

Data Path : \\74.0.250.170\VOASRV\HPCHEM1\MSVOA X\DATA\VX030718\
 Data File : VX000208.D
 Acq On : 07 Mar 2018 13:01
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 08 00:33:27 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 08 00:32:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	139651	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	232727	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	237374	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	135856	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	39780	22.29	ug/l	0.00
Spiked Amount						
			Recovery	=	44.58%	
35) Dibromofluoromethane	5.52	113	30193	20.48	ug/l	0.00
Spiked Amount						
			Recovery	=	40.96%	
50) Toluene-d8	8.73	98	122538	20.73	ug/l	0.00
Spiked Amount						
			Recovery	=	41.46%	
62) 4-Bromofluorobenzene	11.15	95	47537	20.58	ug/l	0.00
Spiked Amount						
			Recovery	=	41.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	28487	19.747	ug/l	99
3) Chloromethane	1.32	50	28387	20.086	ug/l	99
4) Vinyl Chloride	1.41	62	35096	22.117	ug/l	99
5) Bromomethane	1.65	94	30501	19.490	ug/l	97
6) Chloroethane	1.73	64	21790	20.286	ug/l	97
7) Trichlorofluoromethane	1.93	101	56506	19.882	ug/l	98
8) Diethyl Ether	2.20	74	20304	20.685	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	31240	19.739	ug/l	99
10) Methyl Iodide	2.52	142	25367	15.085	ug/l	99
11) Tert butyl alcohol	3.07	59	68935	101.598	ug/l	99
12) 1,1-Dichloroethene	2.38	96	29115	19.800	ug/l	93
13) Acrolein	2.30	56	36257	108.747	ug/l	99
14) Allyl chloride	2.73	41	53070	21.342	ug/l	99
15) Acrylonitrile	3.15	53	122924	105.346	ug/l	99
16) Acetone	2.45	43	135051	115.124	ug/l	99
17) Carbon Disulfide	2.58	76	78344	18.135	ug/l	99
18) Methyl Acetate	2.78	43	56833	20.988	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	103275	20.400	ug/l	99
20) Methylene Chloride	2.87	84	32034	19.552	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	31480	19.683	ug/l	97
22) Diisopropyl ether	3.88	45	92683	21.609	ug/l	100
23) Vinyl Acetate	3.84	43	466881	115.573	ug/l	99
24) 1,1-Dichloroethane	3.71	63	56702	21.496	ug/l	98
25) 2-Butanone	4.72	43	166273	103.663	ug/l	99
26) 2,2-Dichloropropane	4.59	77	39853	18.162	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	29614	19.613	ug/l	99
28) Bromochloromethane	5.03	49	22913	19.809	ug/l	# 12
29) Tetrahydrofuran	5.18	42	104620	100.632	ug/l	100
30) Chloroform	5.23	83	52202	19.403	ug/l	100
31) Cyclohexane	5.59	56	42654	19.362	ug/l	88
32) 1,1,1-Trichloroethane	5.51	97	47239	19.162	ug/l	98
36) 1,1-Dichloropropene	5.81	75	39163	18.713	ug/l	99
37) Ethyl Acetate	4.87	43	55267	19.144	ug/l	99
38) Carbon Tetrachloride	5.79	117	38605	17.268	ug/l	97

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 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	47826	18.931	ug/l	94
40) Benzene	6.15	78	115084	19.213	ug/l	100
41) Methacrylonitrile	5.07	41	28097	18.630	ug/l	97
42) 1,2-Dichloroethane	6.21	62	45818	20.647	ug/l	100
43) Isopropyl Acetate	6.48	43	81975	19.612	ug/l	99
44) Trichloroethene	7.22	130	32519	18.535	ug/l	91
45) 1,2-Dichloropropane	7.52	63	29327	19.888	ug/l	91
46) Dibromomethane	7.67	93	23246	20.191	ug/l	99
47) Bromodichloromethane	7.91	83	41201	19.418	ug/l	96
48) Methyl methacrylate	7.79	41	39399	19.280	ug/l	98
49) 1,4-Dioxane	7.77	88	19130	364.255	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	318887	103.395	ug/l	99
52) Toluene	8.79	92	79190	19.654	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	48954	19.632	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	46899	18.949	ug/l	94
55) 1,1,2-Trichloroethane	9.23	97	32604	19.662	ug/l	99
56) Ethyl methacrylate	9.19	69	49323	19.345	ug/l	95
57) 1,3-Dichloropropane	9.38	76	55236	20.921	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	119299	92.729	ug/l	98
59) 2-Hexanone	9.51	43	272353	104.099	ug/l	99
60) Dibromochloromethane	9.59	129	33551	18.030	ug/l	99
61) 1,2-Dibromoethane	9.68	107	35824	19.423	ug/l	100
64) Tetrachloroethene	9.34	164	32062	18.863	ug/l	95
65) Chlorobenzene	10.15	112	93209	18.685	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	31966	18.486	ug/l	99
67) Ethyl Benzene	10.26	91	162686	19.349	ug/l	100
68) m/p-Xylenes	10.37	106	122977	36.901	ug/l	98
69) o-Xylene	10.71	106	60192	18.796	ug/l	98
70) Styrene	10.72	104	98985	18.847	ug/l	99
71) Bromoform	10.87	173	25888	16.605	ug/l #	99
73) Isopropylbenzene	11.02	105	164069	19.153	ug/l	99
74) N-amyl acetate	6.48	43	81975	19.030	ug/l #	59
75) 1,1,2,2-Tetrachloroethane	11.27	83	58246	19.494	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	70260	25.180	ug/l	81
77) Bromobenzene	11.26	156	40971	17.856	ug/l	97
78) n-propylbenzene	11.37	91	196193	19.417	ug/l	98
79) 2-Chlorotoluene	11.43	91	110131	19.115	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	137633	19.032	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.09	75	16927	17.503	ug/l	95
82) 4-Chlorotoluene	11.52	91	134631	19.183	ug/l	99
83) tert-Butylbenzene	11.78	119	133618	18.283	ug/l	97
84) 1,2,4-Trimethylbenzene	11.82	105	145377	19.325	ug/l	98
85) sec-Butylbenzene	11.96	105	173683	19.097	ug/l	99
86) p-Isopropyltoluene	12.07	119	152269	18.795	ug/l	98
87) 1,3-Dichlorobenzene	12.04	146	80114	18.046	ug/l	97
88) 1,4-Dichlorobenzene	12.11	146	81860	17.846	ug/l	99
89) n-Butylbenzene	12.40	91	148304	19.294	ug/l	99
90) Hexachloroethane	12.60	117	24106	18.412	ug/l	93
91) 1,2-Dichlorobenzene	12.40	146	78967	18.051	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16514	19.954	ug/l	93

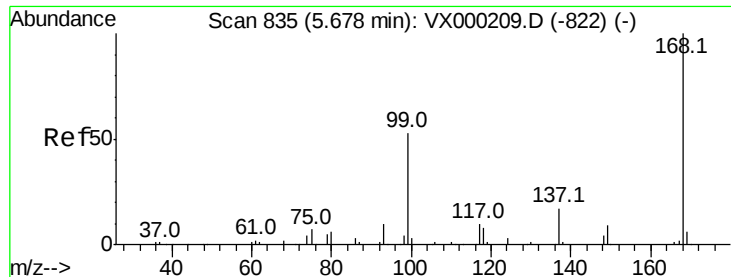
Data Path : \\74.0.250.170\VOASRV\HPCHEM1\MSVOA X\DATA\VX030718\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	57198	17.627	ug/l	99
94) Hexachlorobutadiene	13.79	225	23278	16.656	ug/l	98
95) Naphthalene	13.84	128	206554	18.643	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	56766	17.743	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

Instrument :

MSVOA_X

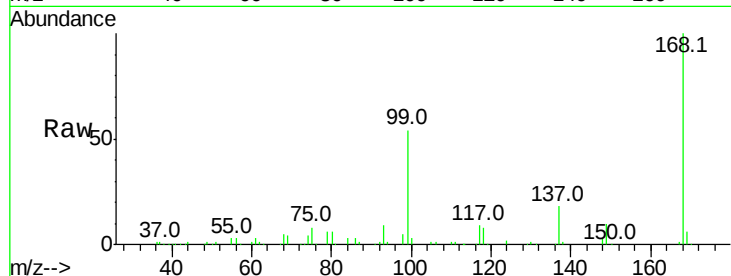
ClientSampled :

Tot Ion:168 Resp: 139651

Ion Ratio Lower Upper

168 100

99 53.5 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

60000

50000

40000

30000

20000

10000

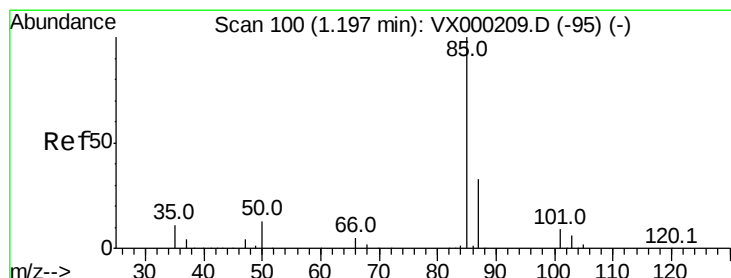
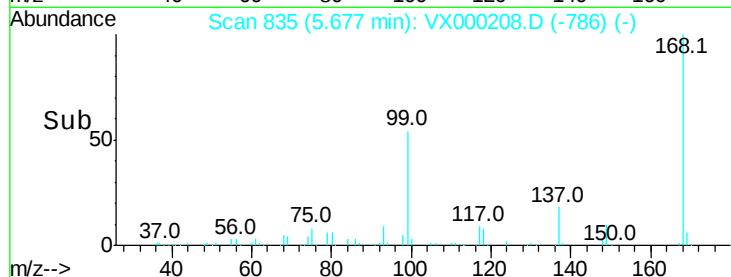
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Time-->

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 19.747 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000208.D

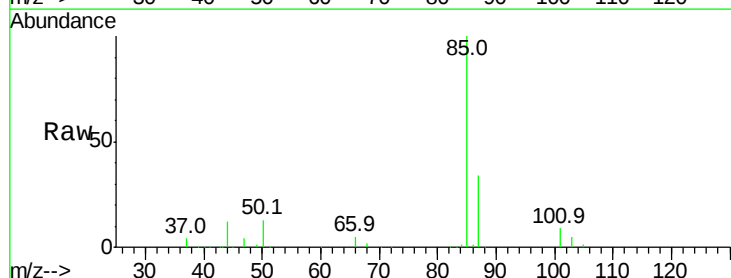
Acq: 07 Mar 2018 13:01

Tgt Ion: 85 Resp: 28487

Ion Ratio Lower Upper

85 100

87 33.6 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

30000

20000

10000

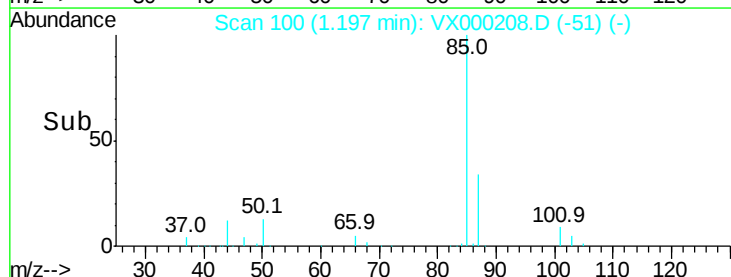
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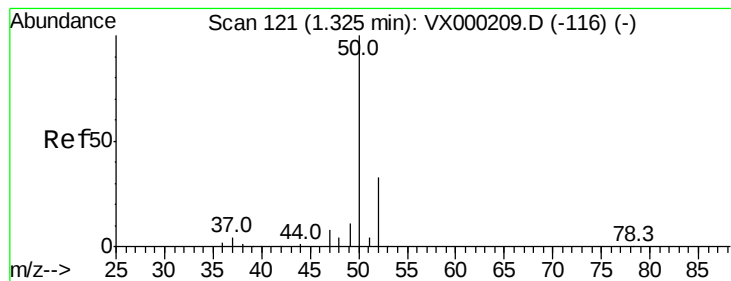
Time-->

1.15

1.20

1.25





#3

Chloromethane

Concen: 20.086 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

Instrument :

MSVOA_X

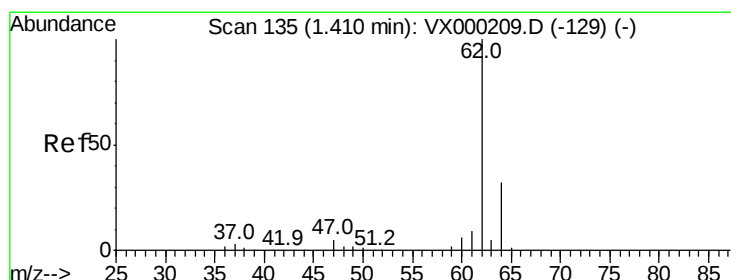
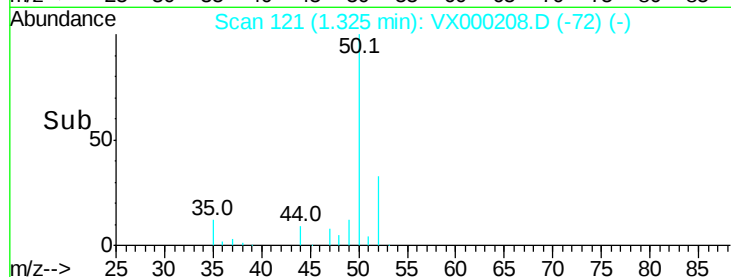
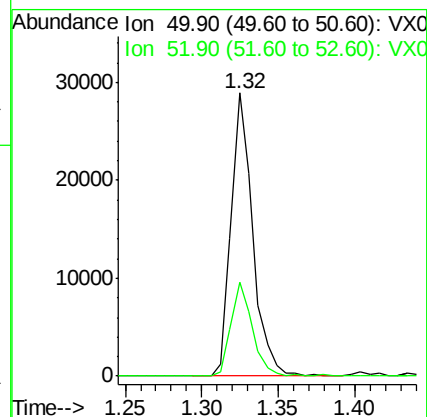
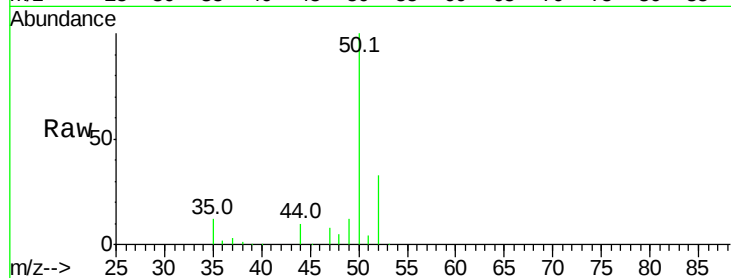
ClientSampleId :

Tot Ion: 50 Resp: 28387

Ion Ratio Lower Upper

50 100

52 33.1 26.2 39.2



#4

Vinyl Chloride

Concen: 22.117 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000208.D

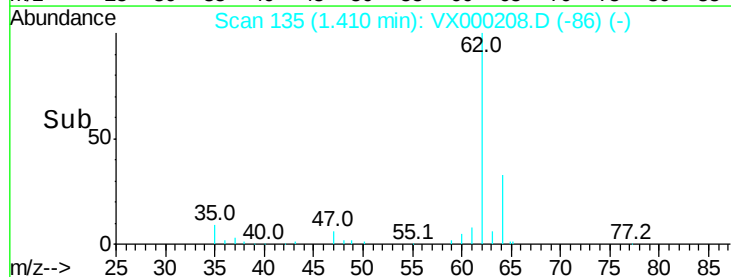
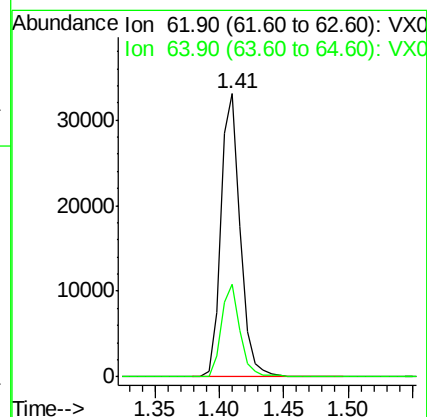
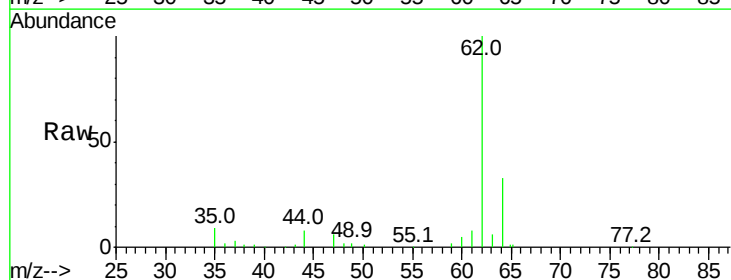
Acq: 07 Mar 2018 13:01

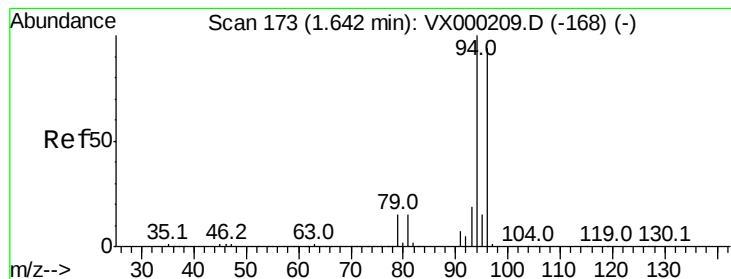
Tgt Ion: 62 Resp: 35096

Ion Ratio Lower Upper

62 100

64 32.6 25.7 38.5





#5

Bromomethane

Concen: 19.490 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

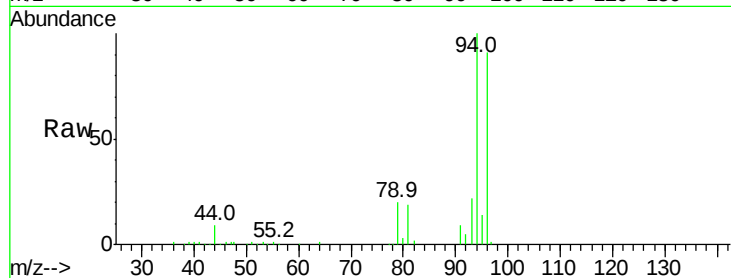
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 94 Resp: 30501

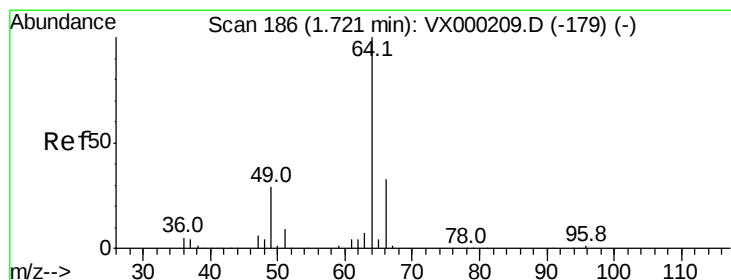
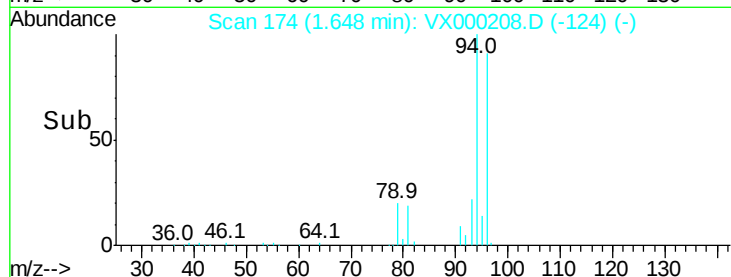
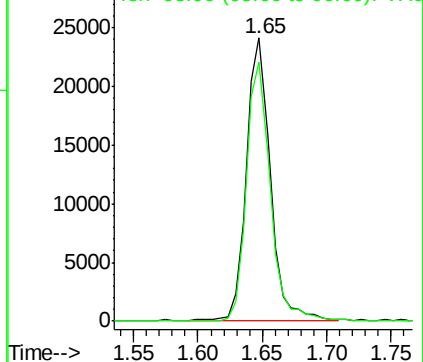
Ion Ratio Lower Upper

94 100

96 91.6 75.3 112.9



Abundance Ion 93.90 (93.60 to 94.60): VX0
Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.286 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000208.D

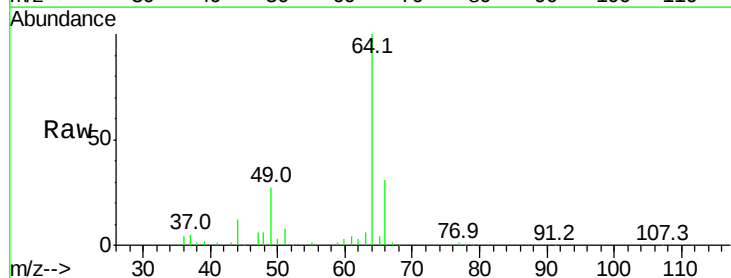
Acq: 07 Mar 2018 13:01

Tgt Ion: 64 Resp: 21790

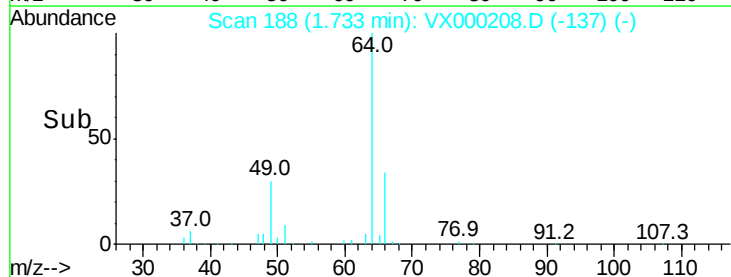
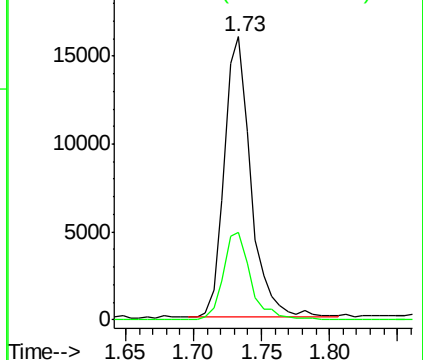
Ion Ratio Lower Upper

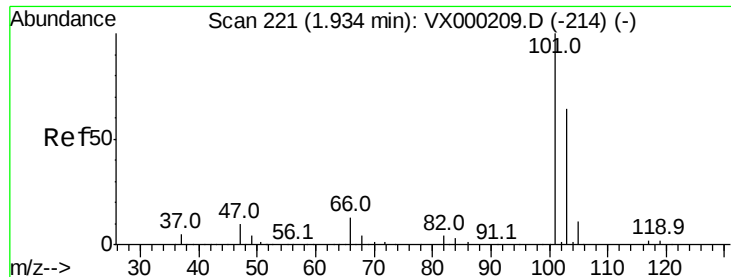
64 100

66 31.1 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VX0
Ion 65.90 (65.60 to 66.60): VX0



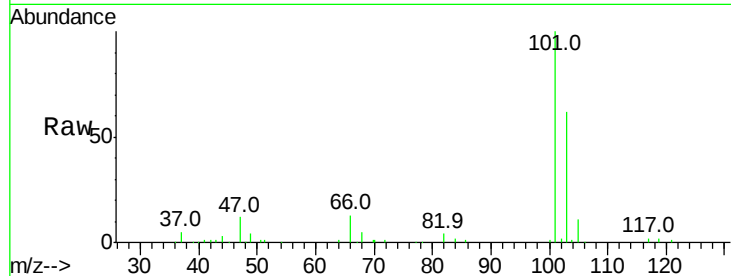


#7

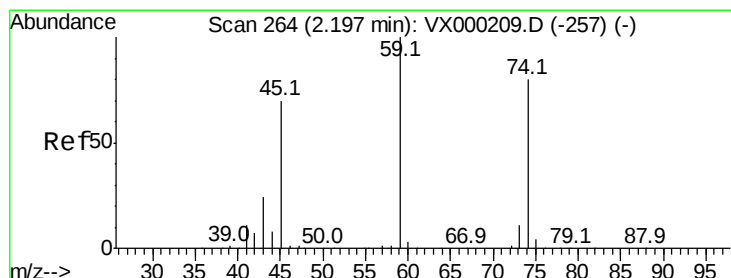
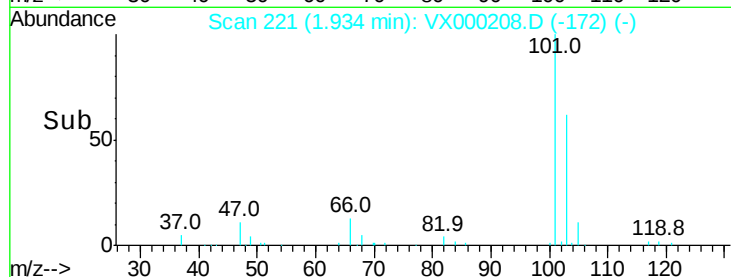
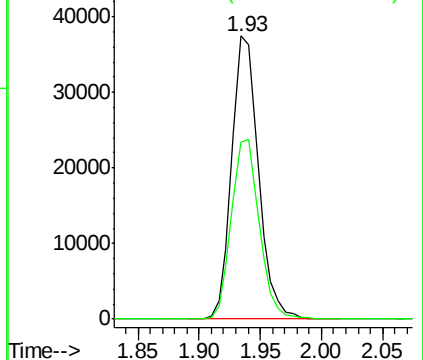
Trichlorofluoromethane
Concen: 19.882 ug/l
RT: 1.93 min Scan# 221
Delta R.T. -0.00 min
Lab File: VX000208.D
Acq: 07 Mar 2018 13:01

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:101 Resp: 56506
Ion Ratio Lower Upper
101 100
103 62.4 51.2 76.8



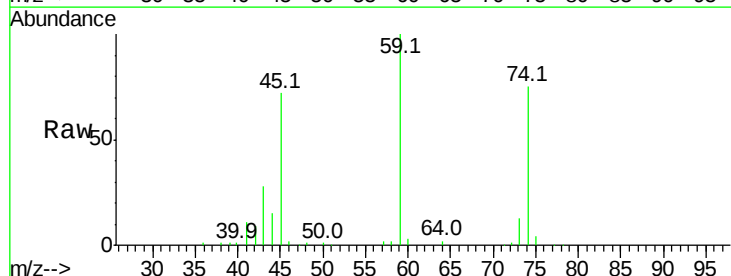
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



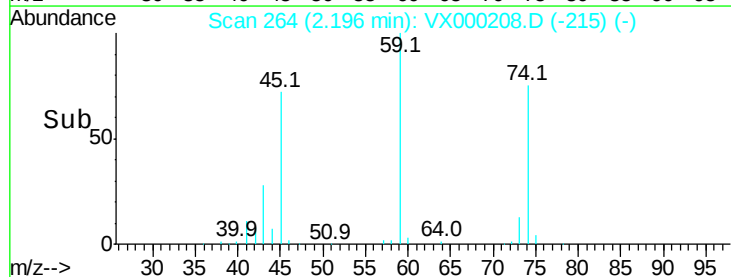
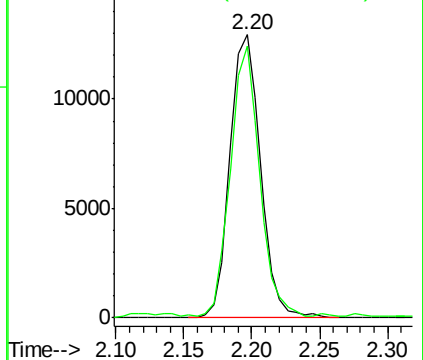
#8

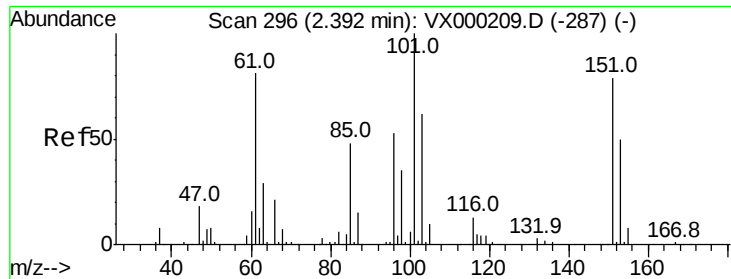
Diethyl Ether
Concen: 20.685 ug/l
RT: 2.20 min Scan# 264
Delta R.T. -0.00 min
Lab File: VX000208.D
Acq: 07 Mar 2018 13:01

Tgt Ion: 74 Resp: 20304
Ion Ratio Lower Upper
74 100
45 90.7 47.2 141.6



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.739 ug/l

RT: 2.39 min Scan# 296

Delta R.T. -0.00 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

Instrument :

MSVOA_X

ClientSampled :

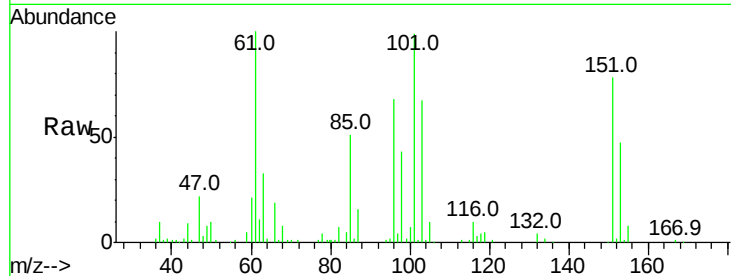
Tot Ion:101 Resp: 31240

Ion Ratio Lower Upper

101 100

85 48.5 38.3 57.5

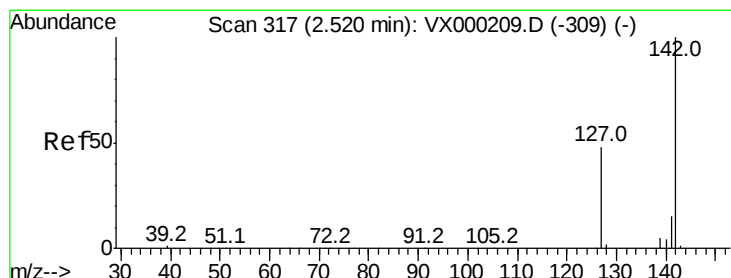
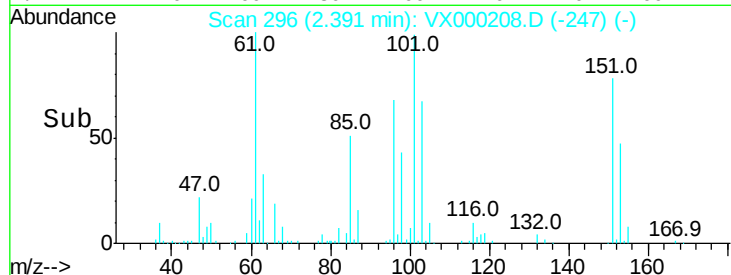
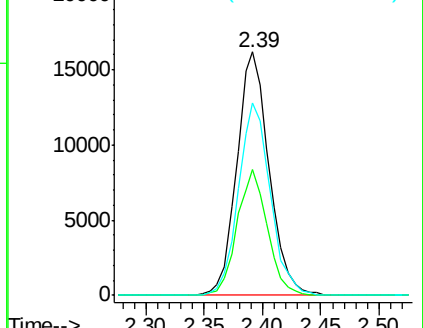
151 77.9 62.8 94.2



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: 15.085 ug/l

RT: 2.52 min Scan# 317

Delta R.T. -0.00 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

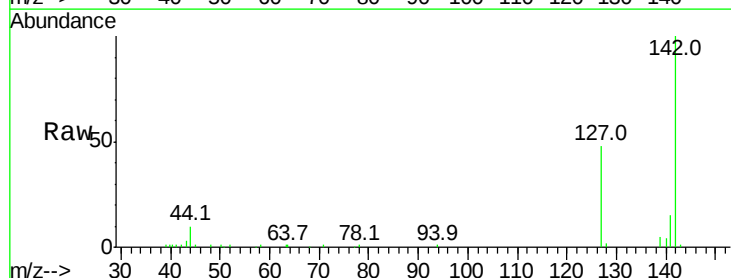
Tgt Ion:142 Resp: 25367

Ion Ratio Lower Upper

142 100

127 47.8 39.0 58.6

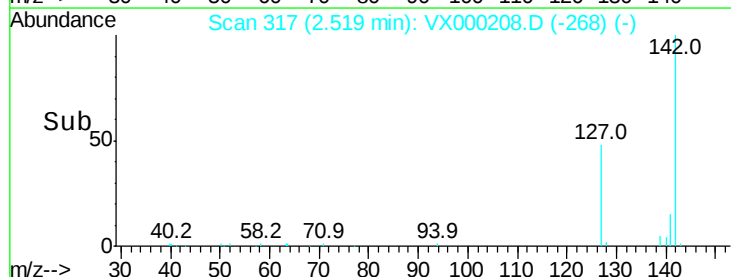
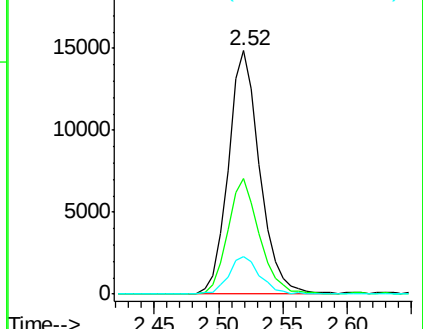
141 15.1 11.6 17.4

