

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031919\
 Data File : VX008209.D
 Acq On : 19 Mar 2019 23:53
 Operator : JC/SP
 Sample : VX0319WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 20 07:15:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 06:51:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	287835	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	478846	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	428003	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	196886	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	213432	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	
35) Dibromofluoromethane	5.50	113	158801	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
50) Toluene-d8	8.71	98	618074	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
62) 4-Bromofluorobenzene	11.13	95	216840	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	73011	20.922	ug/l	100
3) Chloromethane	1.33	50	85600	19.548	ug/l	97
4) Vinyl Chloride	1.41	62	87626	20.071	ug/l	98
5) Bromomethane	1.64	94	66692	17.933	ug/l	99
6) Chloroethane	1.73	64	56408	20.606	ug/l	100
7) Trichlorofluoromethane	1.93	101	107224	19.244	ug/l	98
8) Diethyl Ether	2.19	74	61758	21.544	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	74332	20.094	ug/l	91
10) Methyl Iodide	2.51	142	98128	20.833	ug/l	97
11) Tert butyl alcohol	3.04	59	99630	107.357	ug/l	99
12) 1,1-Dichloroethene	2.38	96	73238	20.970	ug/l	93
13) Acrolein	2.29	56	56816	79.837	ug/l	96
14) Allyl chloride	2.73	41	156263	20.554	ug/l	93
15) Acrylonitrile	3.14	53	262062	106.762	ug/l	99
16) Acetone	2.45	43	231437	94.130	ug/l	97
17) Carbon Disulfide	2.57	76	224029	20.062	ug/l	99
18) Methyl Acetate	2.78	43	128114	22.507	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	266049	21.069	ug/l	97
20) Methylene Chloride	2.86	84	84614	20.638	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	77879	20.642	ug/l	95
22) Diisopropyl ether	3.86	45	313793	21.074	ug/l	# 89
23) Vinyl Acetate	3.82	43	1362313	106.716	ug/l	97
24) 1,1-Dichloroethane	3.70	63	162787	21.257	ug/l	99
25) 2-Butanone	4.67	43	378941	104.410	ug/l	95
26) 2,2-Dichloropropane	4.59	77	98276	17.035	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	89613	20.835	ug/l	94
28) Bromochloromethane	5.02	49	63450	18.451	ug/l	# 82
29) Tetrahydrofuran	5.13	42	248994	109.746	ug/l	97
30) Chloroform	5.21	83	150529	21.013	ug/l	96
31) Cyclohexane	5.59	56	147717	20.541	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	125759	21.104	ug/l	96
36) 1,1-Dichloropropene	5.81	75	116232	20.849	ug/l	96
37) Ethyl Acetate	4.84	43	144782	21.969	ug/l	98
38) Carbon Tetrachloride	5.79	117	101993	20.533	ug/l	99

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 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 20 07:15:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 06:51:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	130901	19.511	ug/l	93
40) Benzene	6.15	78	350106	21.217	ug/l	99
41) Methacrylonitrile	5.05	41	80250	21.709	ug/l	97
42) 1,2-Dichloroethane	6.20	62	129195	21.373	ug/l	96
43) Isopropyl Acetate	6.45	43	226528	21.445	ug/l	97
44) Trichloroethene	7.21	130	84597	20.968	ug/l	90
45) 1,2-Dichloropropane	7.51	63	97469	21.101	ug/l	99
46) Dibromomethane	7.66	93	57483	20.553	ug/l	87
47) Bromodichloromethane	7.90	83	109722	20.585	ug/l	97
48) Methyl methacrylate	7.77	41	119784	21.326	ug/l	93
49) 1,4-Dioxane	7.74	88	42000	423.743	ug/l #	93
51) 4-Methyl-2-Pentanone	8.64	43	755592	110.642	ug/l	98
52) Toluene	8.79	92	207874	21.235	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	119283	18.784	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	133318	20.154	ug/l #	91
55) 1,1,2-Trichloroethane	9.21	97	84944	21.476	ug/l	96
56) Ethyl methacrylate	9.18	69	139986	20.491	ug/l #	92
57) 1,3-Dichloropropane	9.37	76	150807	21.554	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	310796	95.906	ug/l	94
59) 2-Hexanone	9.49	43	579670	110.253	ug/l	95
60) Dibromochloromethane	9.58	129	80581	21.199	ug/l	97
61) 1,2-Dibromoethane	9.67	107	87729	21.242	ug/l	99
64) Tetrachloroethene	9.34	164	82052	21.249	ug/l	98
65) Chlorobenzene	10.13	112	217191	20.623	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	76123	20.731	ug/l	99
67) Ethyl Benzene	10.25	91	383573	20.668	ug/l	97
68) m/p-Xylenes	10.36	106	282362	41.419	ug/l	93
69) o-Xylene	10.69	106	138985	20.981	ug/l	94
70) Styrene	10.71	104	226514	21.040	ug/l	96
71) Bromoform	10.85	173	58594	19.907	ug/l #	100
73) Isopropylbenzene	11.02	105	370421	21.107	ug/l	98
74) N-amyl acetate	10.90	43	194347	21.137	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	133089	21.149	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	155197	28.026	ug/l	91
77) Bromobenzene	11.26	156	88825	20.934	ug/l	86
78) n-propylbenzene	11.36	91	424603	20.831	ug/l	96
79) 2-Chlorotoluene	11.42	91	255868	20.914	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	302012	20.830	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	37503	18.206	ug/l	88
82) 4-Chlorotoluene	11.51	91	292166	20.523	ug/l	95
83) tert-Butylbenzene	11.77	119	284129	20.526	ug/l	91
84) 1,2,4-Trimethylbenzene	11.80	105	310023	21.092	ug/l	97
85) sec-Butylbenzene	11.94	105	357413	20.850	ug/l	97
86) p-Isopropyltoluene	12.06	119	307821	20.745	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	157338	20.748	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	155762	19.858	ug/l	97
89) n-Butylbenzene	12.38	91	276466	19.851	ug/l	96
90) Hexachloroethane	12.60	117	51967	20.564	ug/l	83
91) 1,2-Dichlorobenzene	12.39	146	156226	20.432	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	28201	20.177	ug/l	79

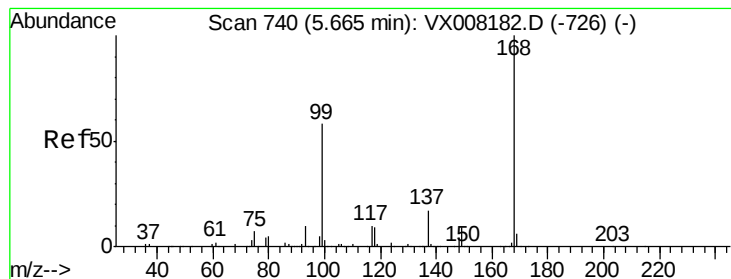
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031919\
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Quant Time: Mar 20 07:15:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 20 06:51:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	99775	19.811	ug/l	98
94) Hexachlorobutadiene	13.78	225	49179	20.022	ug/l	99
95) Naphthalene	13.83	128	332719	20.931	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	101570	20.496	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX008209.D

Acq: 19 Mar 2019 23:53

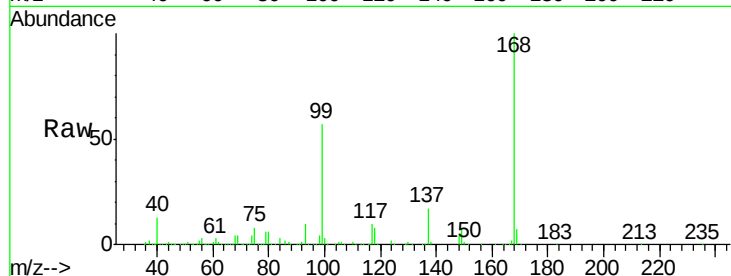
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 287835

Ion Ratio Lower Upper

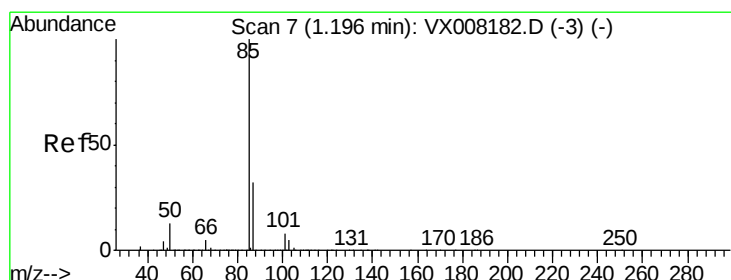
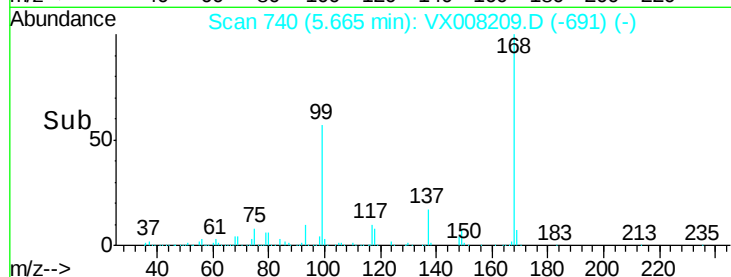
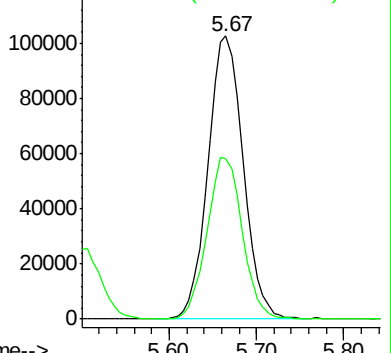
168 100

99 56.5 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 20.922 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX008209.D

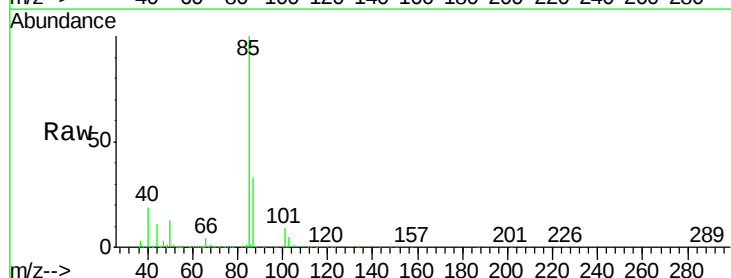
Acq: 19 Mar 2019 23:53

Tgt Ion: 85 Resp: 73011

Ion Ratio Lower Upper

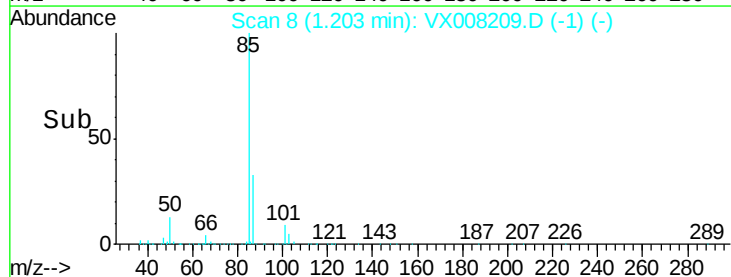
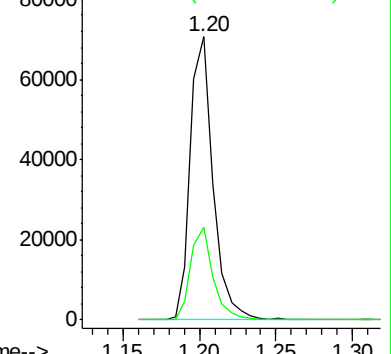
85 100

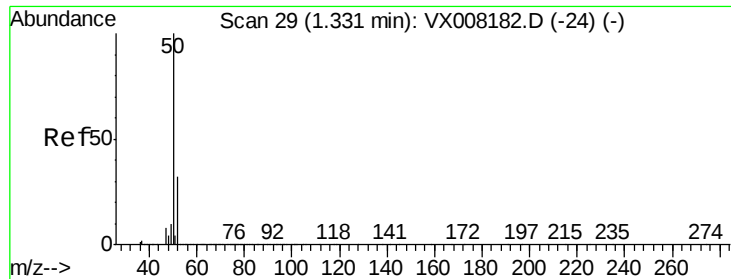
87 32.5 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.548 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX008209.D

Acq: 19 Mar 2019 23:53

Instrument :

MSVOA_X

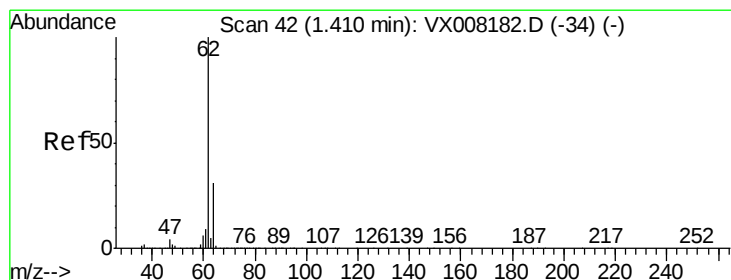
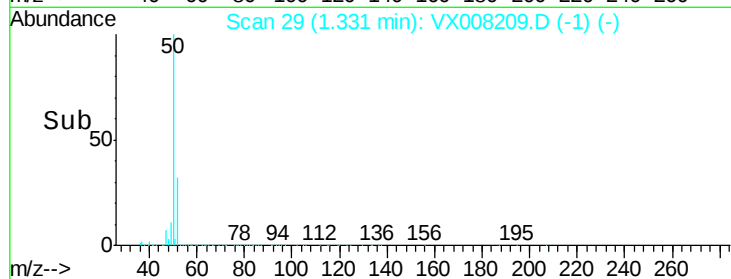
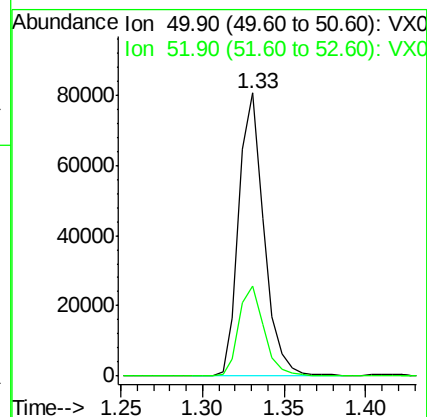
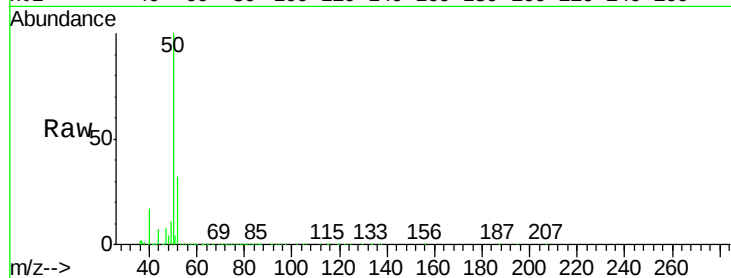
ClientSampled :

Tot Ion: 50 Resp: 85600

Ion Ratio Lower Upper

50 100

52 31.6 26.5 39.7



#4

Vinyl Chloride

Concen: 20.071 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008209.D

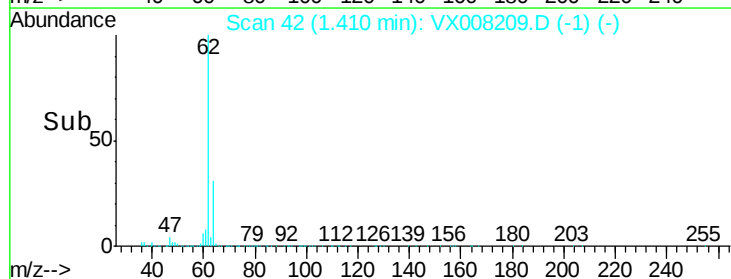
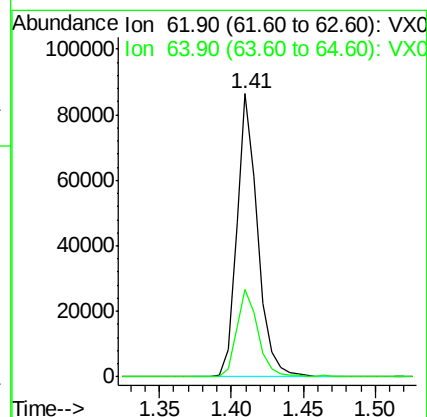
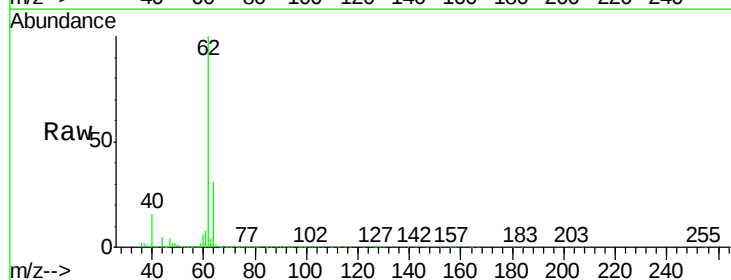
Acq: 19 Mar 2019 23:53

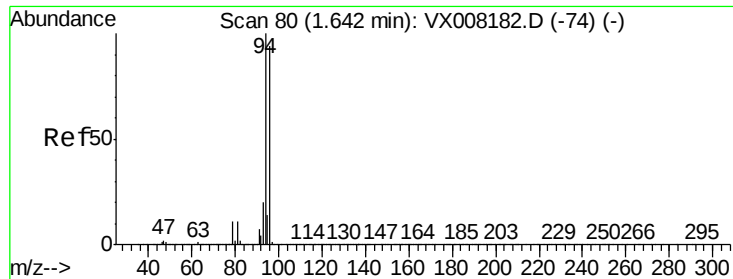
Tgt Ion: 62 Resp: 87626

Ion Ratio Lower Upper

62 100

64 30.6 25.3 37.9





#5

Bromomethane

Concen: 17.933 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX008209.D

Acq: 19 Mar 2019 23:53

Instrument :

MSVOA_X

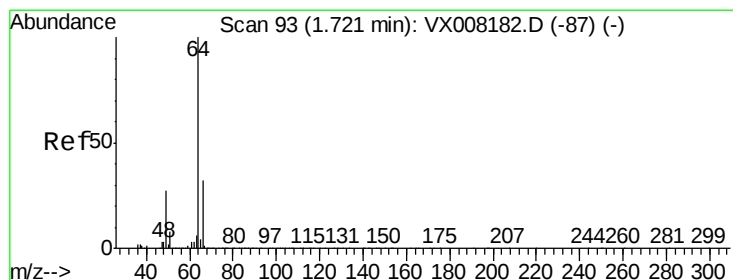
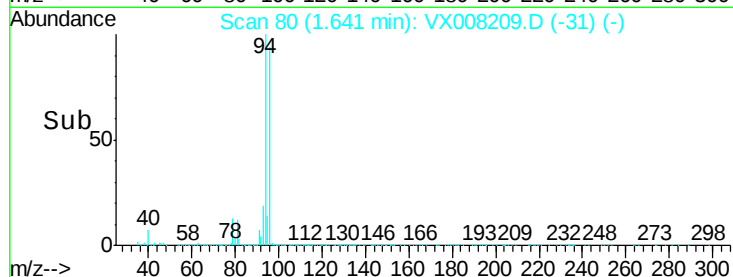
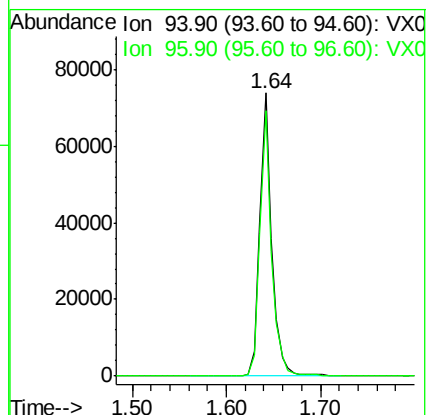
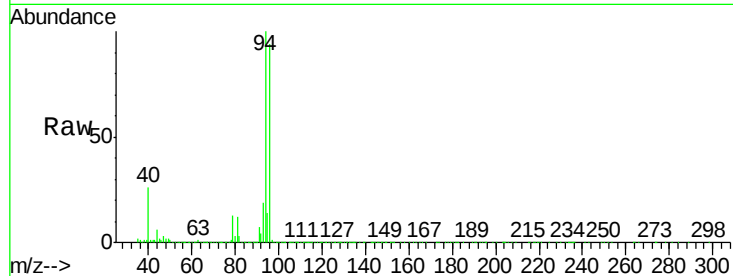
ClientSampleId :

Tot Ion: 94 Resp: 66692

Ion Ratio Lower Upper

94 100

96 93.6 75.5 113.3



#6

Chloroethane

Concen: 20.606 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX008209.D

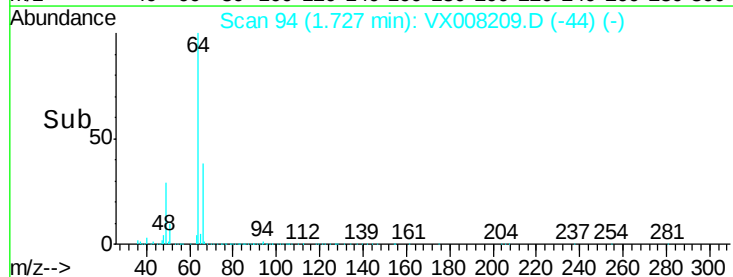
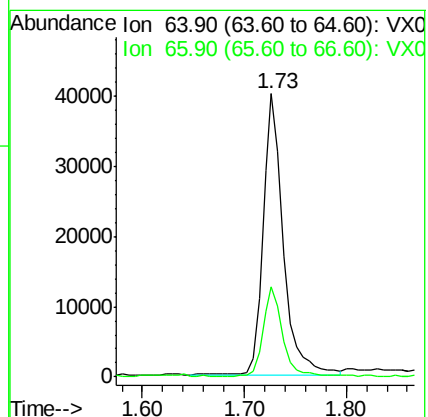
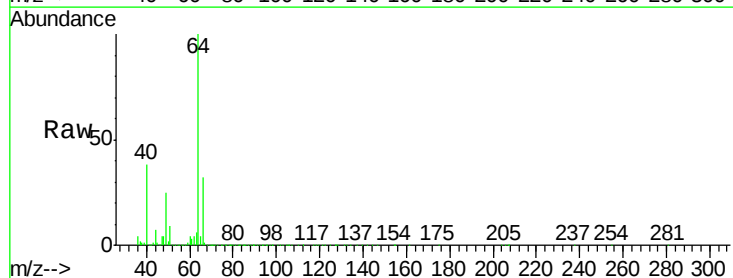
Acq: 19 Mar 2019 23:53

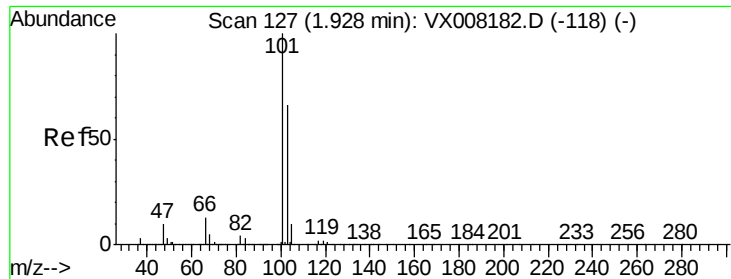
Tgt Ion: 64 Resp: 56408

Ion Ratio Lower Upper

64 100

66 31.7 25.2 37.8



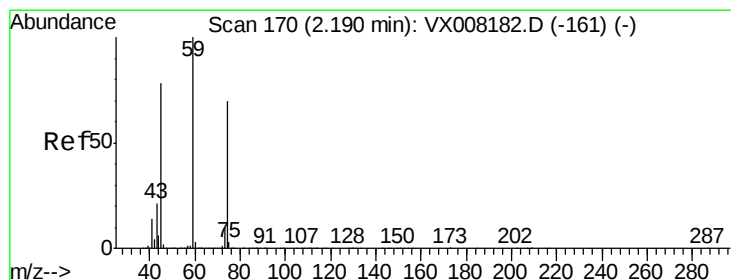
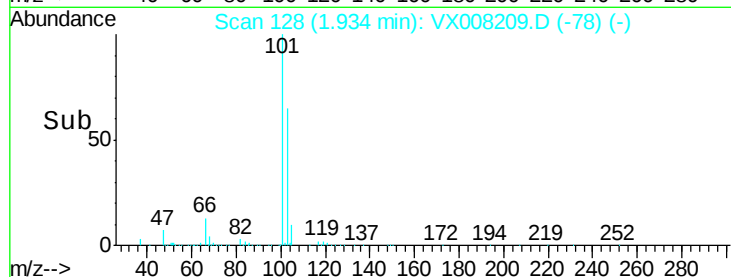
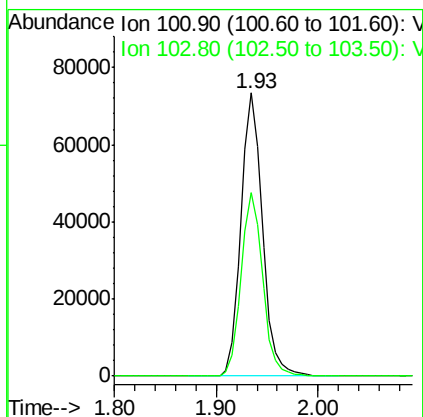
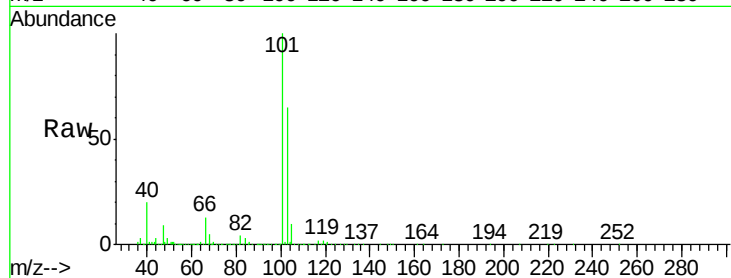


#7

Trichlorofluoromethane
Concen: 19.244 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX008209.D
Acq: 19 Mar 2019 23:53

Instrument :
MSVOA_X
ClientSampleId :

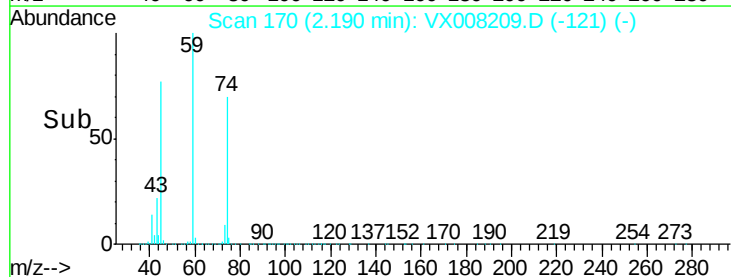
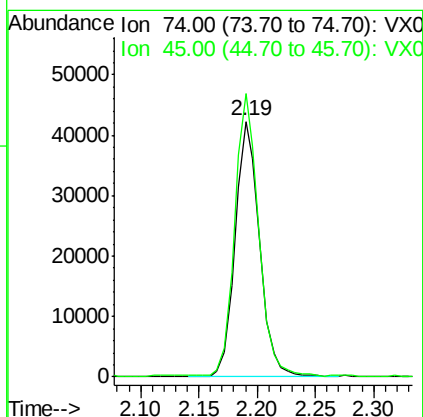
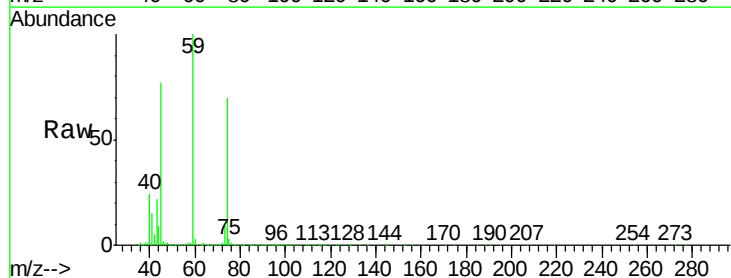
Tot Ion:101 Resp: 107224
Ion Ratio Lower Upper
101 100
103 64.8 50.4 75.6

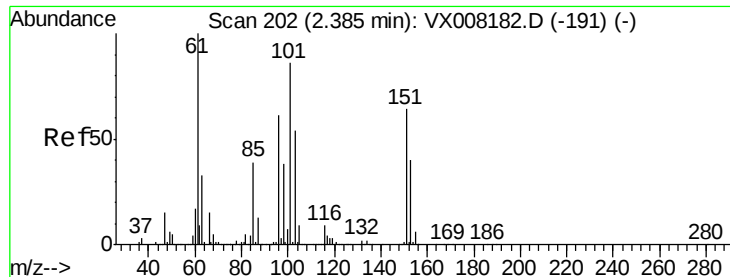


#8

Diethyl Ether
Concen: 21.544 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX008209.D
Acq: 19 Mar 2019 23:53

Tgt Ion: 74 Resp: 61758
Ion Ratio Lower Upper
74 100
45 107.4 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.094 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX008209.D

Acq: 19 Mar 2019 23:53

Instrument :
MSVOA_X
ClientSampled :

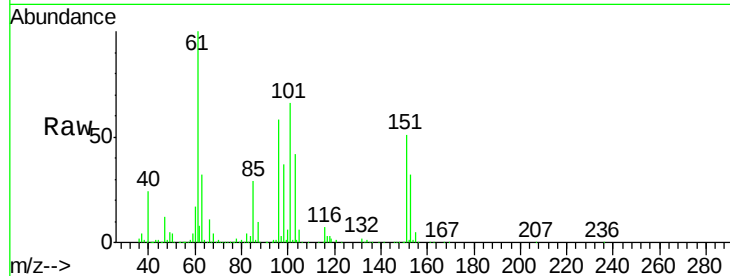
Tot Ion:101 Resp: 74332

Ion Ratio Lower Upper

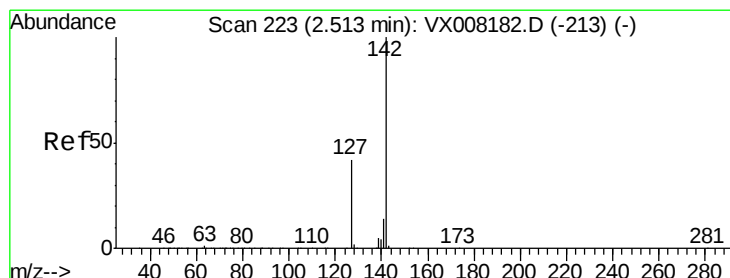
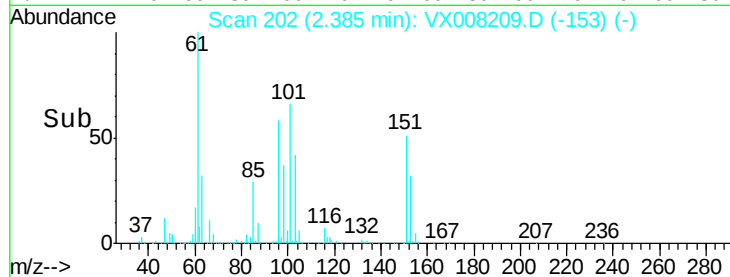
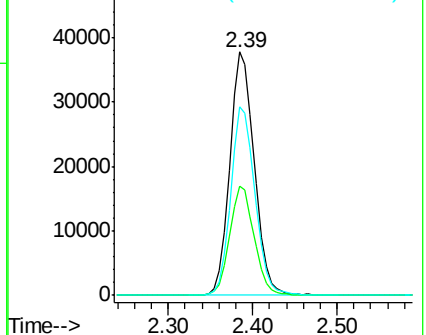
101 100

85 45.3 33.8 50.6

151 76.7 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: 20.833 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX008209.D

Acq: 19 Mar 2019 23:53

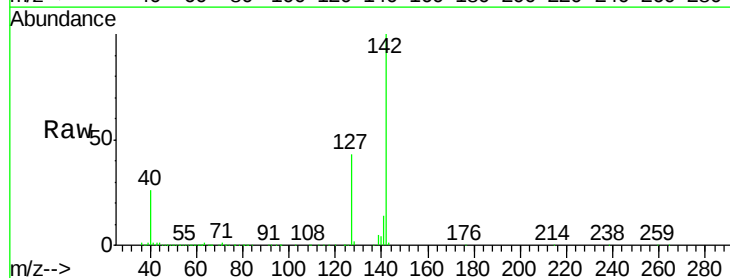
Tgt Ion:142 Resp: 98128

Ion Ratio Lower Upper

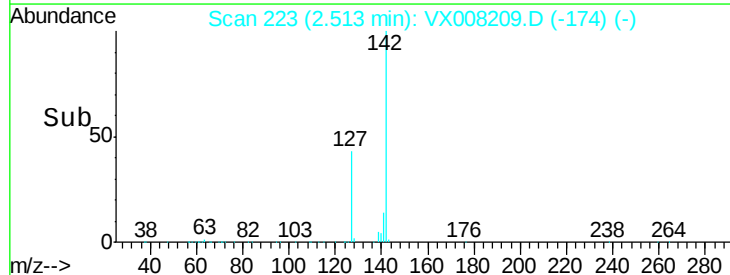
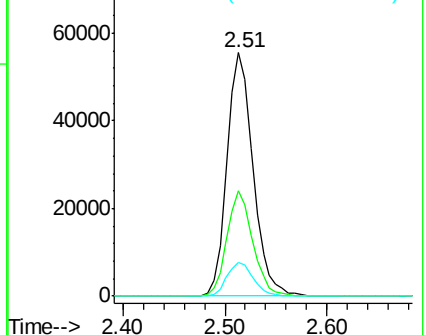
142 100

