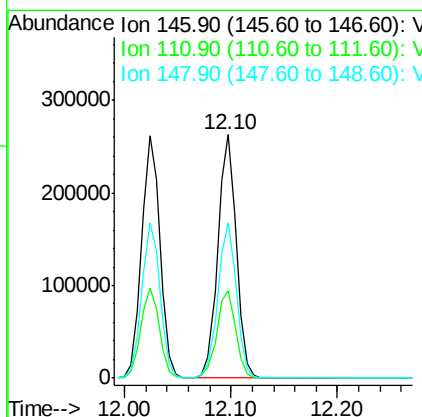
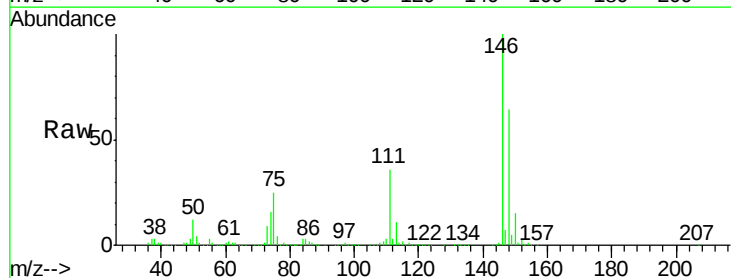
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

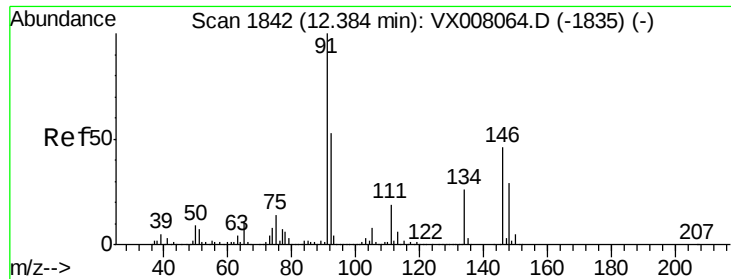
Tot Ion:146 Resp: 318549
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.9 56.7
 148 63.9 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 49.663 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008077.D
 Acq: 14 Mar 2019 18:13

Tgt Ion:146 Resp: 316186
 Ion Ratio Lower Upper
 146 100
 111 36.6 18.4 55.0
 148 64.3 32.2 96.6

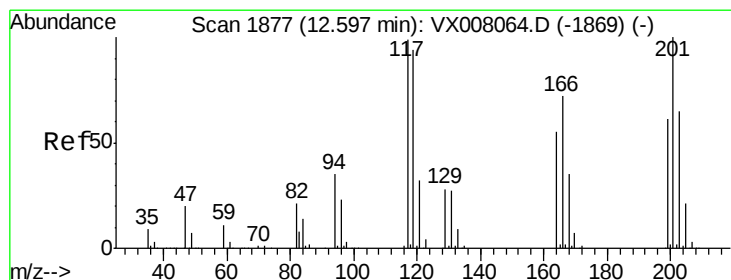
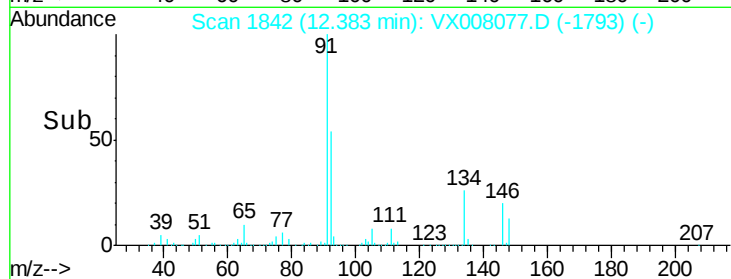
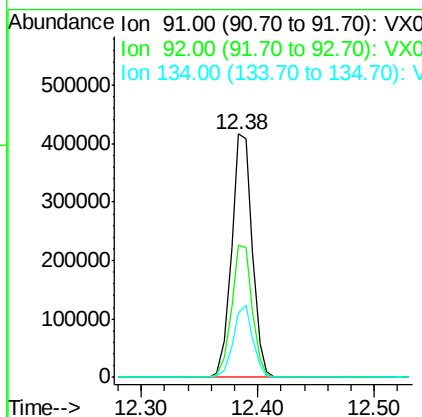
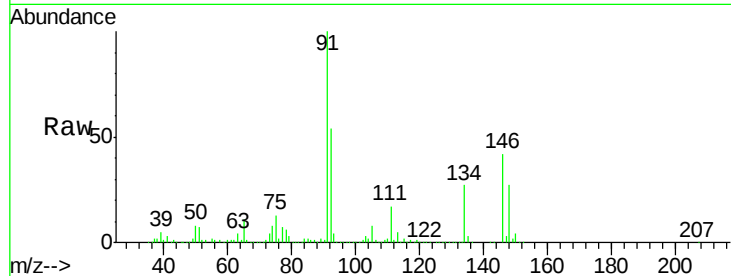