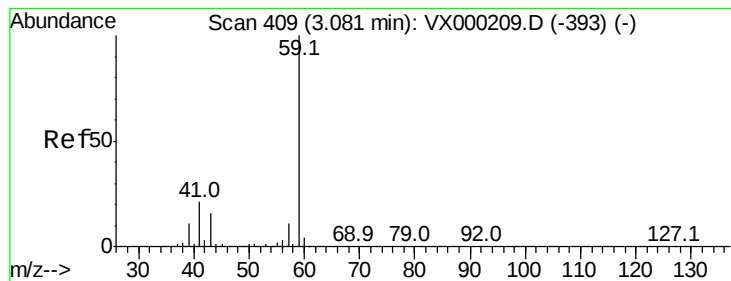


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



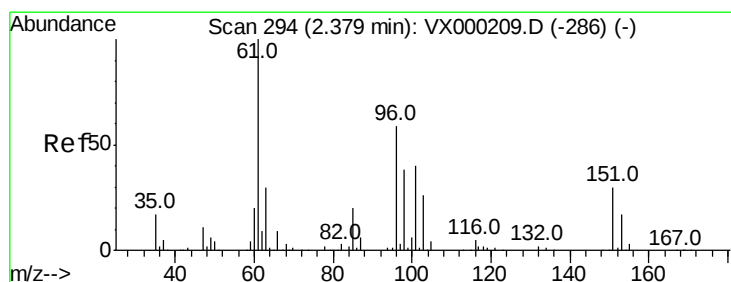
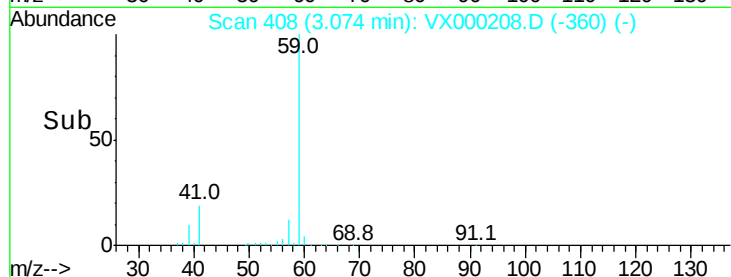
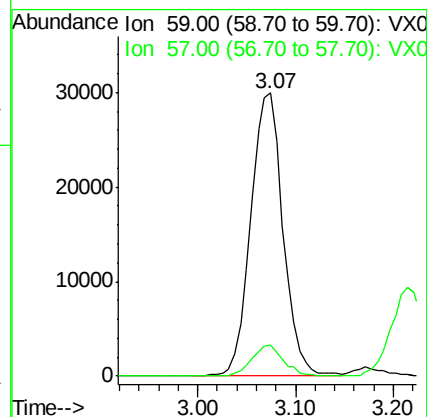
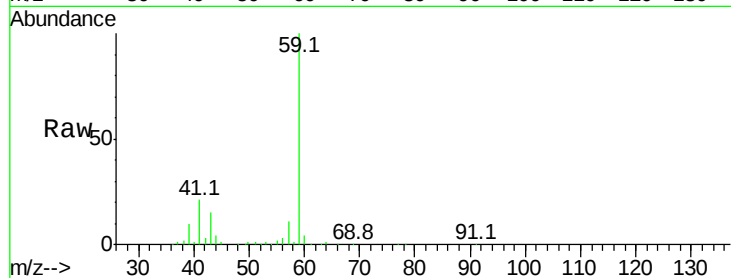


#11

Tert butyl alcohol
Concen: 101.598 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX000208.D
Acq: 07 Mar 2018 13:01

Instrument :
MSVOA_X
ClientSampleId :

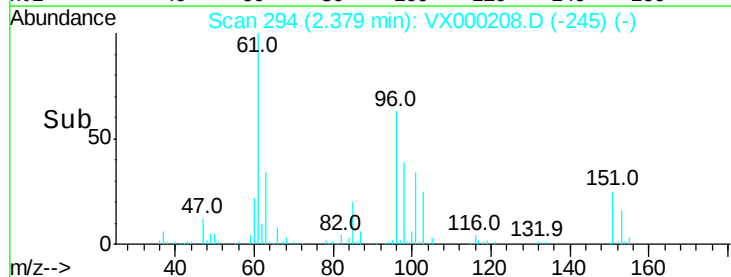
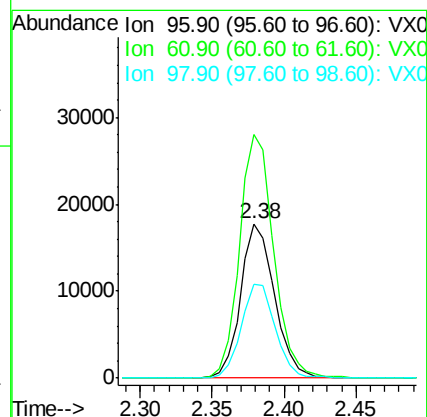
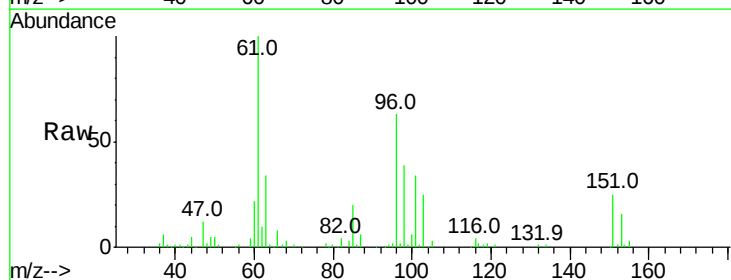
Tot Ion: 59 Resp: 68935
Ion Ratio Lower Upper
59 100
57 10.8 8.4 12.6

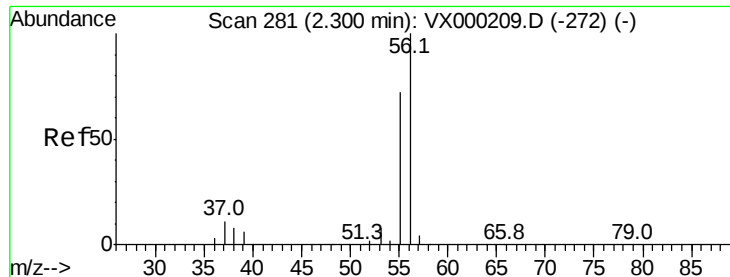


#12

1,1-Dichloroethene
Concen: 19.800 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000208.D
Acq: 07 Mar 2018 13:01

Tgt Ion: 96 Resp: 29115
Ion Ratio Lower Upper
96 100
61 157.7 135.8 203.6
98 61.2 51.1 76.7





#13

Acrolein

Concen: 108.747 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

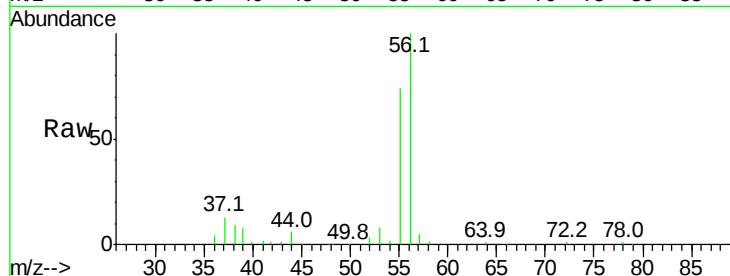
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 36257

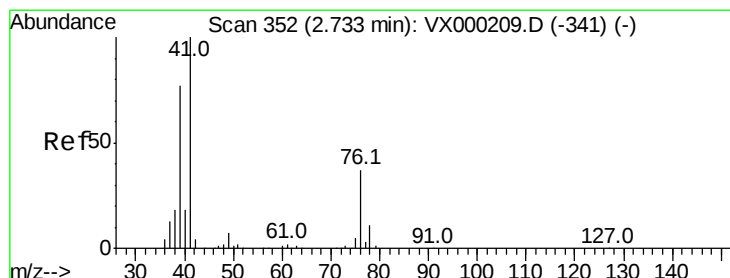
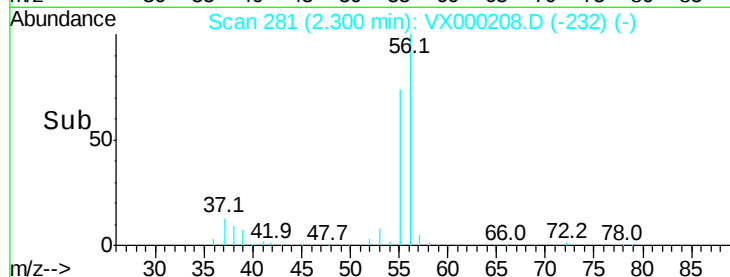
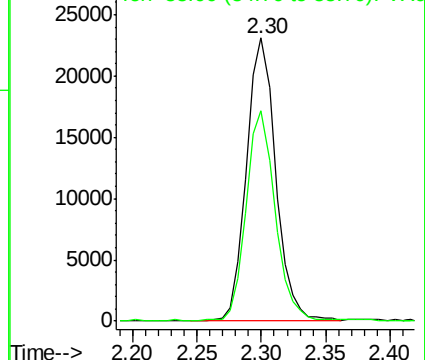
Ion Ratio Lower Upper

56 100

55 75.1 59.2 88.8



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 21.342 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

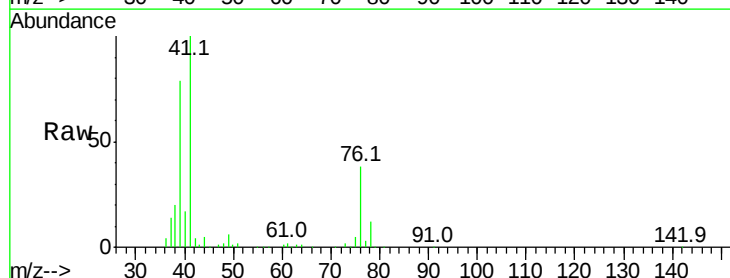
Tgt Ion: 41 Resp: 53070

Ion Ratio Lower Upper

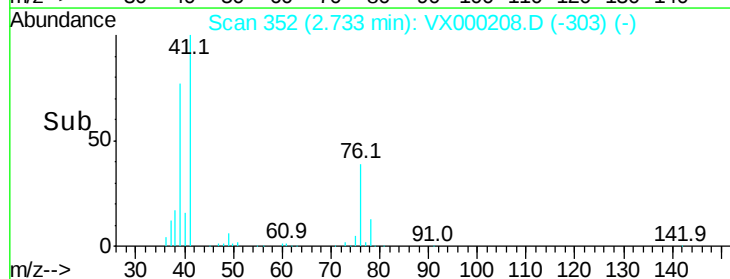
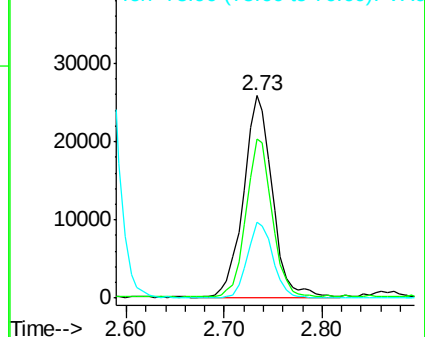
41 100

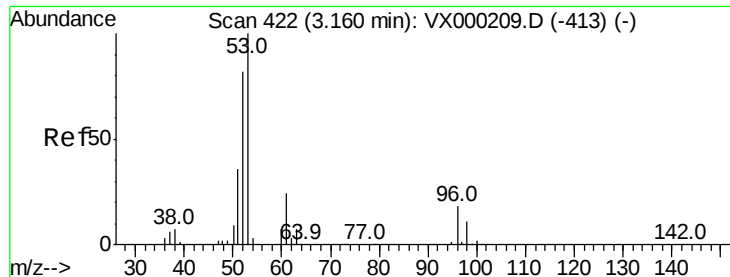
39 70.2 57.0 85.6

76 33.0 26.8 40.2



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 105.346 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

Instrument :

MSVOA_X

ClientSampleId :

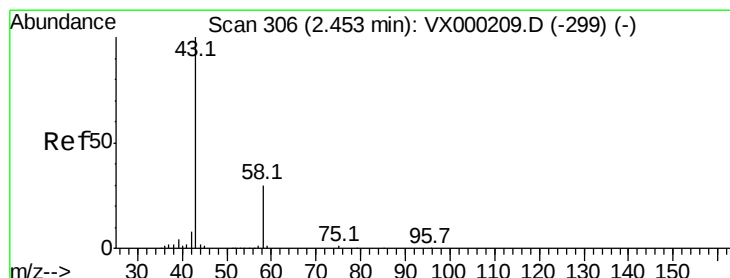
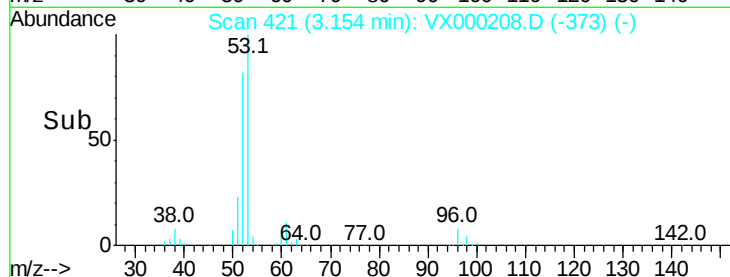
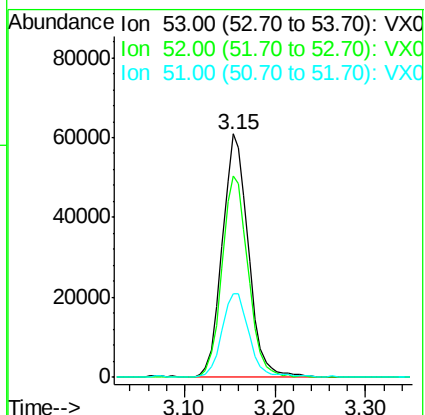
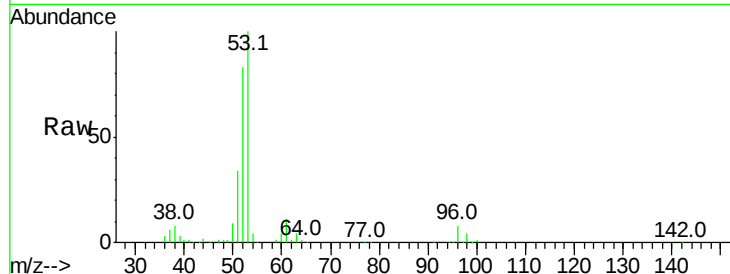
Tot Ion: 53 Resp: 122924

Ion Ratio Lower Upper

53 100

52 83.1 66.3 99.5

51 36.0 29.6 44.4



#16

Acetone

Concen: 115.124 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000208.D

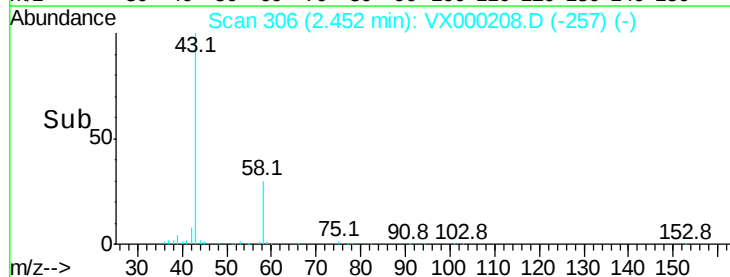
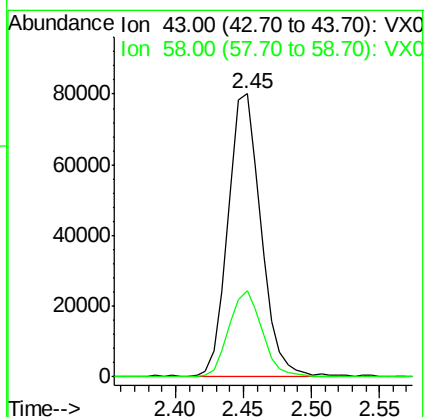
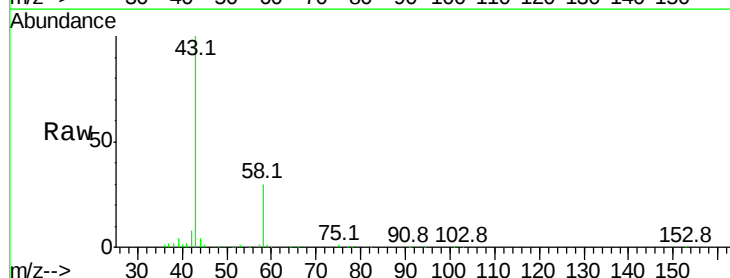
Acq: 07 Mar 2018 13:01

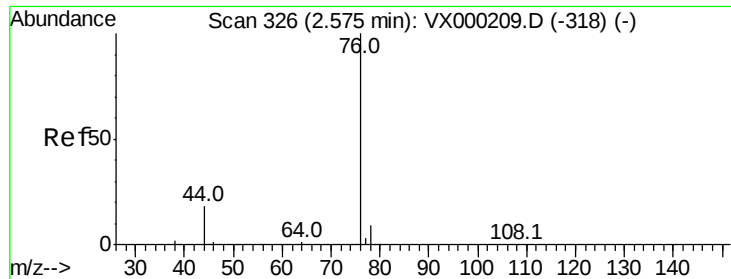
Tgt Ion: 43 Resp: 135051

Ion Ratio Lower Upper

43 100

58 30.5 23.8 35.6

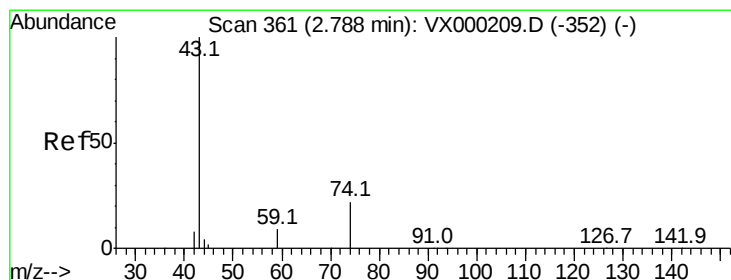
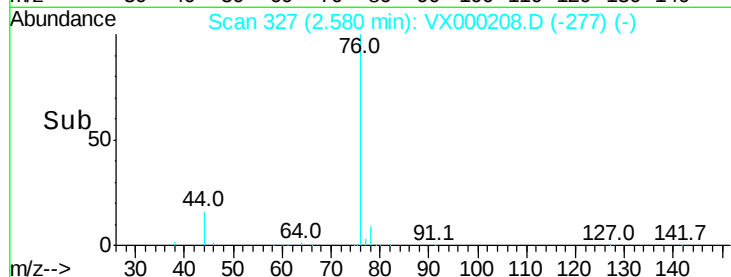
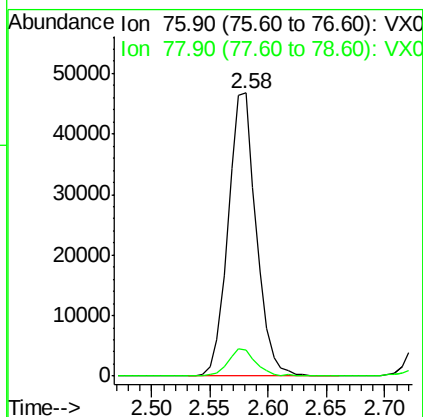
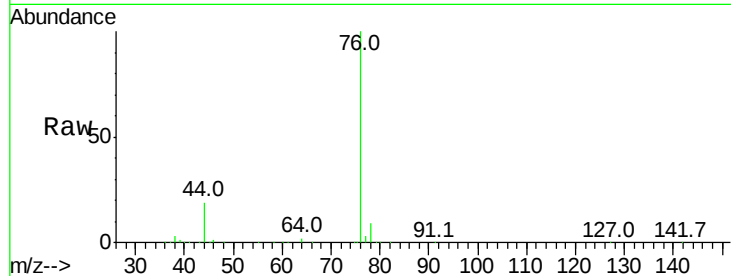




#17
Carbon Disulfide
Concen: 18.135 ug/l
RT: 2.58 min Scan# 327
Delta R.T. 0.01 min
Lab File: VX000208.D
Acq: 07 Mar 2018 13:01

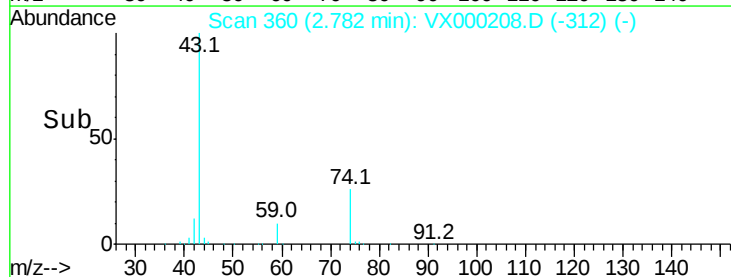
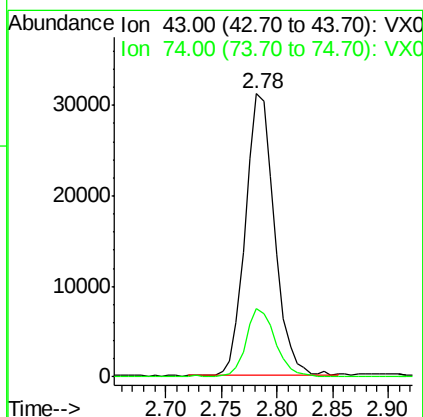
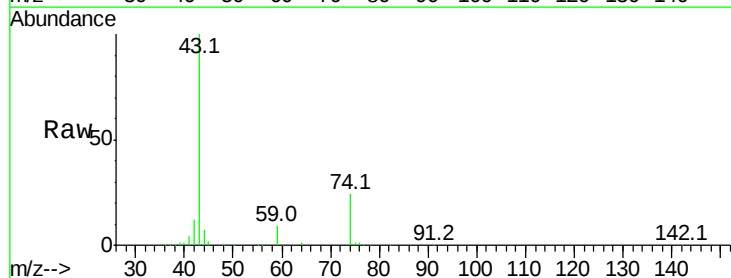
Instrument :
MSVOA_X
ClientSampleId :

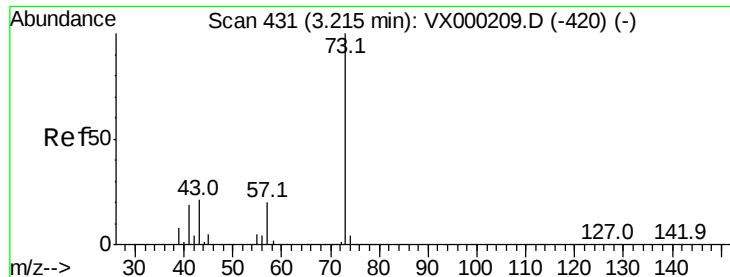
Tot Ion: 76 Resp: 78344
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6



#18
Methyl Acetate
Concen: 20.988 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX000208.D
Acq: 07 Mar 2018 13:01

Tgt Ion: 43 Resp: 56833
Ion Ratio Lower Upper
43 100
74 24.3 18.9 28.3



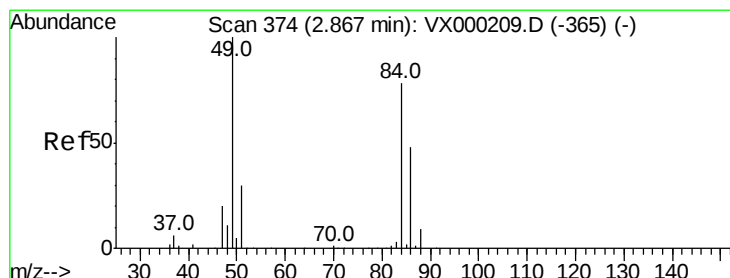
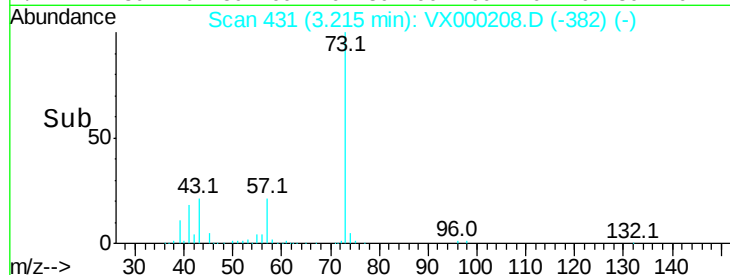
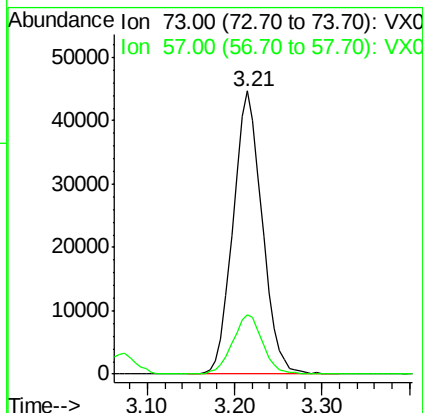
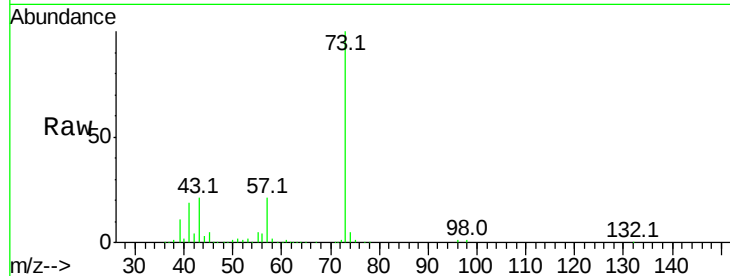


#19

Methyl tert-butyl Ether
 Concen: 20.400 ug/l
 RT: 3.21 min Scan# 431
 Delta R.T. -0.00 min
 Lab File: VX000208.D
 Acq: 07 Mar 2018 13:01

Instrument :
 MSVOA_X
 ClientSampleId :

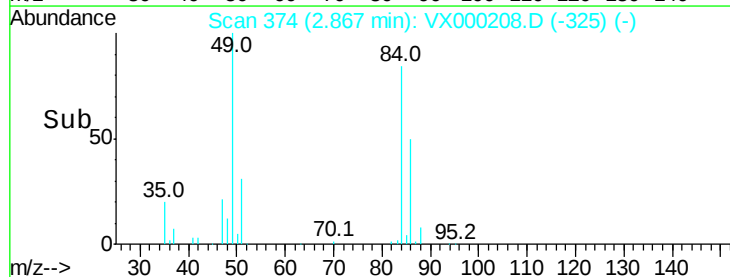
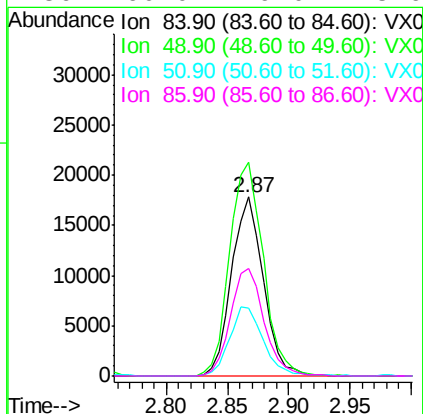
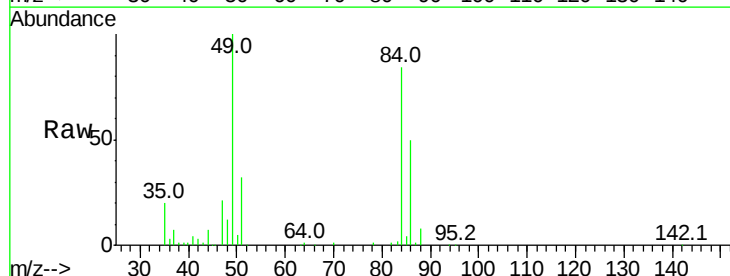
Tot Ion: 73 Resp: 103275
 Ion Ratio Lower Upper
 73 100
 57 20.9 16.3 24.5

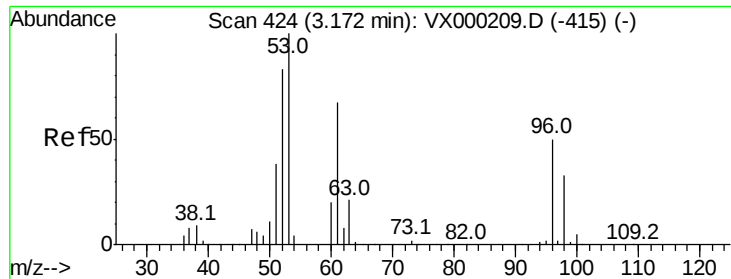


#20

Methylene Chloride
 Concen: 19.552 ug/l
 RT: 2.87 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: VX000208.D
 Acq: 07 Mar 2018 13:01

Tgt Ion: 84 Resp: 32034
 Ion Ratio Lower Upper
 84 100
 49 119.6 102.1 153.1
 51 37.7 30.6 45.8
 86 60.0 49.0 73.6





#21

trans-1,2-Dichloroethene

Concen: 19.683 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

Instrument :

MSVOA_X

ClientSampled :

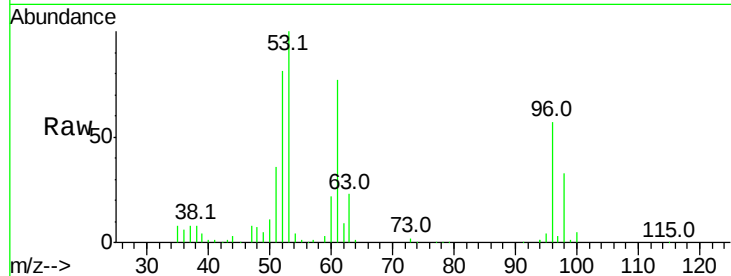
Tot Ion: 96 Resp: 31480

Ion Ratio Lower Upper

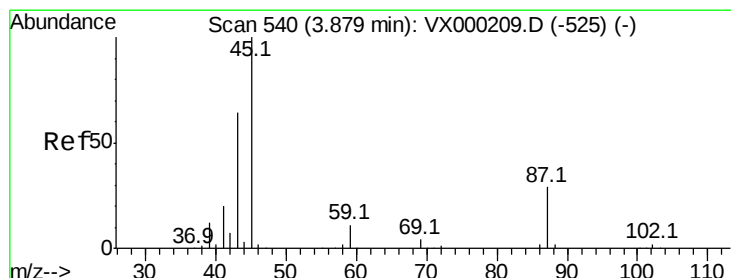
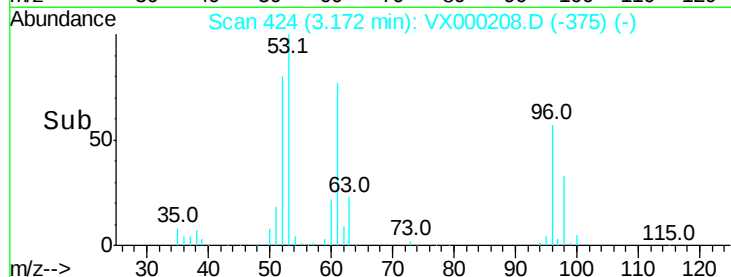
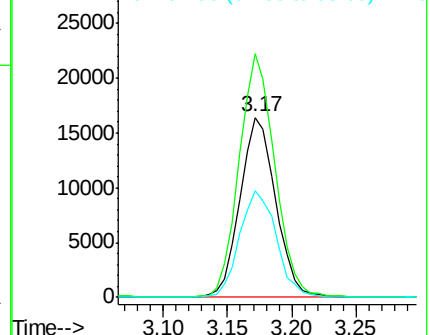
96 100

61 135.4 107.0 160.4

98 59.0 51.8 77.8



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: 21.609 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

