

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052618\
 Data File : VX002041.D
 Acq On : 27 May 2018 02:05
 Operator : JC/MD
 Sample : VX0526WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 28 00:42:33 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	260595	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	371680	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	341440	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	221346	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	214296	46.00	ug/l	0.00
Spiked Amount			Recovery	=	92.00%	
35) Dibromofluoromethane	5.51	113	163436	43.97	ug/l	0.00
Spiked Amount			Recovery	=	87.94%	
50) Toluene-d8	8.72	98	611980	45.48	ug/l	0.00
Spiked Amount			Recovery	=	90.96%	
62) 4-Bromofluorobenzene	11.14	95	229856	43.66	ug/l	0.00
Spiked Amount			Recovery	=	87.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	65115	18.69	ug/l	98
3) Chloromethane	1.32	50	78725	19.63	ug/l	99
4) Vinyl Chloride	1.40	62	79327	20.49	ug/l	100
5) Bromomethane	1.64	94	49705	27.46	ug/l	96
6) Chloroethane	1.73	64	50565	22.16	ug/l	100
7) Trichlorofluoromethane	1.93	101	127273	21.89	ug/l	97
8) Diethyl Ether	2.19	74	48076	22.79	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	69959	21.56	ug/l	97
10) Methyl Iodide	2.51	142	82091	18.70	ug/l	97
11) Tert butyl alcohol	3.08	59	113809	124.47	ug/l	98
12) 1,1-Dichloroethene	2.37	96	65443	21.55	ug/l	94
13) Acrolein	2.30	56	30063	76.04	ug/l	99
14) Allyl chloride	2.73	41	133887	21.00	ug/l	99
15) Acrylonitrile	3.15	53	210067	111.72	ug/l	99
16) Acetone	2.45	43	202622	112.71	ug/l	98
17) Carbon Disulfide	2.57	76	169918	19.44	ug/l	99
18) Methyl Acetate	2.78	43	107994	24.35	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	254702	22.29	ug/l	99
20) Methylene Chloride	2.86	84	73836	22.81	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	68008	22.12	ug/l	99
22) Diisopropyl ether	3.88	45	256903	19.81	ug/l	99
23) Vinyl Acetate	3.83	43	1109856	103.22	ug/l	100
24) 1,1-Dichloroethane	3.70	63	131224	21.30	ug/l	99
25) 2-Butanone	4.71	43	317161	96.26	ug/l	98
26) 2,2-Dichloropropane	4.59	77	76680	12.30	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	76117	19.22	ug/l	98
28) Bromochloromethane	5.03	49	58016	21.24	ug/l	100
29) Tetrahydrofuran	5.17	42	207124	96.62	ug/l	100
30) Chloroform	5.22	83	133245	19.20	ug/l	100
31) Cyclohexane	5.58	56	117304	18.28	ug/l	94
32) 1,1,1-Trichloroethane	5.50	97	121428	18.77	ug/l	100
36) 1,1-Dichloropropene	5.81	75	94355	18.25	ug/l	98
37) Ethyl Acetate	4.87	43	125179	18.57	ug/l	99
38) Carbon Tetrachloride	5.79	117	108110	17.93	ug/l	96

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 MSVOA_X
 ClientSampleId :

Quant Time: May 28 00:42:33 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	111298	17.52	ug/l	98
40) Benzene	6.15	78	288560	19.05	ug/l	98
41) Methacrylonitrile	5.07	41	69940	18.81	ug/l	99
42) 1,2-Dichloroethane	6.20	62	112843	18.65	ug/l	100
43) Isopropyl Acetate	6.47	43	206903	18.42	ug/l	99
44) Trichloroethene	7.22	130	81852	18.54	ug/l	93
45) 1,2-Dichloropropane	7.53	63	79112	19.23	ug/l	94
46) Dibromomethane	7.67	93	52234	19.18	ug/l	98
47) Bromodichloromethane	7.90	83	103828	17.88	ug/l	97
48) Methyl methacrylate	7.78	41	103691	18.14	ug/l	99
49) 1,4-Dioxane	7.76	88	39951	396.64	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	655367	96.81	ug/l	99
52) Toluene	8.79	92	181595	18.84	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	114230	17.08	ug/l	95
54) cis-1,3-Dichloropropene	9.05	75	107585	16.51	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	76762	19.06	ug/l	99
56) Ethyl methacrylate	9.18	69	126544	18.27	ug/l	100
57) 1,3-Dichloropropane	9.38	76	126807	19.12	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	295481	96.25	ug/l	99
59) 2-Hexanone	9.50	43	500765	95.93	ug/l	100
60) Dibromochloromethane	9.59	129	83432	17.49	ug/l	99
61) 1,2-Dibromoethane	9.68	107	78532	18.59	ug/l	97
64) Tetrachloroethene	9.34	164	92840	18.96	ug/l	99
65) Chlorobenzene	10.14	112	204599	18.91	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	80608	18.45	ug/l	99
67) Ethyl Benzene	10.26	91	355919	18.94	ug/l	99
68) m/p-Xylenes	10.37	106	273319	38.04	ug/l	98
69) o-Xylene	10.70	106	135279	18.86	ug/l	99
70) Styrene	10.72	104	221047	18.58	ug/l	99
71) Bromoform	10.86	173	67798	16.37	ug/l #	99
73) Isopropylbenzene	11.02	105	362667	19.35	ug/l	100
74) N-amyl acetate	6.47	43	206903	19.34	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	109742	20.66	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	131811	24.79	ug/l	82
77) Bromobenzene	11.26	156	96497	19.40	ug/l	97
78) n-propylbenzene	11.37	91	396178	18.87	ug/l	100
79) 2-Chlorotoluene	11.43	91	243080	19.71	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	301781	18.84	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	32195	14.55	ug/l	94
82) 4-Chlorotoluene	11.52	91	278852	18.83	ug/l	100
83) tert-Butylbenzene	11.77	119	298147	18.97	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	314486	19.00	ug/l	99
85) sec-Butylbenzene	11.95	105	358694	18.98	ug/l	100
86) p-Isopropyltoluene	12.07	119	313726	18.55	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	167522	18.81	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	166082	18.65	ug/l	98
89) n-Butylbenzene	12.39	91	256056	17.87	ug/l	99
90) Hexachloroethane	12.60	117	57012	17.09	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	175677	19.36	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	28700	17.22	ug/l	99

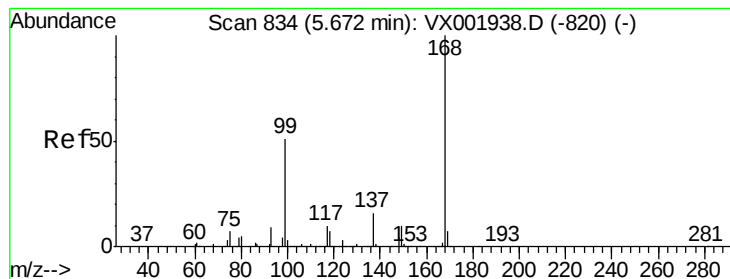
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052618\
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Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	118666	18.29	ug/l	99
94) Hexachlorobutadiene	13.79	225	63372	18.16	ug/l	100
95) Naphthalene	13.84	128	380898	19.05	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	126031	18.77	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002041.D

Acq: 27 May 2018 02:05

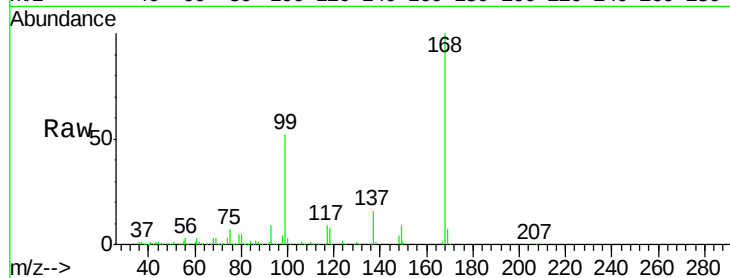
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 260595

Ion Ratio Lower Upper

168 100

99 52.0 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

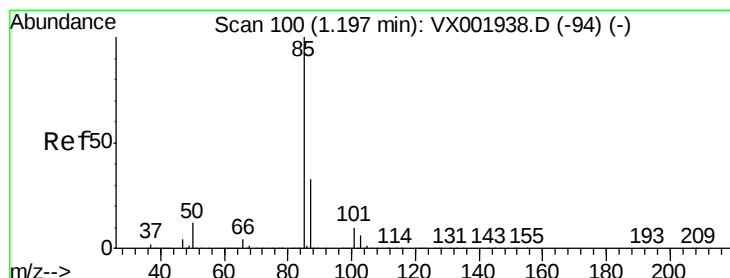
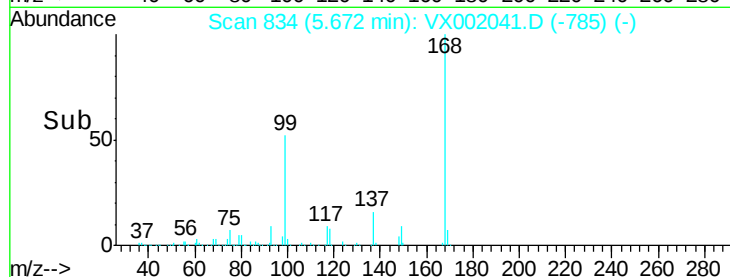
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 18.69 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002041.D

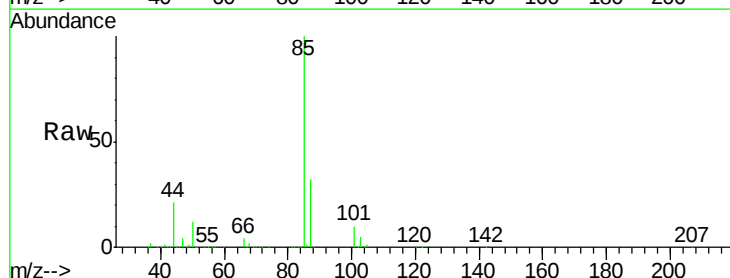
Acq: 27 May 2018 02:05

Tgt Ion: 85 Resp: 65115

Ion Ratio Lower Upper

85 100

87 32.1 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

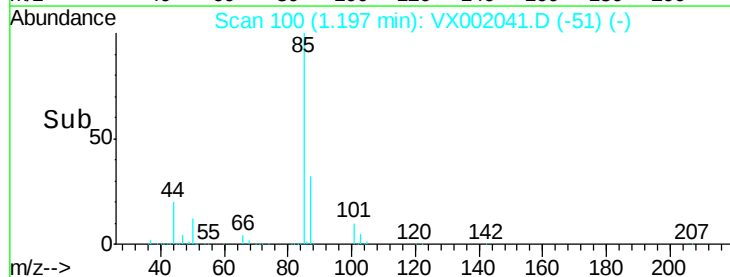
60000

40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 19.63 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002041.D

Acq: 27 May 2018 02:05

Instrument :

MSVOA_X

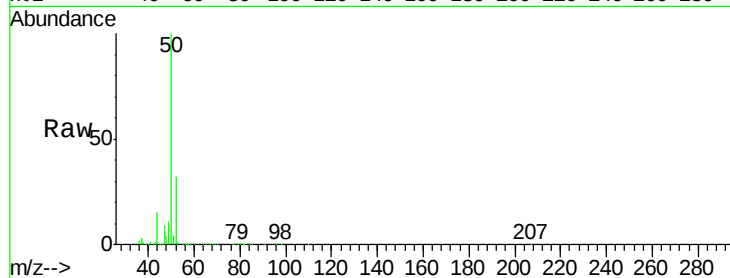
ClientSampled :

Tot Ion: 50 Resp: 78725

Ion Ratio Lower Upper

50 100

52 32.2 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

80000

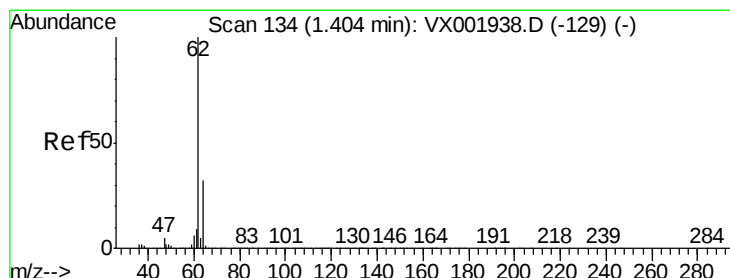
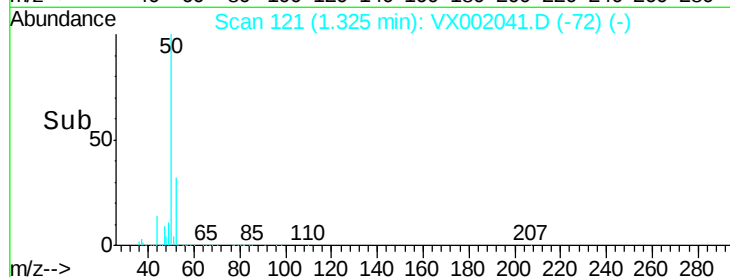
60000

40000

20000

0

Time--> 1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 20.49 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX002041.D

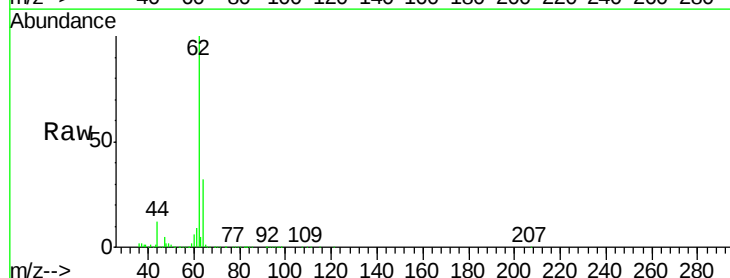
Acq: 27 May 2018 02:05

Tgt Ion: 62 Resp: 79327

Ion Ratio Lower Upper

62 100

64 31.8 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

80000

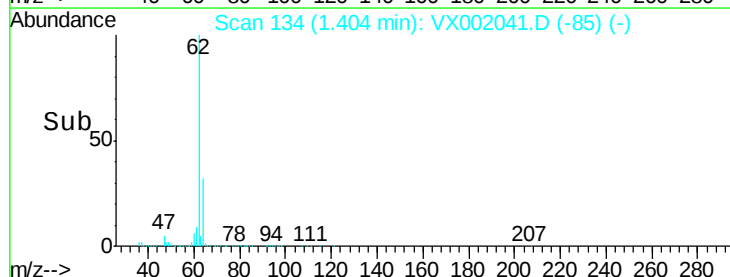
60000

40000

20000

0

Time--> 1.35 1.40 1.45 1.50





#5

Bromomethane

Concen: 27.46 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002041.D

Acq: 27 May 2018 02:05

Instrument :

MSVOA_X

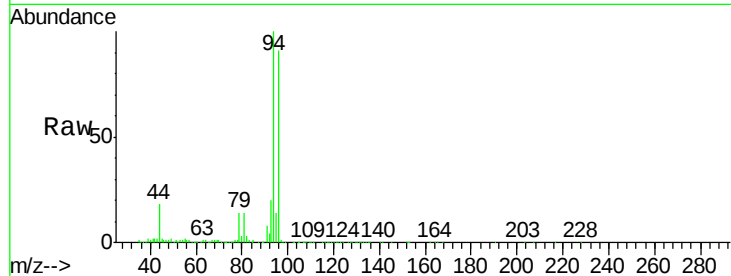
ClientSampleId :

Tot Ion: 94 Resp: 49705

Ion Ratio Lower Upper

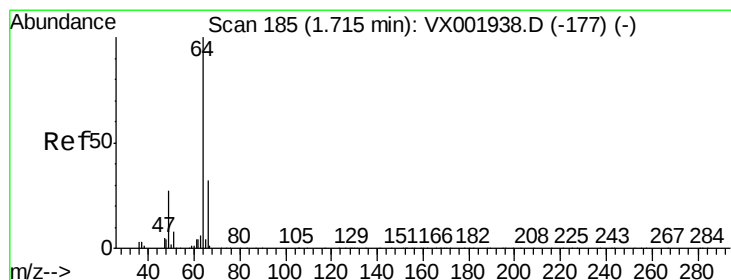
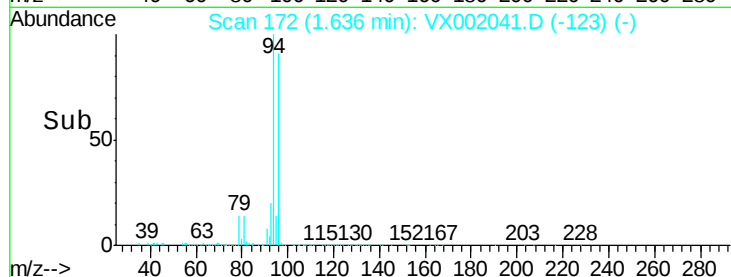
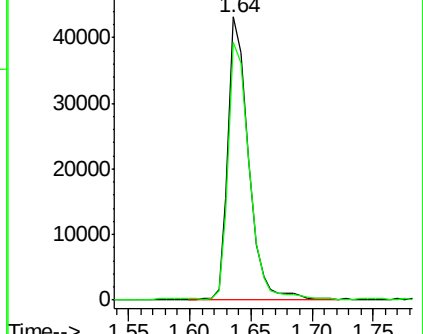
94 100

96 91.1 75.9 113.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 22.16 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX002041.D

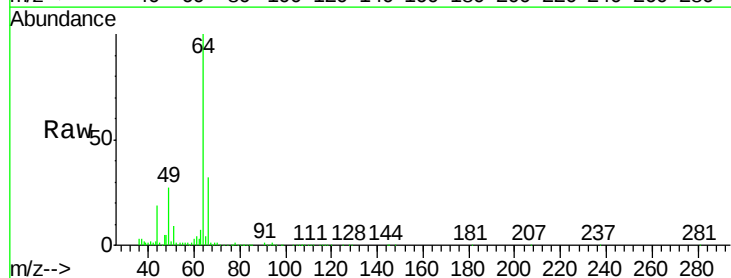
Acq: 27 May 2018 02:05

Tgt Ion: 64 Resp: 50565

Ion Ratio Lower Upper

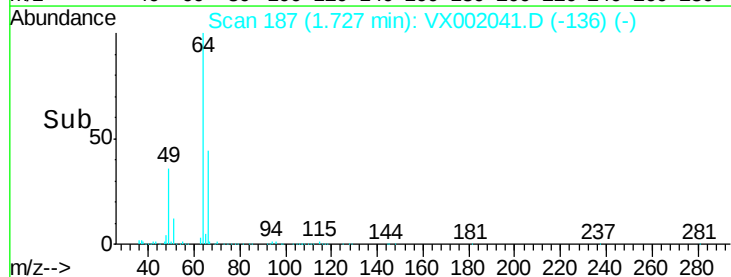
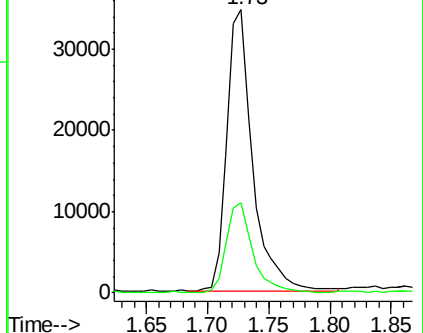
64 100

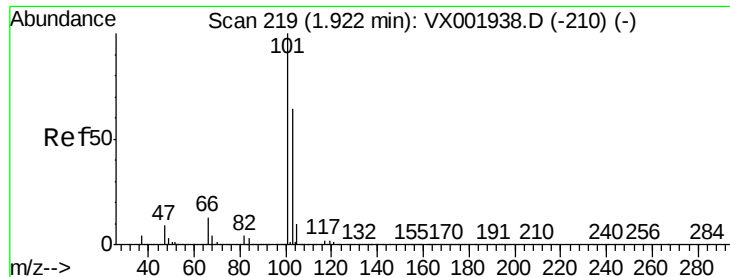
66 31.9 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



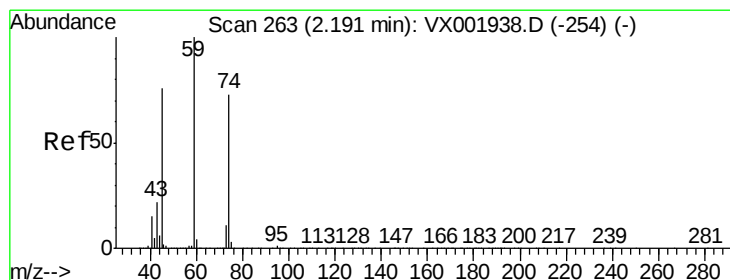
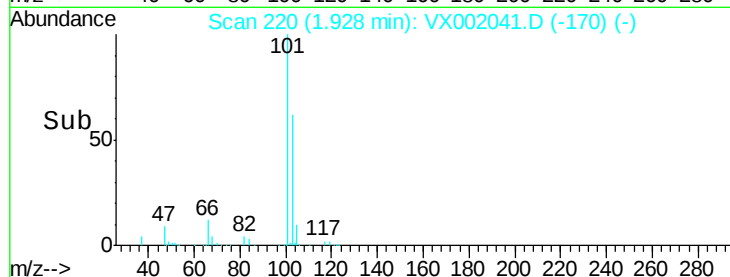
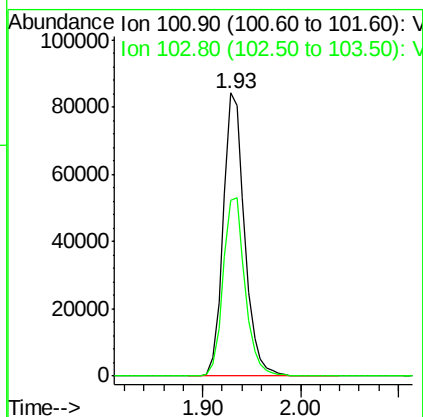
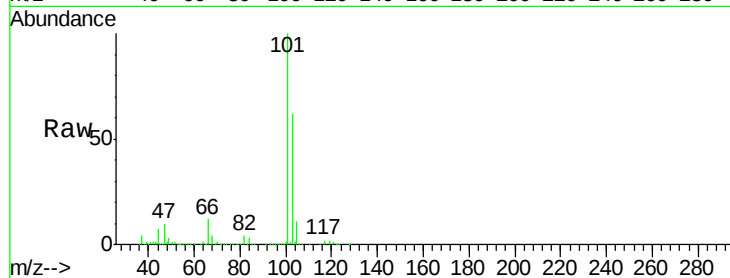


#7

Trichlorofluoromethane
Concen: 21.89 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX002041.D
Acq: 27 May 2018 02:05

Instrument :
MSVOA_X
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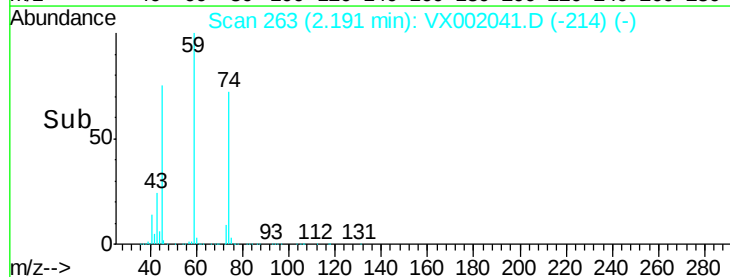
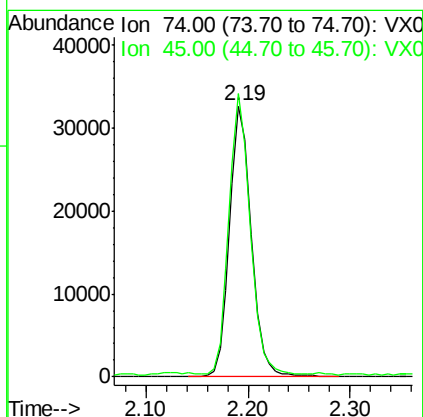
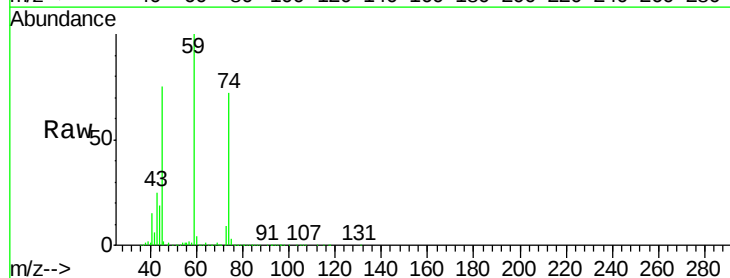
Tot Ion:101 Resp: 127273
Ion Ratio Lower Upper
101 100
103 62.1 51.4 77.0



#8

Diethyl Ether
Concen: 22.79 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX002041.D
Acq: 27 May 2018 02:05

Tgt Ion: 74 Resp: 48076
Ion Ratio Lower Upper
74 100
45 101.1 51.5 154.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.56 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX002041.D

Acq: 27 May 2018 02:05

Instrument :

MSVOA_X

ClientSampleId :

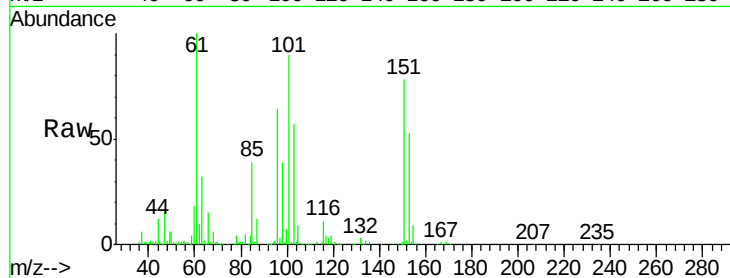
Tot Ion:101 Resp: 69959

Ion Ratio Lower Upper

101 100

85 43.8 35.6 53.4

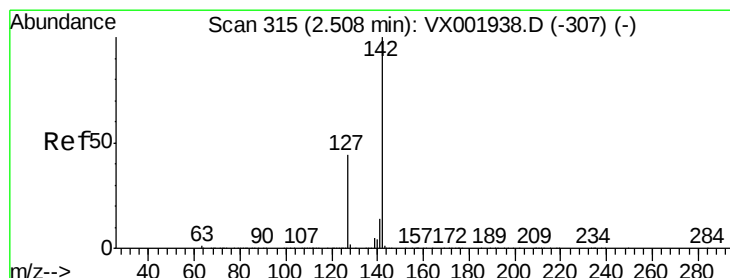
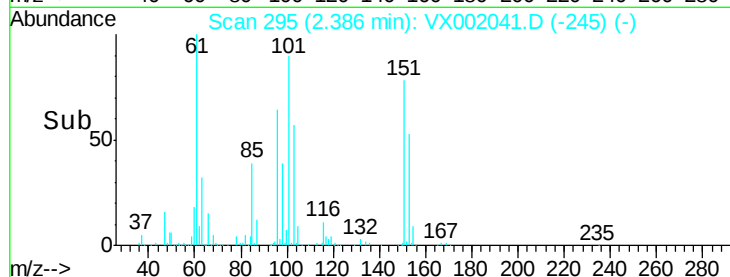
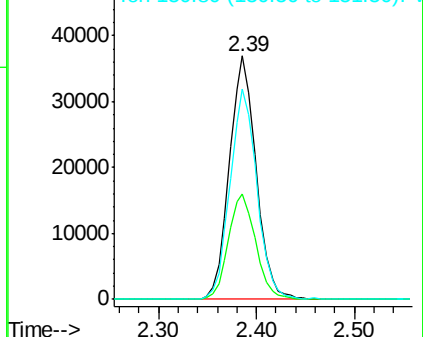
151 87.1 73.2 109.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.70 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX002041.D

Acq: 27 May 2018 02:05

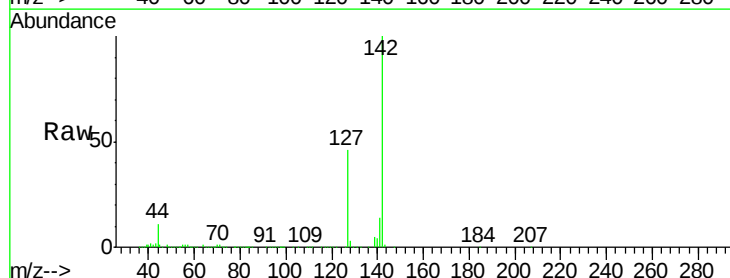
Tgt Ion:142 Resp: 82091

Ion Ratio Lower Upper

142 100

127 46.6 35.5 53.3

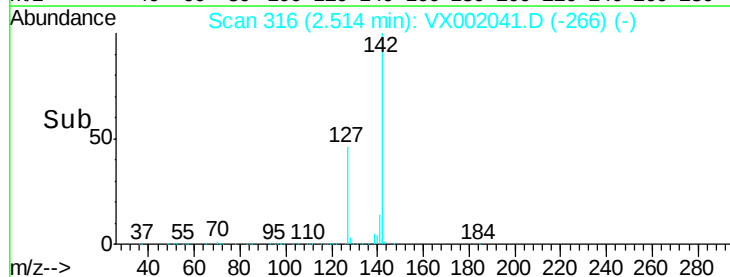
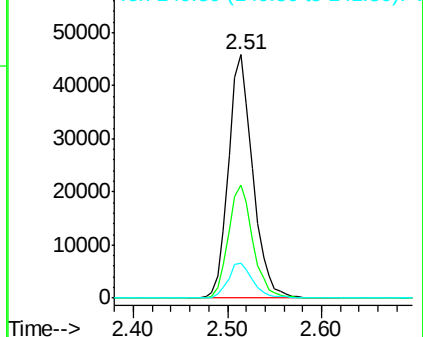
141 14.8 11.3 16.9

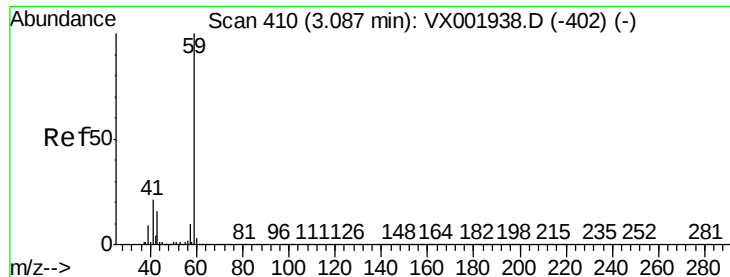


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



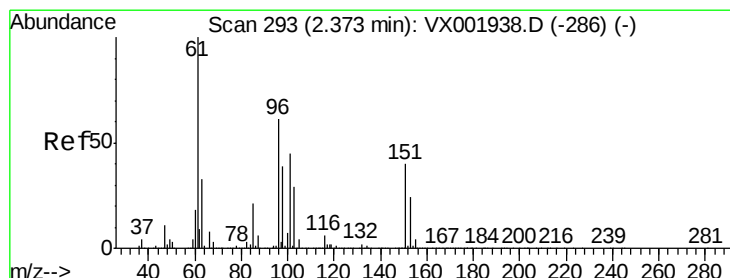
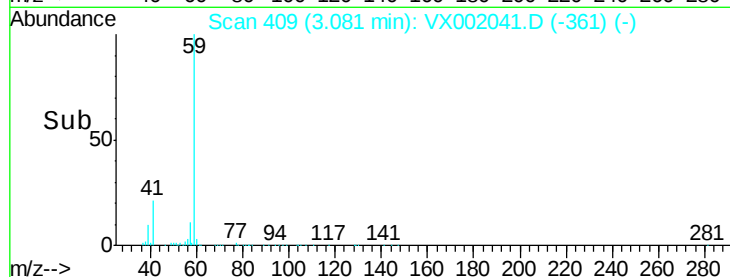
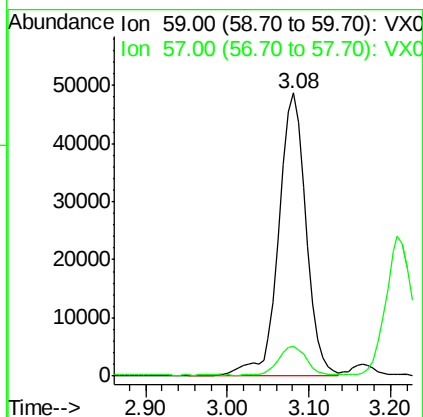
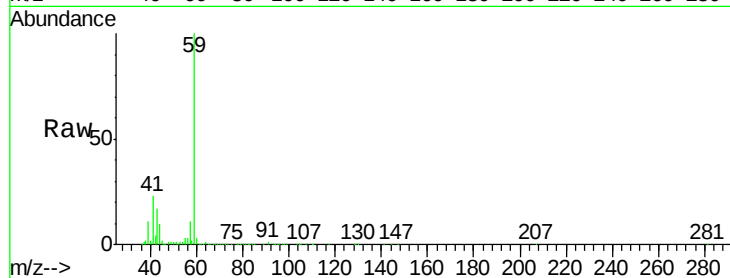