#89
n-Butylbenzene
Concen: 53.331 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008077.D
Acq: 14 Mar 2019 18:13

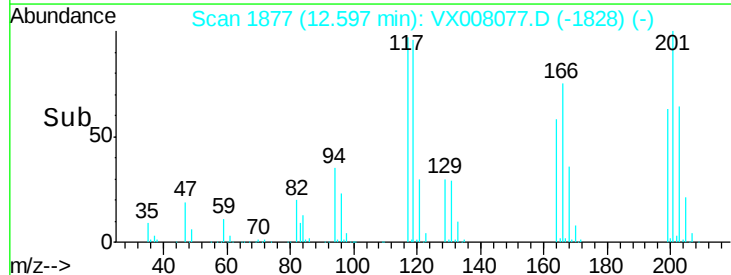
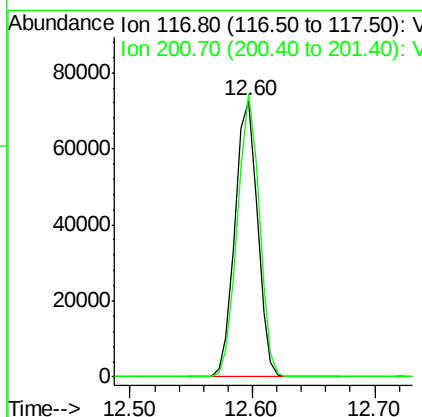
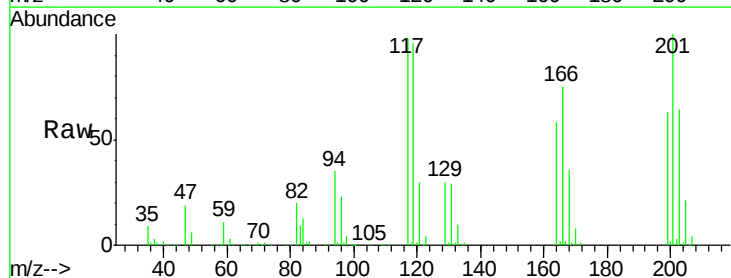
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

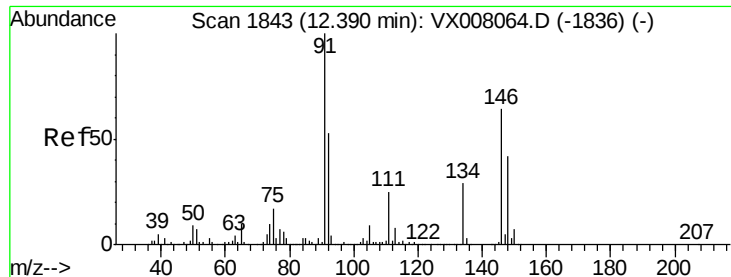
Tot Ion: 91 Resp: 512494
Ion Ratio Lower Upper
91 100
92 54.0 27.0 80.8
134 28.1 13.7 41.0



#90
Hexachloroethane
Concen: 50.152 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008077.D
Acq: 14 Mar 2019 18:13