Tgt Ion: 45 Resp: 92683

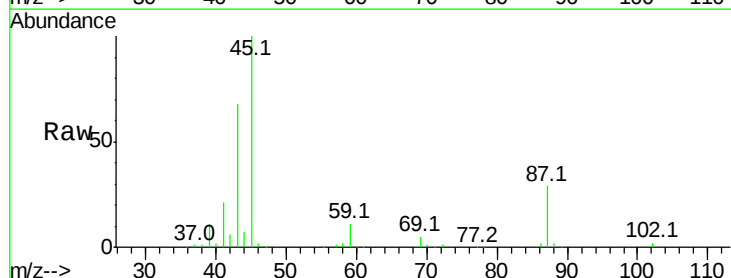
Ion Ratio Lower Upper

45 100

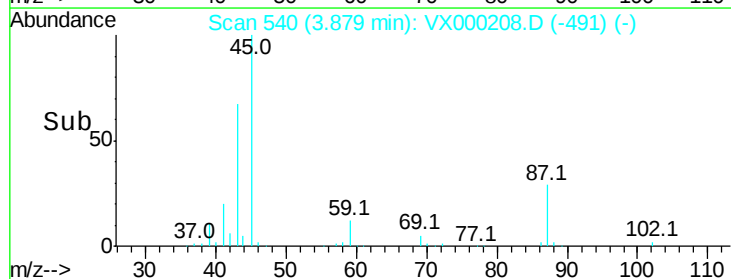
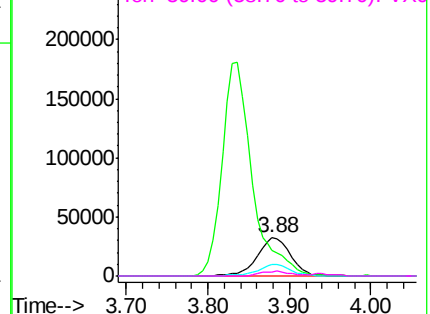
43 66.5 53.5 80.3

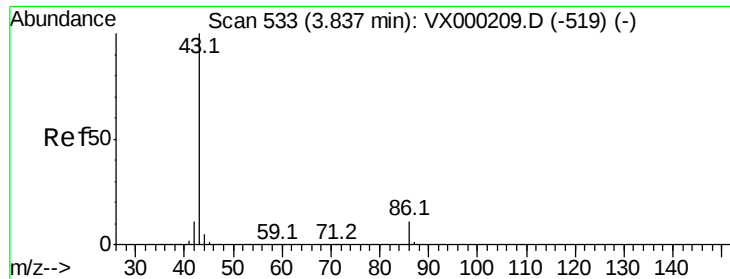
87 28.9 23.3 34.9

59 11.5 9.0 13.6



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: 115.573 ug/l

RT: 3.84 min Scan# 533

Delta R.T. -0.00 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

Instrument :

MSVOA_X

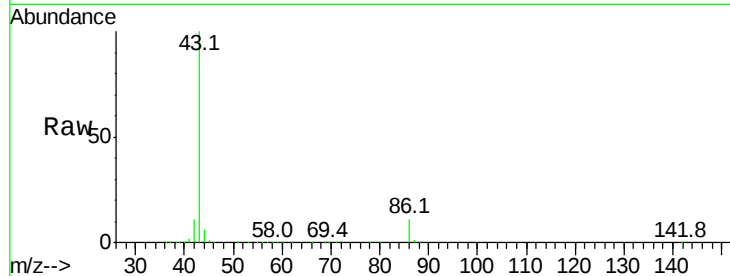
ClientSampleId :

Tot Ion: 43 Resp: 466881

Ion Ratio Lower Upper

43 100

86 10.9 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.84

200000

150000

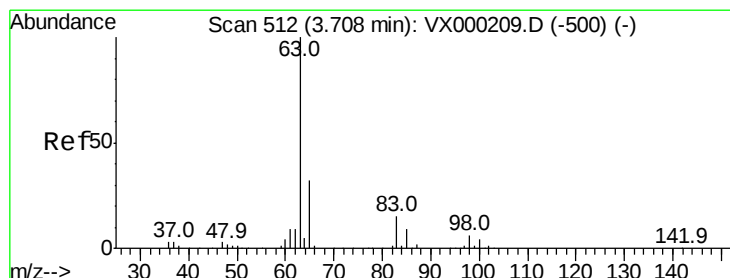
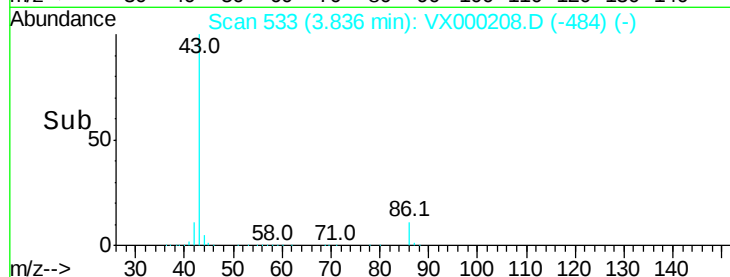
100000

50000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 21.496 ug/l

RT: 3.71 min Scan# 512

Delta R.T. -0.00 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

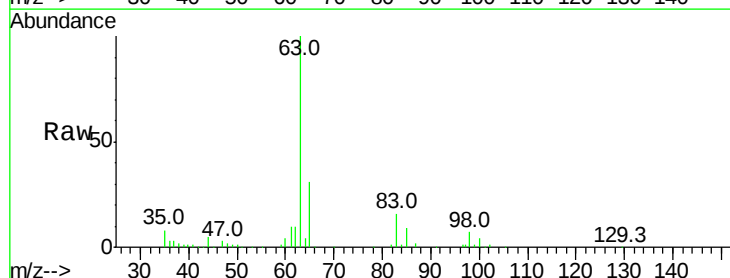
Tgt Ion: 63 Resp: 56702

Ion Ratio Lower Upper

63 100

98 7.5 3.1 9.4

100 4.2 2.2 6.6



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

3.71

30000

25000

20000

15000

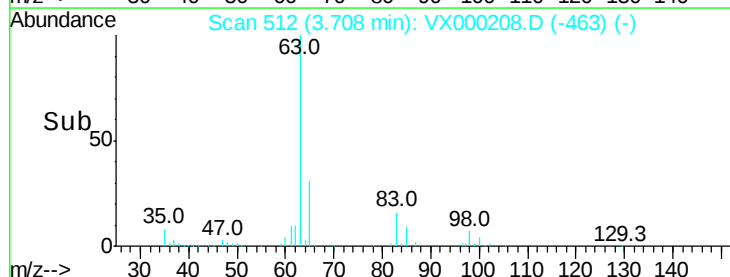
10000

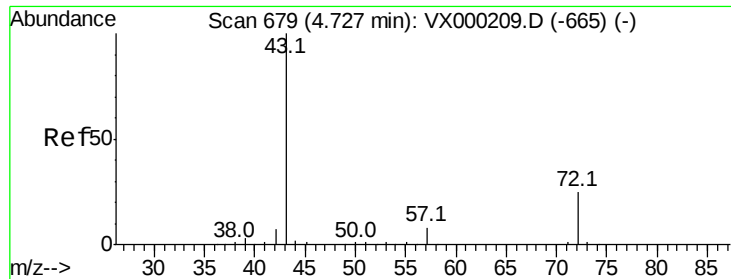
5000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 103.663 ug/l

RT: 4.72 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

Instrument :

MSVOA_X

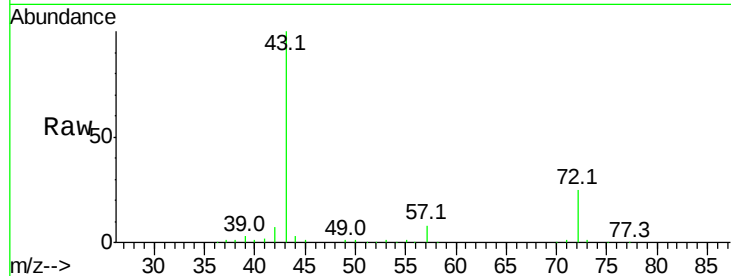
ClientSampled :

Tot Ion: 43 Resp: 166273

Ion Ratio Lower Upper

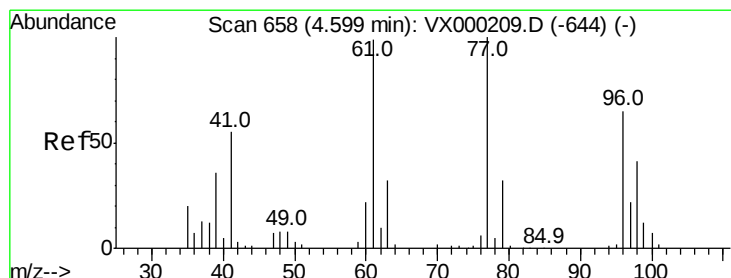
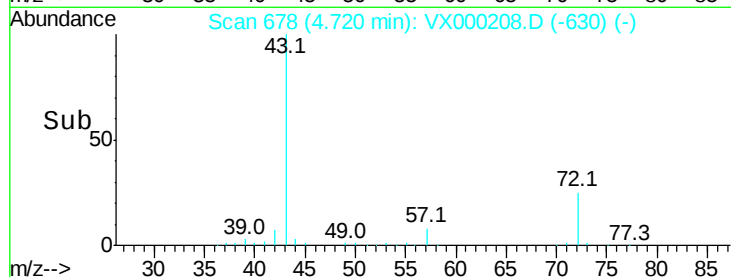
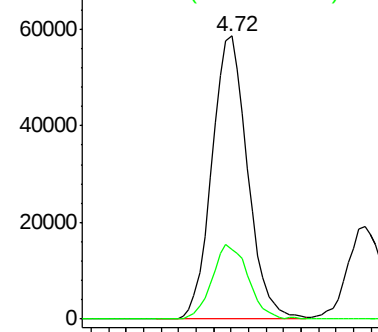
43 100

72 24.5 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.162 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX000208.D

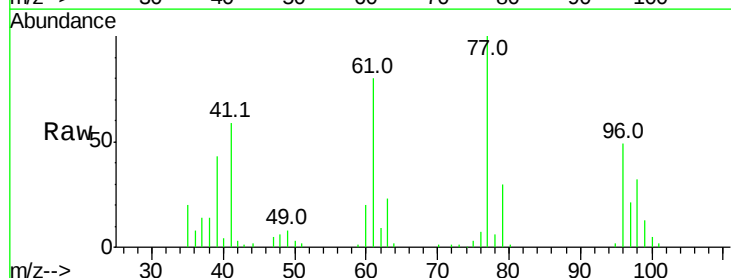
Acq: 07 Mar 2018 13:01

Tgt Ion: 77 Resp: 39853

Ion Ratio Lower Upper

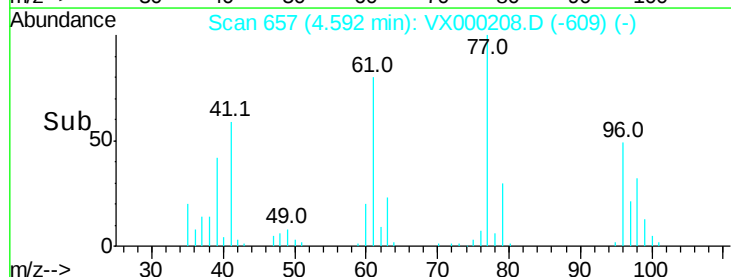
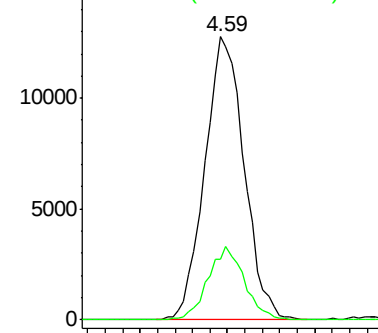
77 100

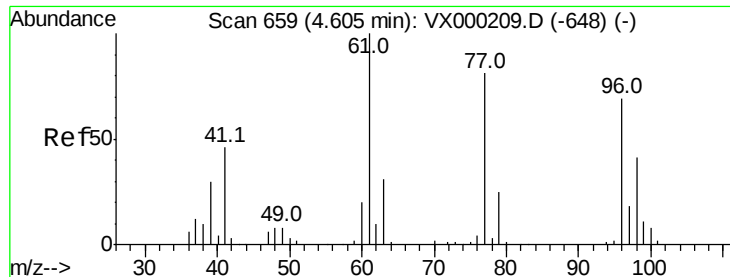
97 23.9 11.4 34.1



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



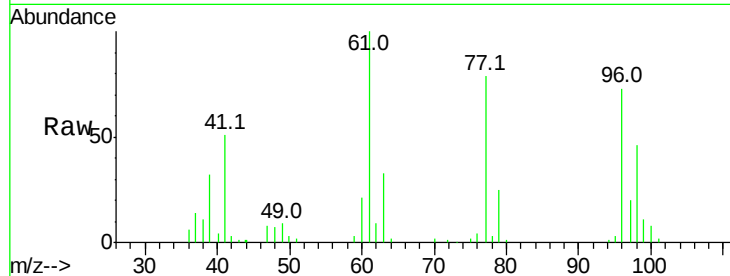


#27

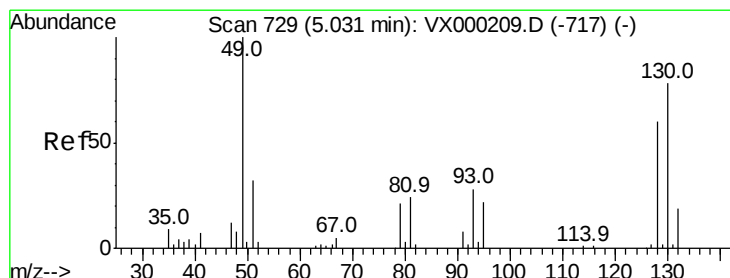
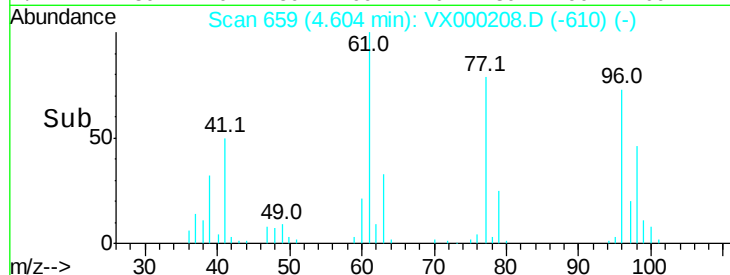
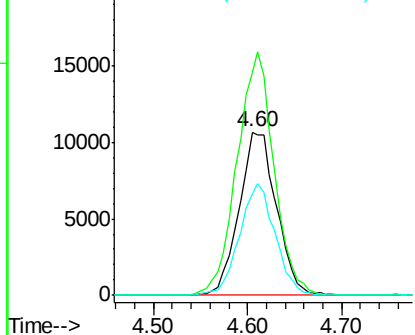
cis-1,2-Dichloroethene
 Concen: 19.613 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: VX000208.D
 Acq: 07 Mar 2018 13:01

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 96 Resp: 29614
 Ion Ratio Lower Upper
 96 100
 61 147.4 0.0 296.4
 98 65.2 0.0 130.6



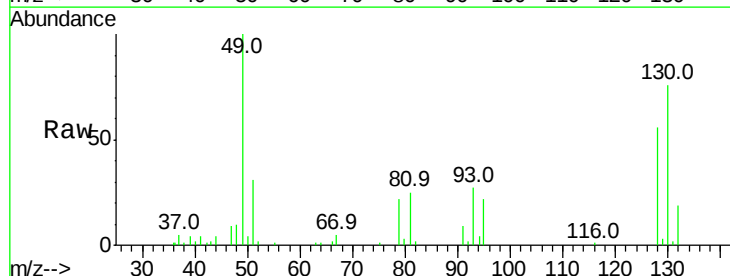
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



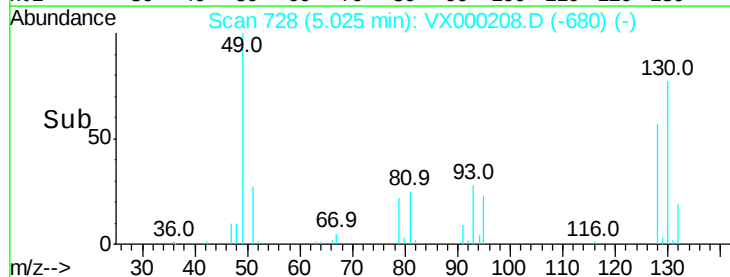
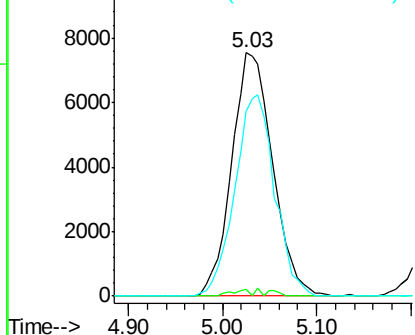
#28

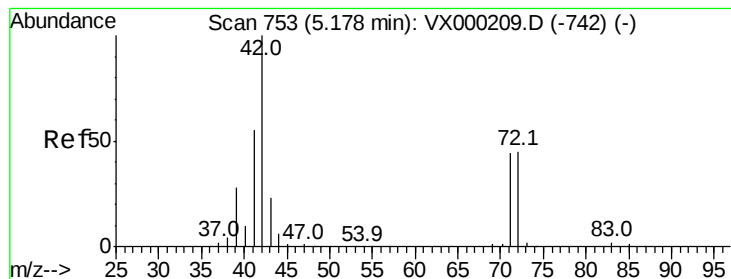
Bromochloromethane
 Concen: 19.809 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. -0.01 min
 Lab File: VX000208.D
 Acq: 07 Mar 2018 13:01

Tgt Ion: 49 Resp: 22913
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 5.0
 130 0.0 63.5 95.3#



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: 100.632 ug/l

RT: 5.18 min Scan# 753

Delta R.T. -0.00 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

Instrument :

MSVOA_X

ClientSampled :

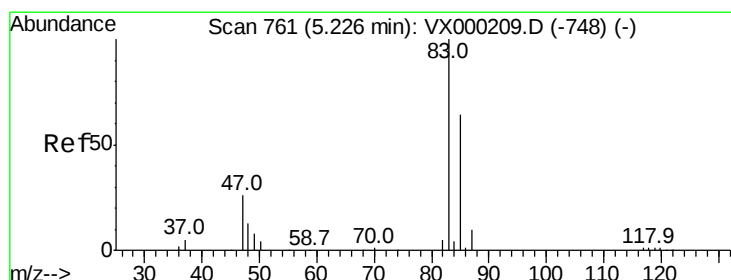
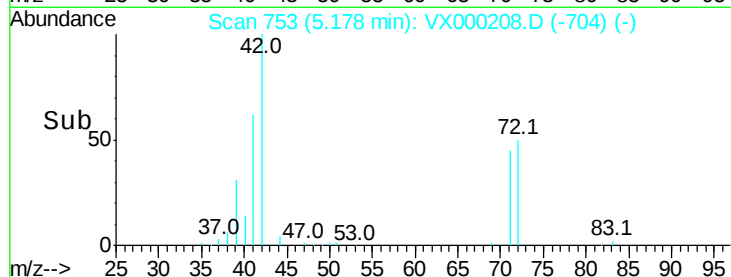
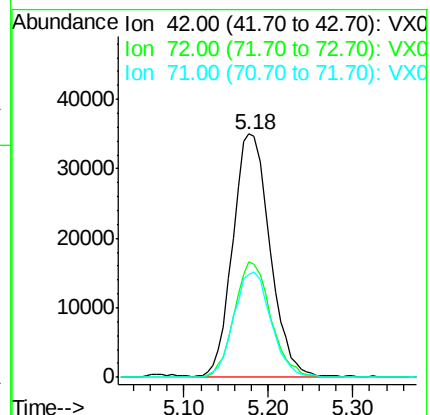
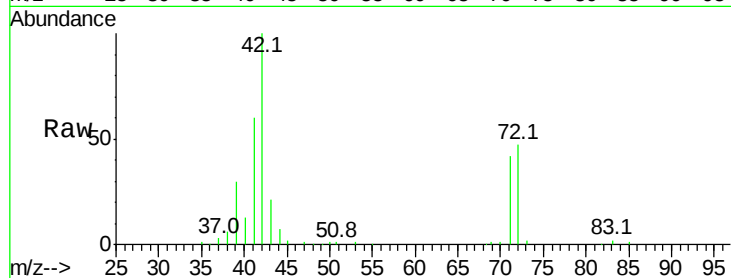
Tot Ion: 42 Resp: 104620

Ion Ratio Lower Upper

42 100

72 46.5 37.3 55.9

71 43.3 35.0 52.4



#30

Chloroform

Concen: 19.403 ug/l

RT: 5.23 min Scan# 761

Delta R.T. -0.00 min

Lab File: VX000208.D

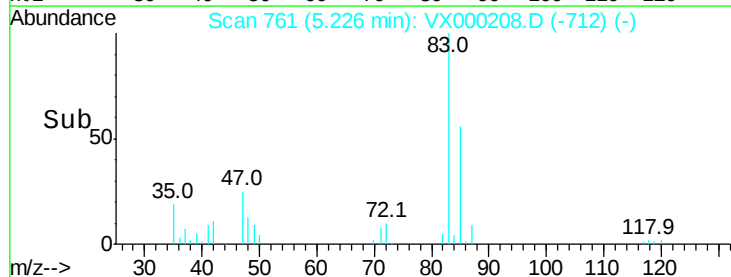
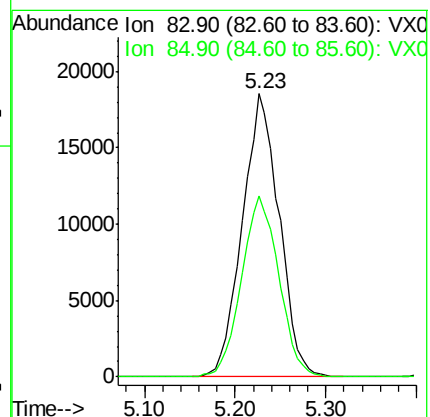
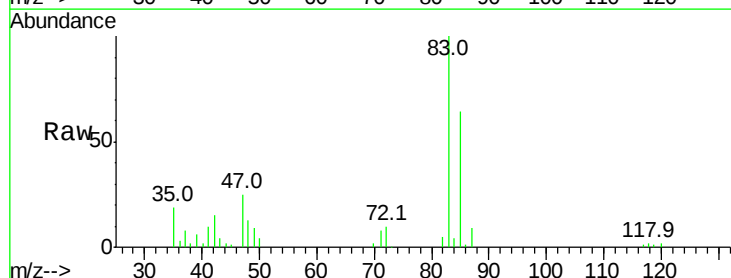
Acq: 07 Mar 2018 13:01

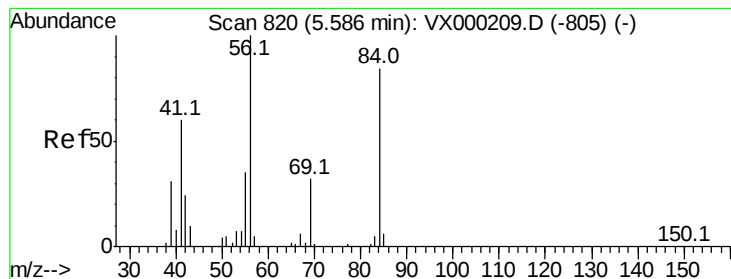
Tgt Ion: 83 Resp: 52202

Ion Ratio Lower Upper

83 100

85 63.9 51.0 76.6





#31

Cyclohexane

Concen: 19.362 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.00 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

Instrument :
MSVOA_X
ClientSampleId :

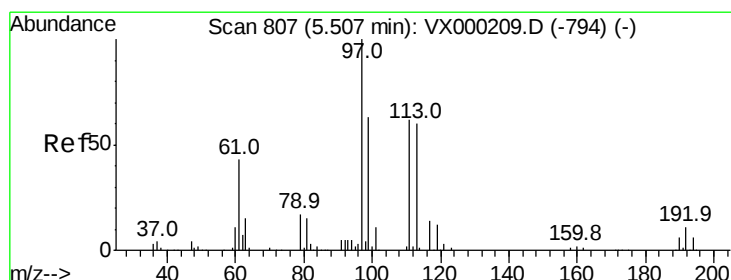
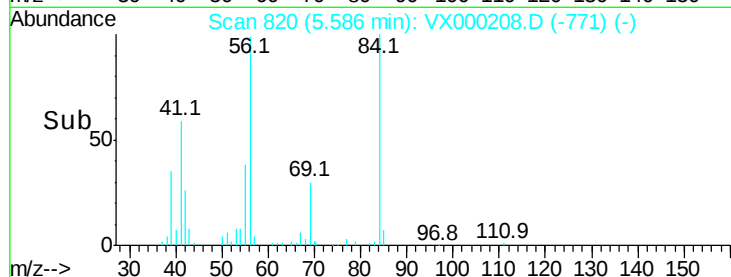
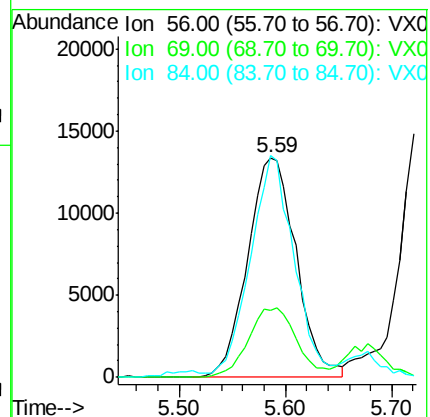
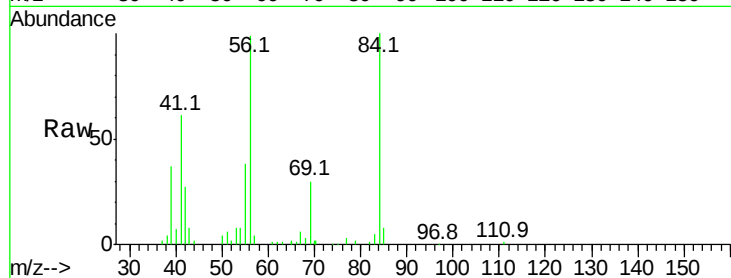
Tot Ion: 56 Resp: 42654

Ion Ratio Lower Upper

56 100

69 30.3 25.3 37.9

84 98.0 67.2 100.8



#32

1,1,1-Trichloroethane

Concen: 19.162 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

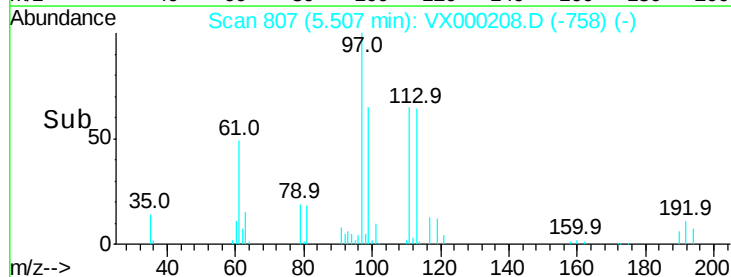
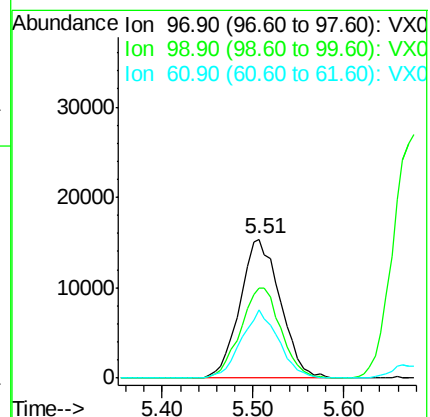
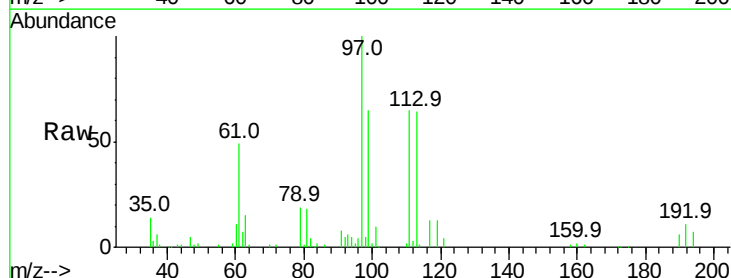
Tgt Ion: 97 Resp: 47239

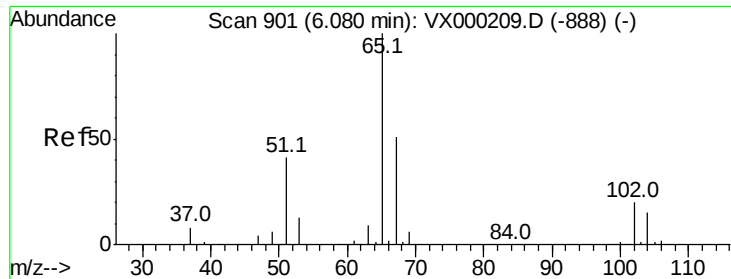
Ion Ratio Lower Upper

97 100

99 64.7 50.9 76.3

61 45.7 35.4 53.0

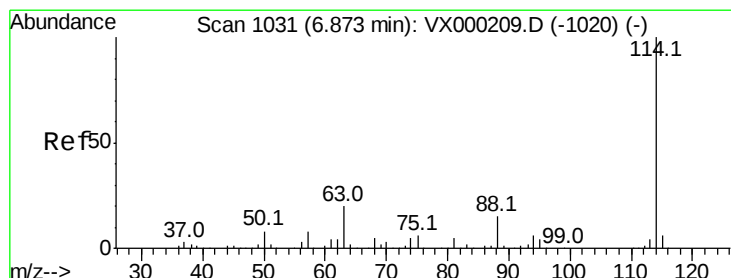
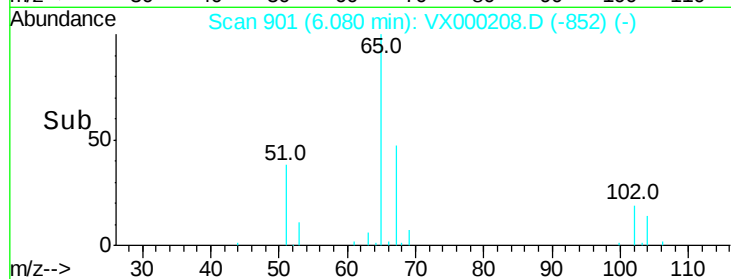
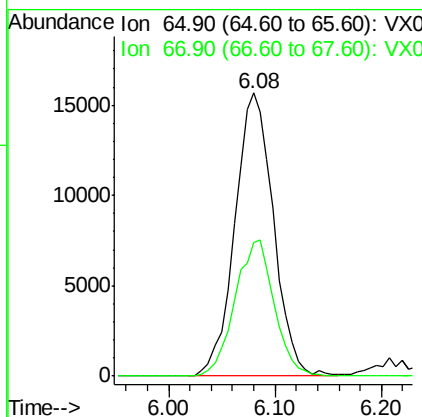
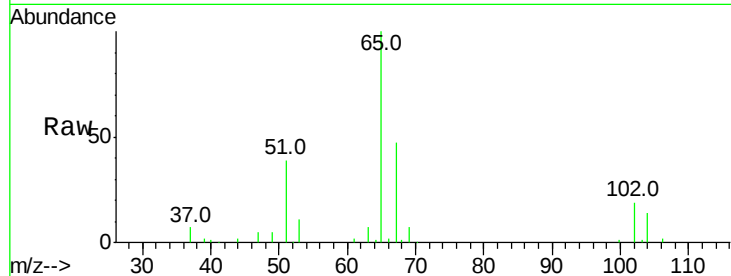




#33
 1,2-Dichloroethane-d4
 Concen: 22.291 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: VX000208.D
 Acq: 07 Mar 2018 13:01

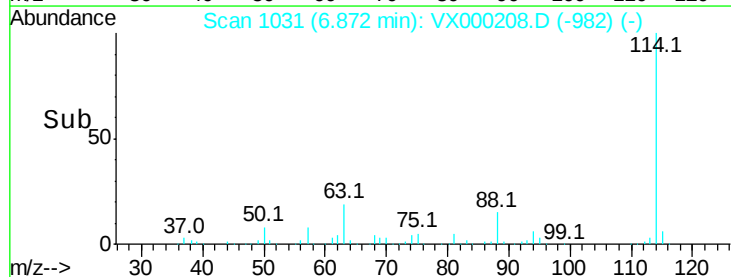
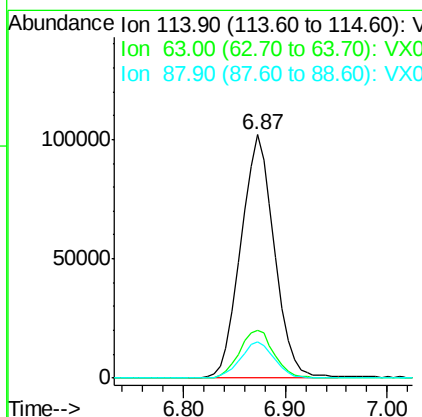
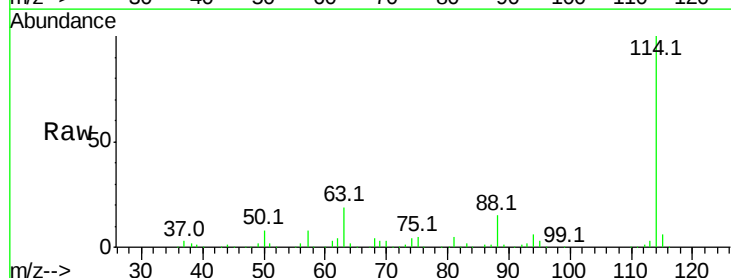
Instrument :
 MSVOA_X
 ClientSampleId :