#11

Tert butyl alcohol
Concen: 124.47 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.01 min
Lab File: VX002041.D
Acq: 27 May 2018 02:05

Instrument :
MSVOA_X
ClientSampleId :

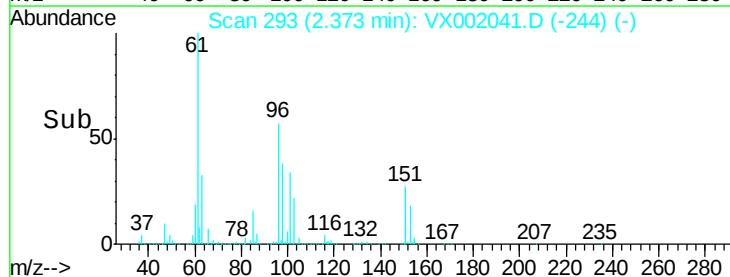
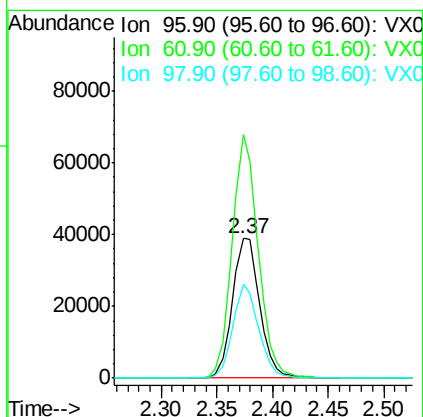
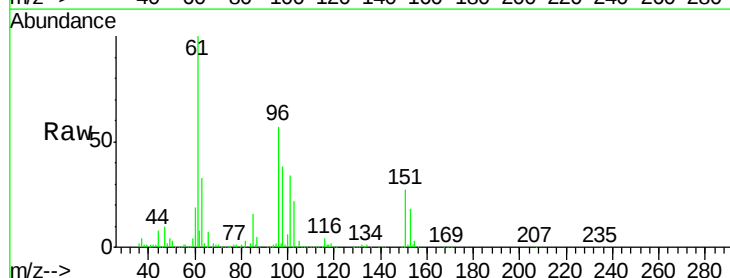
Tot Ion: 59 Resp: 113809
Ion Ratio Lower Upper
59 100
57 10.4 8.9 13.3



#12

1,1-Dichloroethene
Concen: 21.55 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX002041.D
Acq: 27 May 2018 02:05

Tgt Ion: 96 Resp: 65443
Ion Ratio Lower Upper
96 100
61 174.8 131.7 197.5
98 66.9 51.6 77.4





#13

Acrolein

Concen: 76.04 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX002041.D

Acq: 27 May 2018 02:05

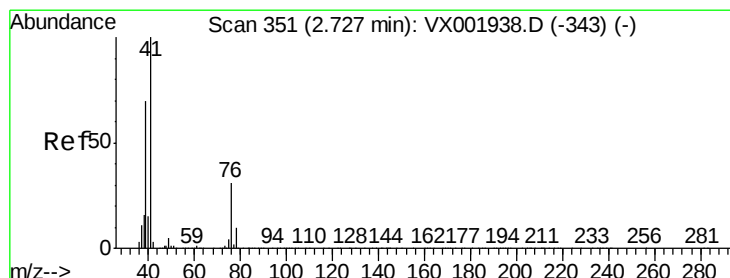
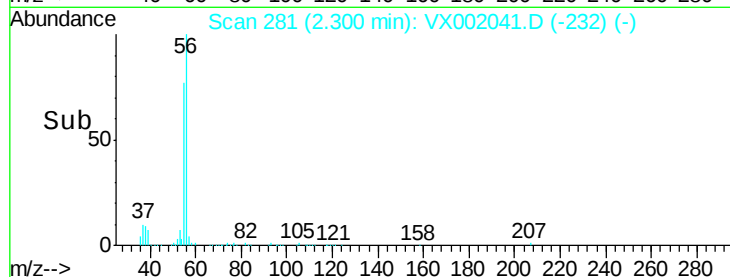
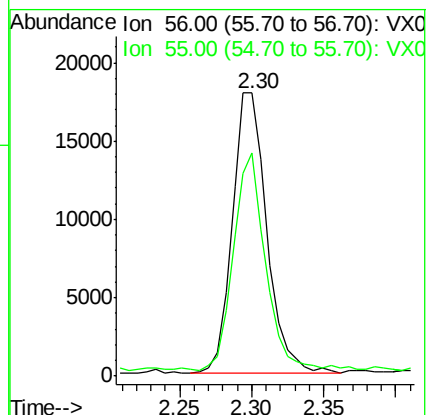
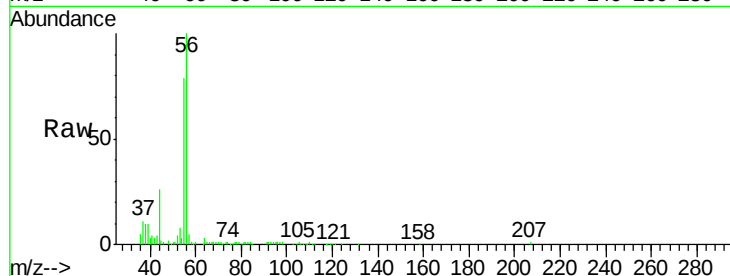
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 30063

Ion Ratio Lower Upper

56 100

55 71.9 56.8 85.2



#14

Allyl chloride

Concen: 21.00 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002041.D

Acq: 27 May 2018 02:05

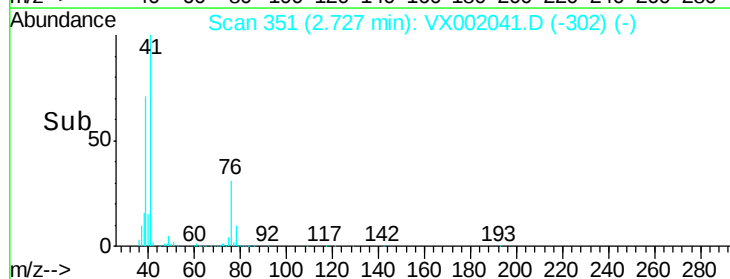
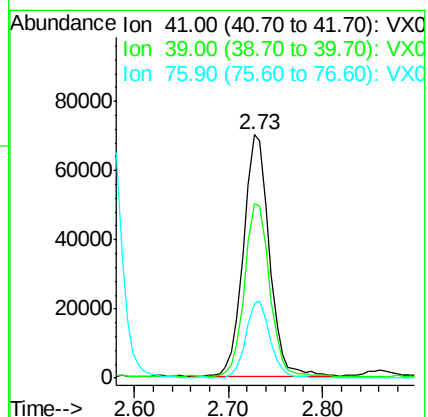
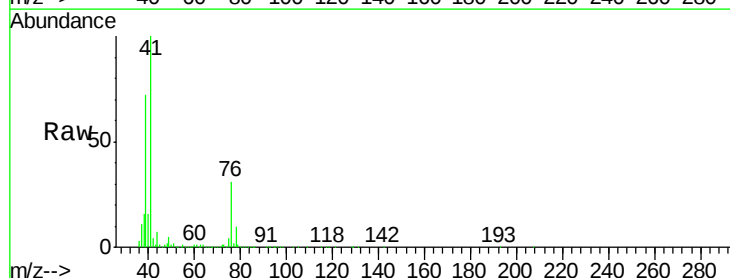
Tgt Ion: 41 Resp: 133887

Ion Ratio Lower Upper

41 100

39 68.7 54.3 81.5

76 29.7 24.2 36.4





#15

Acrylonitrile

Concen: 111.72 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002041.D

Acq: 27 May 2018 02:05

Instrument :

MSVOA_X

ClientSampled :

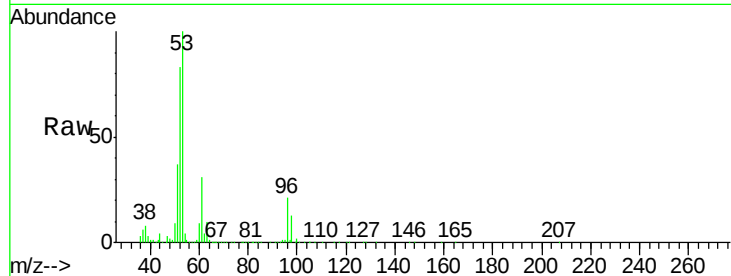
Tot Ion: 53 Resp: 210067

Ion Ratio Lower Upper

53 100

52 84.0 66.4 99.6

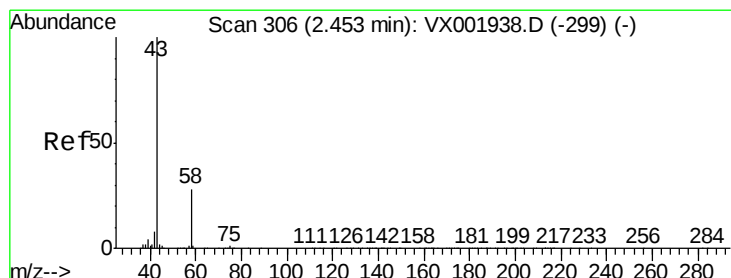
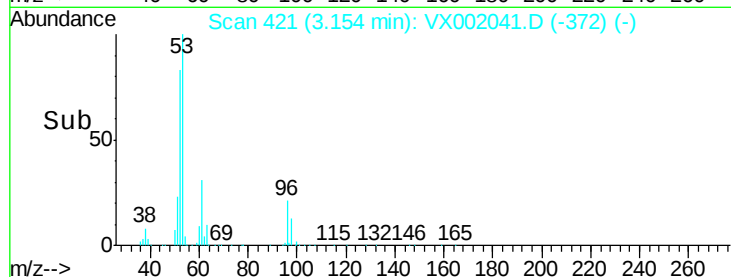
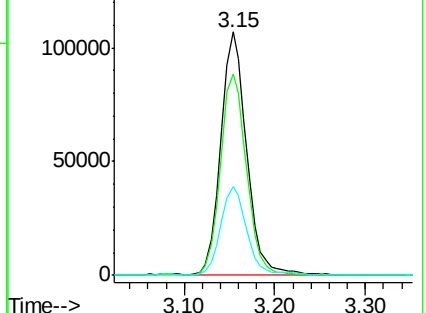
51 36.7 29.3 43.9



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: 112.71 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002041.D

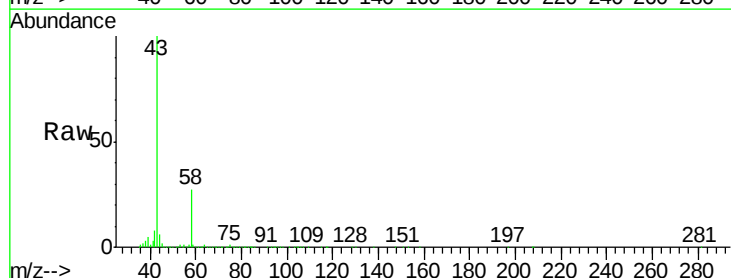
Acq: 27 May 2018 02:05

Tgt Ion: 43 Resp: 202622

Ion Ratio Lower Upper

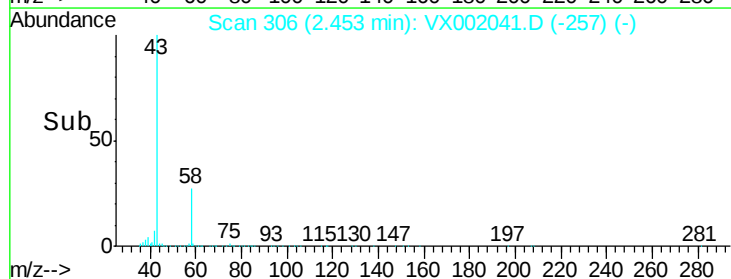
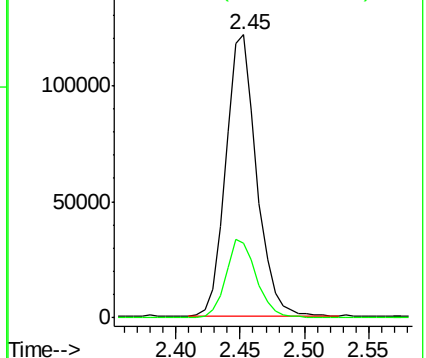
43 100

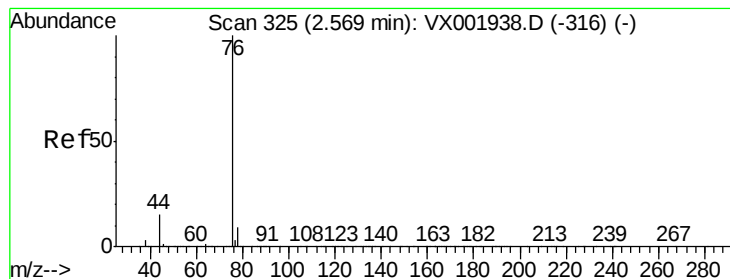
58 26.7 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 19.44 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX002041.D

Acq: 27 May 2018 02:05

Instrument :

MSVOA_X

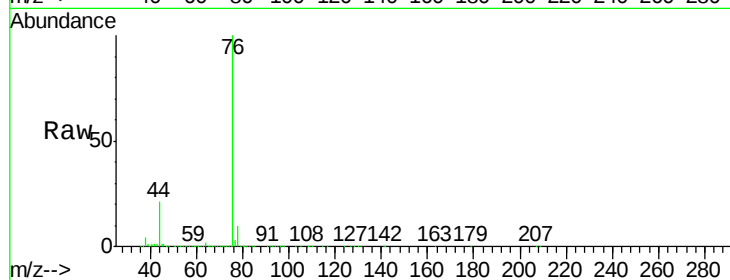
ClientSampled :

Tot Ion: 76 Resp: 169918

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

120000

100000

80000

60000

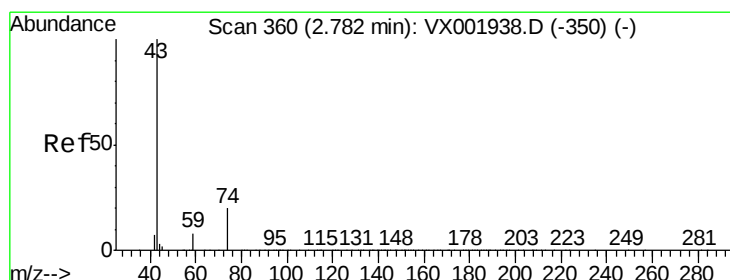
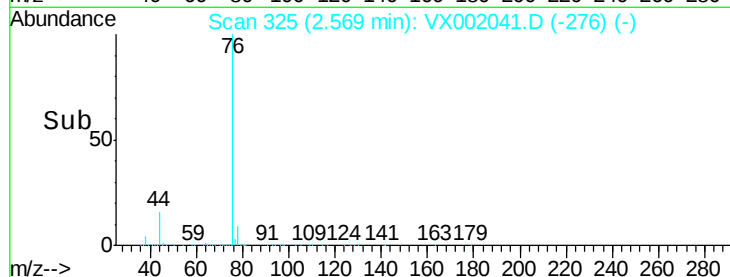
40000

20000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 24.35 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX002041.D

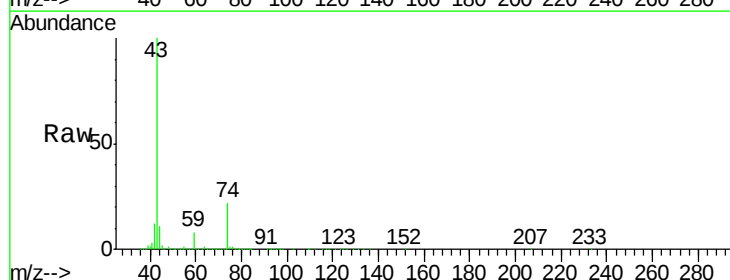
Acq: 27 May 2018 02:05

Tgt Ion: 43 Resp: 107994

Ion Ratio Lower Upper

43 100

74 20.9 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

60000

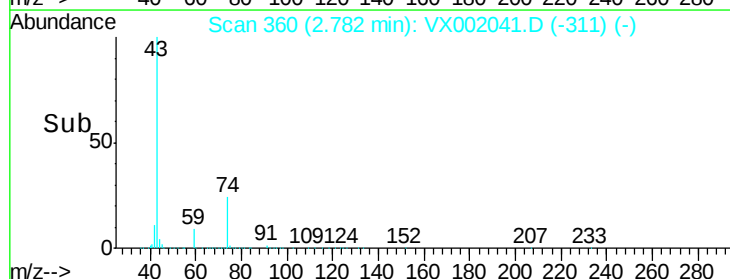
40000

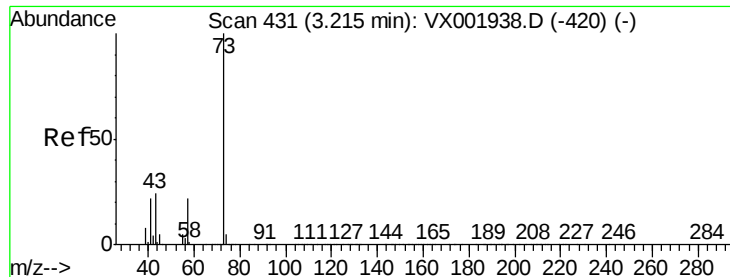
20000

0

Time-->

2.70 2.75 2.80 2.85

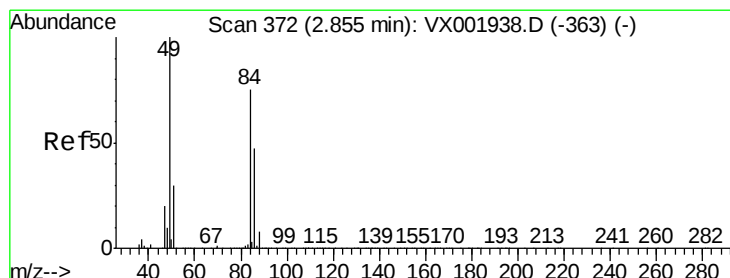
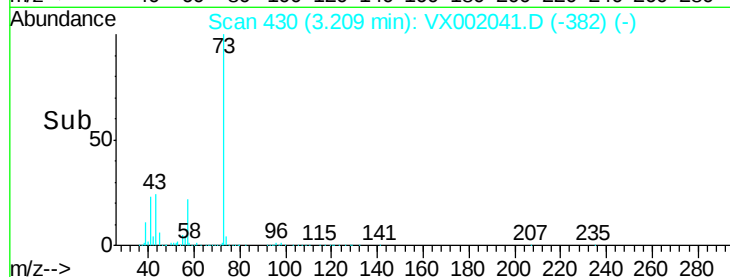
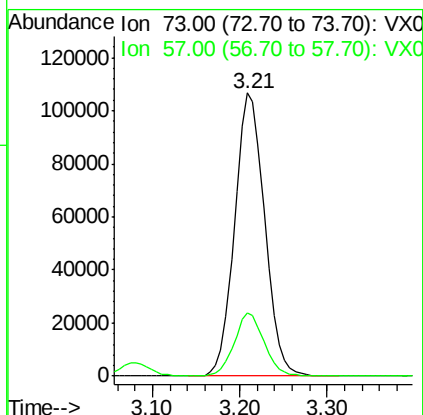
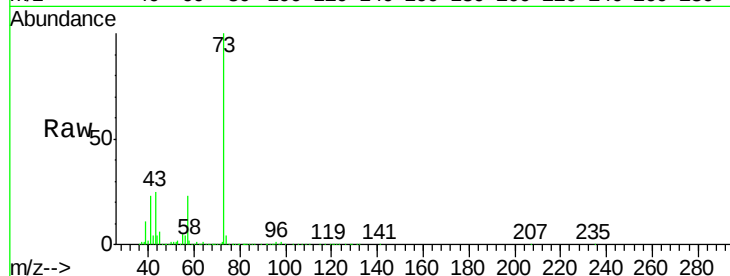




#19
Methvl tert-butvl Ether
Concen: 22.29 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX002041.D
Acq: 27 May 2018 02:05

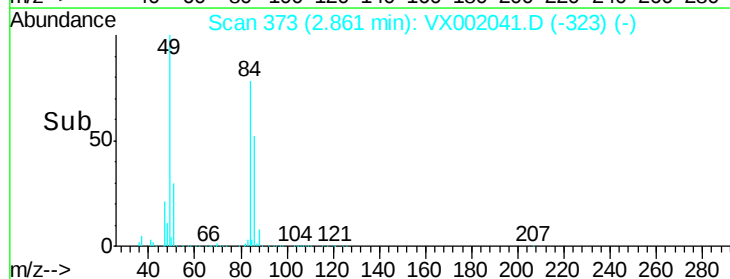
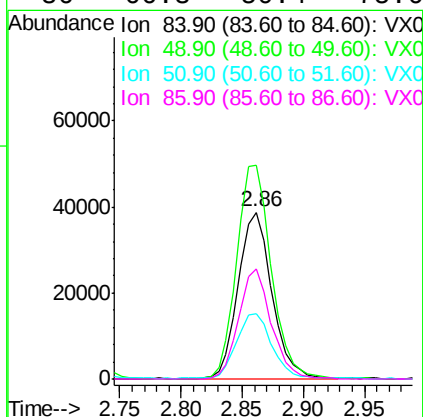
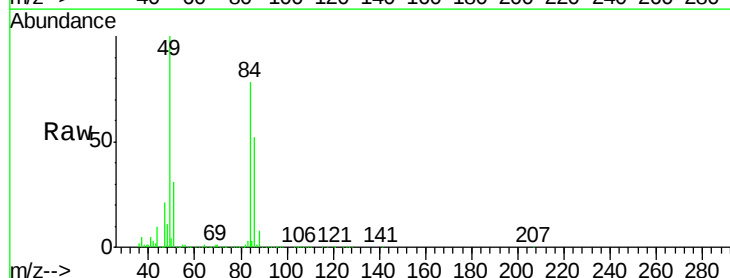
Instrument :
MSVOA_X
ClientSampleId :

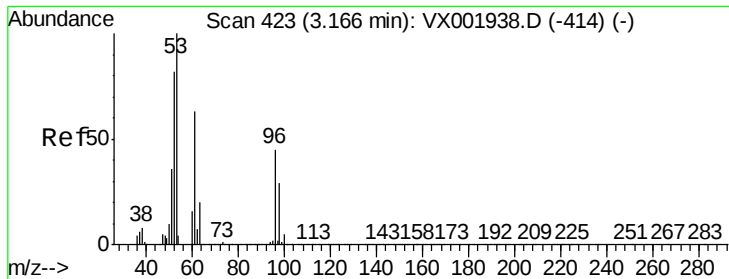
Tot Ion: 73 Resp: 254702
Ion Ratio Lower Upper
73 100
57 22.3 17.4 26.0



#20
Methylene Chloride
Concen: 22.81 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002041.D
Acq: 27 May 2018 02:05

Tgt Ion: 84 Resp: 73836
Ion Ratio Lower Upper
84 100
49 128.2 107.2 160.8
51 39.1 32.4 48.6
86 66.3 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 22.12 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

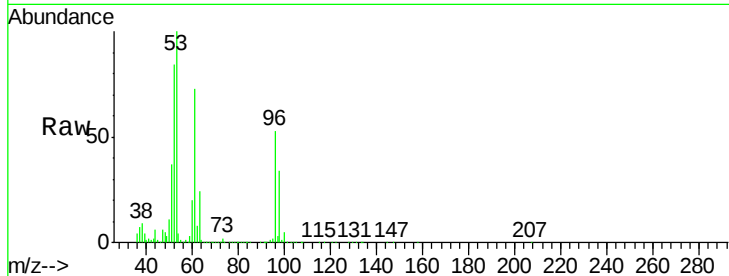
Lab File: VX002041.D

Acq: 27 May 2018 02:05

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 96 Resp: 68008

Ion	Ratio	Lower	Upper
96	100		
61	139.8	113.3	169.9
98	63.5	51.7	77.5

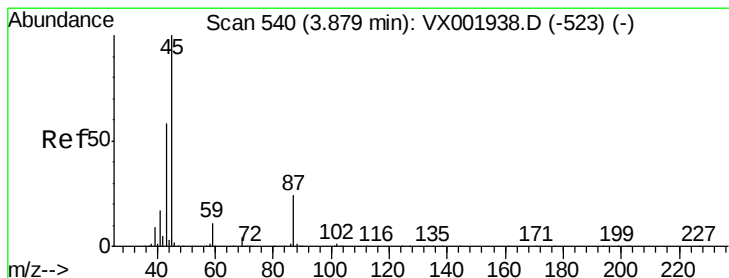
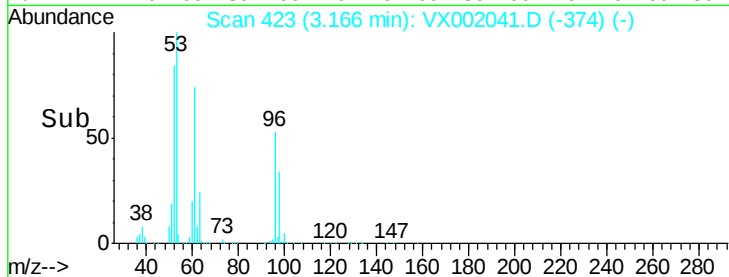
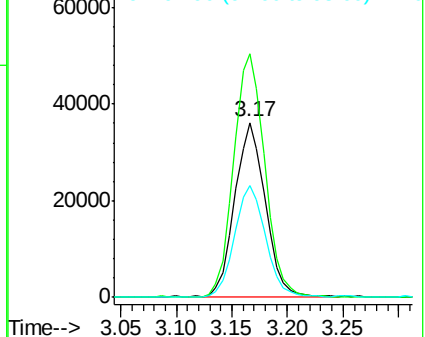


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.81 ug/l

RT: 3.88 min Scan# 540

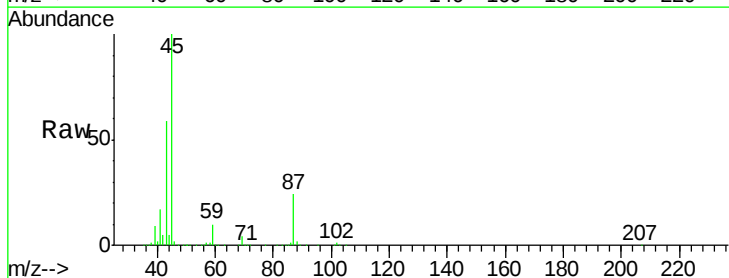
Delta R.T. 0.00 min

Lab File: VX002041.D

Acq: 27 May 2018 02:05

Tgt Ion: 45 Resp: 256903

Ion	Ratio	Lower	Upper
45	100		
43	58.5	47.0	70.6
87	23.6	19.4	29.0
59	10.3	8.5	12.7



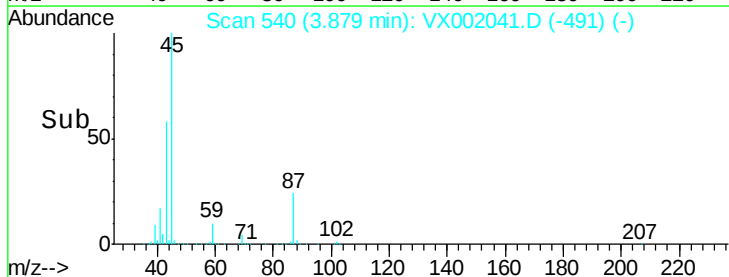
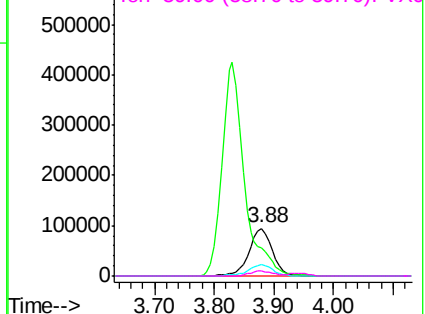
Abundance

Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 103.22 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX002041.D

Acq: 27 May 2018 02:05

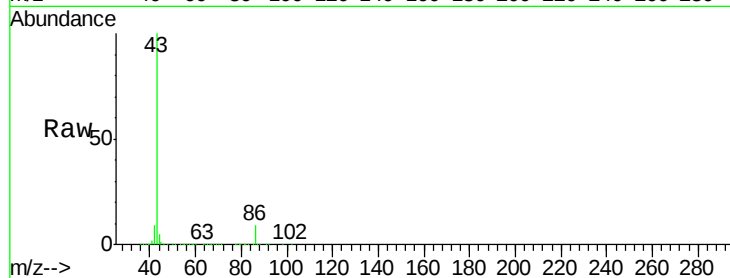
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1109856

Ion Ratio Lower Upper

43 100

86 9.5 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

400000

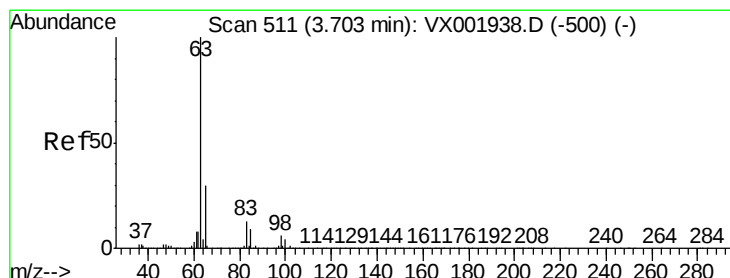
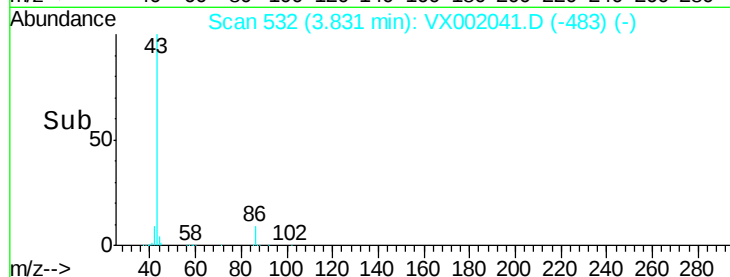
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 21.30 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.01 min