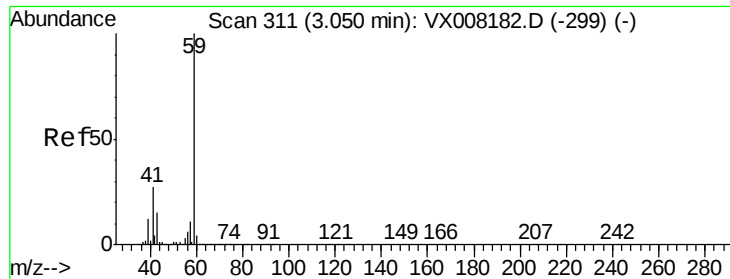
127 42.9 32.1 48.1

141 14.2 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



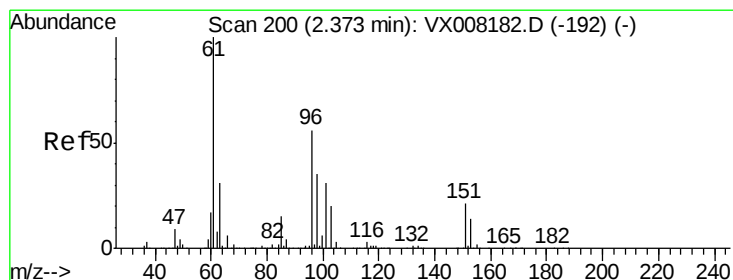
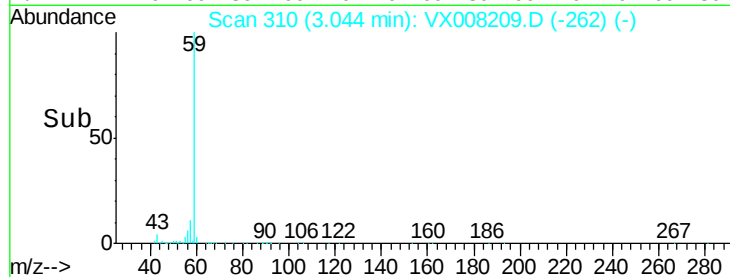
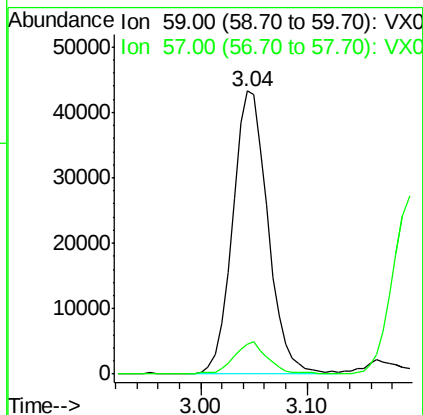
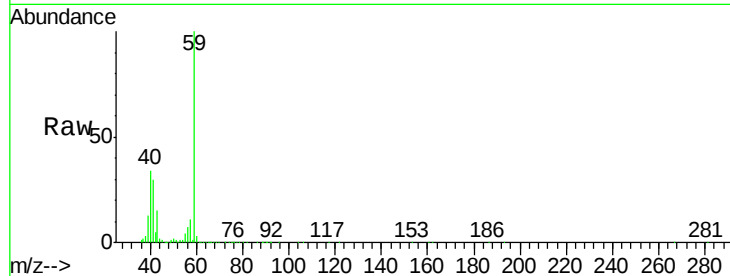


#11

Tert butyl alcohol
Concen: 107.357 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX008209.D
Acq: 19 Mar 2019 23:53

Instrument :
MSVOA_X
ClientSampleId :

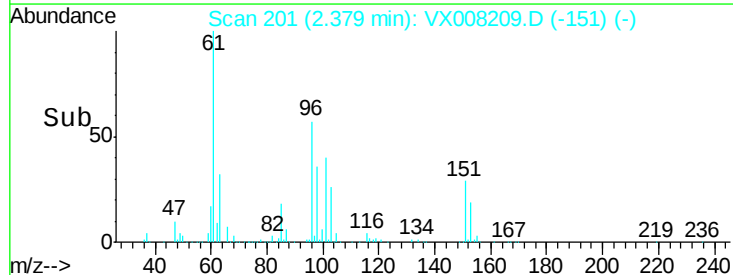
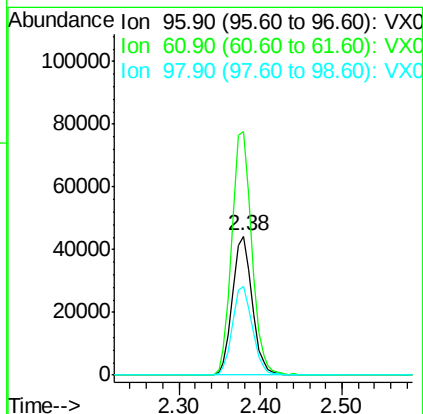
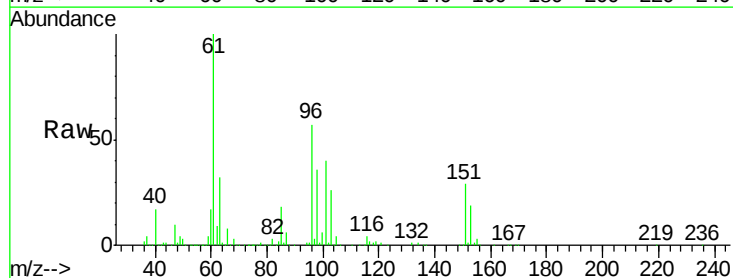
Tot Ion: 59 Resp: 99630
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.2

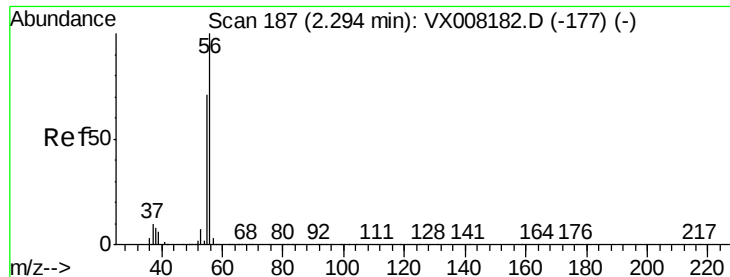


#12

1,1-Dichloroethene
Concen: 20.970 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX008209.D
Acq: 19 Mar 2019 23:53

Tgt Ion: 96 Resp: 73238
Ion Ratio Lower Upper
96 100
61 175.3 129.8 194.6
98 63.6 51.0 76.6





#13

Acrolein

Concen: 79.837 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008209.D

Acq: 19 Mar 2019 23:53

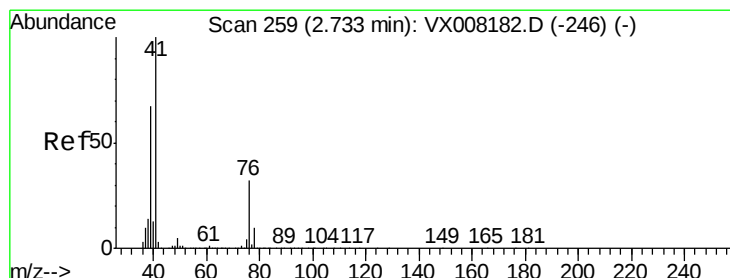
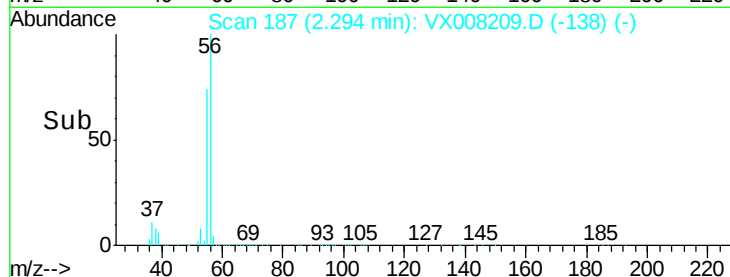
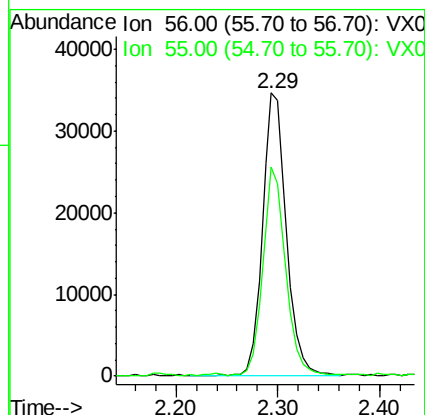
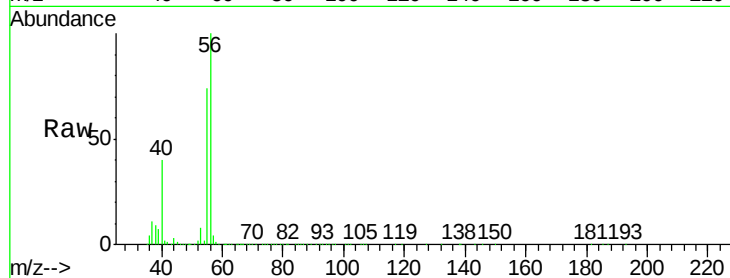
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 56816

Ion Ratio Lower Upper

56 100

55 69.1 57.8 86.6



#14

Allyl chloride

Concen: 20.554 ug/l

RT: 2.73 min Scan# 259

Delta R.T. -0.00 min

Lab File: VX008209.D

Acq: 19 Mar 2019 23:53

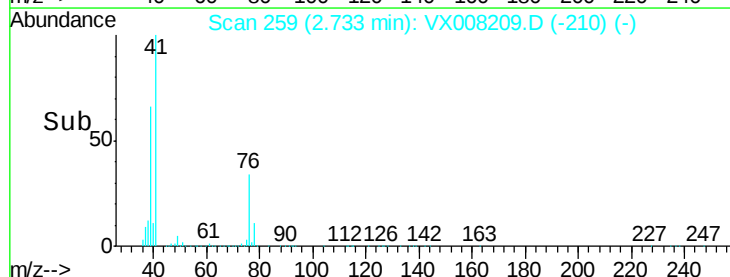
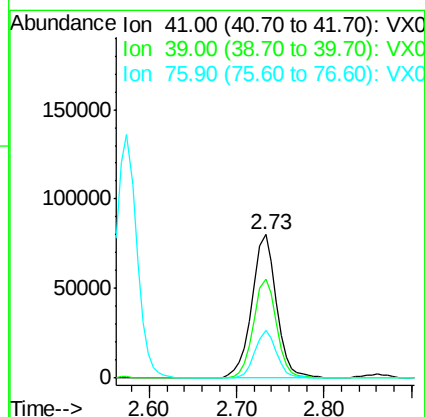
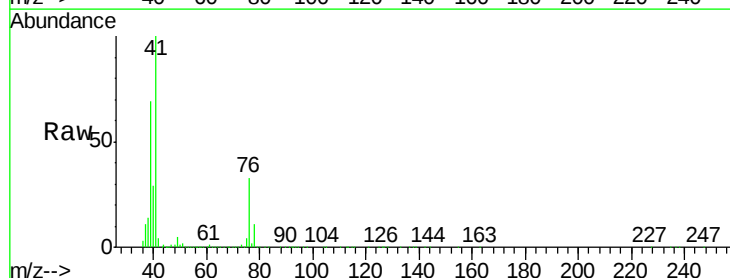
Tgt Ion: 41 Resp: 156263

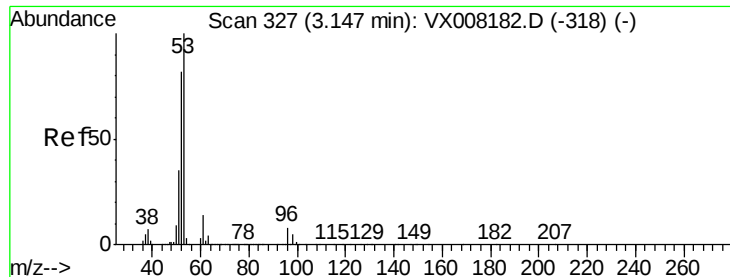
Ion Ratio Lower Upper

41 100

39 65.2 46.1 69.1

76 29.1 24.0 36.0





#15

Acrylonitrile

Concen: 106.762 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008209.D

Acq: 19 Mar 2019 23:53

Instrument :

MSVOA_X

ClientSampleId :

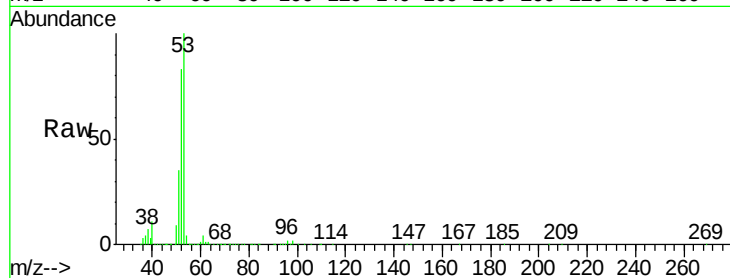
Tot Ion: 53 Resp: 262062

Ion Ratio Lower Upper

53 100

52 83.7 66.0 99.0

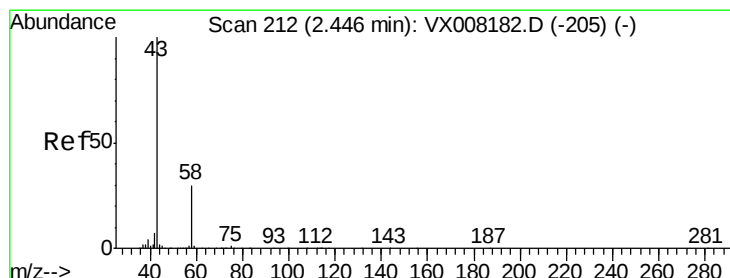
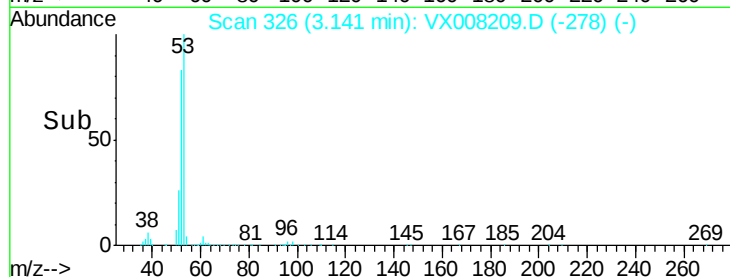
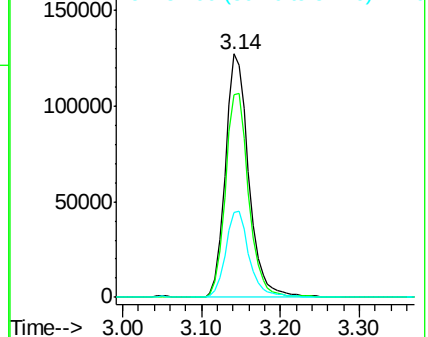
51 35.9 28.0 42.0



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 94.130 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008209.D

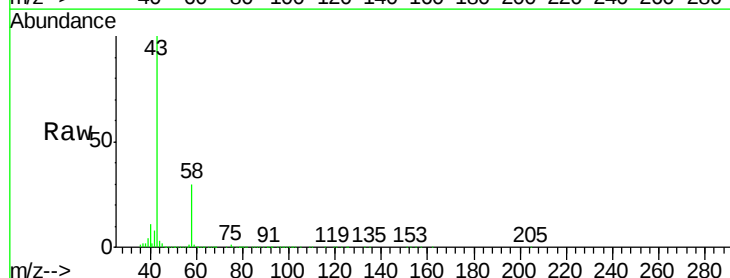
Acq: 19 Mar 2019 23:53

Tgt Ion: 43 Resp: 231437

Ion Ratio Lower Upper

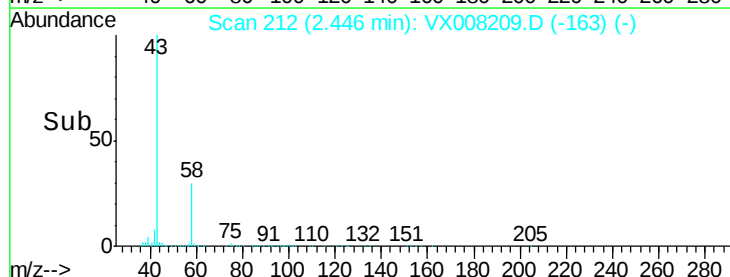
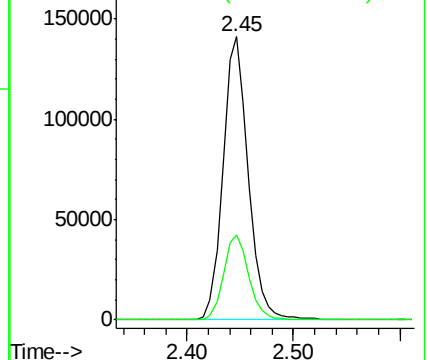
43 100

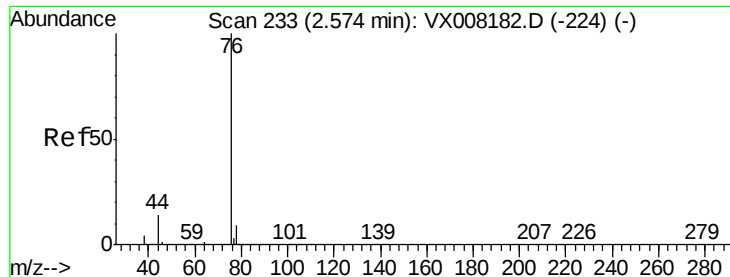
58 30.0 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 20.062 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX008209.D

Acq: 19 Mar 2019 23:53

Instrument :

MSVOA_X

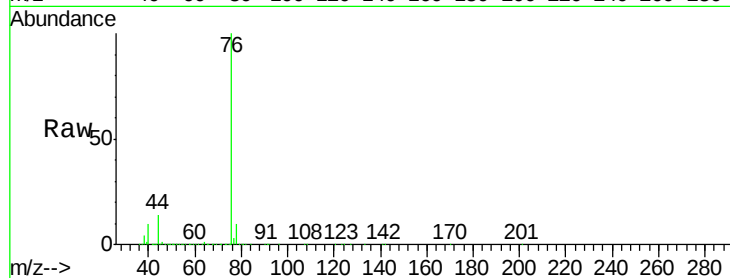
ClientSampled :

Tot Ion: 76 Resp: 224029

Ion Ratio Lower Upper

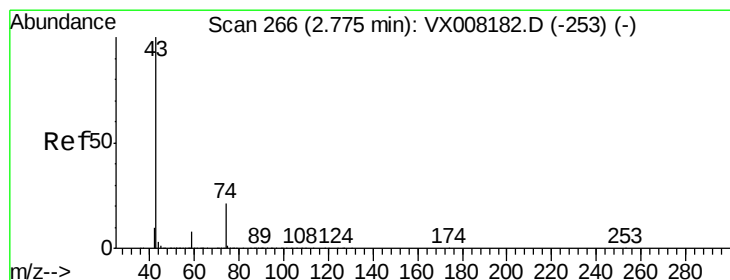
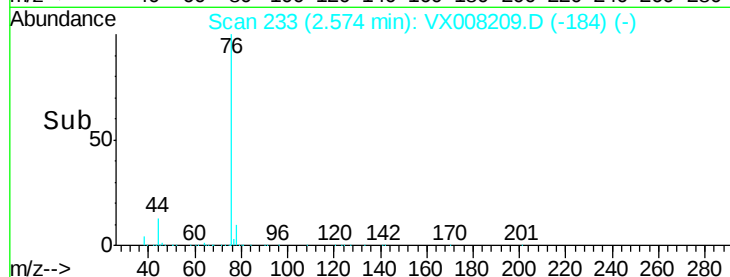
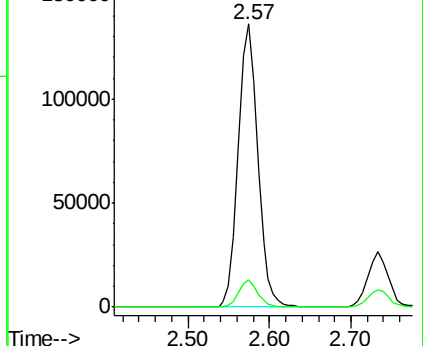
76 100

78 9.5 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 22.507 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX008209.D

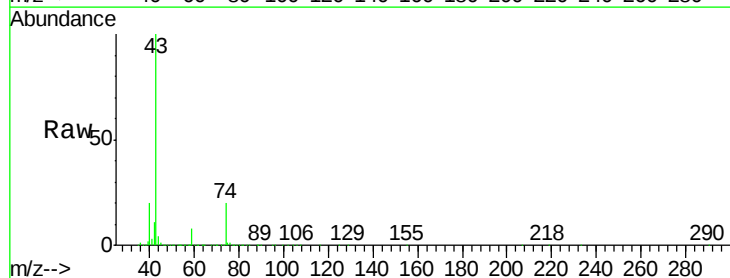
Acq: 19 Mar 2019 23:53

Tgt Ion: 43 Resp: 128114

Ion Ratio Lower Upper

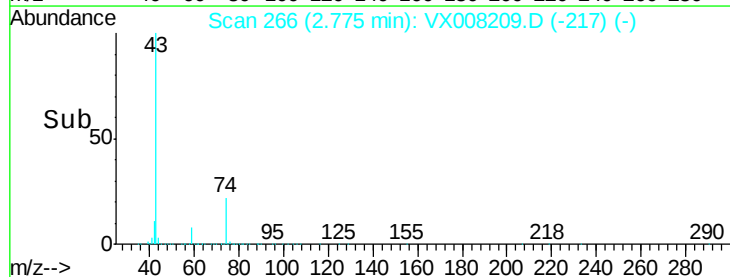
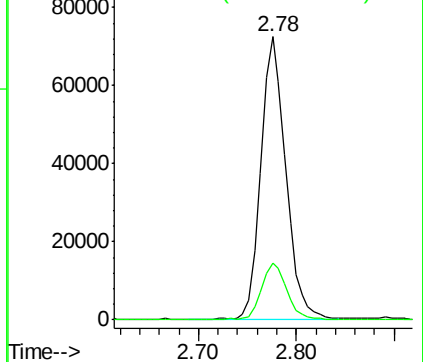
43 100

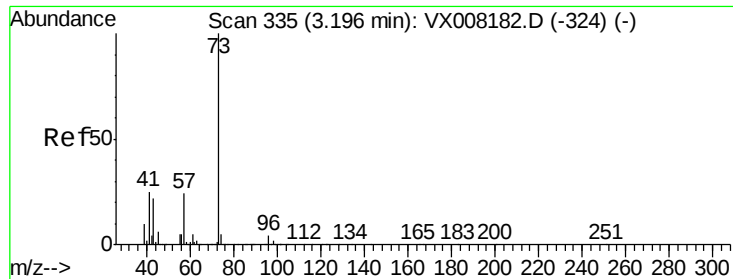
74 20.9 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

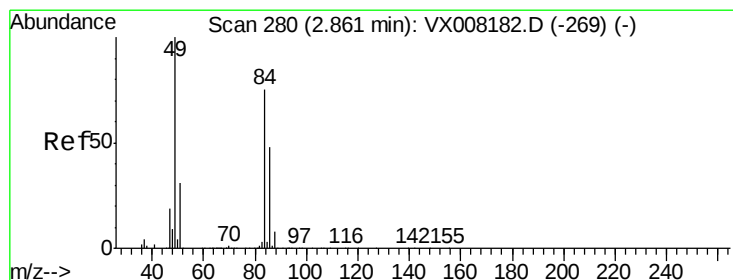
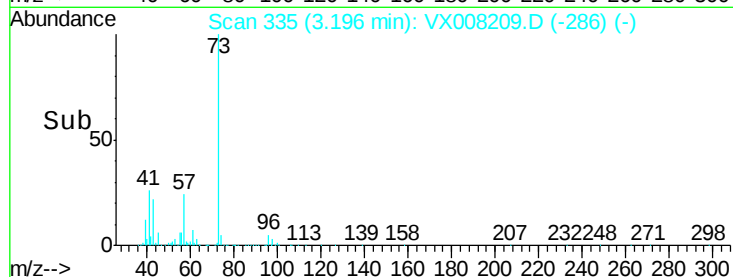
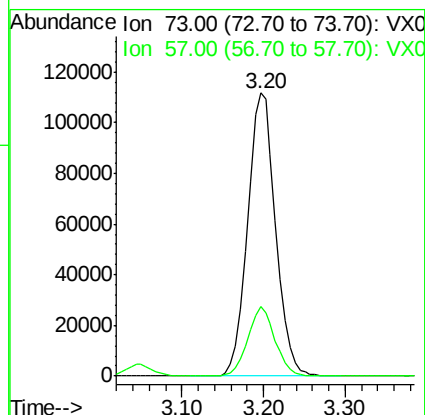
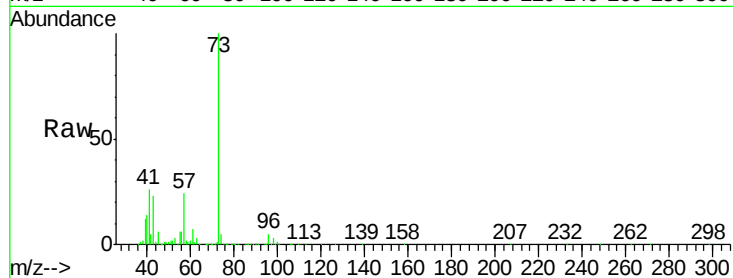




#19
Methyl tert-butyl Ether
Concen: 21.069 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX008209.D
Acq: 19 Mar 2019 23:53

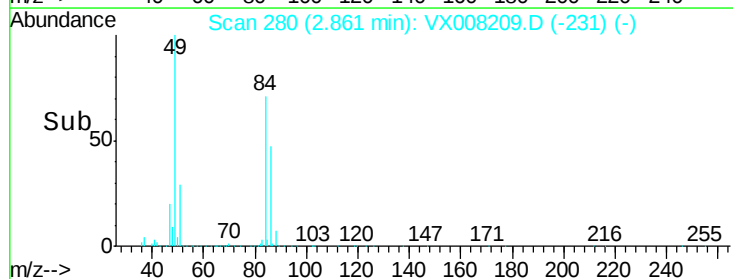
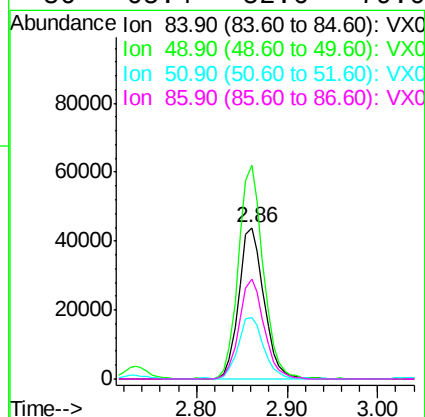
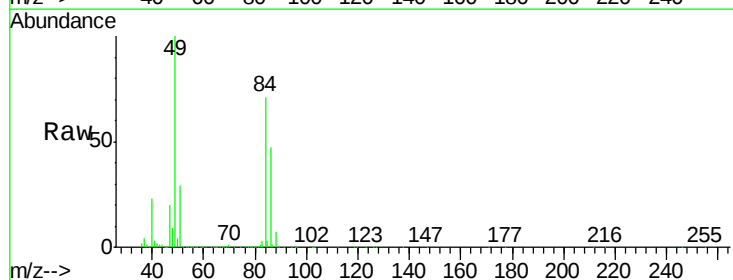
Instrument :
MSVOA_X
ClientSampleId :

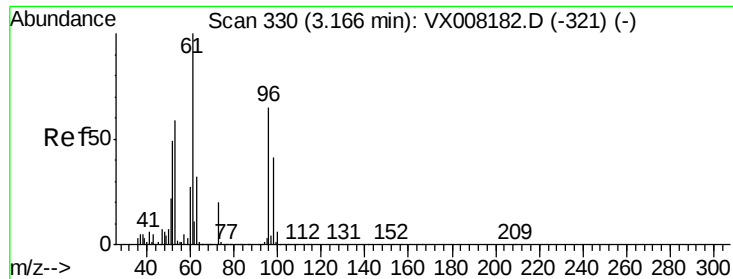
Tot Ion: 73 Resp: 266049
Ion Ratio Lower Upper
73 100
57 24.4 18.2 27.4



#20
Methylene Chloride
Concen: 20.638 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX008209.D
Acq: 19 Mar 2019 23:53

Tgt Ion: 84 Resp: 84614
Ion Ratio Lower Upper
84 100
49 140.7 99.3 148.9
51 40.4 31.3 46.9
86 65.4 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 20.642 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.01 min

Lab File: VX008209.D

Acq: 19 Mar 2019 23:53

Instrument :

MSVOA_X

ClientSampleId :

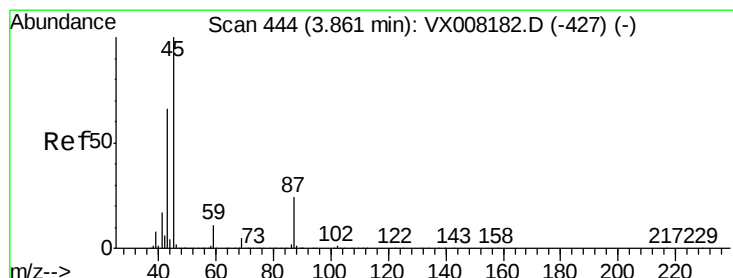
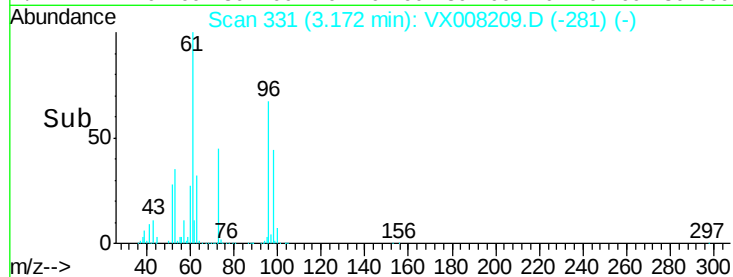
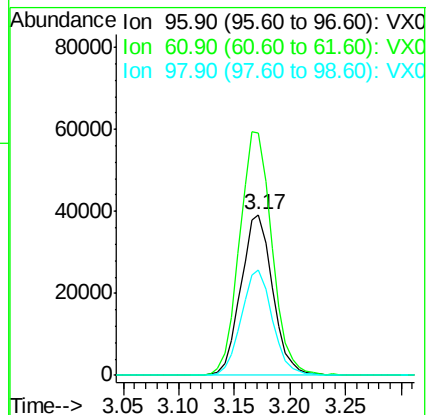
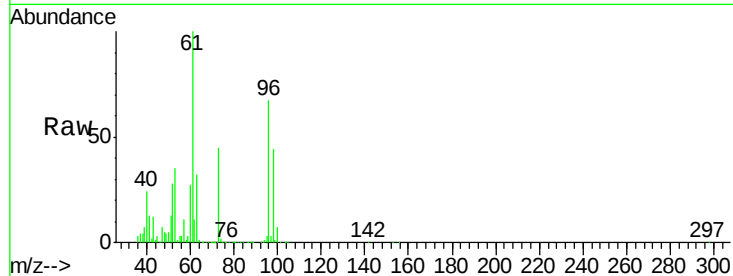
Tot Ion: 96 Resp: 77879

Ion Ratio Lower Upper

96 100

61 150.1 114.4 171.6

98 65.6 51.1 76.7



#22

Diisopropyl ether

Concen: 21.074 ug/l

RT: 3.86 min Scan# 444

Delta R.T. -0.00 min

Lab File: VX008209.D

Acq: 19 Mar 2019 23:53

Tgt Ion: 45 Resp: 313793

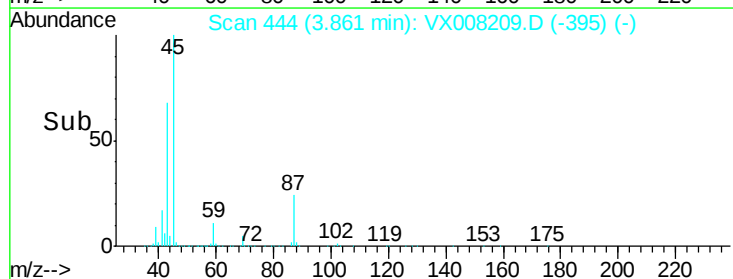
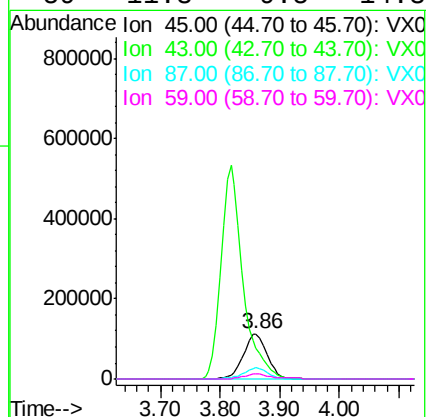
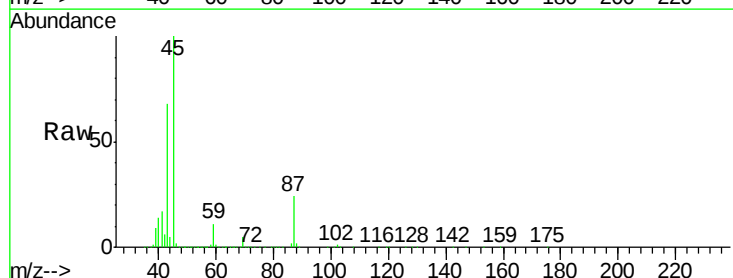
Ion Ratio Lower Upper