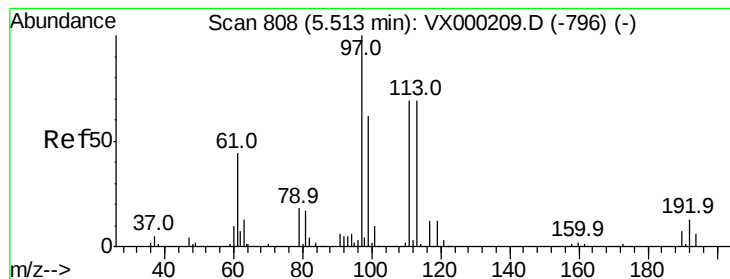
Tot Ion: 65 Resp: 39780
 Ion Ratio Lower Upper
 65 100
 67 48.8 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000208.D
 Acq: 07 Mar 2018 13:01

Tgt Ion:114 Resp: 232727
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.2
 88 15.0 0.0 29.8





#35

Dibromofluoromethane

Concen: 20.484 ug/l

RT: 5.52 min Scan# 809

Delta R.T. 0.01 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

Instrument :

MSVOA_X

ClientSampled :

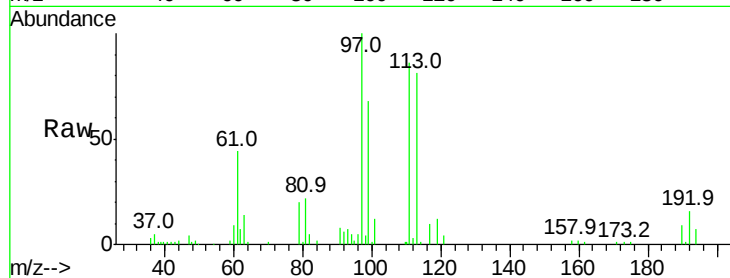
Tot Ion:113 Resp: 30193

Ion Ratio Lower Upper

113 100

111 102.9 83.0 124.6

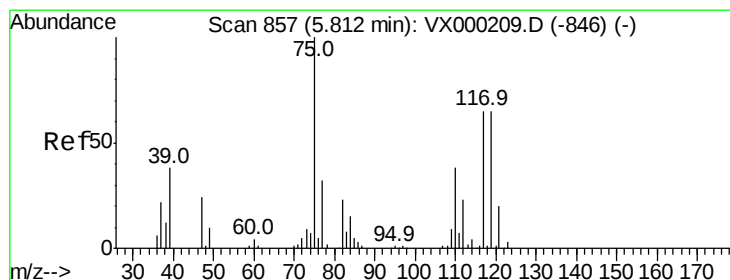
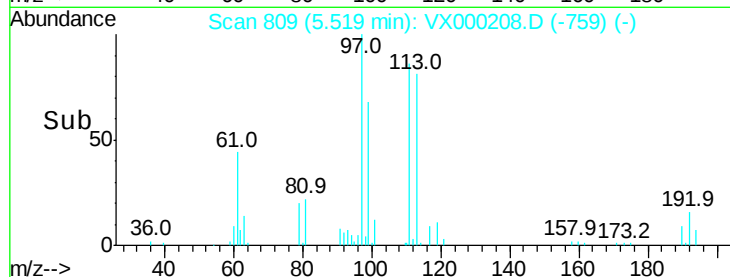
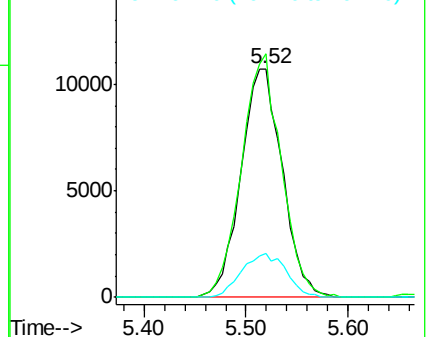
192 20.6 15.5 23.3



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: 18.713 ug/l

RT: 5.81 min Scan# 857

Delta R.T. -0.00 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

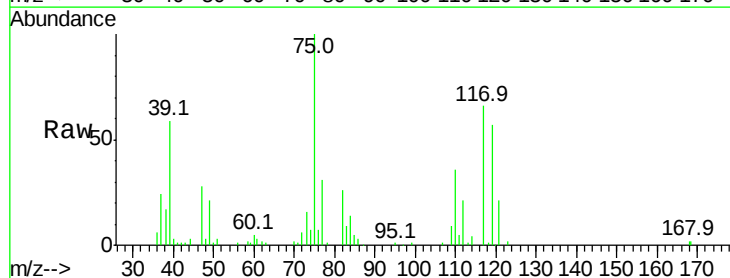
Tgt Ion: 75 Resp: 39163

Ion Ratio Lower Upper

75 100

110 35.9 17.8 53.5

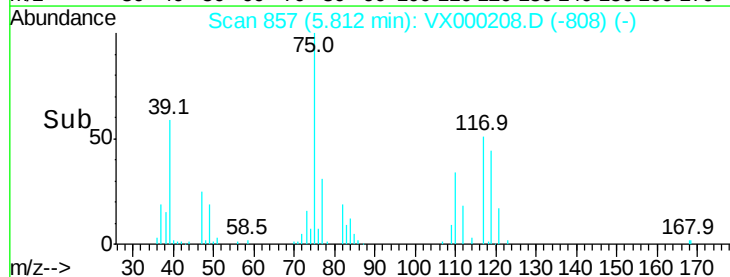
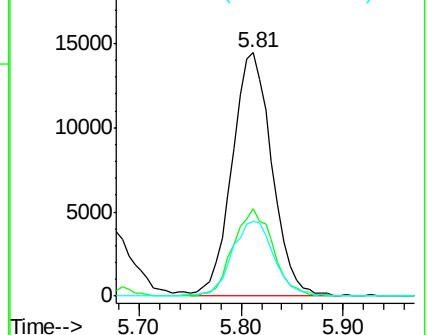
77 32.4 24.9 37.3

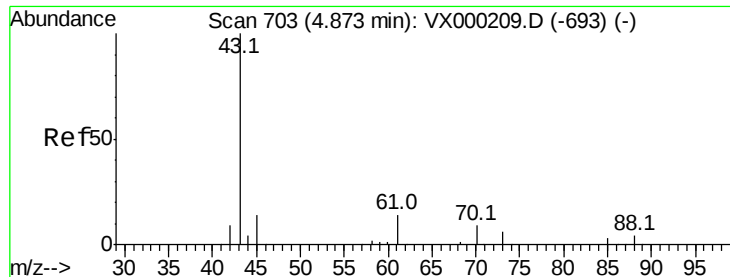


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

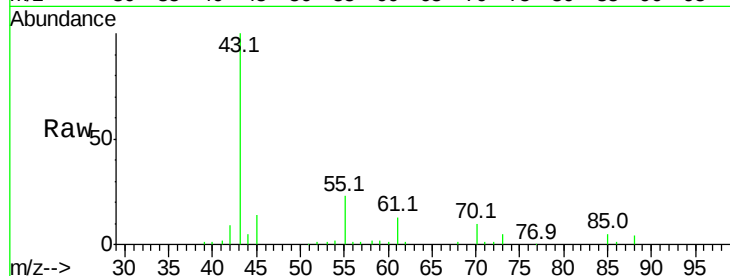




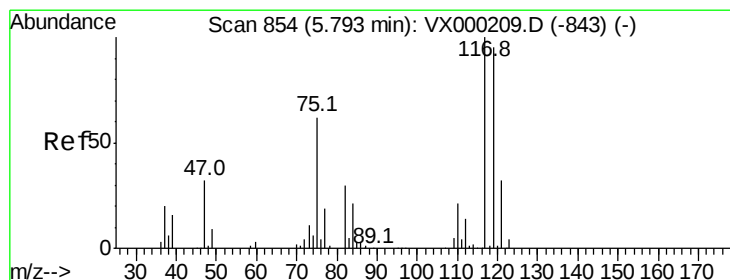
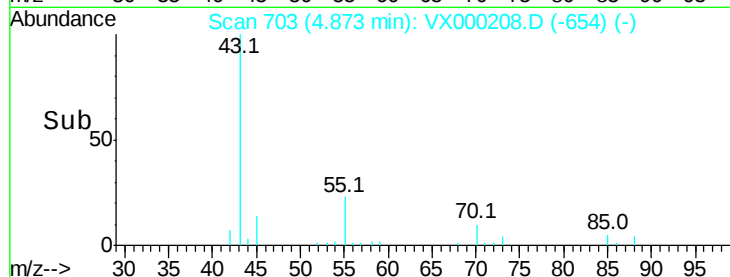
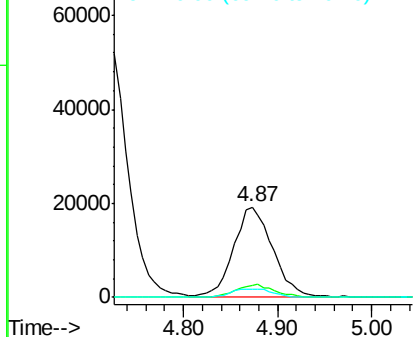
#37
Ethyl Acetate
Concen: 19.144 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX000208.D
Acq: 07 Mar 2018 13:01

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 55267
Ion Ratio Lower Upper
43 100
61 14.2 11.0 16.6
70 10.2 7.8 11.6

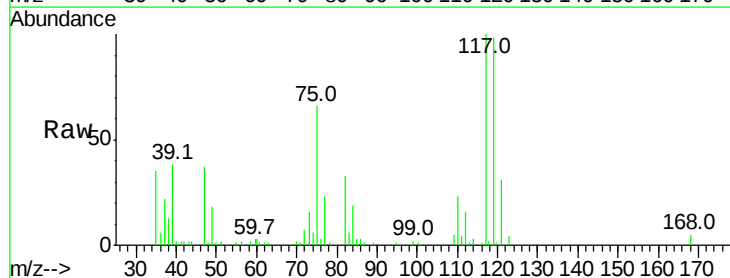


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

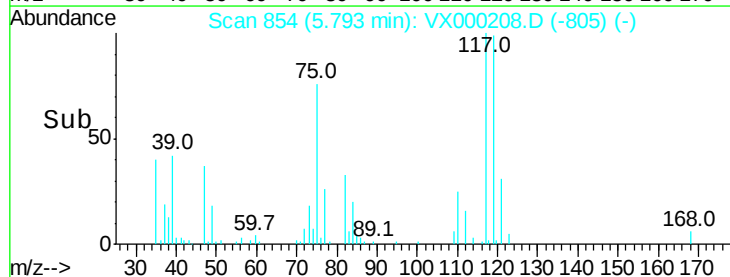
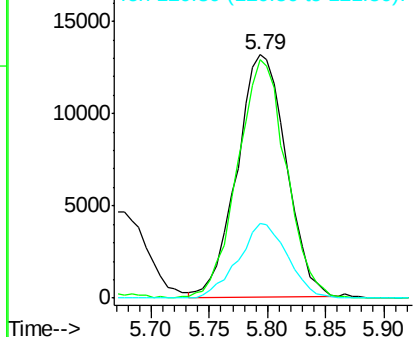


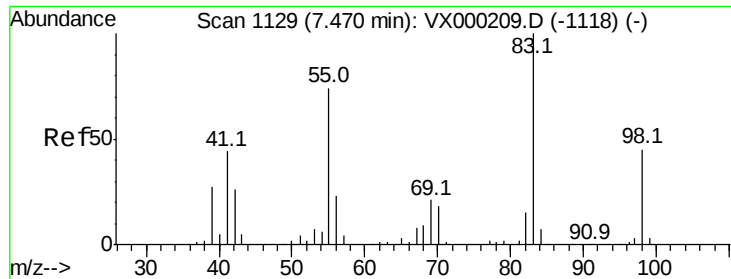
#38
Carbon Tetrachloride
Concen: 17.268 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000208.D
Acq: 07 Mar 2018 13:01

Tgt Ion: 117 Resp: 38605
Ion Ratio Lower Upper
117 100
119 97.9 75.9 113.9
121 31.2 25.8 38.6



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

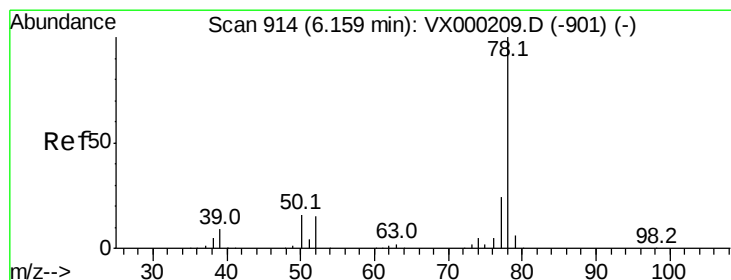
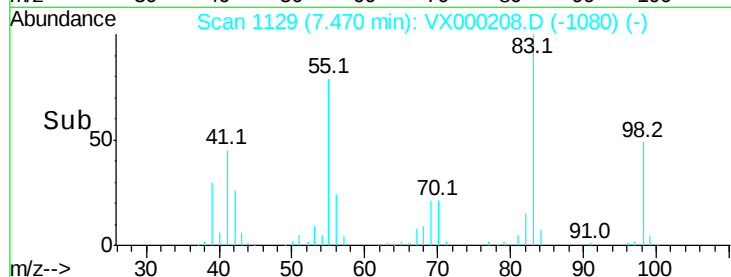
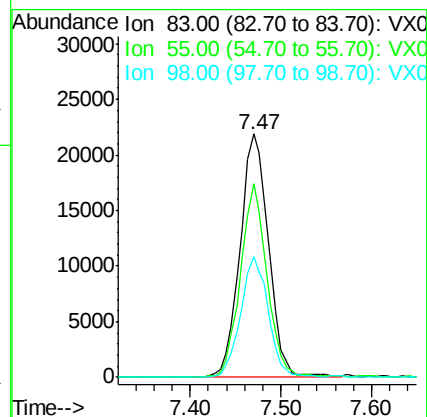
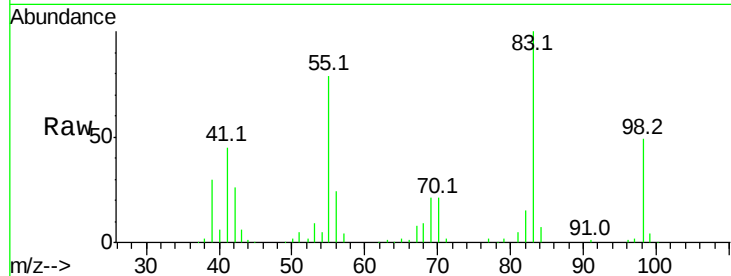




#39
Methvlcvclohexane
Concen: 18.931 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000208.D
Acq: 07 Mar 2018 13:01

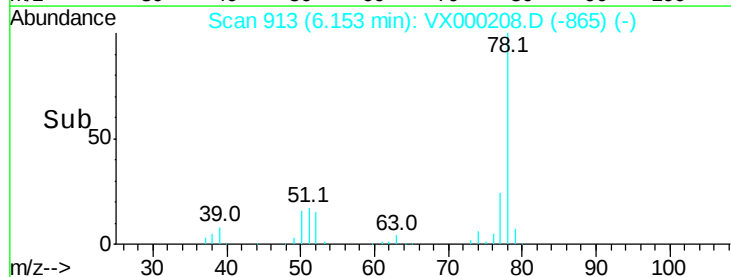
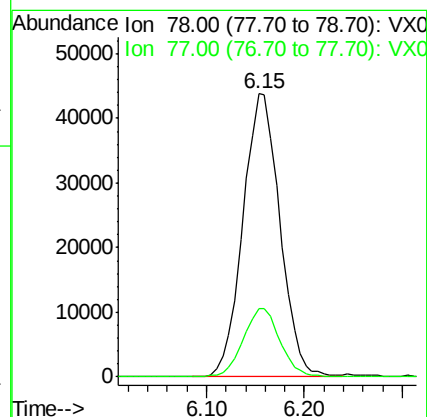
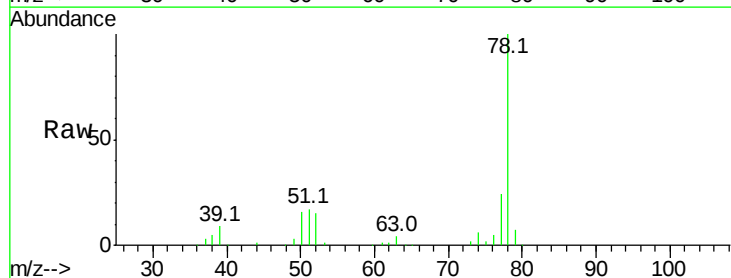
Instrument :
MSVOA_X
ClientSampled :

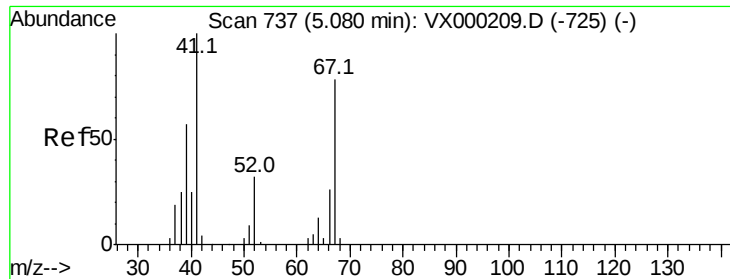
Tot Ion: 83 Resp: 47826
Ion Ratio Lower Upper
83 100
55 79.2 59.4 89.0
98 49.4 36.3 54.5



#40
Benzene
Concen: 19.213 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.01 min
Lab File: VX000208.D
Acq: 07 Mar 2018 13:01

Tgt Ion: 78 Resp: 115084
Ion Ratio Lower Upper
78 100
77 24.2 19.4 29.2

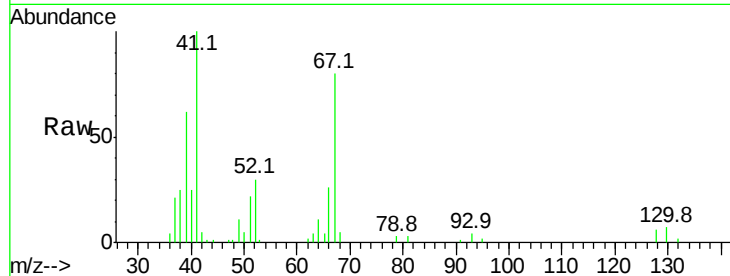




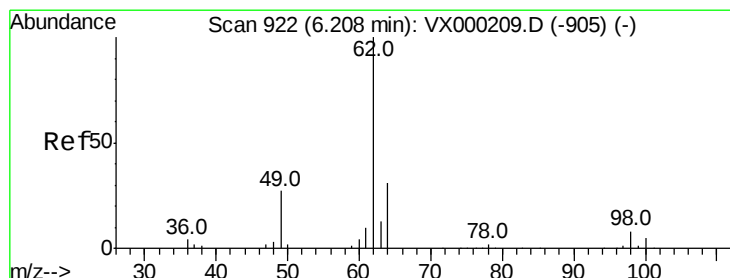
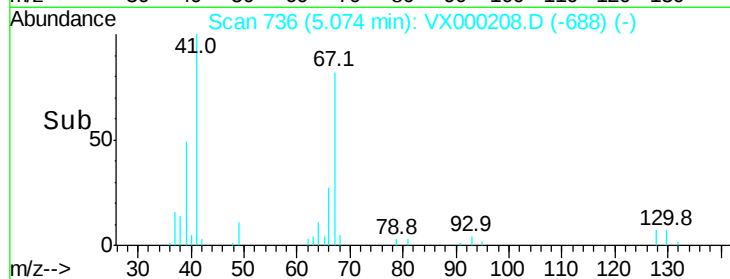
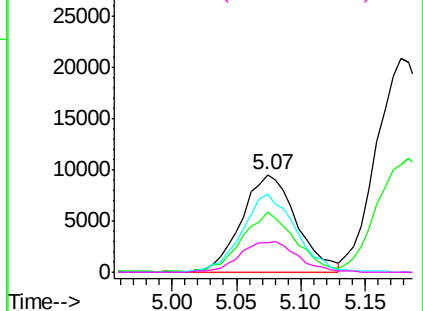
#41
Methacrylonitrile
Concen: 18.630 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.01 min
Lab File: VX000208.D
Acq: 07 Mar 2018 13:01

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 41 Resp: 28097
Ion Ratio Lower Upper
41 100
39 58.2 47.8 71.6
67 78.7 59.3 88.9
52 32.9 26.4 39.6

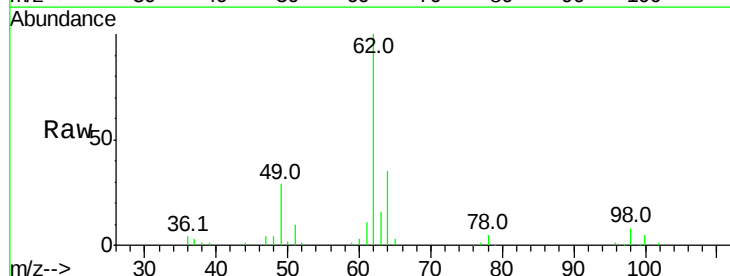


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

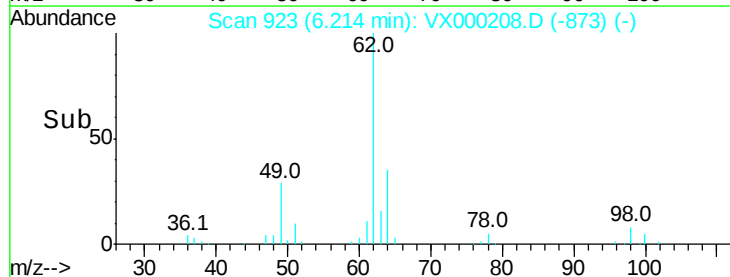
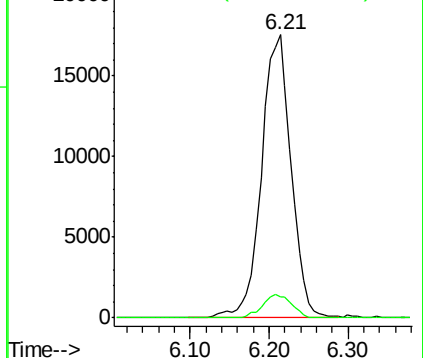


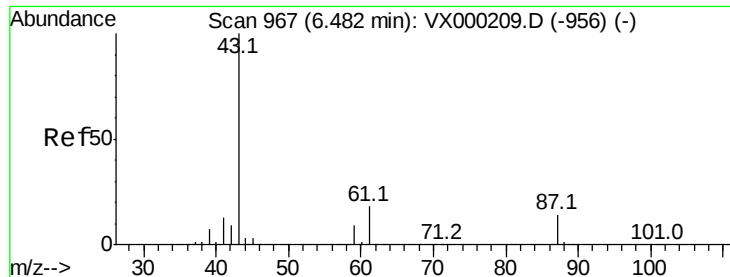
#42
1,2-Dichloroethane
Concen: 20.647 ug/l
RT: 6.21 min Scan# 923
Delta R.T. 0.01 min
Lab File: VX000208.D
Acq: 07 Mar 2018 13:01

Tgt Ion: 62 Resp: 45818
Ion Ratio Lower Upper
62 100
98 8.1 0.0 16.2



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



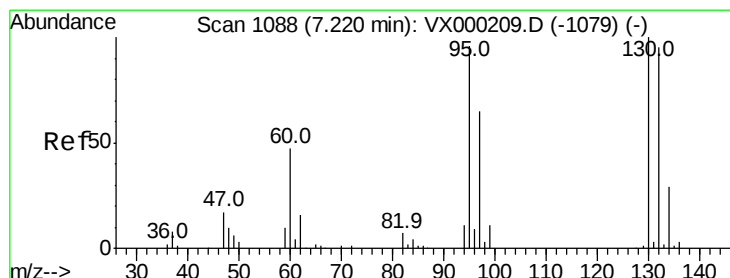
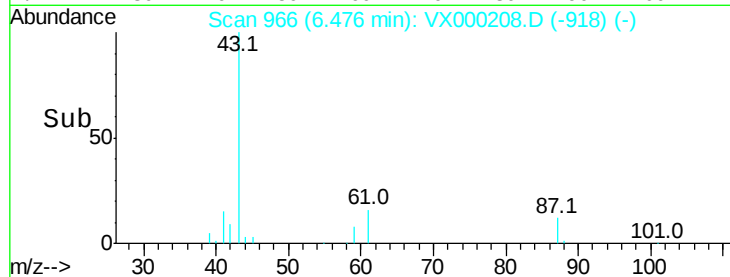
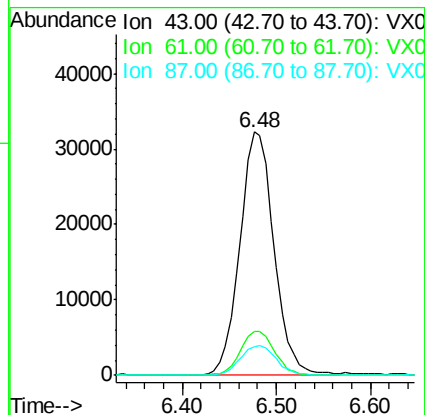
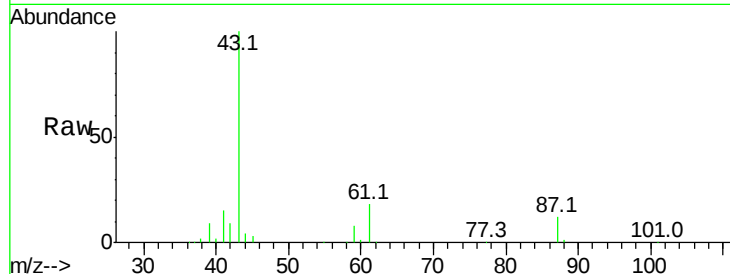


#43

Isopropyl Acetate
 Concen: 19.612 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: VX000208.D
 Acq: 07 Mar 2018 13:01

Instrument :
 MSVOA_X
 ClientSampled :

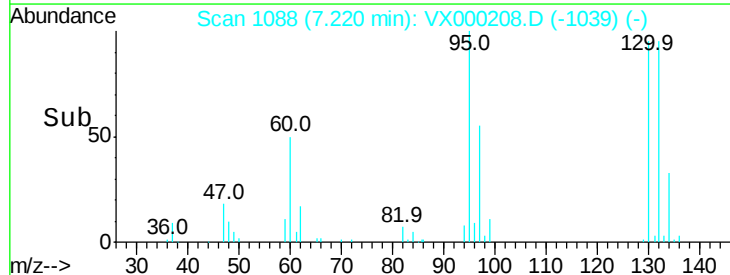
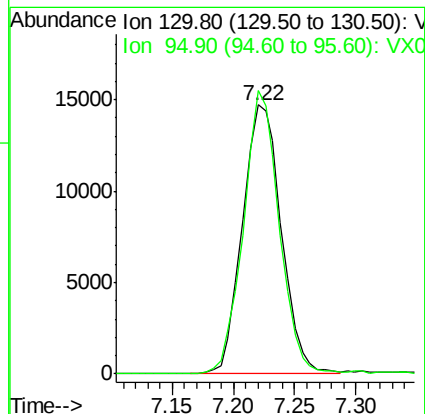
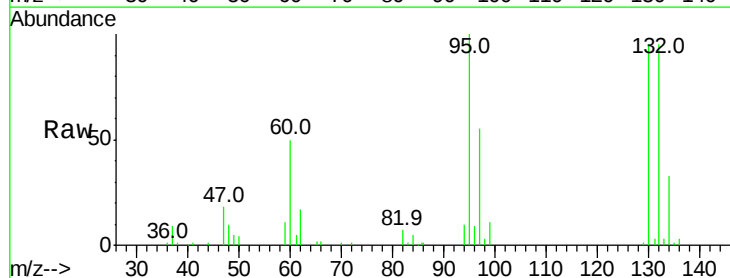
Tot Ion	43	61	87
Resp	81975		
Ratio	100	18.2	12.9
Lower		14.8	10.6
Upper		22.2	16.0

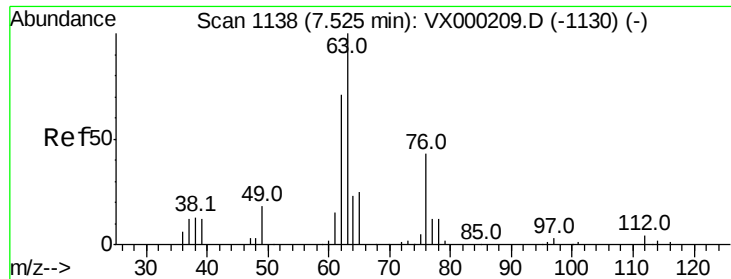


#44

Trichloroethene
 Concen: 18.535 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX000208.D
 Acq: 07 Mar 2018 13:01

Tgt Ion	130	95
Resp	32519	
Ratio	100	105.2
Lower		0.0
Upper		191.8





#45

1,2-Dichloropropane

Concen: 19.888 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

Instrument :

MSVOA_X

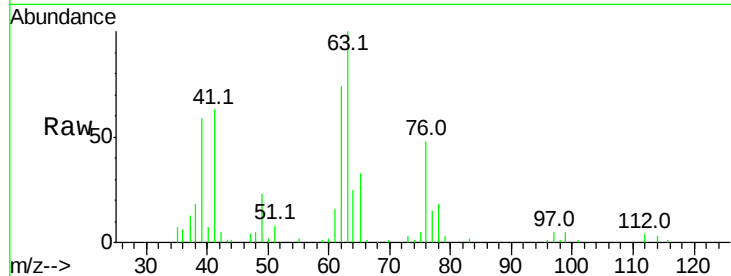
ClientSampled :

Tot Ion: 63 Resp: 29327

Ion Ratio Lower Upper

63 100

65 32.5 22.3 33.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

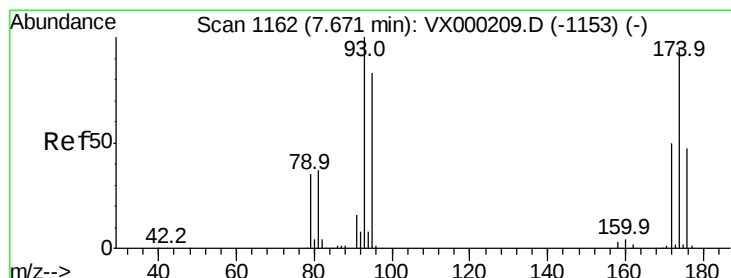
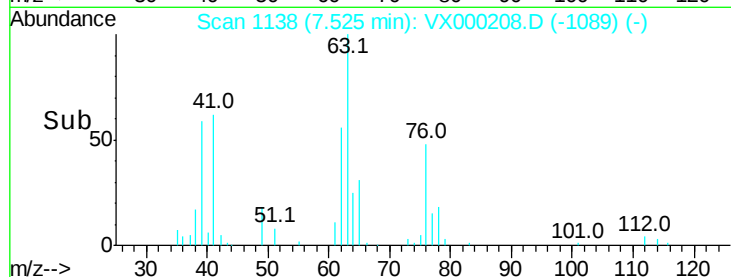
15000

10000

5000

0

Time--> 7.40 7.50 7.60



#46

Dibromomethane

Concen: 20.191 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.00 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

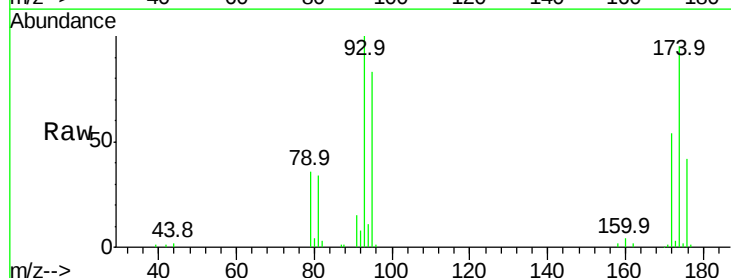
Tgt Ion: 93 Resp: 23246

Ion Ratio Lower Upper

93 100

95 81.5 64.1 96.1

174 93.4 75.8 113.8



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

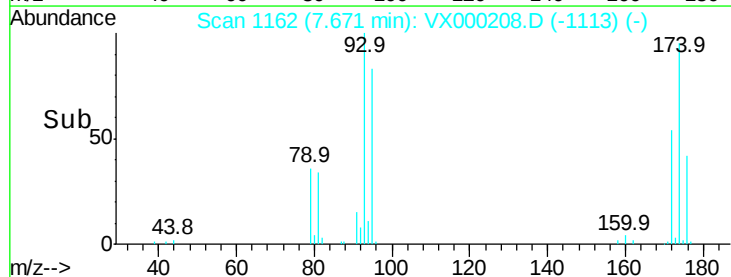
15000

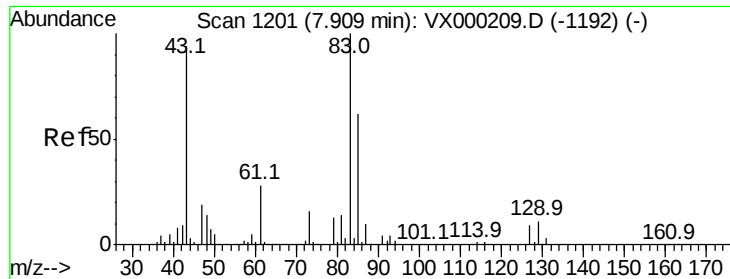
10000

5000

0

Time--> 7.60 7.65 7.70 7.75





#47

Bromodichloromethane

Concen: 19.418 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

Instrument :
MSVOA_X
ClientSampleId :