Lab File: VX002041.D

Acq: 27 May 2018 02:05

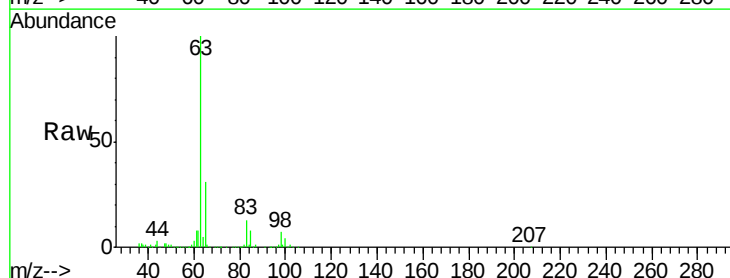
Tgt Ion: 63 Resp: 131224

Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.8

100 3.8 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

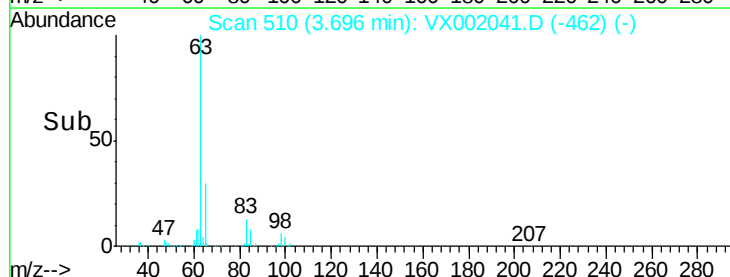
60000

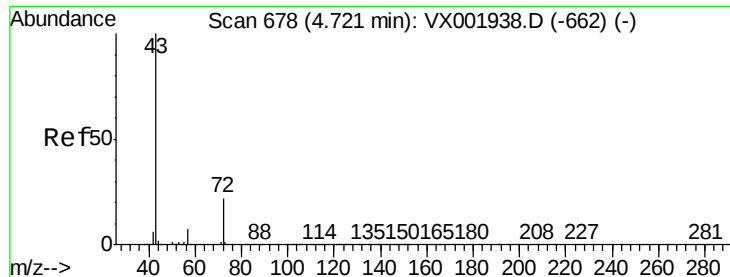
40000

20000

0

Time-->





#25

2-Butanone

Concen: 96.26 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX002041.D

Acq: 27 May 2018 02:05

Instrument :

MSVOA_X

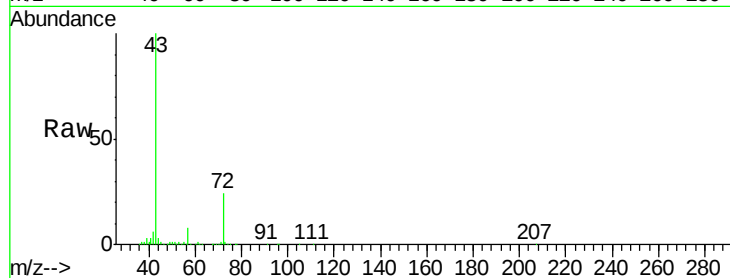
ClientSampled :

Tot Ion: 43 Resp: 317161

Ion Ratio Lower Upper

43 100

72 23.6 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

120000

100000

80000

60000

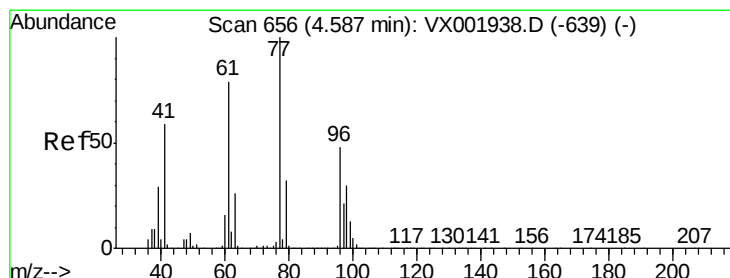
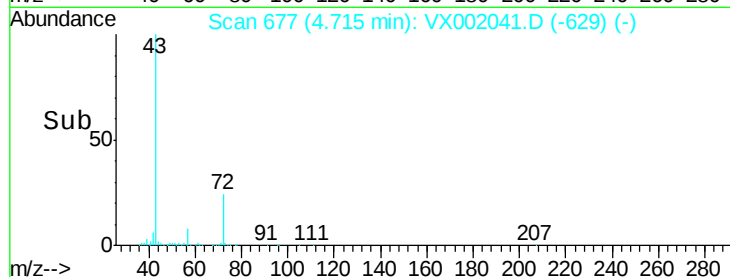
40000

20000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 12.30 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX002041.D

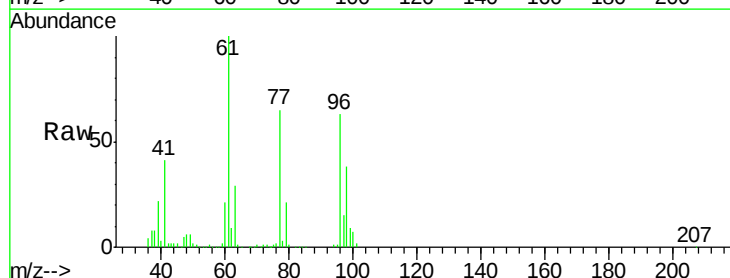
Acq: 27 May 2018 02:05

Tgt Ion: 77 Resp: 76680

Ion Ratio Lower Upper

77 100

97 23.9 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

25000

20000

15000

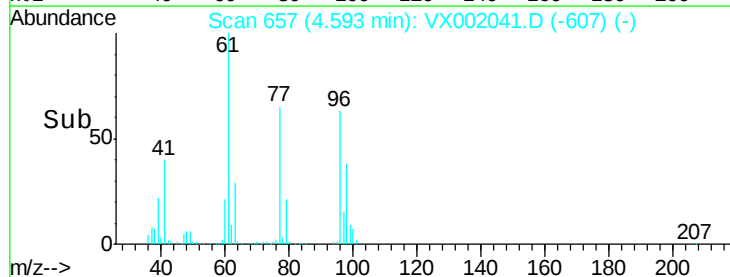
10000

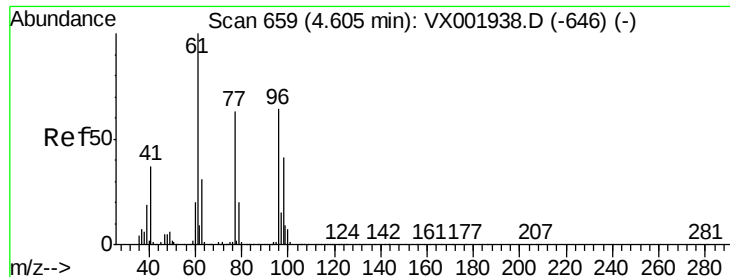
5000

0

4.40 4.50 4.60 4.70

Time-->



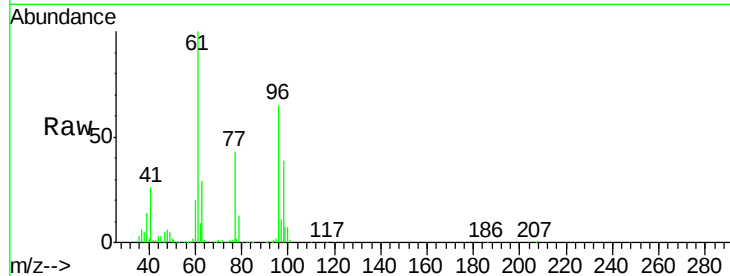


#27

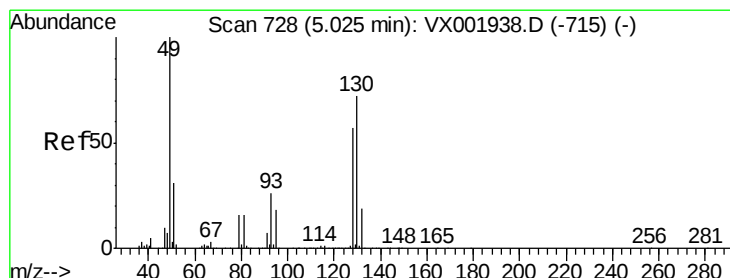
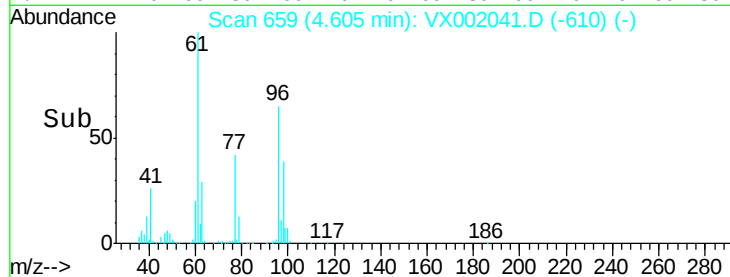
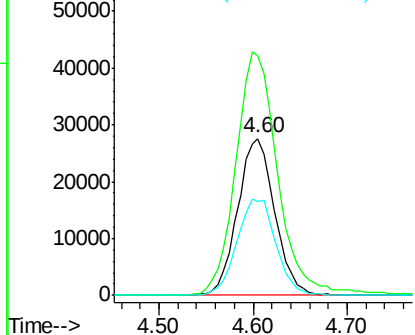
cis-1,2-Dichloroethene
Concen: 19.22 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX002041.D
Acq: 27 May 2018 02:05

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	96	Resp	76117
Ion	Ratio	Lower	Upper
96	100		
61	177.7	0.0	348.4
98	64.3	0.0	128.6



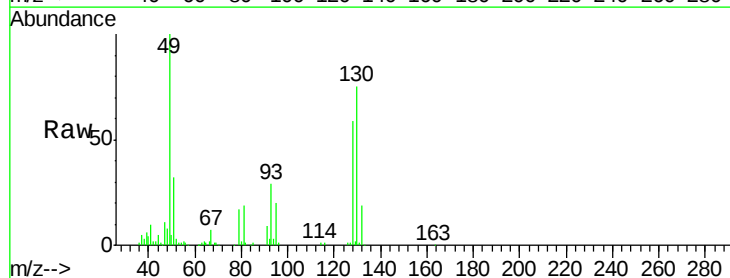
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



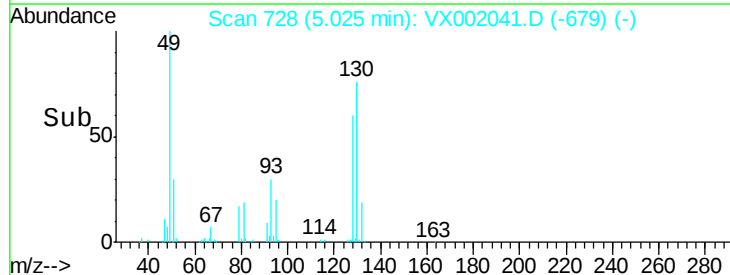
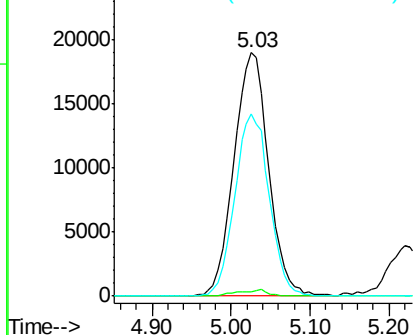
#28

Bromochloromethane
Concen: 21.24 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX002041.D
Acq: 27 May 2018 02:05

Tgt Ion	49	Resp	58016
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.8
130	74.5	59.4	89.2



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





#29

Tetrahydrofuran

Concen: 96.62 ug/l

RT: 5.17 min Scan# 752

Delta R.T. -0.01 min

Lab File: VX002041.D

Acq: 27 May 2018 02:05

Instrument :

MSVOA_X

ClientSampleId :

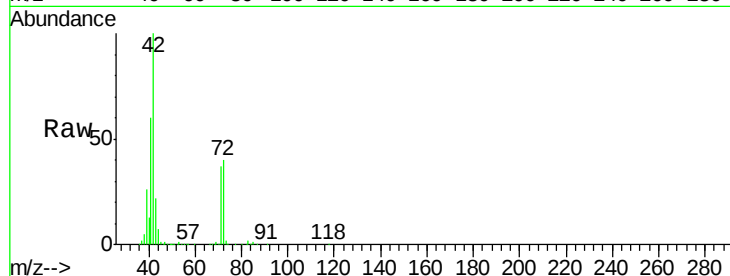
Tot Ion: 42 Resp: 207124

Ion Ratio Lower Upper

42 100

72 39.4 31.4 47.0

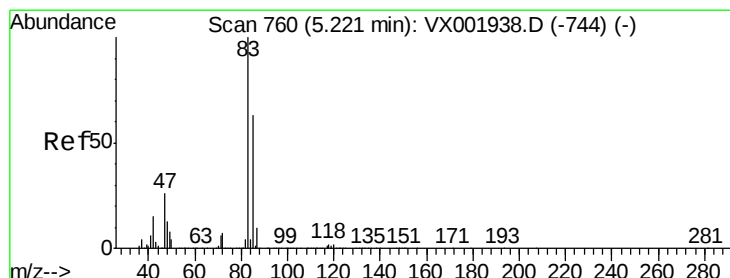
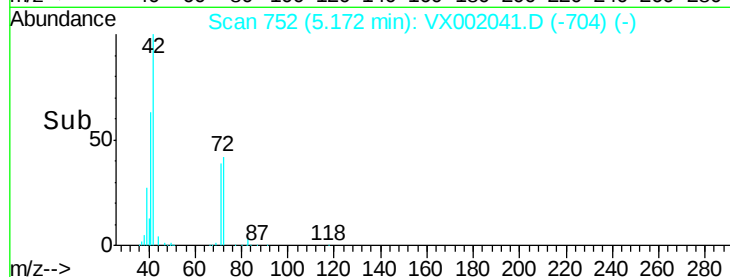
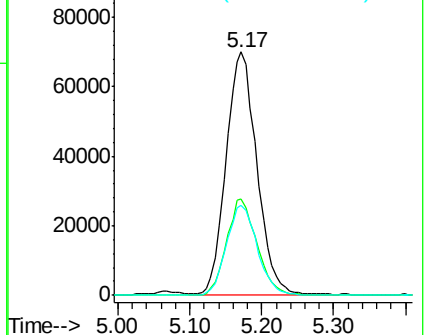
71 37.3 29.5 44.3



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: 19.20 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX002041.D

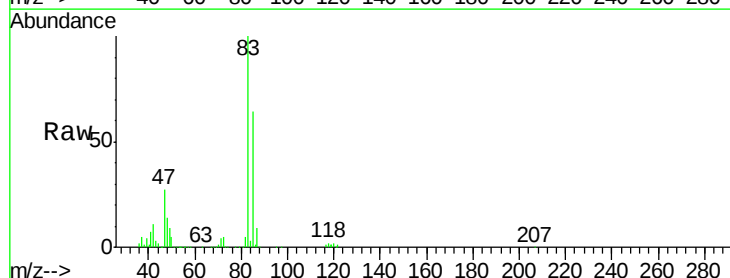
Acq: 27 May 2018 02:05

Tgt Ion: 83 Resp: 133245

Ion Ratio Lower Upper

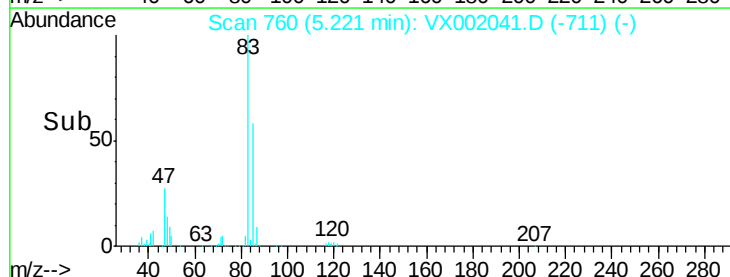
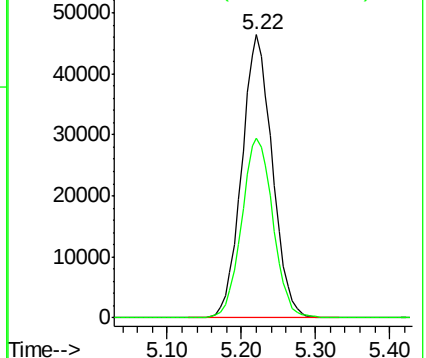
83 100

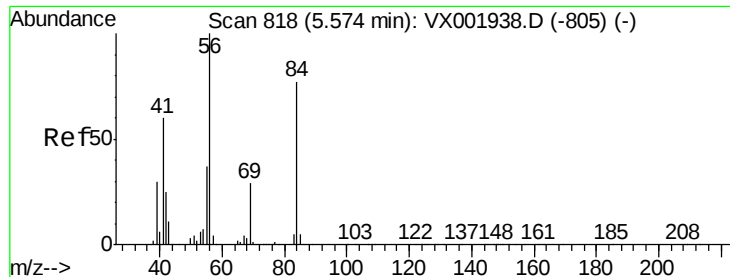
85 63.4 50.9 76.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

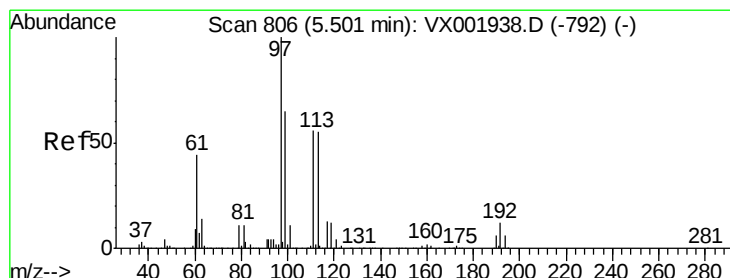
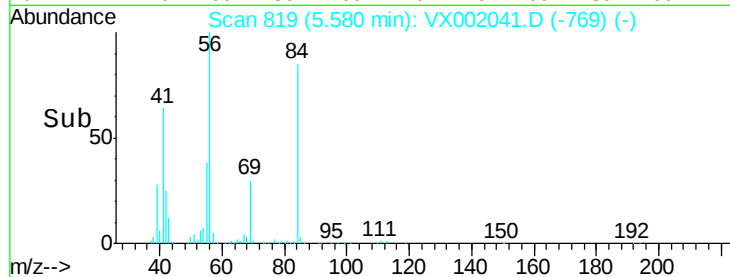
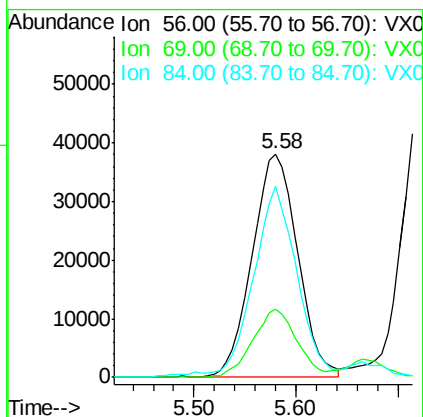
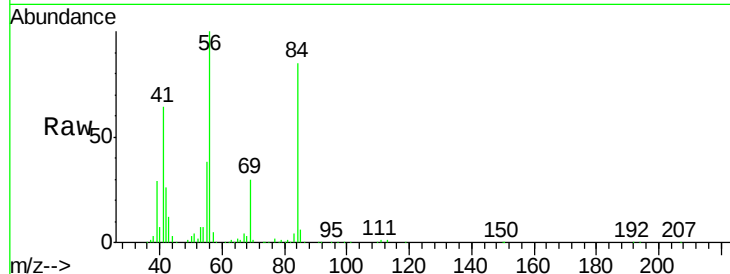




#31
Cyclohexane
Concen: 18.28 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX002041.D
Acq: 27 May 2018 02:05

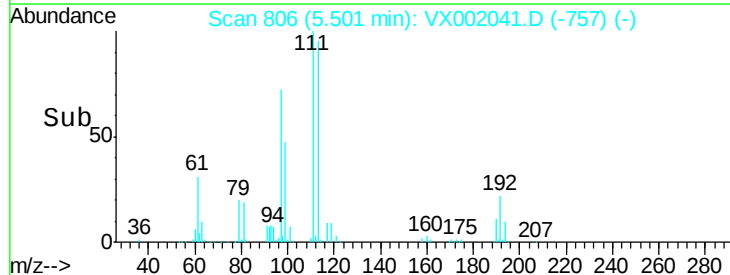
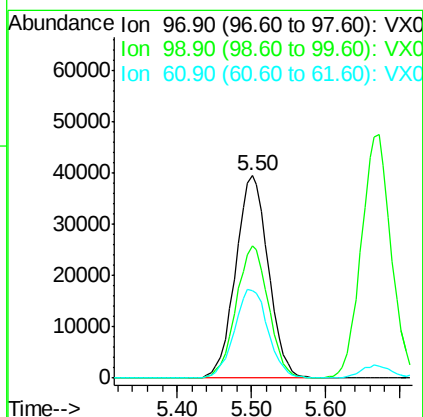
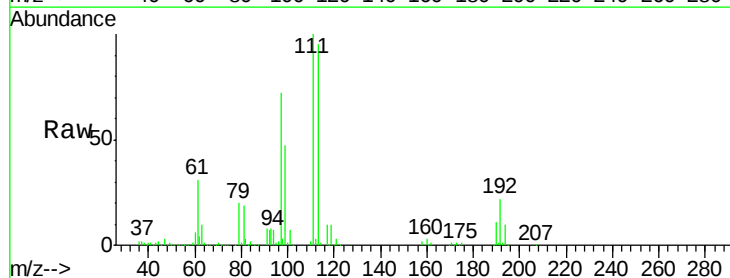
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 117304
Ion Ratio Lower Upper
56 100
69 30.3 23.1 34.7
84 84.1 62.0 93.0



#32
1,1,1-Trichloroethane
Concen: 18.77 ug/l
RT: 5.50 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX002041.D
Acq: 27 May 2018 02:05

Tgt Ion: 97 Resp: 121428
Ion Ratio Lower Upper
97 100
99 64.9 51.9 77.9
61 45.2 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 46.00 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002041.D

Acq: 27 May 2018 02:05

Instrument :

MSVOA_X

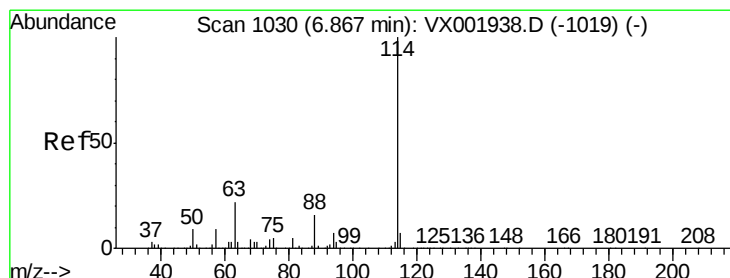
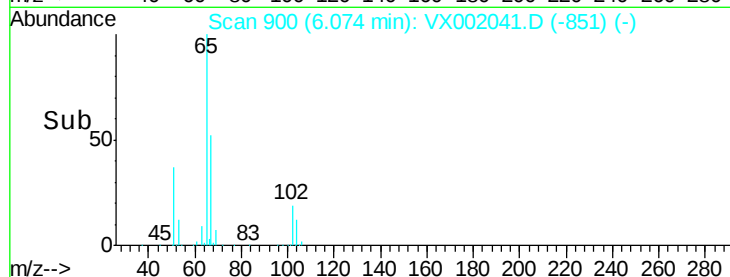
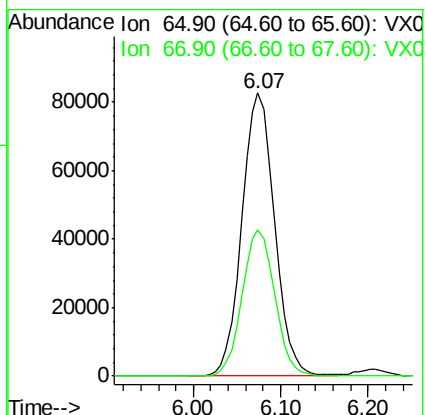
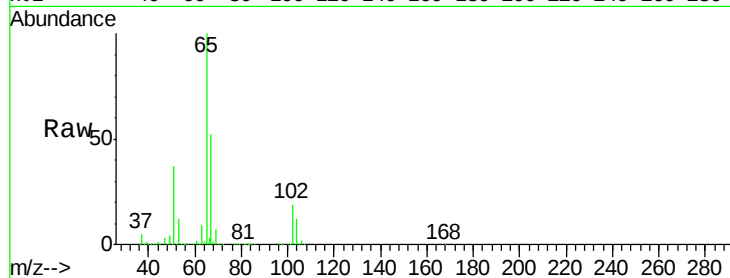
ClientSampleId :

Tot Ion: 65 Resp: 214296

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002041.D

Acq: 27 May 2018 02:05

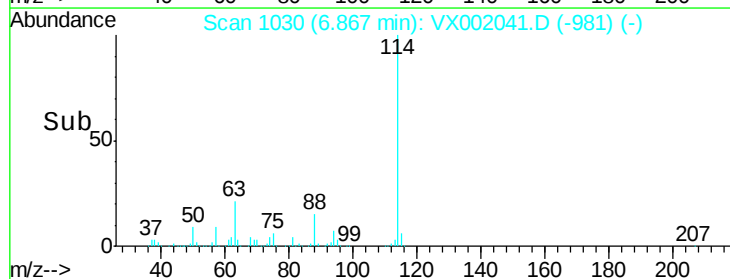
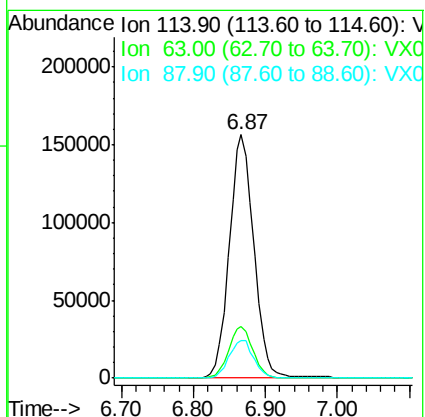
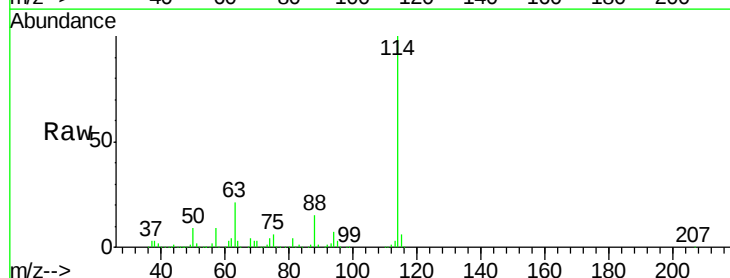
Tgt Ion: 114 Resp: 371680

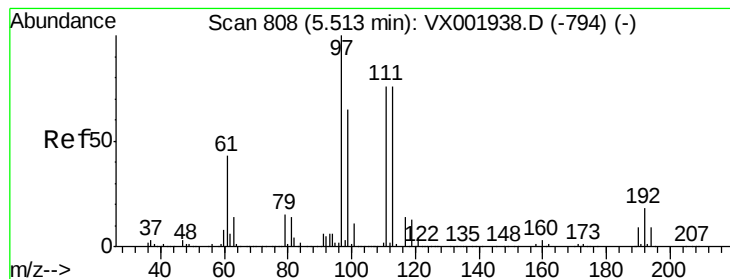
Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.2

88 15.4 0.0 31.6





#35

Dibromofluoromethane

Concen: 43.97 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX002041.D

Acq: 27 May 2018 02:05

Instrument :

MSVOA_X

ClientSampleId :

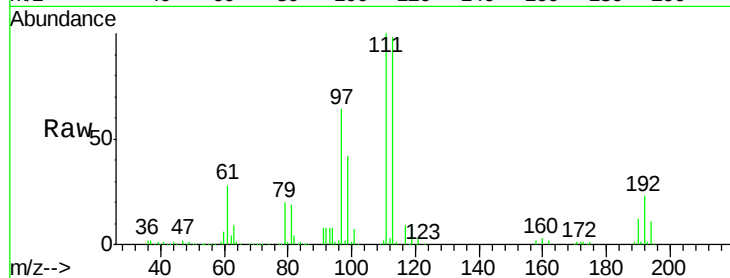
Tot Ion:113 Resp: 163436

Ion Ratio Lower Upper

113 100

111 103.7 82.0 123.0

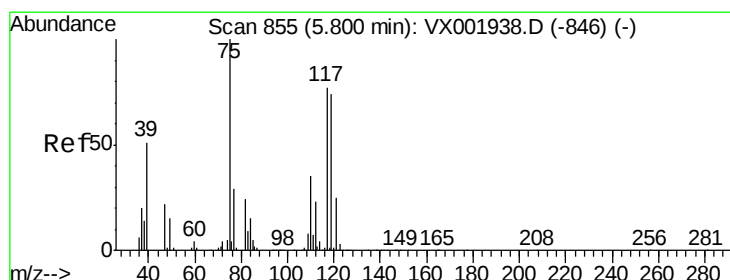
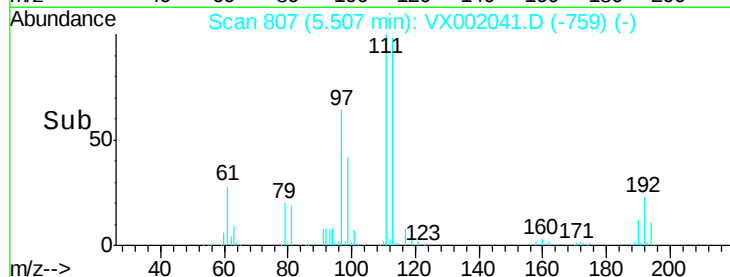
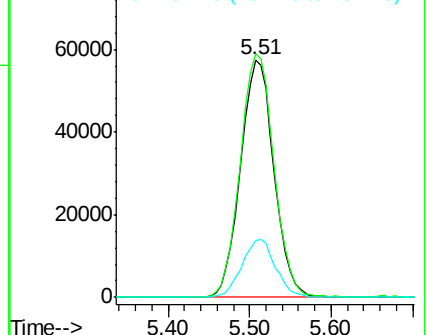
192 24.4 18.9 28.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.25 ug/l

RT: 5.81 min Scan# 856

Delta R.T. 0.01 min

Lab File: VX002041.D

Acq: 27 May 2018 02:05

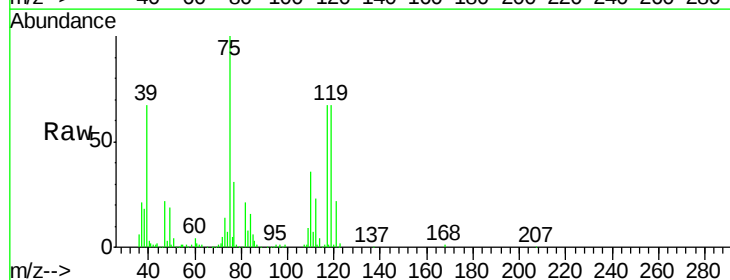
Tgt Ion: 75 Resp: 94355

Ion Ratio Lower Upper

75 100

110 36.5 17.4 52.2

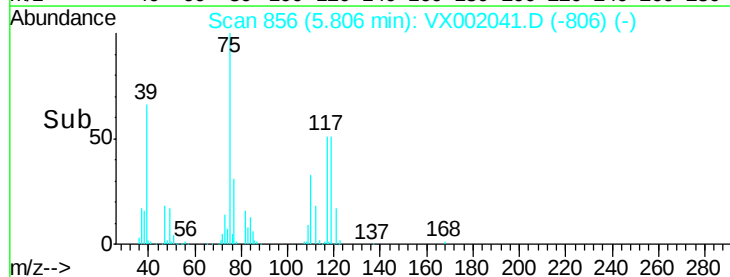
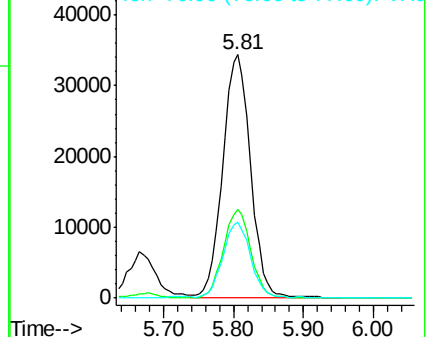
77 30.7 24.4 36.6

