

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070518\
 Data File : VX003206.D
 Acq On : 06 Jul 2018 07:15
 Operator : JC/MD
 Sample : J3844-06MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 06 07:37:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	247434	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	352036	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	332683	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	208785	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	147800	43.22	ug/l	0.00
Spiked Amount 50.000			Recovery =	86.44%		
35) Dibromofluoromethane	5.51	113	133429	47.86	ug/l	0.00
Spiked Amount 50.000			Recovery =	95.72%		
50) Toluene-d8	8.72	98	409270	40.20	ug/l	0.00
Spiked Amount 50.000			Recovery =	80.40%		
62) 4-Bromofluorobenzene	11.14	95	178087	45.36	ug/l	0.00
Spiked Amount 50.000			Recovery =	90.72%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	110901	50.20	ug/l	98
3) Chloromethane	1.32	50	114669	49.99	ug/l	98
4) Vinyl Chloride	1.40	62	141936	50.72	ug/l	98
5) Bromomethane	1.64	94	39089	28.77	ug/l	97
6) Chloroethane	1.72	64	90380	55.28	ug/l	98
7) Trichlorofluoromethane	1.93	101	230239	48.78	ug/l	100
8) Diethyl Ether	2.19	74	90436	52.70	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	128082	46.83	ug/l	96
10) Methyl Iodide	2.51	142	169824	59.83	ug/l	97
11) Tert butyl alcohol	3.08	59	173580	254.78	ug/l	98
12) 1,1-Dichloroethene	2.37	96	123870	50.76	ug/l	92
13) Acrolein	2.29	56	103746	274.25	ug/l	99
14) Allyl chloride	2.73	41	227481	47.29	ug/l	95
15) Acrylonitrile	3.15	53	402278	276.44	ug/l	99
16) Acetone	2.45	43	369950	261.20	ug/l	96
17) Carbon Disulfide	2.57	76	315448	48.52	ug/l	98
18) Methyl Acetate	2.78	43	227014	57.33	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	463380	52.82	ug/l	99
20) Methylene Chloride	2.86	84	144264	52.34	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	135075	50.82	ug/l	93
22) Diisopropyl ether	3.88	45	480463	52.25	ug/l	97
23) Vinyl Acetate	3.83	43	1668694	214.32	ug/l	98
24) 1,1-Dichloroethane	3.70	63	260637	52.15	ug/l	99
25) 2-Butanone	4.72	43	612305	291.30	ug/l	97
26) 2,2-Dichloropropane	4.59	77	82483	20.30	ug/l	89
27) cis-1,2-Dichloroethene	4.60	96	166667	55.93	ug/l	87
28) Bromochloromethane	5.03	49	112455	47.01	ug/l	91
29) Tetrahydrofuran	5.17	42	394223	292.46	ug/l	96
30) Chloroform	5.22	83	286648	55.89	ug/l	97
31) Cyclohexane	5.57	56	220558	51.42	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	248105	54.98	ug/l	99
36) 1,1-Dichloropropene	5.80	75	198532	51.43	ug/l	98
37) Ethyl Acetate	4.87	43	200559	48.25	ug/l	99
38) Carbon Tetrachloride	5.79	117	224519	53.00	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	207072	46.05	ug/l	96
40) Benzene	6.15	78	618748	55.16	ug/l	98
41) Methacrylonitrile	5.07	41	134103	56.03	ug/l	97
42) 1,2-Dichloroethane	6.21	62	231769	51.15	ug/l	98
43) Isopropyl Acetate	6.48	43	341318	48.96	ug/l	97
44) Trichloroethene	7.22	130	178066	53.25	ug/l	100
45) 1,2-Dichloropropane	7.52	63	161507	54.28	ug/l	99
46) Dibromomethane	7.67	93	110680	53.60	ug/l	95
47) Bromodichloromethane	7.90	83	211423	55.38	ug/l	98
48) Methyl methacrylate	7.79	41	196051	54.58	ug/l	93
49) 1,4-Dioxane	7.76	88	71967	1029.80	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	1228594	281.68	ug/l	97
52) Toluene	8.79	92	393102	54.71	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	210890	48.78	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	198594	47.74	ug/l	94
55) 1,1,2-Trichloroethane	9.22	97	164882	55.84	ug/l	98
56) Ethyl methacrylate	9.19	69	239657	55.53	ug/l	92
57) 1,3-Dichloropropane	9.38	76	267308	55.12	ug/l	99
59) 2-Hexanone	9.50	43	944931	285.06	ug/l	95
60) Dibromochloromethane	9.59	129	180122	57.95	ug/l	99
61) 1,2-Dibromoethane	9.68	107	175626	56.70	ug/l	100
64) Tetrachloroethene	9.34	164	191120	51.66	ug/l	98
65) Chlorobenzene	10.14	112	454666	53.81	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	173260	56.44	ug/l	100
67) Ethyl Benzene	10.26	91	752114	53.88	ug/l	100
68) m/p-Xylenes	10.37	106	585362	108.81	ug/l	98
69) o-Xylene	10.70	106	287723	54.93	ug/l	97
70) Styrene	10.71	104	474574	55.75	ug/l	98
71) Bromoform	10.86	173	144578	51.96	ug/l	100
73) Isopropylbenzene	11.02	105	766282	54.56	ug/l	100
74) N-amyl acetate	6.48	43	341318	49.67	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	248278	57.38	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	264687	69.99	ug/l	80
77) Bromobenzene	11.26	156	224132	56.04	ug/l	95
78) n-propylbenzene	11.37	91	847169	52.99	ug/l	98
79) 2-Chlorotoluene	11.43	91	518822	53.60	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	638561	53.98	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	49609	38.86	ug/l	99
82) 4-Chlorotoluene	11.51	91	607922	53.05	ug/l	98
83) tert-Butylbenzene	11.77	119	632654	54.26	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	659498	53.81	ug/l	98
85) sec-Butylbenzene	11.95	105	721510	51.01	ug/l	99
86) p-Isopropyltoluene	12.07	119	653917	51.43	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	391538	53.60	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	397335	52.85	ug/l	99
89) n-Butylbenzene	12.39	91	519846	46.97	ug/l	99
90) Hexachloroethane	12.60	117	103114	54.52	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	411141	55.76	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	54929	56.47	ug/l	91
93) 1,2,4-Trichlorobenzene	13.65	180	278830	51.96	ug/l	99

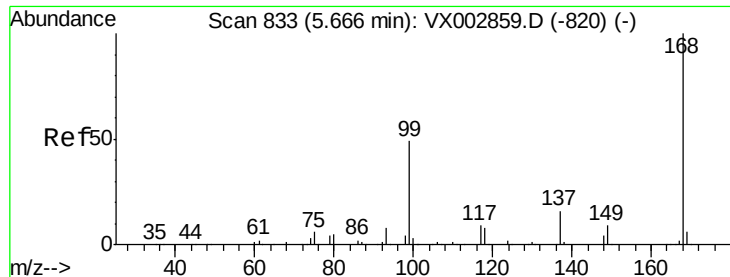
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QLast Update : Mon Jun 25 14:38:05 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	107156	40.04	ug/l	99
95) Naphthalene	13.83	128	850642	59.52	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	305038	56.91	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003206.D

Acq: 06 Jul 2018 07:15

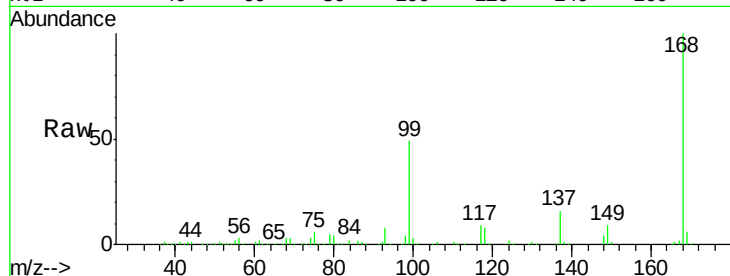
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 247434

Ion Ratio Lower Upper

168 100

99 49.1 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

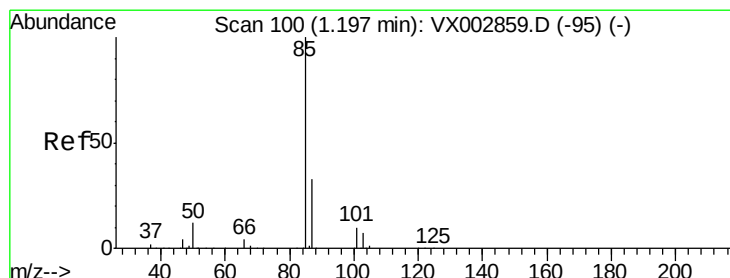
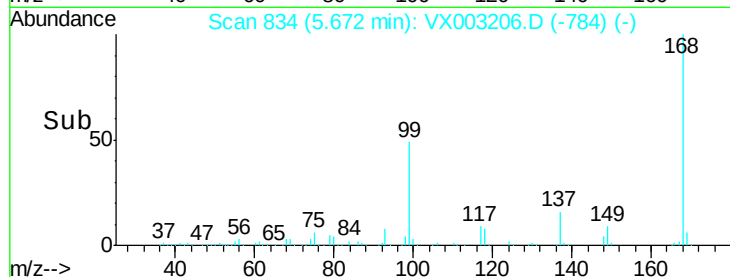
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 50.20 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003206.D

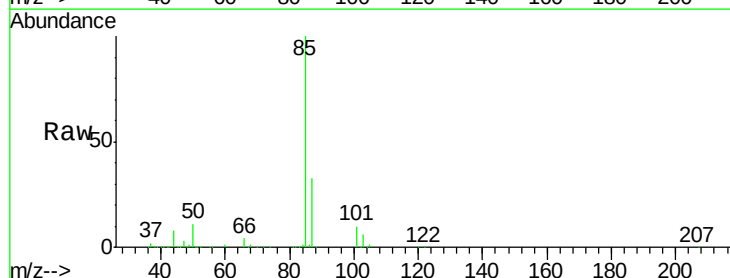
Acq: 06 Jul 2018 07:15

Tgt Ion: 85 Resp: 110901

Ion Ratio Lower Upper

85 100

87 33.1 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

120000

100000

80000

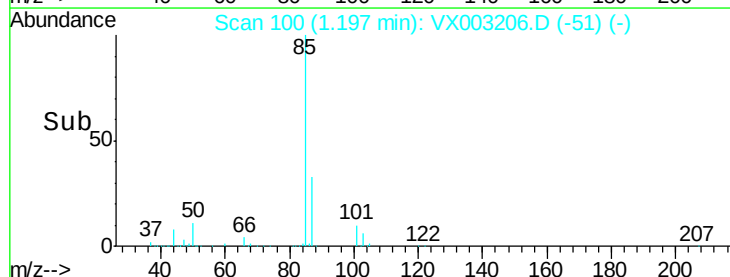
60000

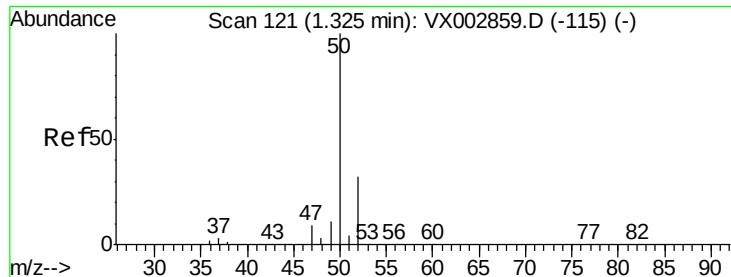
40000

20000

0

Time--> 1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 49.99 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003206.D

Acq: 06 Jul 2018 07:15

Instrument :

MSVOA_X

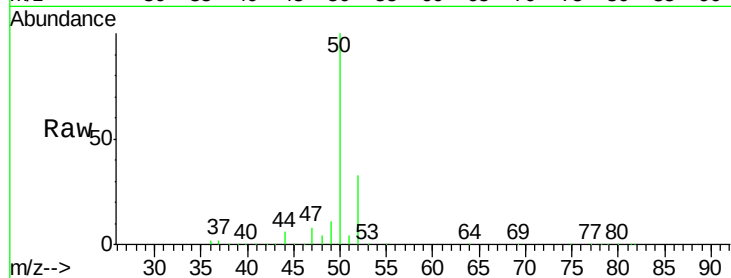
ClientSampled :