Tgt Ion: 117 Resp: 92179
Ion Ratio Lower Upper
117 100
201 99.3 48.9 146.7

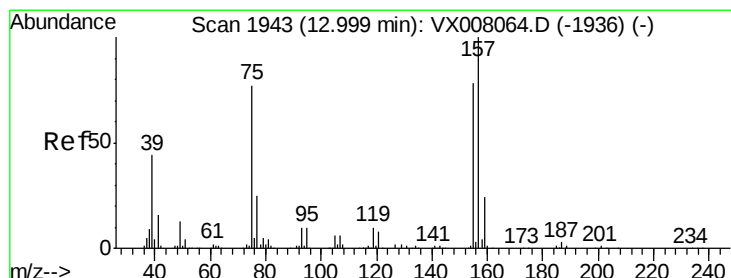
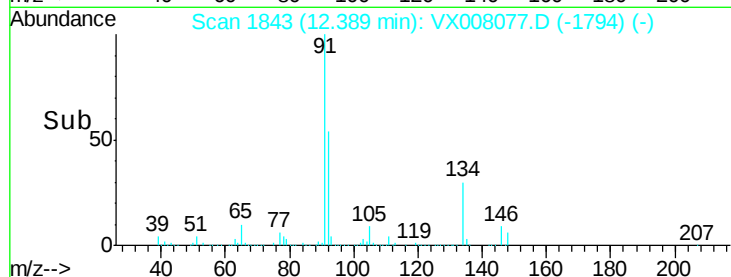
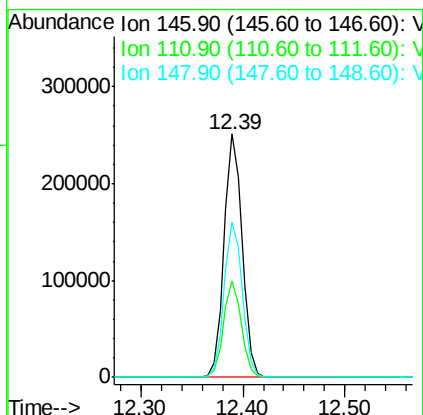
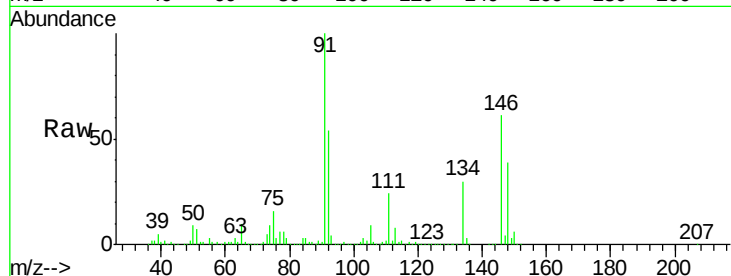




#91
1,2-Dichlorobenzene
Concen: 49.816 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX008077.D
Acq: 14 Mar 2019 18:13

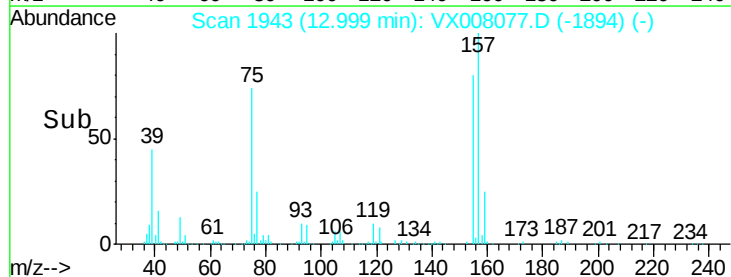
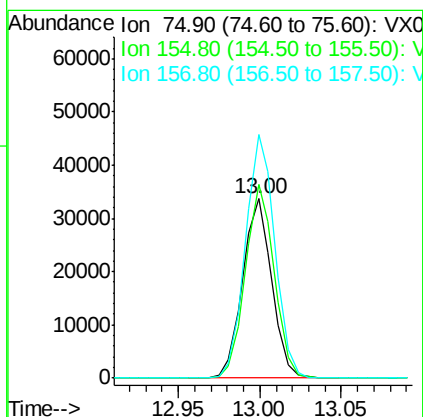
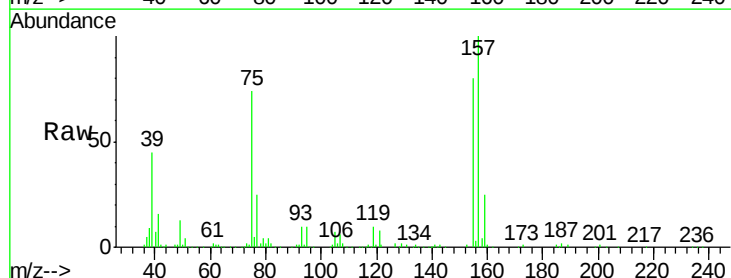
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

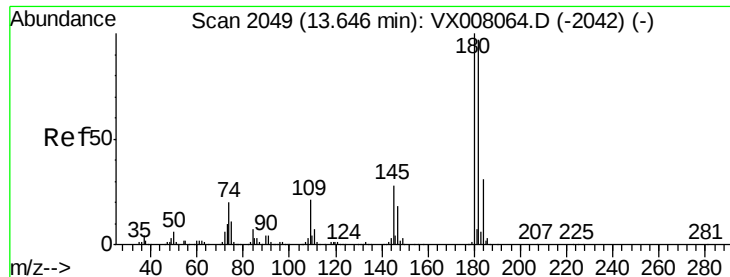
Tot Ion:146 Resp: 309886
Ion Ratio Lower Upper
146 100
111 38.8 19.6 58.8
148 64.0 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.915 ug/l
RT: 13.00 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VX008077.D
Acq: 14 Mar 2019 18:13