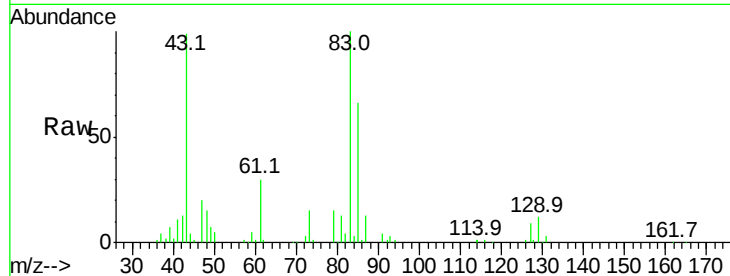
Tot Ion: 83 Resp: 41201

Ion Ratio Lower Upper

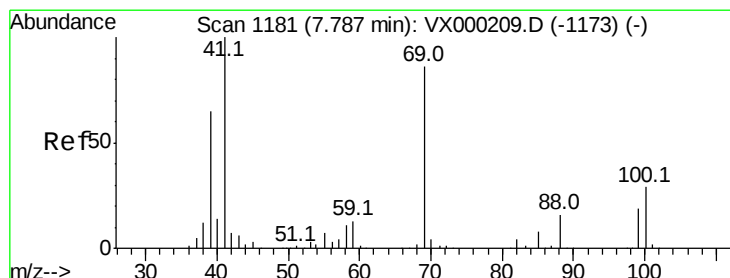
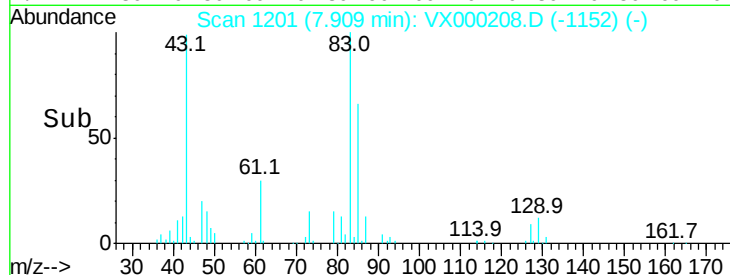
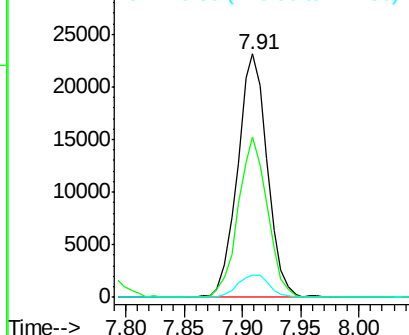
83 100

85 65.7 49.6 74.4

127 9.2 7.0 10.4



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: 19.280 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

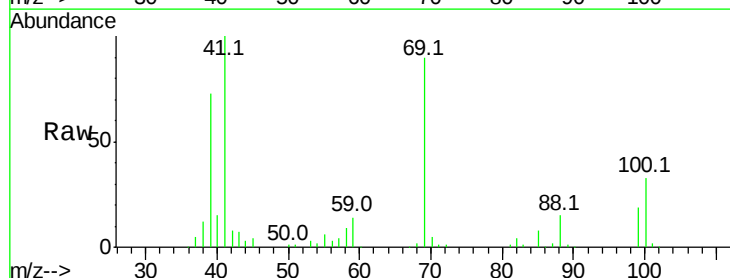
Tgt Ion: 41 Resp: 39399

Ion Ratio Lower Upper

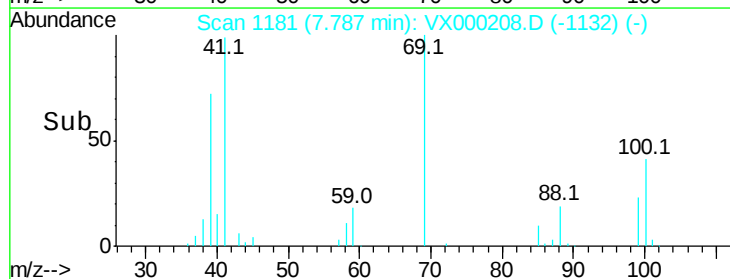
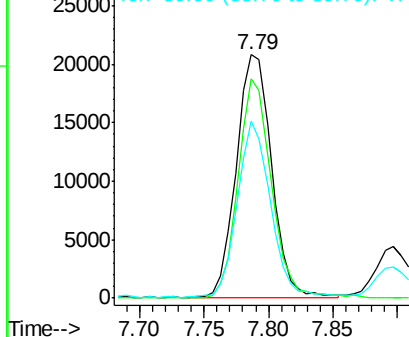
41 100

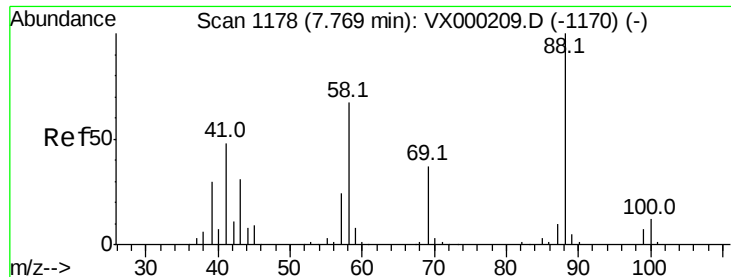
69 85.7 70.0 105.0

39 68.1 53.6 80.4



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

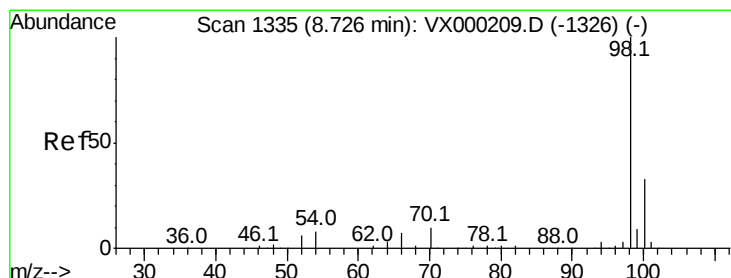
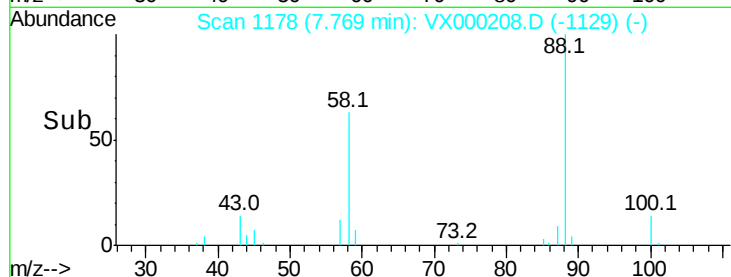
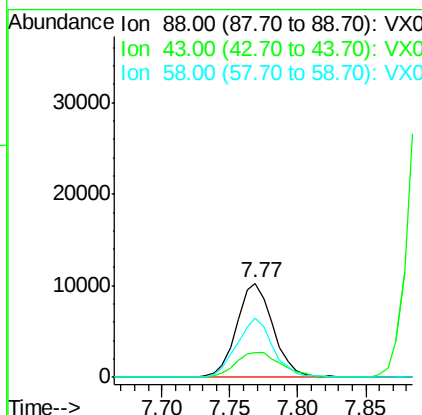
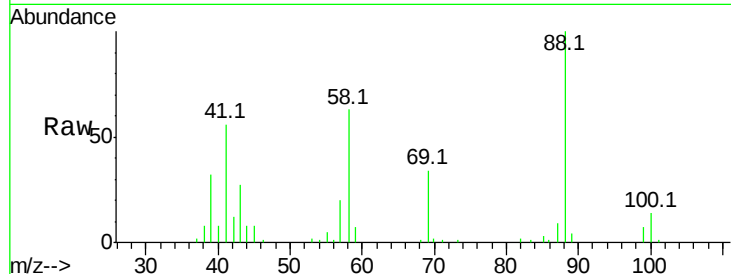




#49
1,4-Dioxane
Concen: 364.255 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VX000208.D
Acq: 07 Mar 2018 13:01

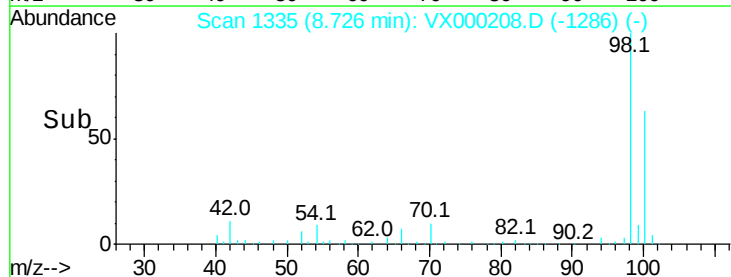
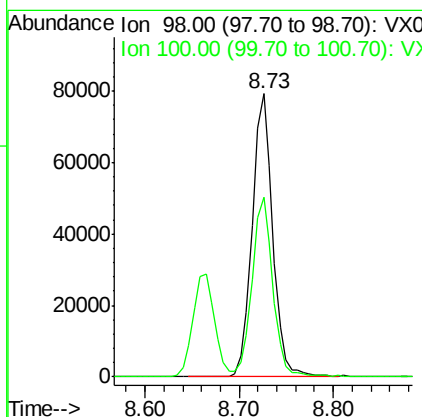
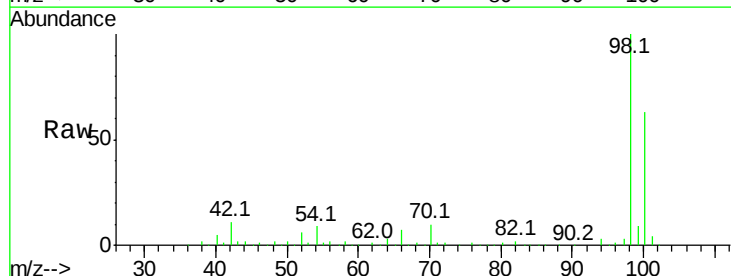
Instrument :
MSVOA_X
ClientSampled :

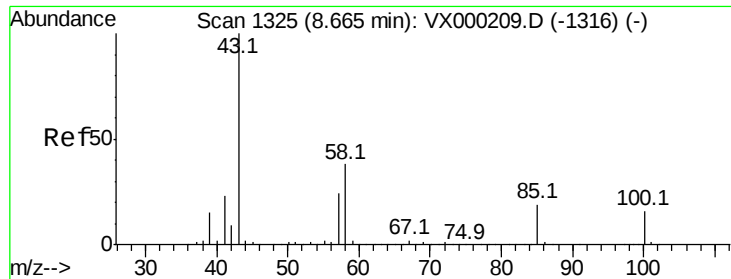
Tot Ion: 88 Resp: 19130
Ion Ratio Lower Upper
88 100
43 33.7 26.9 40.3
58 63.3 52.2 78.4



#50
Toluene-d8
Concen: 20.731 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000208.D
Acq: 07 Mar 2018 13:01

Tgt Ion: 98 Resp: 122538
Ion Ratio Lower Upper
98 100
100 64.1 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 103.395 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.01 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

Instrument :

MSVOA_X

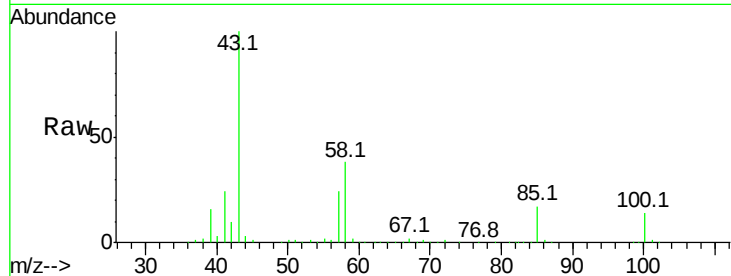
ClientSampled :

Tot Ion: 43 Resp: 31887

Ion Ratio Lower Upper

43 100

58 37.3 30.2 45.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.66

200000

150000

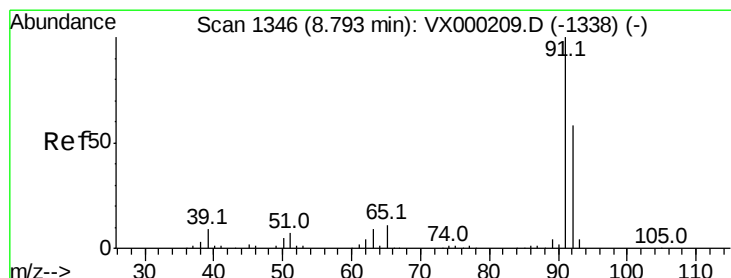
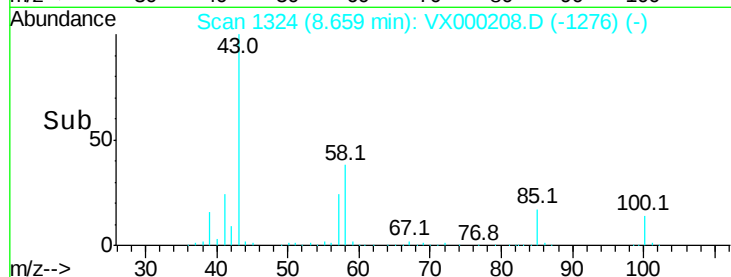
100000

50000

0

8.60 8.70 8.80

Time-->



#52

Toluene

Concen: 19.654 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000208.D

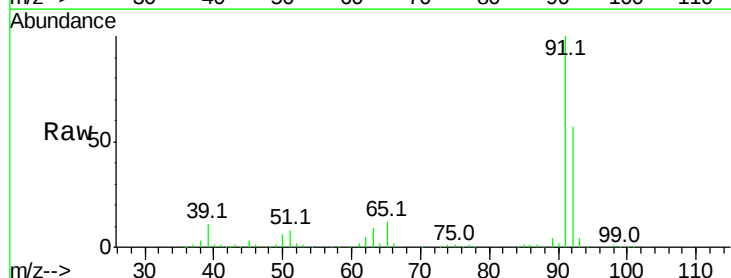
Acq: 07 Mar 2018 13:01

Tgt Ion: 92 Resp: 79190

Ion Ratio Lower Upper

92 100

91 175.7 139.0 208.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

100000

80000

60000

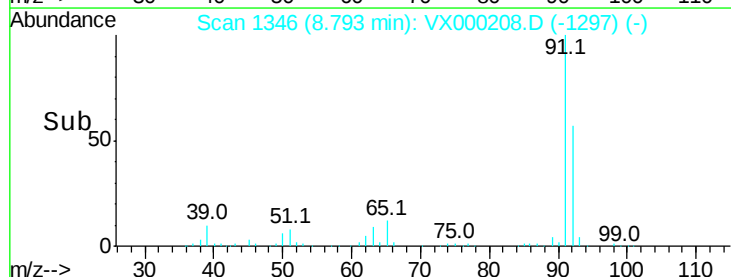
40000

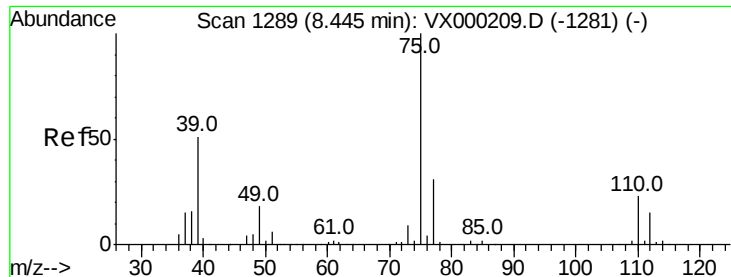
20000

0

8.70 8.80 8.90

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.632 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

Instrument :

MSVOA_X

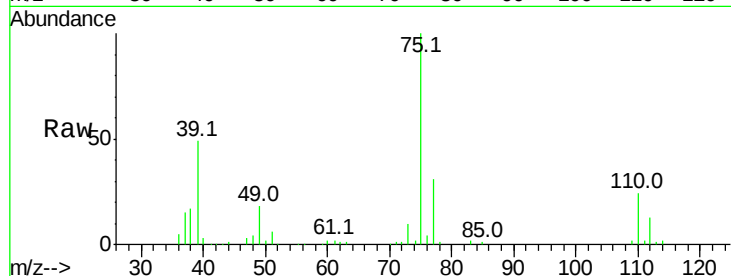
ClientSampleId :

Tot Ion: 75 Resp: 48954

Ion Ratio Lower Upper

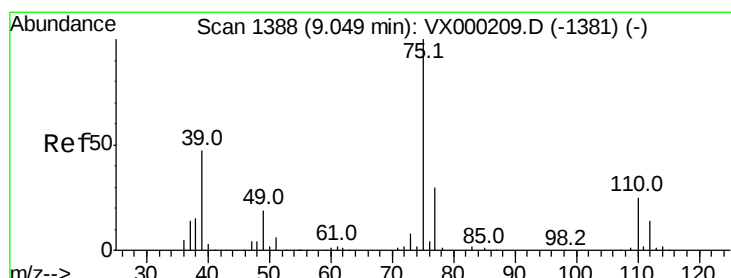
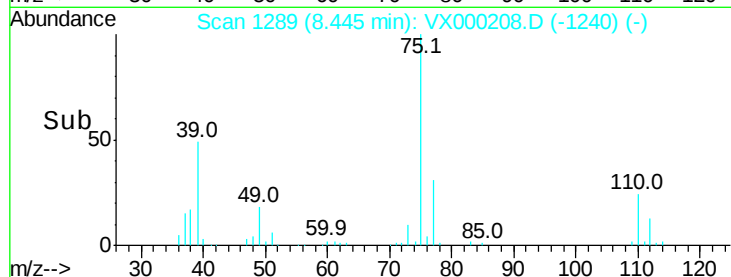
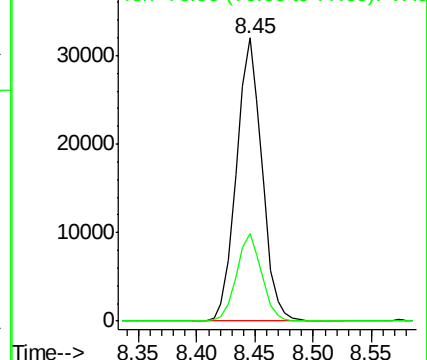
75 100

77 31.1 24.8 37.2



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: 18.949 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

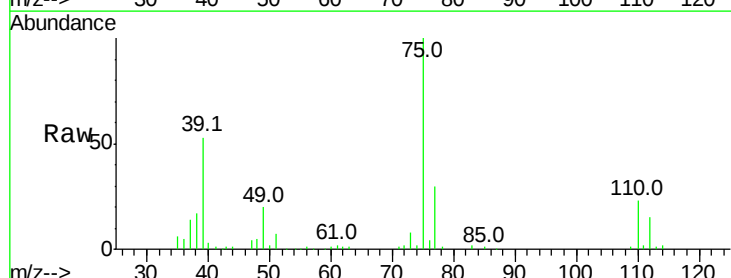
Tgt Ion: 75 Resp: 46899

Ion Ratio Lower Upper

75 100

77 30.5 23.9 35.9

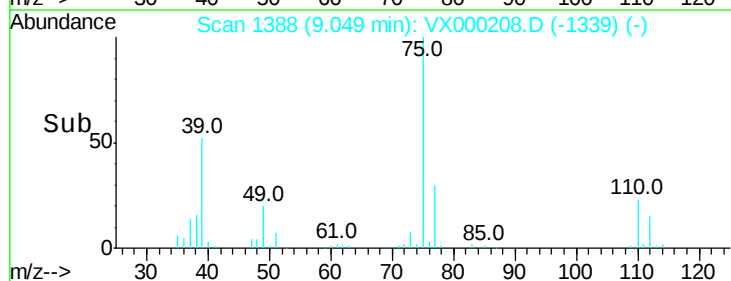
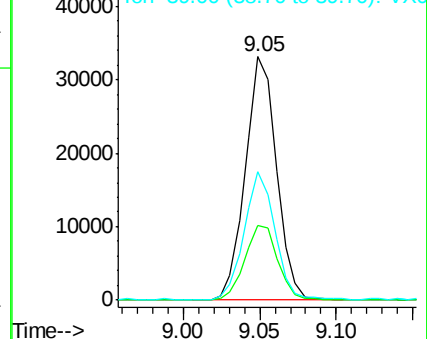
39 52.5 37.4 56.2

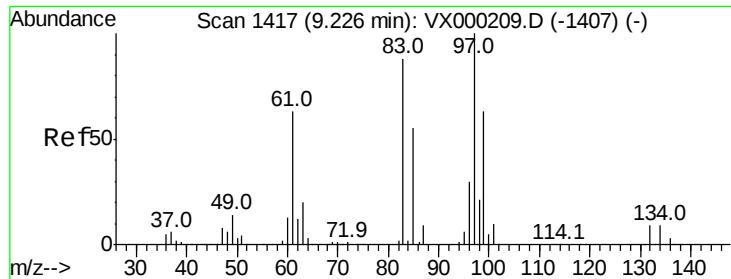


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0



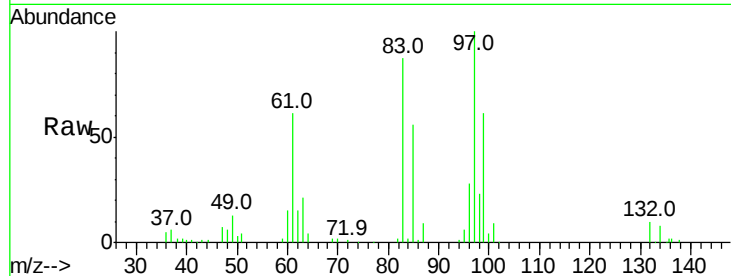


#55
 1,1,2-Trichloroethane
 Concen: 19.662 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000208.D
 Acq: 07 Mar 2018 13:01

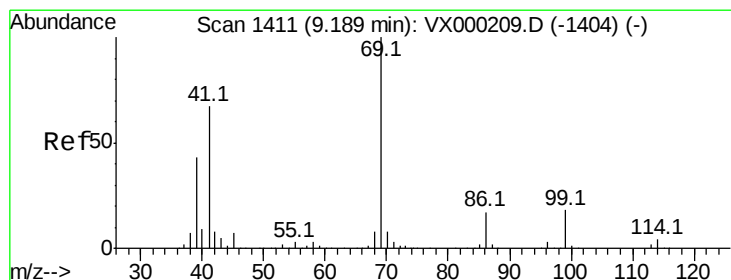
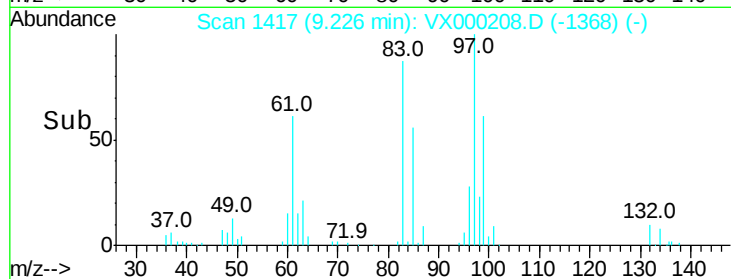
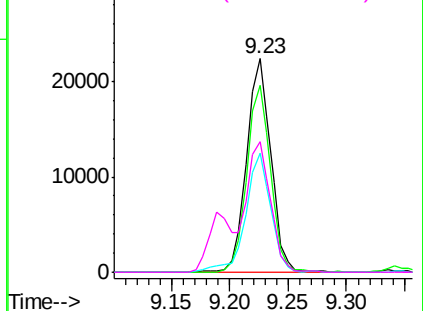
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 97 Resp: 32604

Ion	Ratio	Lower	Upper
97	100		
83	87.3	70.4	105.6
85	55.5	43.9	65.9
99	61.0	50.5	75.7



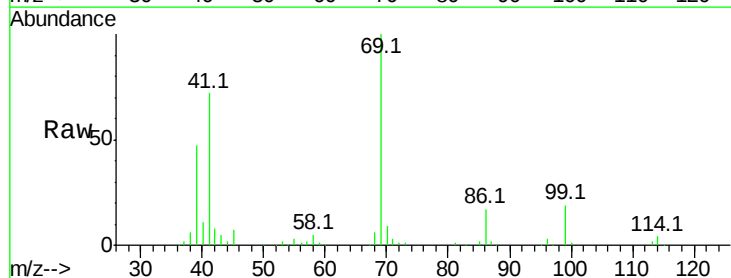
Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0



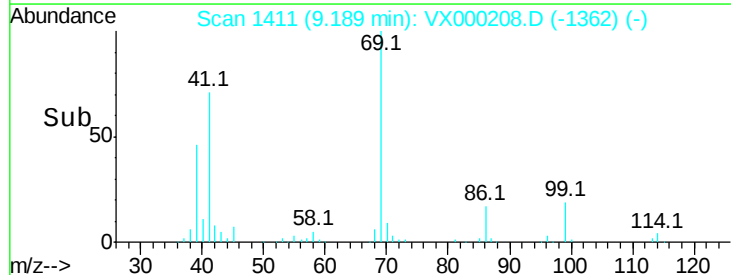
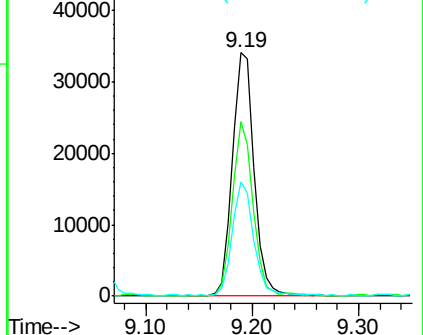
#56
 Ethyl methacrylate
 Concen: 19.345 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000208.D
 Acq: 07 Mar 2018 13:01

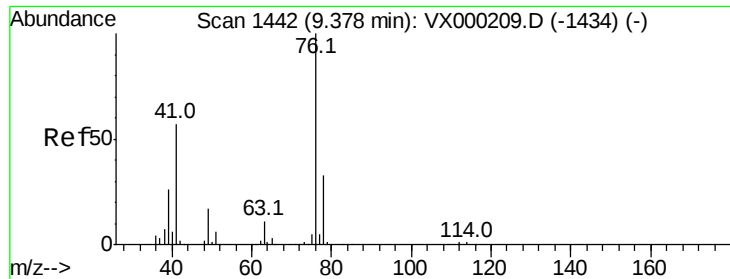
Tgt Ion: 69 Resp: 49323

Ion	Ratio	Lower	Upper
69	100		
41	68.8	52.2	78.2
39	46.2	34.3	51.5



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: 20.921 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

Instrument :

MSVOA_X

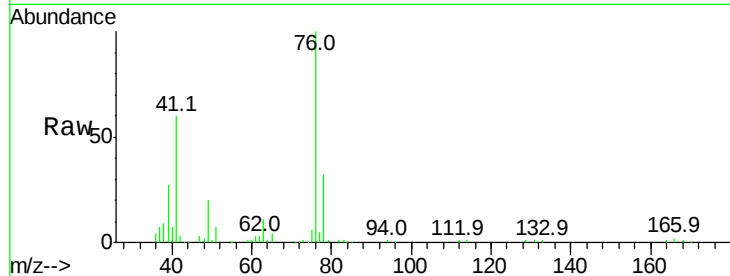
ClientSampleId :

Tot Ion: 76 Resp: 55236

Ion Ratio Lower Upper

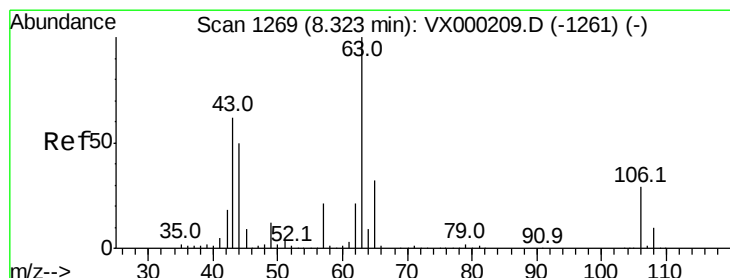
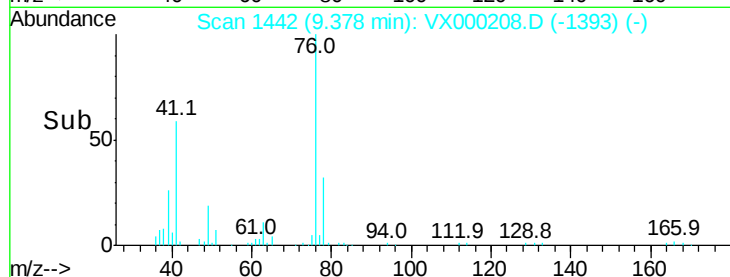
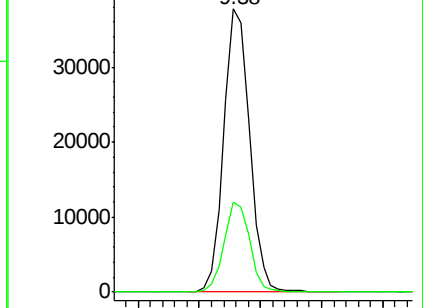
76 100

78 31.7 26.2 39.2



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: 92.729 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX000208.D

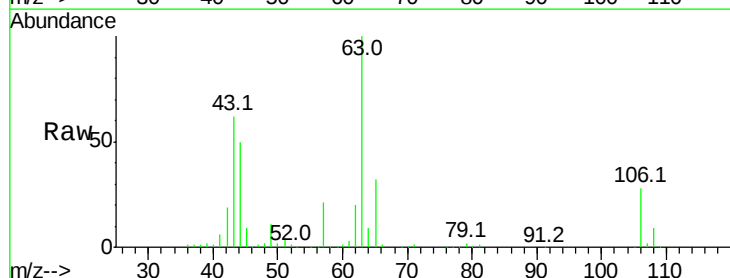
Acq: 07 Mar 2018 13:01

Tgt Ion: 63 Resp: 119299

Ion Ratio Lower Upper

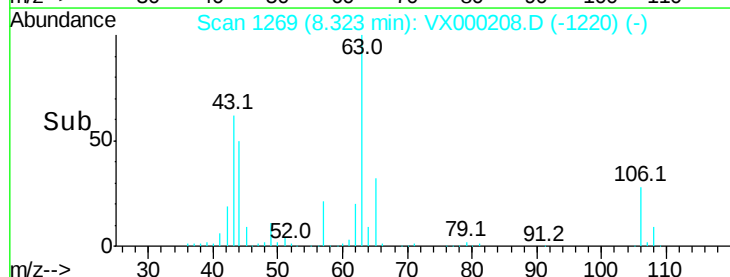
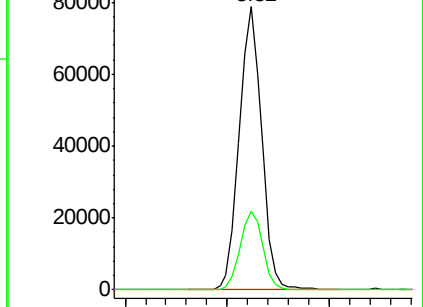
63 100

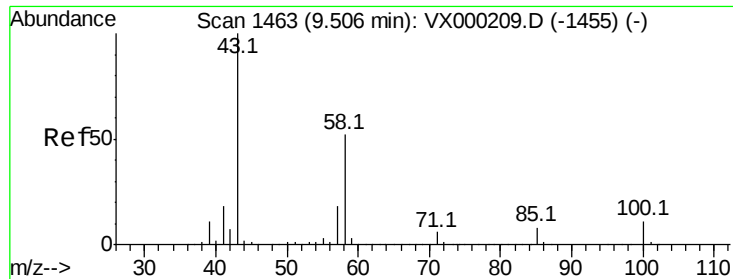
106 28.2 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