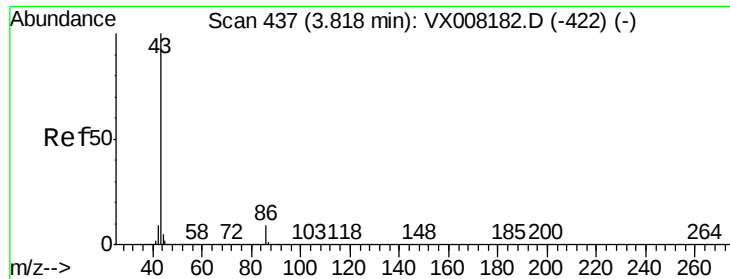
45 100

43 68.3 45.3 67.9#

87 24.3 21.4 32.0

59 11.3 9.5 14.3





#23

Vinyl Acetate

Concen: 106.716 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX008209.D

Acq: 19 Mar 2019 23:53

Instrument :

MSVOA_X

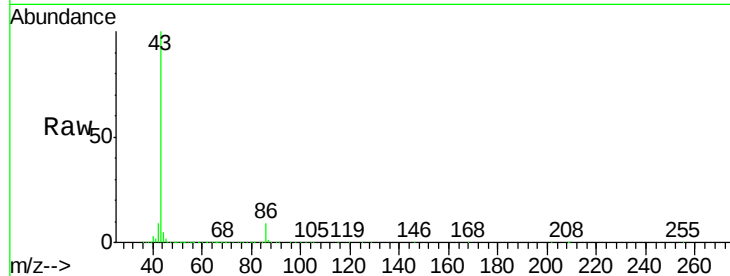
ClientSampleId :

Tot Ion: 43 Resp: 1362313

Ion Ratio Lower Upper

43 100

86 8.9 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

600000

500000

400000

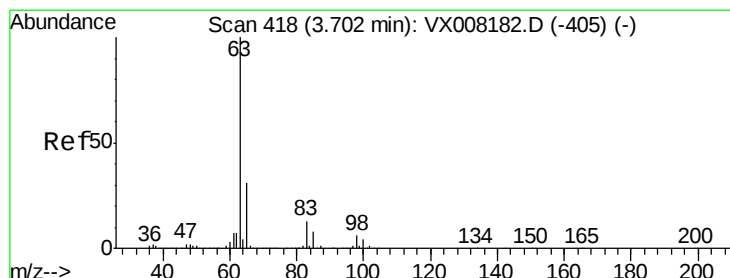
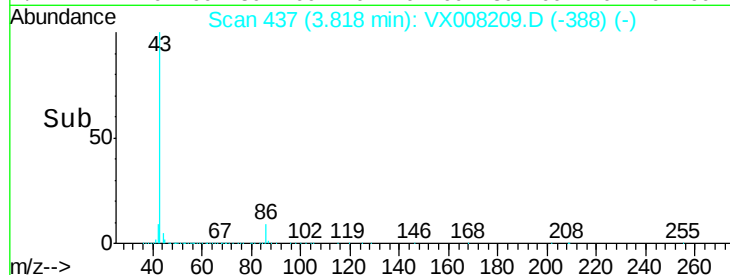
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 21.257 ug/l

RT: 3.70 min Scan# 418

Delta R.T. -0.00 min

Lab File: VX008209.D

Acq: 19 Mar 2019 23:53

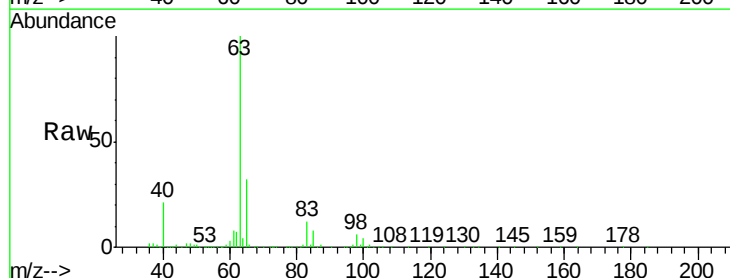
Tgt Ion: 63 Resp: 162787

Ion Ratio Lower Upper

63 100

98 6.1 3.3 9.8

100 4.0 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

80000

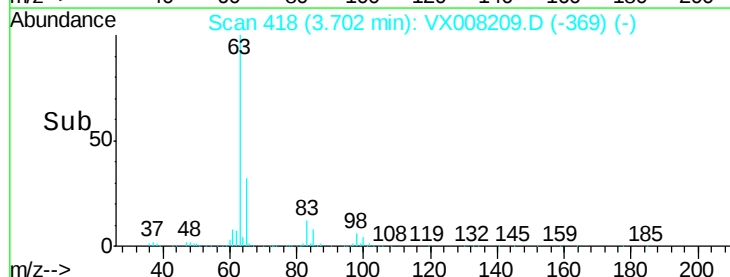
60000

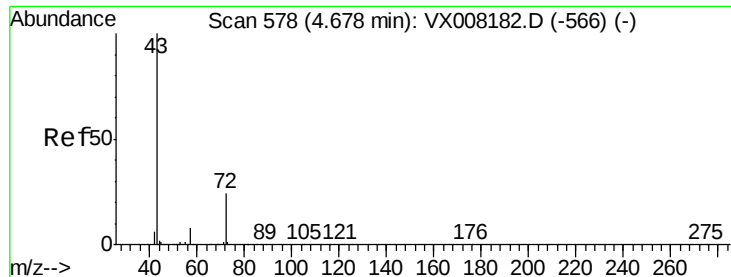
40000

20000

0

Time-->





#25

2-Butanone

Concen: 104.410 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX008209.D

Acq: 19 Mar 2019 23:53

Instrument :

MSVOA_X

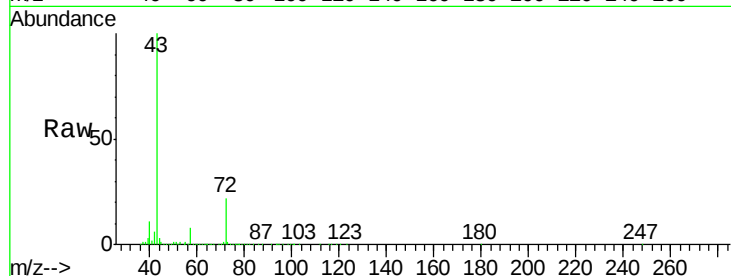
ClientSampleId :

Tot Ion: 43 Resp: 378941

Ion Ratio Lower Upper

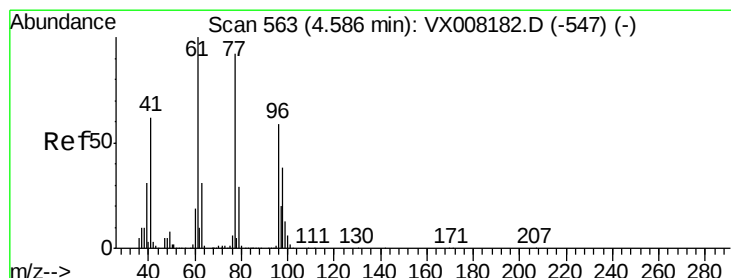
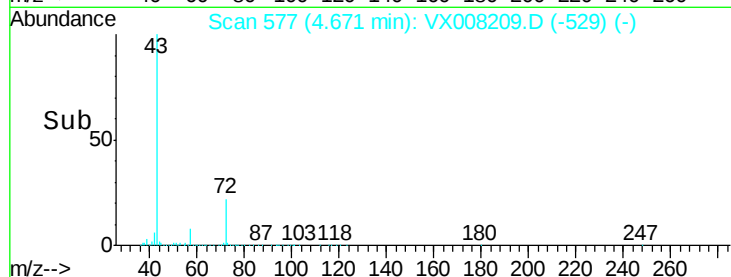
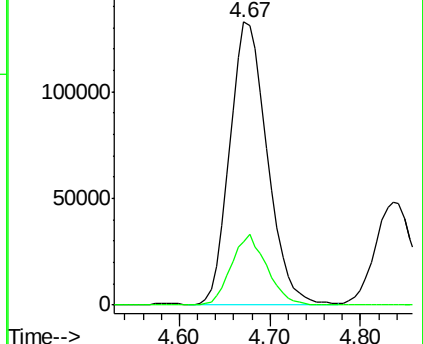
43 100

72 22.3 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: 17.035 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008209.D

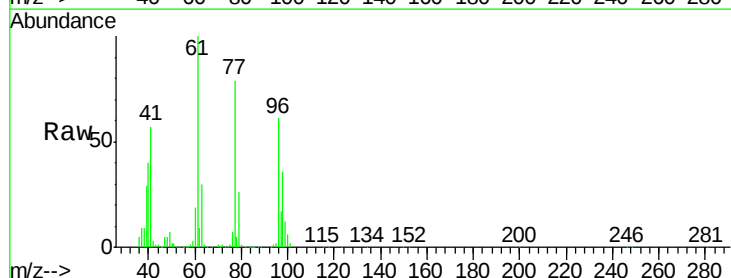
Acq: 19 Mar 2019 23:53

Tgt Ion: 77 Resp: 98276

Ion Ratio Lower Upper

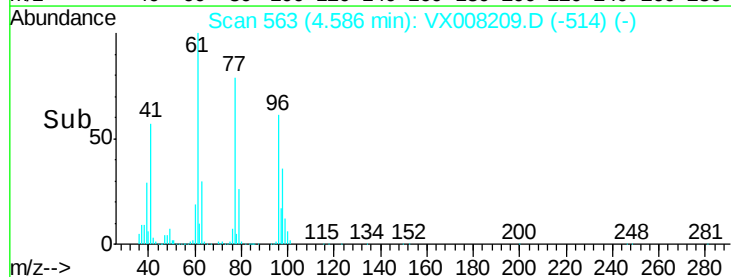
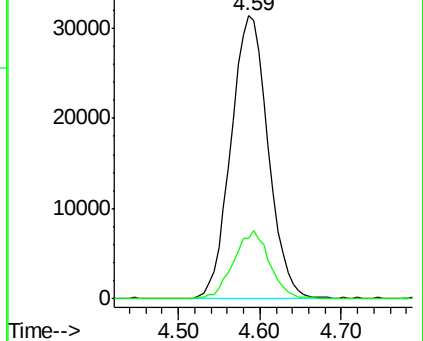
77 100

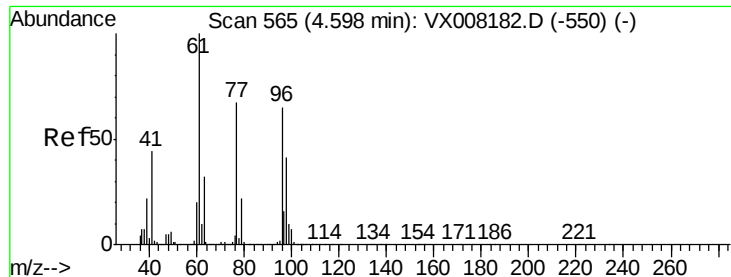
97 23.4 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



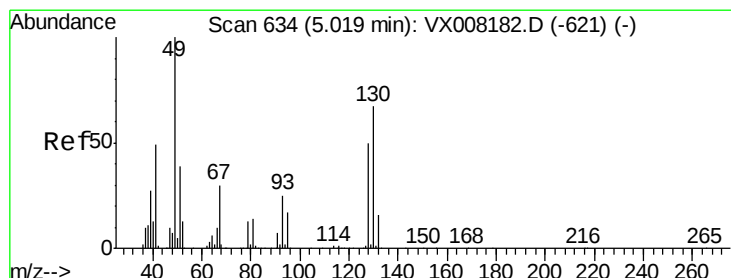
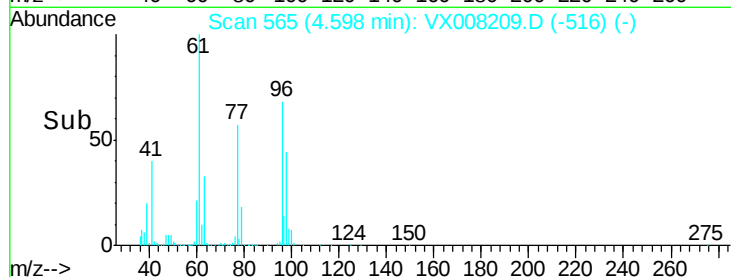
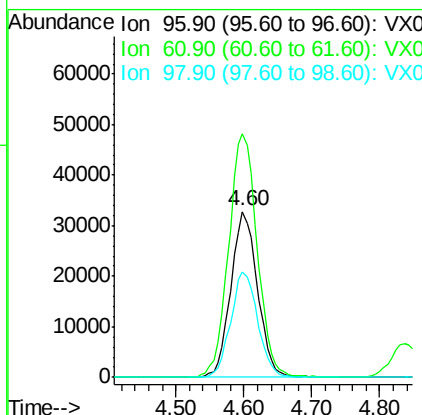
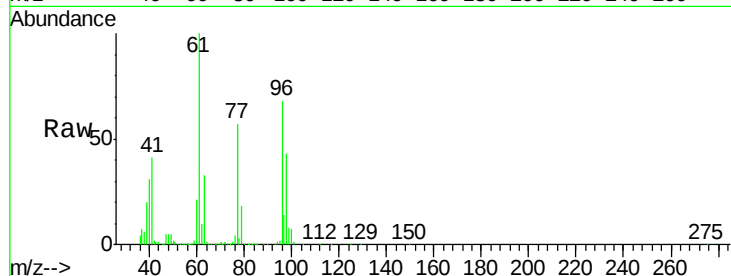


#27

cis-1,2-Dichloroethene
Concen: 20.835 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008209.D
Acq: 19 Mar 2019 23:53

Instrument :
MSVOA_X
ClientSampleId :

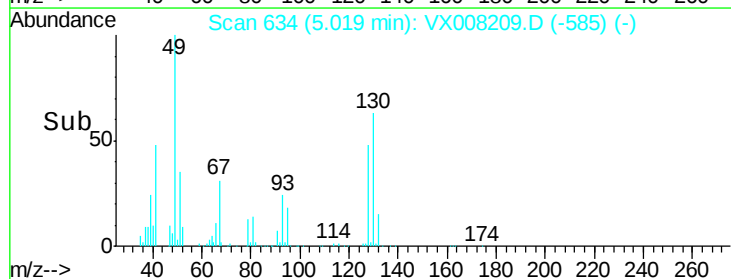
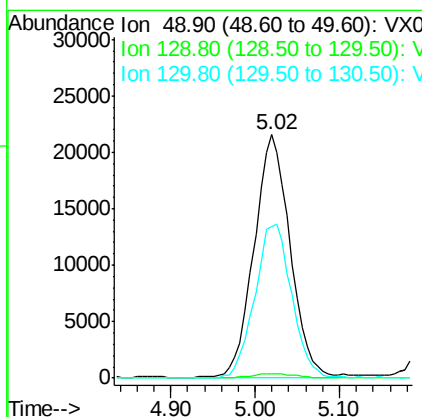
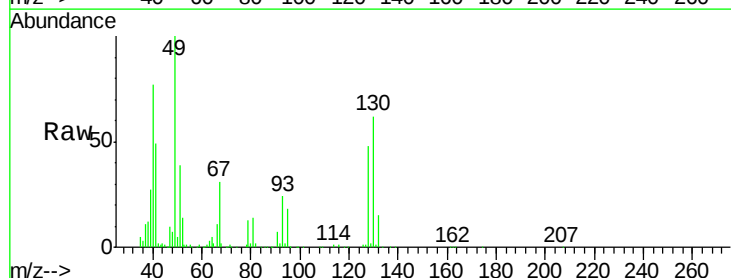
Tot Ion	96	Resp	89613
Ion	Ratio	Lower	Upper
96	100		
61	155.3	0.0	288.0
98	64.3	0.0	129.0

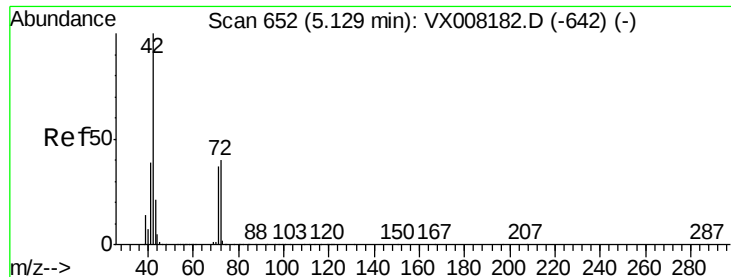


#28

Bromochloromethane
Concen: 18.451 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX008209.D
Acq: 19 Mar 2019 23:53

Tgt Ion	49	Resp	63450
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.0
130	64.8	65.0	97.4#





#29

Tetrahydrofuran

Concen: 109.746 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX008209.D

Acq: 19 Mar 2019 23:53

Instrument :

MSVOA_X

ClientSampleId :

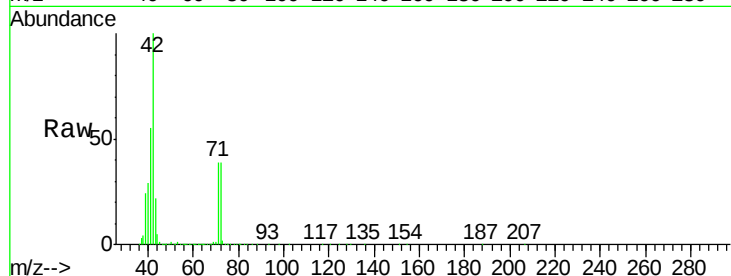
Tot Ion: 42 Resp: 248994

Ion Ratio Lower Upper

42 100

72 40.4 33.8 50.6

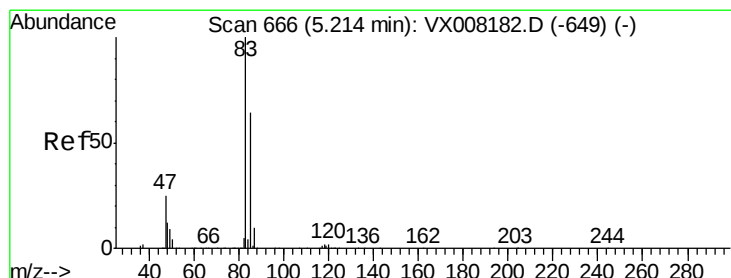
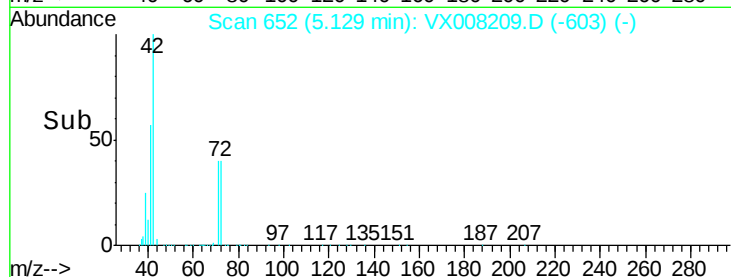
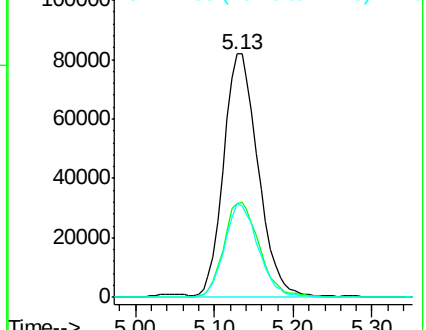
71 38.0 31.5 47.3



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 21.013 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX008209.D

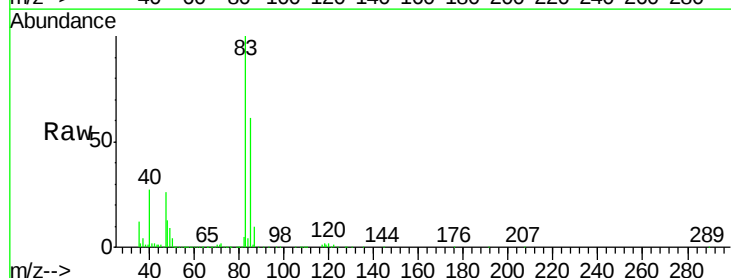
Acq: 19 Mar 2019 23:53

Tgt Ion: 83 Resp: 150529

Ion Ratio Lower Upper

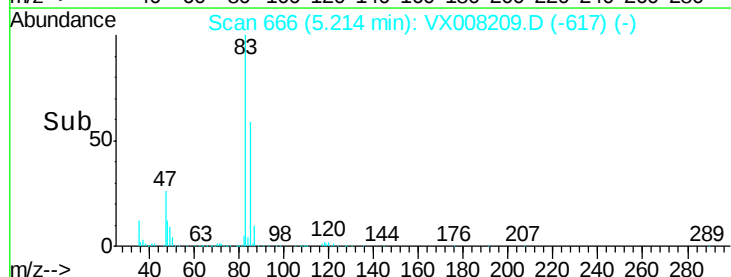
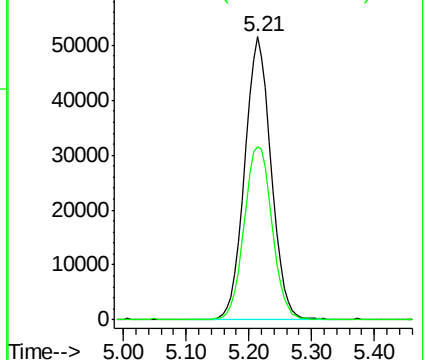
83 100

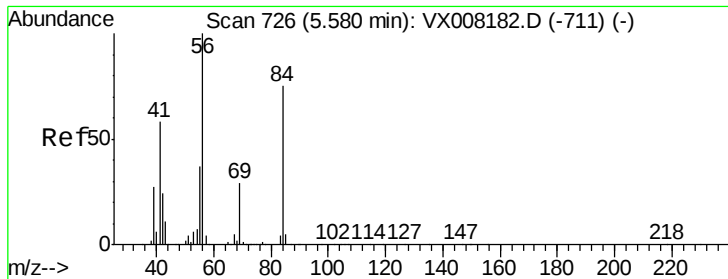
85 61.2 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

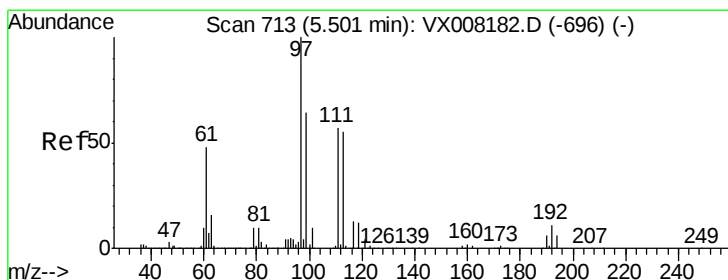
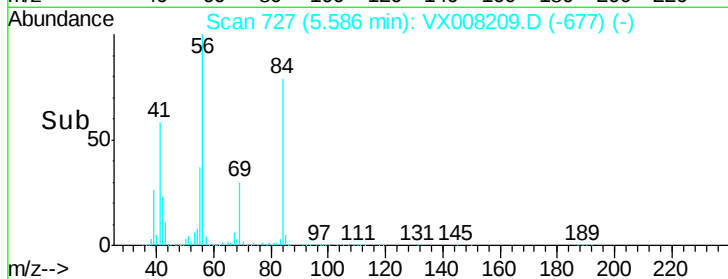
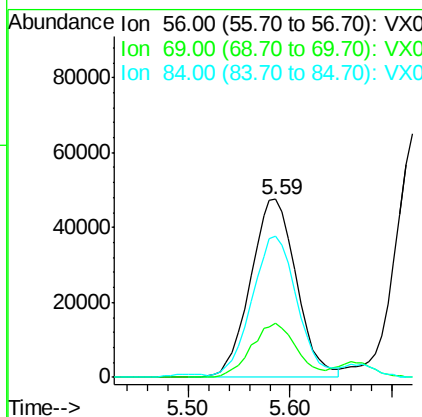
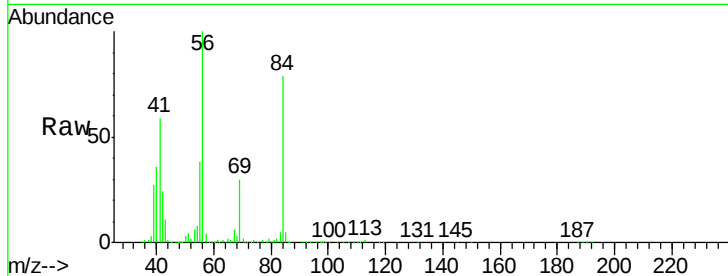




#31
Cyclohexane
Concen: 20.541 ug/l
RT: 5.59 min Scan# 727
Delta R.T. 0.01 min
Lab File: VX008209.D
Acq: 19 Mar 2019 23:53

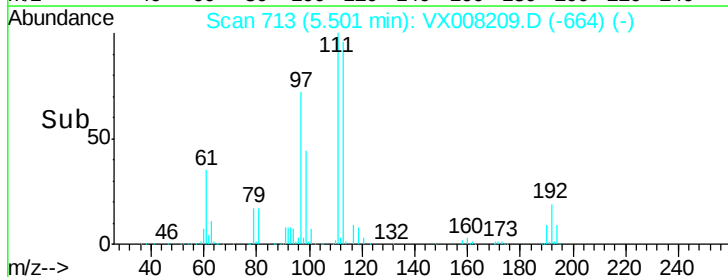
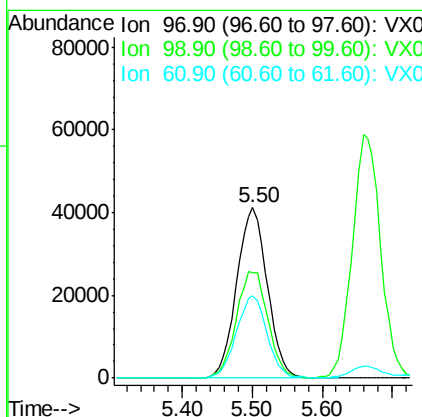
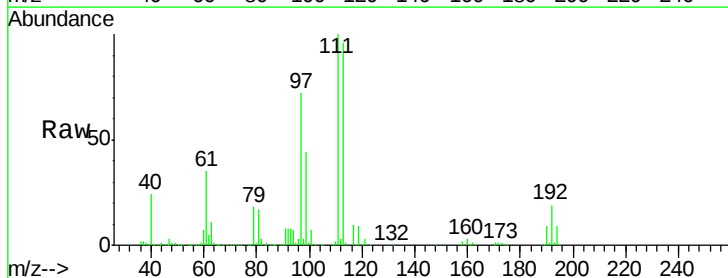
Instrument :
MSVOA_X
ClientSampleId :

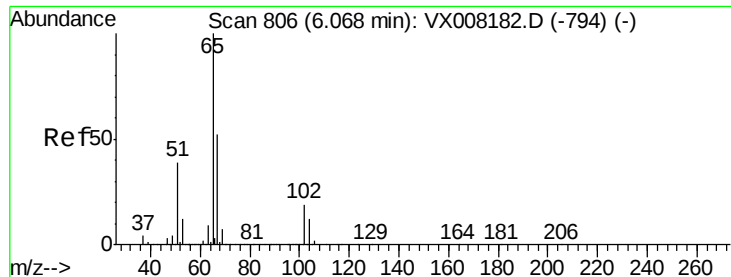
Tot Ion: 56 Resp: 147717
Ion Ratio Lower Upper
56 100
69 30.0 24.0 36.0
84 77.8 65.3 97.9



#32
1,1,1-Trichloroethane
Concen: 21.104 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX008209.D
Acq: 19 Mar 2019 23:53

Tgt Ion: 97 Resp: 125759
Ion Ratio Lower Upper
97 100
99 64.6 52.2 78.2
61 48.6 34.9 52.3





#33

1,2-Dichloroethane-d4

Concen: 49.234 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX008209.D

Acq: 19 Mar 2019 23:53

Instrument :

MSVOA_X

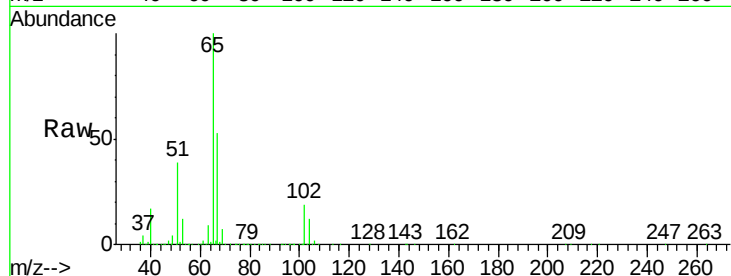
ClientSampleId :

Tot Ion: 65 Resp: 213432

Ion Ratio Lower Upper

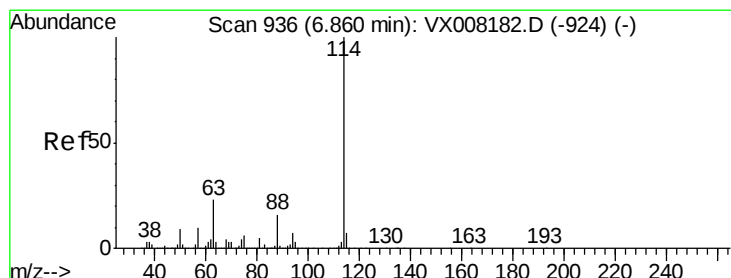
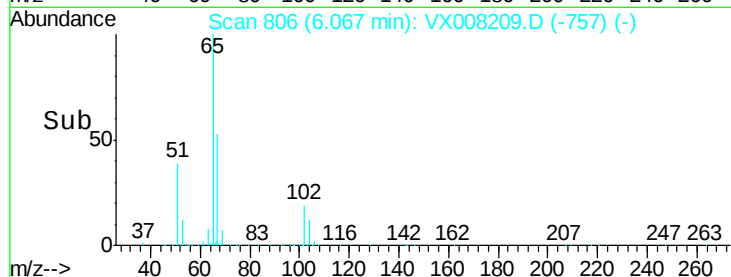
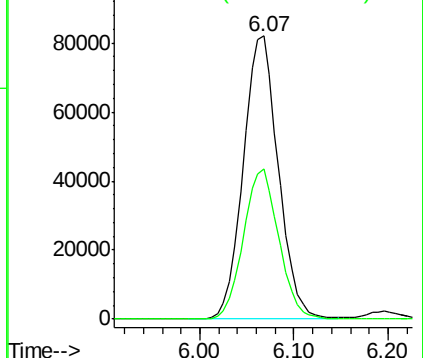
65 100

67 53.6 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008209.D

Acq: 19 Mar 2019 23:53

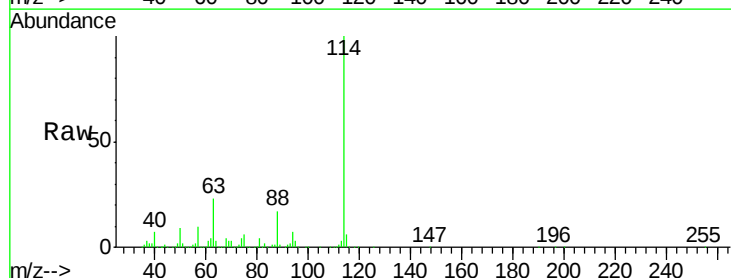
Tgt Ion: 114 Resp: 478846

Ion Ratio Lower Upper

114 100

63 23.0 0.0 39.8

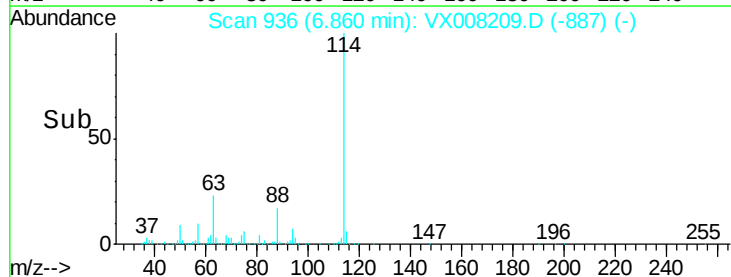
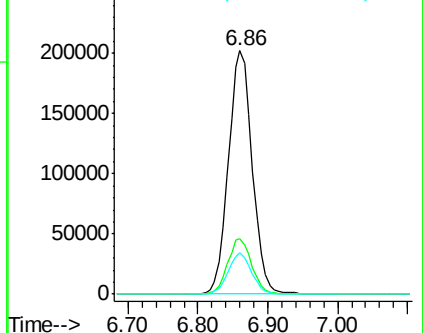
88 16.8 0.0 31.4