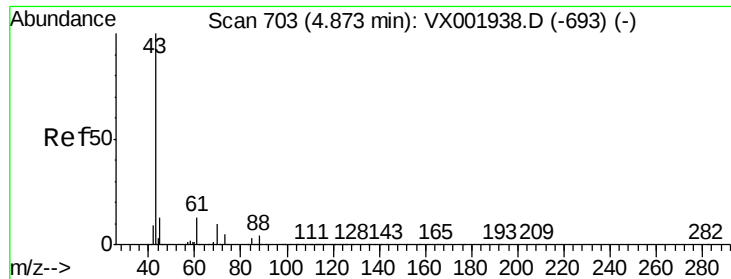


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

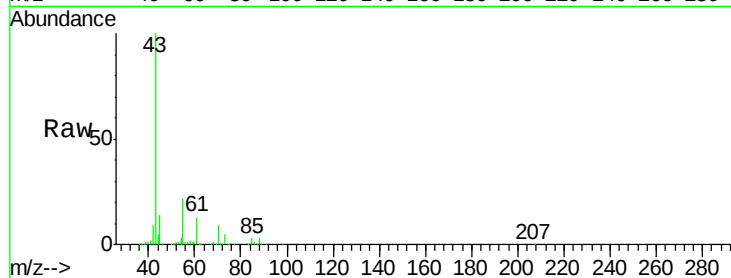




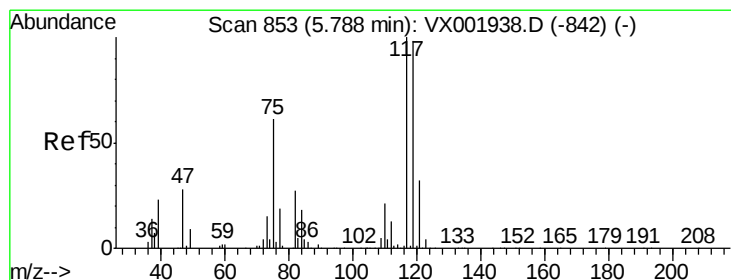
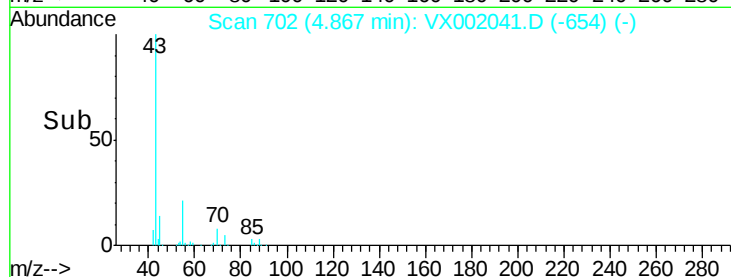
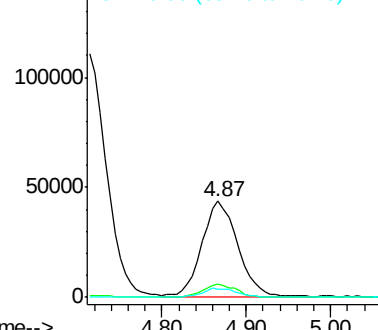
#37
Ethyl Acetate
Concen: 18.57 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX002041.D
Acq: 27 May 2018 02:05

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	43	Resp	125179
Ion Ratio	Lower	Upper	
43	100		
61	12.7	10.2	15.2
70	9.3	7.8	11.8

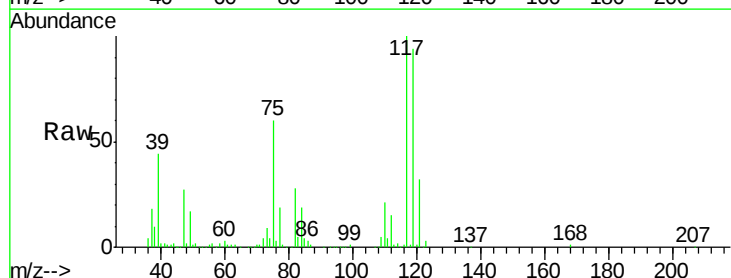


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

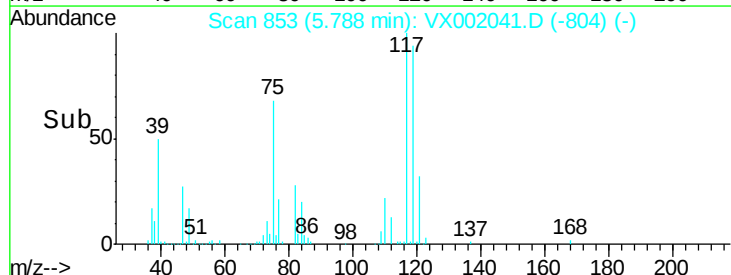
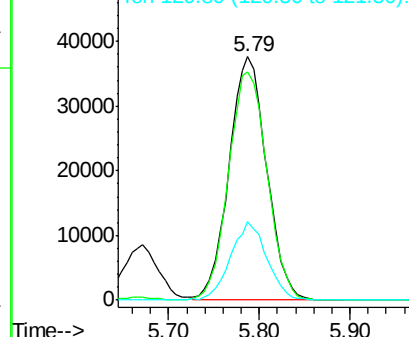


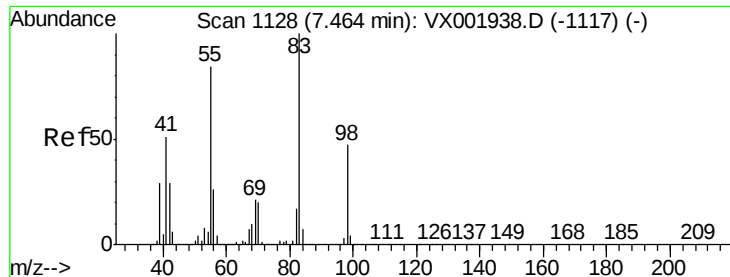
#38
Carbon Tetrachloride
Concen: 17.93 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX002041.D
Acq: 27 May 2018 02:05

Tgt Ion	117	Resp	108110
Ion Ratio	Lower	Upper	
117	100		
119	93.7	78.5	117.7
121	32.3	25.5	38.3



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

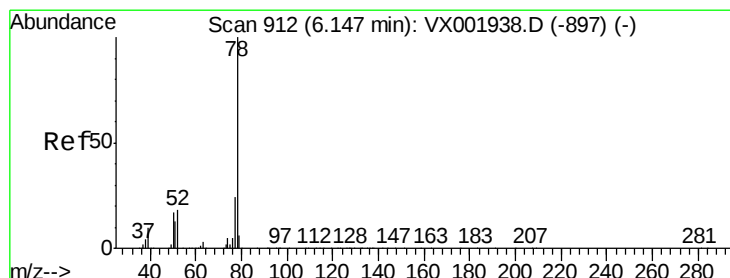
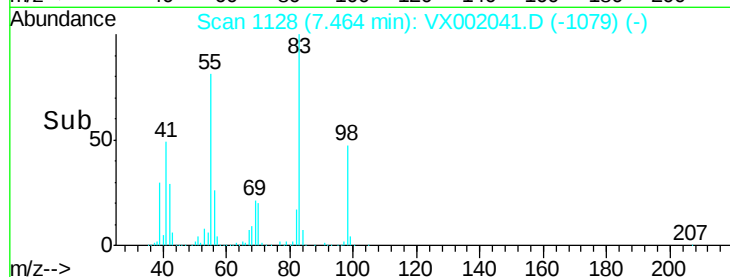
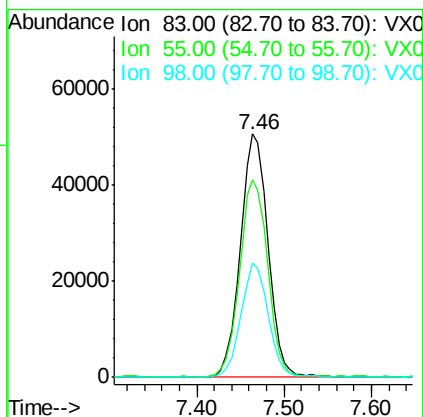
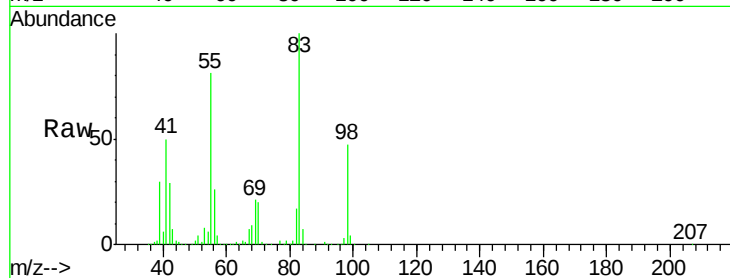




#39
Methvlcvclohexane
Concen: 17.52 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002041.D
Acq: 27 May 2018 02:05

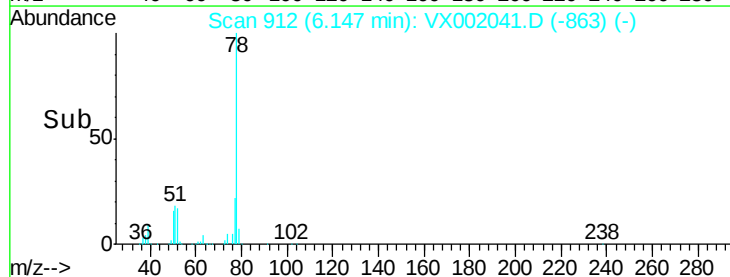
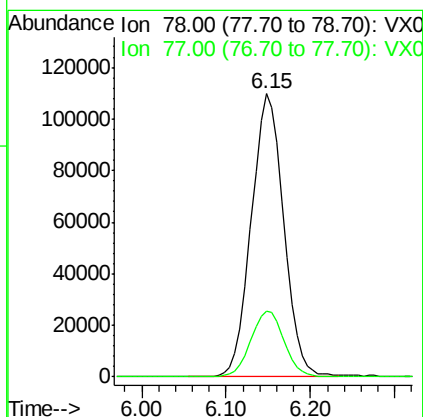
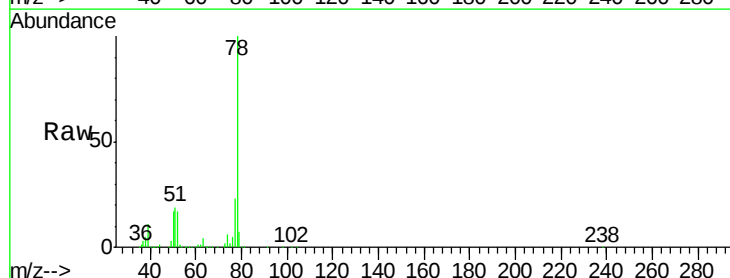
Instrument :
MSVOA_X
ClientSampleId :

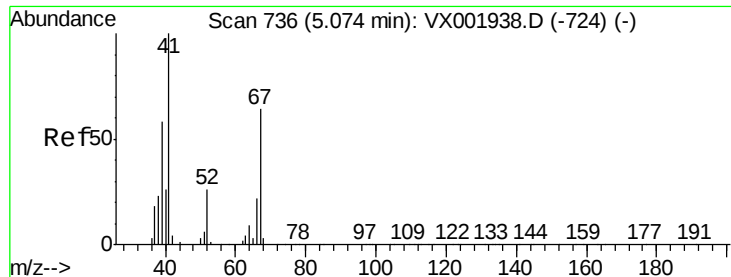
Tot Ion: 83 Resp: 111298
Ion Ratio Lower Upper
83 100
55 80.9 67.3 100.9
98 47.0 37.5 56.3



#40
Benzene
Concen: 19.05 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002041.D
Acq: 27 May 2018 02:05

Tgt Ion: 78 Resp: 288560
Ion Ratio Lower Upper
78 100
77 23.1 19.1 28.7

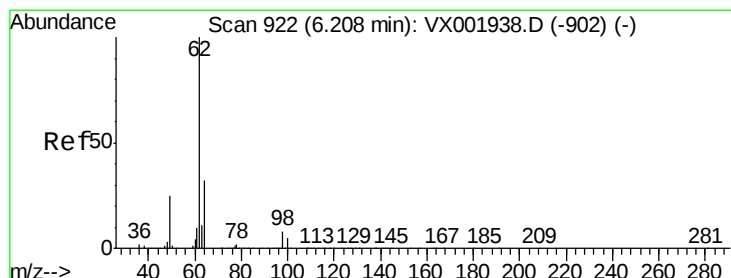
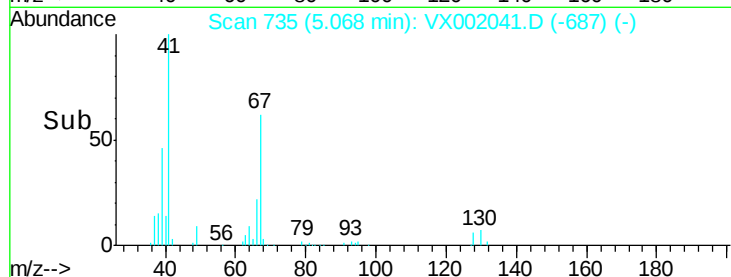
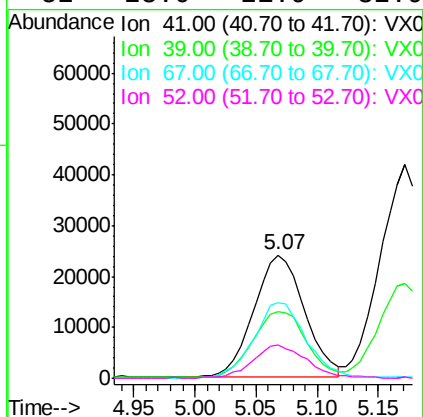
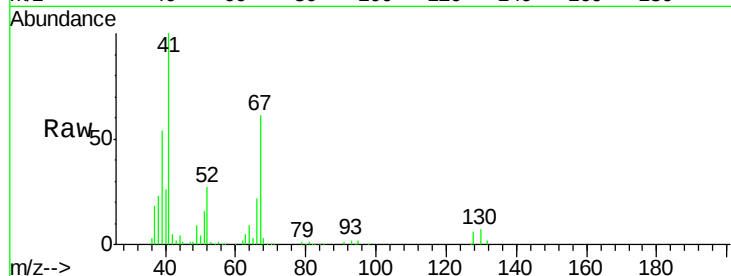




#41
Methacrylonitrile
Concen: 18.81 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX002041.D
Acq: 27 May 2018 02:05

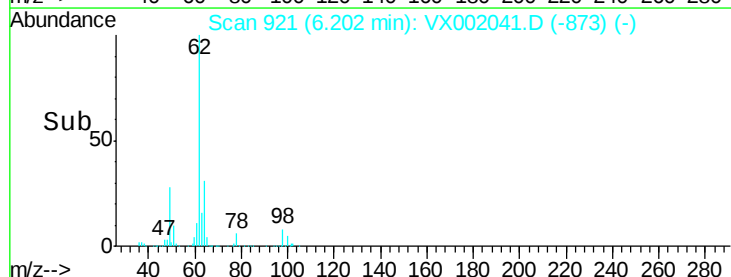
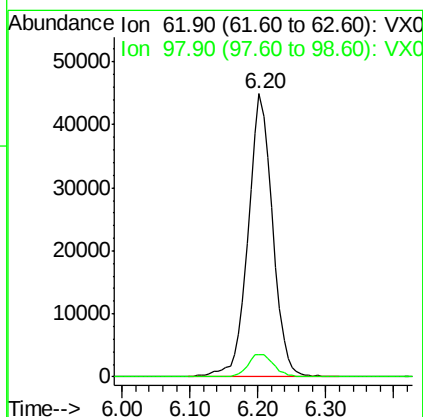
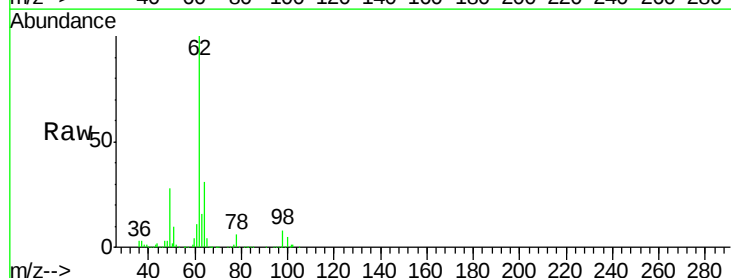
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	69940
Ion	Ratio	Lower	Upper
41	100		
39	56.5	46.0	69.0
67	64.0	50.6	75.8
52	28.0	21.9	32.9



#42
1,2-Dichloroethane
Concen: 18.65 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX002041.D
Acq: 27 May 2018 02:05

Tgt Ion:	62	Resp:	112843
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.0



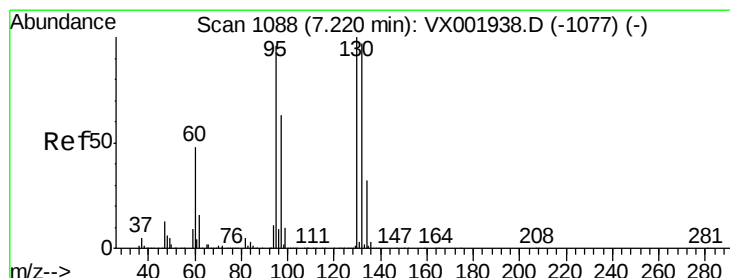
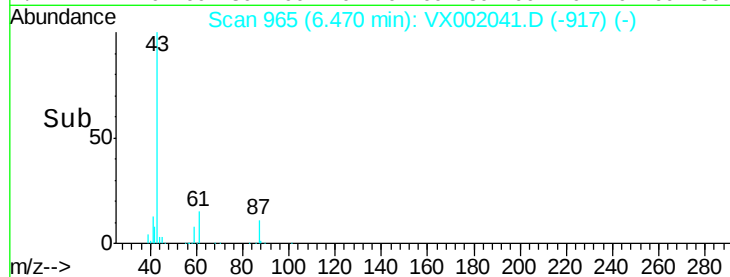
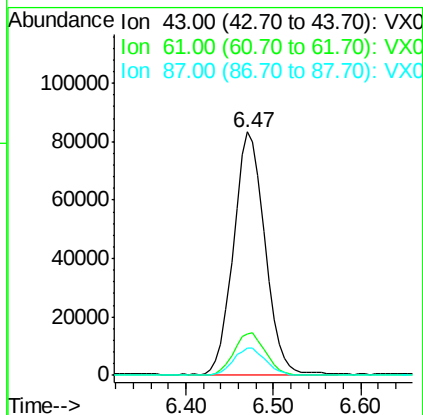
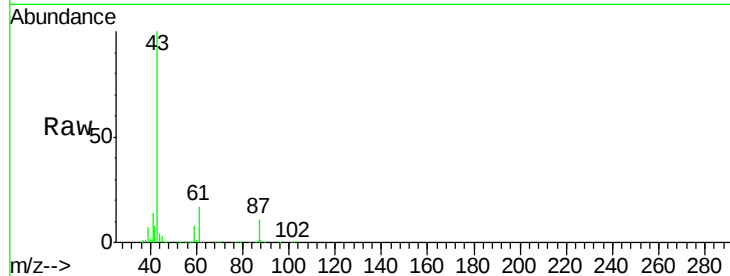


#43

Isopropyl Acetate
 Concen: 18.42 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: VX002041.D
 Acq: 27 May 2018 02:05

Instrument :
 MSVOA_X
 ClientSampleId :

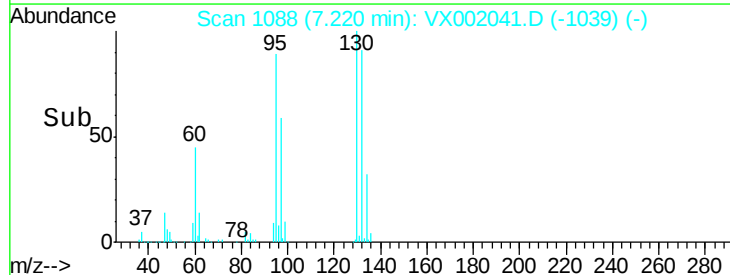
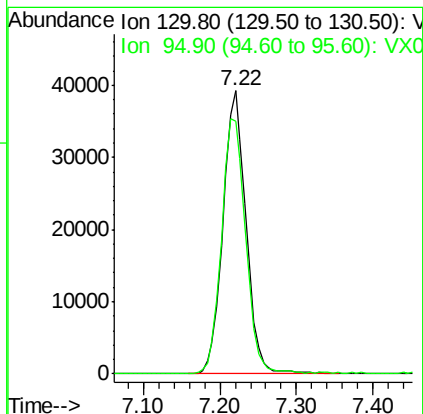
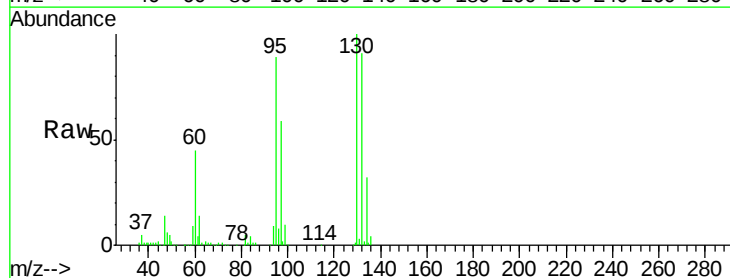
Tot Ion	43	Resp	206903
Ion Ratio	Lower	Upper	
43	100		
61	17.9	14.5	21.7
87	11.6	9.5	14.3



#44

Trichloroethene
 Concen: 18.54 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX002041.D
 Acq: 27 May 2018 02:05

Tgt Ion	130	Resp	81852
Ion Ratio	Lower	Upper	
130	100		
95	89.2	0.0	192.0

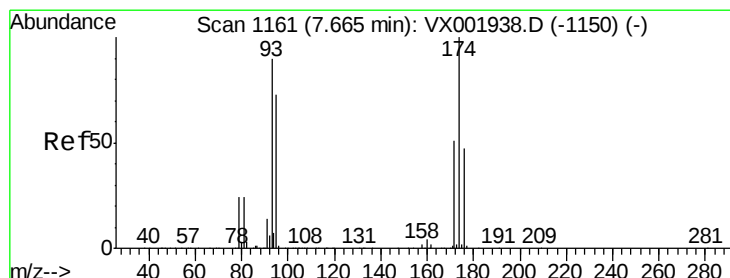
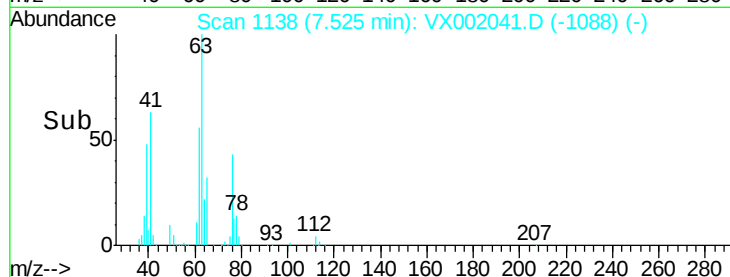
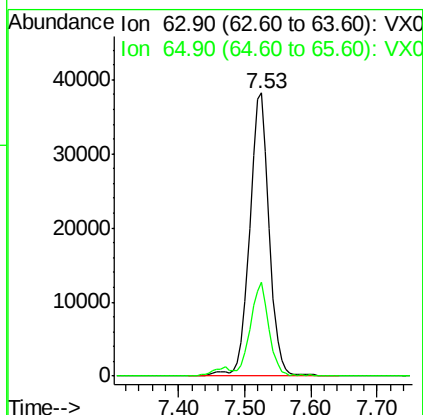
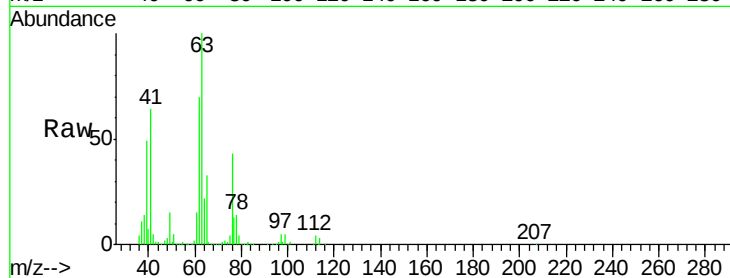




#45
 1,2-Dichloropropane
 Concen: 19.23 ug/l
 RT: 7.53 min Scan# 1138
 Delta R.T. 0.01 min
 Lab File: VX002041.D
 Acq: 27 May 2018 02:05

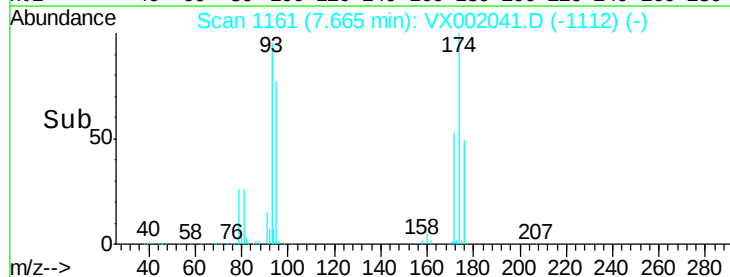
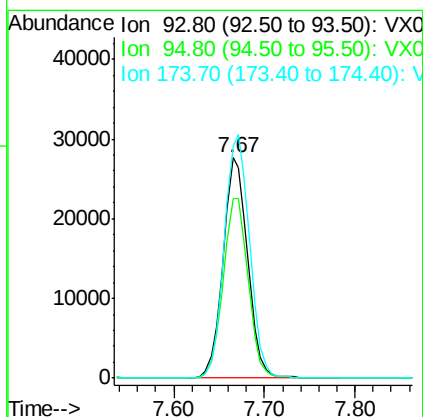
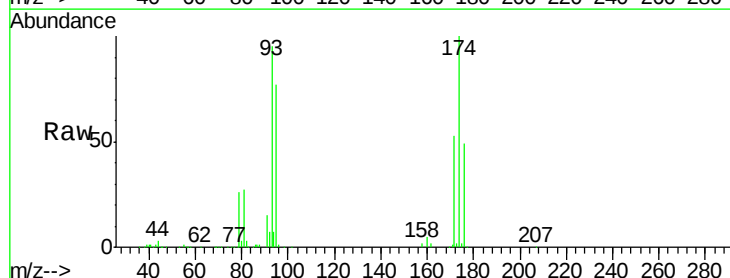
Instrument :
 MSVOA_X
 ClientSampleId :

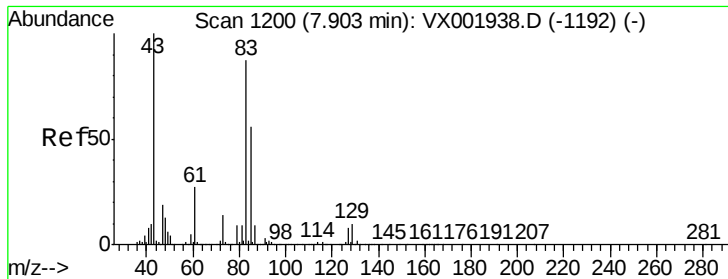
Tot Ion: 63 Resp: 79112
 Ion Ratio Lower Upper
 63 100
 65 33.2 24.1 36.1



#46
 Dibromomethane
 Concen: 19.18 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX002041.D
 Acq: 27 May 2018 02:05

Tgt Ion: 93 Resp: 52234
 Ion Ratio Lower Upper
 93 100
 95 83.4 66.1 99.1
 174 113.2 92.5 138.7





#47

Bromodichloromethane

Concen: 17.88 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002041.D

Acq: 27 May 2018 02:05

Instrument :
MSVOA_X
ClientSampleId :

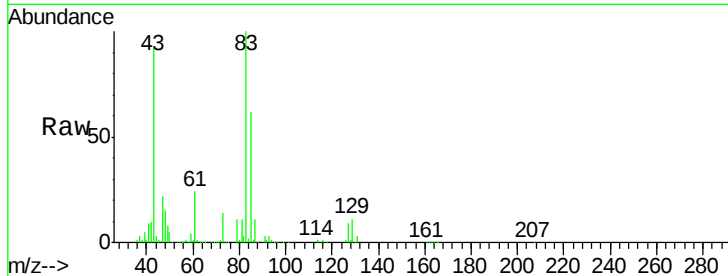
Tot Ion: 83 Resp: 103828

Ion	Ratio	Lower	Upper
83	100		
85	61.7	51.4	77.2
127	9.0	7.1	10.7

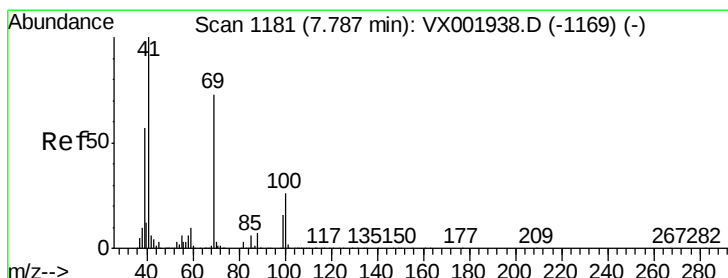
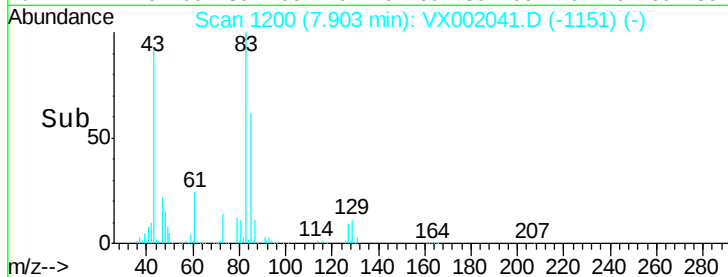
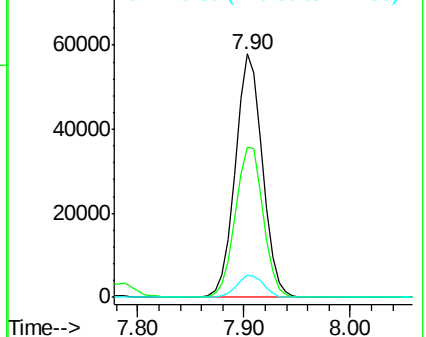
83 100

85 61.7 51.4 77.2

127 9.0 7.1 10.7



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: 18.14 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX002041.D