Tgt Ion: 75 Resp: 41823
Ion Ratio Lower Upper
75 100
155 107.5 49.7 149.1
157 137.8 63.8 191.4

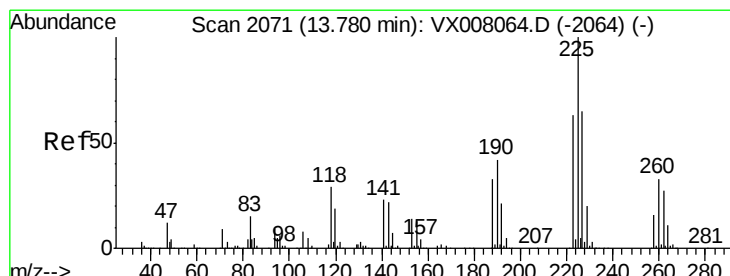
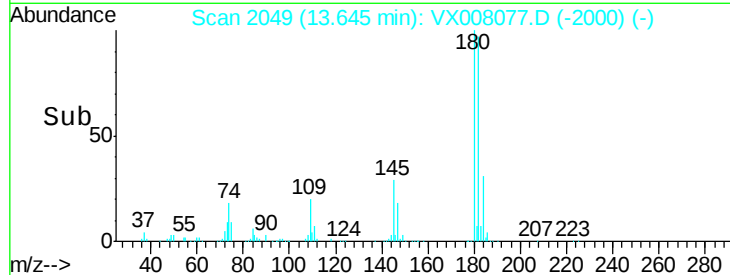
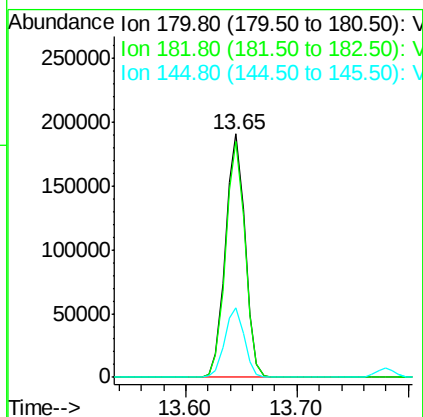
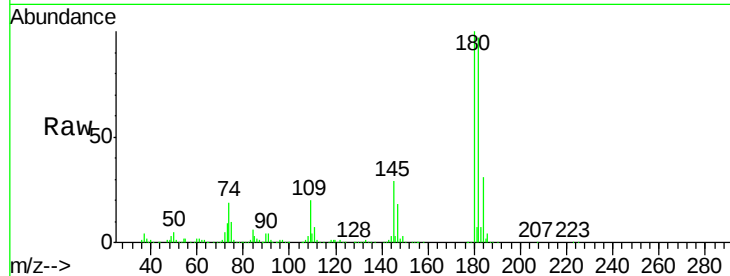




#93
 1,2,4-Trichlorobenzene
 Concen: 52.598 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008077.D
 Acq: 14 Mar 2019 18:13

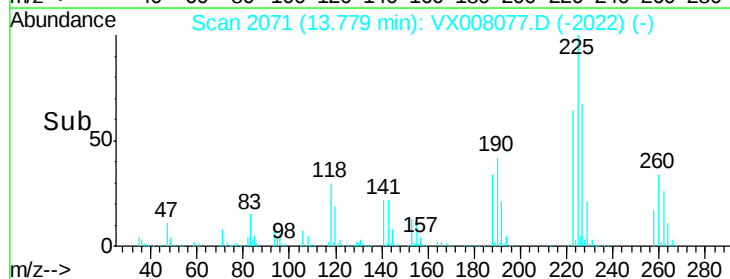
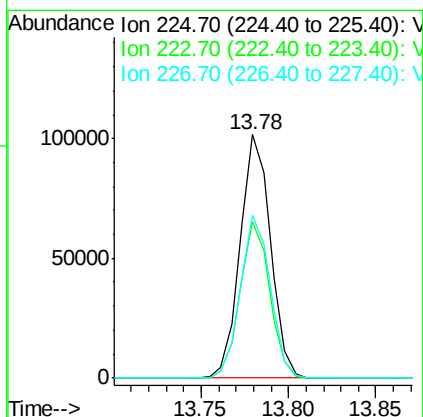
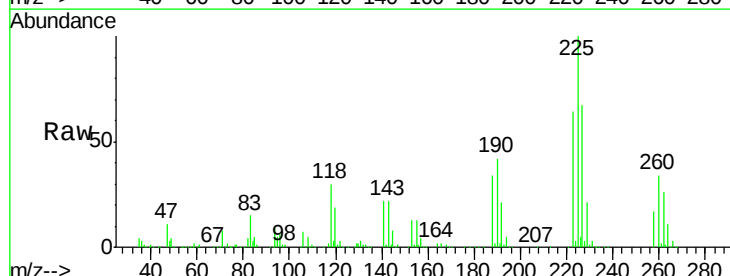
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