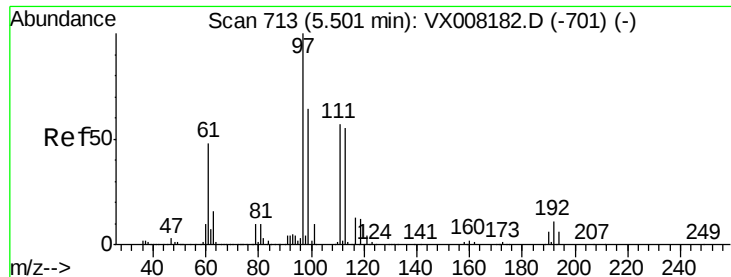


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.539 ug/l

RT: 5.50 min Scan# 713

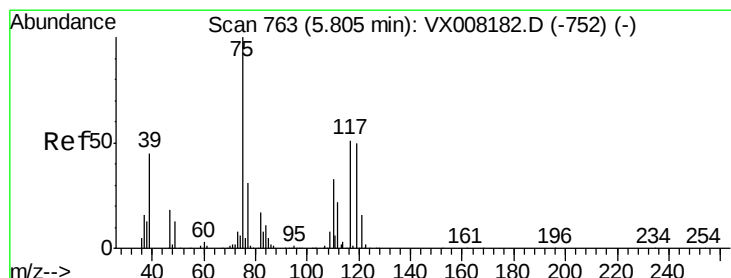
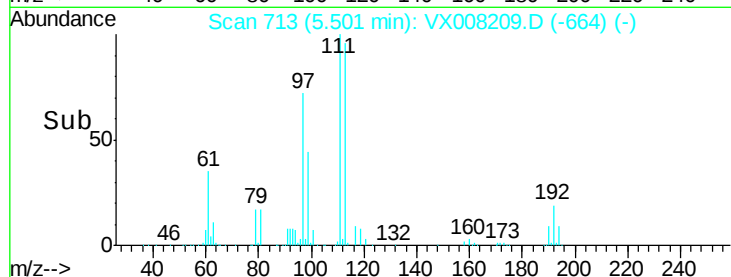
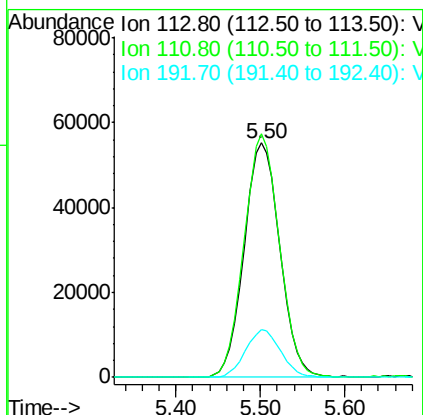
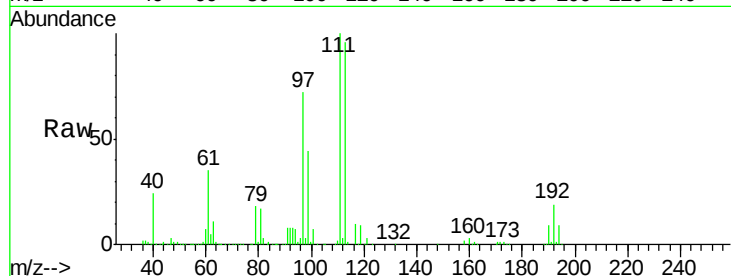
Delta R.T. -0.00 min

Lab File: VX008209.D

Acq: 19 Mar 2019 23:53

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	113	Resp:	158801
Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.4	122.0
192	20.2	19.4	29.0



#36

1,1-Dichloropropene

Concen: 20.849 ug/l

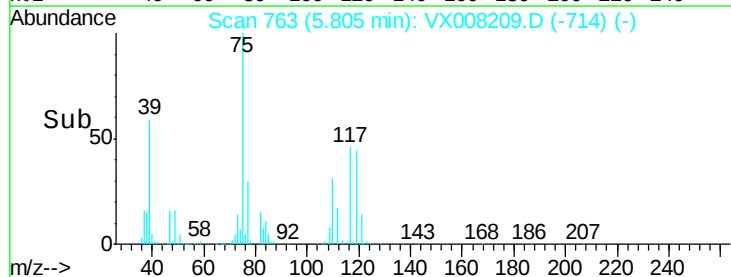
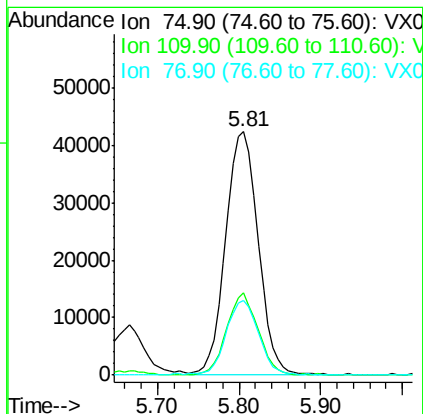
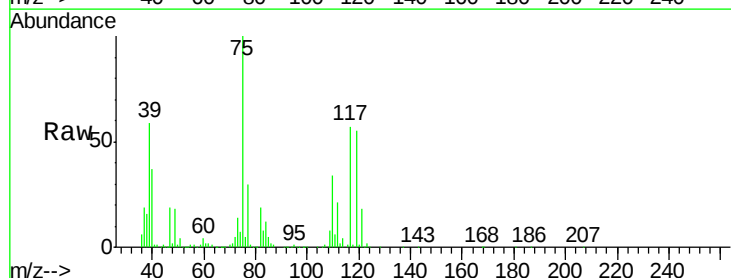
RT: 5.81 min Scan# 763

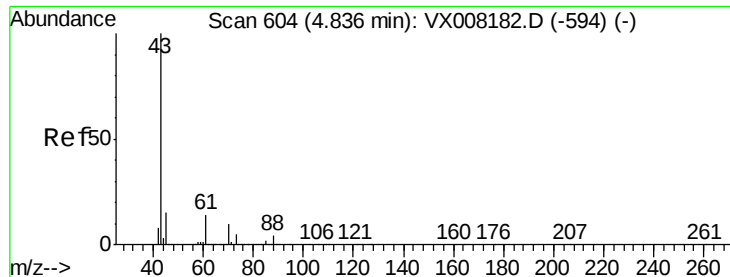
Delta R.T. -0.00 min

Lab File: VX008209.D

Acq: 19 Mar 2019 23:53

Tgt Ion:	75	Resp:	116232
Ion	Ratio	Lower	Upper
75	100		
110	32.7	18.4	55.0
77	30.6	25.0	37.4

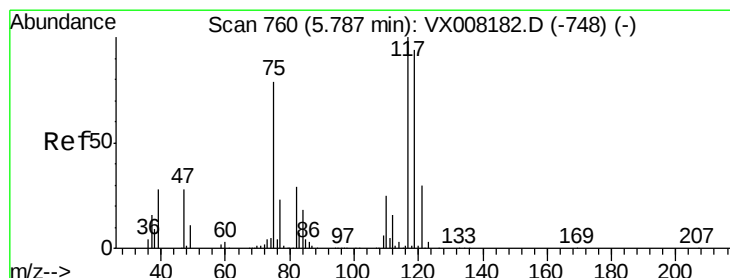
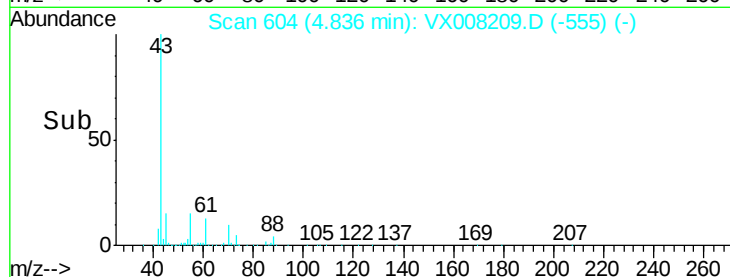
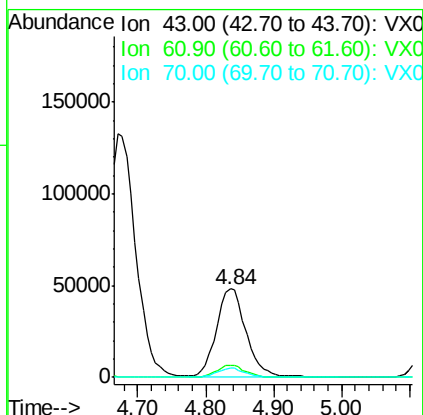
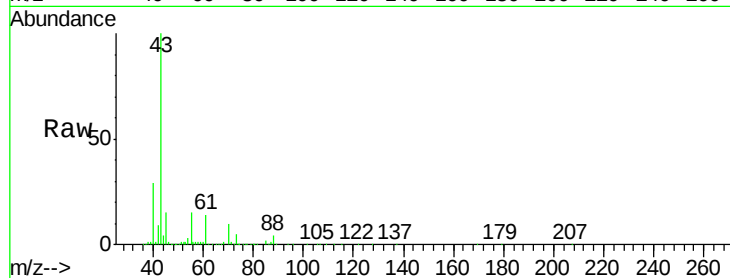




#37
Ethyl Acetate
Concen: 21.969 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX008209.D
Acq: 19 Mar 2019 23:53

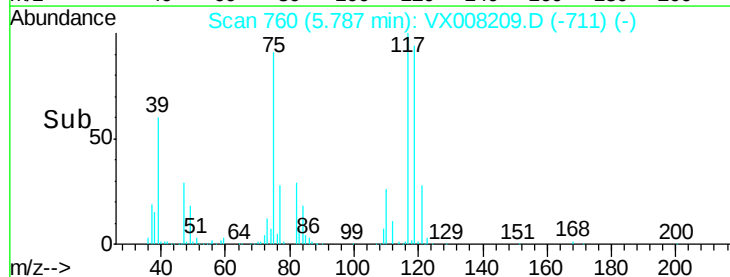
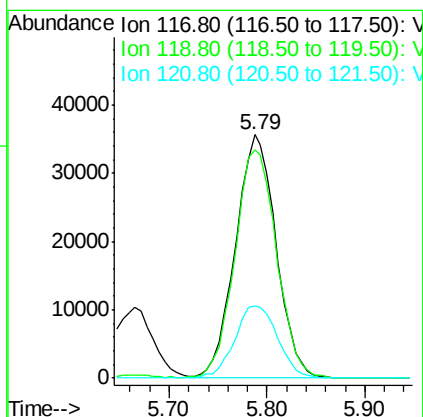
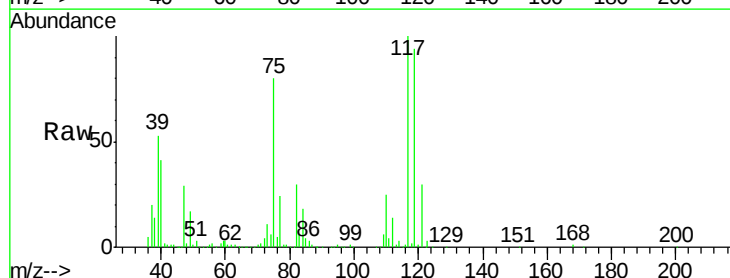
Instrument :
MSVOA_X
ClientSampleId :

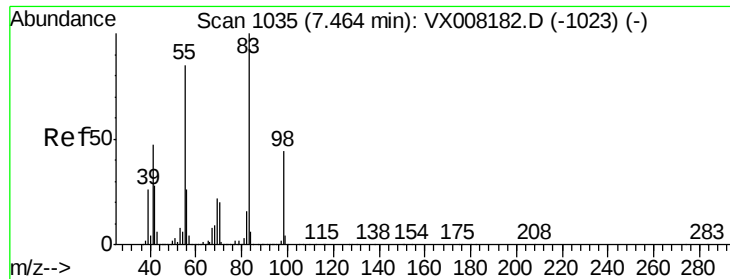
Tot Ion: 43 Resp: 144782
Ion Ratio Lower Upper
43 100
61 13.1 11.3 16.9
70 10.0 8.5 12.7



#38
Carbon Tetrachloride
Concen: 20.533 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX008209.D
Acq: 19 Mar 2019 23:53

Tgt Ion: 117 Resp: 101993
Ion Ratio Lower Upper
117 100
119 93.9 76.2 114.2
121 29.7 24.6 36.8

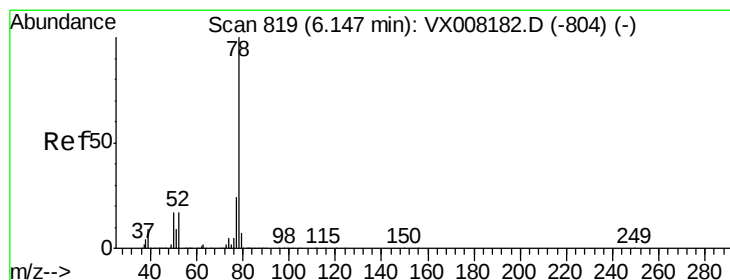
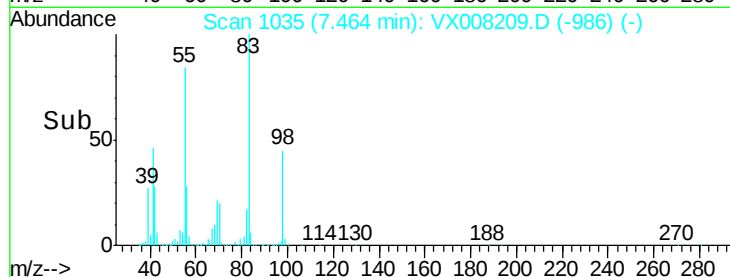
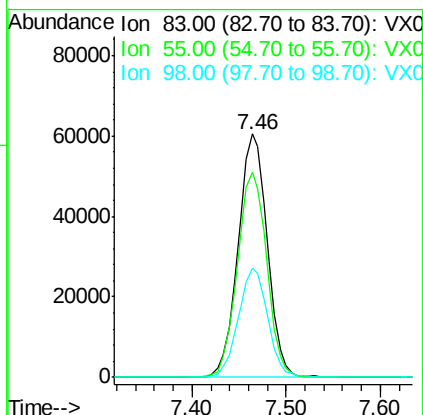
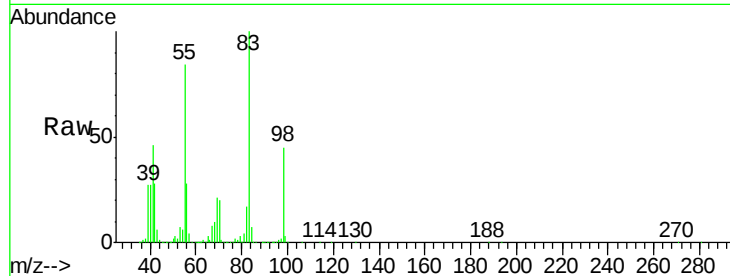




#39
Methylvlcvclohexane
Concen: 19.511 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008209.D
Acq: 19 Mar 2019 23:53

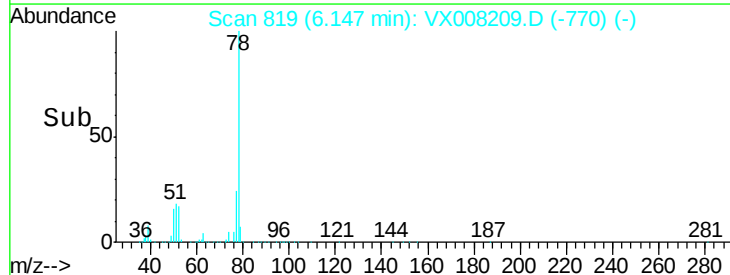
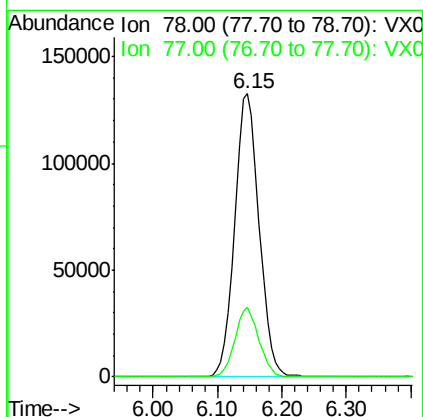
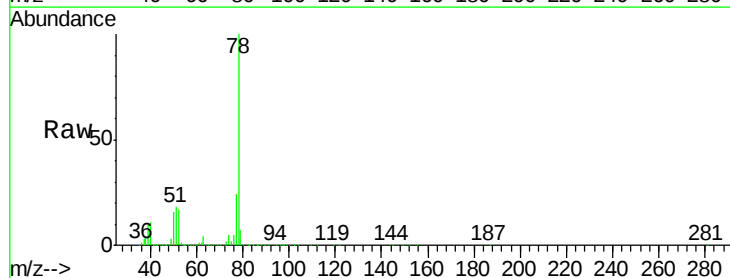
Instrument :
MSVOA_X
ClientSampleId :

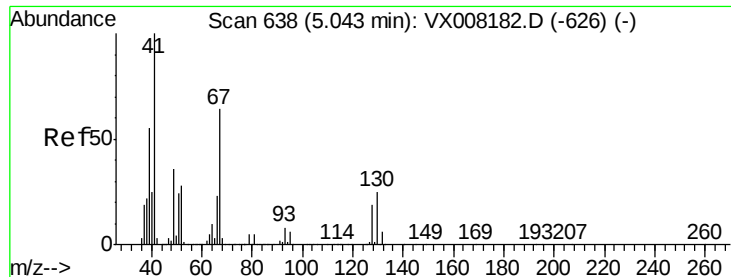
Tot Ion: 83 Resp: 130901
Ion Ratio Lower Upper
83 100
55 84.1 60.4 90.6
98 45.0 36.5 54.7



#40
Benzene
Concen: 21.217 ug/l
RT: 6.15 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX008209.D
Acq: 19 Mar 2019 23:53

Tgt Ion: 78 Resp: 350106
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.4





#41

Methacrylonitrile

Concen: 21.709 ug/l

RT: 5.05 min Scan# 639

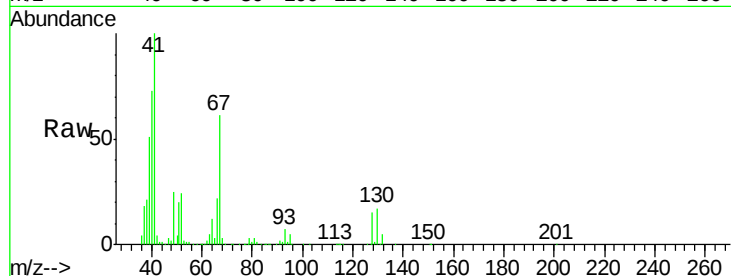
Delta R.T. 0.01 min

Lab File: VX008209.D

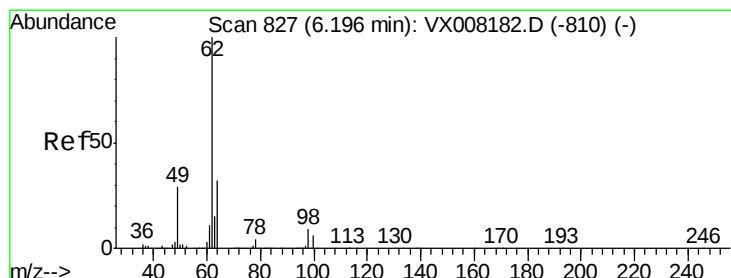
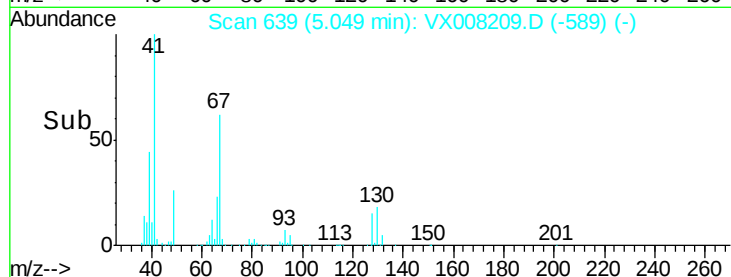
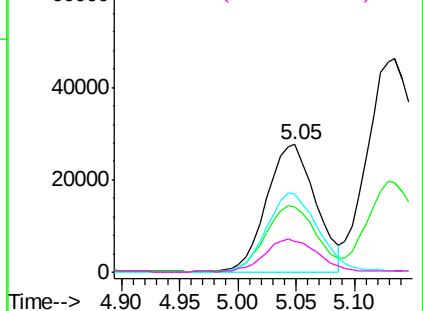
Acq: 19 Mar 2019 23:53

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	80250
Ion	Ratio	Lower	Upper
41	100		
39	55.4	41.6	62.4
67	66.8	55.8	83.6
52	27.6	21.7	32.5



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 21.373 ug/l

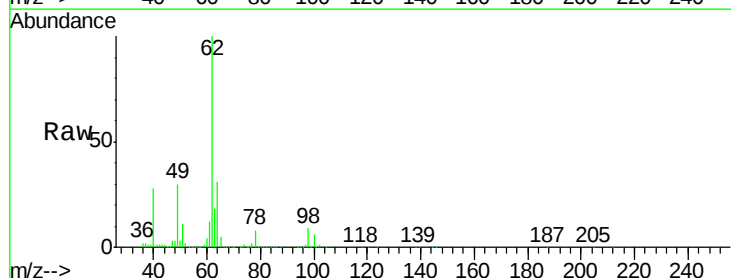
RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

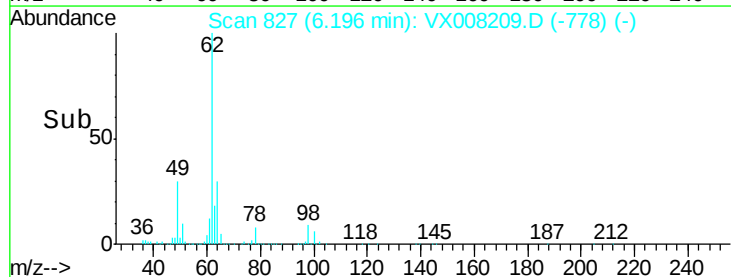
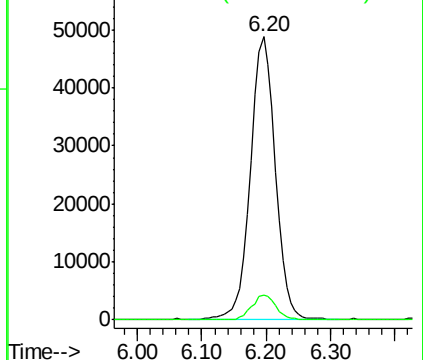
Lab File: VX008209.D

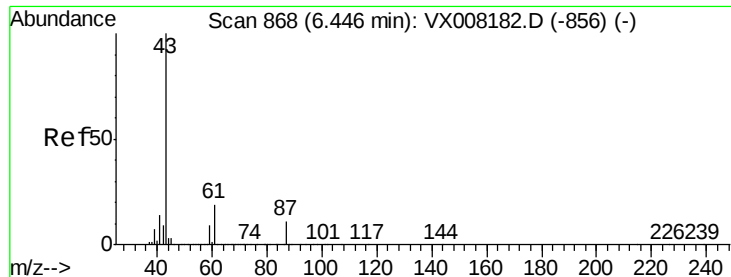
Acq: 19 Mar 2019 23:53

Tgt Ion:	62	Resp:	129195
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



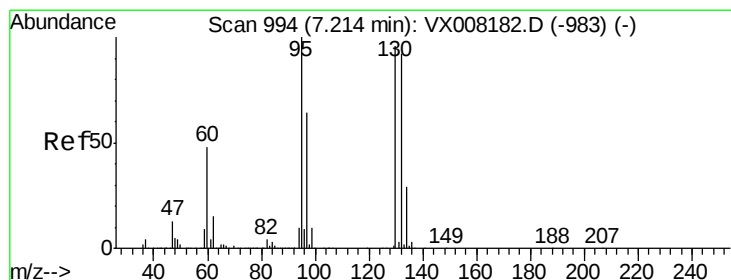
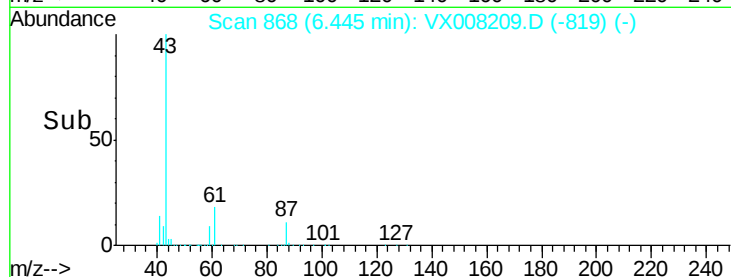
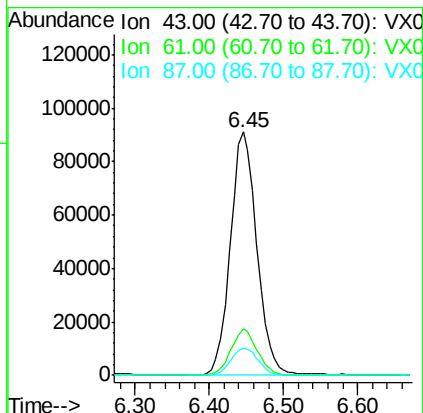
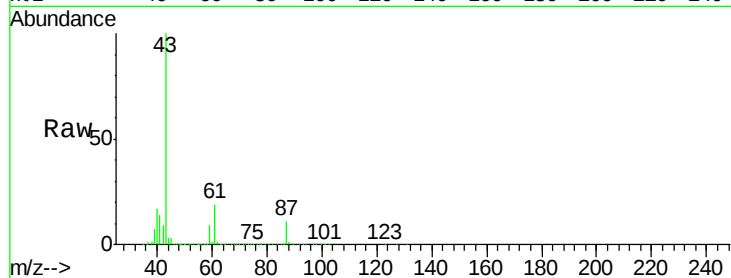


#43

Isopropyl Acetate
 Concen: 21.445 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX008209.D
 Acq: 19 Mar 2019 23:53

Instrument :
 MSVOA_X
 ClientSampleId :

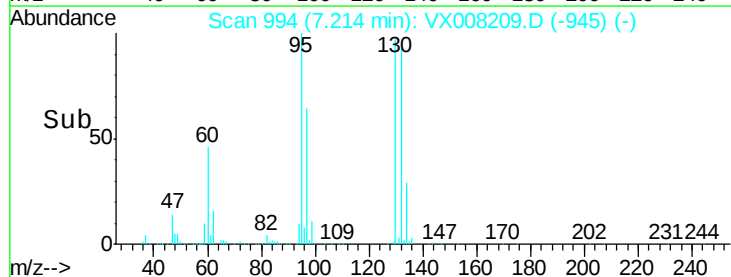
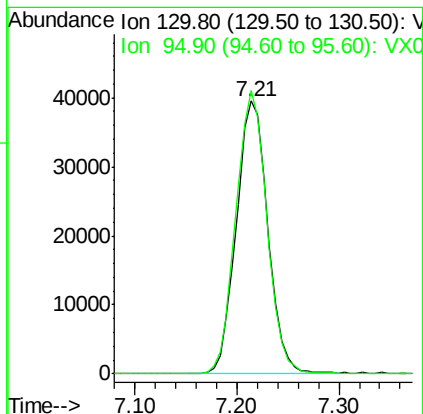
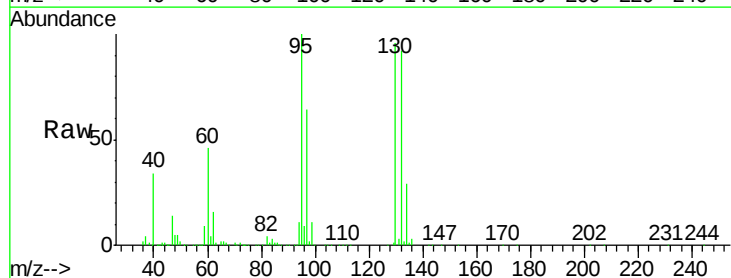
Tot Ion	43	Resp	226528
Ion Ratio	Lower	Upper	
43	100		
61	19.3	16.3	24.5
87	11.8	10.5	15.7

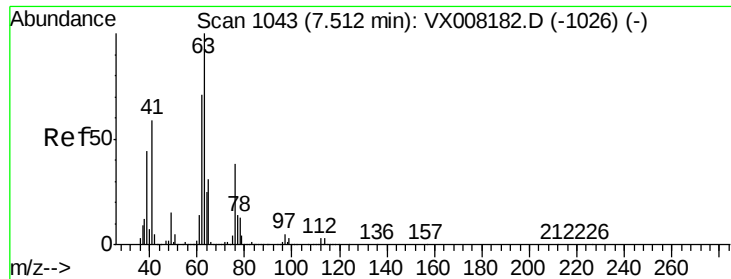


#44

Trichloroethene
 Concen: 20.968 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX008209.D
 Acq: 19 Mar 2019 23:53

Tgt Ion	130	Resp	84597
Ion Ratio	Lower	Upper	
130	100		
95	103.5	0.0	188.0





#45

1,2-Dichloropropane

Concen: 21.101 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX008209.D

Acq: 19 Mar 2019 23:53

Instrument :

MSVOA_X

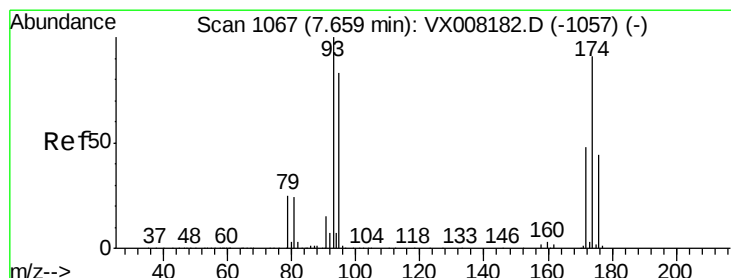
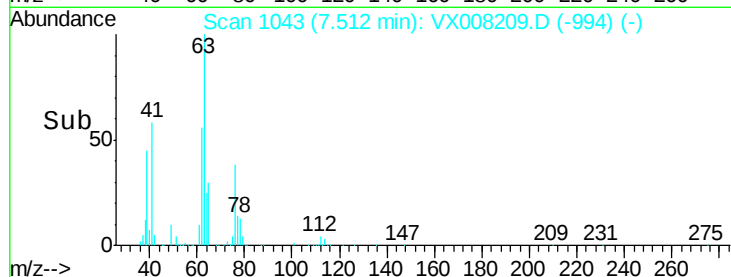
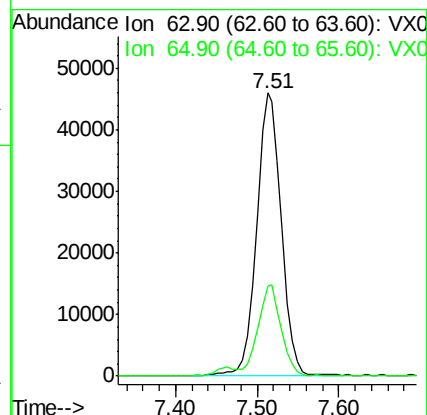
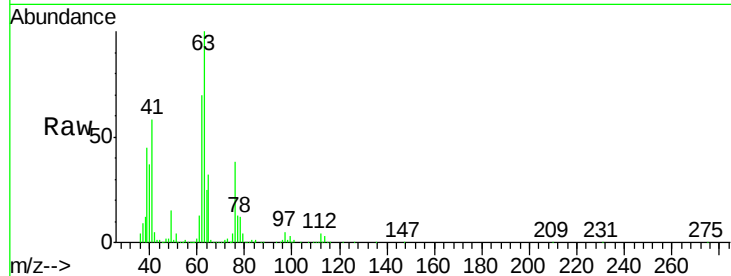
ClientSampled :

Tot Ion: 63 Resp: 97469

Ion Ratio Lower Upper

63 100

65 31.5 24.7 37.1



#46

Dibromomethane

Concen: 20.553 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX008209.D

Acq: 19 Mar 2019 23:53

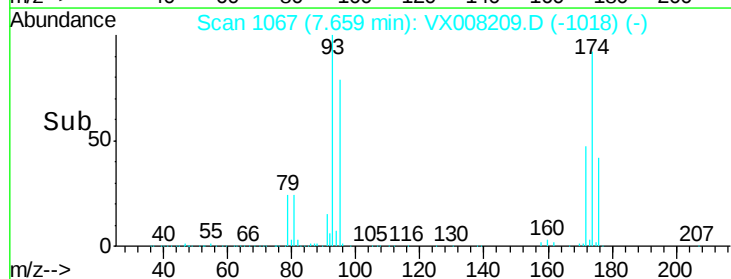
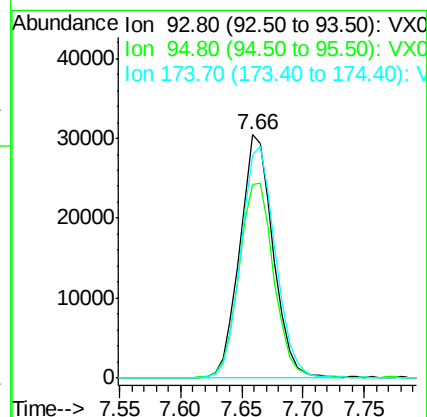
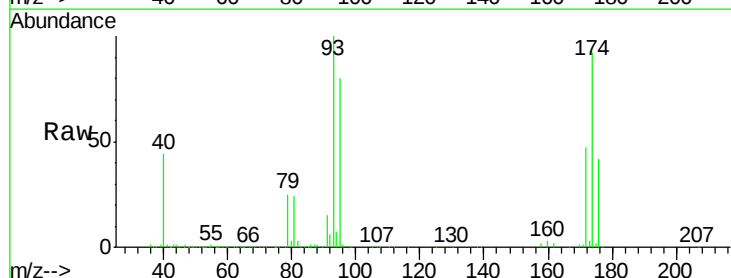
Tgt Ion: 93 Resp: 57483

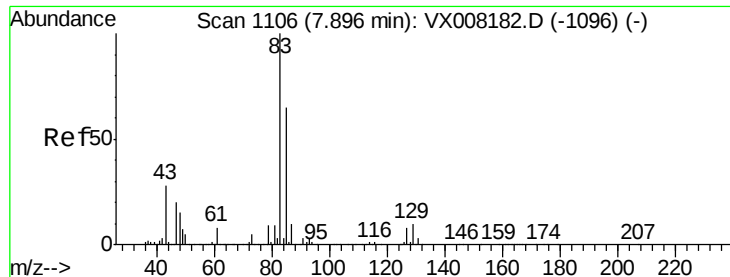
Ion Ratio Lower Upper

93 100

95 84.4 66.8 100.2

174 98.5 97.3 145.9





#47

Bromodichloromethane

Concen: 20.585 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008209.D

Acq: 19 Mar 2019 23:53

Instrument :
MSVOA_X
ClientSampleId :