Tot Ion: 50 Resp: 114669

Ion Ratio Lower Upper

50 100

52 33.3 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

120000

100000

80000

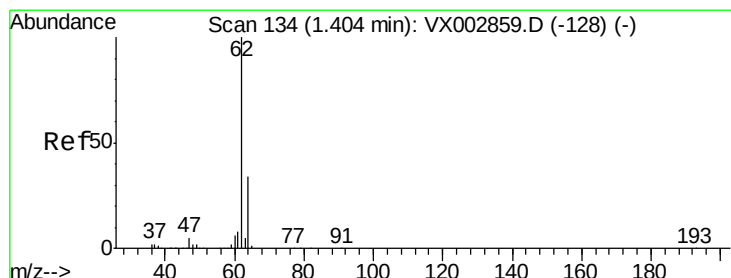
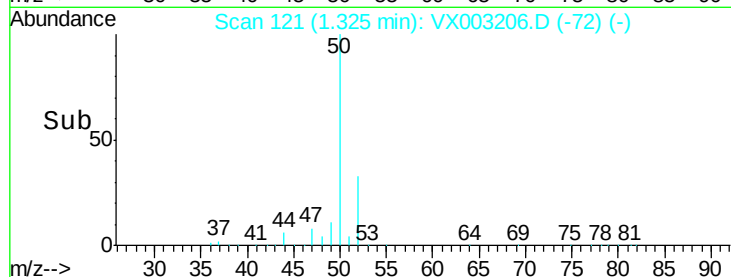
60000

40000

20000

0

Time--> 1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 50.72 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX003206.D

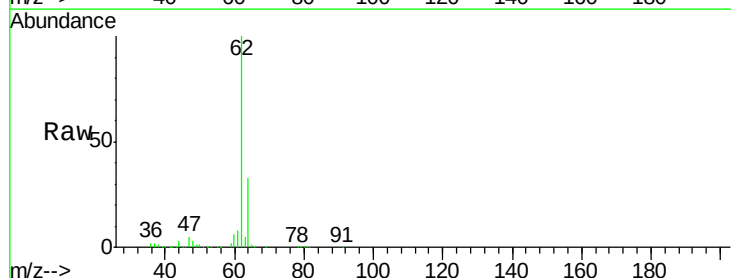
Acq: 06 Jul 2018 07:15

Tgt Ion: 62 Resp: 141936

Ion Ratio Lower Upper

62 100

64 32.9 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

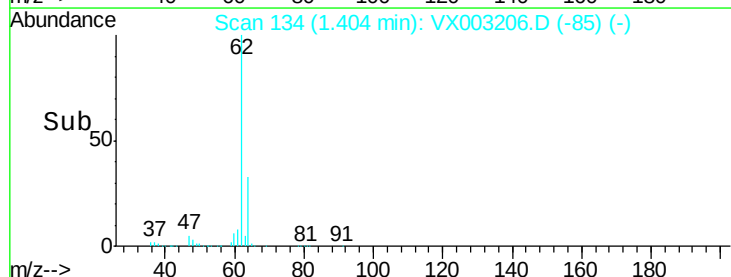
150000

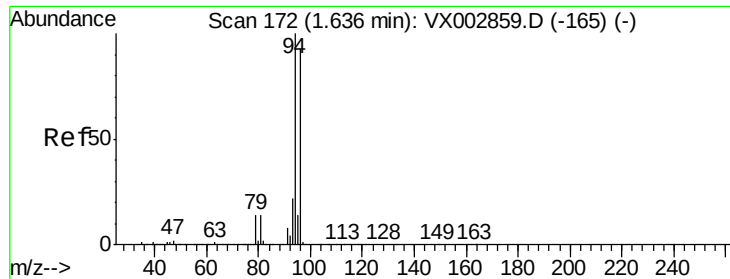
100000

50000

0

Time--> 1.35 1.40 1.45 1.50 1.55





#5

Bromomethane

Concen: 28.77 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003206.D

Acq: 06 Jul 2018 07:15

Instrument :

MSVOA_X

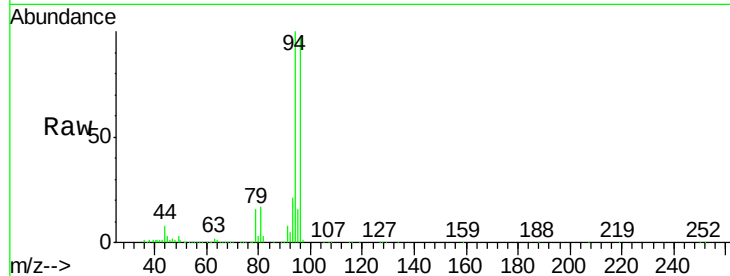
ClientSampled :

Tot Ion: 94 Resp: 39089

Ion Ratio Lower Upper

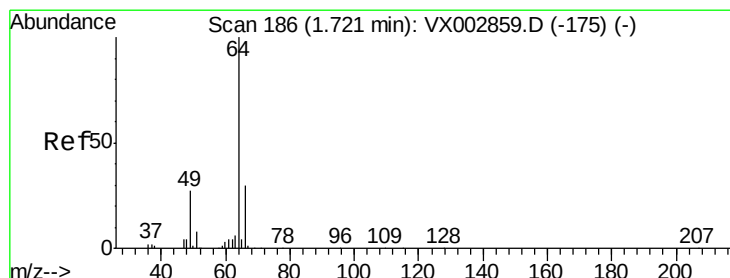
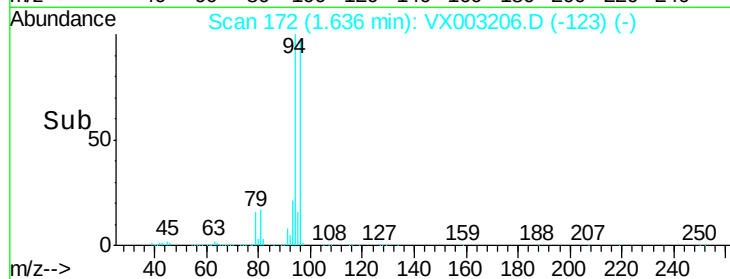
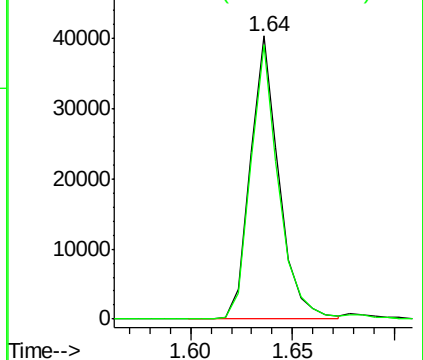
94 100

96 96.7 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 55.28 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX003206.D

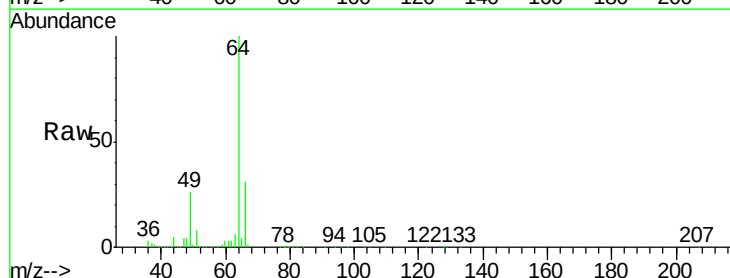
Acq: 06 Jul 2018 07:15

Tgt Ion: 64 Resp: 90380

Ion Ratio Lower Upper

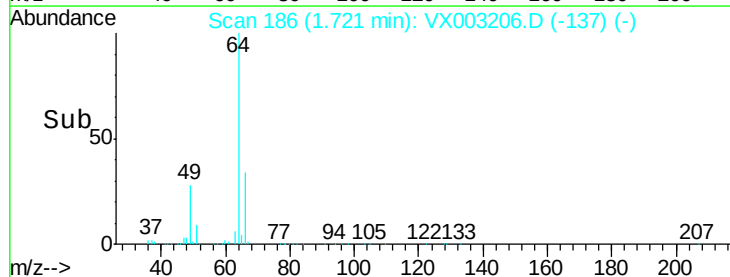
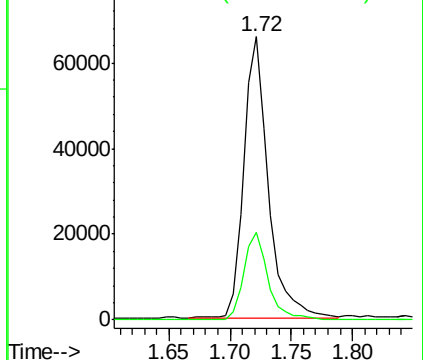
64 100

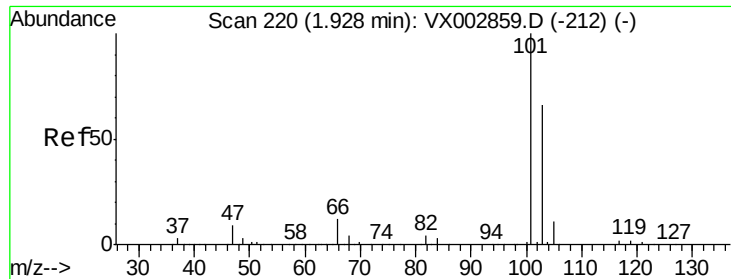
66 31.0 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



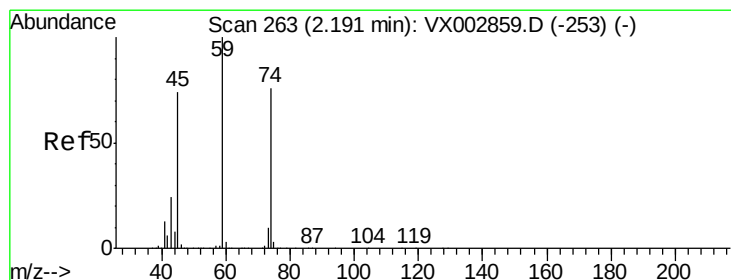
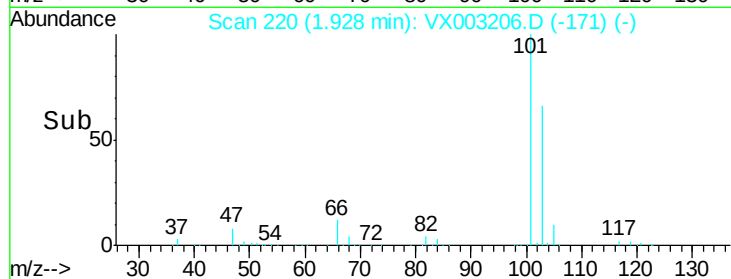
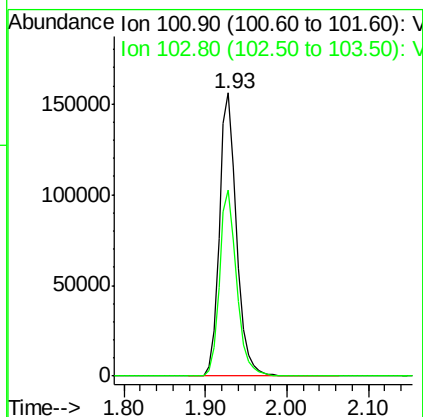
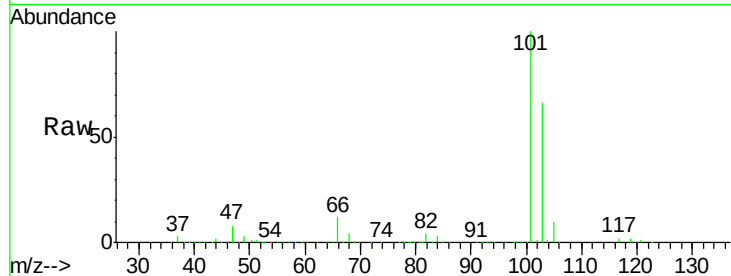