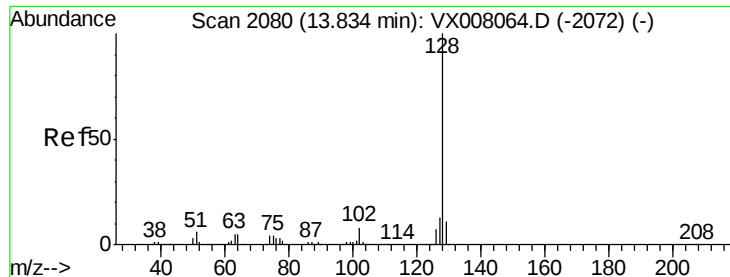
Tot Ion:180 Resp: 231769
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.9 143.7
 145 28.6 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 51.158 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008077.D
 Acq: 14 Mar 2019 18:13

Tgt Ion:225 Resp: 122476
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.1 93.2
 227 65.9 32.0 96.0

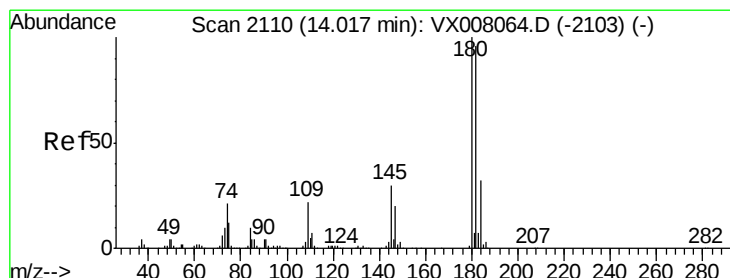
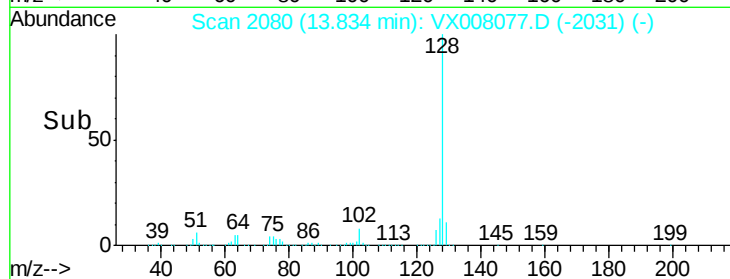
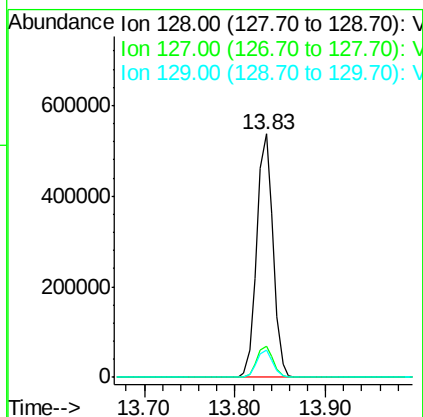
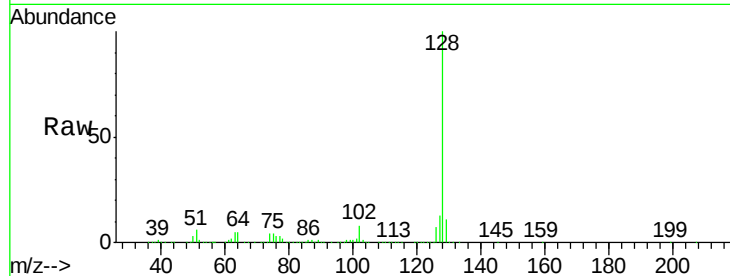




#95
Naphthalene
Concen: 53.769 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008077.D
Acq: 14 Mar 2019 18:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 666209
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 52.442 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX008077.D
Acq: 14 Mar 2019 18:13

Tgt Ion:180 Resp: 227486
Ion Ratio Lower Upper
180 100
182 96.5 47.5 142.5
145 30.4 14.8 44.3