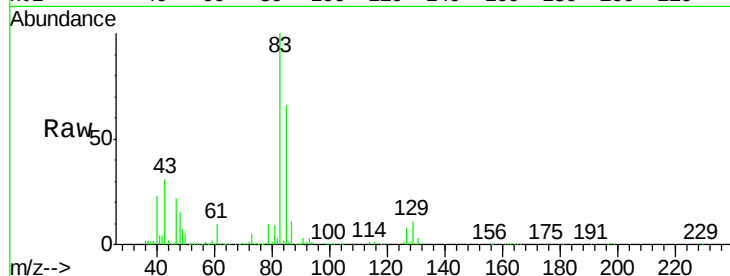
Tot Ion: 83 Resp: 109722

Ion Ratio Lower Upper

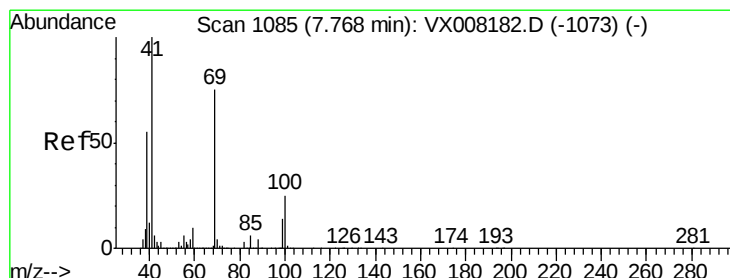
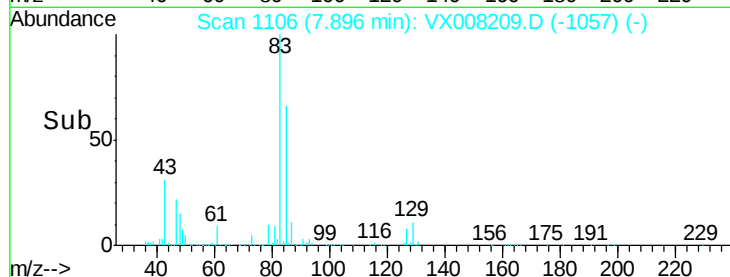
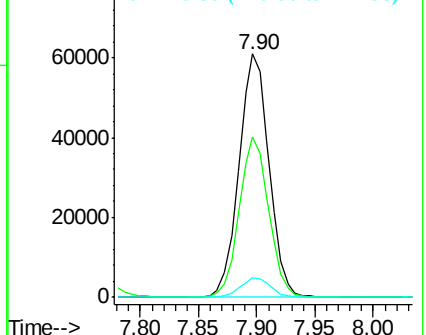
83 100

85 65.7 50.9 76.3

127 7.9 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: 21.326 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008209.D

Acq: 19 Mar 2019 23:53

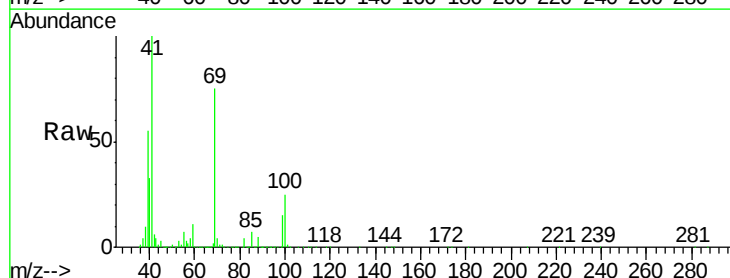
Tgt Ion: 41 Resp: 119784

Ion Ratio Lower Upper

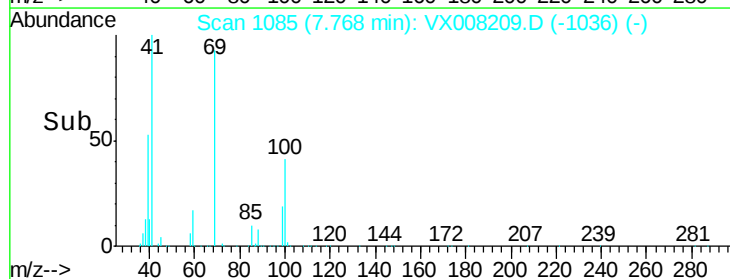
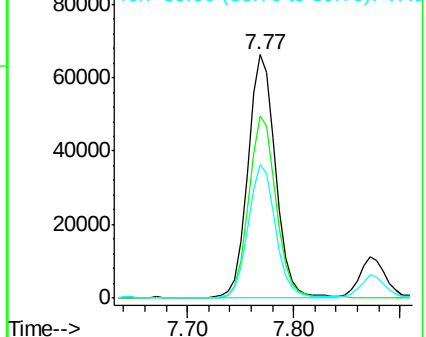
41 100

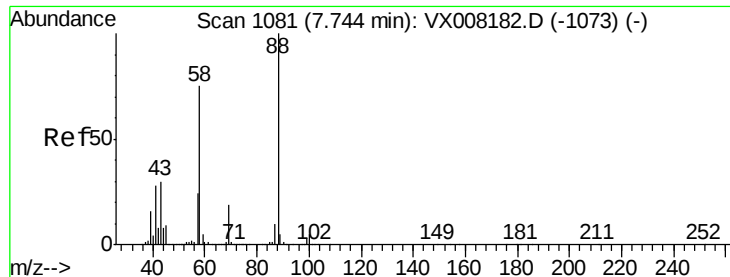
69 75.3 65.2 97.8

39 54.7 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

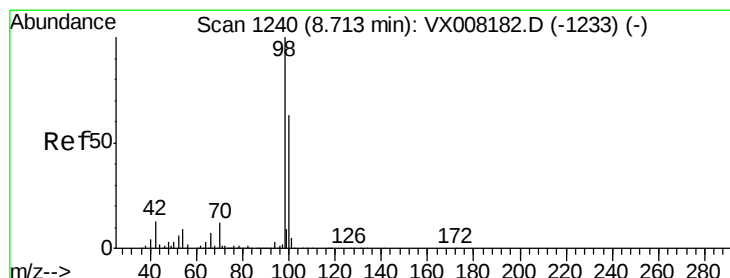
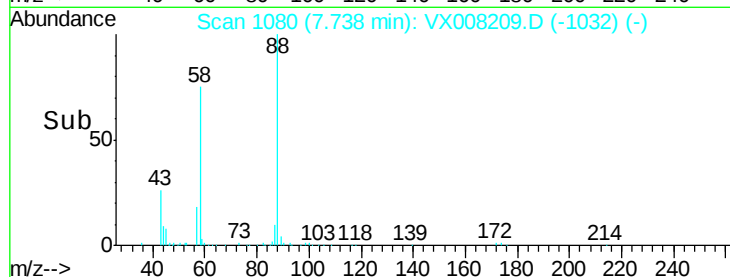
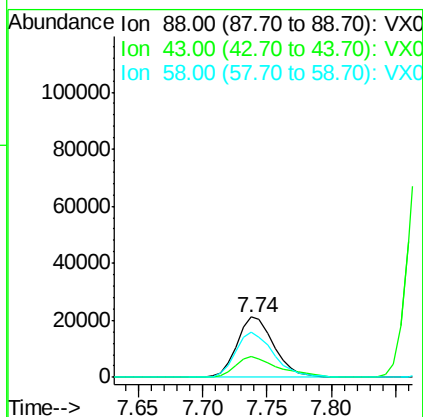
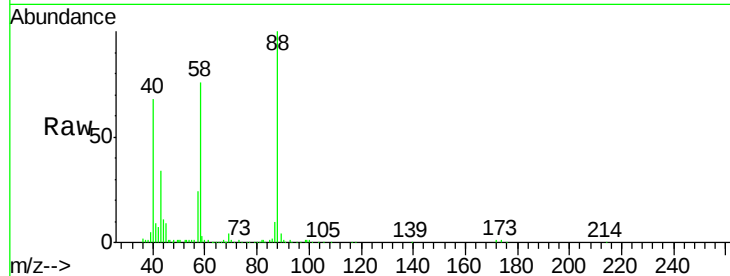




#49
1,4-Dioxane
Concen: 423.743 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.01 min
Lab File: VX008209.D
Acq: 19 Mar 2019 23:53

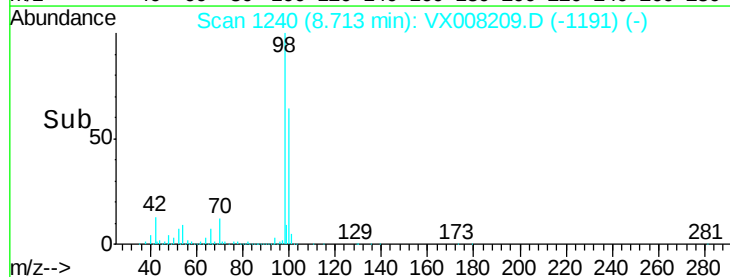
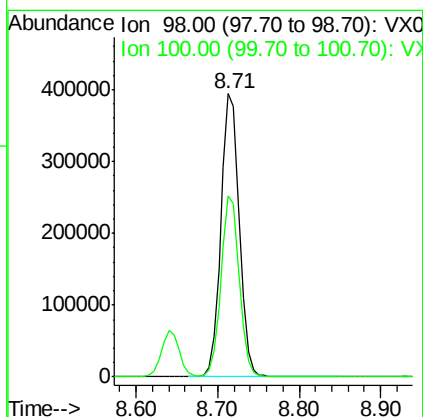
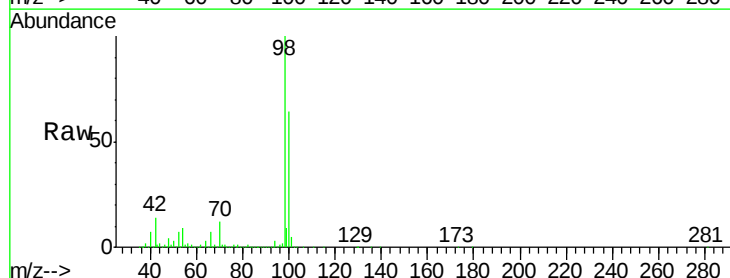
Instrument :
MSVOA_X
ClientSampleId :

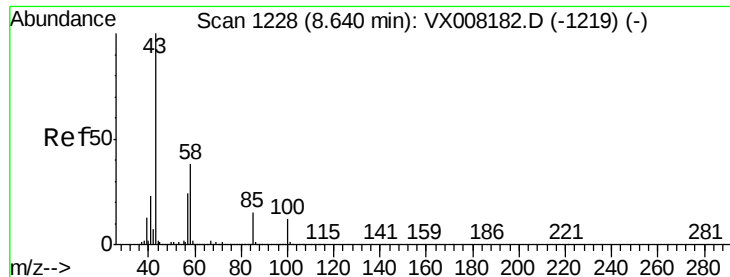
Tot Ion: 88 Resp: 42000
Ion Ratio Lower Upper
88 100
43 38.3 25.1 37.7#
58 75.9 57.8 86.6



#50
Toluene-d8
Concen: 50.856 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008209.D
Acq: 19 Mar 2019 23:53

Tgt Ion: 98 Resp: 618074
Ion Ratio Lower Upper
98 100
100 63.5 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 110.642 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008209.D

Acq: 19 Mar 2019 23:53

Instrument :

MSVOA_X

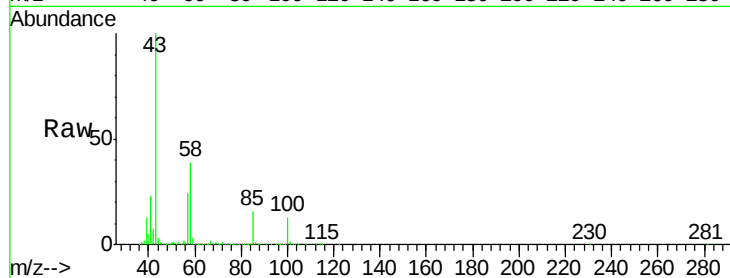
ClientSampleId :

Tot Ion: 43 Resp: 755592

Ion Ratio Lower Upper

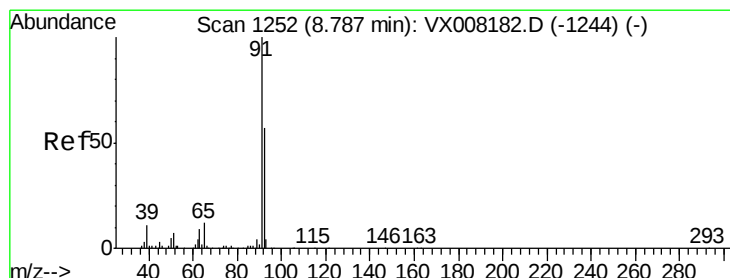
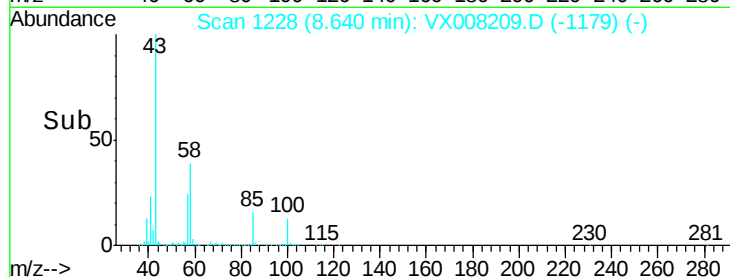
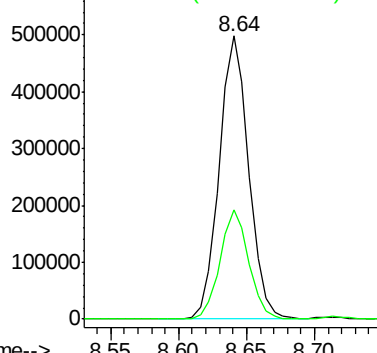
43 100

58 37.6 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: 21.235 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX008209.D

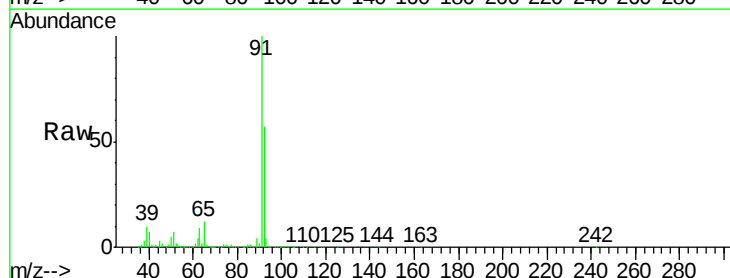
Acq: 19 Mar 2019 23:53

Tgt Ion: 92 Resp: 207874

Ion Ratio Lower Upper

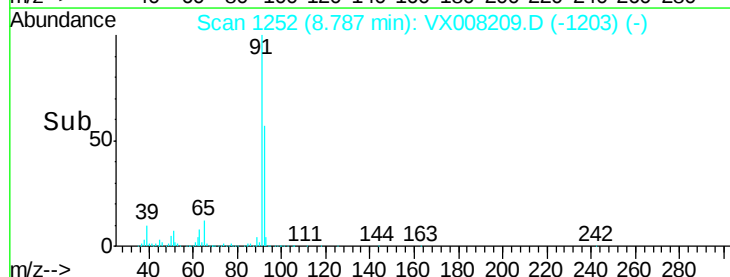
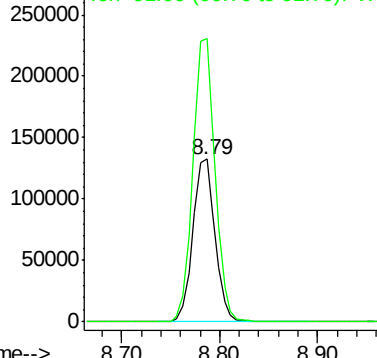
92 100

91 174.0 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

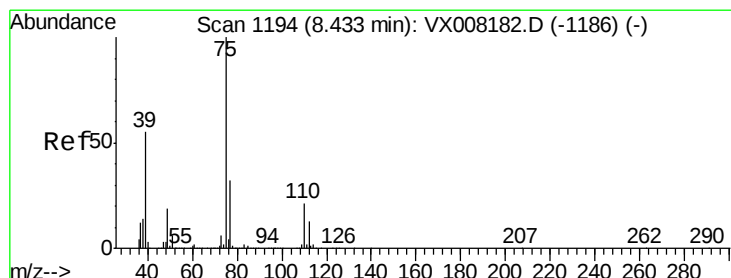
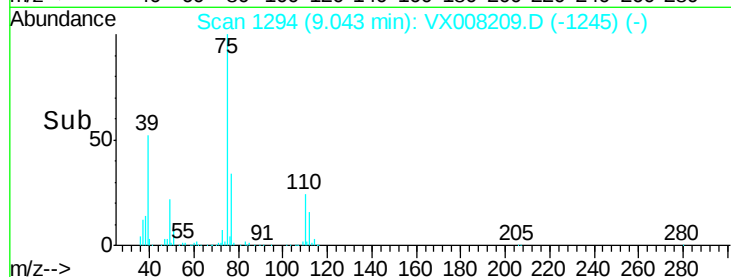
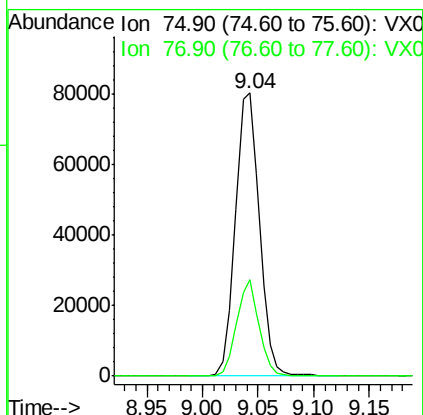
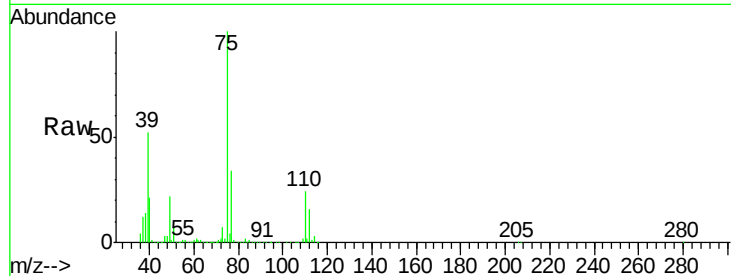




#53
 t-1,3-Dichloropropene
 Concen: 18.784 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX008209.D
 Acq: 19 Mar 2019 23:53

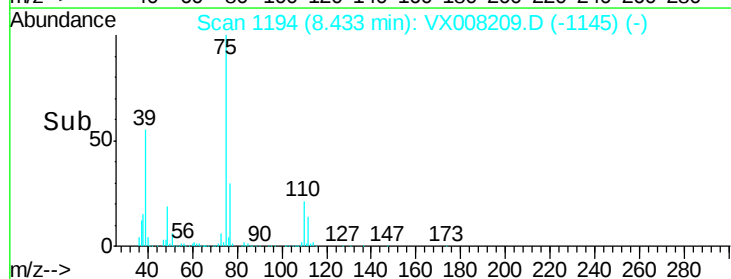
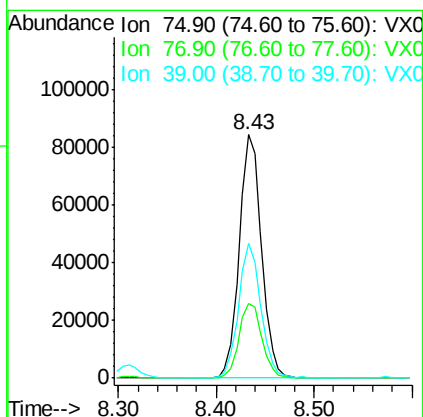
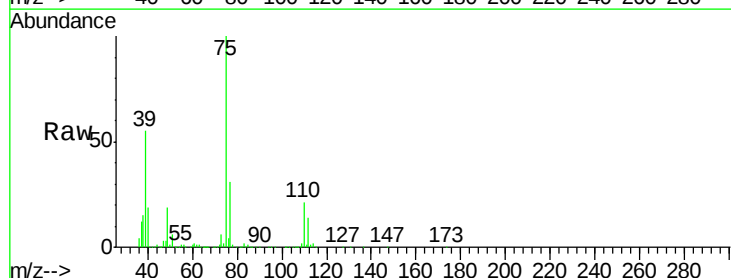
Instrument :
 MSVOA_X
 ClientSampleId :

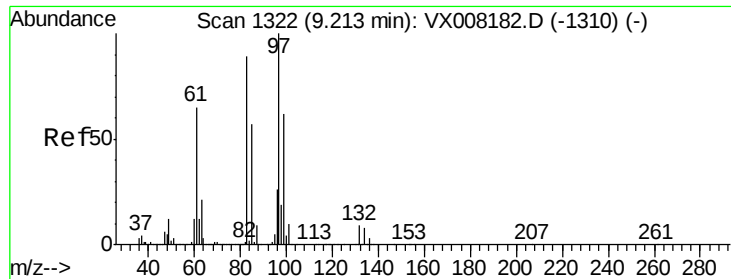
Tot Ion: 75 Resp: 119283
 Ion Ratio Lower Upper
 75 100
 77 34.0 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 20.154 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008209.D
 Acq: 19 Mar 2019 23:53

Tgt Ion: 75 Resp: 133318
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.0 37.6
 39 54.9 36.6 54.8#





#55

1,1,2-Trichloroethane

Concen: 21.476 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX008209.D

Acq: 19 Mar 2019 23:53

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 84944

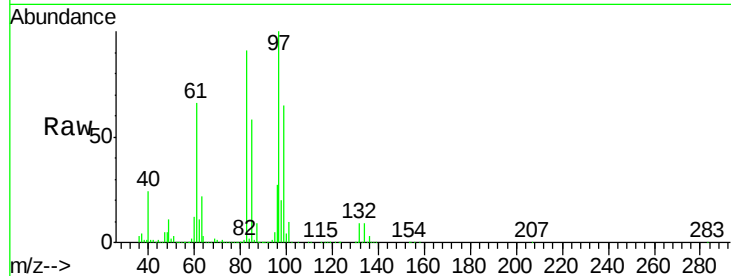
Ion Ratio Lower Upper

97 100

83 90.5 69.1 103.7

85 57.6 44.3 66.5

99 64.8 49.8 74.8

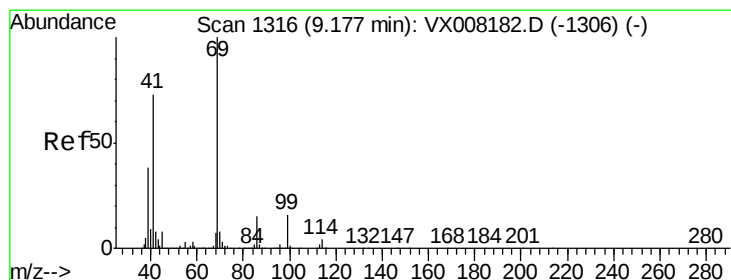
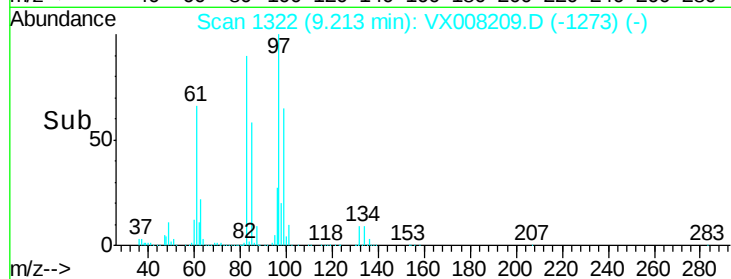
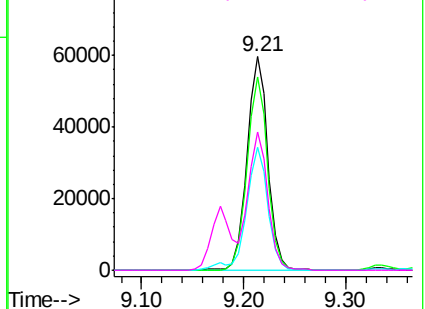


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 20.491 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX008209.D

Acq: 19 Mar 2019 23:53

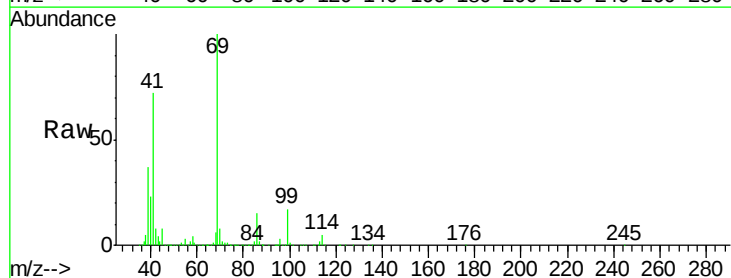
Tgt Ion: 69 Resp: 139986

Ion Ratio Lower Upper

69 100

41 72.9 54.2 81.4

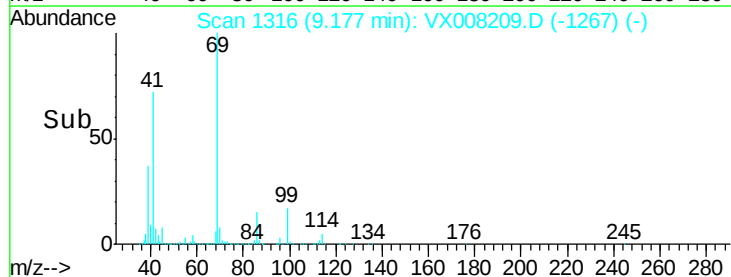
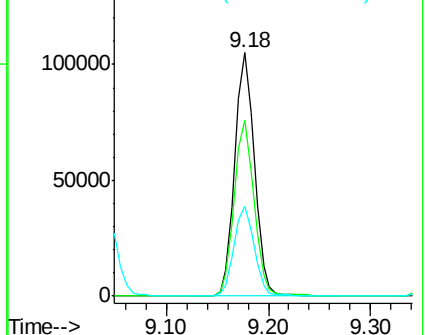
39 37.7 25.0 37.4#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 21.554 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008209.D

Acq: 19 Mar 2019 23:53

Instrument :

MSVOA_X

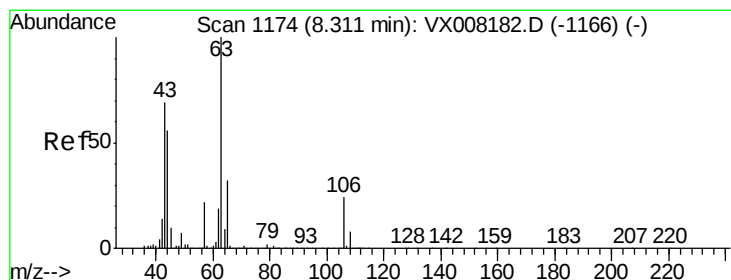
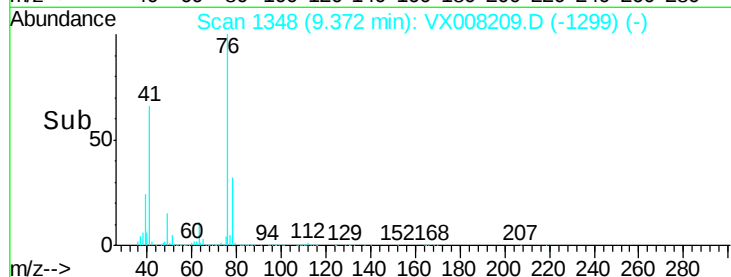
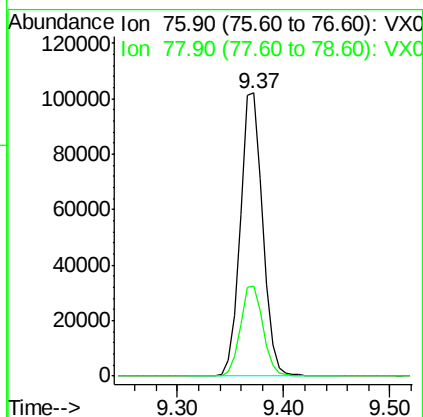
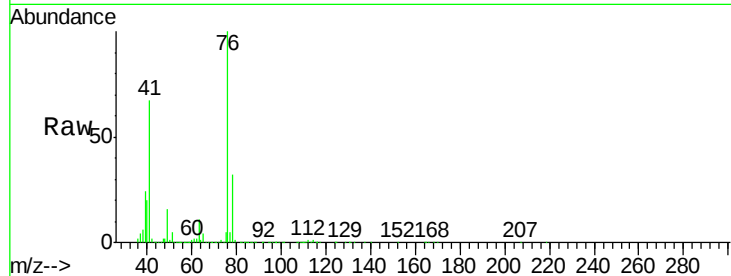
ClientSampleId :

Tot Ion: 76 Resp: 150807

Ion Ratio Lower Upper

76 100

78 32.3 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 95.906 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008209.D

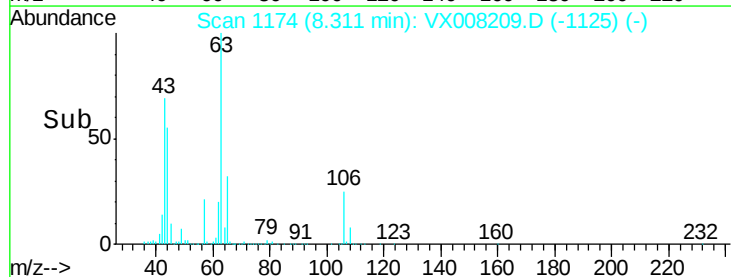
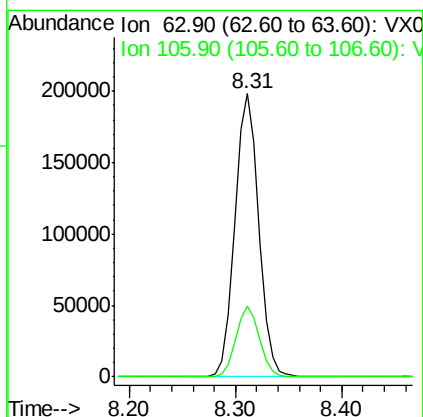
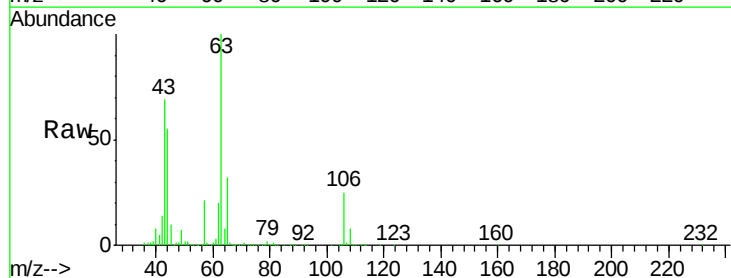
Acq: 19 Mar 2019 23:53

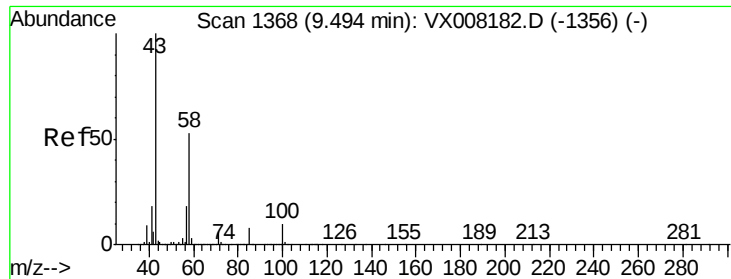
Tgt Ion: 63 Resp: 310796

Ion Ratio Lower Upper

63 100

106 24.7 22.2 33.2

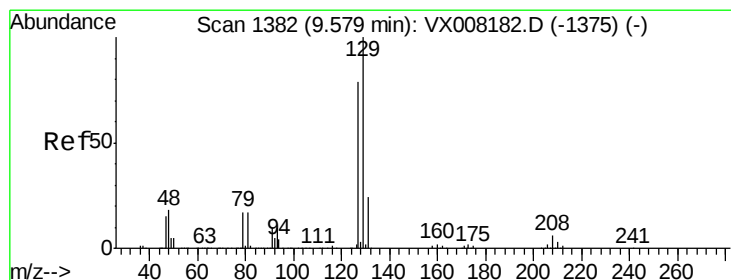
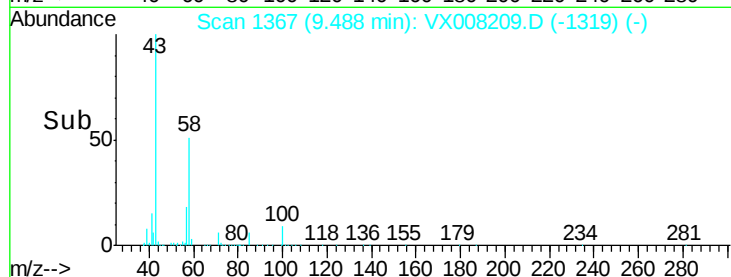
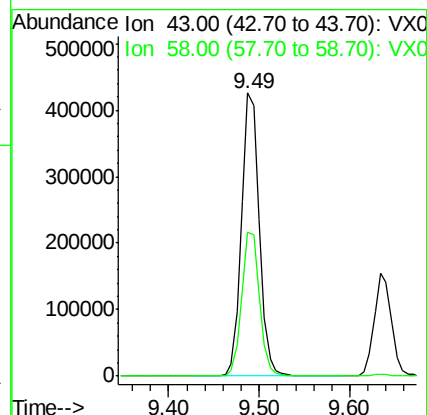
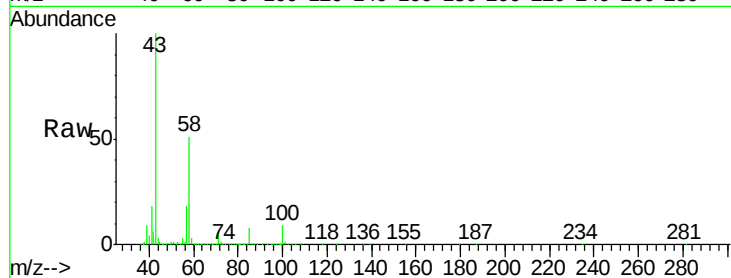