#7

Trichlorofluoromethane
 Concen: 48.78 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VX003206.D
 Acq: 06 Jul 2018 07:15

Instrument :
 MSVOA_X
 ClientSampleId :

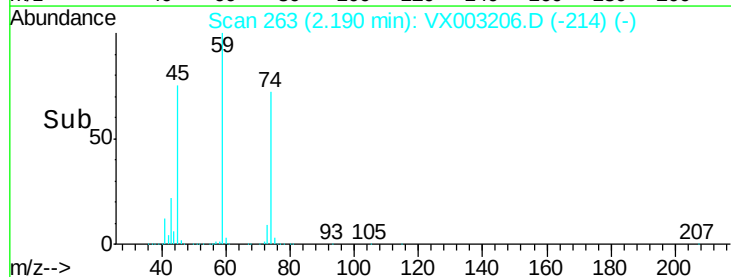
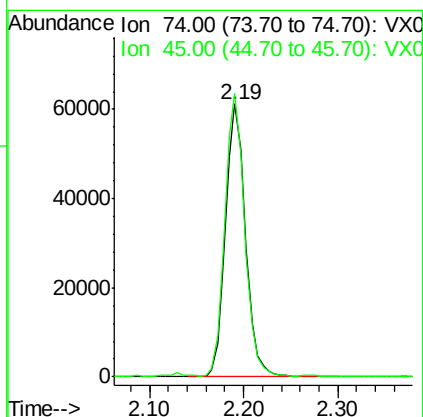
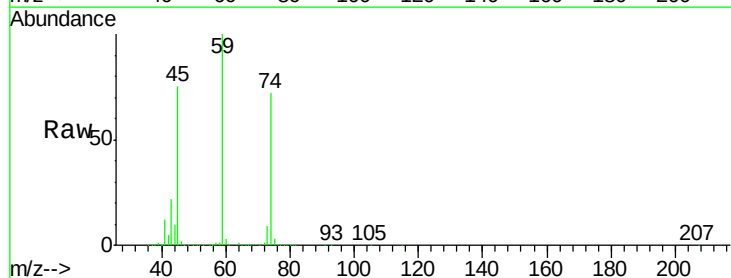
Tot Ion:101 Resp: 230239
 Ion Ratio Lower Upper
 101 100
 103 65.7 52.8 79.2

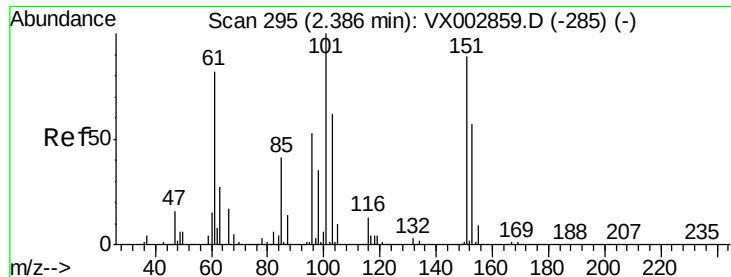


#8

Diethyl Ether
 Concen: 52.70 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX003206.D
 Acq: 06 Jul 2018 07:15

Tgt Ion: 74 Resp: 90436
 Ion Ratio Lower Upper
 74 100
 45 101.6 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.83 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX003206.D

Acq: 06 Jul 2018 07:15

Instrument :

MSVOA_X

ClientSampleId :

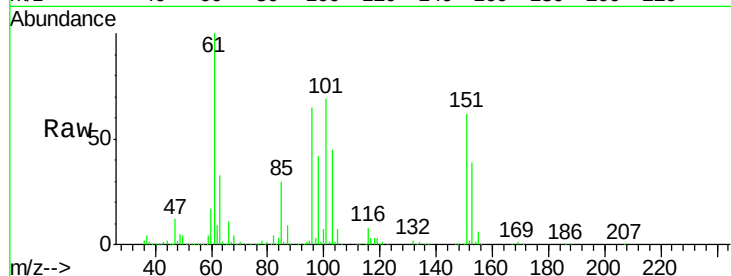
Tot Ion:101 Resp: 128082

Ion Ratio Lower Upper

101 100

85 43.5 36.0 54.0

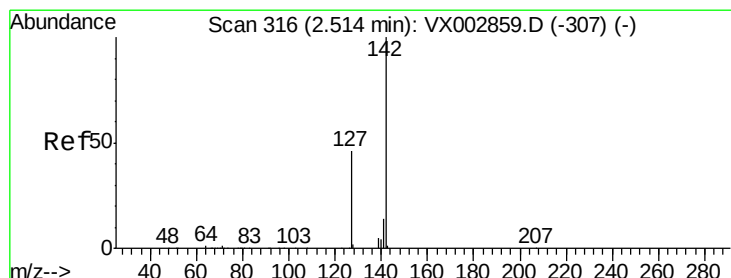
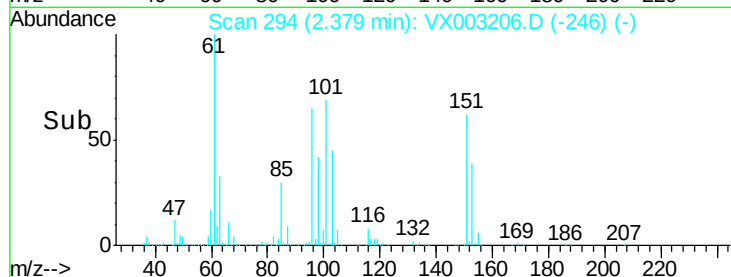
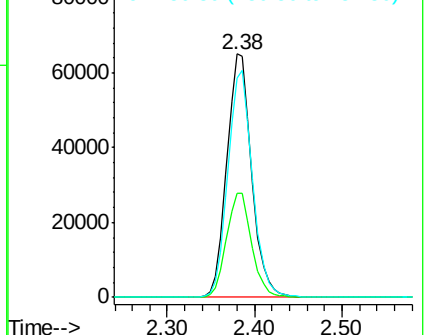
151 92.6 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 59.83 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX003206.D

Acq: 06 Jul 2018 07:15

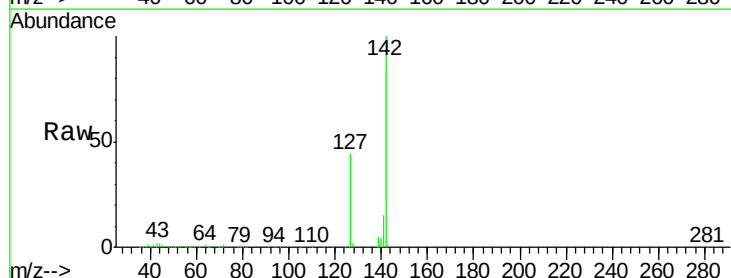
Tgt Ion:142 Resp: 169824

Ion Ratio Lower Upper

142 100

127 43.6 36.6 55.0

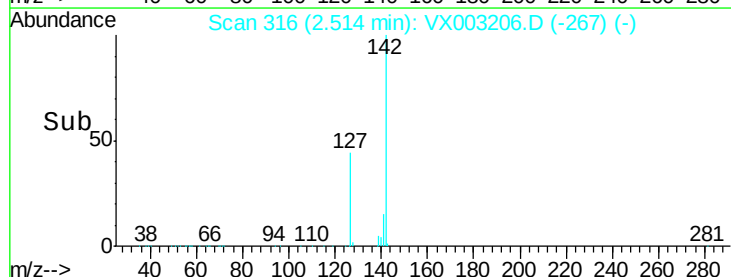
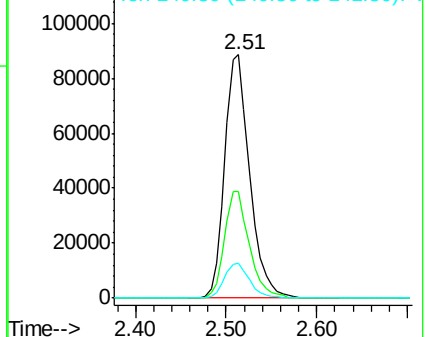
141 14.6 11.3 16.9

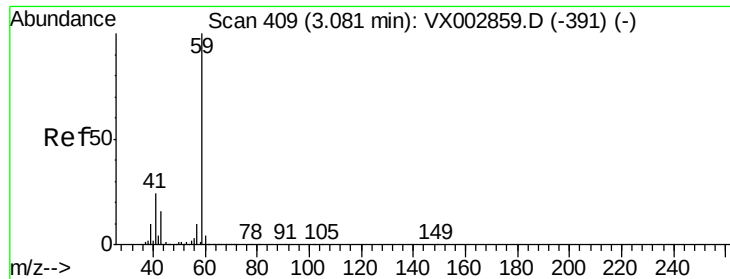


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

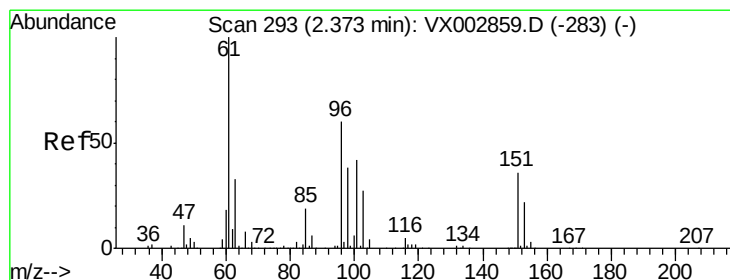
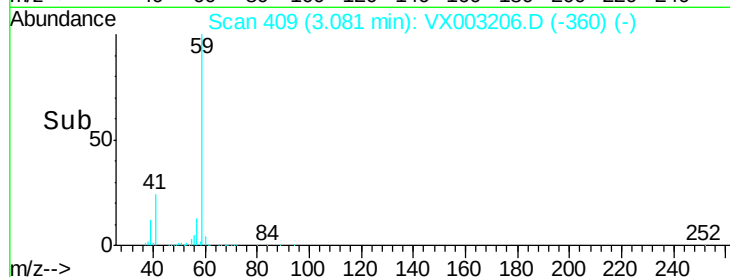
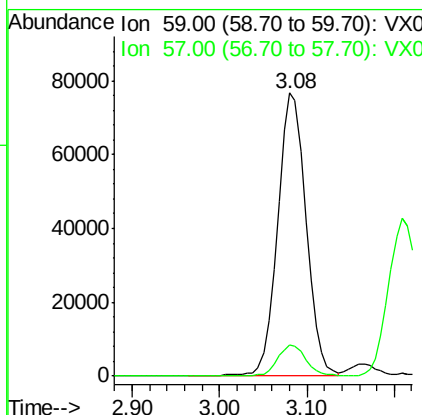
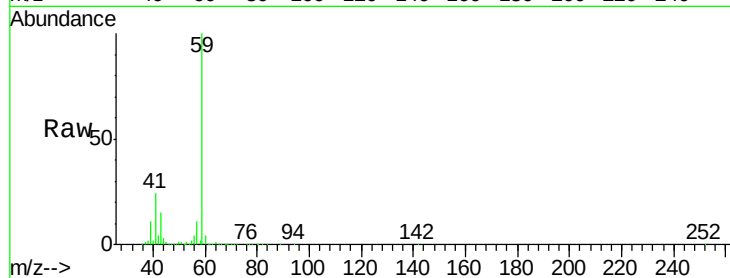




#11
Tert butyl alcohol
Concen: 254.78 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.00 min
Lab File: VX003206.D
Acq: 06 Jul 2018 07:15