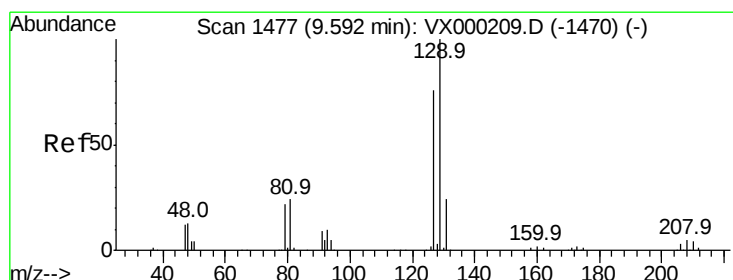
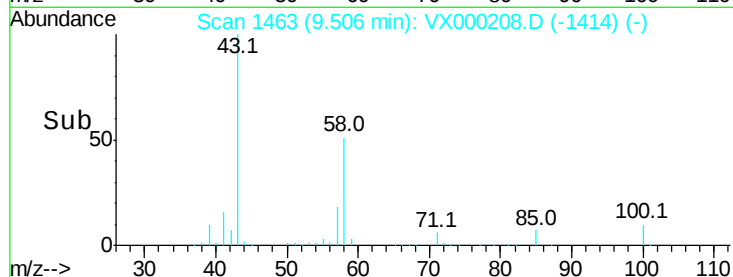
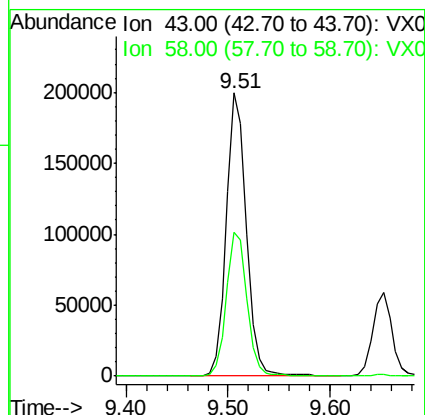
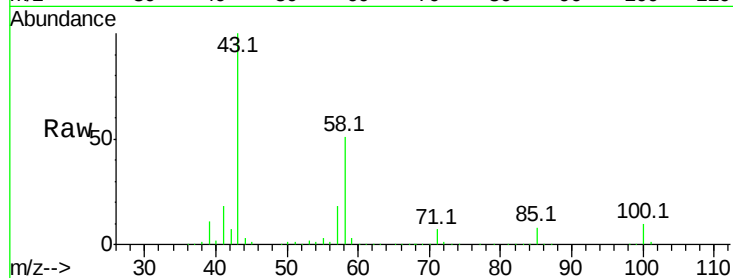




#59
2-Hexanone
Concen: 104.099 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000208.D
Acq: 07 Mar 2018 13:01

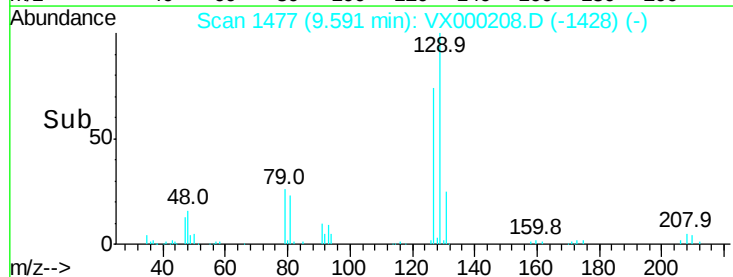
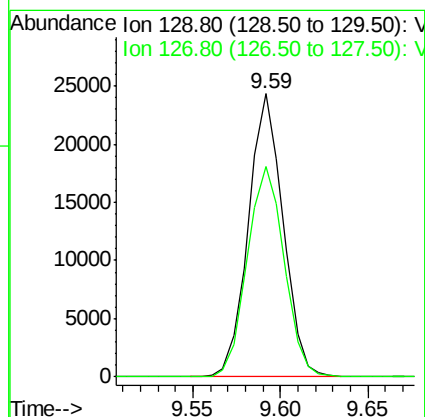
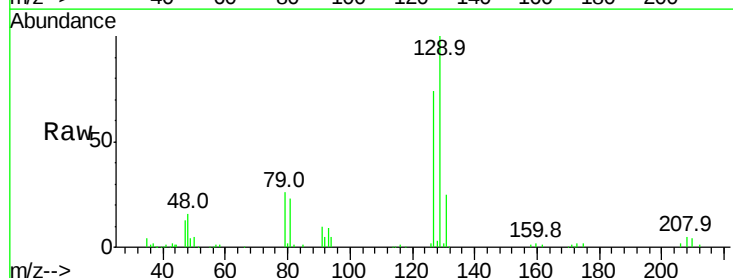
Instrument :
MSVOA_X
ClientSampleId :

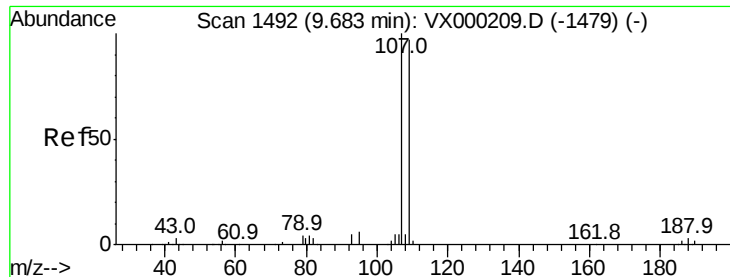
Tot Ion: 43 Resp: 272353
Ion Ratio Lower Upper
43 100
58 52.1 26.6 79.7



#60
Dibromochloromethane
Concen: 18.030 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000208.D
Acq: 07 Mar 2018 13:01

Tgt Ion:129 Resp: 33551
Ion Ratio Lower Upper
129 100
127 78.8 39.1 117.2





#61

1,2-Dibromoethane

Concen: 19.423 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

Instrument :

MSVOA_X

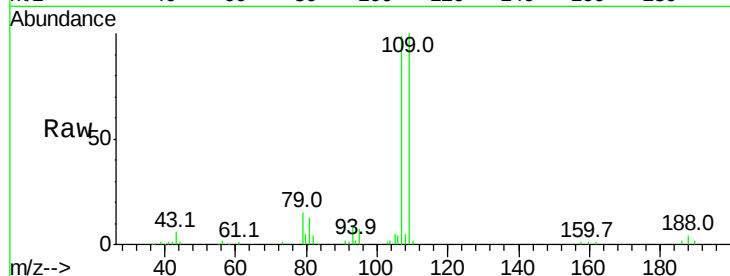
ClientSampled :

Tot Ion:107 Resp: 35824

Ion Ratio Lower Upper

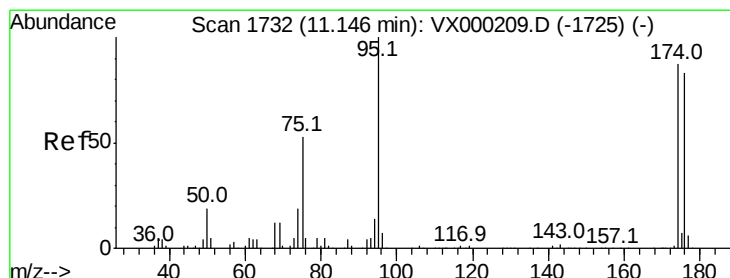
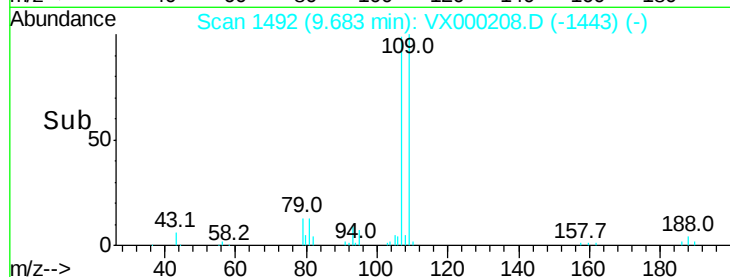
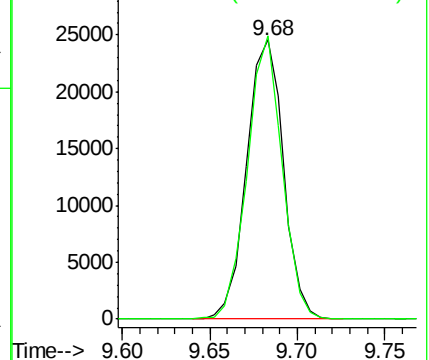
107 100

109 95.6 76.8 115.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 20.577 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

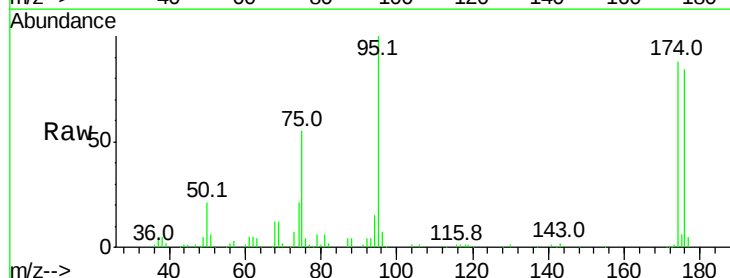
Tgt Ion: 95 Resp: 47537

Ion Ratio Lower Upper

95 100

174 86.6 0.0 175.6

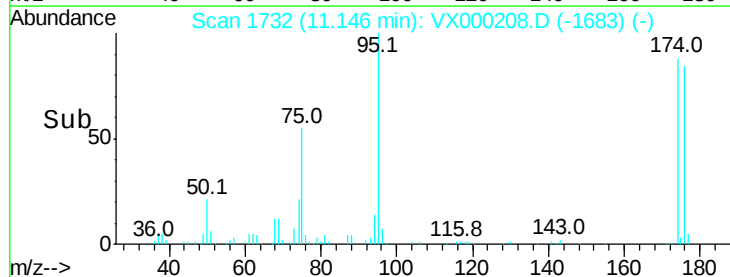
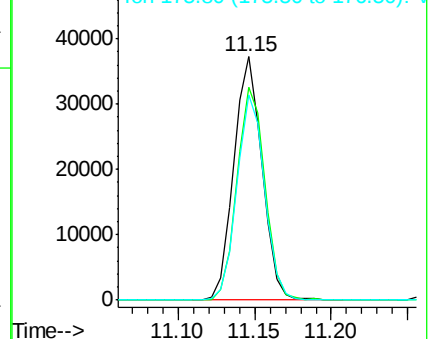
176 82.5 0.0 171.0

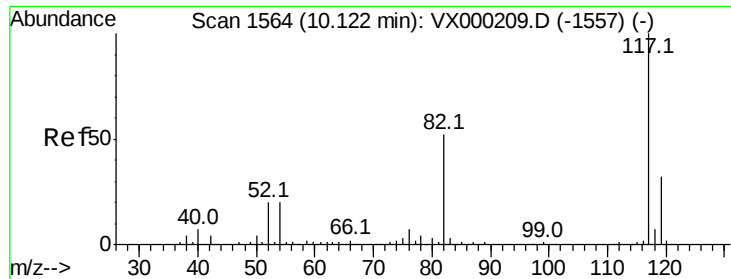


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

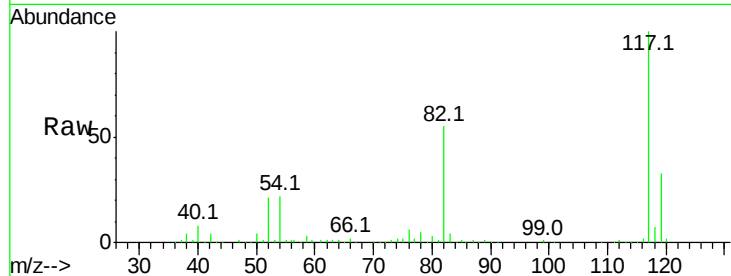




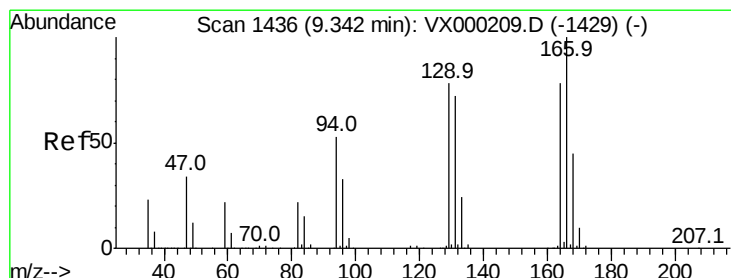
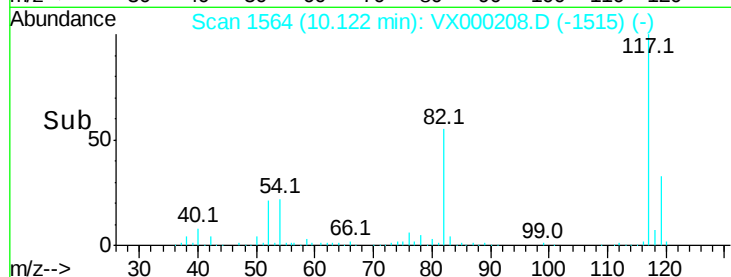
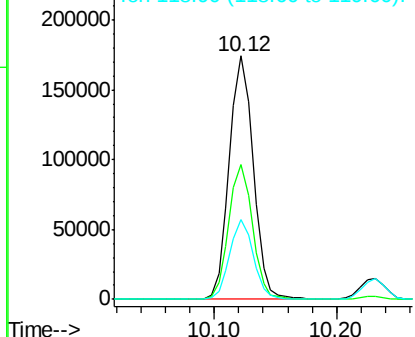
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000208.D
Acq: 07 Mar 2018 13:01

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 237374
Ion Ratio Lower Upper
117 100
82 55.1 42.0 63.0
119 32.6 25.3 37.9



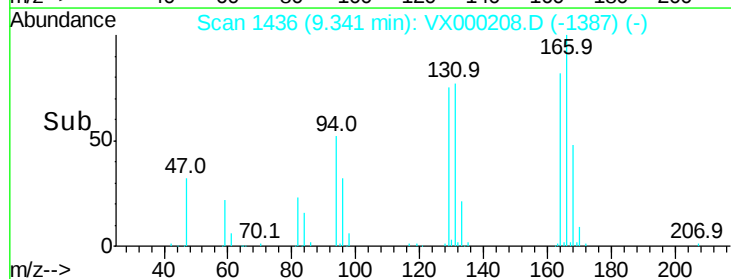
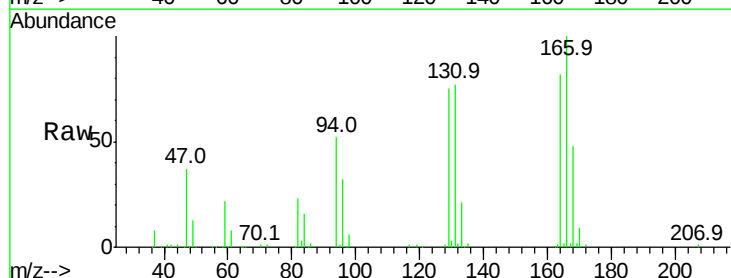
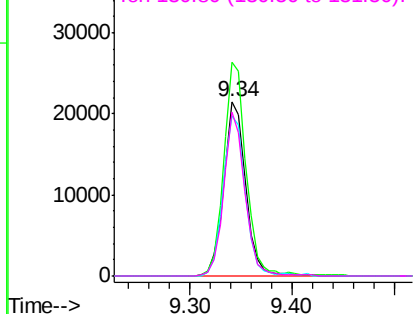
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

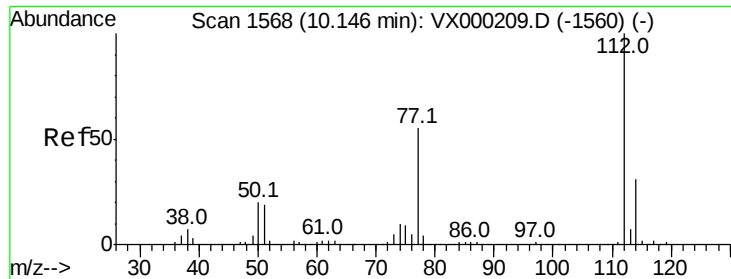


#64
Tetrachloroethene
Concen: 18.863 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000208.D
Acq: 07 Mar 2018 13:01

Tgt Ion:164 Resp: 32062
Ion Ratio Lower Upper
164 100
166 122.2 103.0 154.6
129 91.8 80.2 120.4
131 94.1 74.2 111.4

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

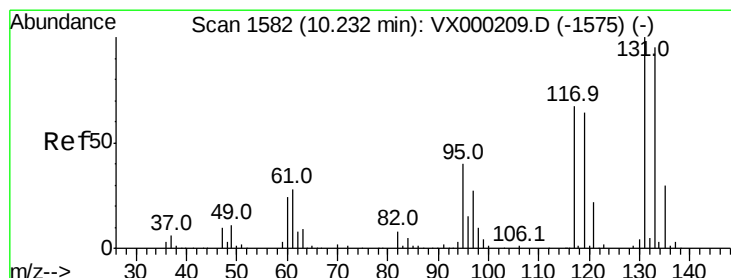
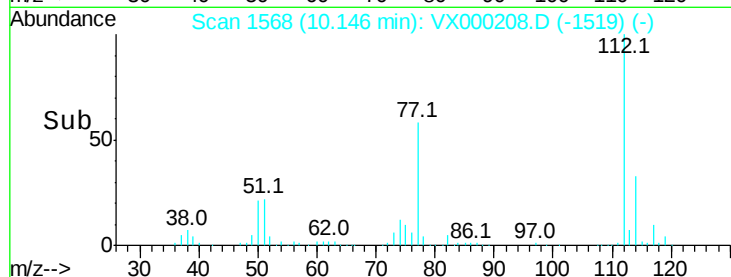
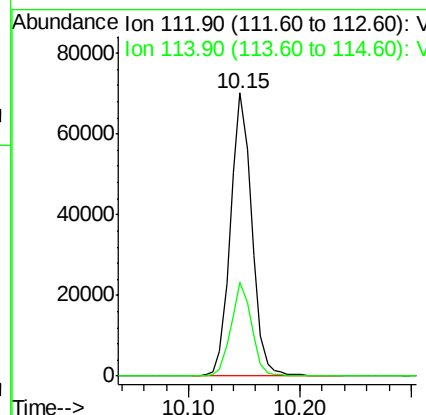
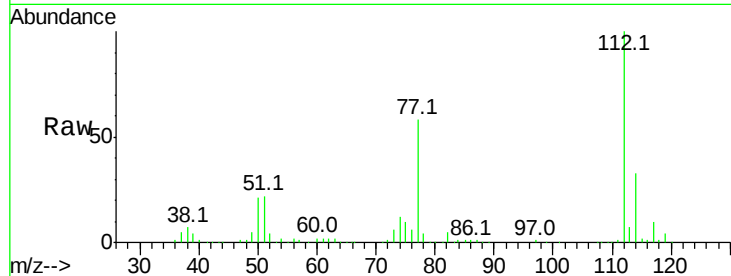




#65
Chlorobenzene
Concen: 18.685 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000208.D
Acq: 07 Mar 2018 13:01

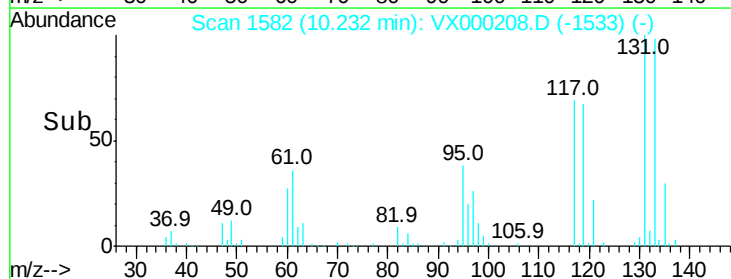
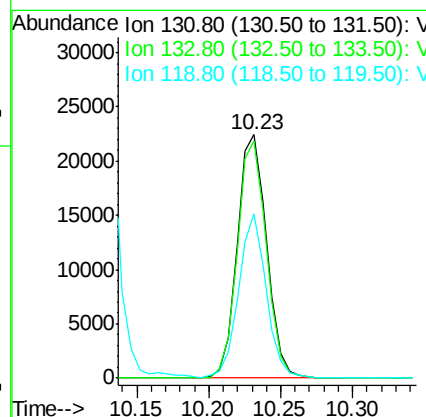
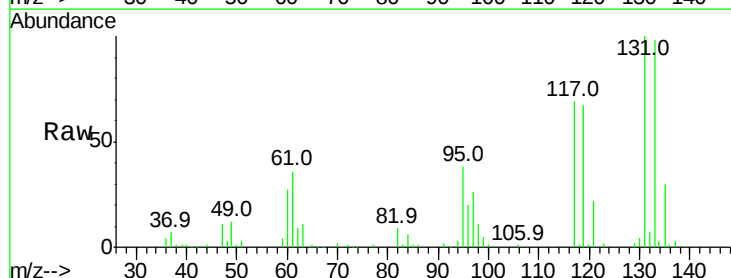
Instrument :
MSVOA_X
ClientSampled :

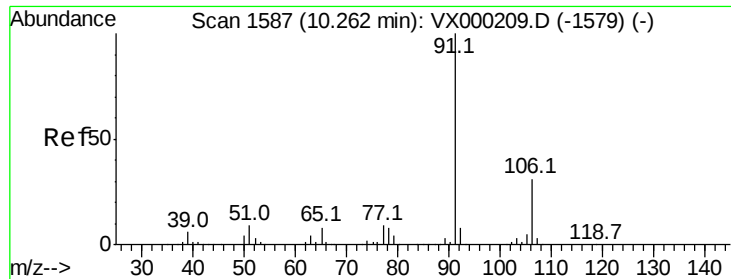
Tot Ion:112 Resp: 93209
Ion Ratio Lower Upper
112 100
114 33.1 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 18.486 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000208.D
Acq: 07 Mar 2018 13:01

Tgt Ion:131 Resp: 31966
Ion Ratio Lower Upper
131 100
133 95.9 48.3 144.9
119 63.5 32.3 96.8





#67

Ethyl Benzene

Concen: 19.349 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. -0.00 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

Instrument :

MSVOA_X

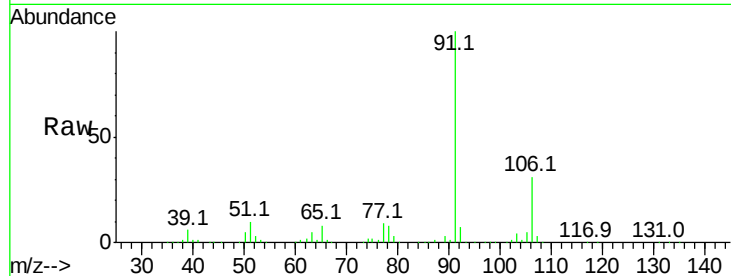
ClientSampled :

Tot Ion: 91 Resp: 162686

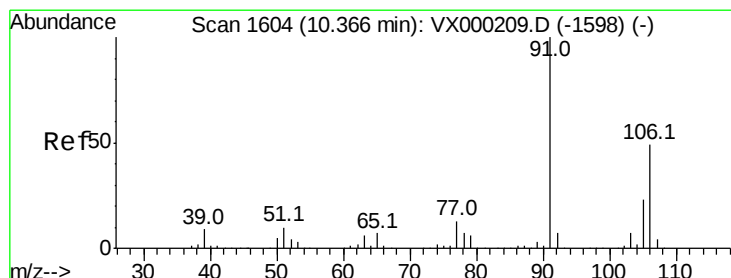
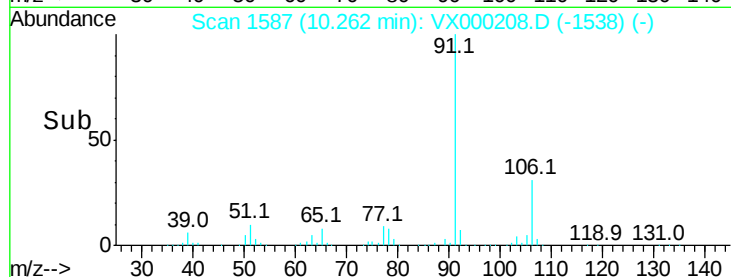
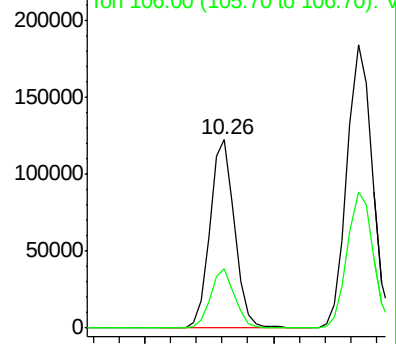
Ion Ratio Lower Upper

91 100

106 31.3 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VX000209.D (-1579) (-)



#68

m/p-Xylenes

Concen: 36.901 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX000208.D

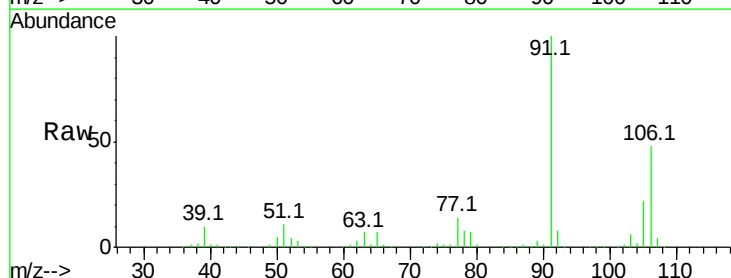
Acq: 07 Mar 2018 13:01

Tgt Ion: 106 Resp: 122977

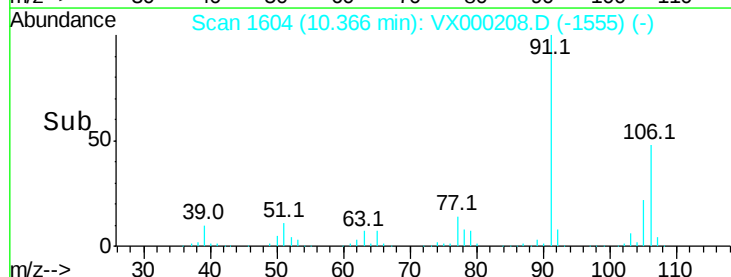
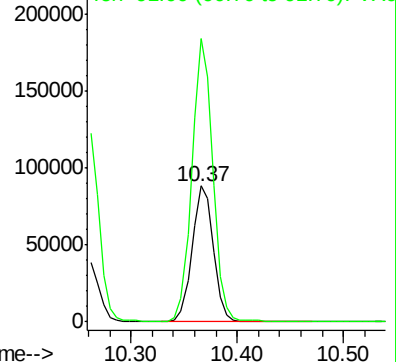
Ion Ratio Lower Upper

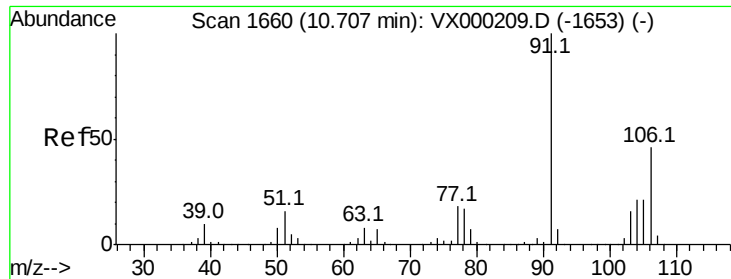
106 100

91 203.8 160.9 241.3



Abundance Ion 106.00 (105.70 to 106.70): VX000209.D (-1598) (-)

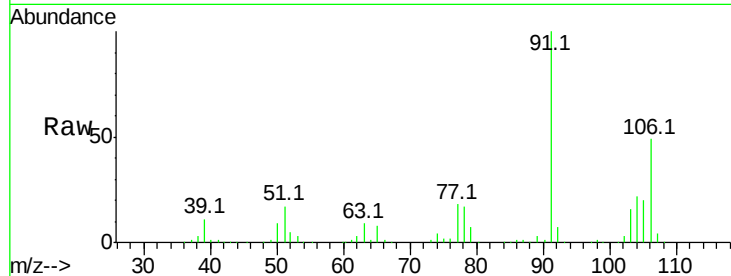




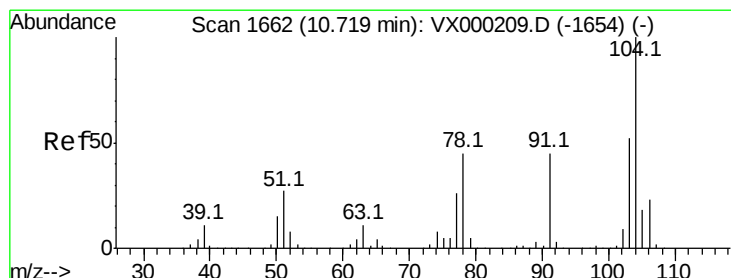
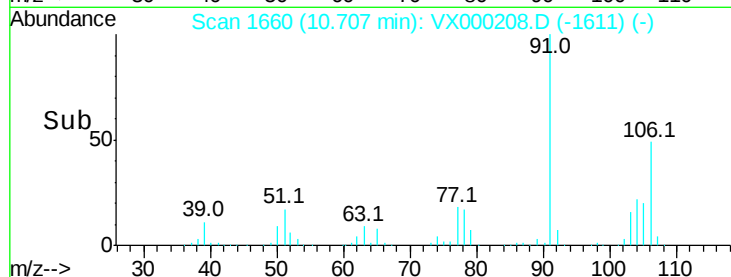
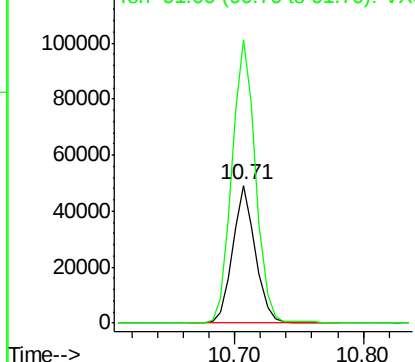
#69
o-Xylene
Concen: 18.796 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000208.D
Acq: 07 Mar 2018 13:01

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 60192
Ion Ratio Lower Upper
106 100
91 215.7 105.9 317.7

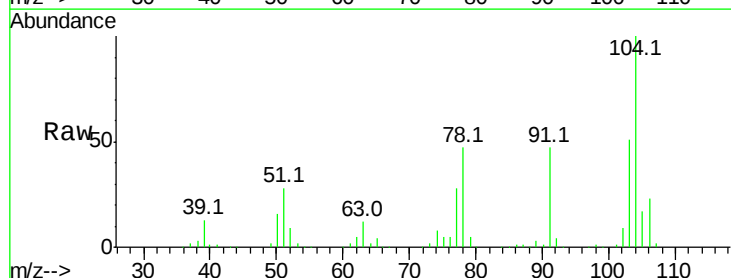


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

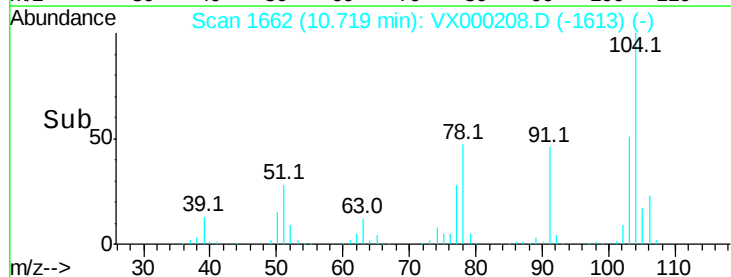
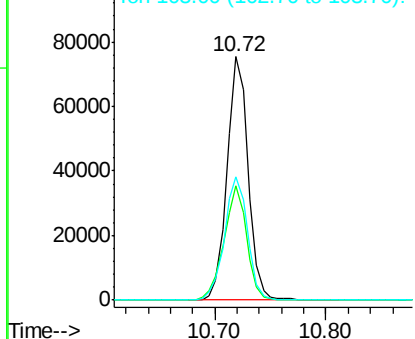


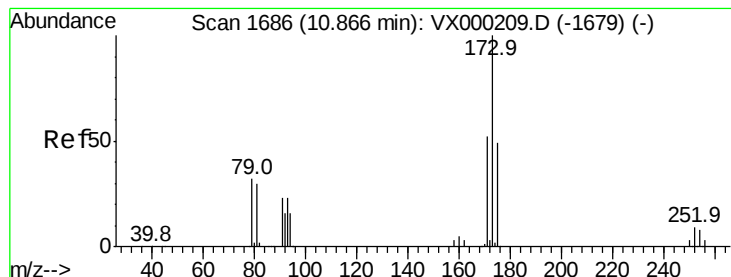
#70
Styrene
Concen: 18.847 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000208.D
Acq: 07 Mar 2018 13:01

Tgt Ion:104 Resp: 98985
Ion Ratio Lower Upper
104 100
78 50.6 39.6 59.4
103 55.9 45.0 67.6



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





#71

Bromoform

Concen: 16.605 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

Instrument :

MSVOA_X

ClientSampled :