#59
2-Hexanone
Concen: 110.253 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VX008209.D
Acq: 19 Mar 2019 23:53

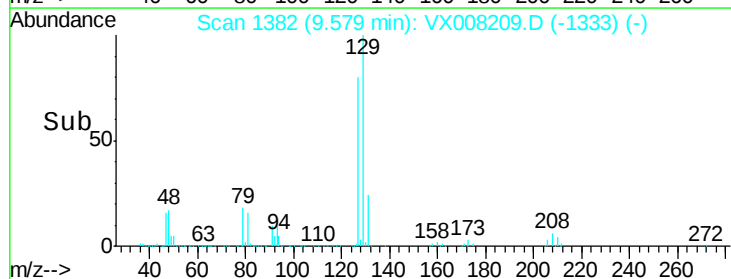
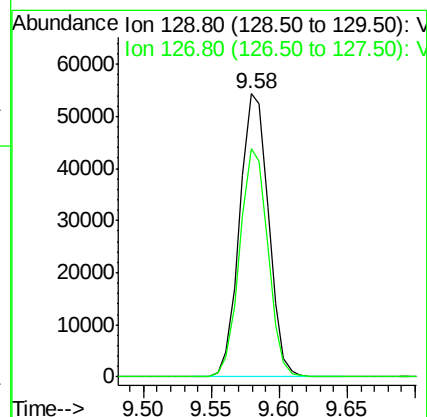
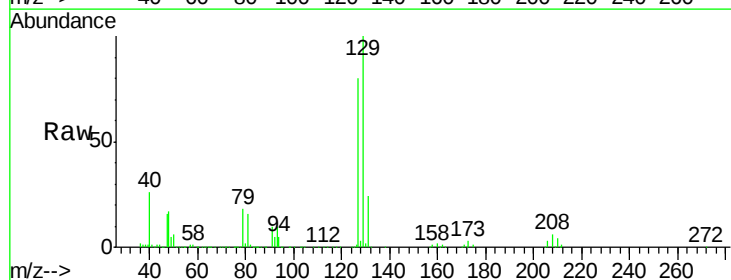
Instrument :
MSVOA_X
ClientSampleId :

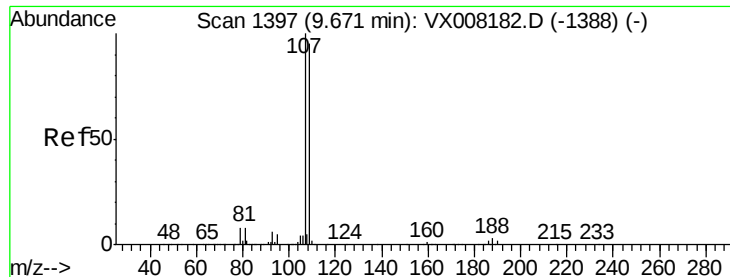
Tot Ion: 43 Resp: 579670
Ion Ratio Lower Upper
43 100
58 51.2 27.6 82.7



#60
Dibromochloromethane
Concen: 21.199 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008209.D
Acq: 19 Mar 2019 23:53

Tgt Ion: 129 Resp: 80581
Ion Ratio Lower Upper
129 100
127 78.7 38.3 114.8





#61

1,2-Dibromoethane

Concen: 21.242 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008209.D

Acq: 19 Mar 2019 23:53

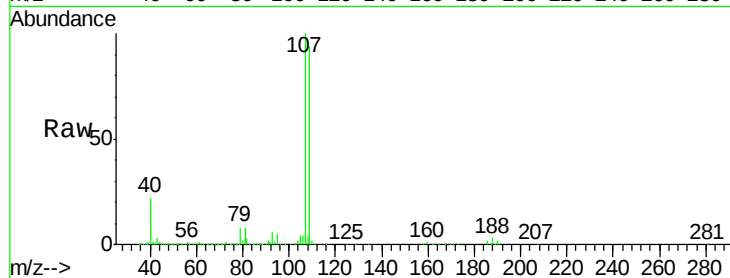
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:107 Resp: 87729

Ion Ratio Lower Upper

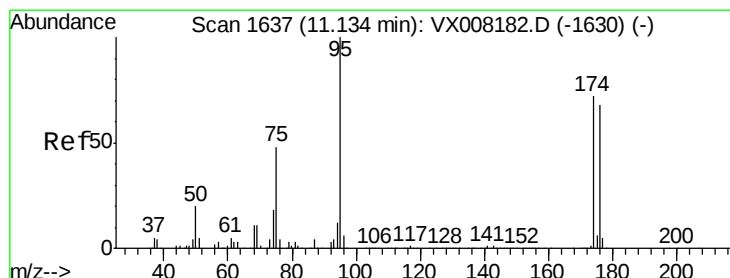
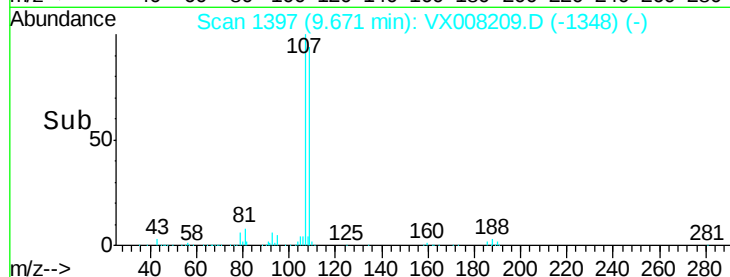
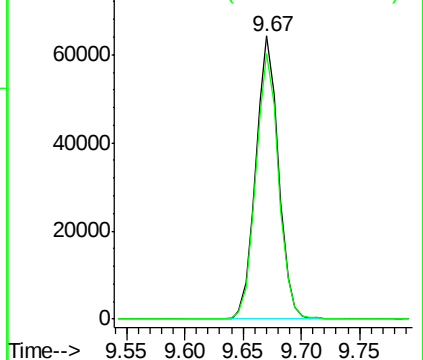
107 100

109 93.7 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: 51.818 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008209.D

Acq: 19 Mar 2019 23:53

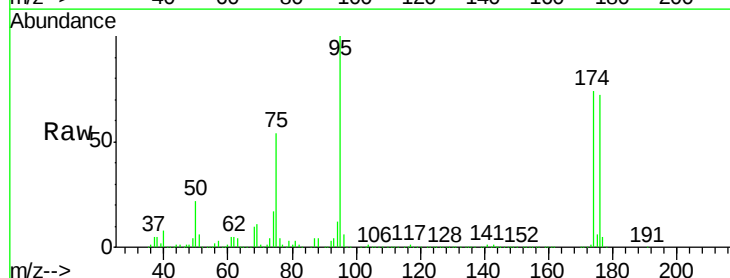
Tgt Ion: 95 Resp: 216840

Ion Ratio Lower Upper

95 100

174 78.8 0.0 182.8

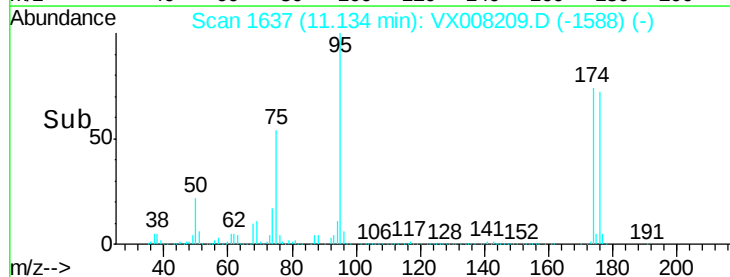
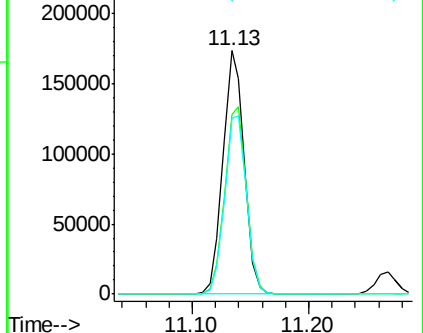
176 75.9 0.0 178.0

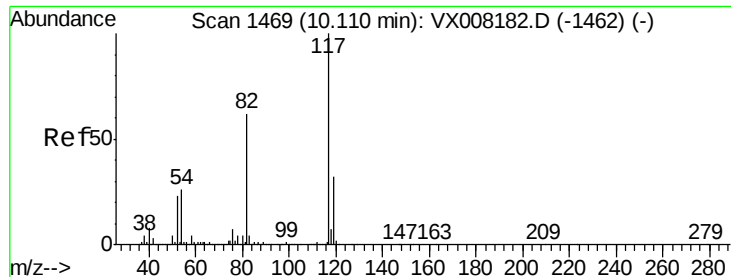


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

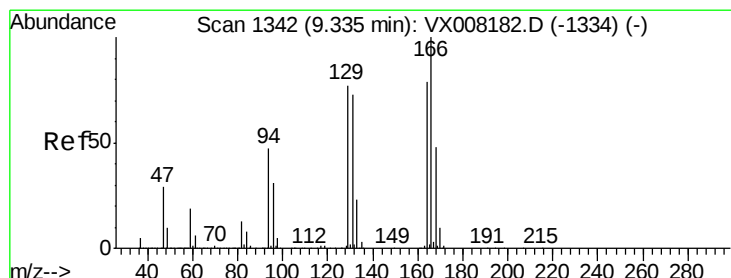
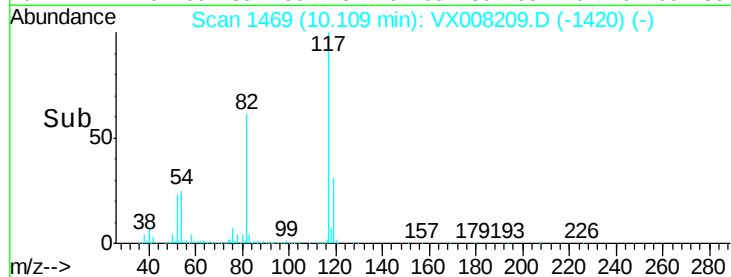
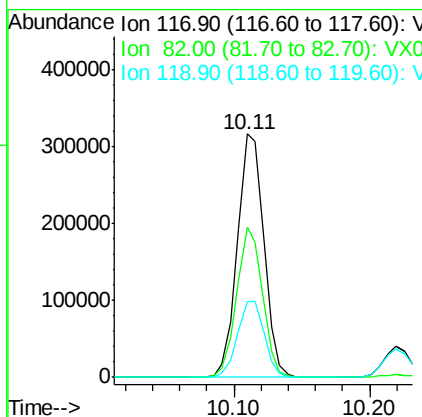
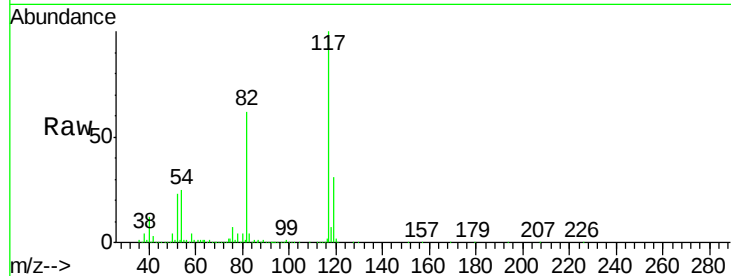




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008209.D
Acq: 19 Mar 2019 23:53

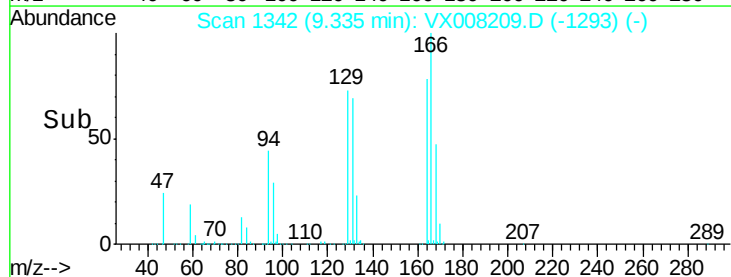
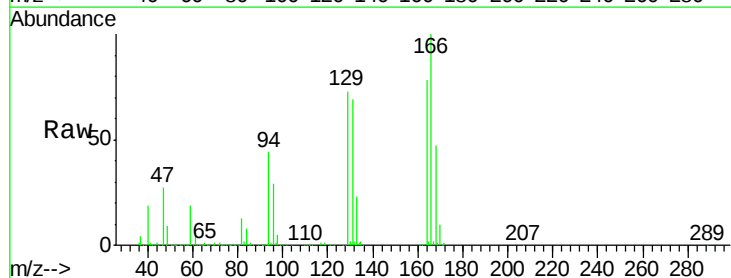
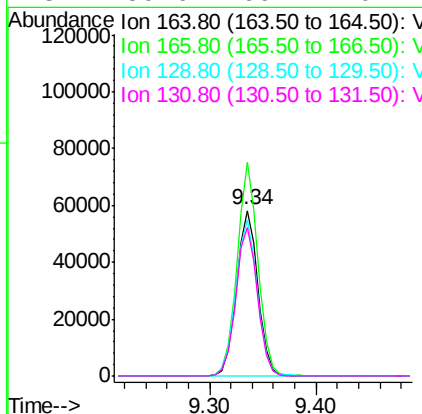
Instrument :
MSVOA_X
ClientSampleId :

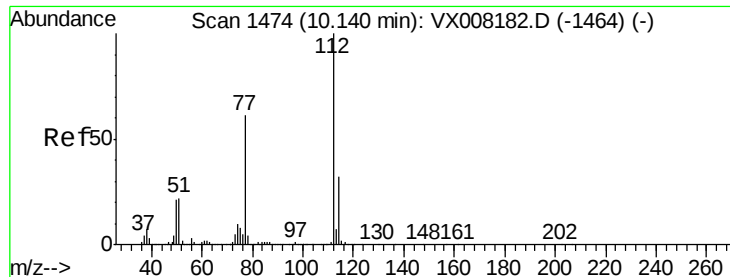
Tot Ion:117 Resp: 428003
Ion Ratio Lower Upper
117 100
82 61.5 44.3 66.5
119 31.1 25.3 37.9



#64
Tetrachloroethene
Concen: 21.249 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008209.D
Acq: 19 Mar 2019 23:53

Tgt Ion:164 Resp: 82052
Ion Ratio Lower Upper
164 100
166 129.0 103.4 155.0
129 94.4 72.2 108.4
131 89.6 69.4 104.2

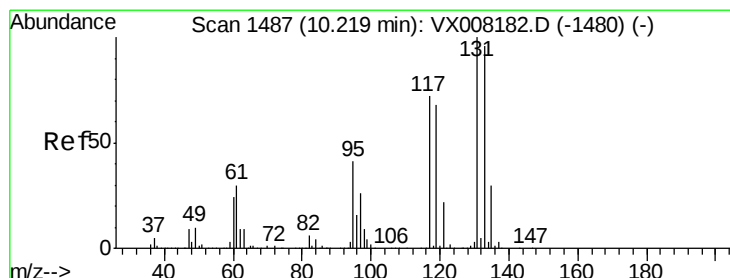
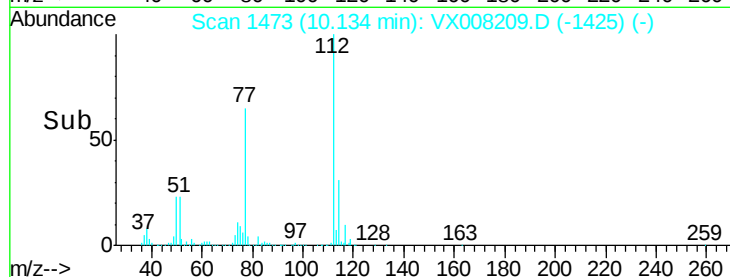
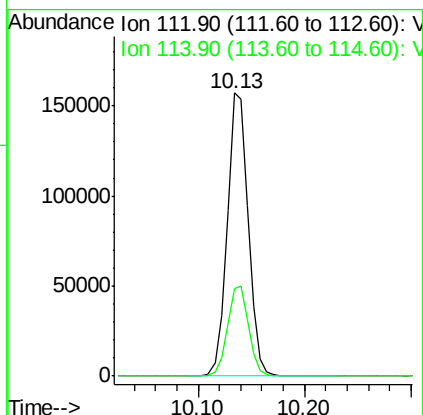
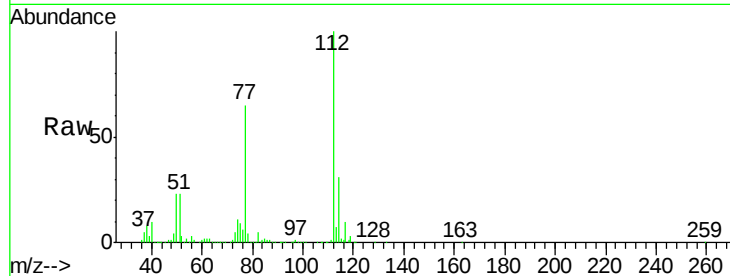




#65
Chlorobenzene
Concen: 20.623 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX008209.D
Acq: 19 Mar 2019 23:53

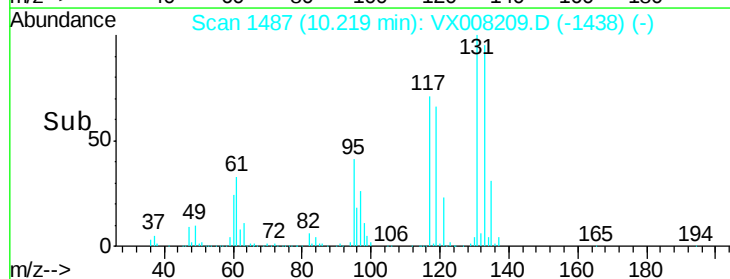
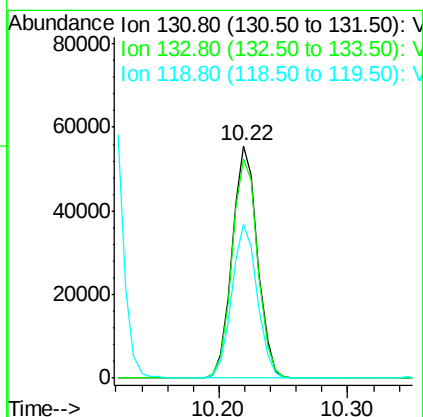
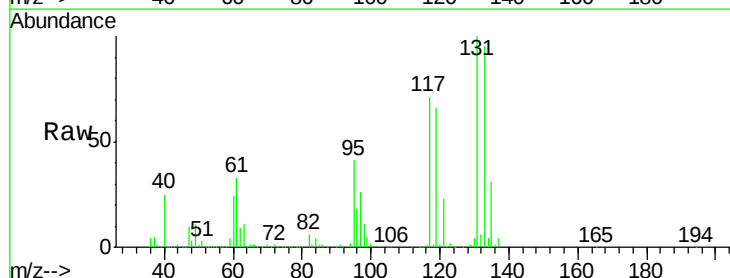
Instrument :
MSVOA_X
ClientSampleId :

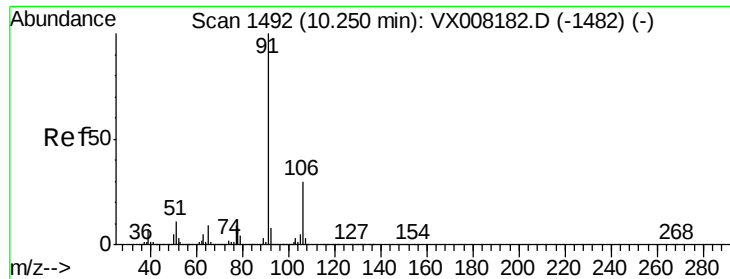
Tot Ion:112 Resp: 217191
Ion Ratio Lower Upper
112 100
114 30.9 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 20.731 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008209.D
Acq: 19 Mar 2019 23:53

Tgt Ion:131 Resp: 76123
Ion Ratio Lower Upper
131 100
133 95.8 47.8 143.3
119 66.6 32.5 97.5

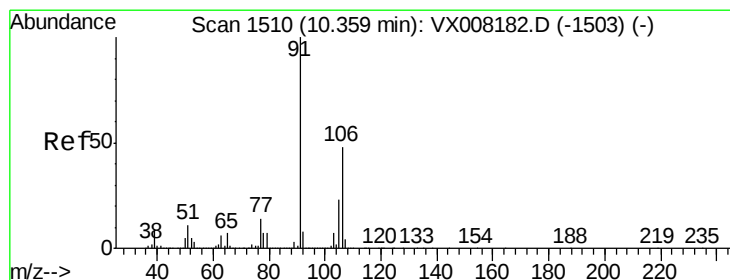
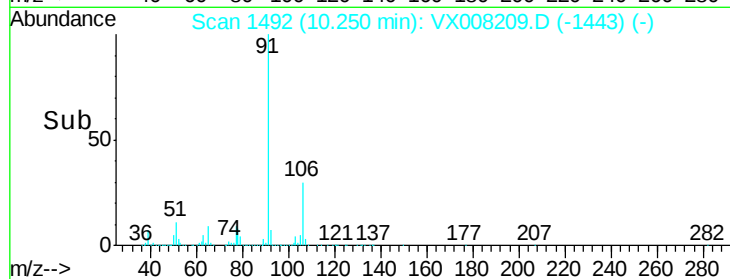
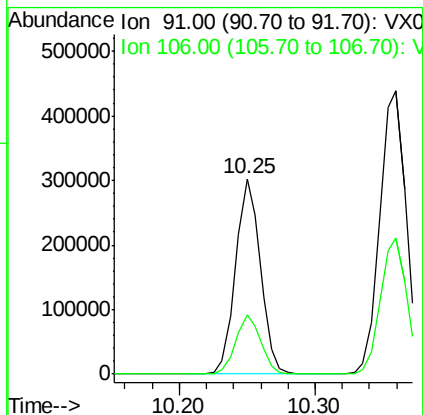
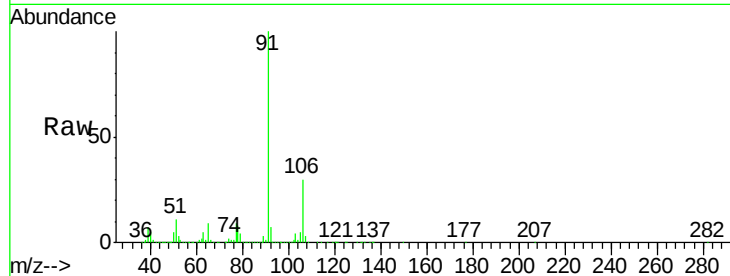




#67
Ethyl Benzene
Concen: 20.668 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008209.D
Acq: 19 Mar 2019 23:53

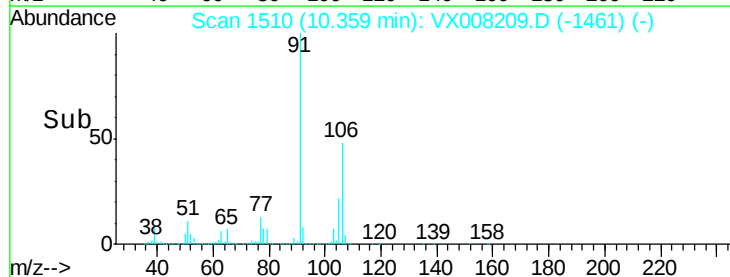
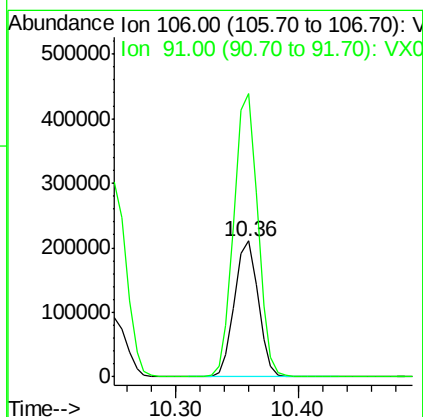
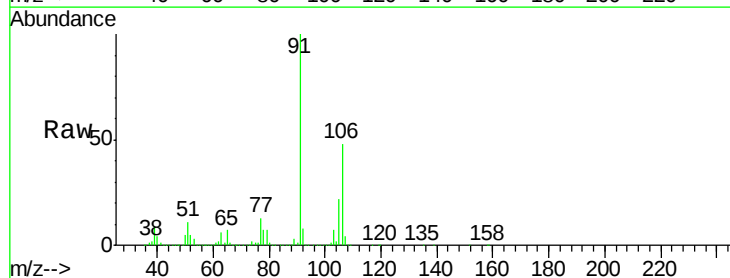
Instrument :
MSVOA_X
ClientSampleId :

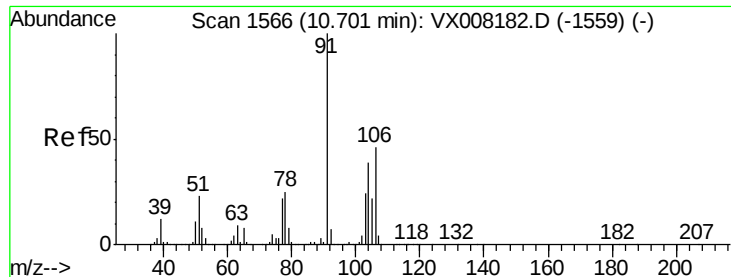
Tot Ion: 91 Resp: 383573
Ion Ratio Lower Upper
91 100
106 30.0 25.2 37.8



#68
m/p-Xylenes
Concen: 41.419 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008209.D
Acq: 19 Mar 2019 23:53

Tgt Ion: 106 Resp: 282362
Ion Ratio Lower Upper
106 100
91 209.9 159.8 239.6

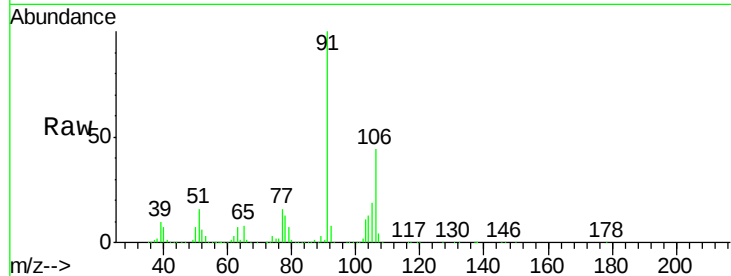




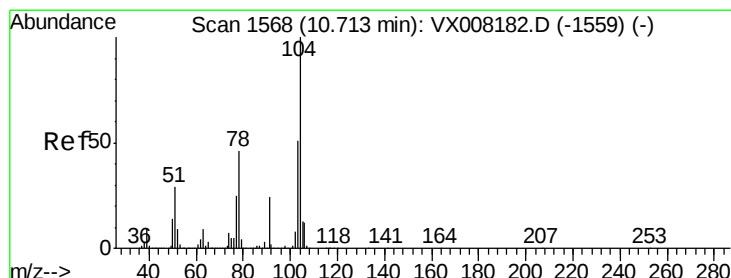
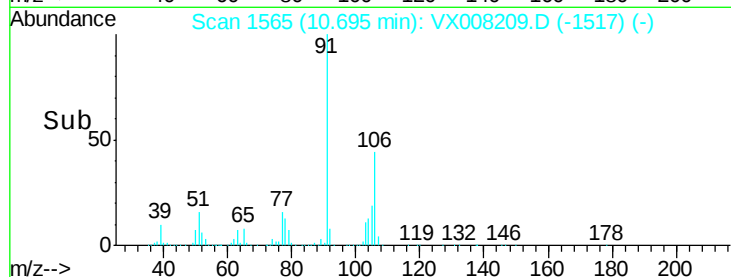
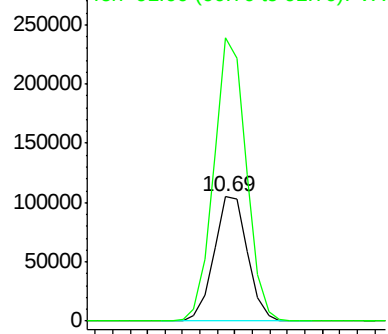
#69
o-Xylene
Concen: 20.981 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008209.D
Acq: 19 Mar 2019 23:53

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 138985
Ion Ratio Lower Upper
106 100
91 221.3 106.3 318.9

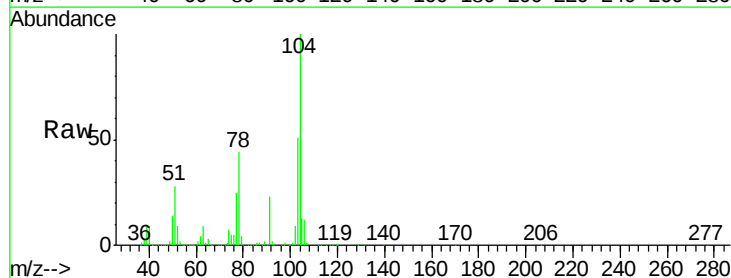


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

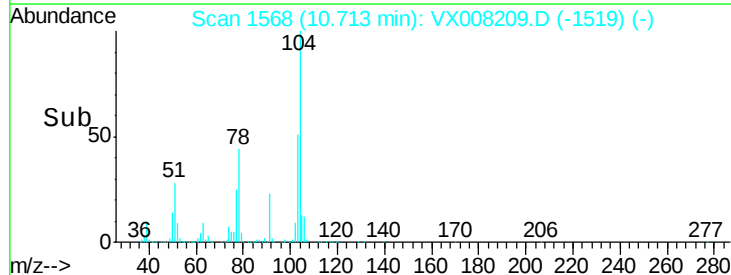
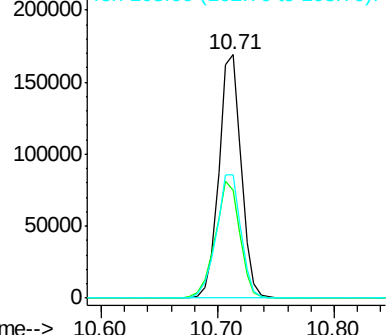


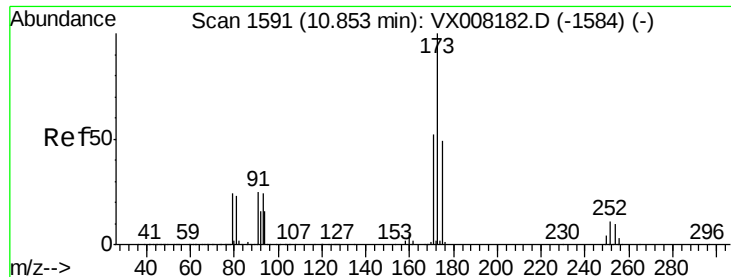
#70
Styrene
Concen: 21.040 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008209.D
Acq: 19 Mar 2019 23:53

Tgt Ion:104 Resp: 226514
Ion Ratio Lower Upper
104 100
78 53.1 38.5 57.7
103 56.2 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: 19.907 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX008209.D

Acq: 19 Mar 2019 23:53

Instrument :

MSVOA_X

ClientSampled :

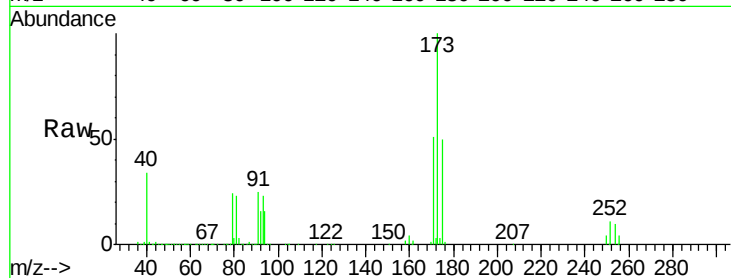
Tot Ion:173 Resp: 58594

Ion Ratio Lower Upper

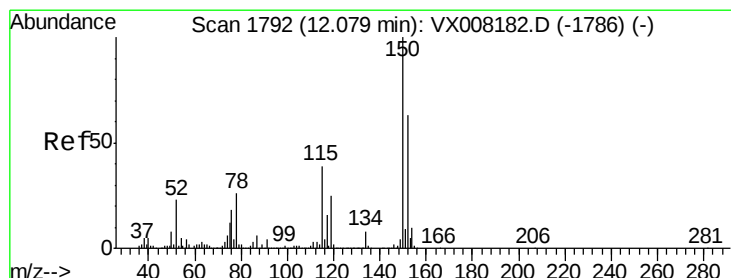
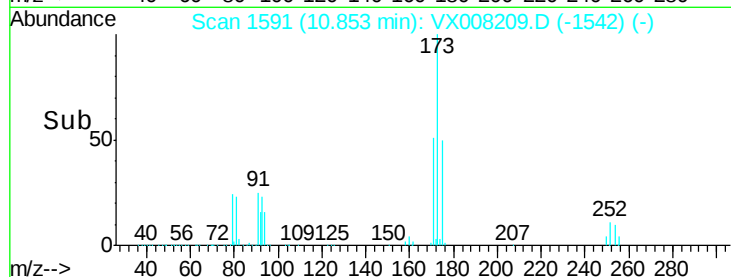
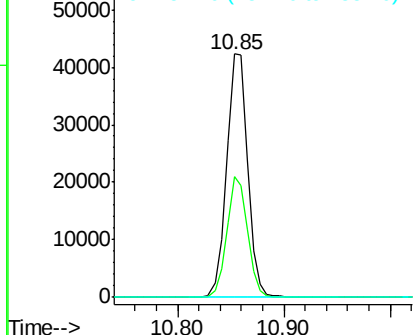
173 100