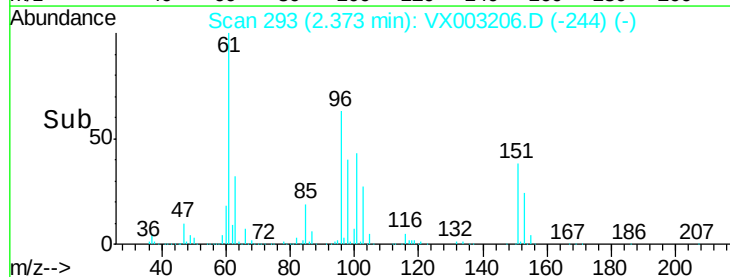
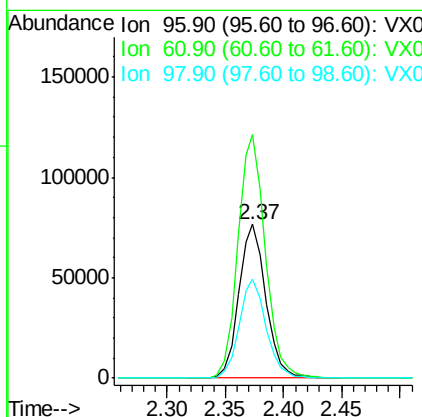
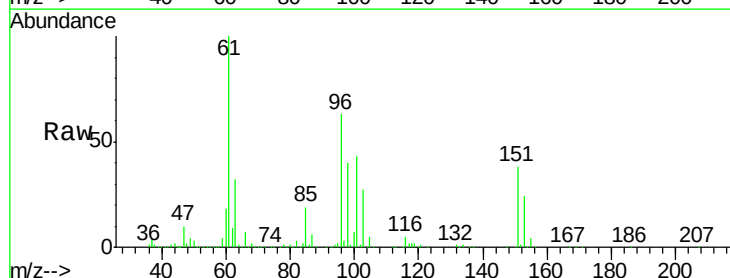
Instrument :
MSVOA_X
ClientSampled :

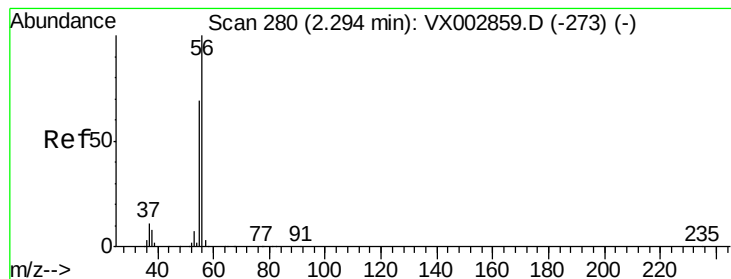
Tot Ion: 59 Resp: 173580
Ion Ratio Lower Upper
59 100
57 11.0 8.2 12.2



#12
1,1-Dichloroethene
Concen: 50.76 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX003206.D
Acq: 06 Jul 2018 07:15

Tgt Ion: 96 Resp: 123870
Ion Ratio Lower Upper
96 100
61 158.2 137.9 206.9
98 63.9 51.6 77.4





#13

Acrolein

Concen: 274.25 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003206.D

Acq: 06 Jul 2018 07:15

Instrument :

MSVOA_X

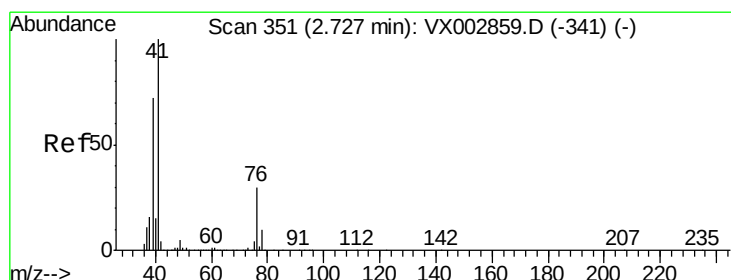
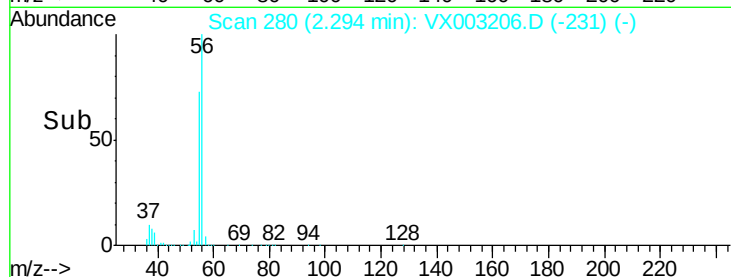
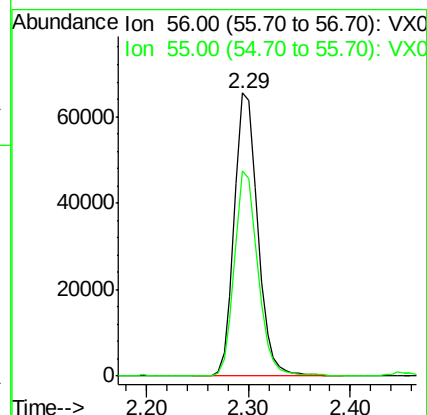
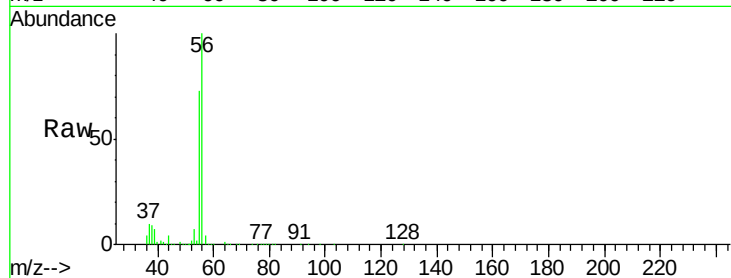
ClientSampleId :

Tot Ion: 56 Resp: 103746

Ion Ratio Lower Upper

56 100

55 72.0 57.0 85.4



#14

Allyl chloride

Concen: 47.29 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX003206.D

Acq: 06 Jul 2018 07:15

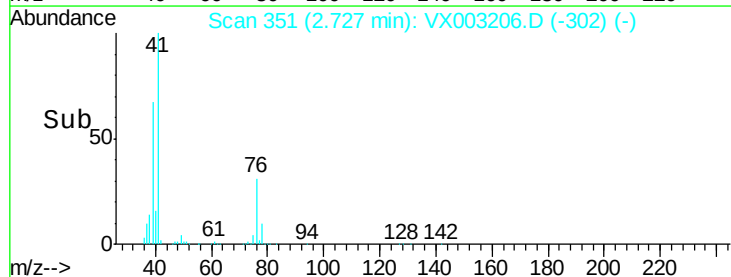
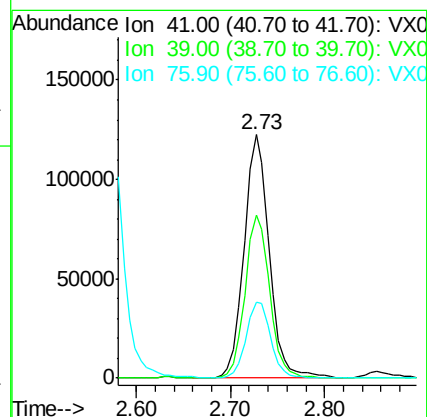
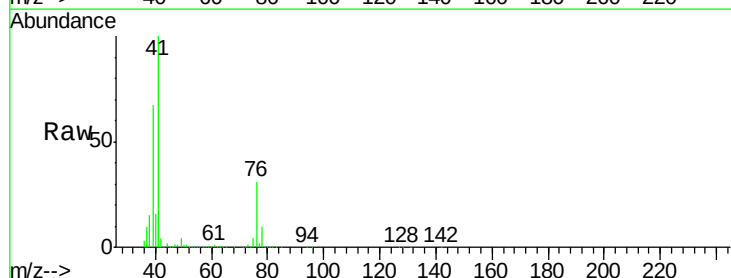
Tgt Ion: 41 Resp: 227481

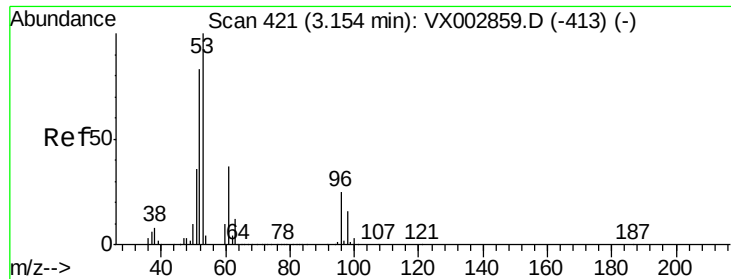
Ion Ratio Lower Upper

41 100

39 65.1 56.8 85.2

76 30.5 23.8 35.8





#15

Acrylonitrile

Concen: 276.44 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX003206.D

Acq: 06 Jul 2018 07:15

Instrument :
MSVOA_X
ClientSampled :

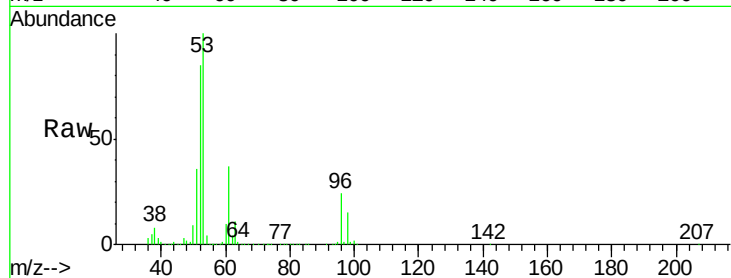
Tot Ion: 53 Resp: 402278

Ion Ratio Lower Upper

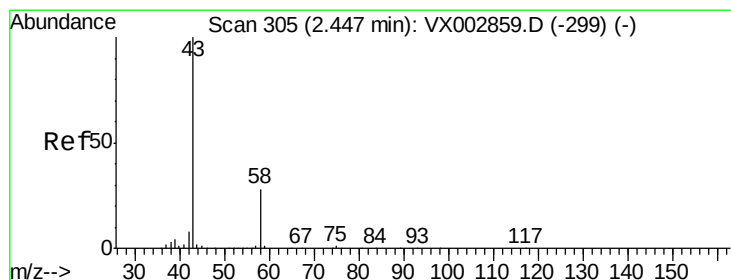
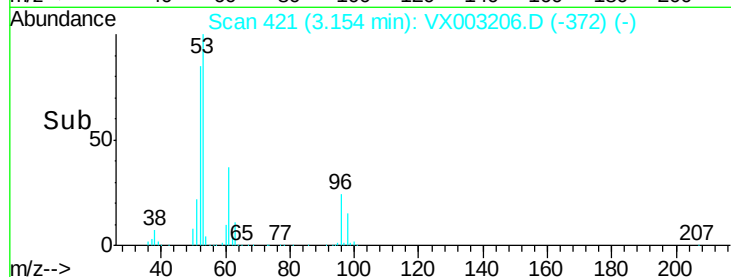
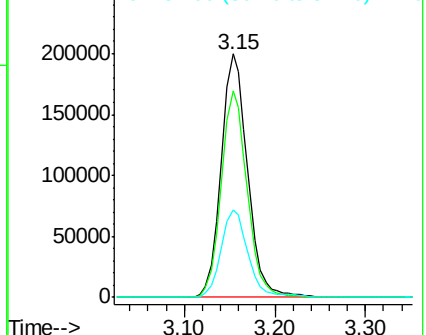
53 100

52 83.7 66.7 100.1

51 36.8 29.9 44.9



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



#16

Acetone

Concen: 261.20 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX003206.D

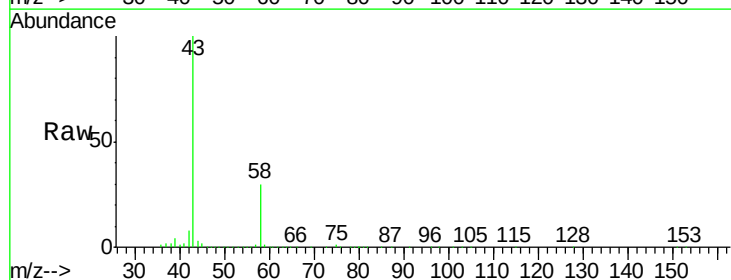
Acq: 06 Jul 2018 07:15

Tgt Ion: 43 Resp: 369950

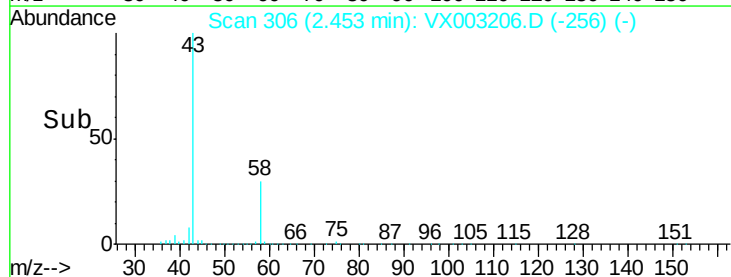
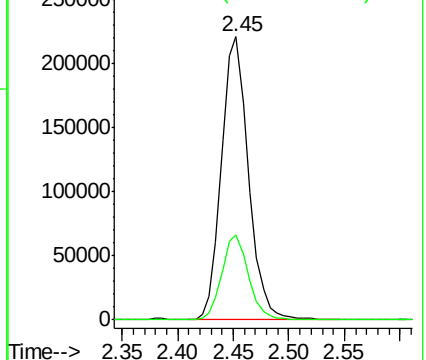
Ion Ratio Lower Upper