Acq: 27 May 2018 02:05

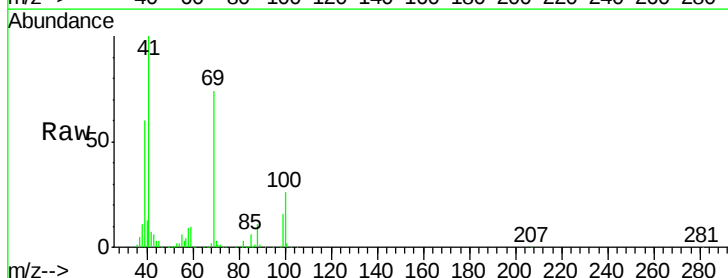
Tgt Ion: 41 Resp: 103691

Ion	Ratio	Lower	Upper
41	100		
69	73.7	58.6	87.8
39	59.7	46.3	69.5

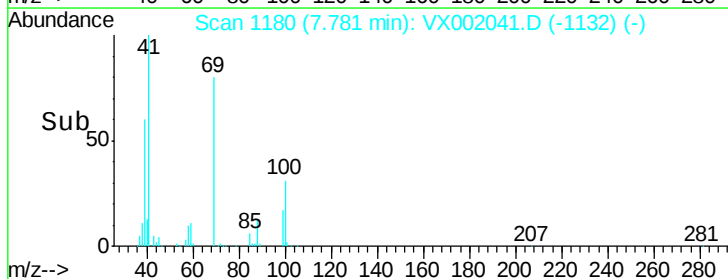
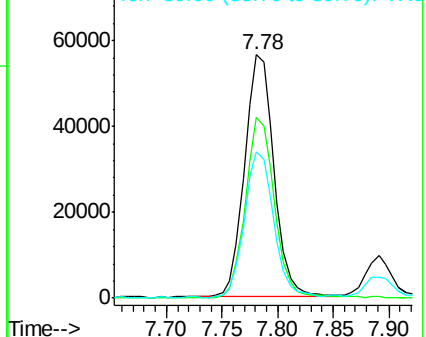
41 100

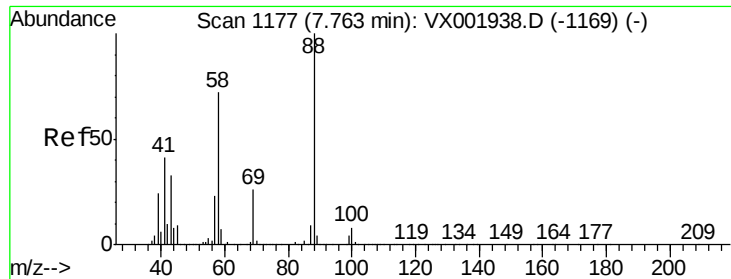
69 73.7 58.6 87.8

39 59.7 46.3 69.5



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

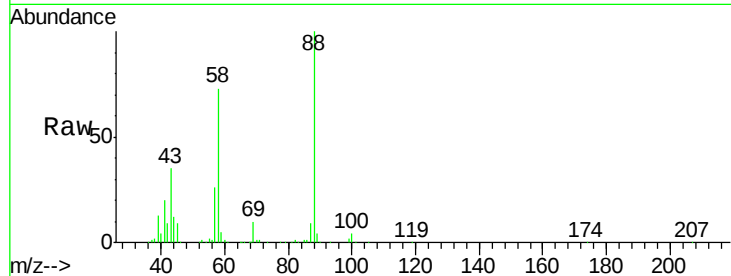




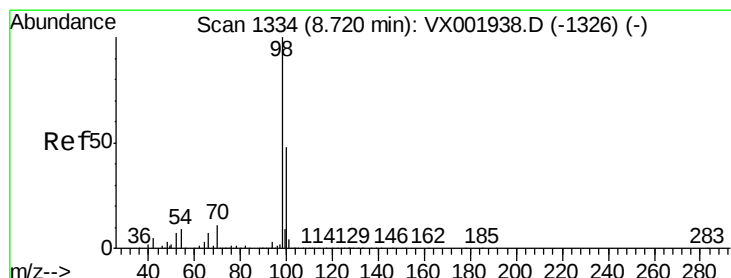
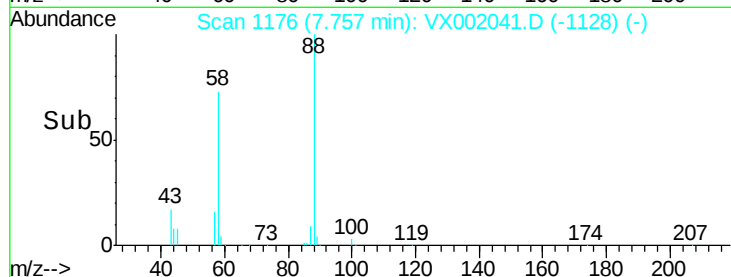
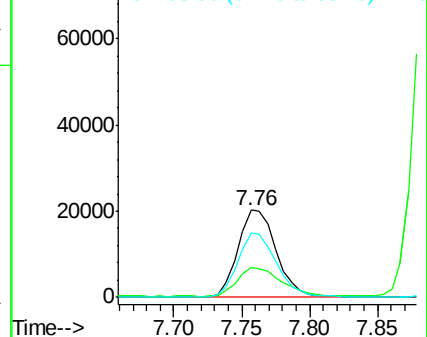
#49
1,4-Dioxane
Concen: 396.64 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.01 min
Lab File: VX002041.D
Acq: 27 May 2018 02:05

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	88	Resp	39951
Ion	Ratio	Lower	Upper
88	100		
43	39.5	29.8	44.8
58	75.9	58.7	88.1

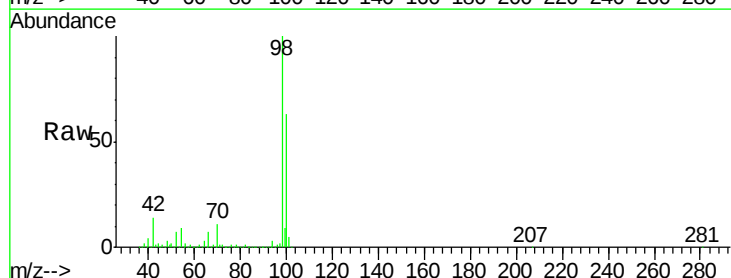


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

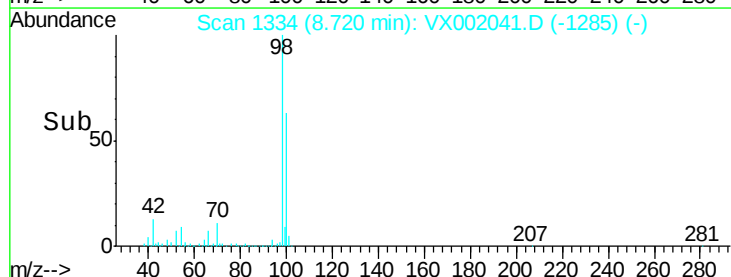
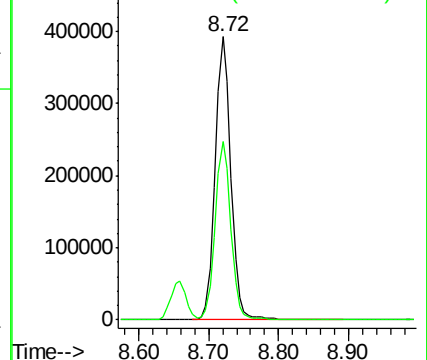


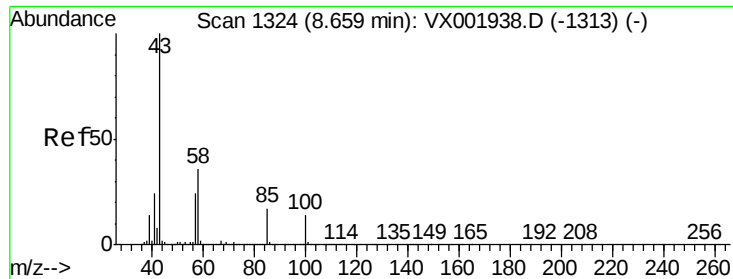
#50
Toluene-d8
Concen: 45.48 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002041.D
Acq: 27 May 2018 02:05

Tgt Ion	98	Resp	611980
Ion	Ratio	Lower	Upper
98	100		
100	63.3	51.5	77.3



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

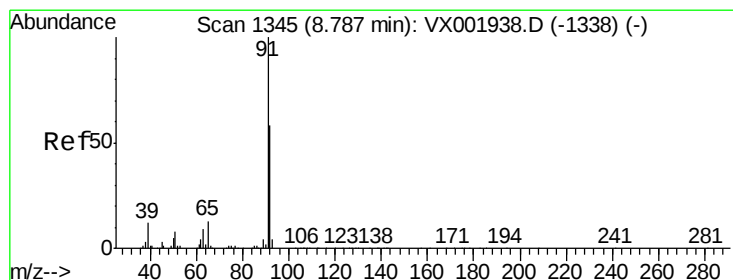
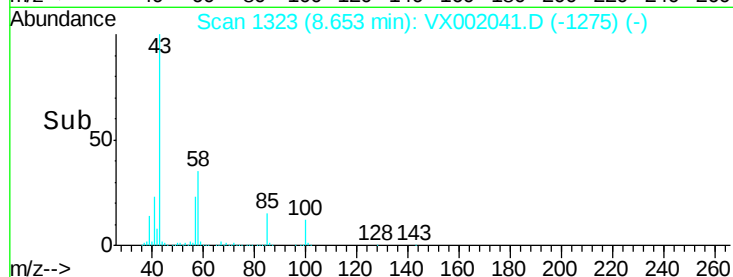
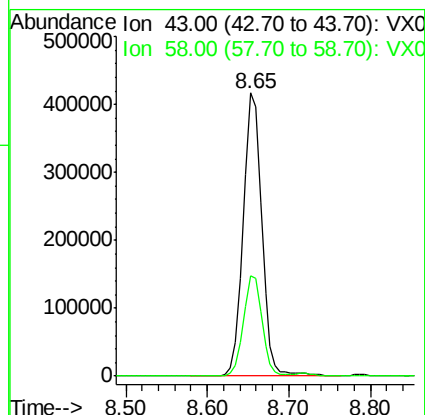
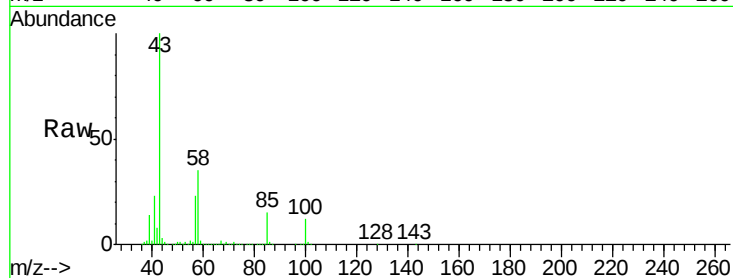




#51
 4-Methyl-2-Pentanone
 Concen: 96.81 ug/l
 RT: 8.65 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: VX002041.D
 Acq: 27 May 2018 02:05

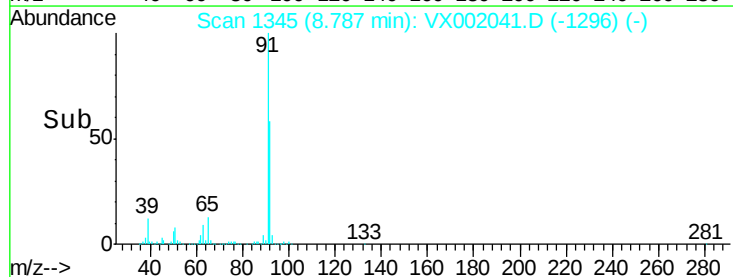
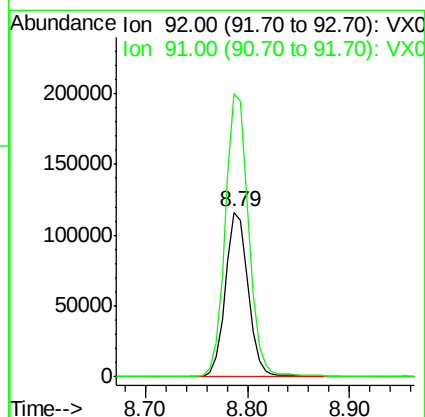
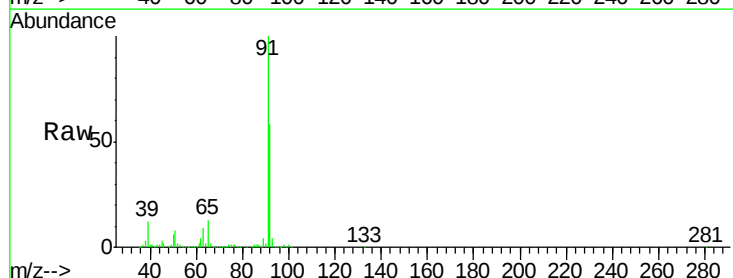
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 43 Resp: 655367
 Ion Ratio Lower Upper
 43 100
 58 35.3 28.5 42.7



#52
 Toluene
 Concen: 18.84 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. 0.00 min
 Lab File: VX002041.D
 Acq: 27 May 2018 02:05

Tgt Ion: 92 Resp: 181595
 Ion Ratio Lower Upper
 92 100
 91 176.2 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 17.08 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX002041.D

Acq: 27 May 2018 02:05

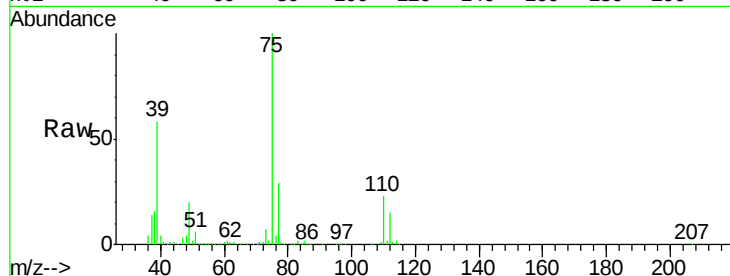
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 75 Resp: 114230

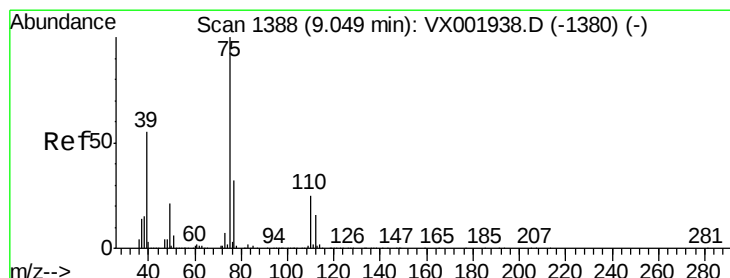
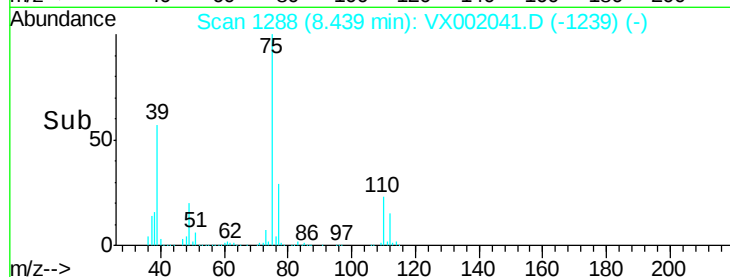
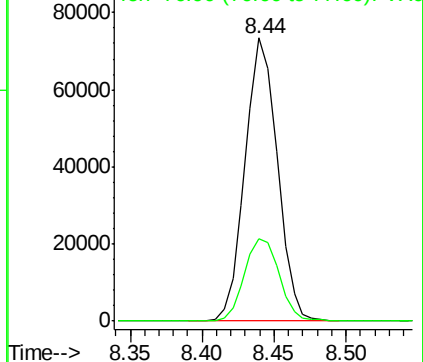
Ion Ratio Lower Upper

75 100

77 29.1 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 16.51 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX002041.D

Acq: 27 May 2018 02:05

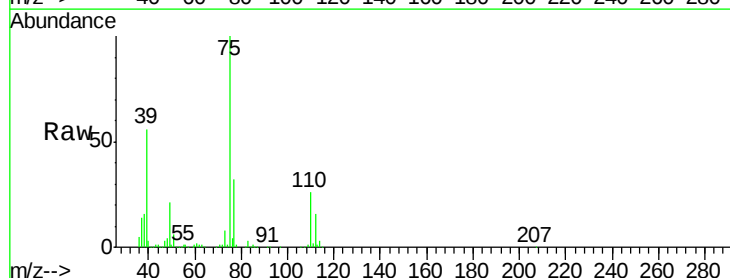
Tgt Ion: 75 Resp: 107585

Ion Ratio Lower Upper

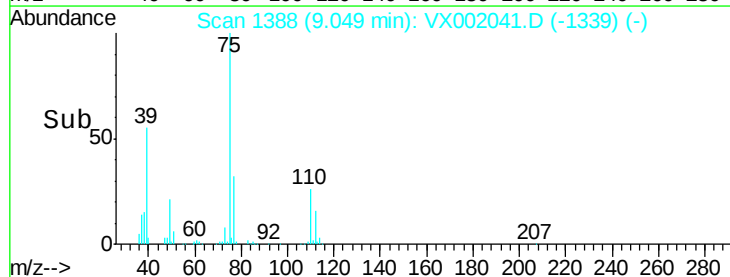
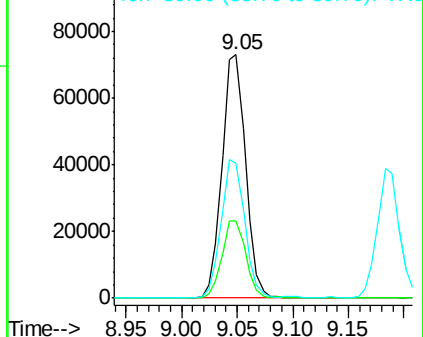
75 100

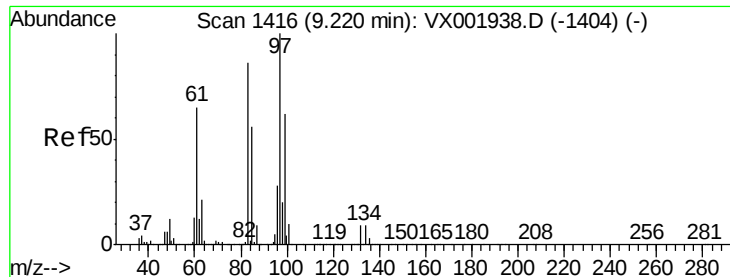
77 31.7 25.4 38.0

39 55.4 44.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 76.90 (76.60 to 77.60): VX0
Ion 39.00 (38.70 to 39.70): VX0

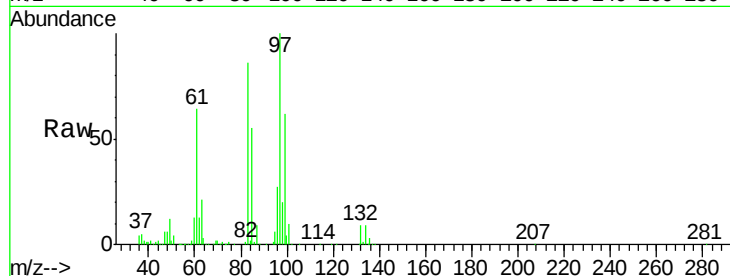




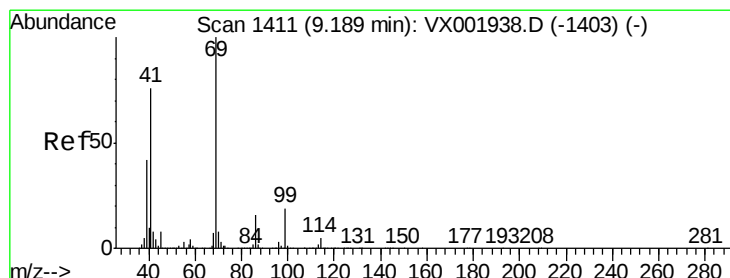
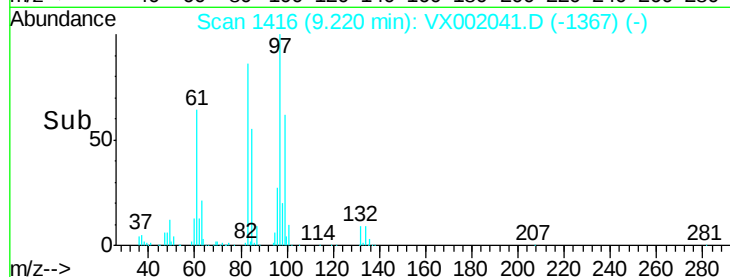
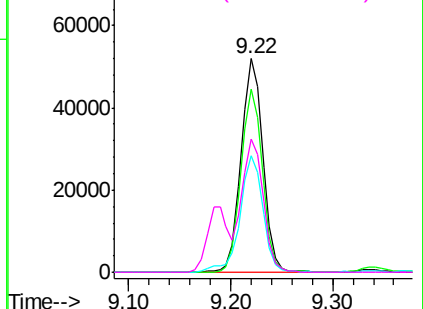
#55
 1,1,2-Trichloroethane
 Concen: 19.06 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX002041.D
 Acq: 27 May 2018 02:05

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	76762
Ion	Ratio	Lower	Upper
97	100		
83	85.6	69.1	103.7
85	54.7	45.2	67.8
99	62.4	49.6	74.4

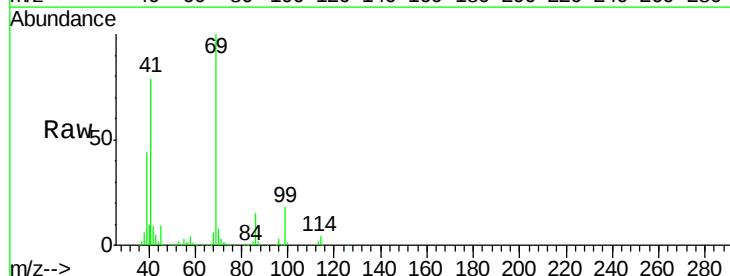


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

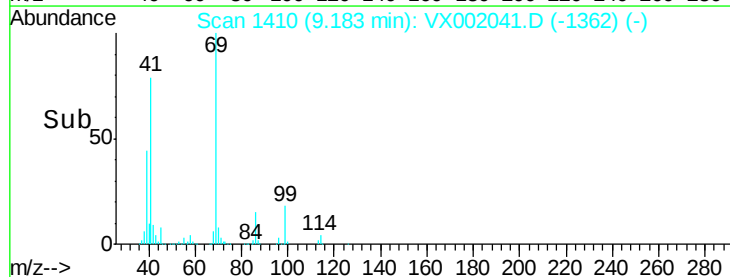
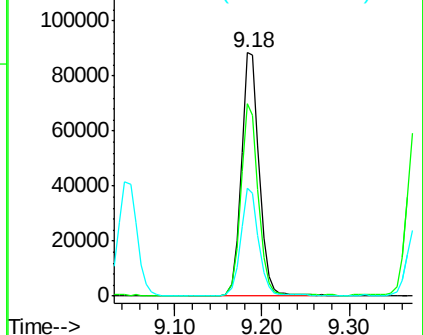


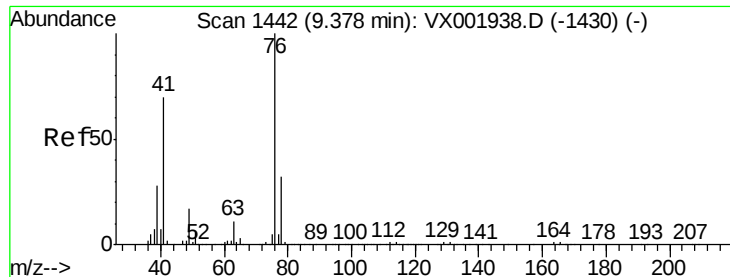
#56
 Ethyl methacrylate
 Concen: 18.27 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: VX002041.D
 Acq: 27 May 2018 02:05

Tgt Ion:	69	Resp:	126544
Ion	Ratio	Lower	Upper
69	100		
41	76.5	61.0	91.6
39	43.5	34.4	51.6



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





#57

1,3-Dichloropropane

Concen: 19.12 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX002041.D

Acq: 27 May 2018 02:05

Instrument :

MSVOA_X

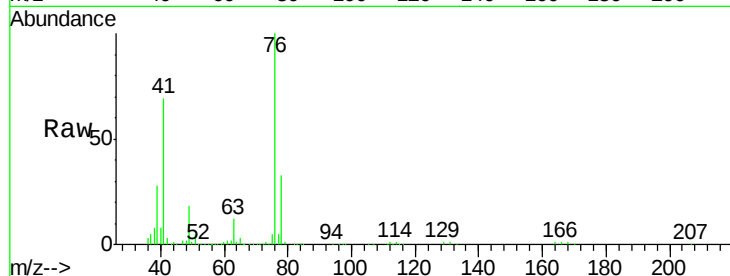
ClientSampleId :

Tot Ion: 76 Resp: 126807

Ion Ratio Lower Upper

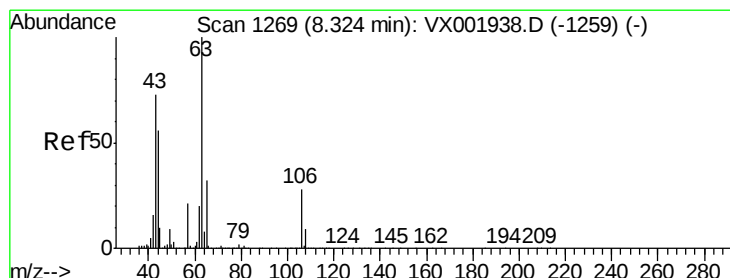
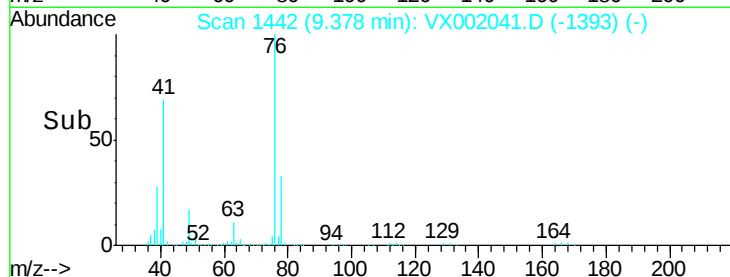
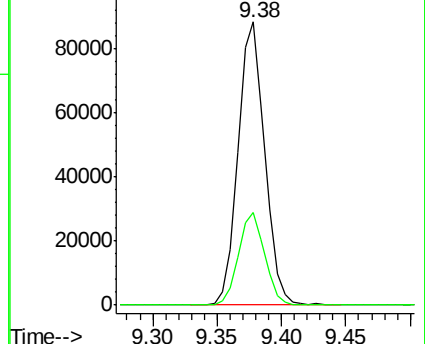
76 100

78 32.4 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 96.25 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX002041.D

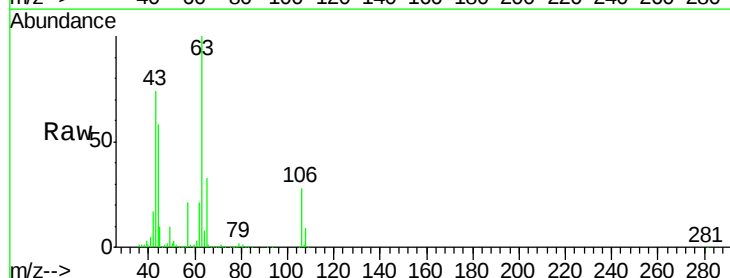
Acq: 27 May 2018 02:05

Tgt Ion: 63 Resp: 295481

Ion Ratio Lower Upper

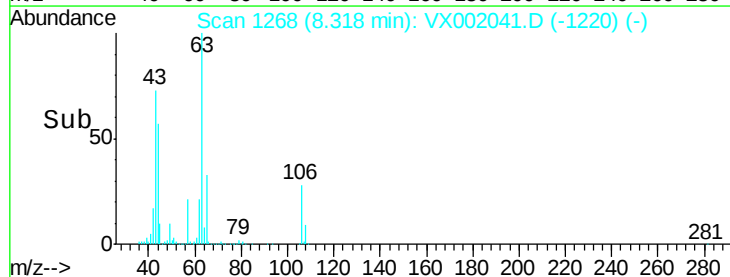
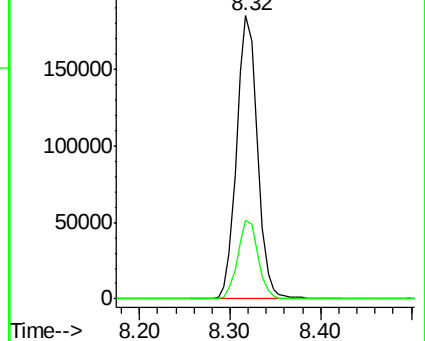
63 100

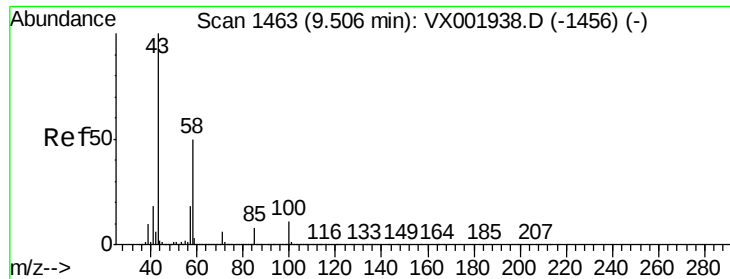
106 27.4 21.7 32.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

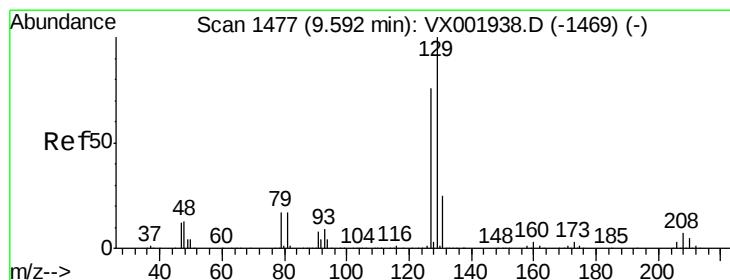
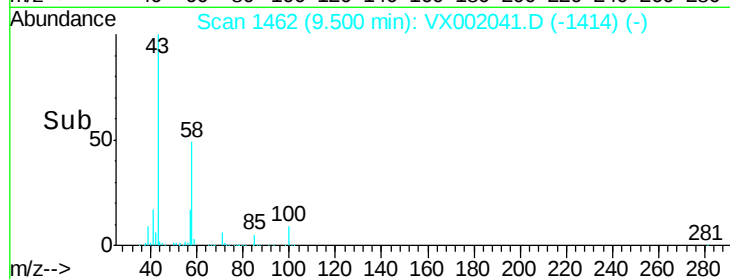
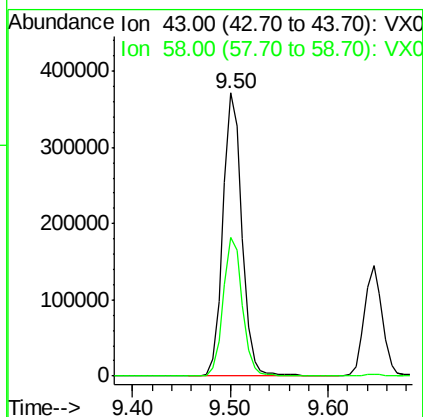
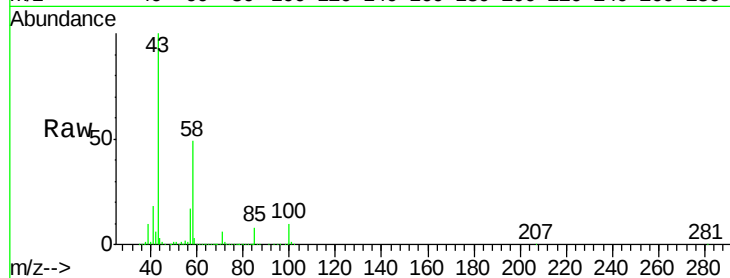