175 48.4 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: VX008209.D

Acq: 19 Mar 2019 23:53

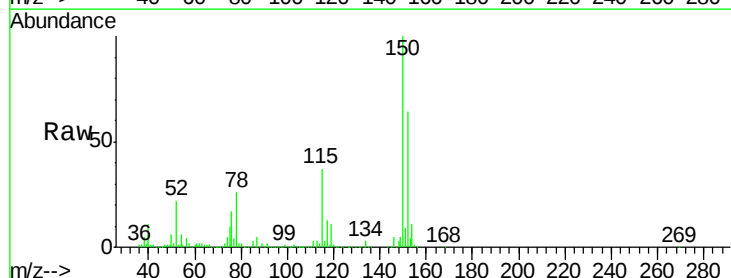
Tgt Ion:152 Resp: 196886

Ion Ratio Lower Upper

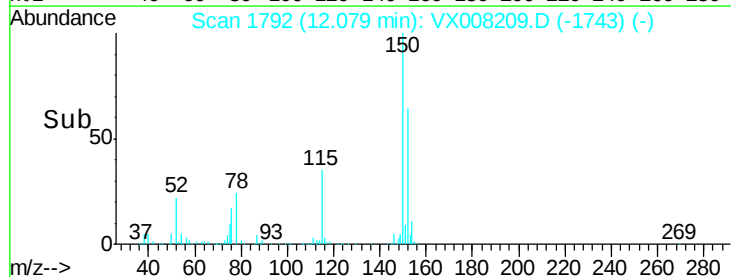
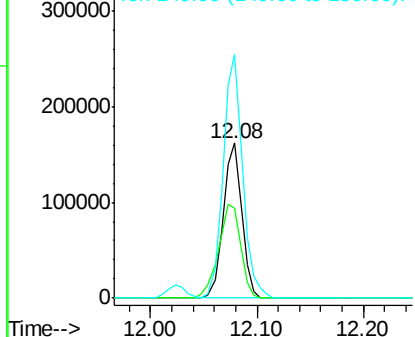
152 100

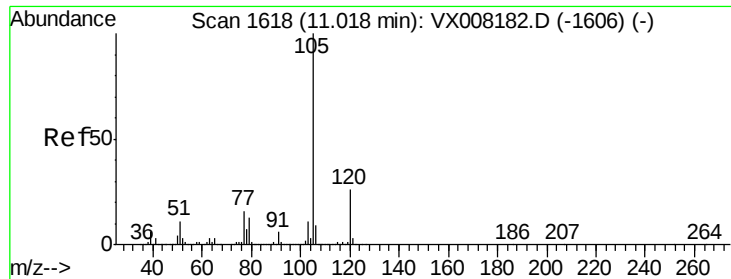
115 71.9 38.6 115.7

150 164.7 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: 21.107 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008209.D

Acq: 19 Mar 2019 23:53

Instrument :

MSVOA_X

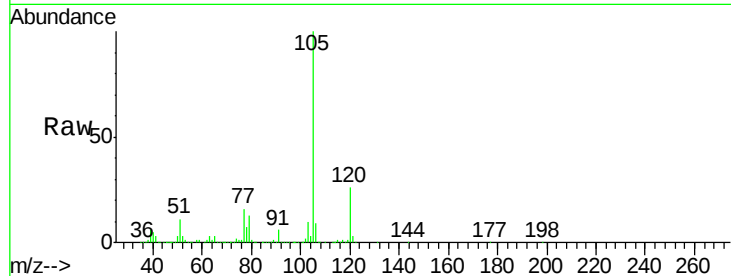
ClientSampleId :

Tot Ion:105 Resp: 370421

Ion Ratio Lower Upper

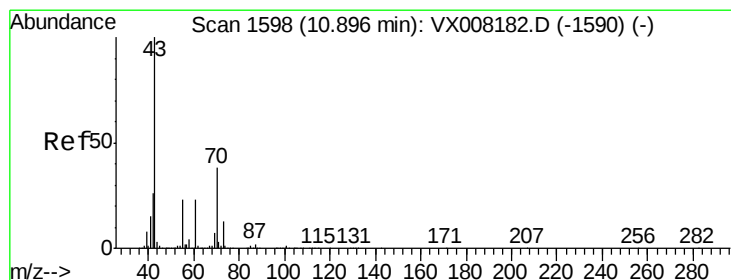
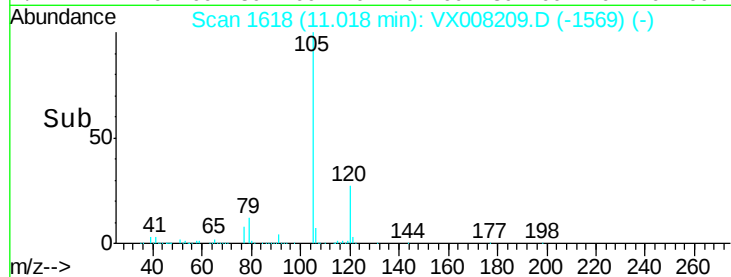
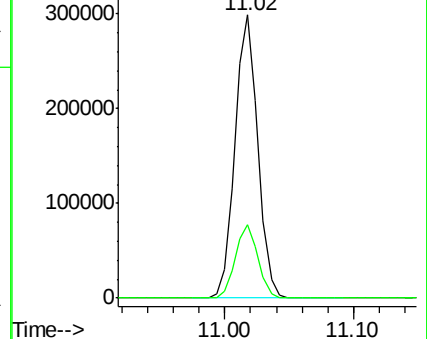
105 100

120 25.6 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: 21.137 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008209.D

Acq: 19 Mar 2019 23:53

Tgt Ion: 43 Resp: 194347

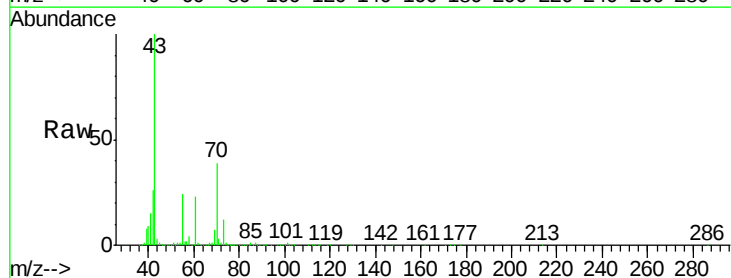
Ion Ratio Lower Upper

43 100

70 39.1 33.5 50.3

55 24.1 19.2 28.8

61 22.7 19.0 28.6

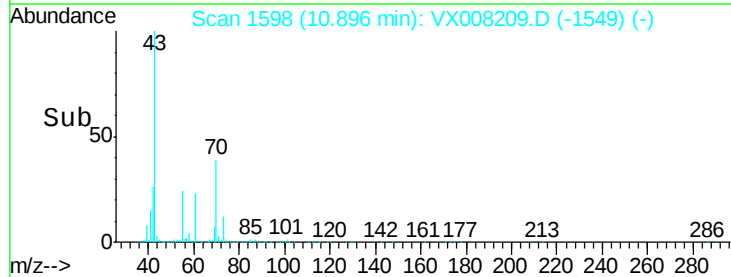
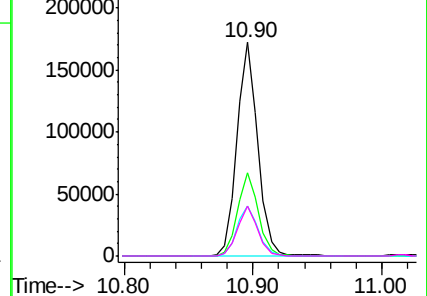


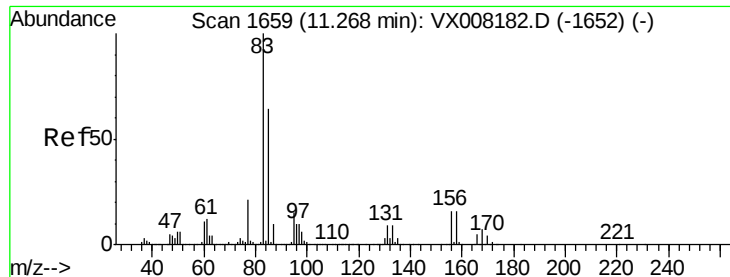
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 21.149 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008209.D

Acq: 19 Mar 2019 23:53

Instrument :

MSVOA_X

ClientSampleId :

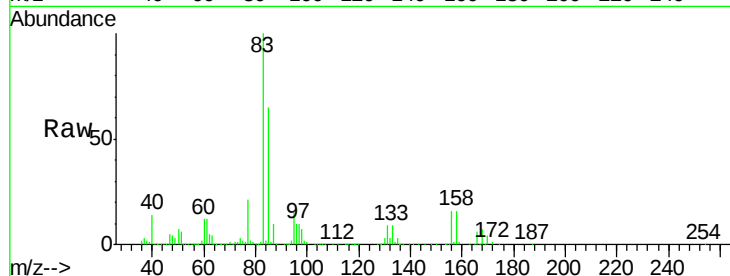
Tot Ion: 83 Resp: 133089

Ion Ratio Lower Upper

83 100

131 9.3 5.4 16.2

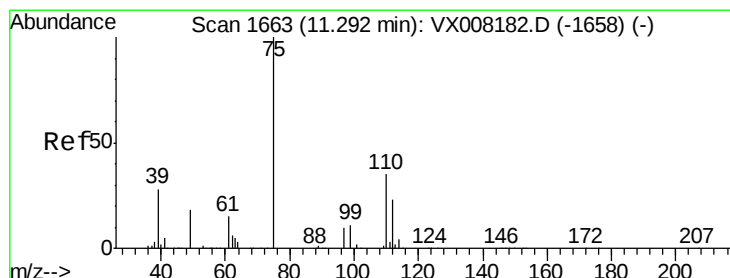
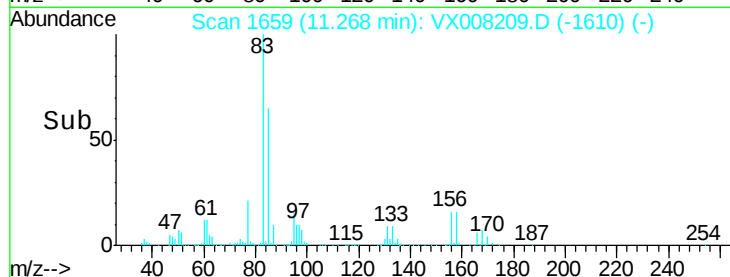
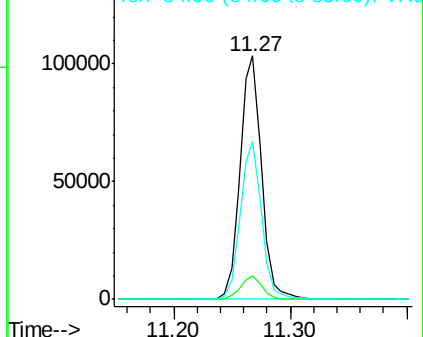
85 64.2 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 28.026 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX008209.D

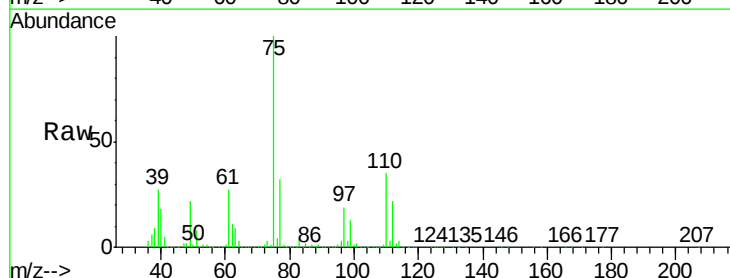
Acq: 19 Mar 2019 23:53

Tgt Ion: 75 Resp: 155197

Ion Ratio Lower Upper

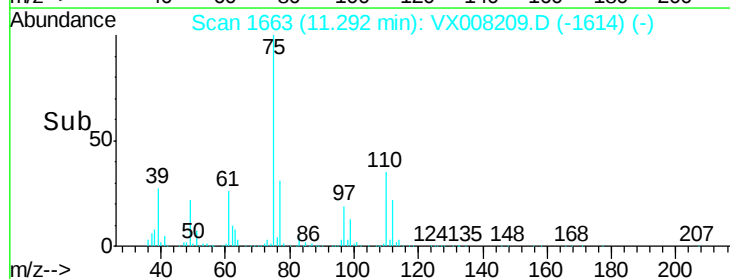
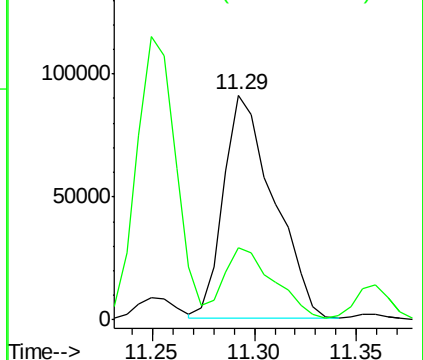
75 100

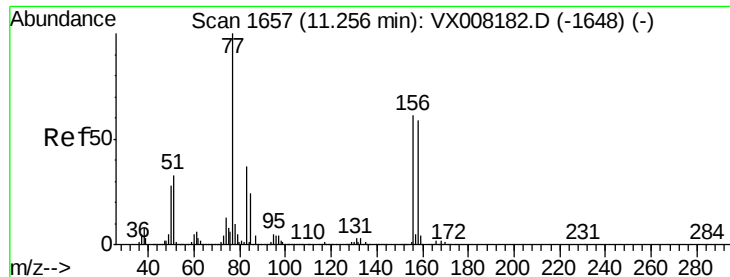
77 32.6 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.934 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008209.D

Acq: 19 Mar 2019 23:53

Instrument :

MSVOA_X

ClientSampleId :

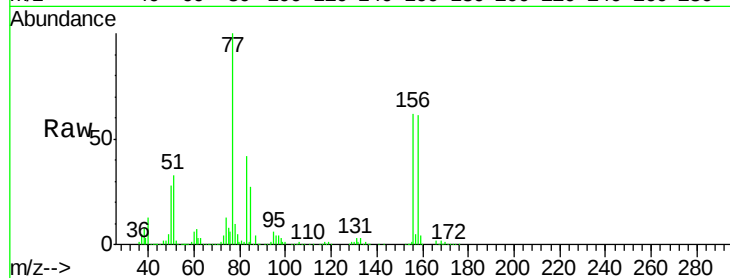
Tot Ion:156 Resp: 88825

Ion Ratio Lower Upper

156 100

77 173.1 72.0 215.9

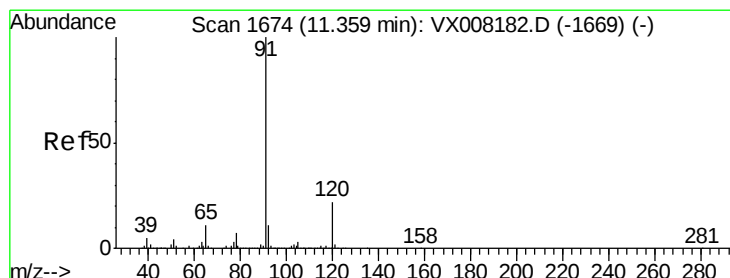
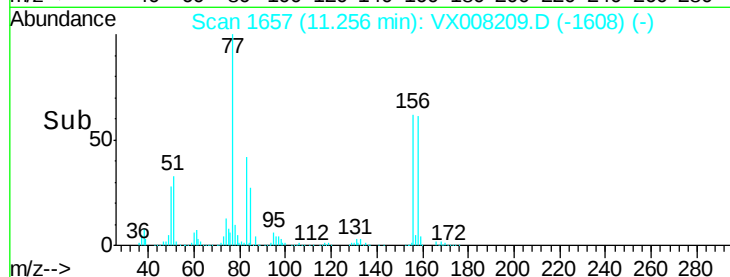
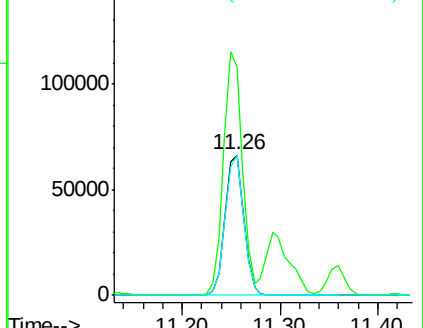
158 98.0 48.6 145.9



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: 20.831 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008209.D

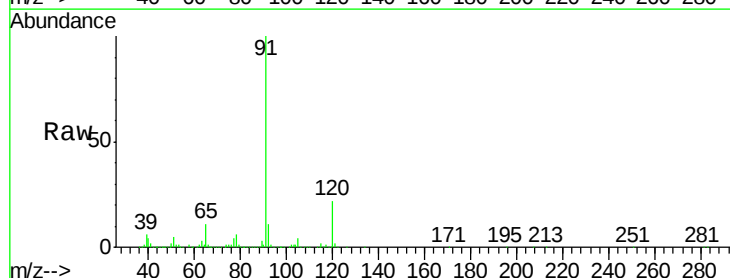
Acq: 19 Mar 2019 23:53

Tgt Ion: 91 Resp: 424603

Ion Ratio Lower Upper

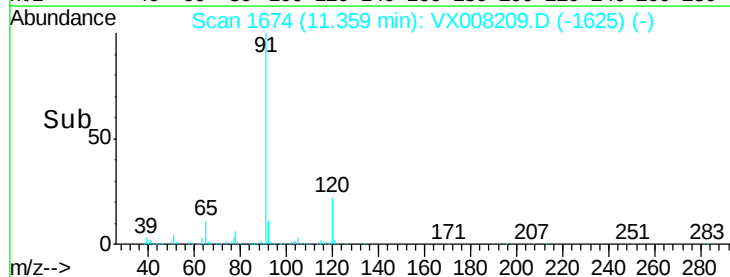
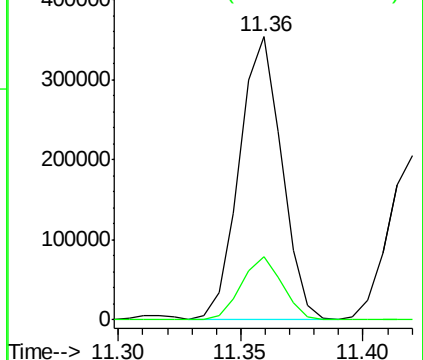
91 100

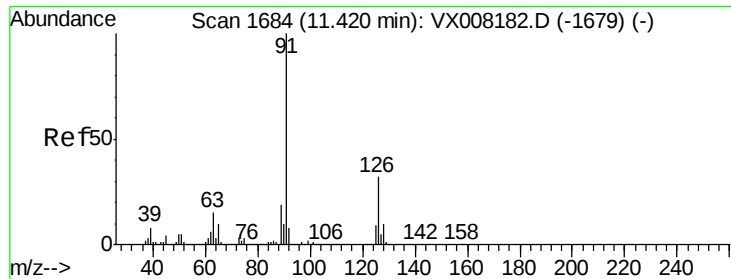
120 21.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

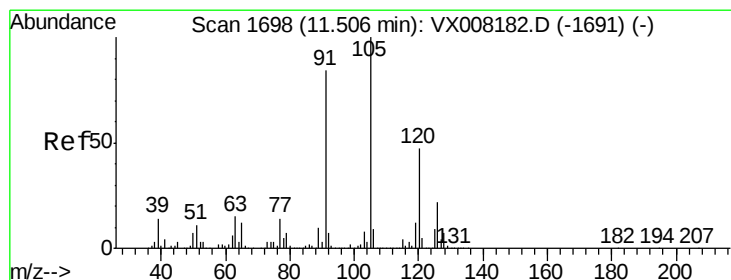
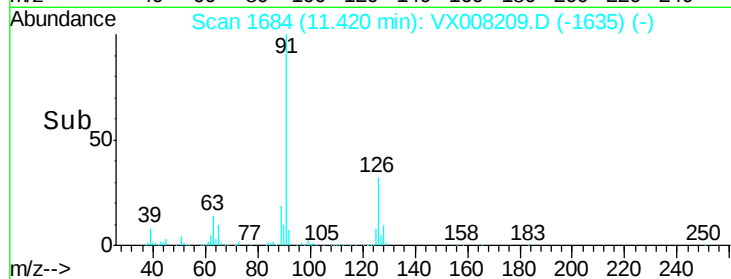
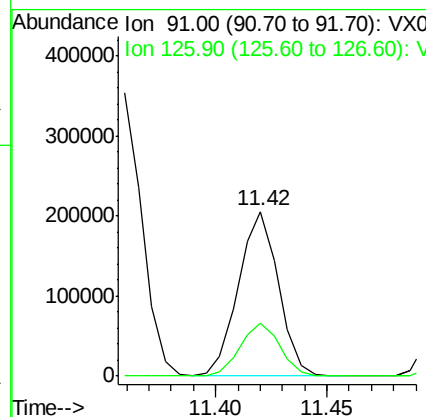
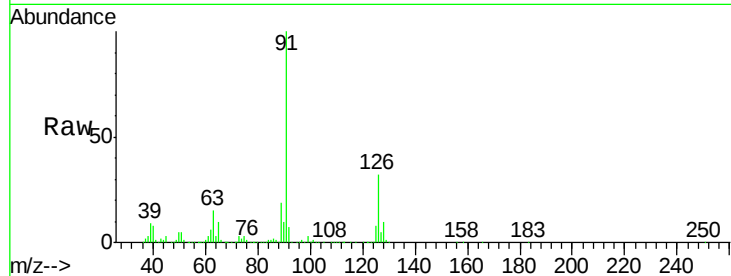




#79
 2-Chlorotoluene
 Concen: 20.914 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX008209.D
 Acq: 19 Mar 2019 23:53

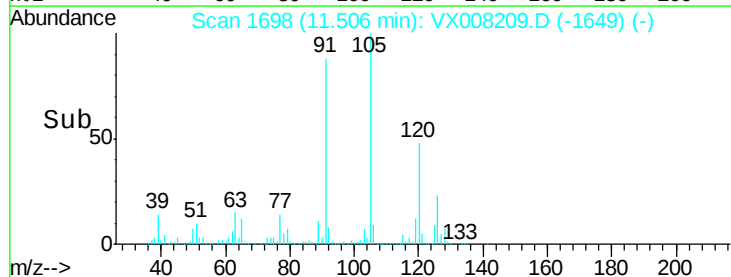
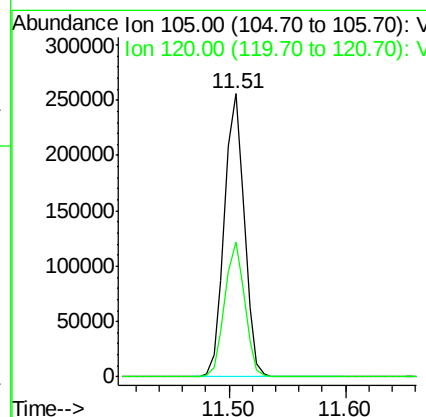
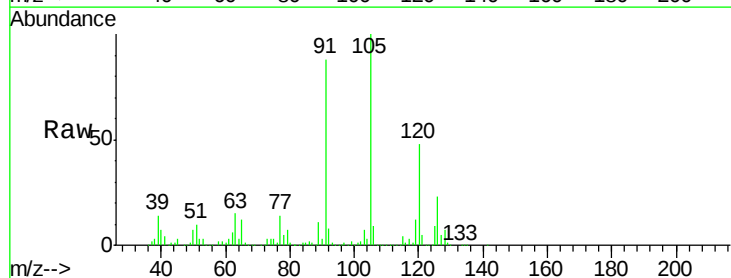
Instrument :
 MSVOA_X
 ClientSampleId :

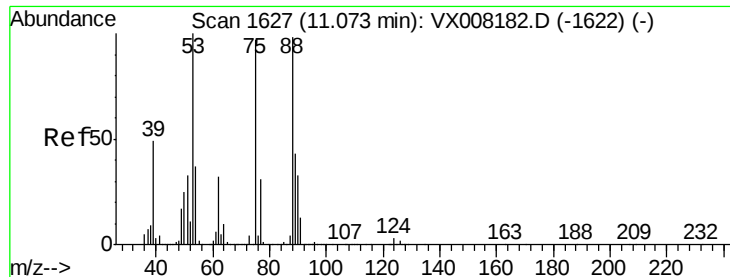
Tot Ion: 91 Resp: 255868
 Ion Ratio Lower Upper
 91 100
 126 32.2 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 20.830 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008209.D
 Acq: 19 Mar 2019 23:53

Tgt Ion: 105 Resp: 302012
 Ion Ratio Lower Upper
 105 100
 120 47.8 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 18.206 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008209.D

Acq: 19 Mar 2019 23:53

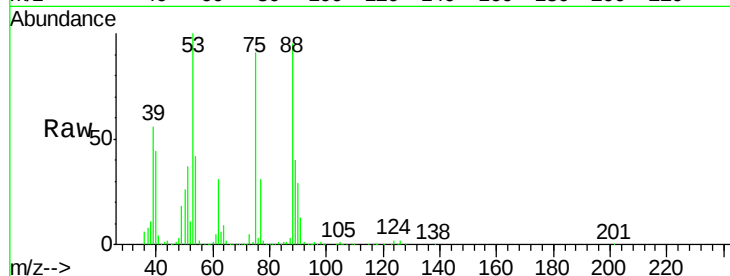
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 75 Resp: 37503

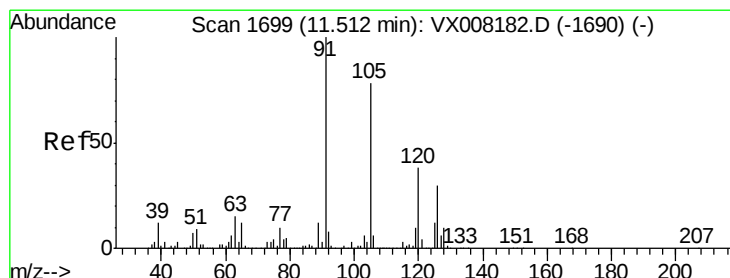
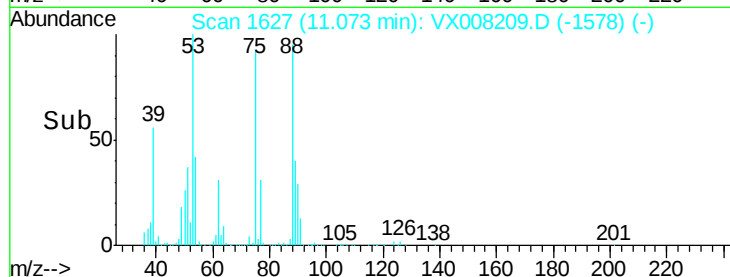
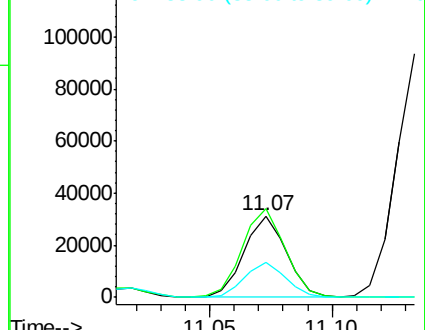
Ion	Ratio	Lower	Upper
75	100		
53	111.1	76.1	114.1
89	44.0	36.3	54.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.523 ug/l

RT: 11.51 min Scan# 1698

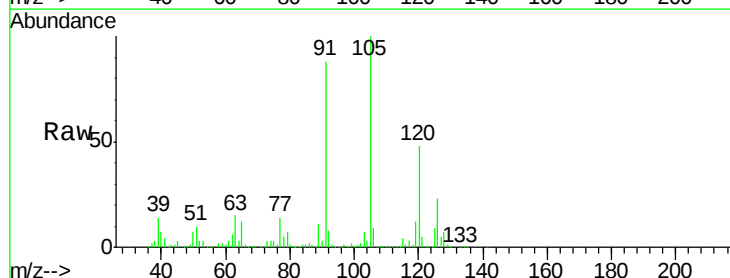
Delta R.T. -0.01 min

Lab File: VX008209.D

Acq: 19 Mar 2019 23:53

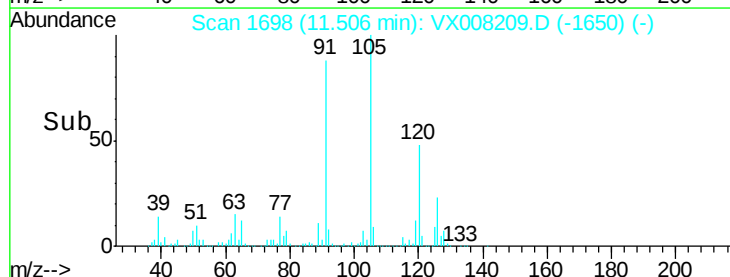
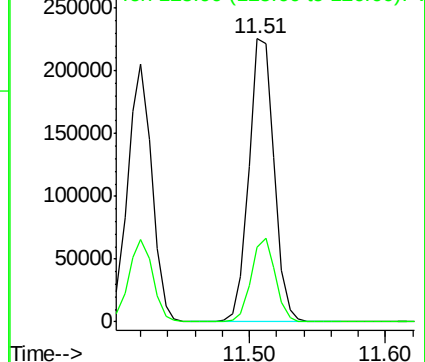
Tgt Ion: 91 Resp: 292166

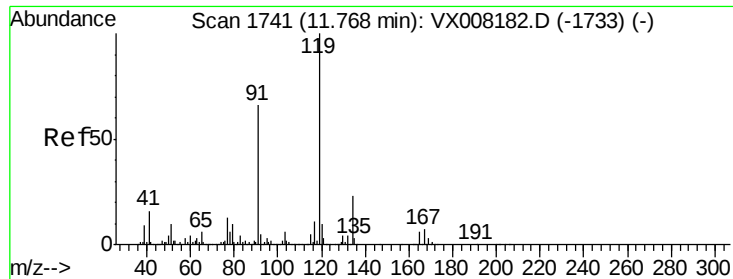
Ion	Ratio	Lower	Upper
91	100		
126	28.4	15.6	46.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

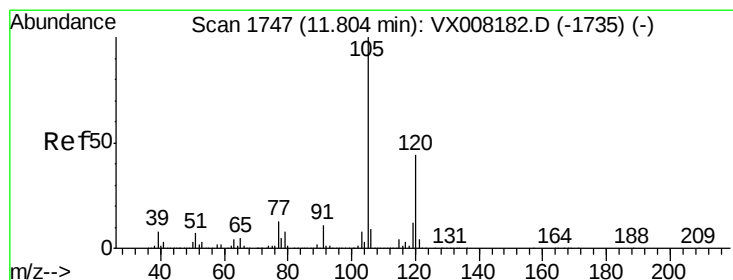
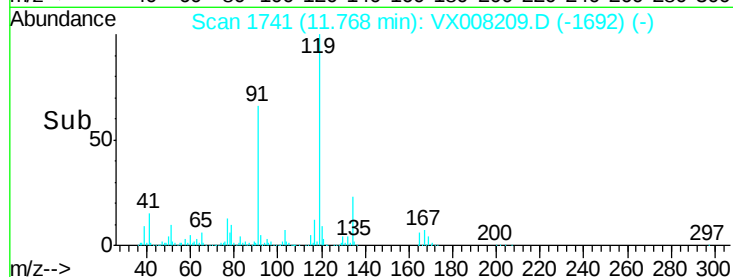
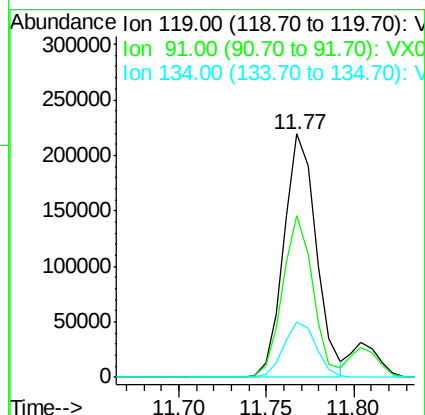
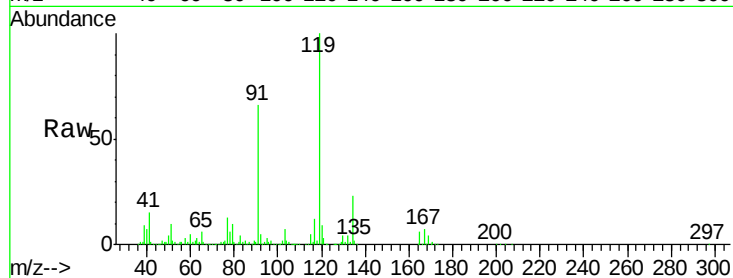




#83
tert-Butylbenzene
Concen: 20.526 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX008209.D
Acq: 19 Mar 2019 23:53