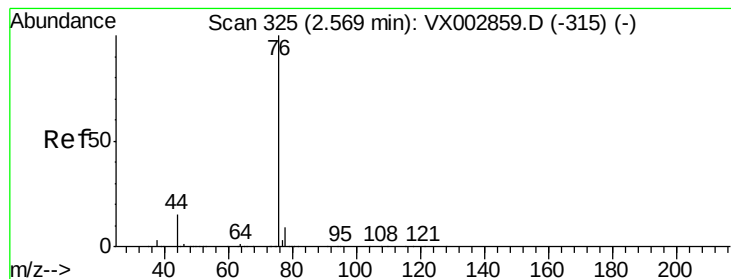
43 100

58 29.8 22.1 33.1



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





#17

Carbon Disulfide

Concen: 48.52 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX003206.D

Acq: 06 Jul 2018 07:15

Instrument :

MSVOA_X

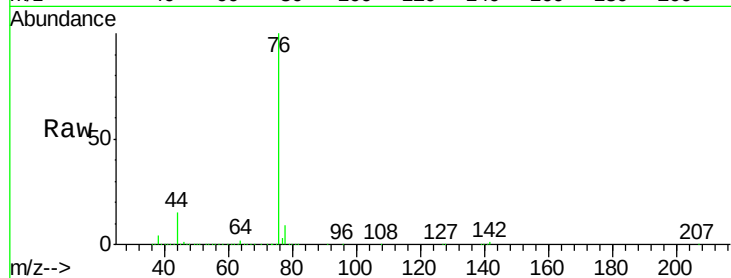
ClientSampled :

Tot Ion: 76 Resp: 315448

Ion Ratio Lower Upper

76 100

78 9.2 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

200000

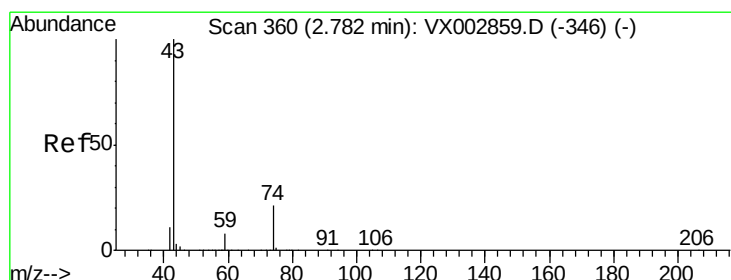
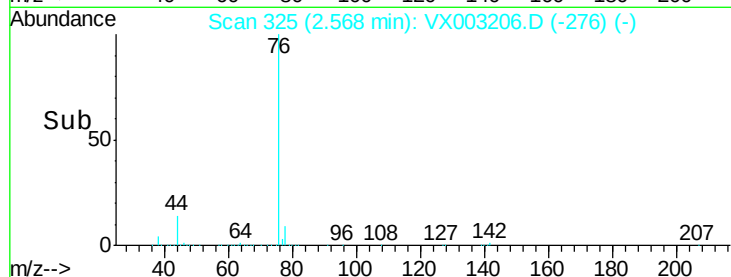
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 57.33 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX003206.D

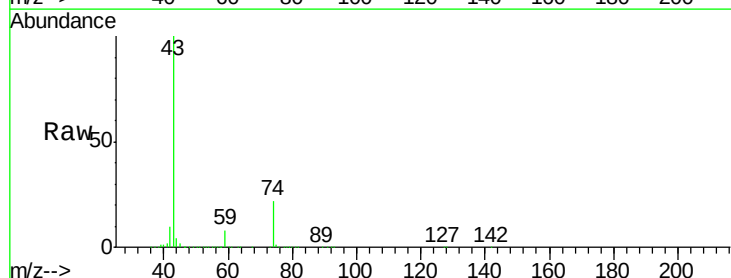
Acq: 06 Jul 2018 07:15

Tgt Ion: 43 Resp: 227014

Ion Ratio Lower Upper

43 100

74 22.5 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

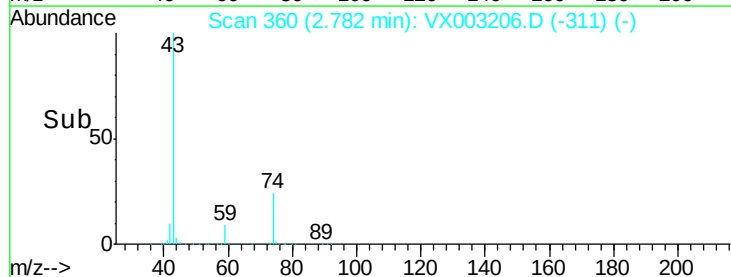
150000

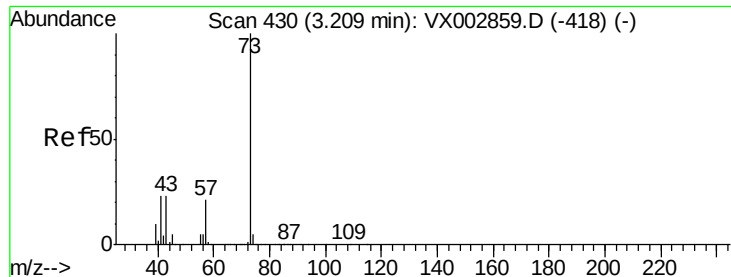
100000

50000

0

Time-->





#19

Methyl tert-butyl Ether

Concen: 52.82 ug/l

RT: 3.21 min Scan# 430

Delta R.T. -0.00 min

Lab File: VX003206.D

Acq: 06 Jul 2018 07:15

Instrument :

MSVOA_X

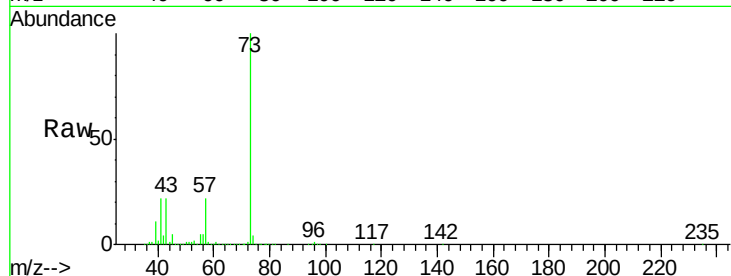
ClientSampled :

Tot Ion: 73 Resp: 463380

Ion Ratio Lower Upper

73 100

57 21.8 17.7 26.5



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.21

200000

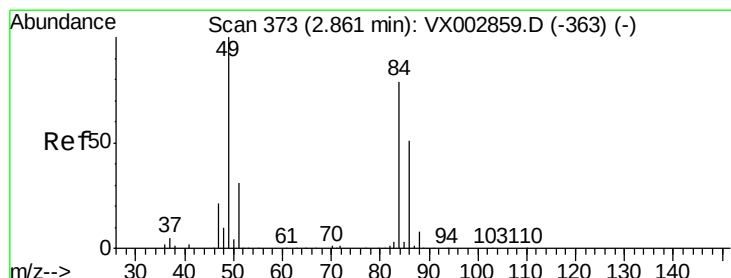
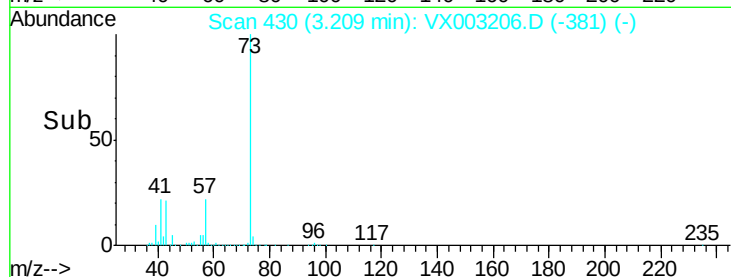
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 52.34 ug/l

RT: 2.86 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX003206.D

Acq: 06 Jul 2018 07:15

Tgt Ion: 84 Resp: 144264

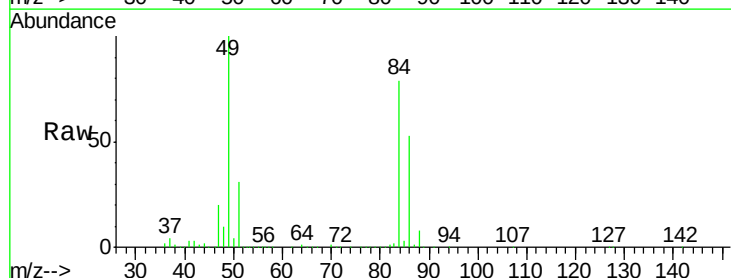
Ion Ratio Lower Upper

84 100

49 127.1 107.8 161.6

51 38.7 32.8 49.2

86 67.1 52.5 78.7



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

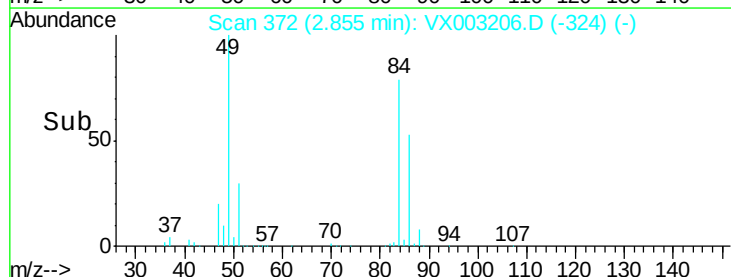
2.86

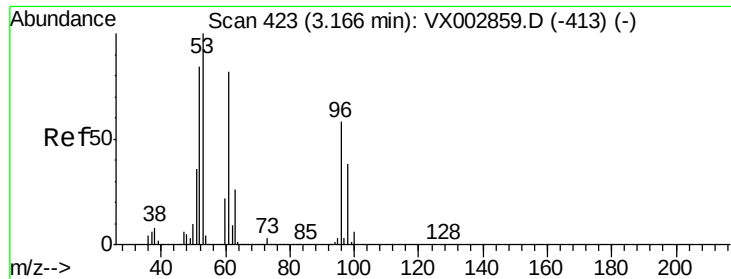
100000

50000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 50.82 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX003206.D

Acq: 06 Jul 2018 07:15

Instrument :
MSVOA_X
ClientSampled :