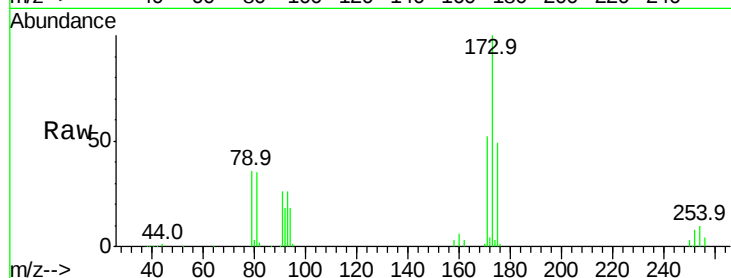
Tot Ion:173 Resp: 25888

Ion Ratio Lower Upper

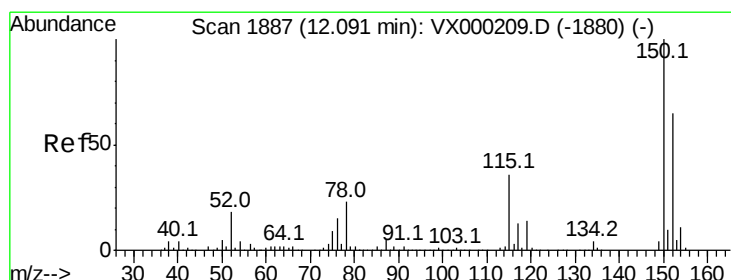
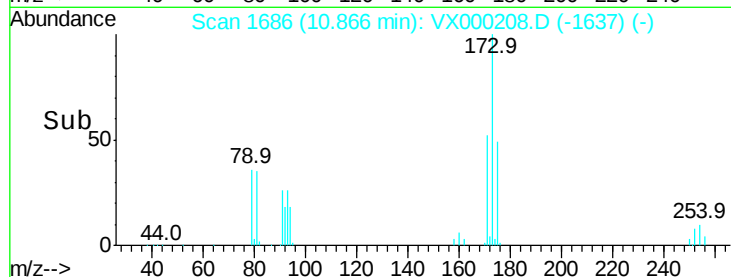
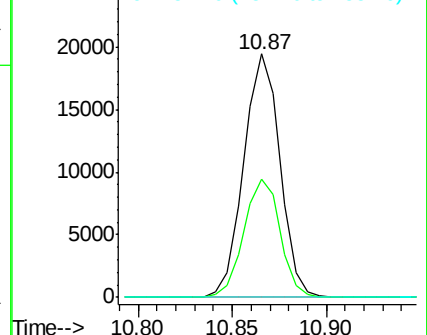
173 100

175 48.4 24.4 73.2

254 0.0 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.01 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

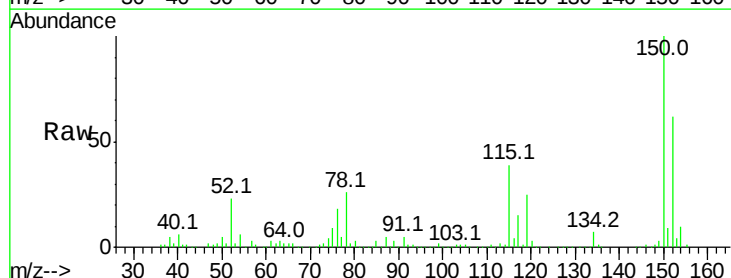
Tgt Ion:152 Resp: 135856

Ion Ratio Lower Upper

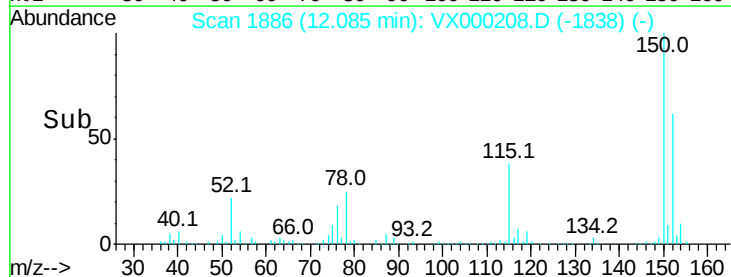
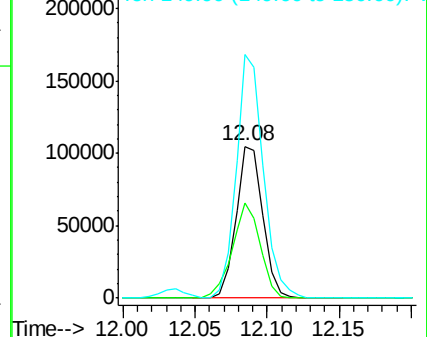
152 100

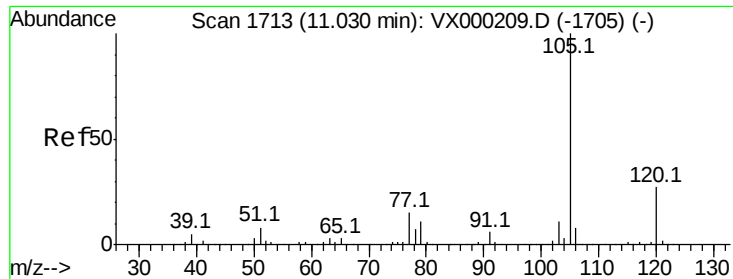
115 66.2 39.8 119.3

150 163.1 0.0 345.0



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: 19.153 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

Instrument :

MSVOA_X

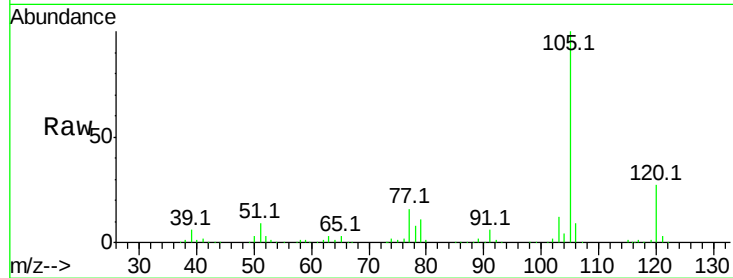
ClientSampled :

Tot Ion:105 Resp: 164069

Ion Ratio Lower Upper

105 100

120 26.6 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

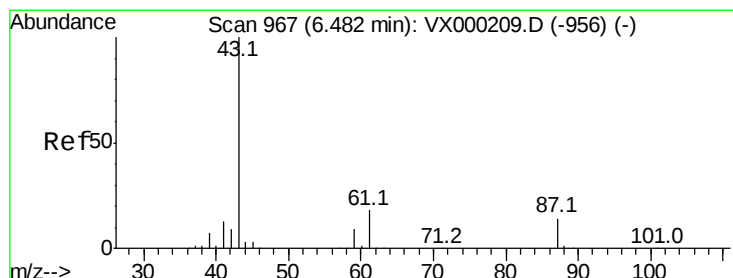
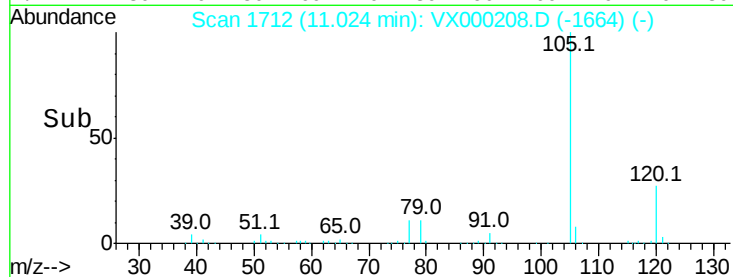
100000

50000

0

Time-->

11.00 11.10



#74

N-ethyl acetate

Concen: 19.030 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

Tgt Ion: 43 Resp: 81975

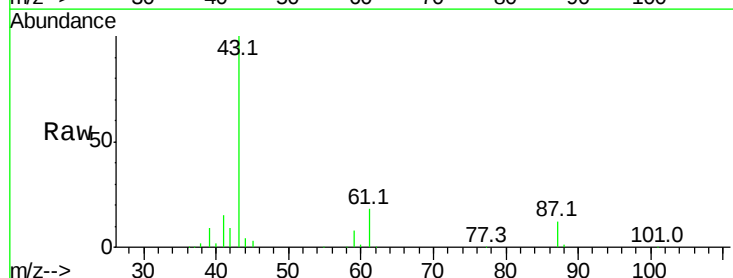
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 0.0 14.8 22.2#



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

50000

40000

30000

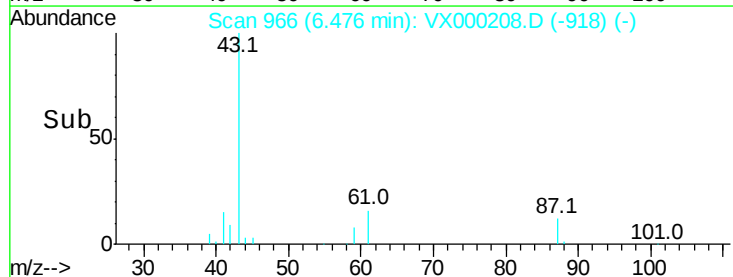
20000

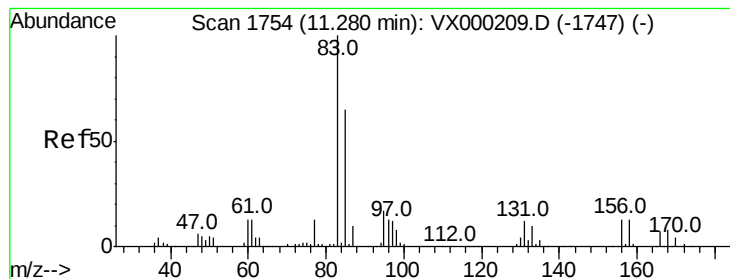
10000

0

Time-->

6.40 6.50 6.60





#75

1,1,2,2-Tetrachloroethane

Concen: 19.494 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.01 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

Instrument :

MSVOA_X

ClientSampled :

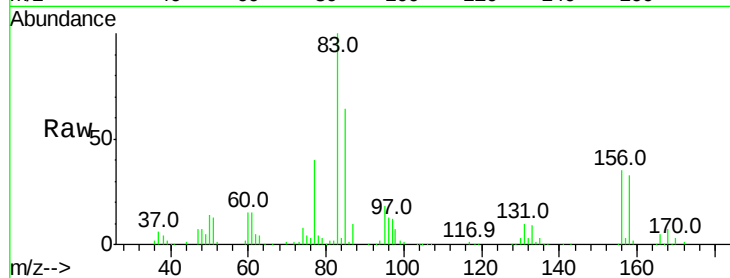
Tot Ion: 83 Resp: 58246

Ion Ratio Lower Upper

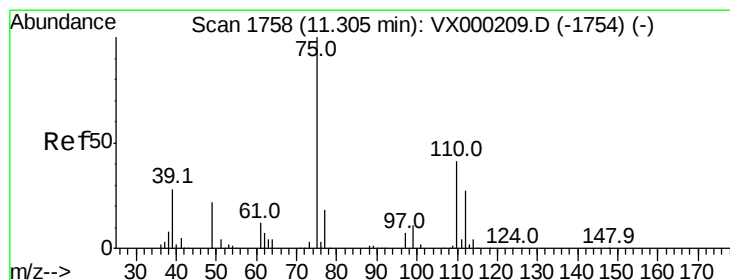
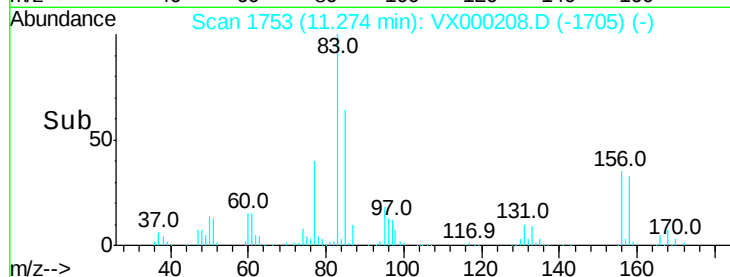
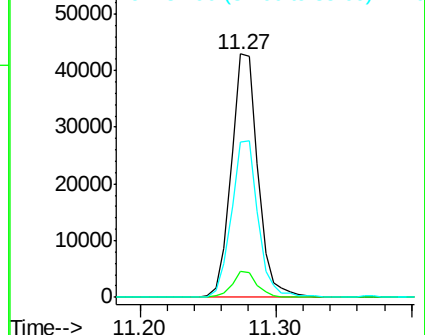
83 100

131 9.8 5.5 16.5

85 64.6 32.5 97.4



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: 25.180 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000208.D

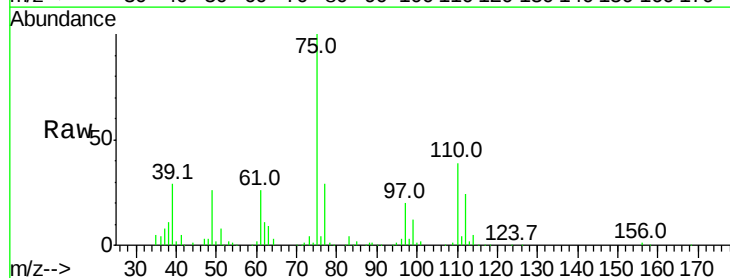
Acq: 07 Mar 2018 13:01

Tgt Ion: 75 Resp: 70260

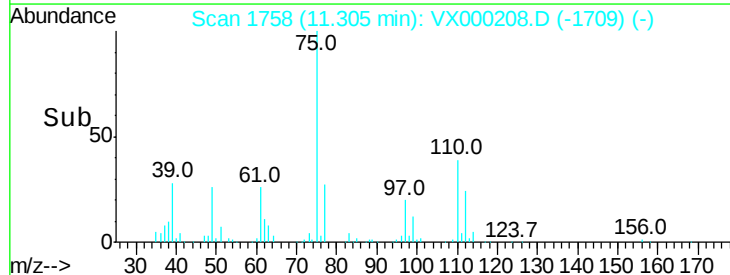
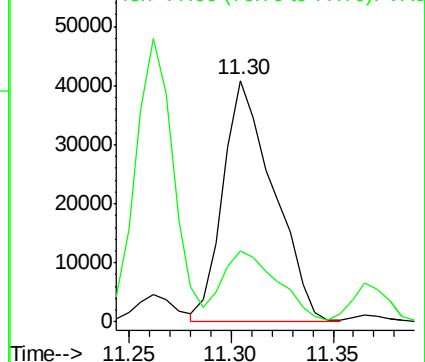
Ion Ratio Lower Upper

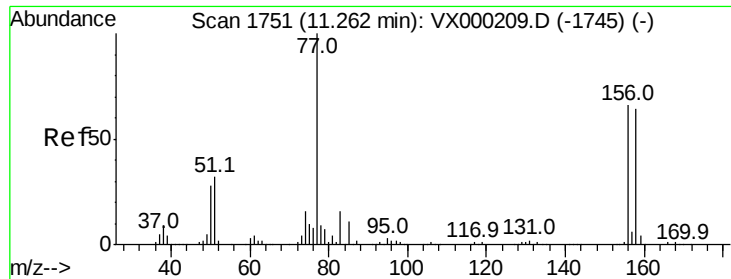
75 100

77 32.2 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 17.856 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

Instrument :

MSVOA_X

ClientSampleId :

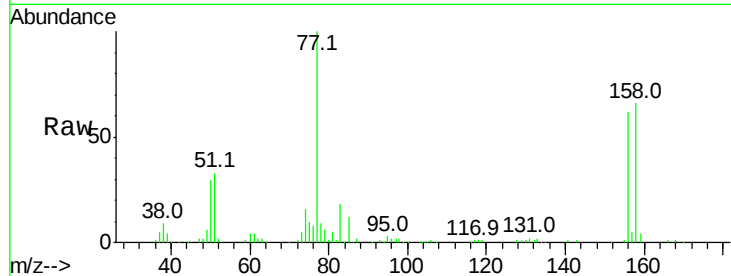
Tot Ion:156 Resp: 40971

Ion Ratio Lower Upper

156 100

77 150.2 71.9 215.7

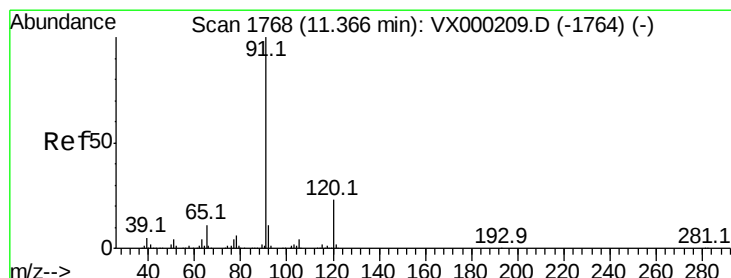
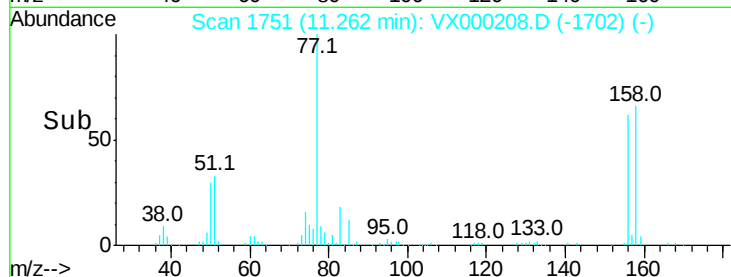
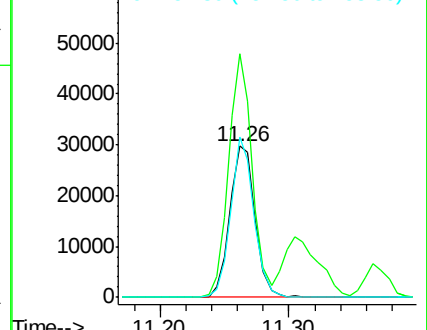
158 97.0 48.0 144.2



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: 19.417 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000208.D

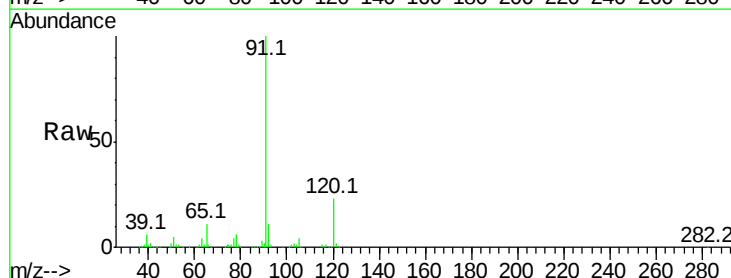
Acq: 07 Mar 2018 13:01

Tgt Ion: 91 Resp: 196193

Ion Ratio Lower Upper

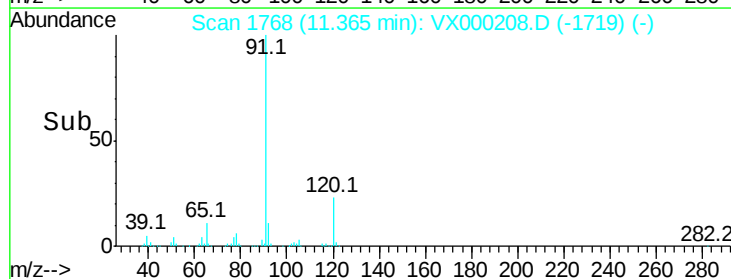
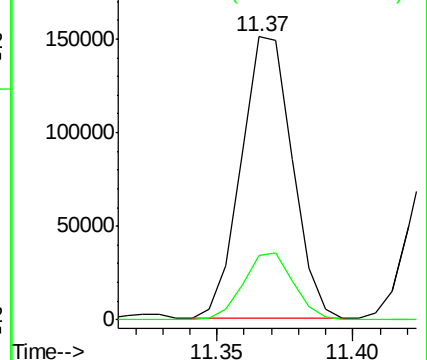
91 100

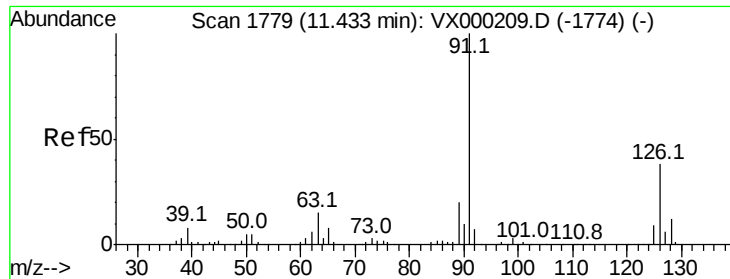
120 23.4 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.115 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

Instrument :

MSVOA_X

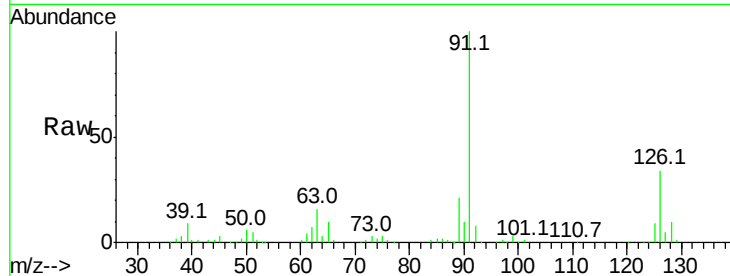
ClientSampleId :

Tot Ion: 91 Resp: 110131

Ion Ratio Lower Upper

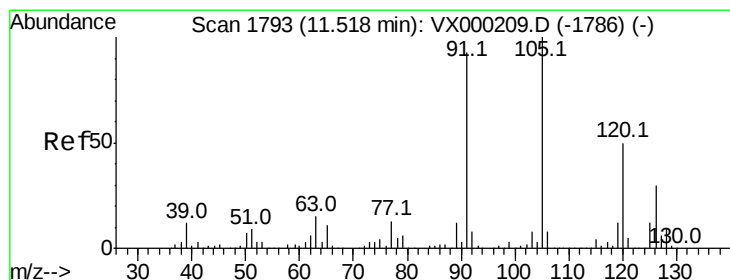
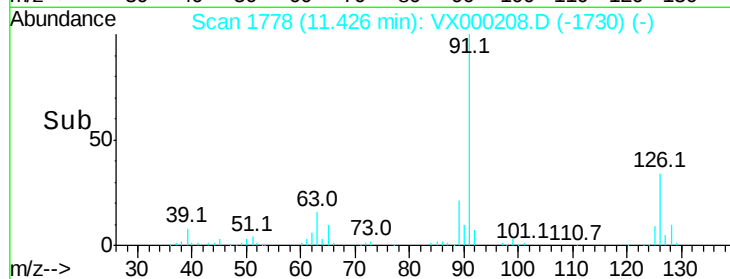
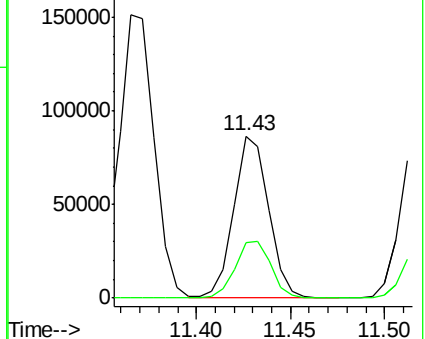
91 100

126 36.5 18.4 55.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.032 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX000208.D

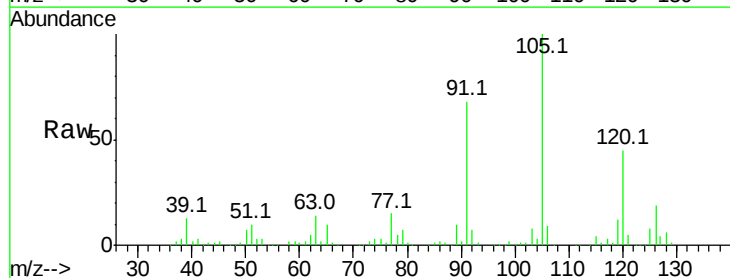
Acq: 07 Mar 2018 13:01

Tgt Ion:105 Resp: 137633

Ion Ratio Lower Upper

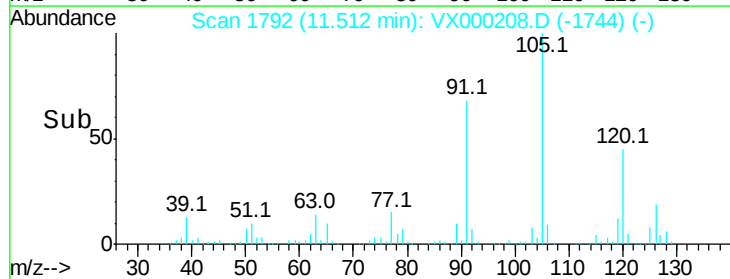
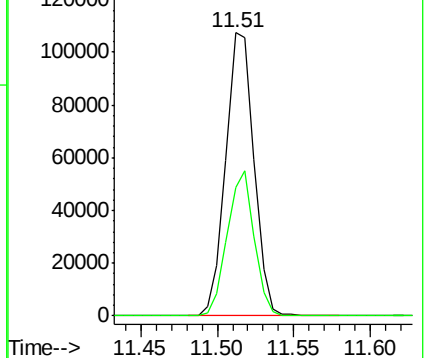
105 100

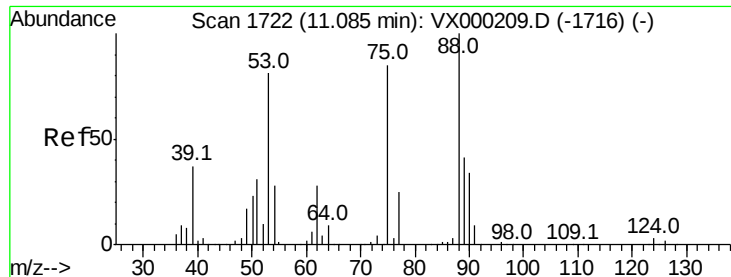
120 48.6 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 17.503 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. -0.00 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

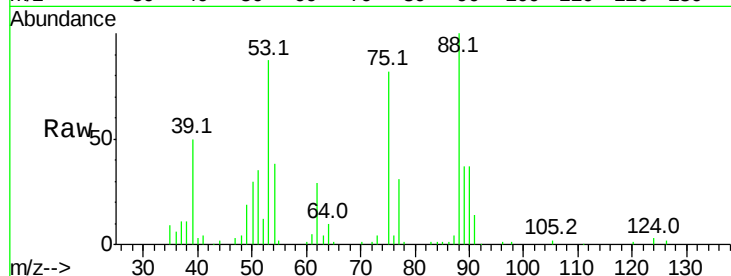
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 75 Resp: 16927

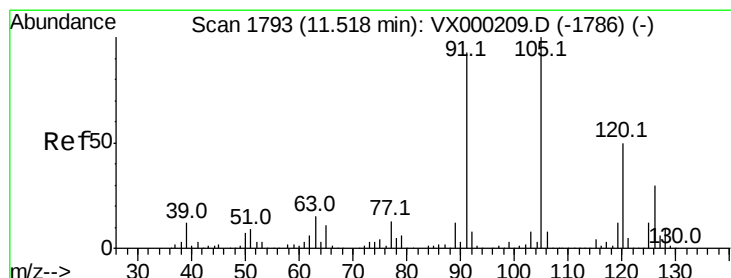
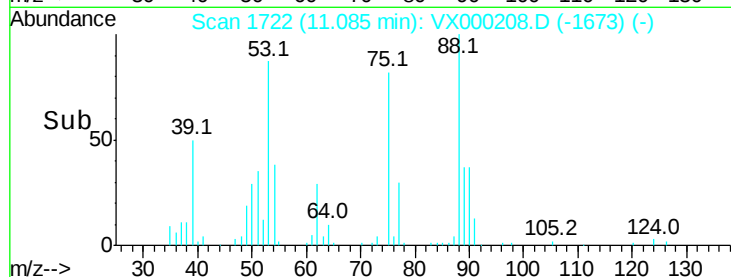
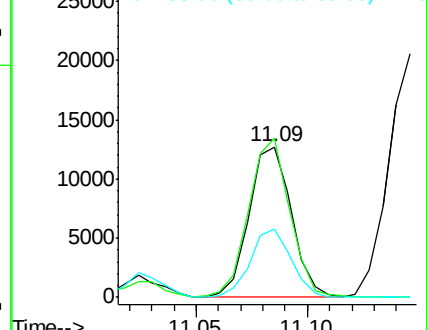
Ion	Ratio	Lower	Upper
75	100		
53	102.7	78.6	118.0
89	43.6	38.8	58.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.183 ug/l

RT: 11.52 min Scan# 1793

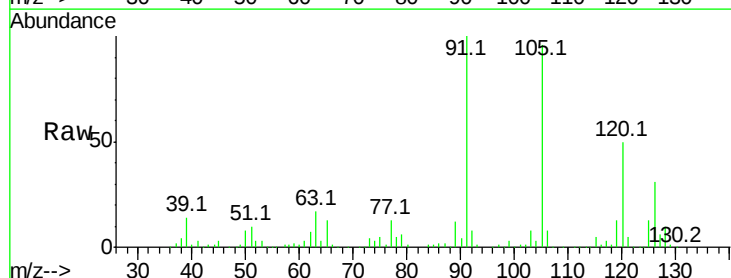
Delta R.T. -0.00 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

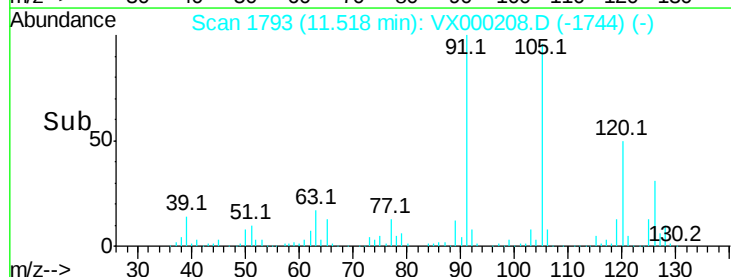
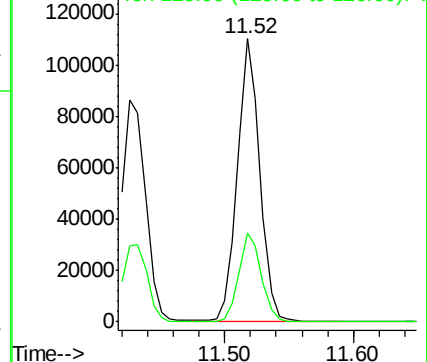
Tgt Ion: 91 Resp: 134631

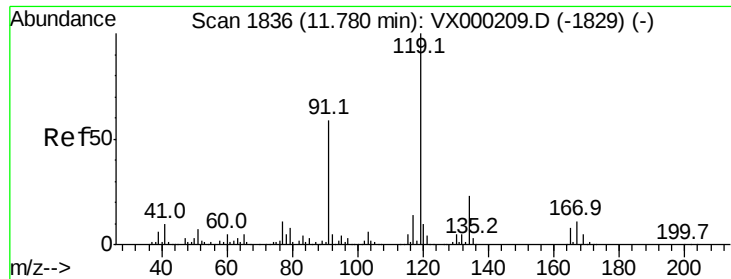
Ion	Ratio	Lower	Upper
91	100		
126	31.4	16.0	48.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 18.283 ug/l

RT: 11.78 min Scan# 1836

Delta R.T. -0.00 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

Instrument :

MSVOA_X

ClientSampled :

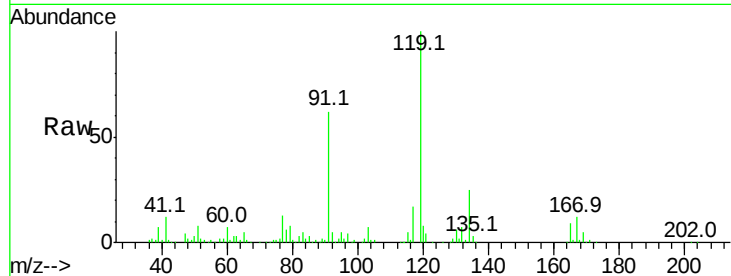
Tot Ion:119 Resp: 133618

Ion Ratio Lower Upper

119 100

91 60.4 28.9 86.7

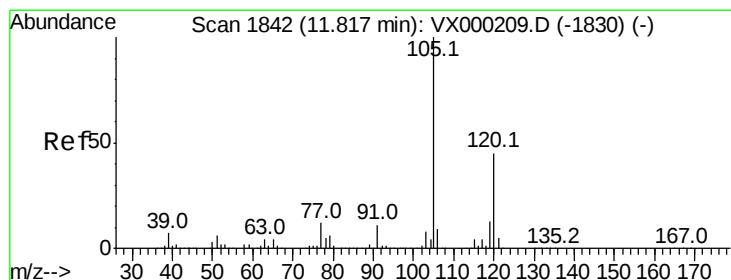
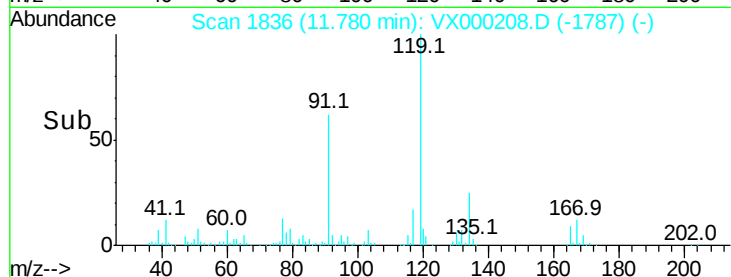
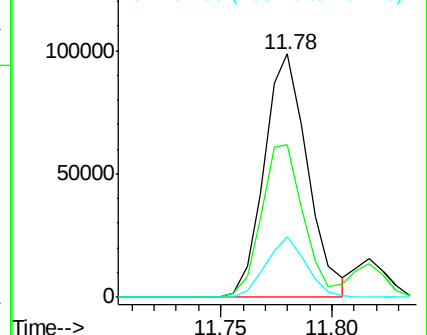
134 23.2 11.5 34.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.325 ug/l