#59
2-Hexanone
Concen: 95.93 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX002041.D
Acq: 27 May 2018 02:05

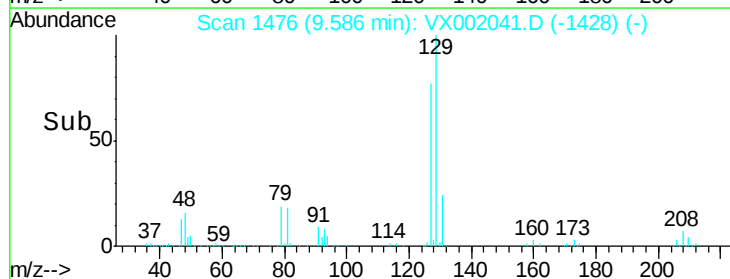
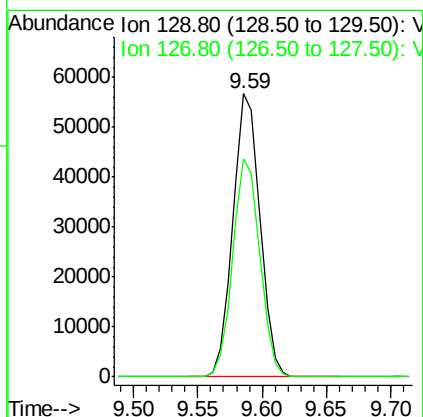
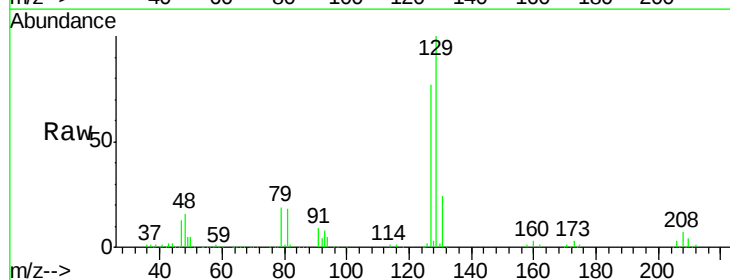
Instrument :
MSVOA_X
ClientSampled :

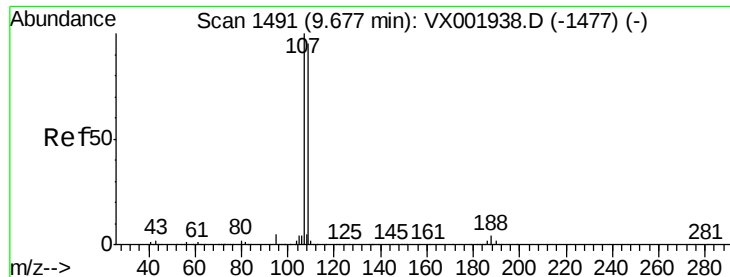
Tot Ion: 43 Resp: 500765
Ion Ratio Lower Upper
43 100
58 49.4 24.9 74.6



#60
Dibromochloromethane
Concen: 17.49 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX002041.D
Acq: 27 May 2018 02:05

Tgt Ion: 129 Resp: 83432
Ion Ratio Lower Upper
129 100
127 77.2 38.3 114.9





#61

1,2-Dibromoethane

Concen: 18.59 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002041.D

Acq: 27 May 2018 02:05

Instrument :

MSVOA_X

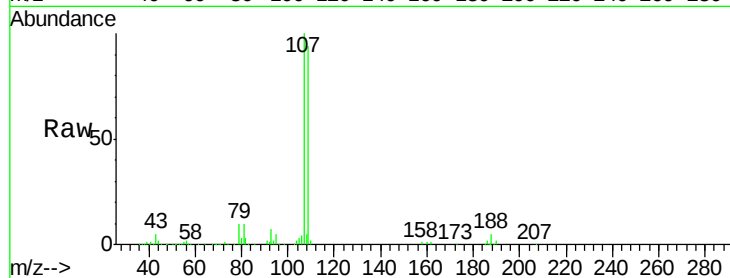
ClientSampleId :

Tot Ion:107 Resp: 78532

Ion Ratio Lower Upper

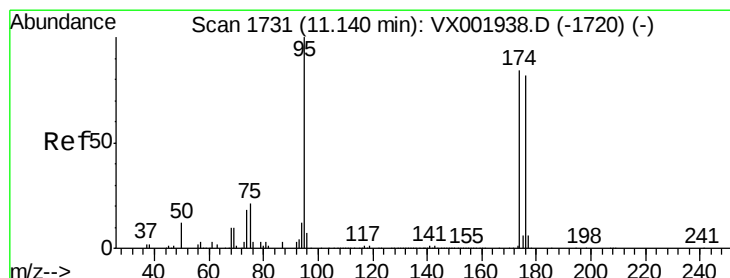
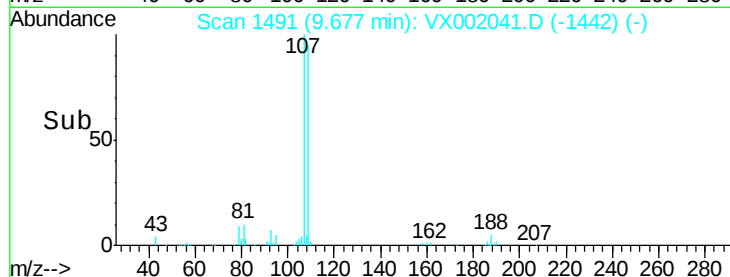
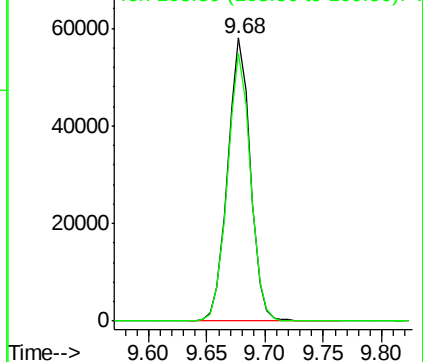
107 100

109 96.7 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 43.66 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002041.D

Acq: 27 May 2018 02:05

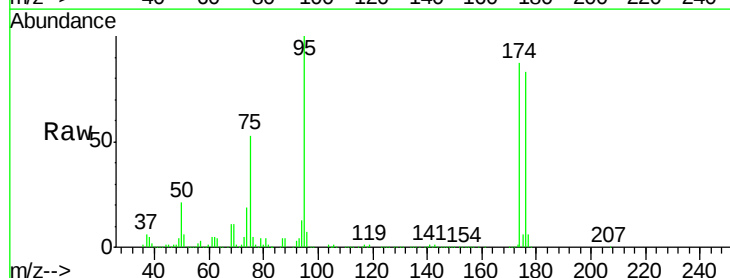
Tgt Ion: 95 Resp: 229856

Ion Ratio Lower Upper

95 100

174 92.5 0.0 178.8

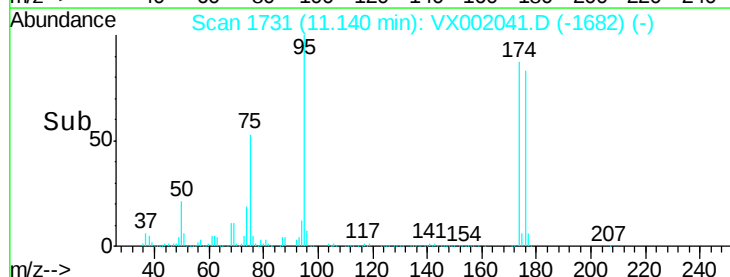
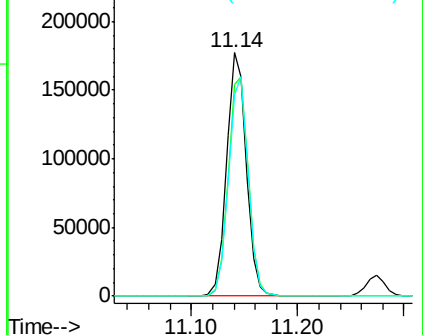
176 90.1 0.0 175.6



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: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX002041.D

Acq: 27 May 2018 02:05

Instrument :

MSVOA_X

ClientSampleId :

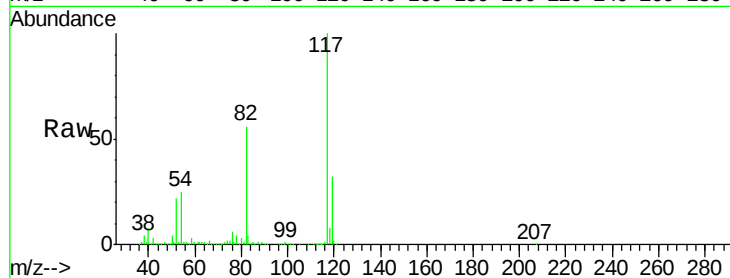
Tot Ion:117 Resp: 341440

Ion Ratio Lower Upper

117 100

82 56.1 44.8 67.2

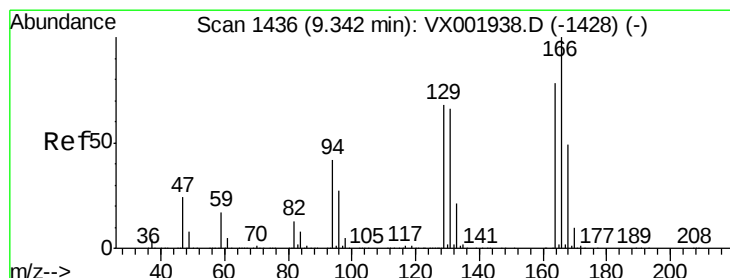
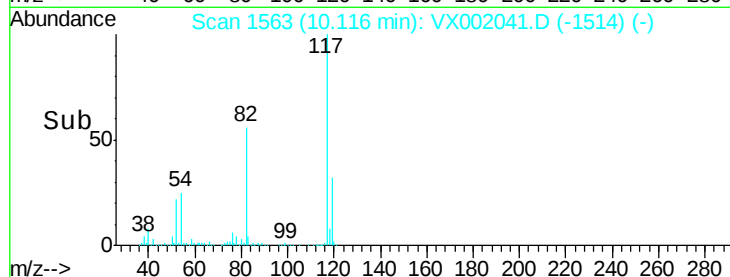
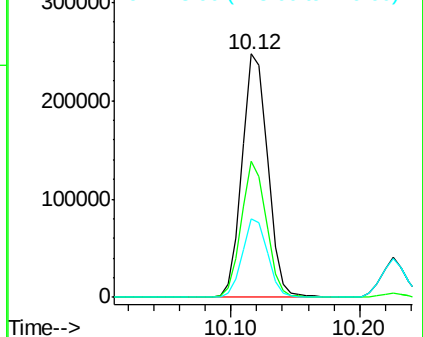
119 32.3 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 18.96 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX002041.D

Acq: 27 May 2018 02:05

Tgt Ion:164 Resp: 92840

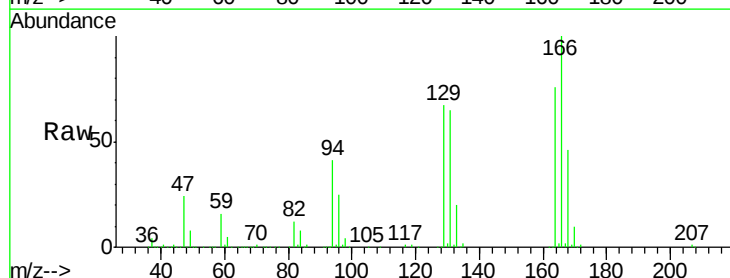
Ion Ratio Lower Upper

164 100

166 131.5 102.7 154.1

129 88.5 70.3 105.5

131 85.5 68.2 102.4

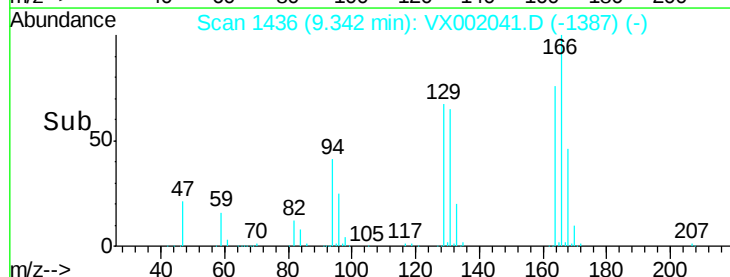
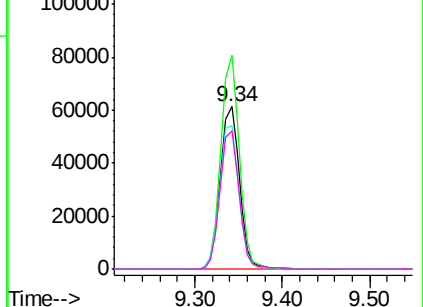


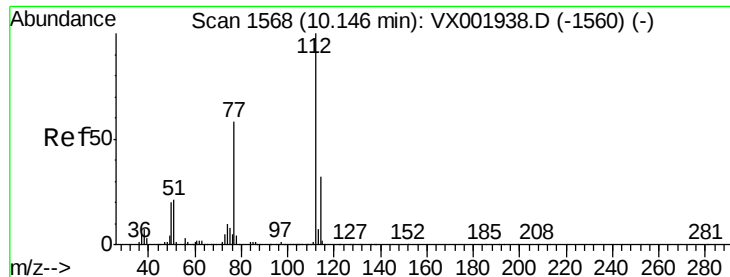
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 18.91 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX002041.D

Acq: 27 May 2018 02:05

Instrument :

MSVOA_X

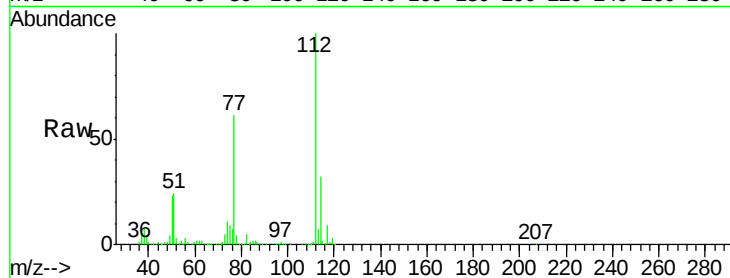
ClientSampleId :

Tot Ion:112 Resp: 204599

Ion Ratio Lower Upper

112 100

114 32.3 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

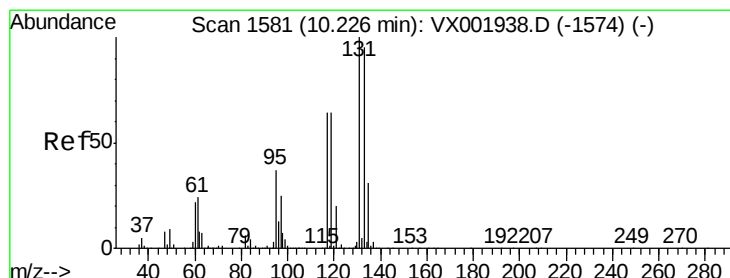
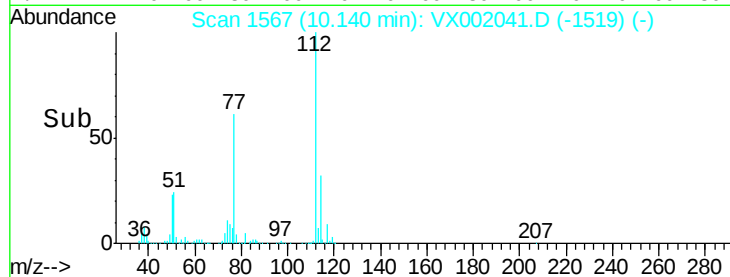
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 18.45 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX002041.D

Acq: 27 May 2018 02:05

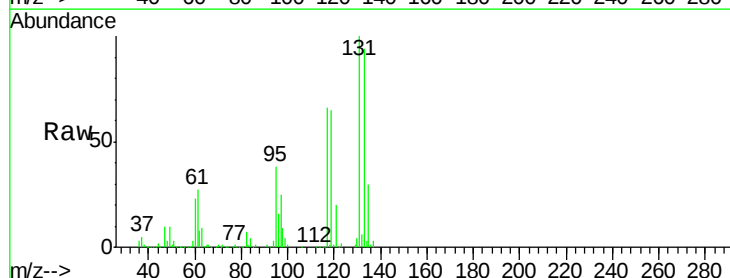
Tgt Ion:131 Resp: 80608

Ion Ratio Lower Upper

131 100

133 94.4 48.0 144.0

119 64.2 31.9 95.5



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.23

80000

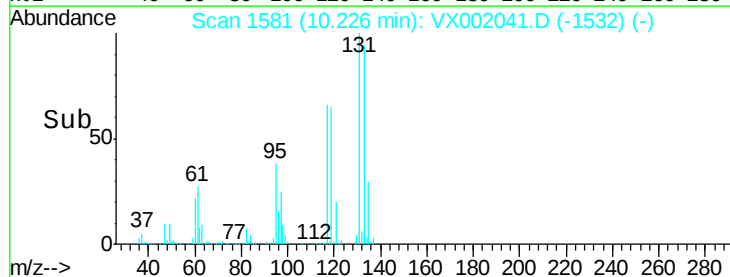
60000

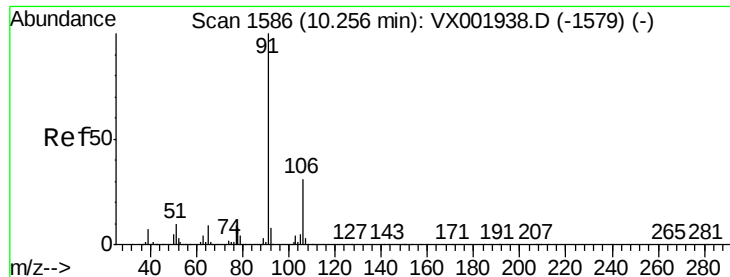
40000

20000

0

Time-->





#67

Ethyl Benzene

Concen: 18.94 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX002041.D

Acq: 27 May 2018 02:05

Instrument :

MSVOA_X

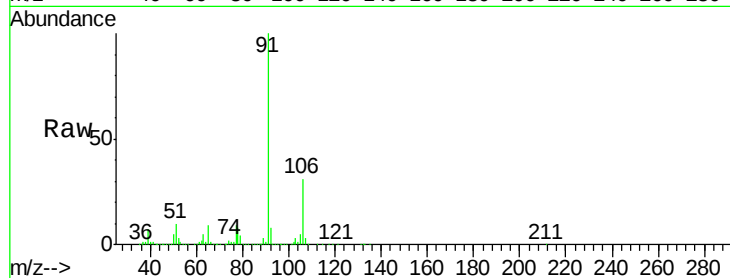
ClientSampled :

Tot Ion: 91 Resp: 355919

Ion Ratio Lower Upper

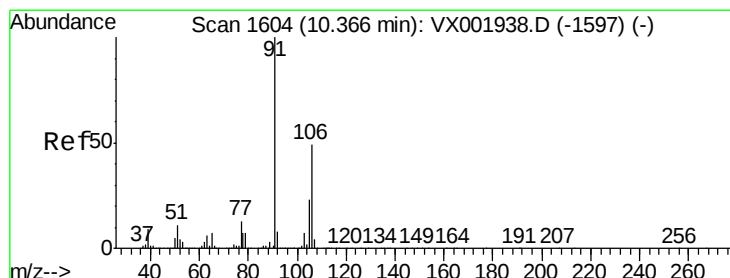
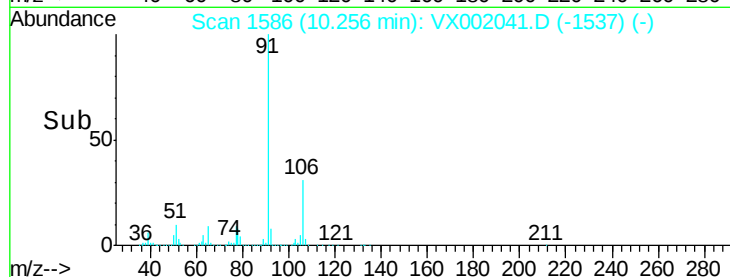
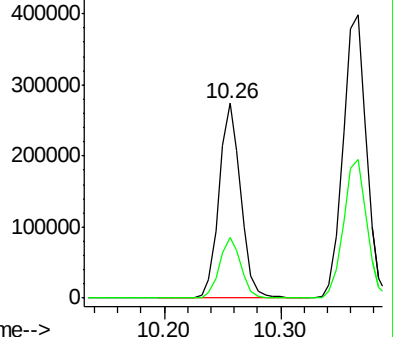
91 100

106 30.9 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 38.04 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX002041.D

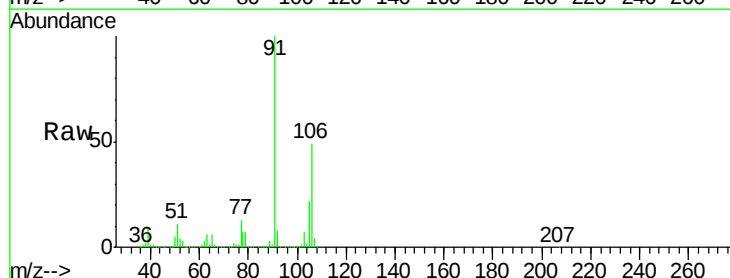
Acq: 27 May 2018 02:05

Tgt Ion: 106 Resp: 273319

Ion Ratio Lower Upper

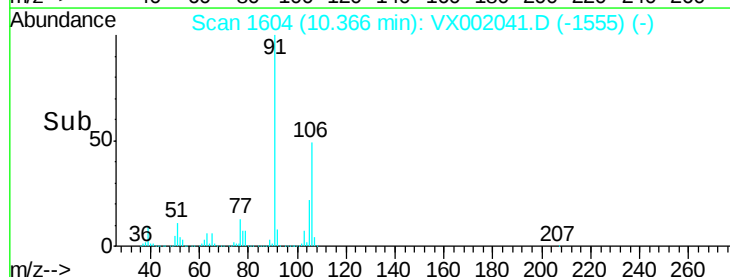
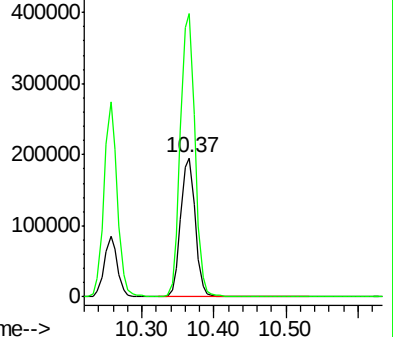
106 100

91 203.8 165.0 247.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

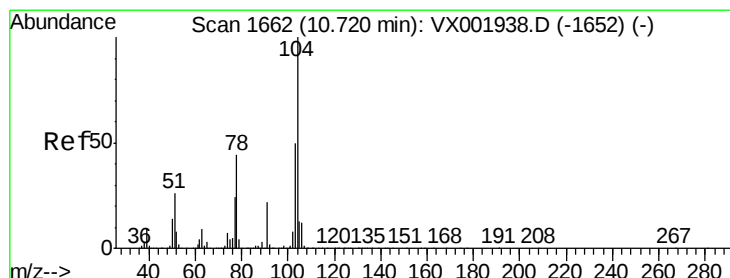
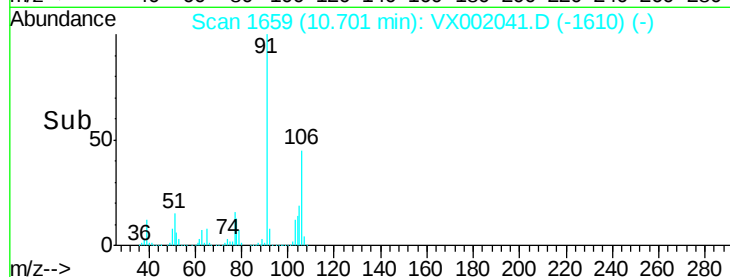
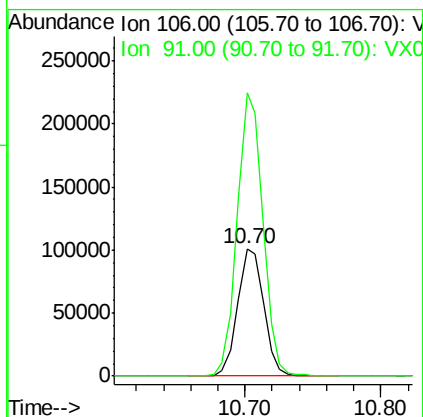
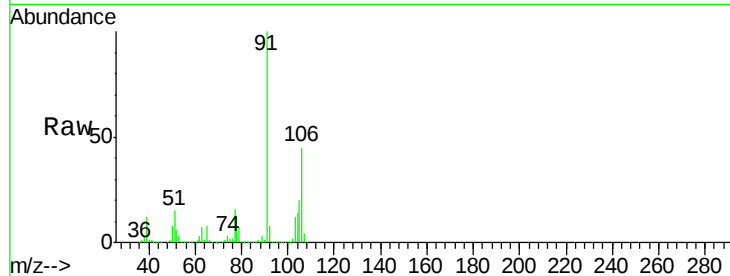




#69
o-Xylene
Concen: 18.86 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002041.D
Acq: 27 May 2018 02:05

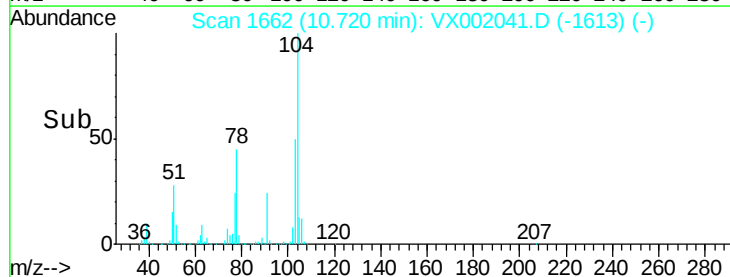
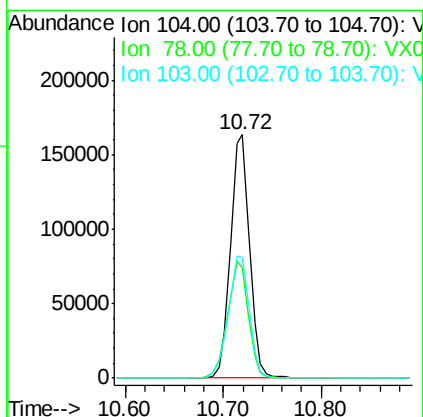
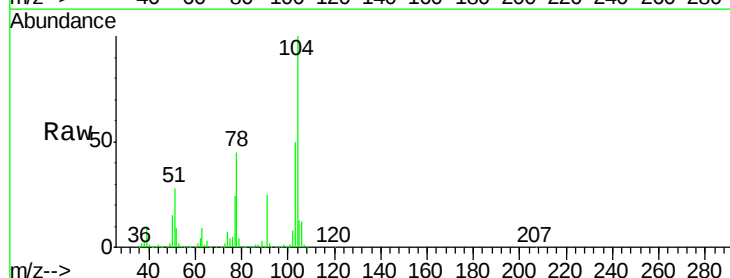
Instrument :
MSVOA_X
ClientSampleId :

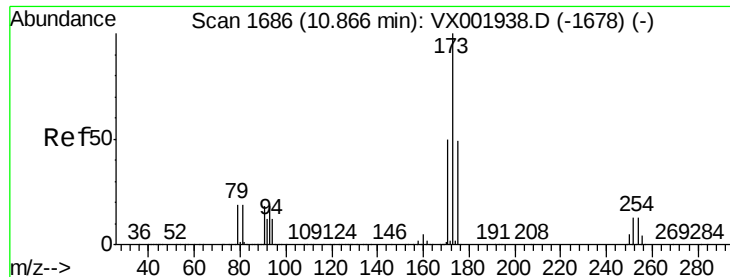
Tot Ion:106 Resp: 135279
Ion Ratio Lower Upper
106 100
91 218.2 108.7 325.9



#70
Styrene
Concen: 18.58 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX002041.D
Acq: 27 May 2018 02:05

Tgt Ion:104 Resp: 221047
Ion Ratio Lower Upper
104 100
78 52.6 41.8 62.6
103 55.3 44.6 67.0





#71

Bromoform

Concen: 16.37 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VX002041.D

Acq: 27 May 2018 02:05

Instrument :

MSVOA_X

ClientSampleId :

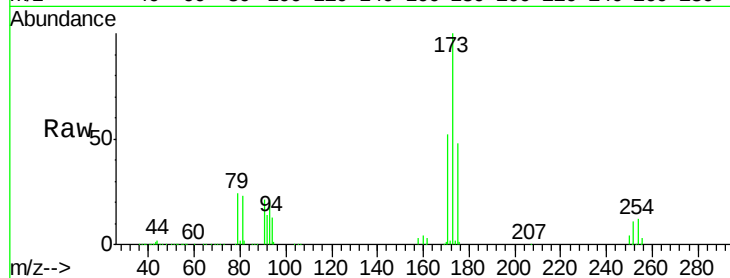
Tot Ion:173 Resp: 67798

Ion Ratio Lower Upper

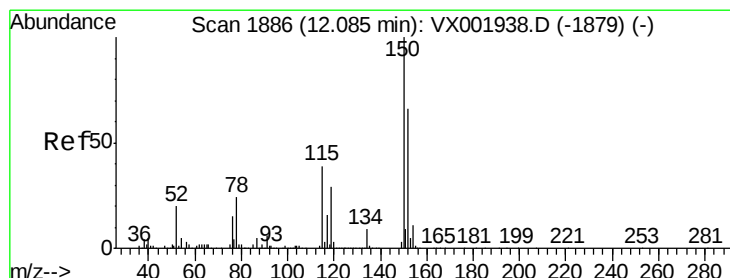
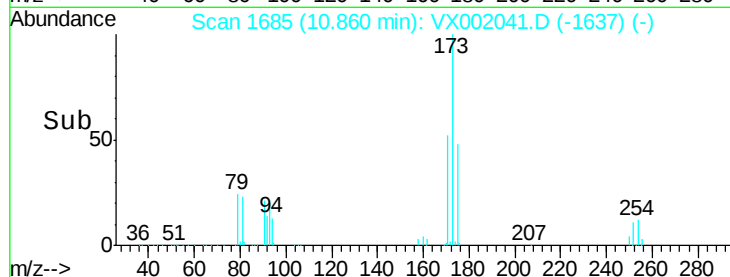
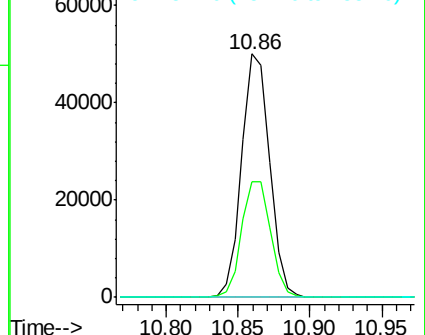
173 100