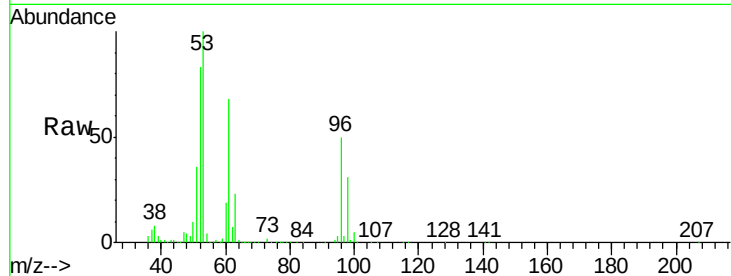
Tot Ion: 96 Resp: 135075

Ion Ratio Lower Upper

96 100

61 135.1 117.0 175.4

98 62.4 52.4 78.6

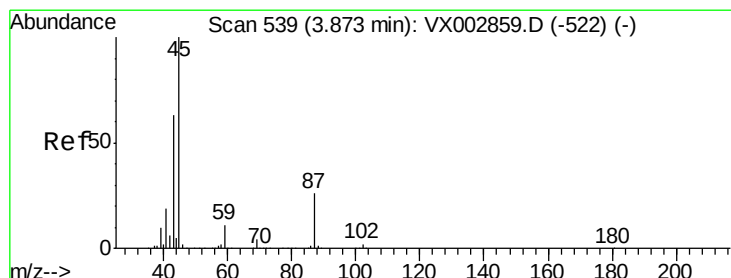
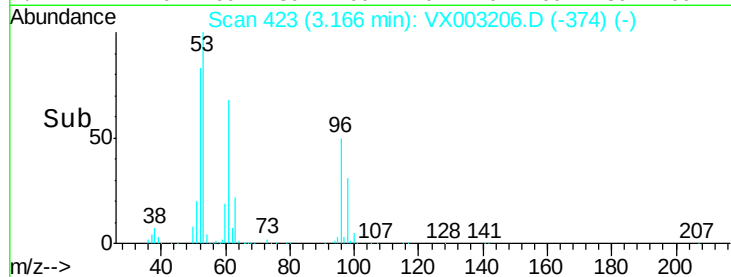
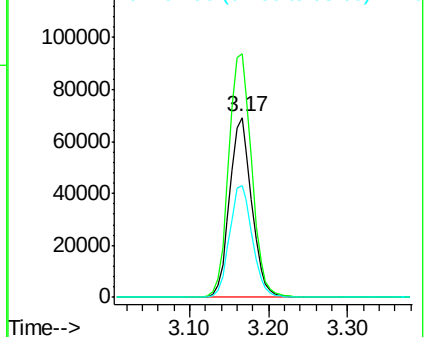


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 52.25 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.01 min

Lab File: VX003206.D

Acq: 06 Jul 2018 07:15

Tgt Ion: 45 Resp: 480463

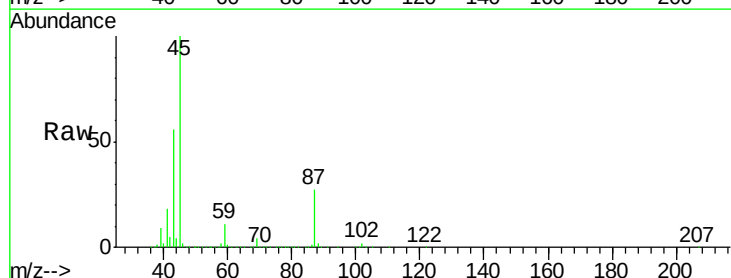
Ion Ratio Lower Upper

45 100

43 56.3 46.8 70.2

87 27.0 20.2 30.4

59 11.3 8.7 13.1



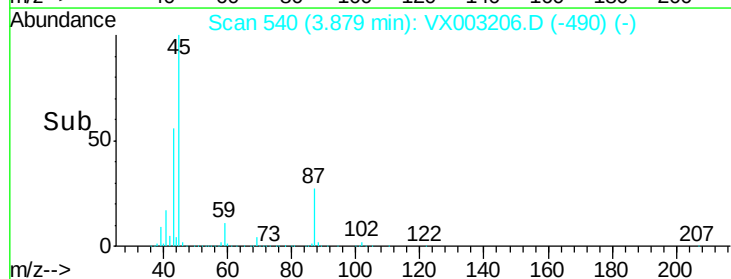
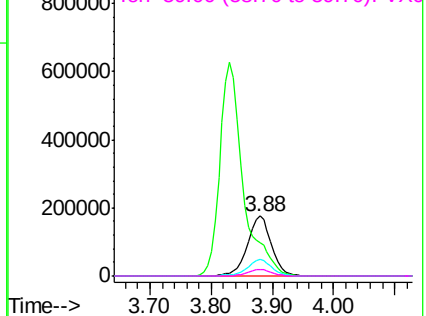
Abundance

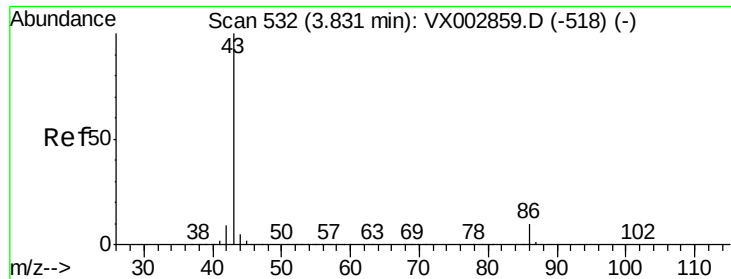
Ion 45.00 (44.70 to 45.70): VX0

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: 214.32 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX003206.D

Acq: 06 Jul 2018 07:15

Instrument :

MSVOA_X

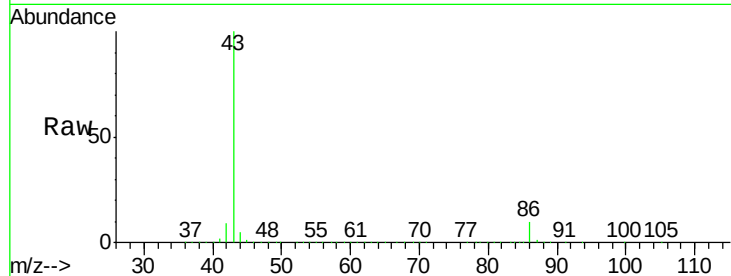
ClientSampleId :

Tot Ion: 43 Resp: 1668694

Ion Ratio Lower Upper

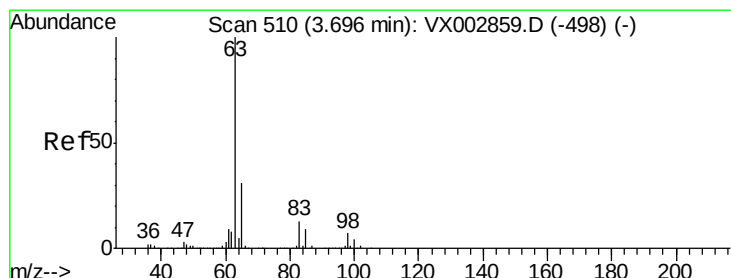
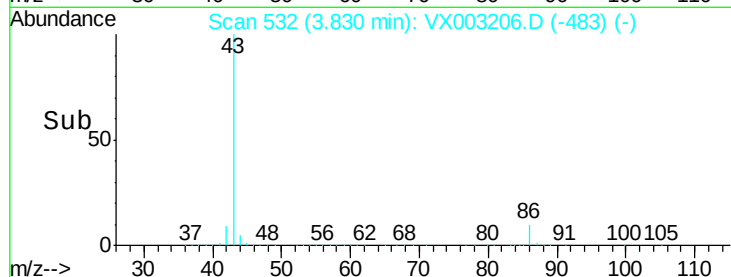
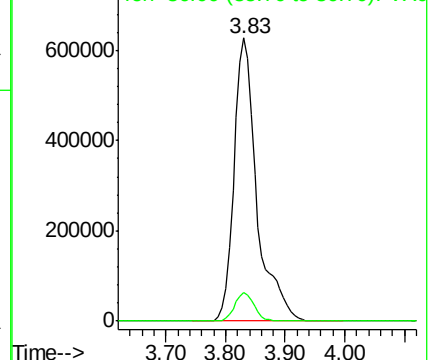
43 100

86 10.0 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 52.15 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX003206.D

Acq: 06 Jul 2018 07:15

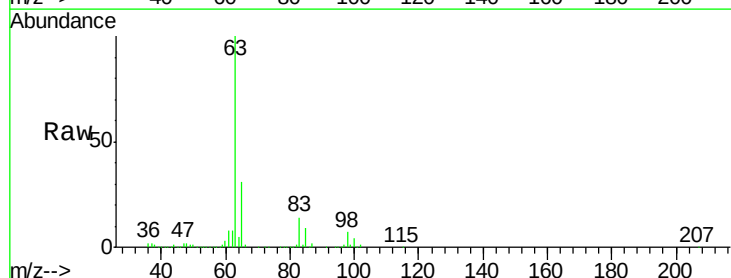
Tgt Ion: 63 Resp: 260637

Ion Ratio Lower Upper

63 100

98 7.2 3.4 10.2

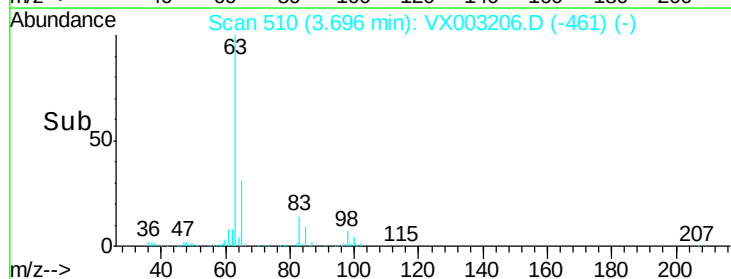
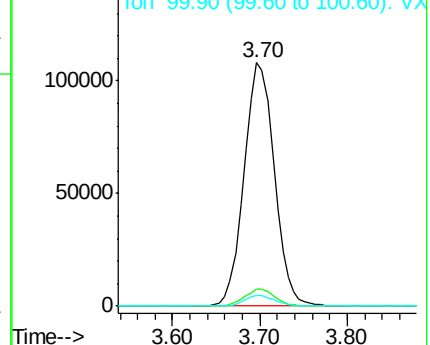
100 4.5 2.0 6.0

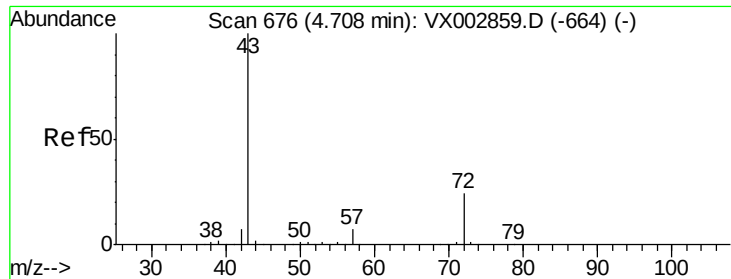


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 291.30 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX003206.D

Acq: 06 Jul 2018 07:15

Instrument :

MSVOA_X

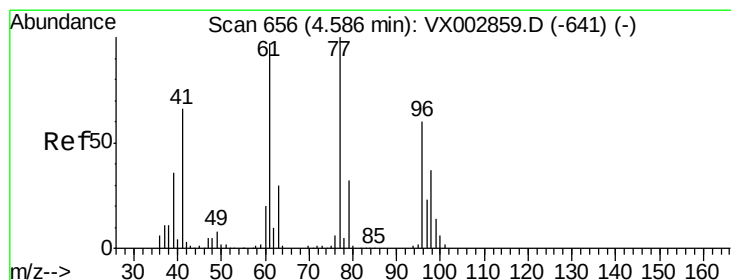
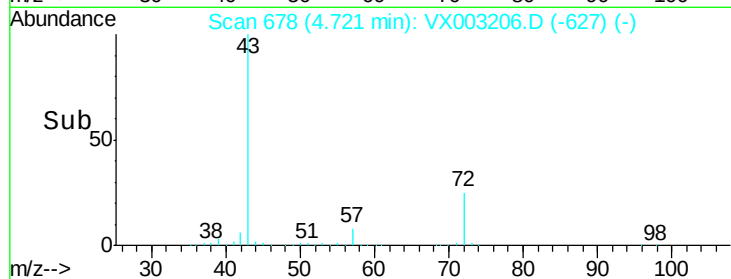
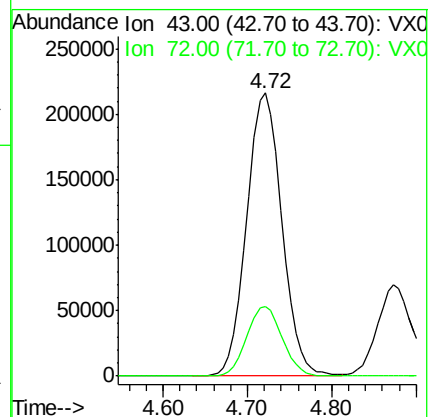
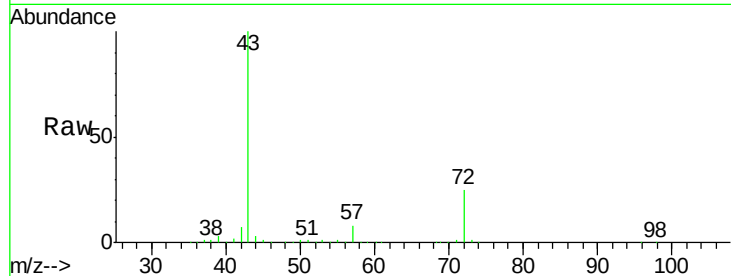
ClientSampled :