RT: 11.82 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX000208.D

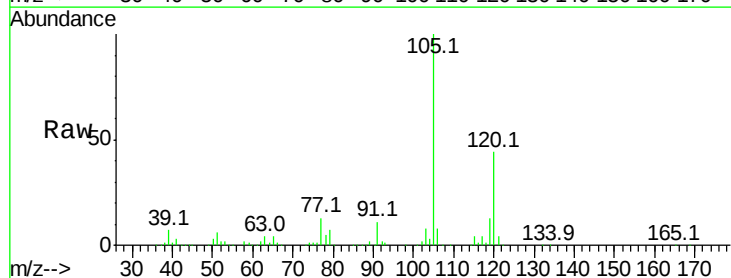
Acq: 07 Mar 2018 13:01

Tgt Ion:105 Resp: 145377

Ion Ratio Lower Upper

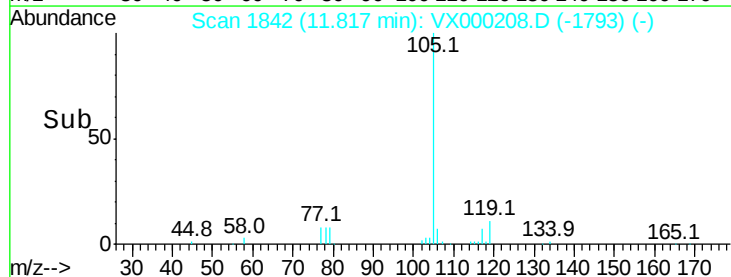
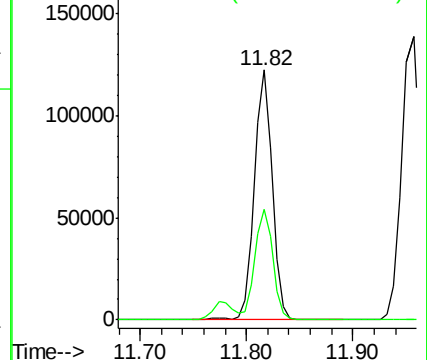
105 100

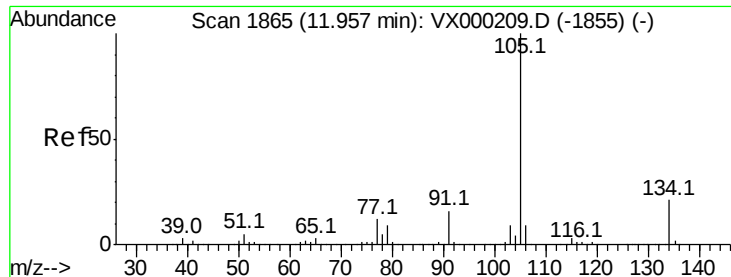
120 44.9 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.097 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

Instrument :

MSVOA_X

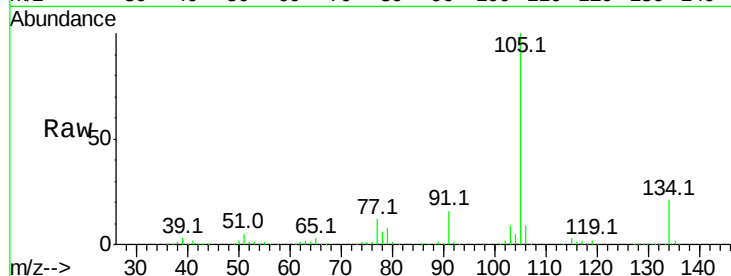
ClientSampleId :

Tot Ion:105 Resp: 173683

Ion Ratio Lower Upper

105 100

134 20.3 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.96

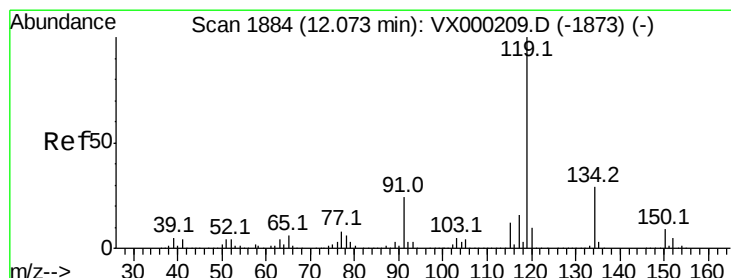
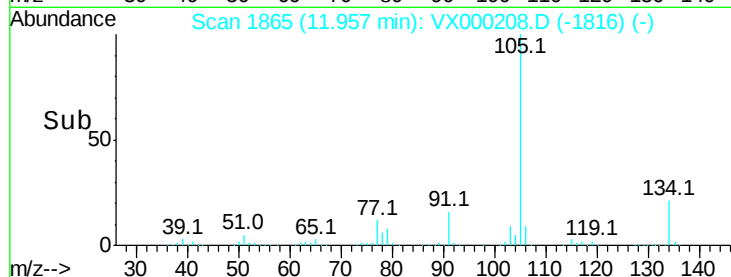
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 18.795 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

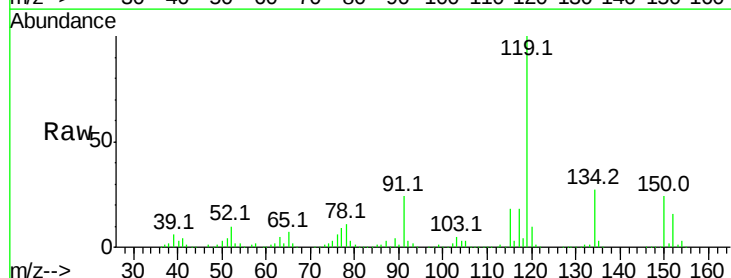
Tgt Ion:119 Resp: 152269

Ion Ratio Lower Upper

119 100

134 26.4 13.8 41.3

91 24.6 12.0 36.0



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

12.07

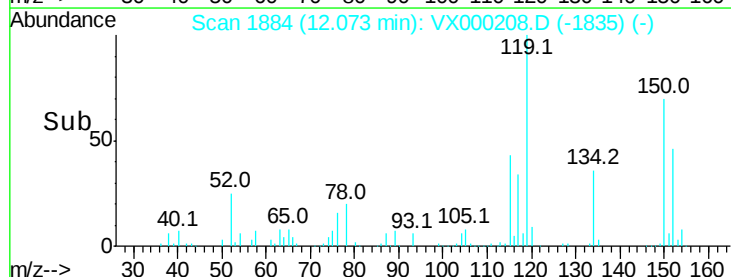
150000

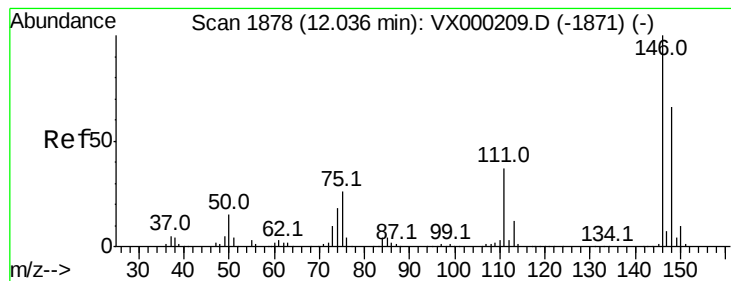
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 18.046 ug/l

RT: 12.04 min Scan# 1878

Delta R.T. -0.00 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

Instrument :

MSVOA_X

ClientSampleId :

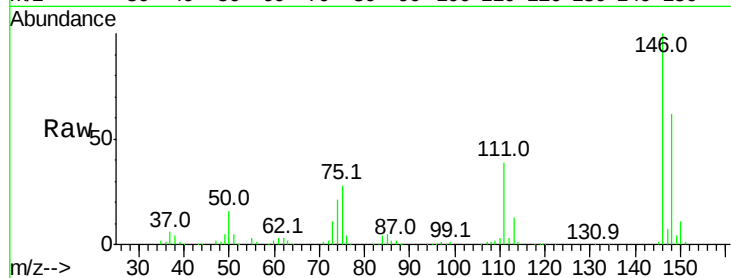
Tot Ion:146 Resp: 80114

Ion Ratio Lower Upper

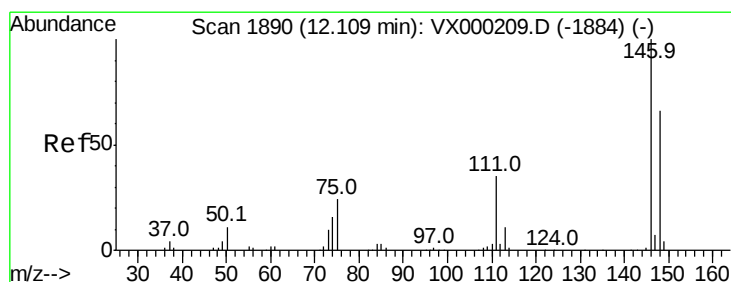
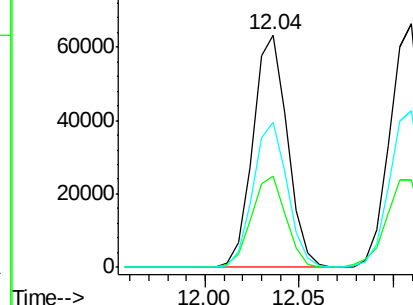
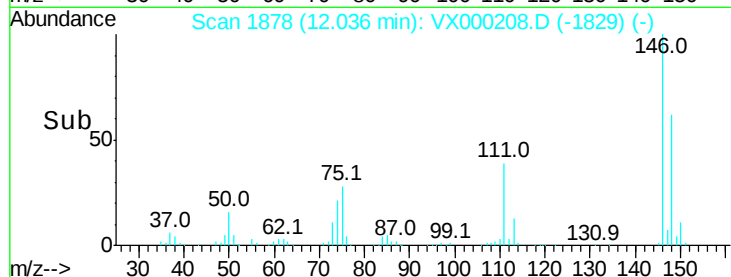
146 100

111 39.3 19.0 57.0

148 62.0 32.1 96.3



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



#88

1,4-Dichlorobenzene

Concen: 17.846 ug/l

RT: 12.11 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

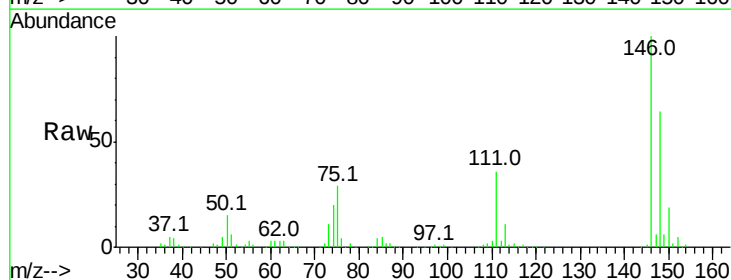
Tgt Ion:146 Resp: 81860

Ion Ratio Lower Upper

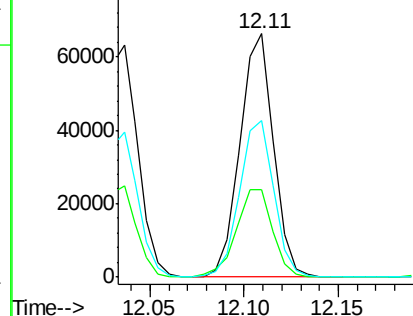
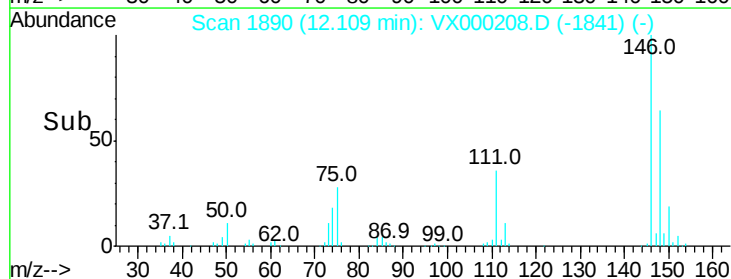
146 100

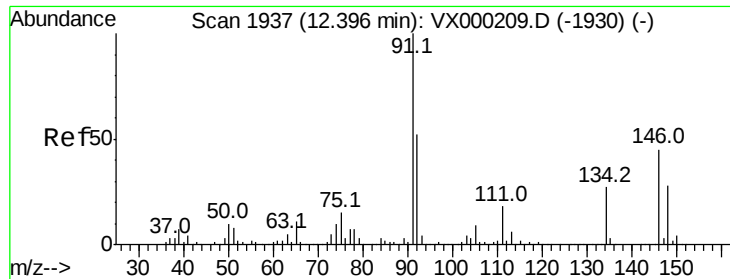
111 39.4 18.9 56.9

148 65.8 32.6 97.8



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

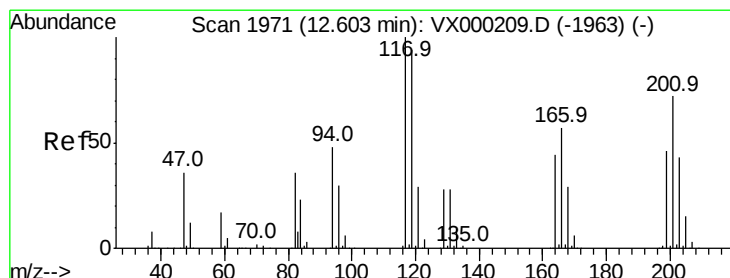
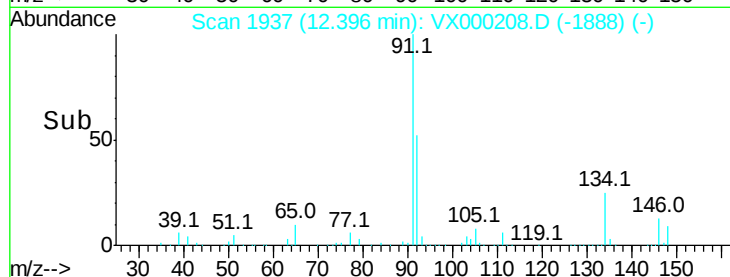
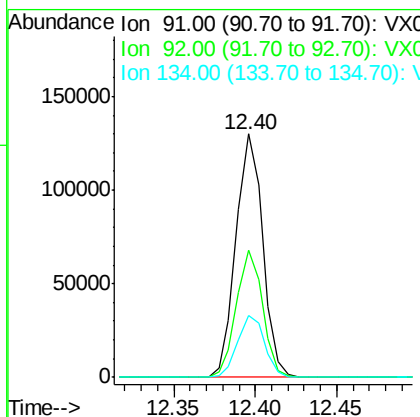
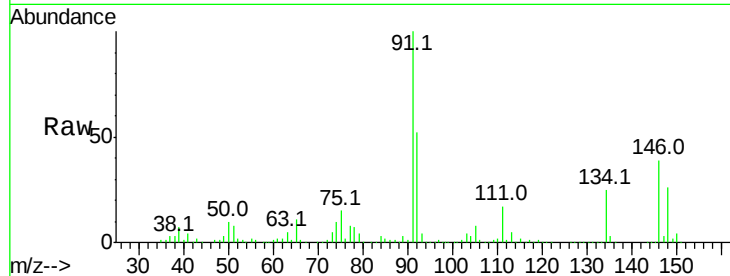




#89
n-Butylbenzene
Concen: 19.294 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000208.D
Acq: 07 Mar 2018 13:01

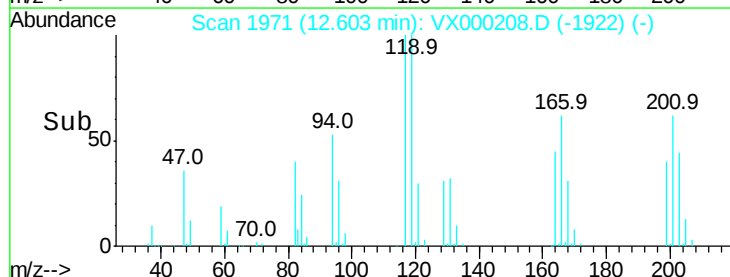
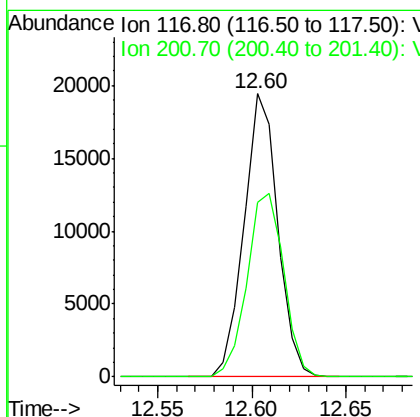
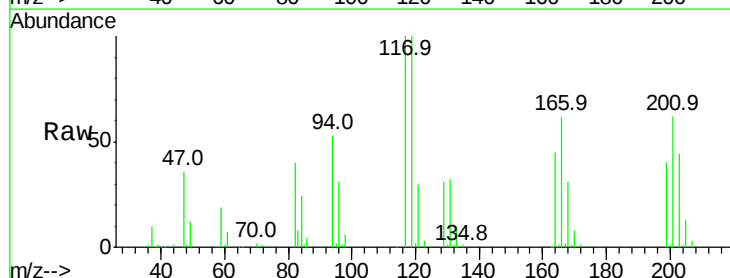
Instrument :
MSVOA_X
ClientSampled :

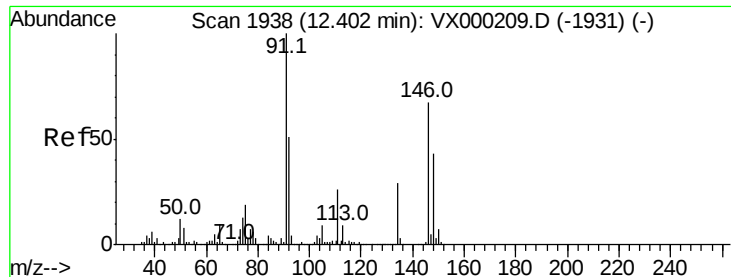
Tot Ion: 91 Resp: 148304
Ion Ratio Lower Upper
91 100
92 51.3 25.8 77.4
134 25.9 13.5 40.5



#90
Hexachloroethane
Concen: 18.412 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000208.D
Acq: 07 Mar 2018 13:01

Tgt Ion: 117 Resp: 24106
Ion Ratio Lower Upper
117 100
201 70.5 38.2 114.6





#91

1,2-Dichlorobenzene

Concen: 18.051 ug/l

RT: 12.40 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

Instrument :

MSVOA_X

ClientSampleId :

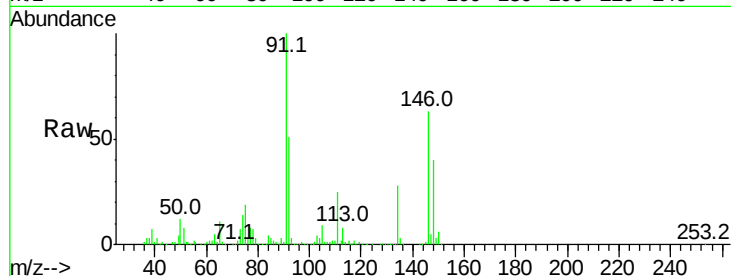
Tot Ion:146 Resp: 78967

Ion Ratio Lower Upper

146 100

111 41.0 19.7 59.0

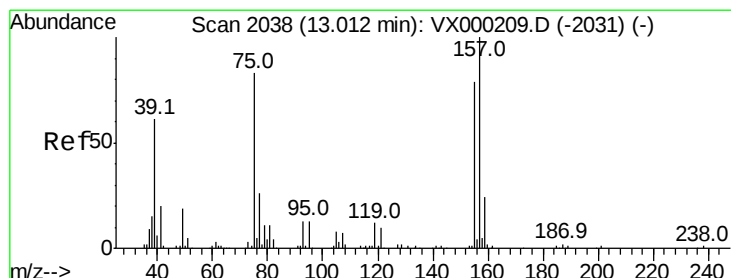
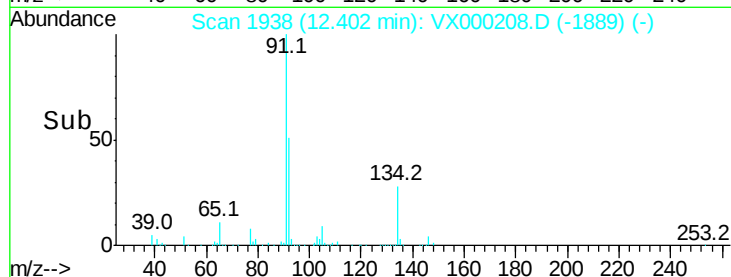
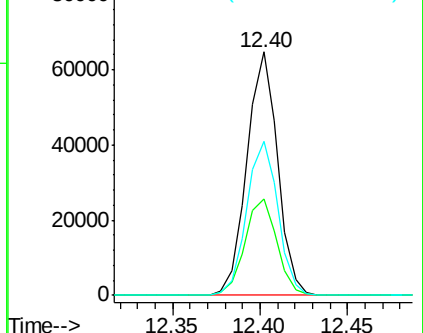
148 64.3 32.0 96.0



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: 19.954 ug/l

RT: 13.01 min Scan# 2038

Delta R.T. -0.00 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

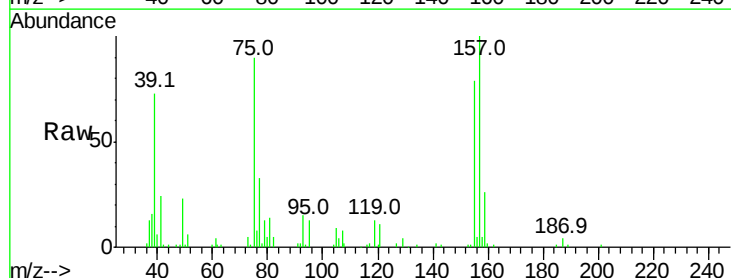
Tgt Ion: 75 Resp: 16514

Ion Ratio Lower Upper

75 100

155 85.2 45.5 136.5

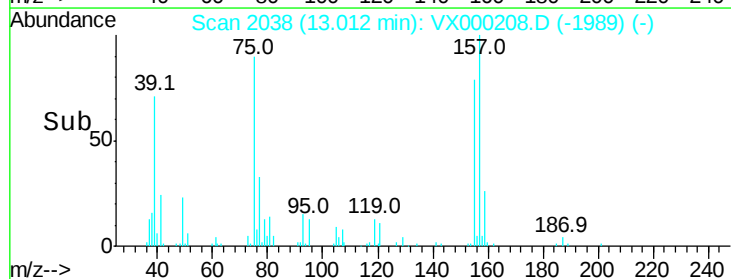
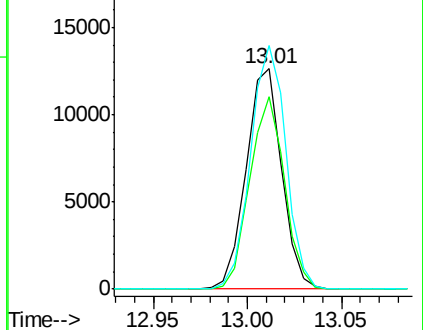
157 109.7 58.6 175.8

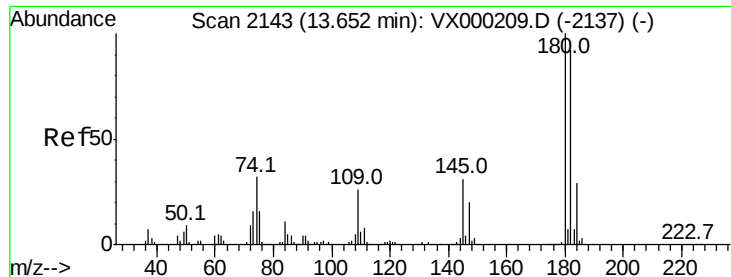


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

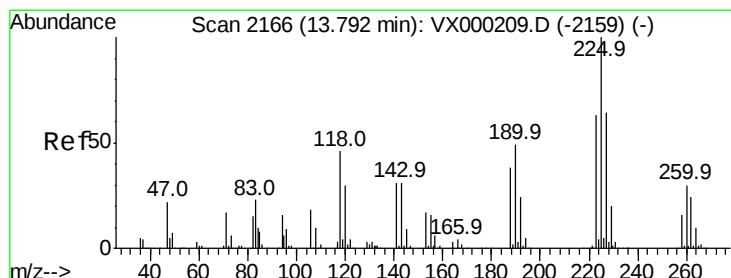
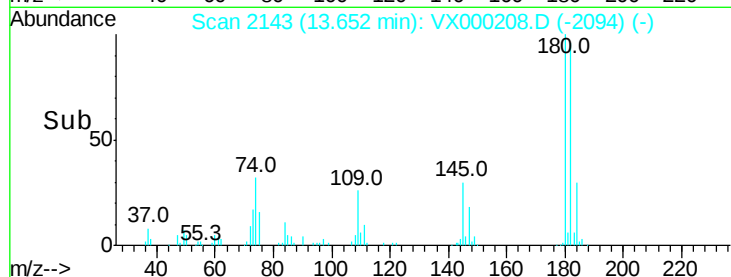
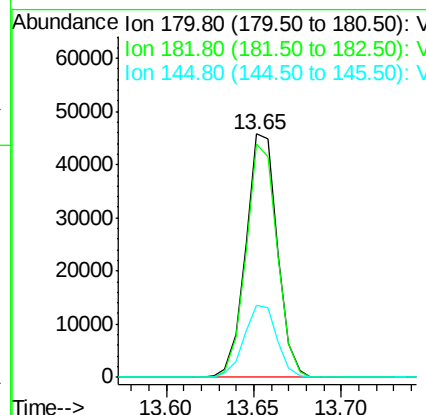
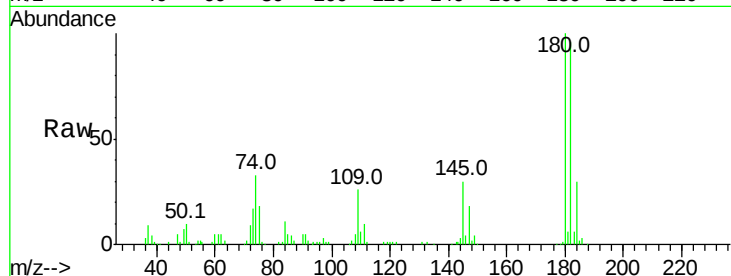




#93
 1,2,4-Trichlorobenzene
 Concen: 17.627 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000208.D
 Acq: 07 Mar 2018 13:01

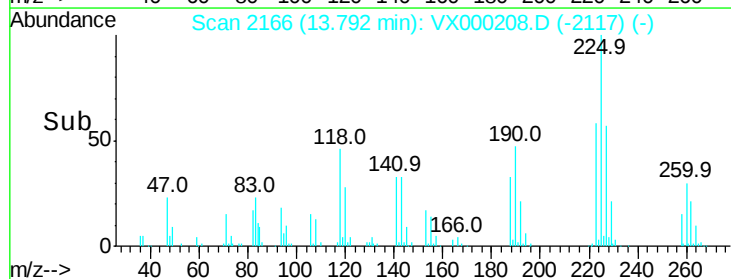
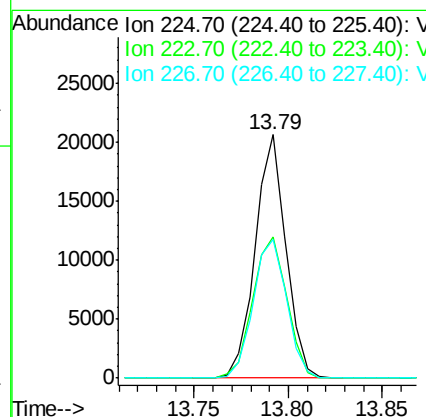
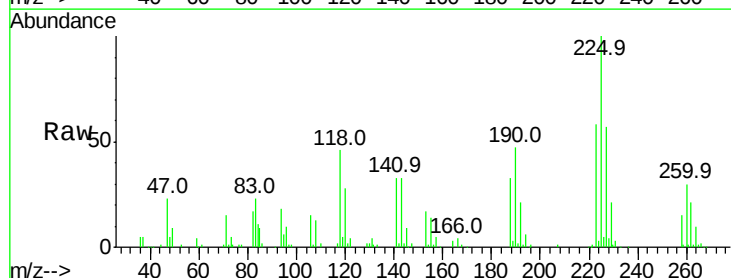
Instrument :
 MSVOA_X
 ClientSampleId :

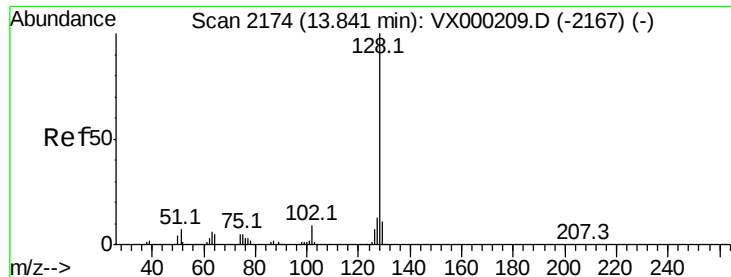
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.0	141.0
145	30.5	15.3	45.9



#94
 Hexachlorobutadiene
 Concen: 16.656 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000208.D
 Acq: 07 Mar 2018 13:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	31.8	95.3
227	61.8	31.9	95.5





#95

Naphthalene

Concen: 18.643 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

Instrument :

MSVOA_X

ClientSampleId :

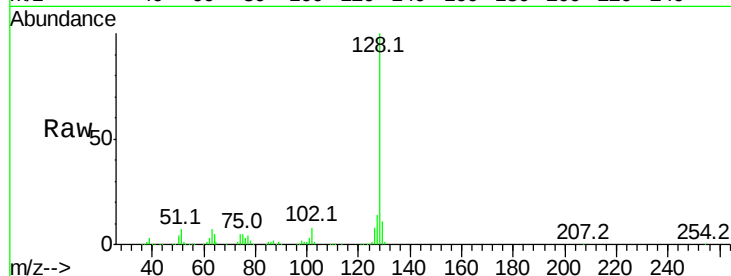
Tot Ion:128 Resp: 206554

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

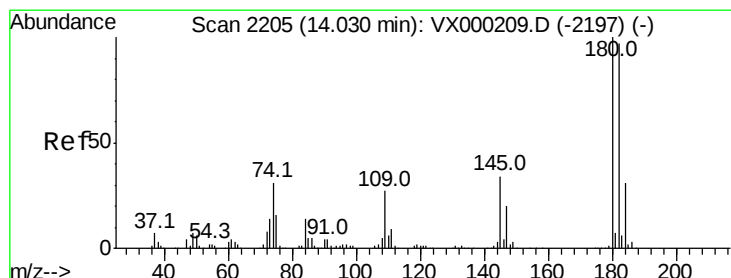
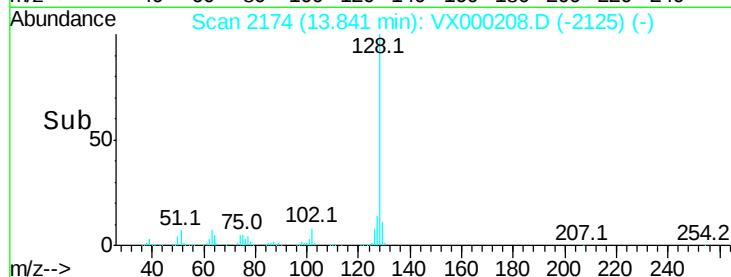
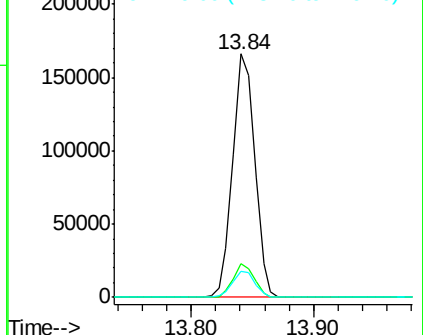
129 10.8 8.6 13.0



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: 17.743 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

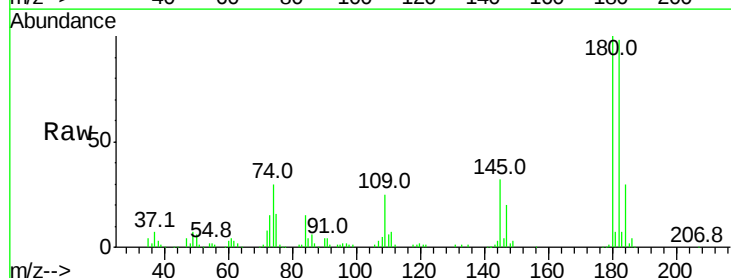
Tgt Ion:180 Resp: 56766

Ion Ratio Lower Upper

180 100

182 95.4 48.0 144.0

145 31.2 16.3 48.8



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