175 49.1 24.3 72.9

254 0.1 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: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002041.D

Acq: 27 May 2018 02:05

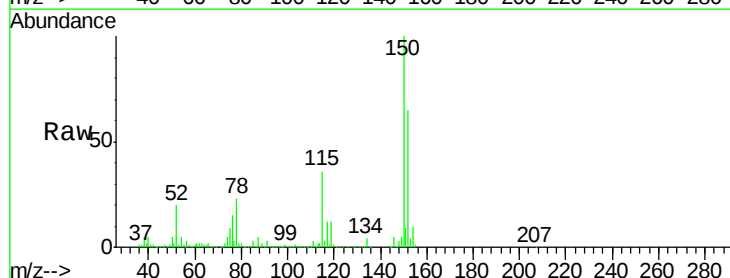
Tgt Ion:152 Resp: 221346

Ion Ratio Lower Upper

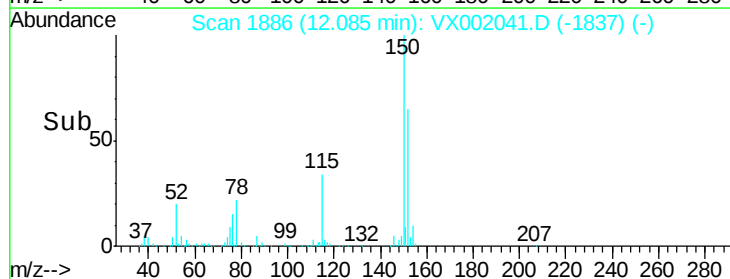
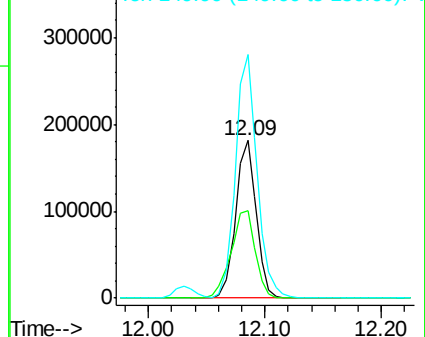
152 100

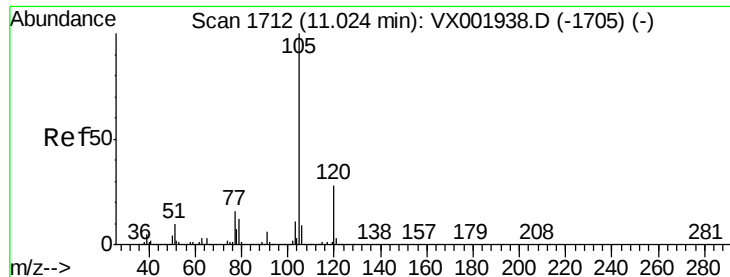
115 66.2 42.3 126.8

150 163.8 0.0 351.0



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





#73

Isopropylbenzene

Concen: 19.35 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002041.D

Acq: 27 May 2018 02:05

Instrument :

MSVOA_X

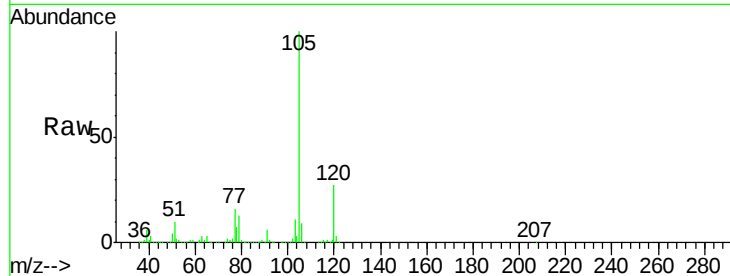
ClientSampleId :

Tot Ion:105 Resp: 362667

Ion Ratio Lower Upper

105 100

120 26.9 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

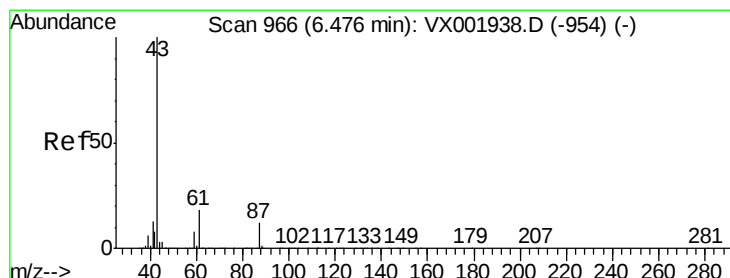
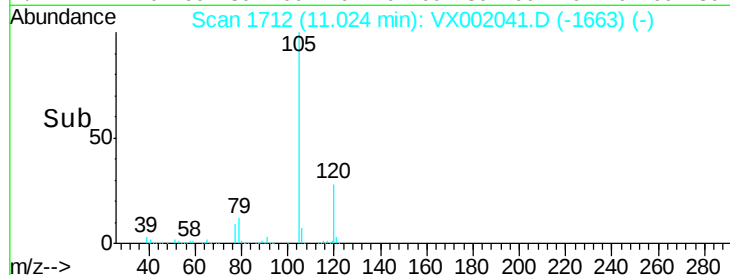
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 19.34 ug/l

RT: 6.47 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX002041.D

Acq: 27 May 2018 02:05

Tgt Ion: 43 Resp: 206903

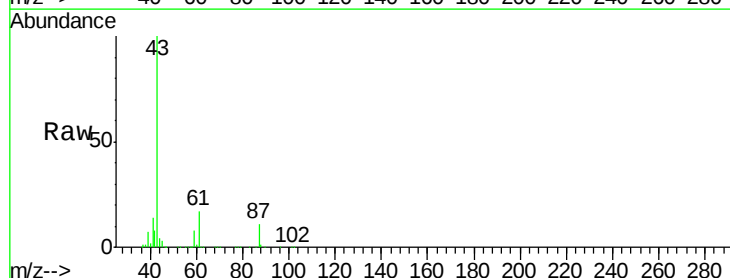
Ion Ratio Lower Upper

43 100

70 0.1 0.1 0.1#

55 0.0 0.1 0.1#

61 17.9 14.5 21.7



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

6.47

120000

100000

80000

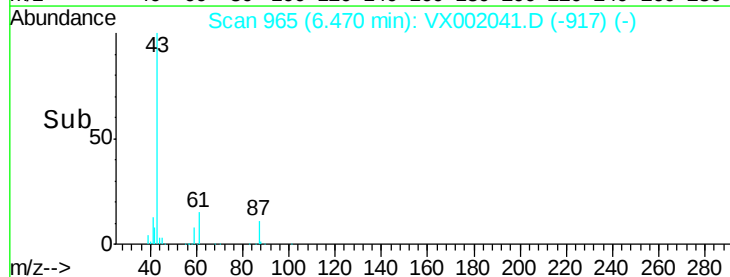
60000

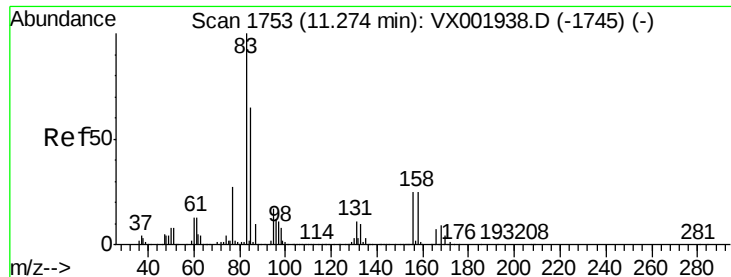
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.66 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002041.D

Acq: 27 May 2018 02:05

Instrument :

MSVOA_X

ClientSampleId :

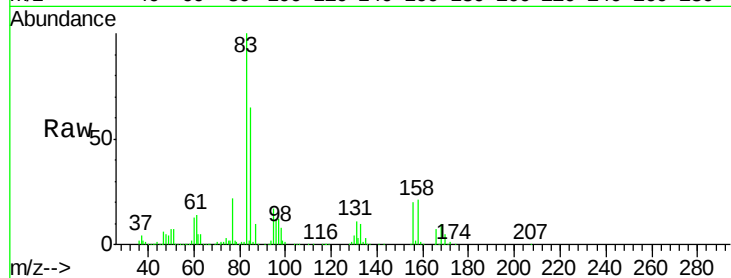
Tot Ion: 83 Resp: 109742

Ion Ratio Lower Upper

83 100

131 11.2 5.7 17.0

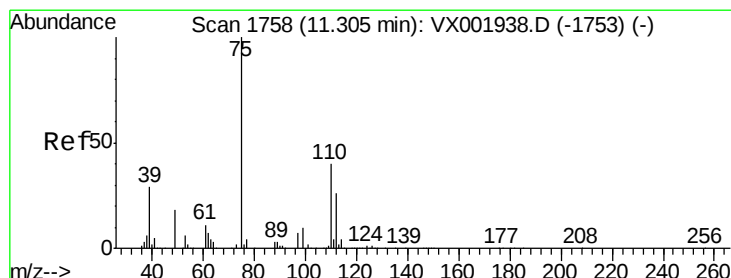
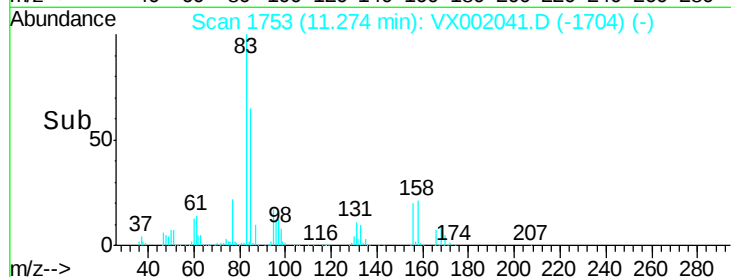
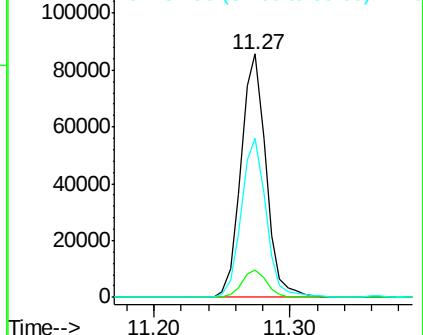
85 64.9 32.6 97.7



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: 24.79 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VX002041.D

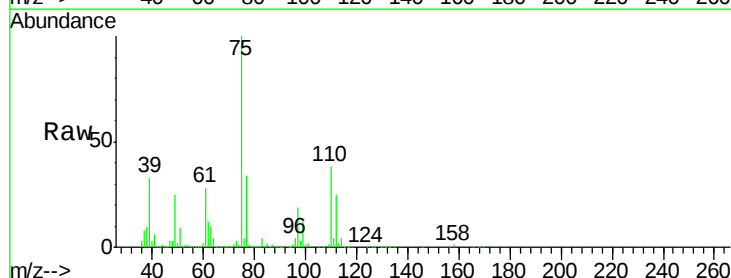
Acq: 27 May 2018 02:05

Tgt Ion: 75 Resp: 131811

Ion Ratio Lower Upper

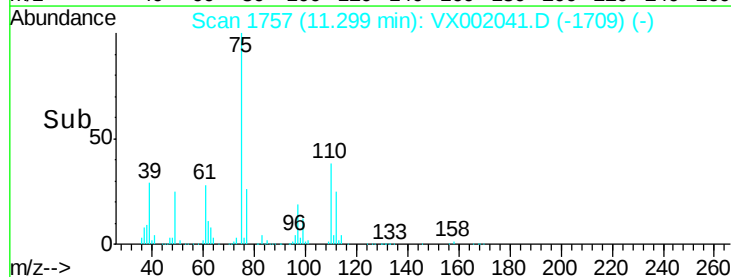
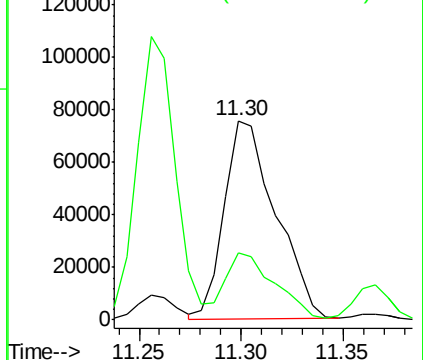
75 100

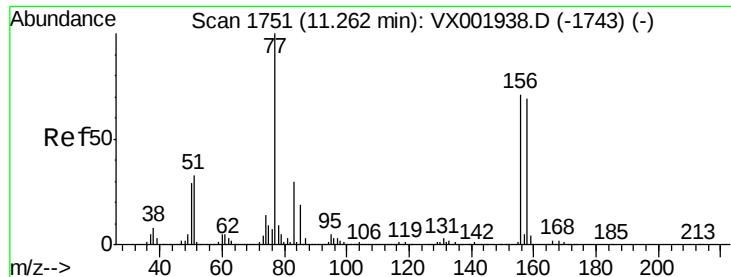
77 33.4 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.40 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX002041.D

Acq: 27 May 2018 02:05

Instrument :

MSVOA_X

ClientSampleId :

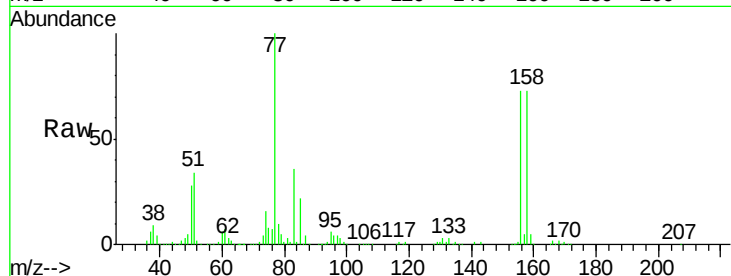
Tot Ion:156 Resp: 96497

Ion Ratio Lower Upper

156 100

77 145.1 75.2 225.6

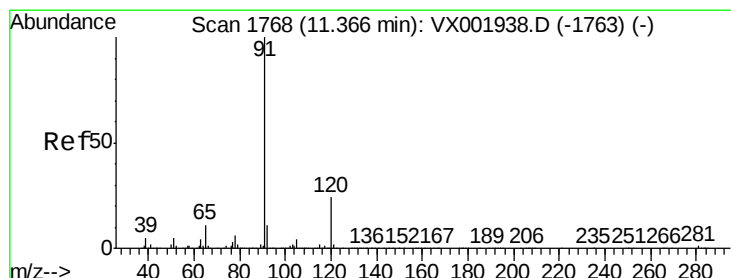
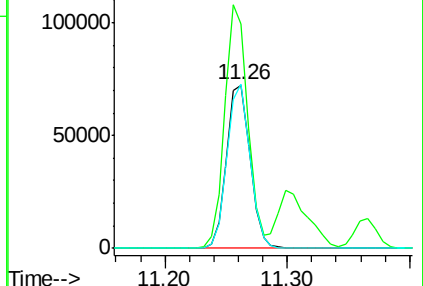
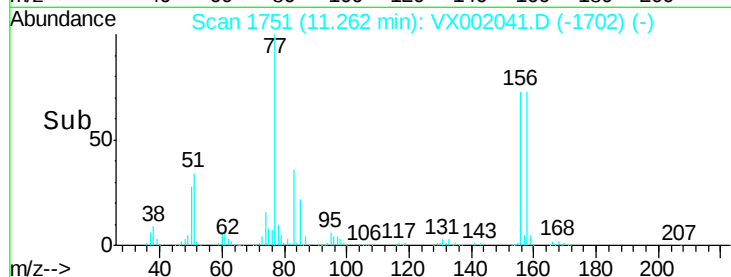
158 98.3 48.6 145.8



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: 18.87 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002041.D

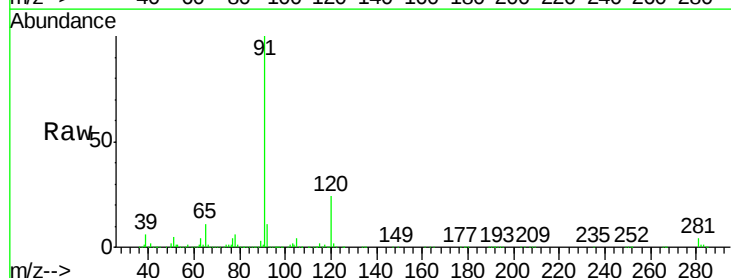
Acq: 27 May 2018 02:05

Tgt Ion: 91 Resp: 396178

Ion Ratio Lower Upper

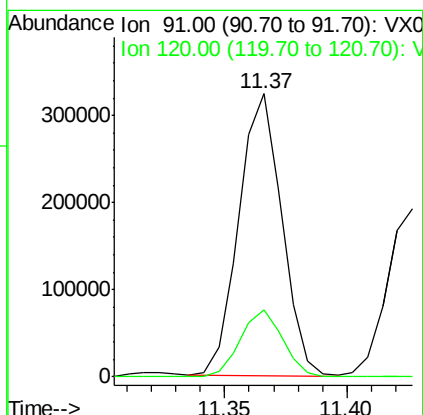
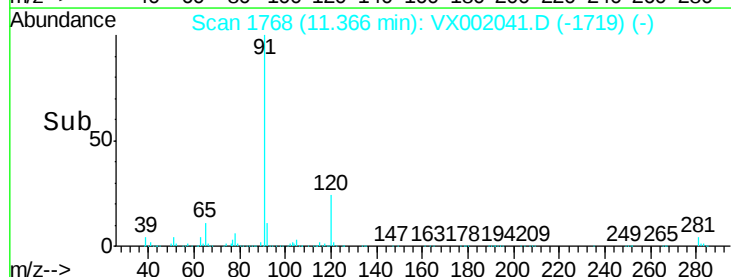
91 100

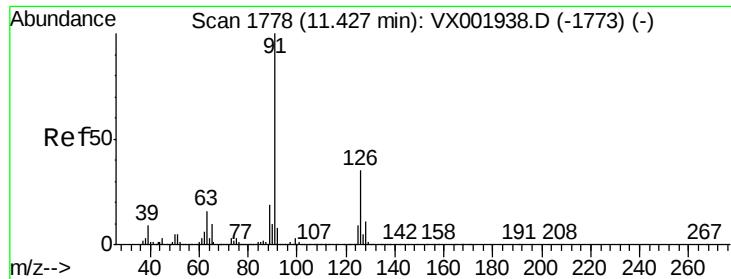
120 23.6 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.71 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002041.D

Acq: 27 May 2018 02:05

Instrument :

MSVOA_X

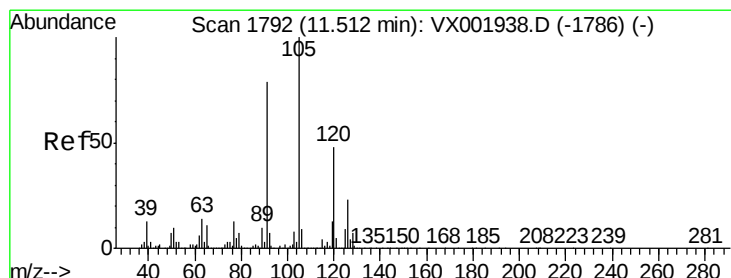
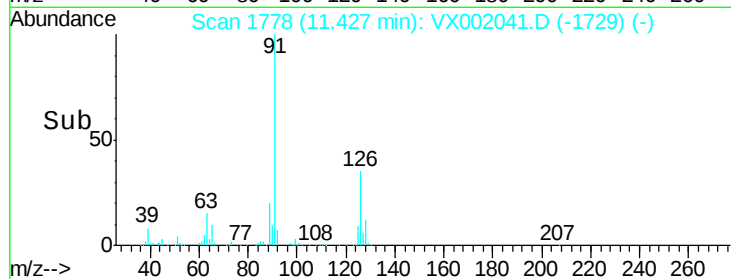
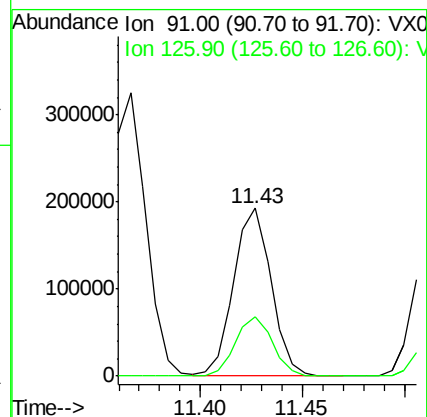
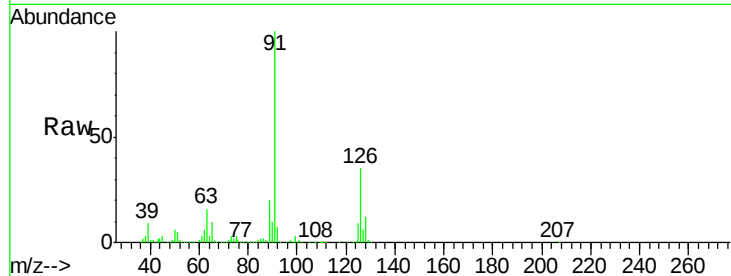
ClientSampleId :

Tot Ion: 91 Resp: 243080

Ion Ratio Lower Upper

91 100

126 35.6 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 18.84 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002041.D

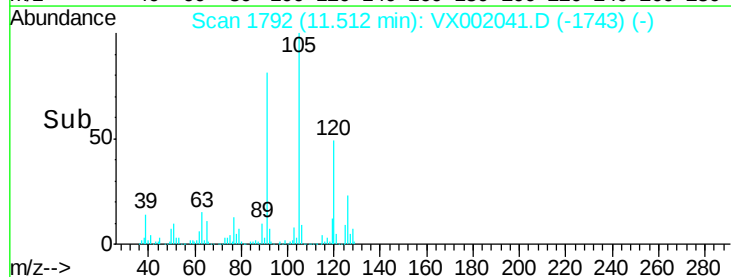
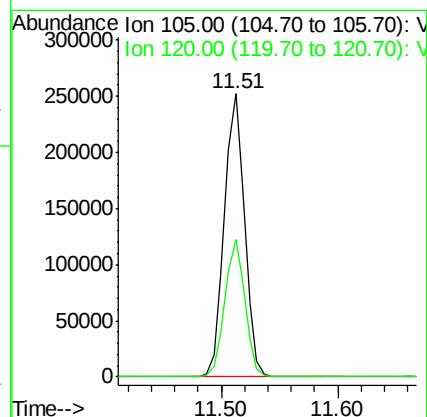
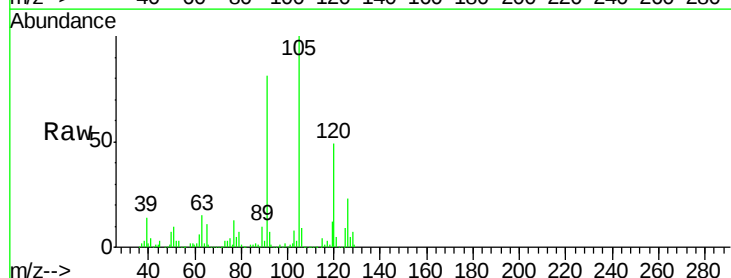
Acq: 27 May 2018 02:05

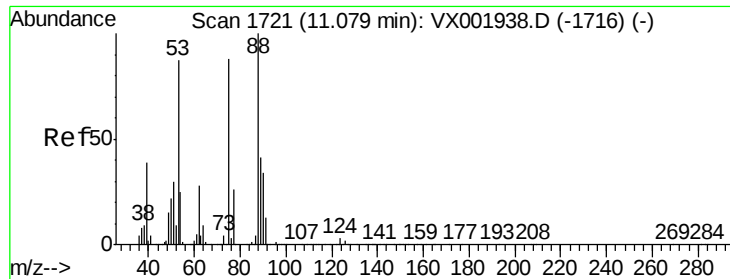
Tgt Ion:105 Resp: 301781

Ion Ratio Lower Upper

105 100

120 48.3 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 14.55 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002041.D

Acq: 27 May 2018 02:05

Instrument :

MSVOA_X

ClientSampleId :

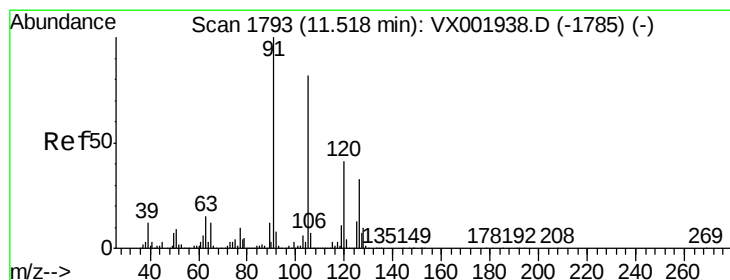
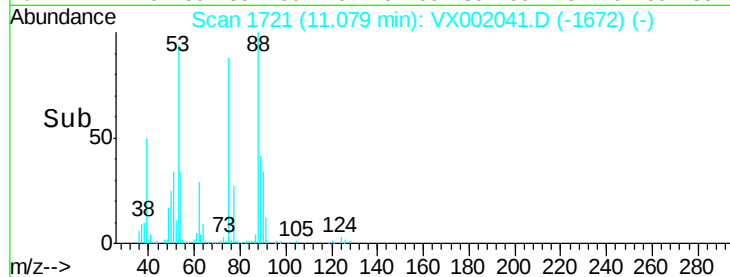
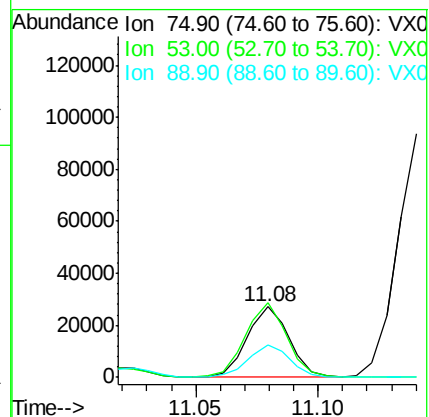
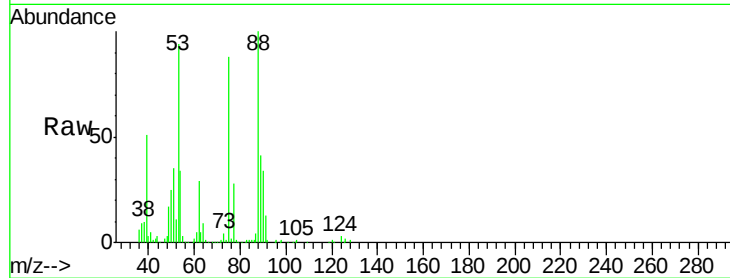
Tot Ion: 75 Resp: 32195

Ion	Ratio	Lower	Upper
75	100		
53	104.6	78.0	117.0
89	46.7	39.4	59.2

75 100

53 104.6 78.0 117.0

89 46.7 39.4 59.2



#82

4-Chlorotoluene

Concen: 18.83 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX002041.D

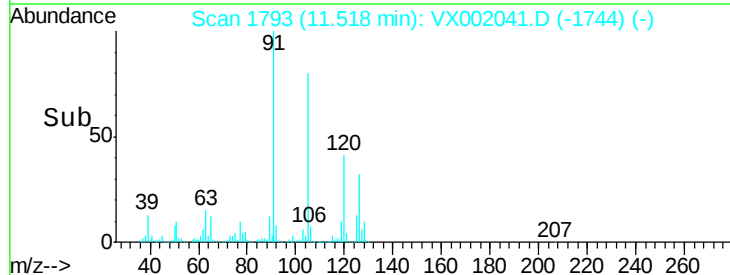
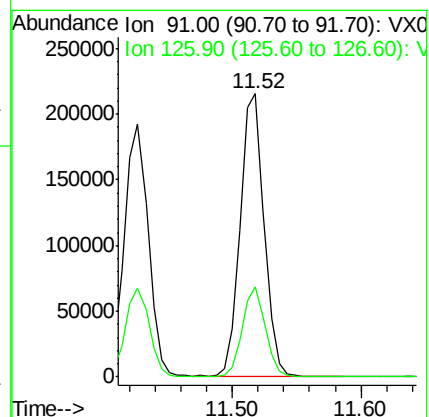
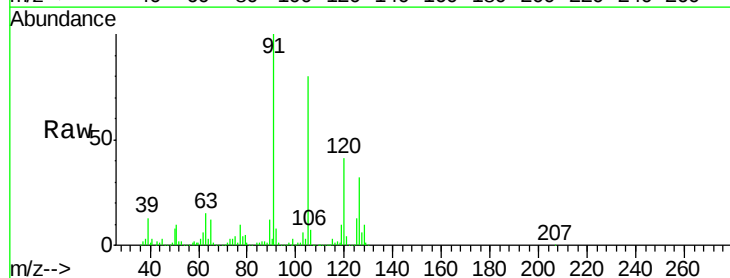
Acq: 27 May 2018 02:05

Tgt Ion: 91 Resp: 278852

Ion	Ratio	Lower	Upper
91	100		
126	30.4	15.3	45.8

91 100

126 30.4 15.3 45.8





#83

tert-Butylbenzene

Concen: 18.97 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX002041.D

Acq: 27 May 2018 02:05

Instrument :

MSVOA_X

ClientSampleId :

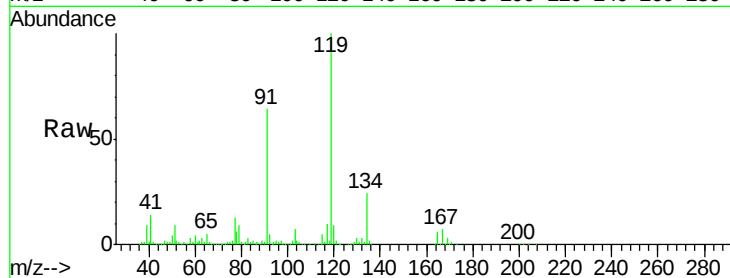
Tot Ion:119 Resp: 298147

Ion Ratio Lower Upper

119 100

91 61.1 30.6 91.8

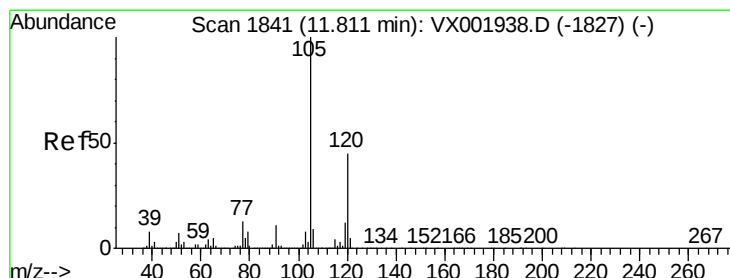
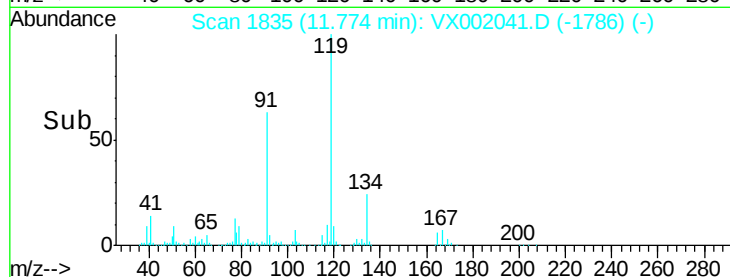
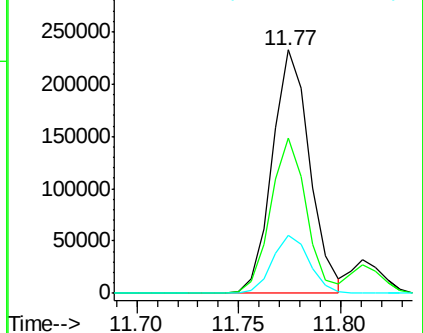
134 23.5 11.7 35.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.00 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX002041.D