Tot Ion: 43 Resp: 612305

Ion Ratio Lower Upper

43 100

72 24.6 18.5 27.7



#26

2,2-Dichloropropane

Concen: 20.30 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX003206.D

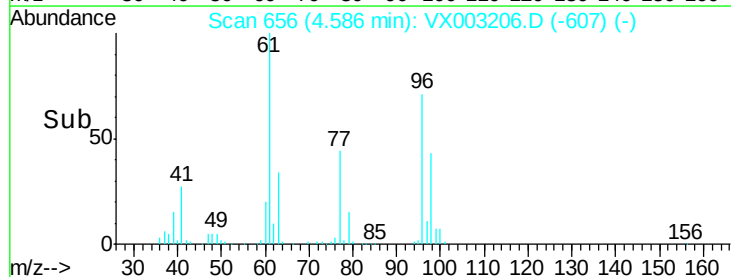
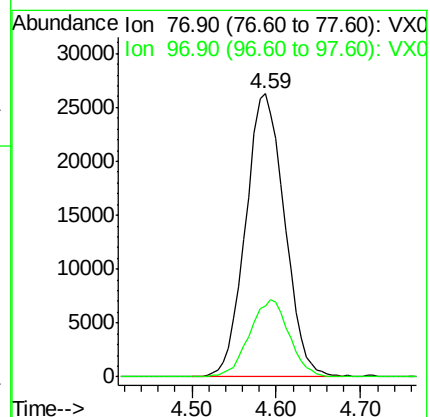
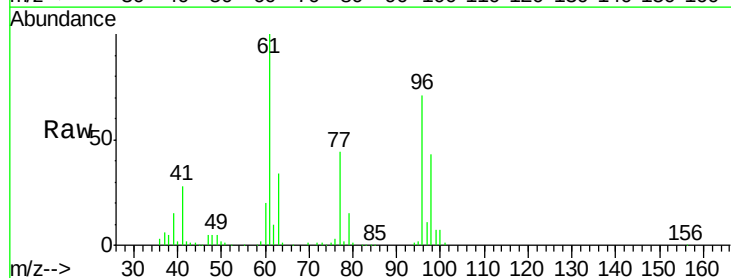
Acq: 06 Jul 2018 07:15

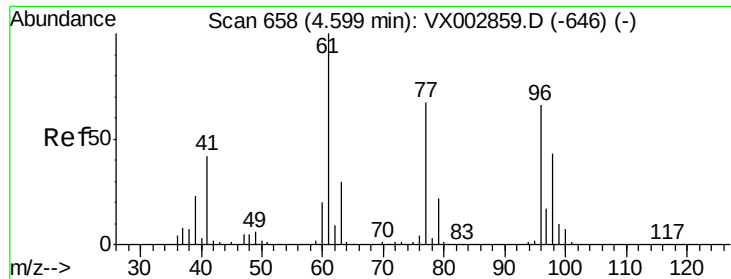
Tgt Ion: 77 Resp: 82483

Ion Ratio Lower Upper

77 100

97 27.7 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 55.93 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX003206.D

Acq: 06 Jul 2018 07:15

Instrument :
MSVOA_X
ClientSampled :

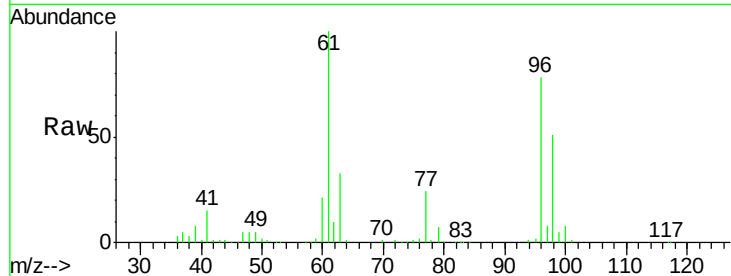
Tot Ion: 96 Resp: 166667

Ion Ratio Lower Upper

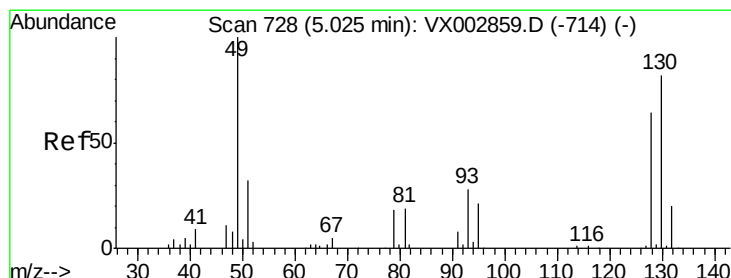
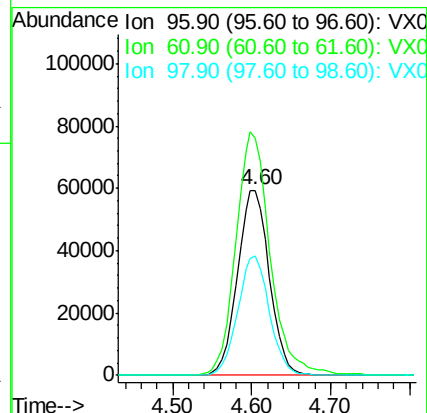
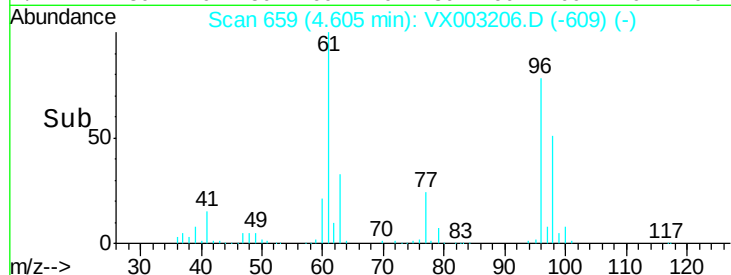
96 100

61 142.2 0.0 330.2

98 64.1 0.0 130.2



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: 47.01 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX003206.D

Acq: 06 Jul 2018 07:15

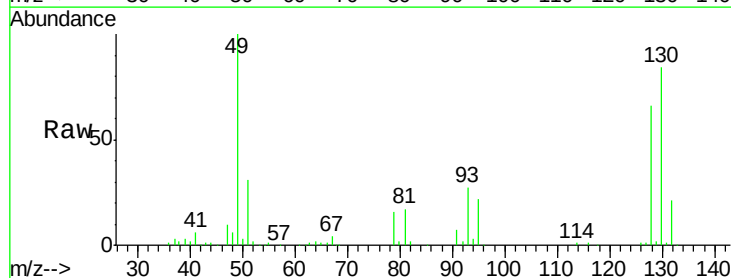
Tgt Ion: 49 Resp: 112455

Ion Ratio Lower Upper

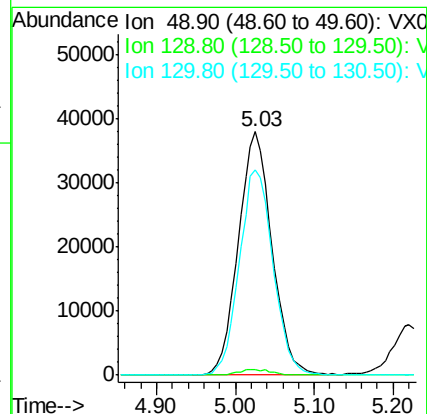
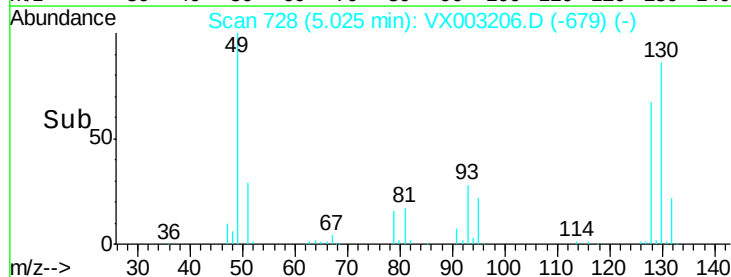
49 100

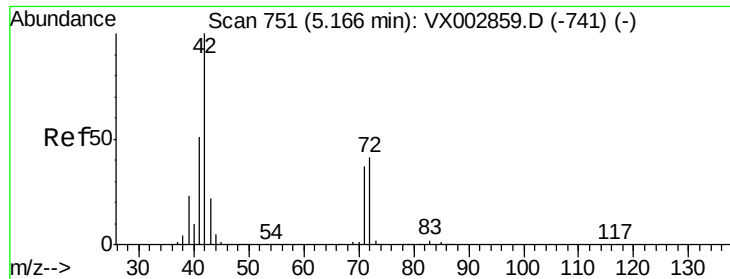
129 2.4 0.0 4.2

130 84.8 61.2 91.8



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

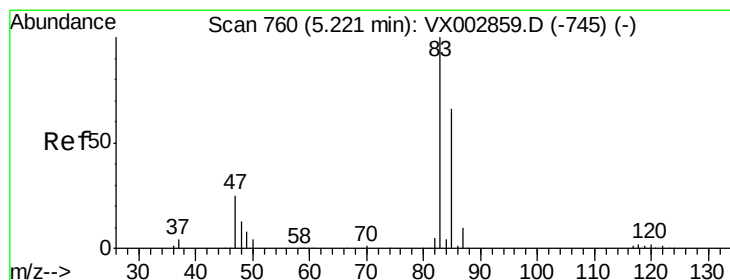
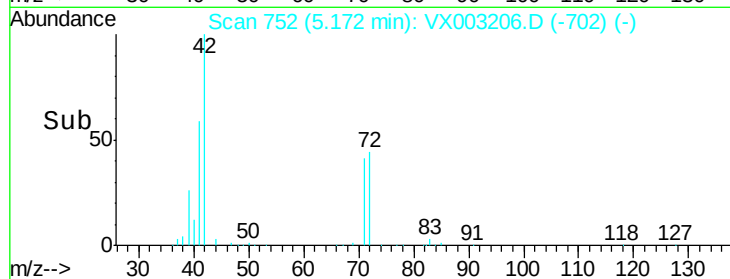
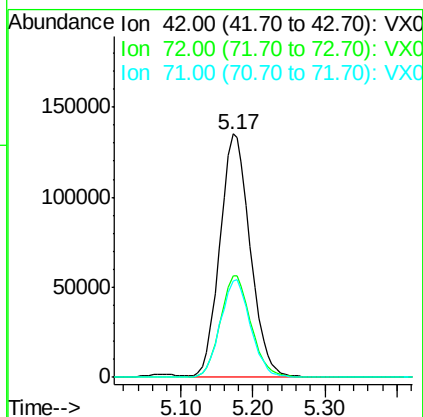
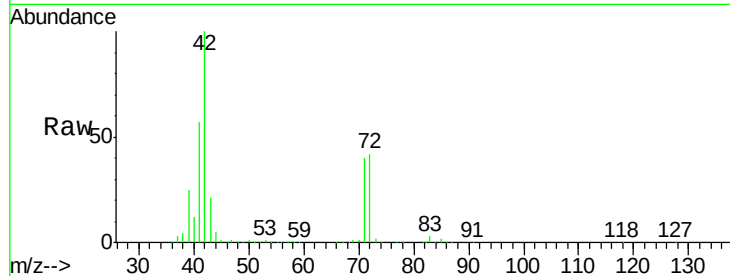