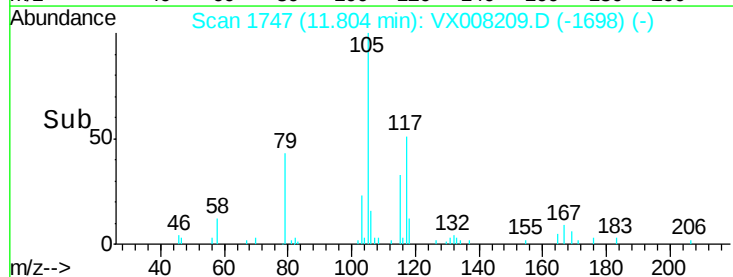
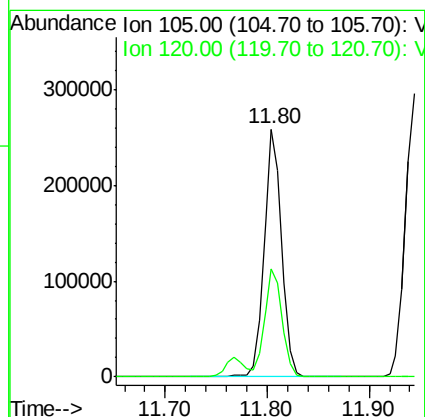
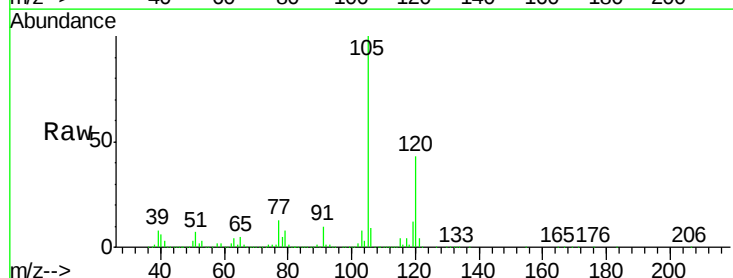
Instrument :
MSVOA_X
ClientSampleId :

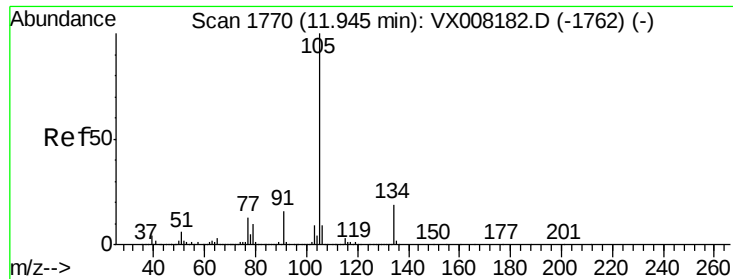
Tot Ion:119 Resp: 284129
Ion Ratio Lower Upper
119 100
91 62.8 27.1 81.3
134 22.8 11.4 34.1



#84
1,2,4-Trimethylbenzene
Concen: 21.092 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008209.D
Acq: 19 Mar 2019 23:53

Tgt Ion:105 Resp: 310023
Ion Ratio Lower Upper
105 100
120 43.2 22.6 67.7





#85

sec-Butylbenzene

Concen: 20.850 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008209.D

Acq: 19 Mar 2019 23:53

Instrument :

MSVOA_X

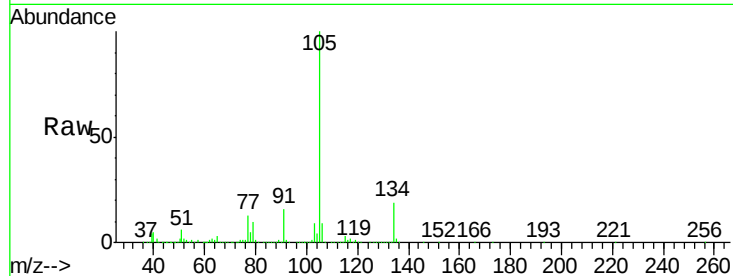
ClientSampleId :

Tot Ion:105 Resp: 357413

Ion Ratio Lower Upper

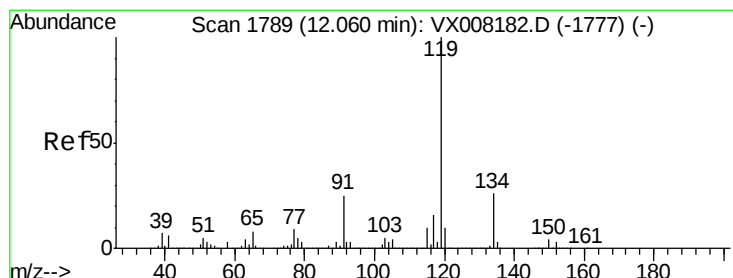
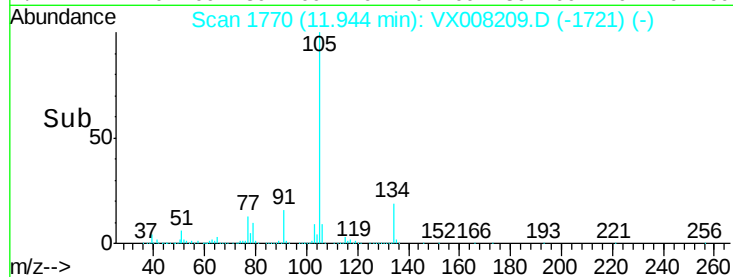
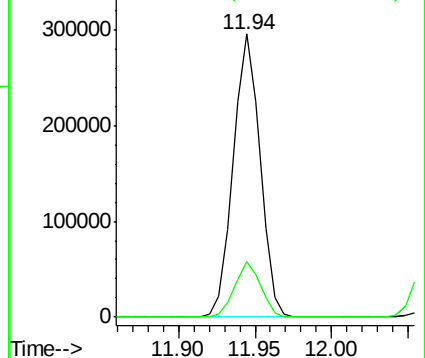
105 100

134 19.3 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: 20.745 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008209.D

Acq: 19 Mar 2019 23:53

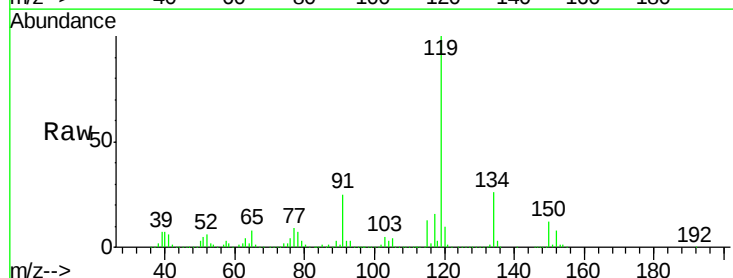
Tgt Ion:119 Resp: 307821

Ion Ratio Lower Upper

119 100

134 25.9 13.3 39.9

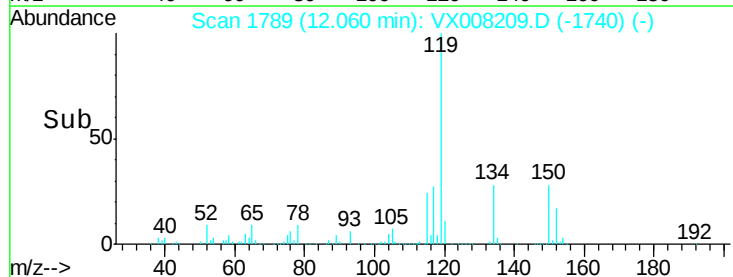
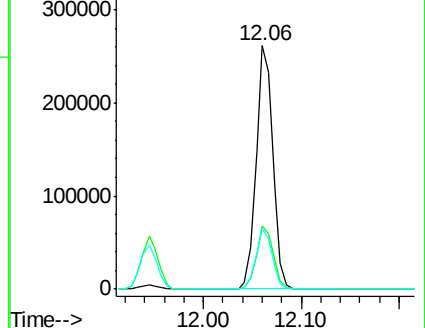
91 24.4 10.9 32.7

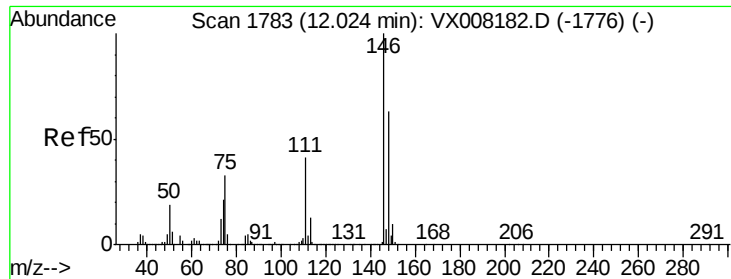


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

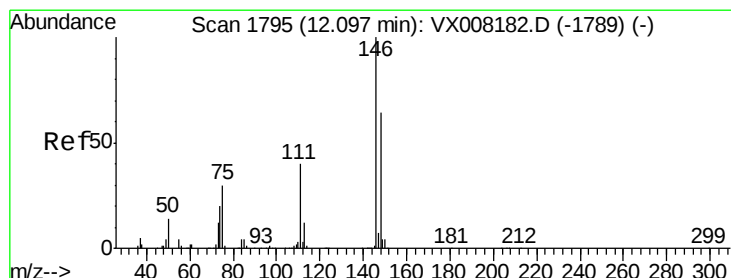
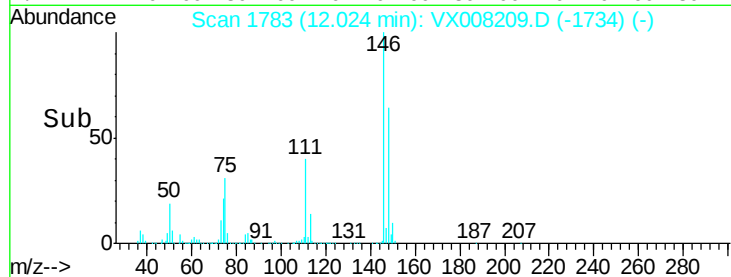
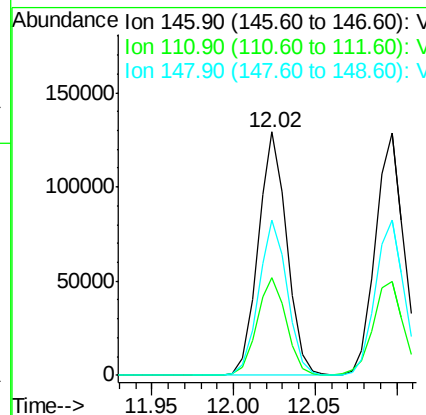
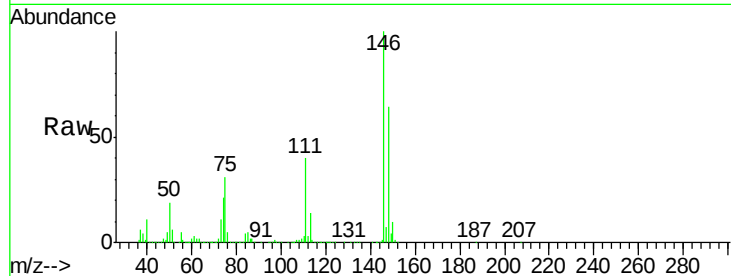




#87
 1,3-Dichlorobenzene
 Concen: 20.748 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008209.D
 Acq: 19 Mar 2019 23:53

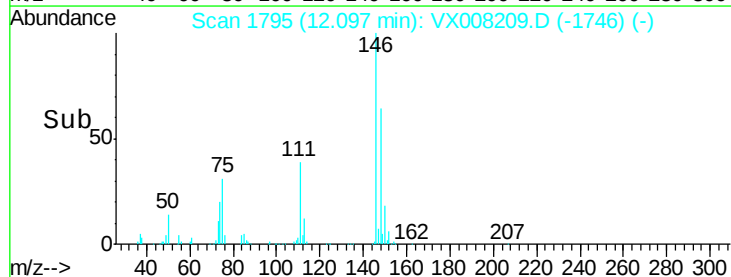
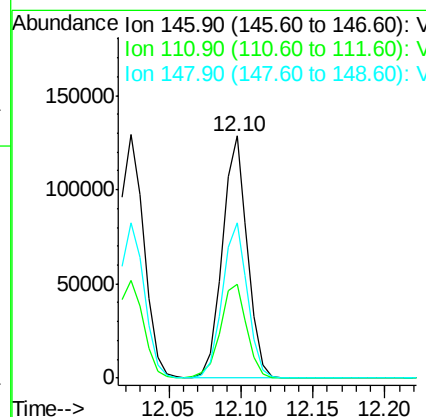
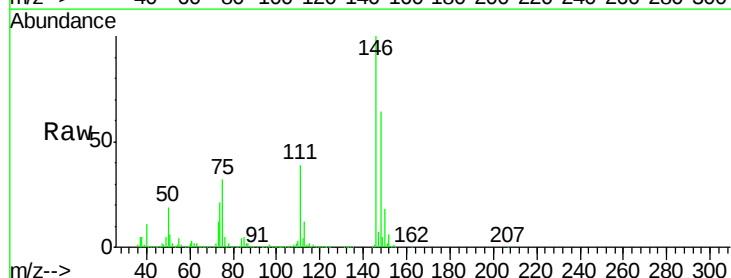
Instrument :
 MSVOA_X
 ClientSampleId :

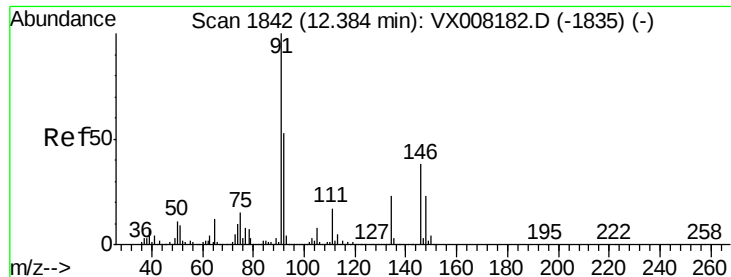
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	18.9	56.7
148	63.6	31.7	95.1



#88
 1,4-Dichlorobenzene
 Concen: 19.858 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008209.D
 Acq: 19 Mar 2019 23:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.3	18.4	55.0
148	64.8	32.2	96.6

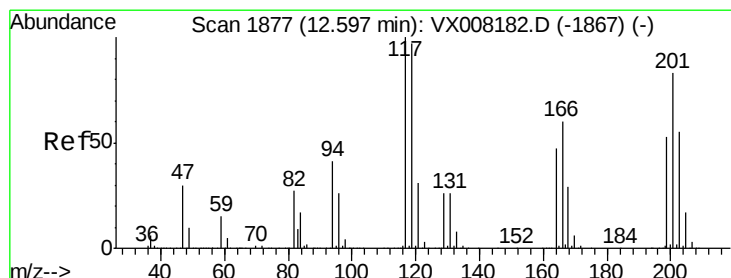
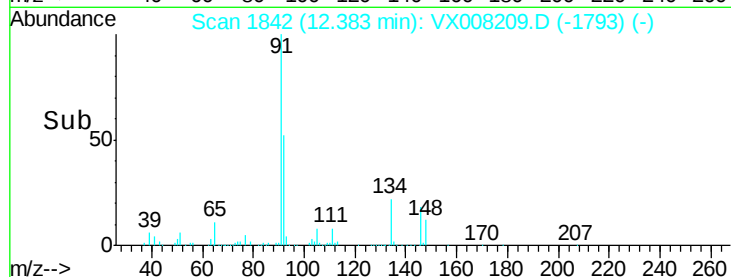
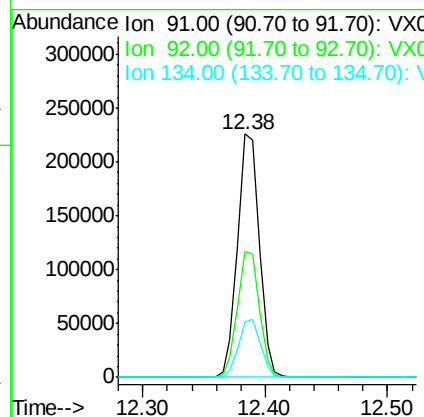
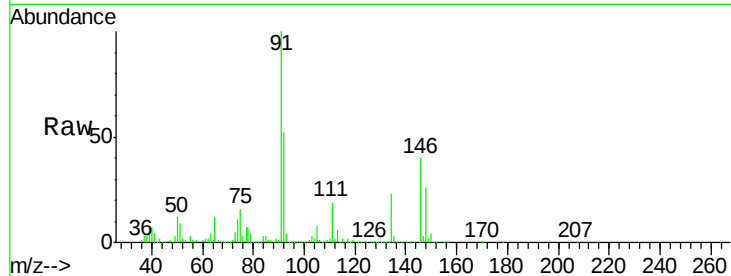




#89
n-Butylbenzene
Concen: 19.851 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008209.D
Acq: 19 Mar 2019 23:53

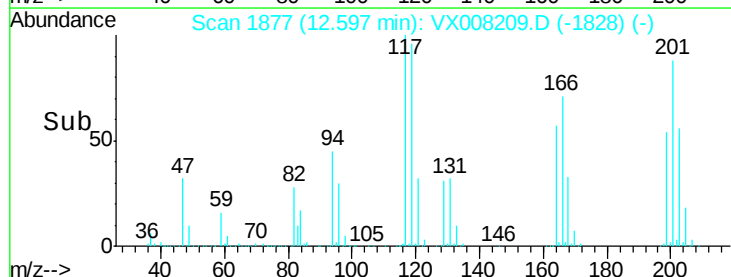
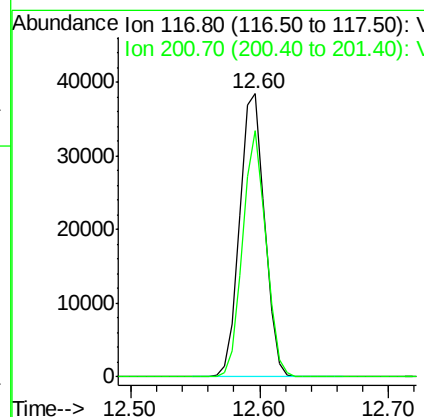
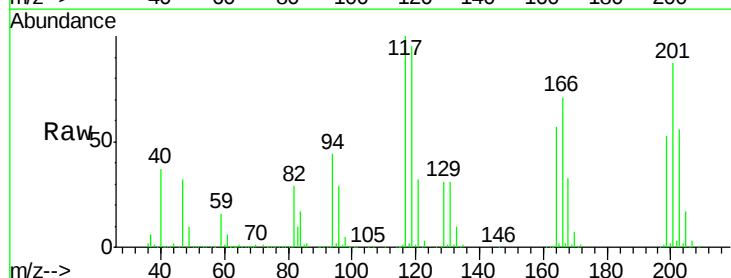
Instrument :
MSVOA_X
ClientSampleId :

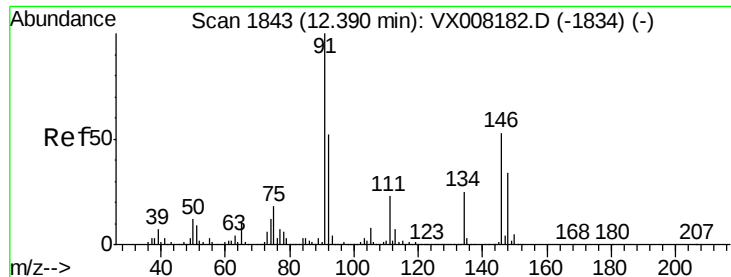
Tot Ion: 91 Resp: 276466
Ion Ratio Lower Upper
91 100
92 52.4 27.0 80.8
134 24.1 13.7 41.0



#90
Hexachloroethane
Concen: 20.564 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008209.D
Acq: 19 Mar 2019 23:53

Tgt Ion: 117 Resp: 51967
Ion Ratio Lower Upper
117 100
201 81.0 48.9 146.7

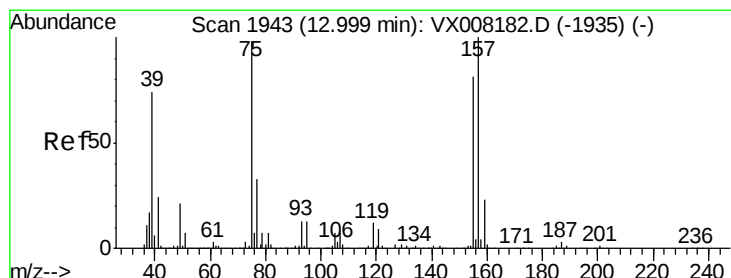
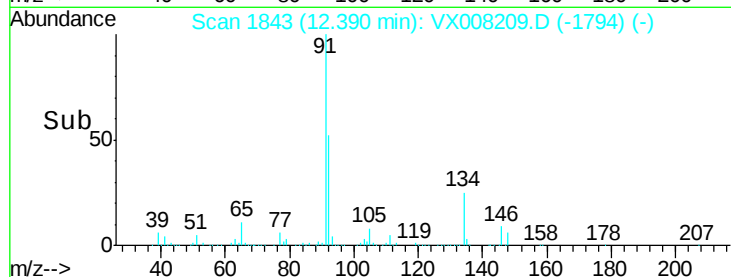
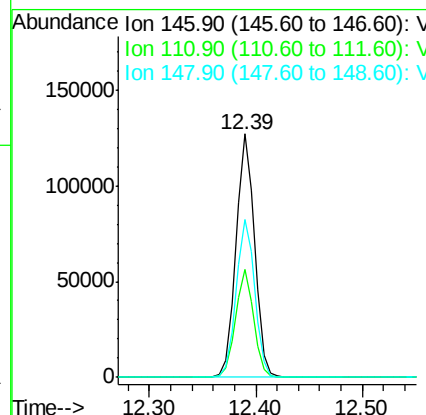
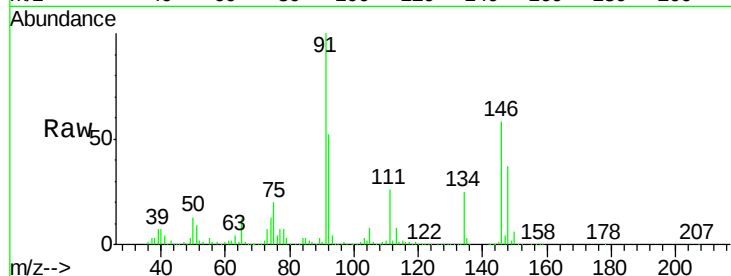




#91
 1,2-Dichlorobenzene
 Concen: 20.432 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008209.D
 Acq: 19 Mar 2019 23:53

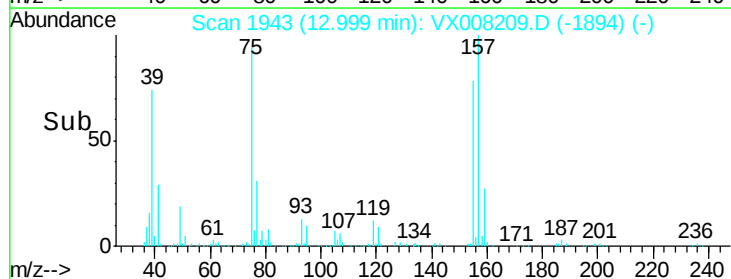
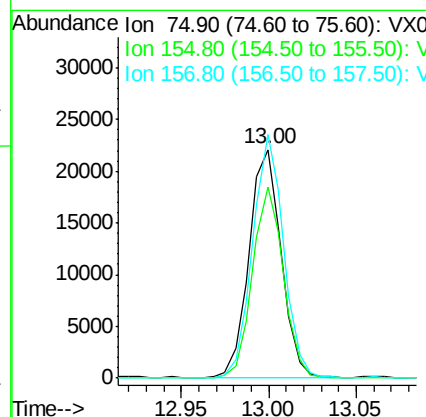
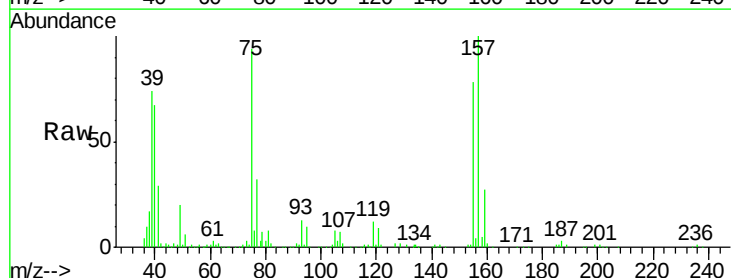
Instrument :
 MSVOA_X
 ClientSampleId :

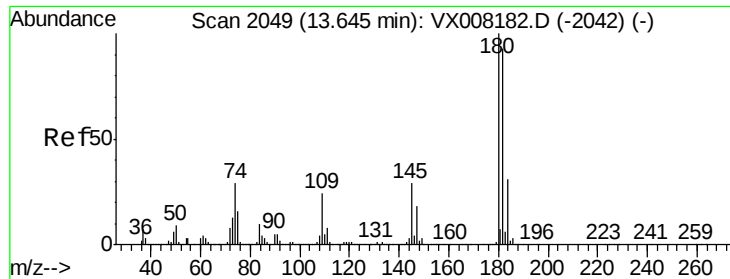
Tot Ion:146 Resp: 156226
 Ion Ratio Lower Upper
 146 100
 111 43.2 19.6 58.8
 148 64.7 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.177 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008209.D
 Acq: 19 Mar 2019 23:53

Tgt Ion: 75 Resp: 28201
 Ion Ratio Lower Upper
 75 100
 155 79.9 49.7 149.1
 157 102.7 63.8 191.4

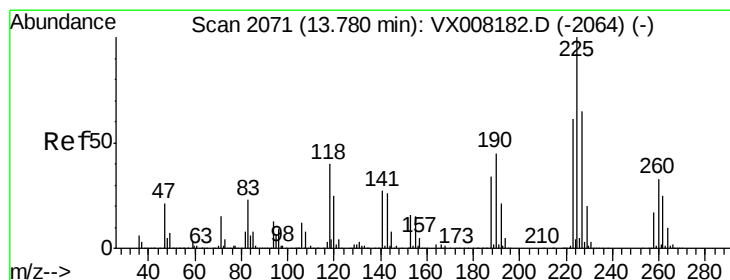
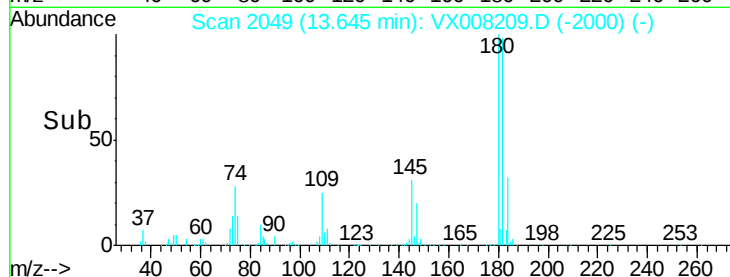
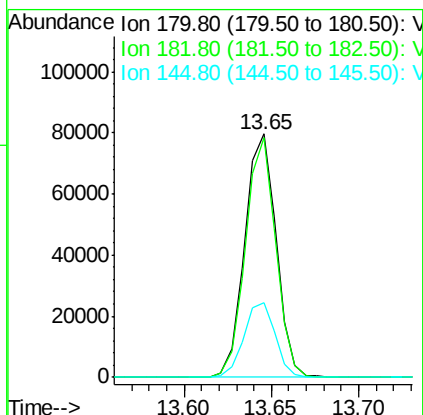
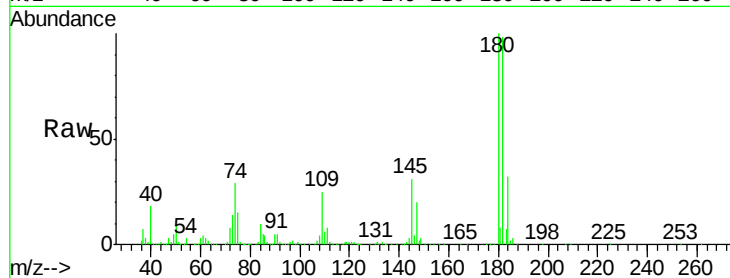




#93
 1,2,4-Trichlorobenzene
 Concen: 19.811 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008209.D
 Acq: 19 Mar 2019 23:53

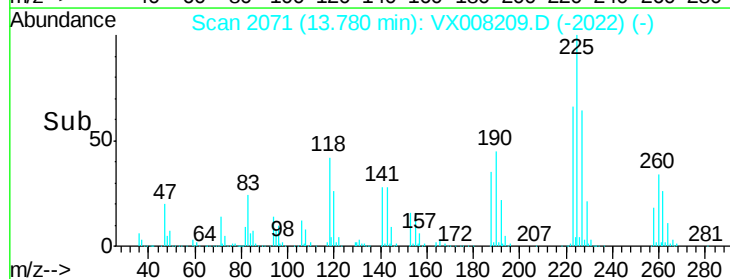
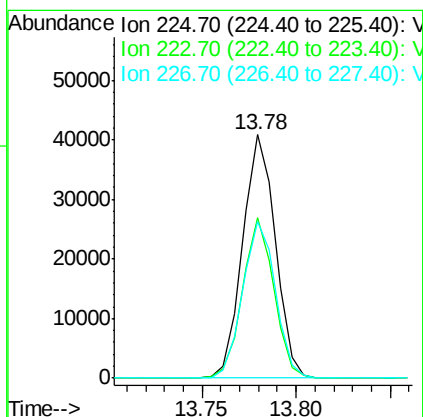
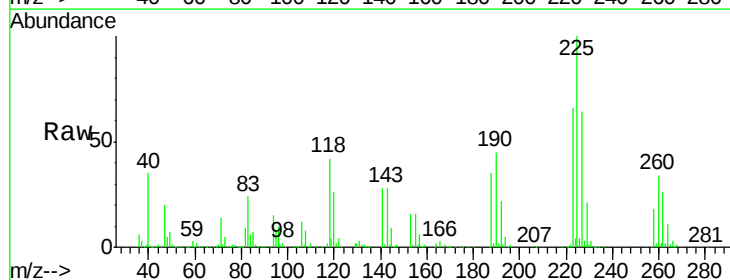
Instrument :
 MSVOA_X
 ClientSampleId :

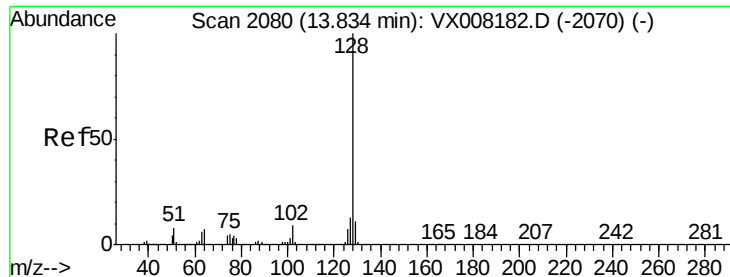
Tot Ion:180 Resp: 99775
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.9 143.7
 145 30.9 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 20.022 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008209.D
 Acq: 19 Mar 2019 23:53

Tgt Ion:225 Resp: 49179
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.1 93.2
 227 64.5 32.0 96.0

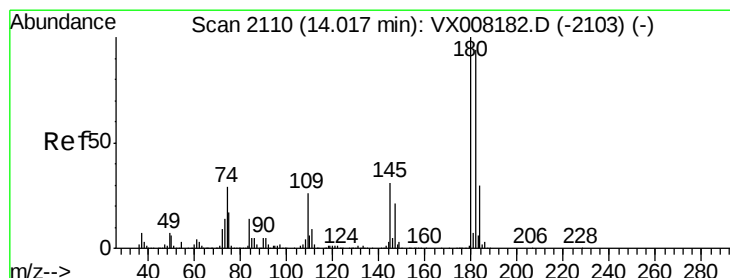
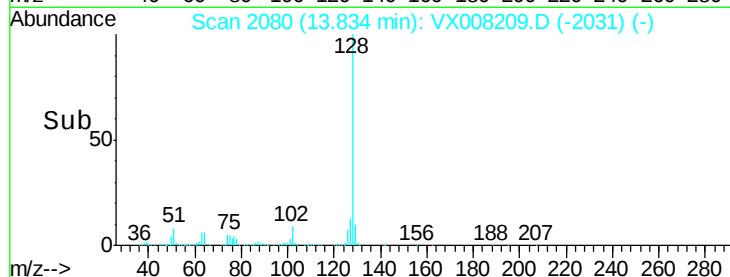
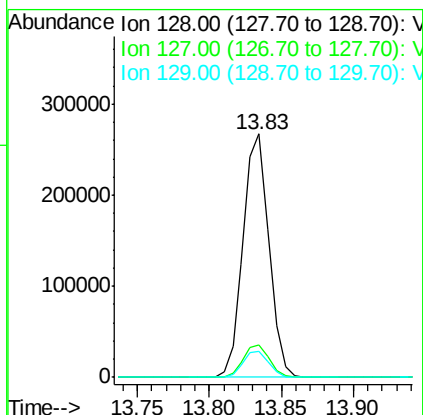
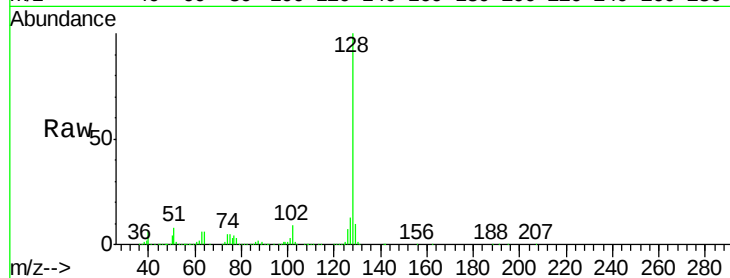




#95
Naphthalene
Concen: 20.931 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008209.D
Acq: 19 Mar 2019 23:53

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 332719
Ion Ratio Lower Upper
128 100
127 13.4 10.3 15.5
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.496 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX008209.D
Acq: 19 Mar 2019 23:53

Tgt Ion:180 Resp: 101570
Ion Ratio Lower Upper
180 100
182 94.3 47.5 142.5
145 31.2 14.8 44.3