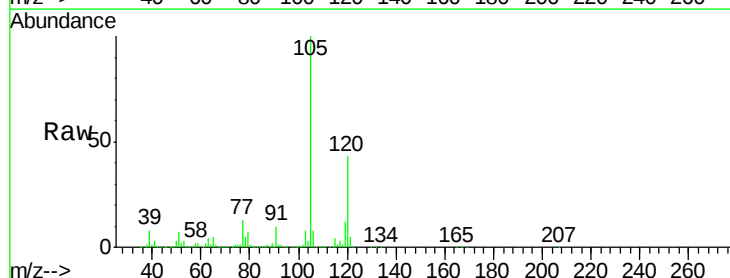
Acq: 27 May 2018 02:05

Tgt Ion:105 Resp: 314486

Ion Ratio Lower Upper

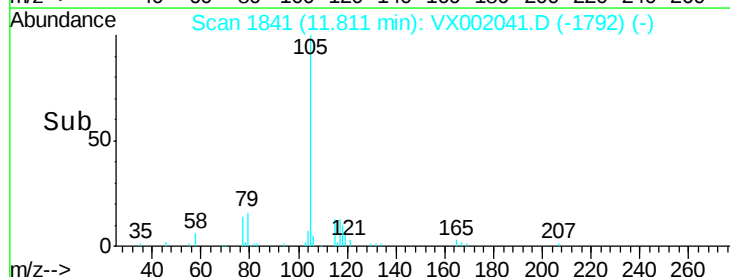
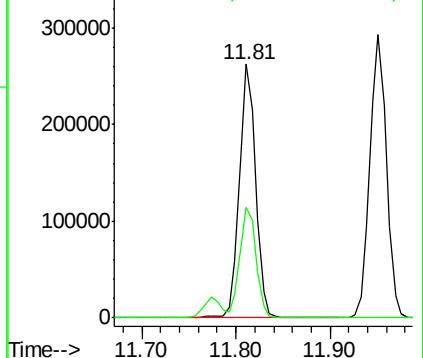
105 100

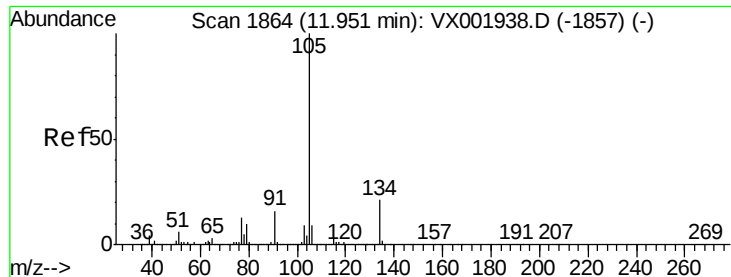
120 43.9 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.98 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002041.D

Acq: 27 May 2018 02:05

Instrument :

MSVOA_X

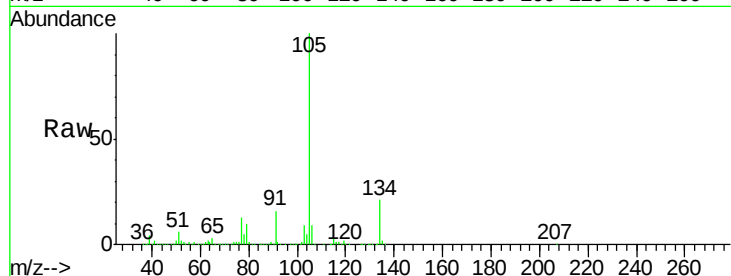
ClientSampleId :

Tot Ion:105 Resp: 358694

Ion Ratio Lower Upper

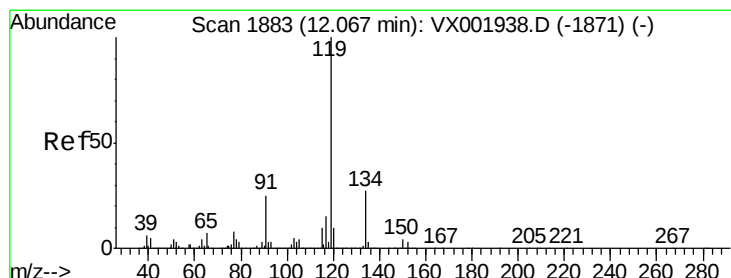
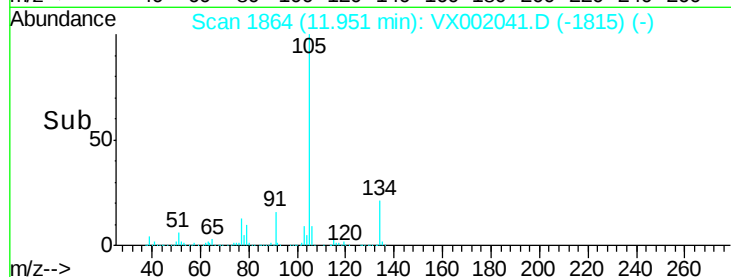
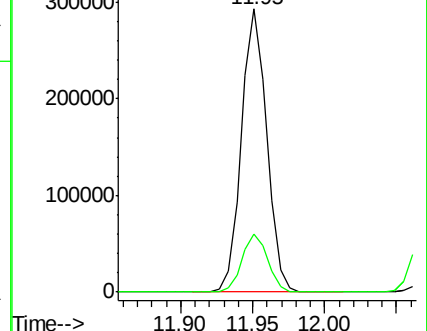
105 100

134 20.7 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.55 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002041.D

Acq: 27 May 2018 02:05

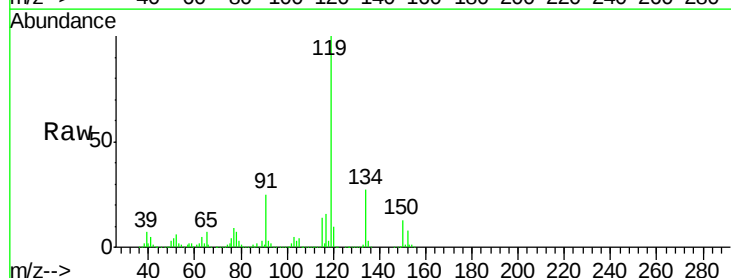
Tgt Ion:119 Resp: 313726

Ion Ratio Lower Upper

119 100

134 26.7 13.6 40.8

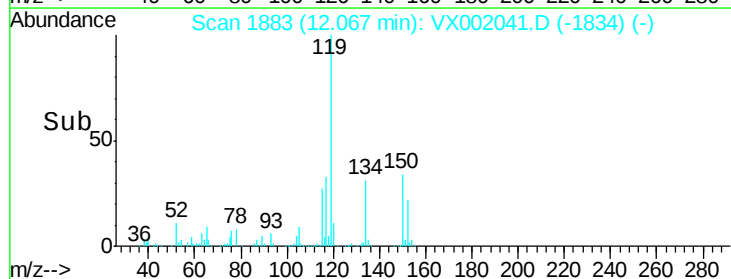
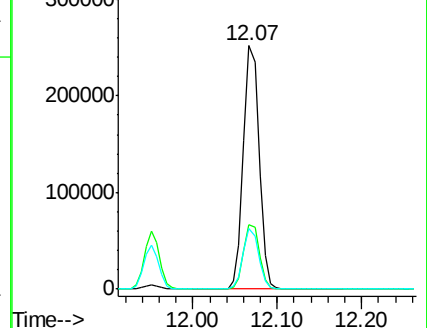
91 24.4 12.2 36.4

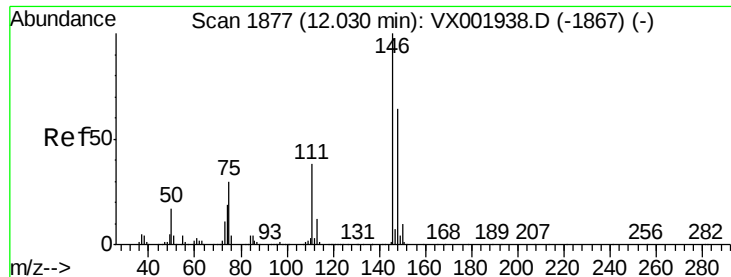


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

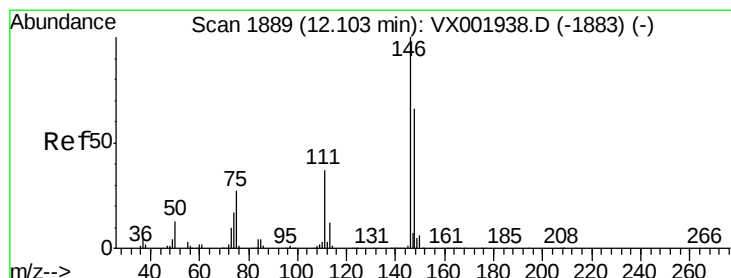
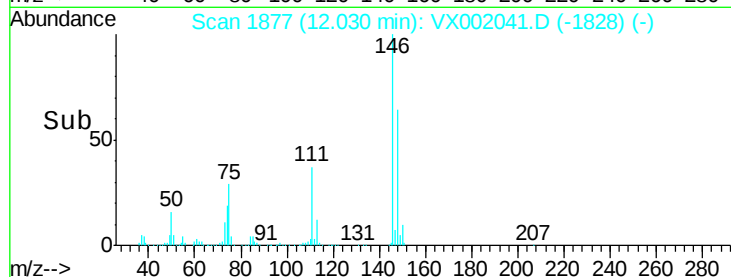
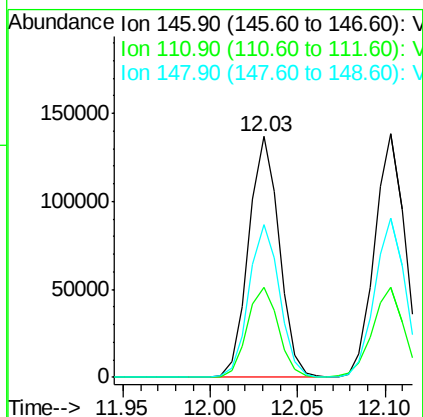
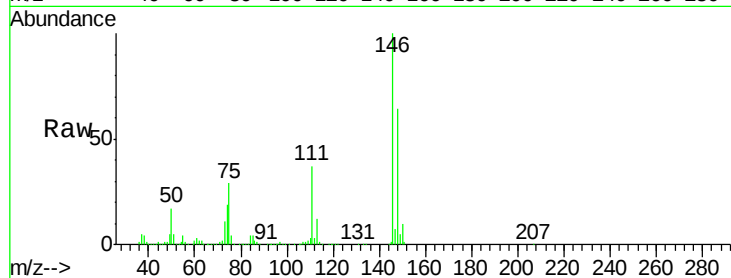




#87
 1,3-Dichlorobenzene
 Concen: 18.81 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX002041.D
 Acq: 27 May 2018 02:05

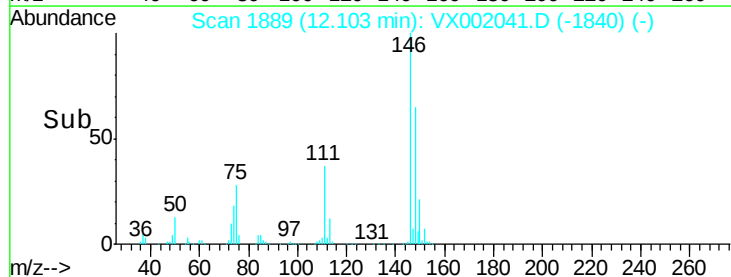
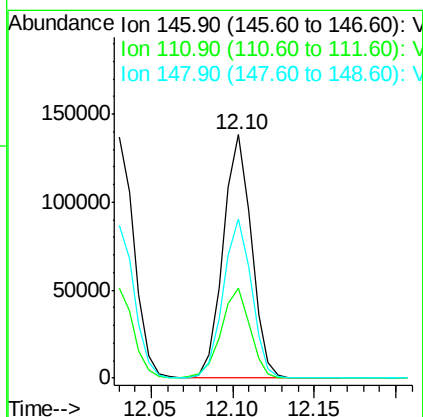
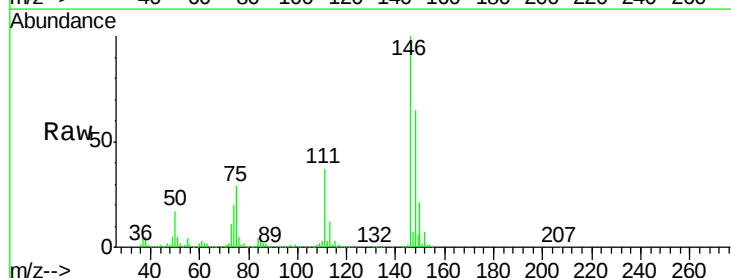
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.3	57.8
148	63.5	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 18.65 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX002041.D
 Acq: 27 May 2018 02:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.9	56.5
148	66.0	32.3	96.8





#89

n-Butylbenzene

Concen: 17.87 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX002041.D

Acq: 27 May 2018 02:05

Instrument :

MSVOA_X

ClientSampleId :

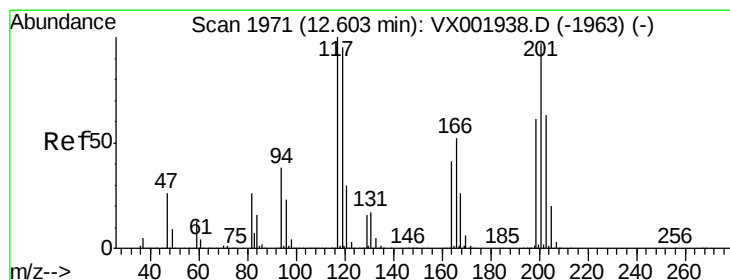
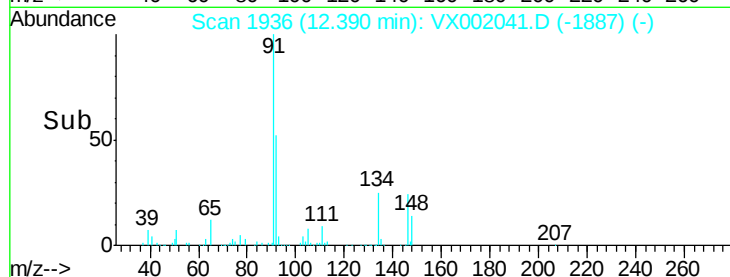
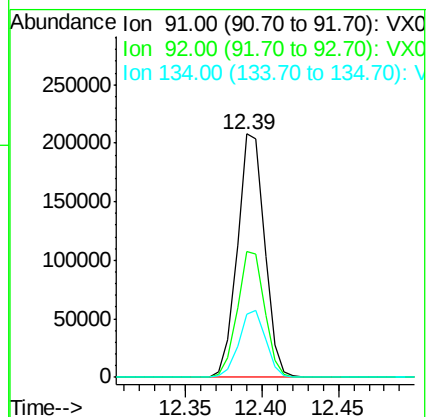
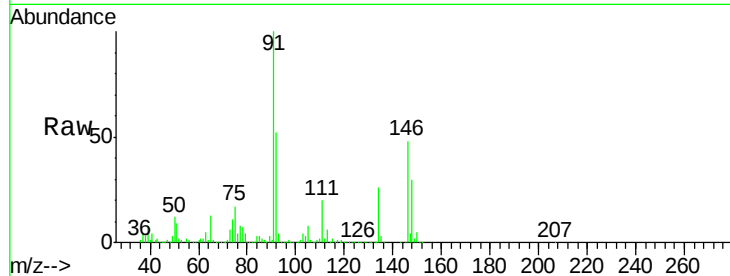
Tot Ion: 91 Resp: 256056

Ion Ratio Lower Upper

91 100

92 52.0 26.3 78.9

134 27.0 13.6 40.7



#90

Hexachloroethane

Concen: 17.09 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX002041.D

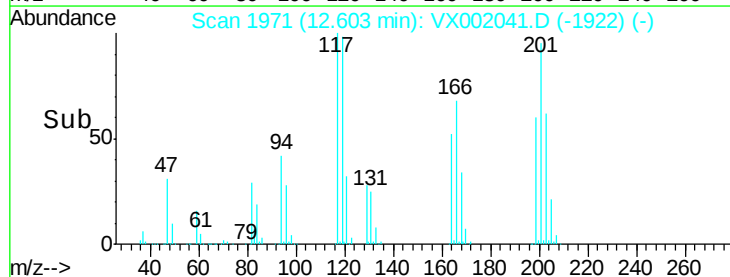
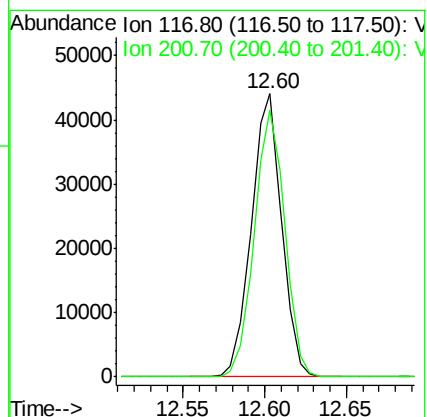
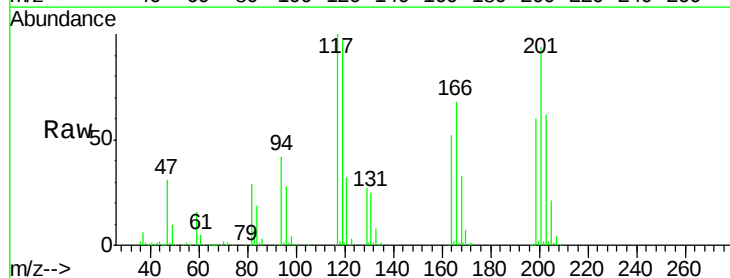
Acq: 27 May 2018 02:05

Tgt Ion: 117 Resp: 57012

Ion Ratio Lower Upper

117 100

201 94.5 48.0 144.0

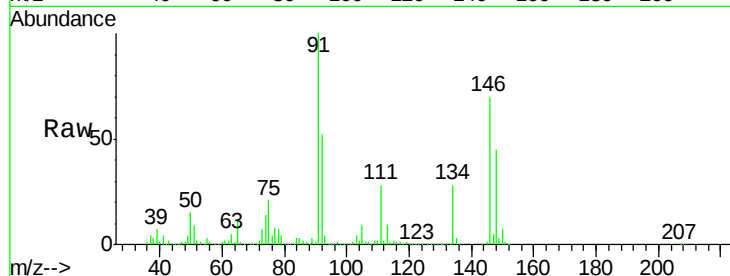




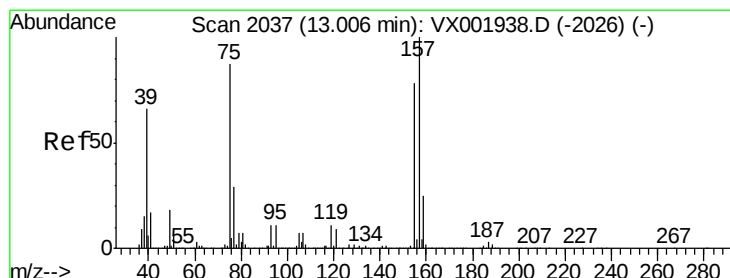
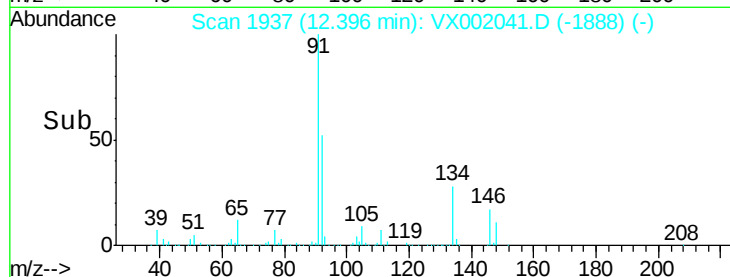
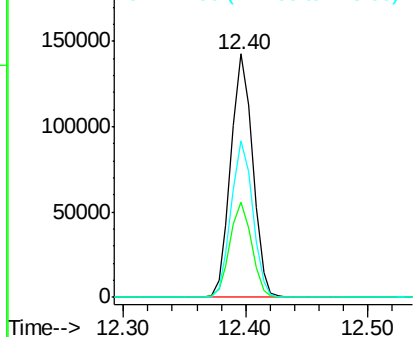
#91
1,2-Dichlorobenzene
Concen: 19.36 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX002041.D
Acq: 27 May 2018 02:05

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.8	59.3
148	63.6	32.1	96.5

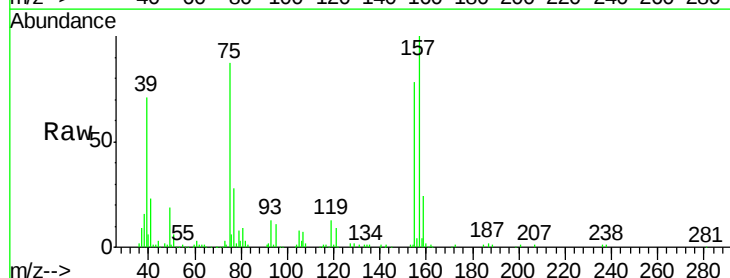


Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

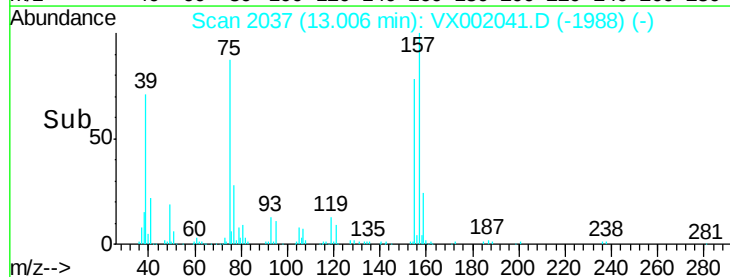
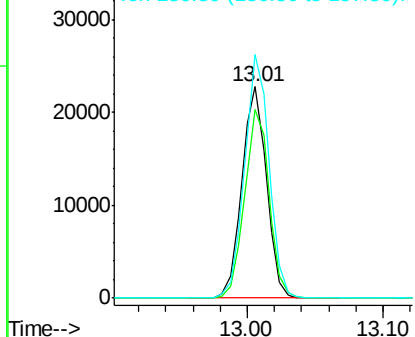


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.22 ug/l
RT: 13.01 min Scan# 2037
Delta R.T. 0.00 min
Lab File: VX002041.D
Acq: 27 May 2018 02:05

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.2	45.1	135.2
157	114.8	58.1	174.2



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

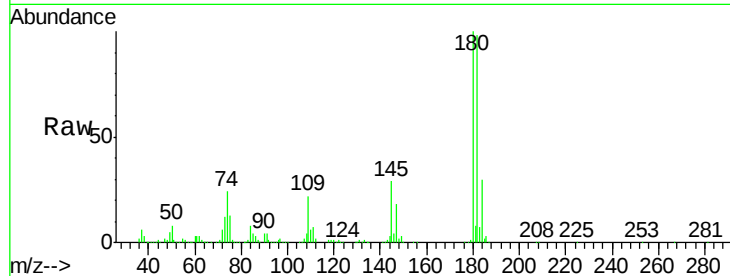




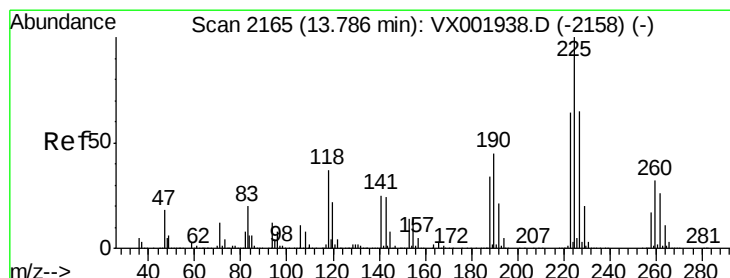
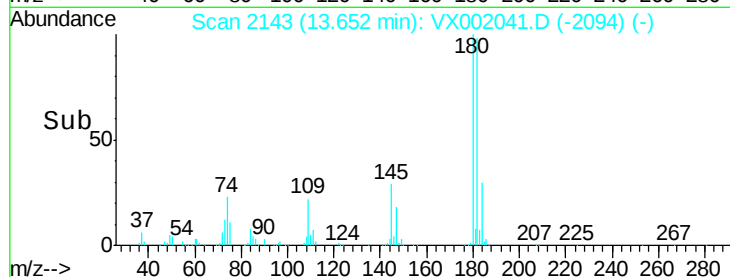
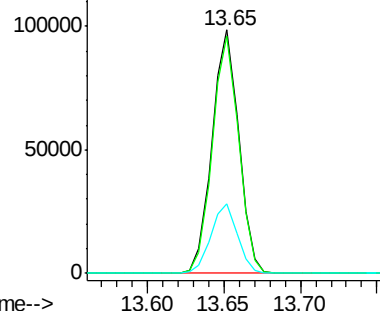
#93
 1,2,4-Trichlorobenzene
 Concen: 18.29 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002041.D
 Acq: 27 May 2018 02:05

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.7	143.1
145	28.8	14.4	43.0

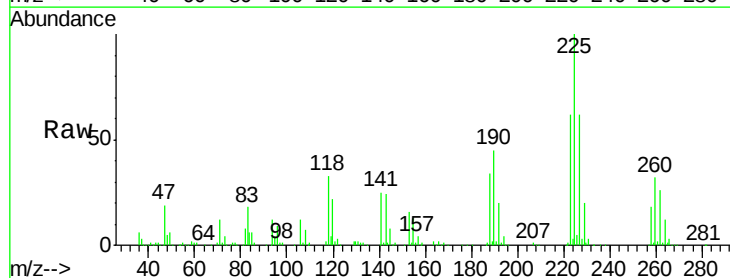


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

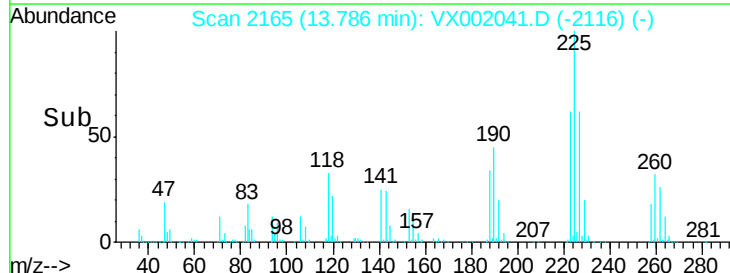
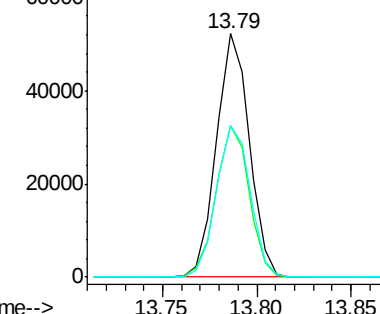


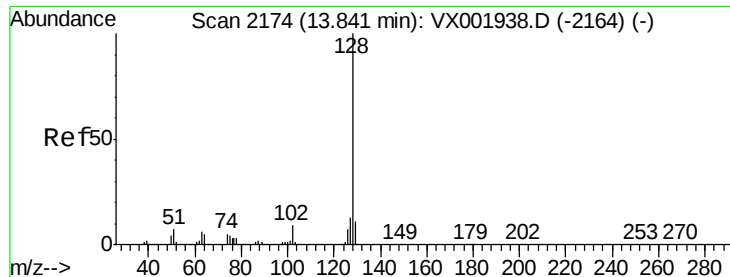
#94
 Hexachlorobutadiene
 Concen: 18.16 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX002041.D
 Acq: 27 May 2018 02:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	31.1	93.5
227	63.7	32.1	96.5



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





#95

Naphthalene

Concen: 19.05 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX002041.D

Acq: 27 May 2018 02:05

Instrument :

MSVOA_X

ClientSampleId :

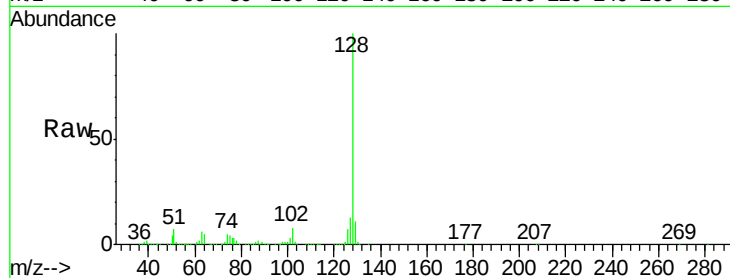
Tot Ion:128 Resp: 380898

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

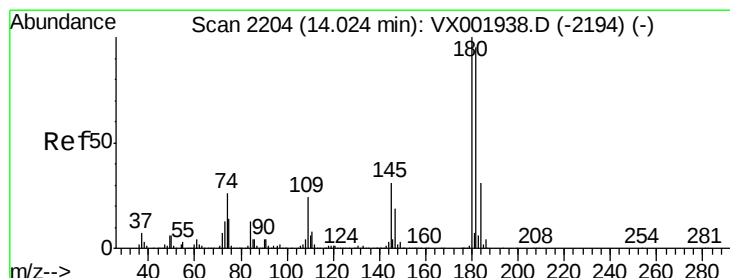
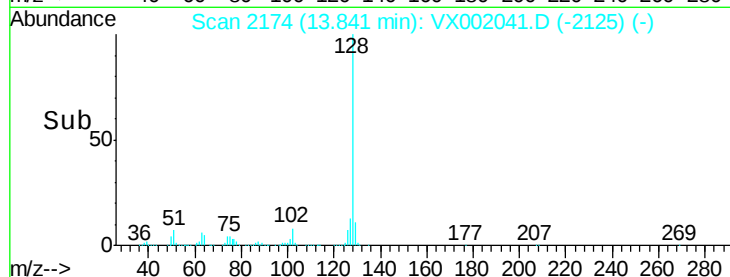
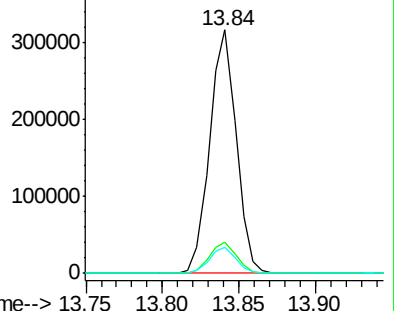
129 10.8 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.77 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX002041.D

Acq: 27 May 2018 02:05

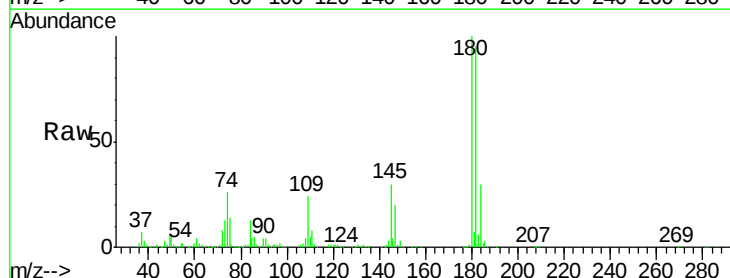
Tgt Ion:180 Resp: 126031

Ion Ratio Lower Upper

180 100

182 96.0 47.9 143.6

145 30.2 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