#29
Tetrahydrofuran
Concen: 292.46 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX003206.D
Acq: 06 Jul 2018 07:15

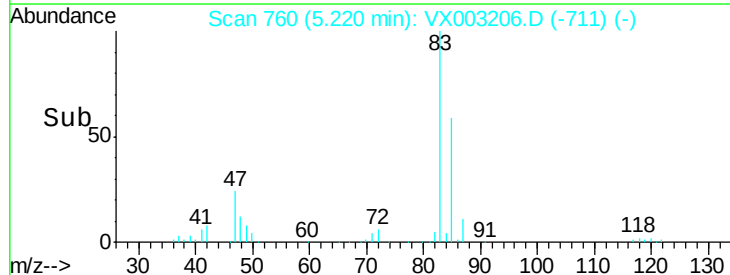
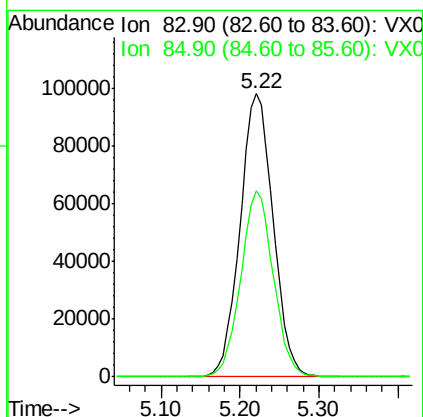
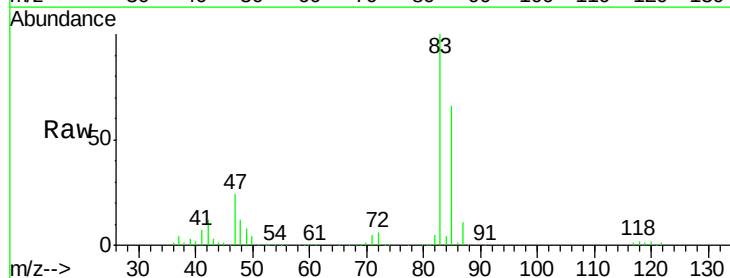
Instrument :
MSVOA_X
ClientSampled :

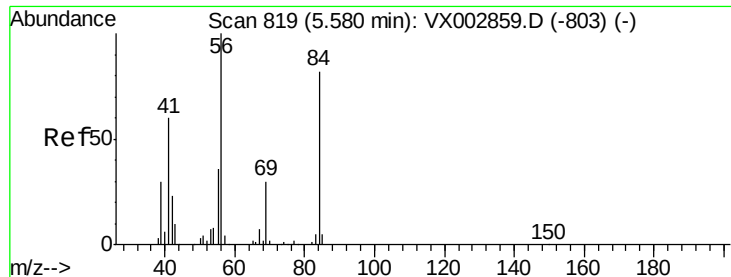
Tot Ion: 42 Resp: 394223
Ion Ratio Lower Upper
42 100
72 42.4 32.0 48.0
71 40.0 30.1 45.1



#30
Chloroform
Concen: 55.89 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX003206.D
Acq: 06 Jul 2018 07:15

Tgt Ion: 83 Resp: 286648
Ion Ratio Lower Upper
83 100
85 65.6 50.4 75.6





#31

Cyclohexane

Concen: 51.42 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX003206.D

Acq: 06 Jul 2018 07:15

Instrument :

MSVOA_X

ClientSampleId :

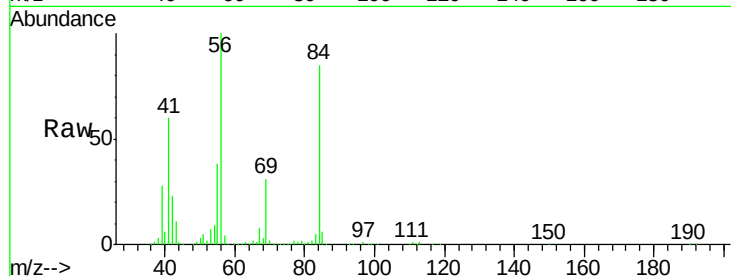
Tot Ion: 56 Resp: 220558

Ion Ratio Lower Upper

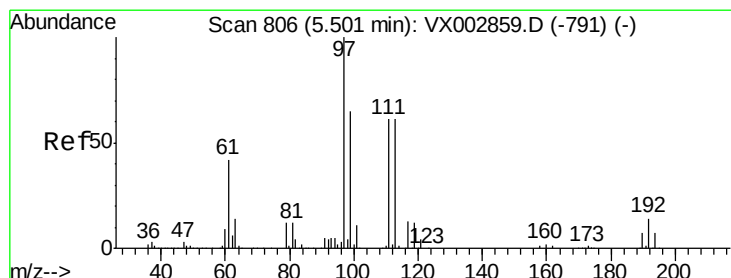
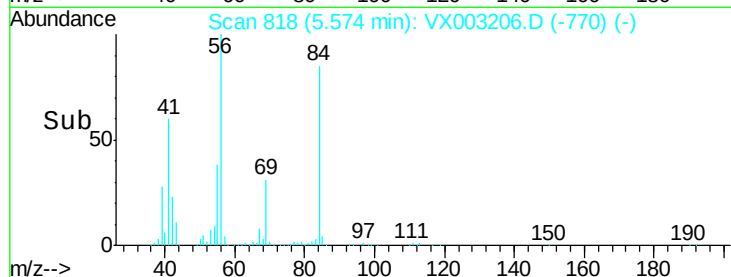
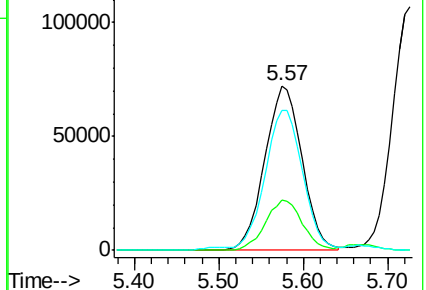
56 100

69 30.7 23.7 35.5

84 84.7 64.1 96.1



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 54.98 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX003206.D

Acq: 06 Jul 2018 07:15

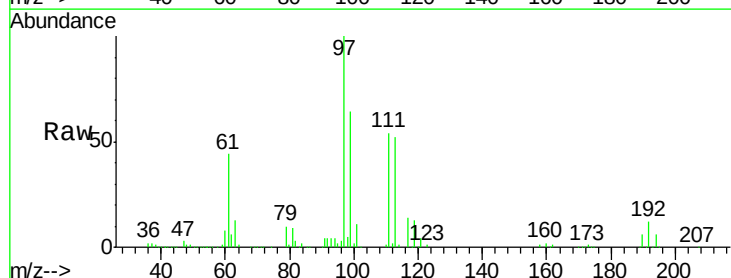
Tgt Ion: 97 Resp: 248105

Ion Ratio Lower Upper

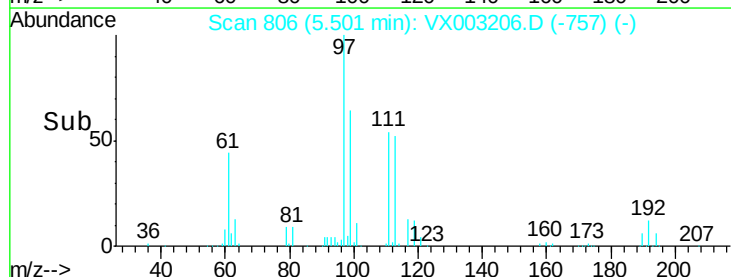
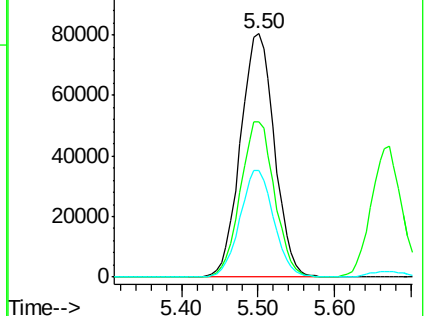
97 100

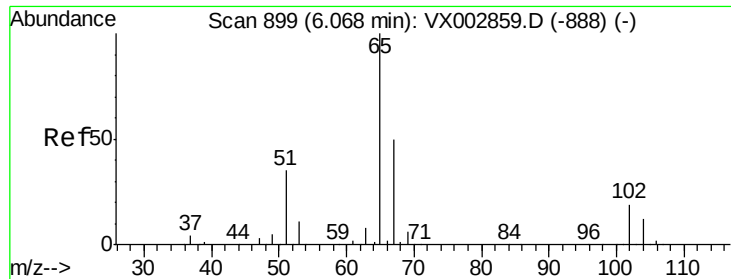
99 64.1 51.6 77.4

61 43.7 36.4 54.6



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

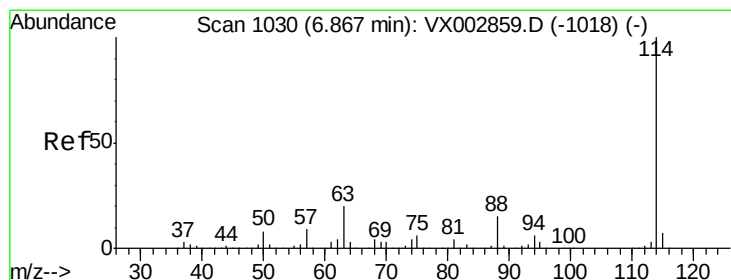
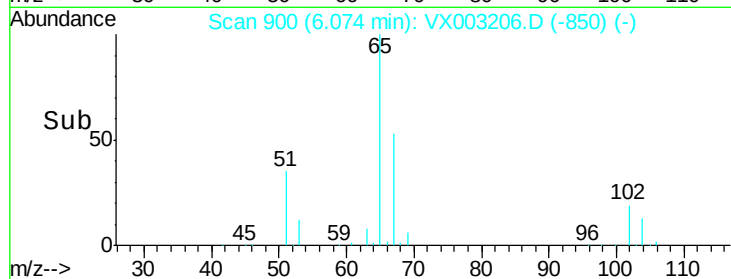
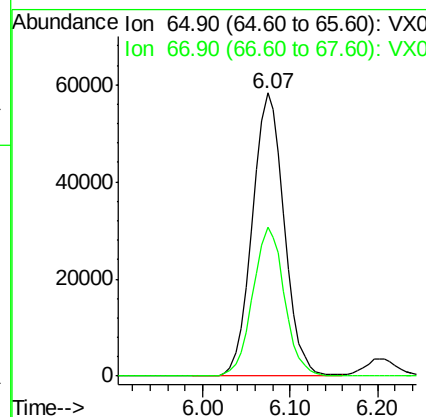
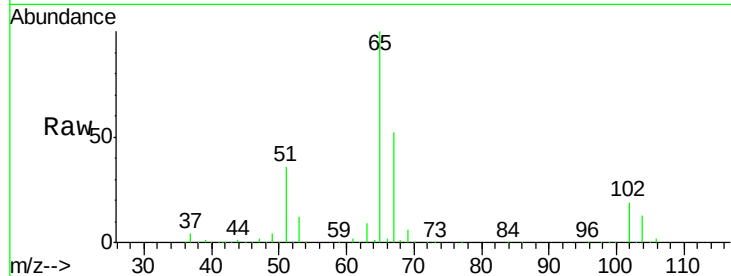




#33
 1,2-Dichloroethane-d4
 Concen: 43.22 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003206.D
 Acq: 06 Jul 2018 07:15

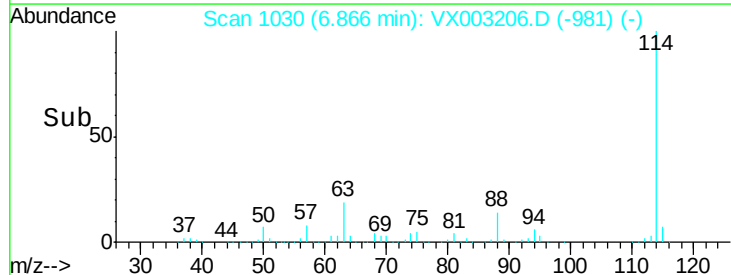
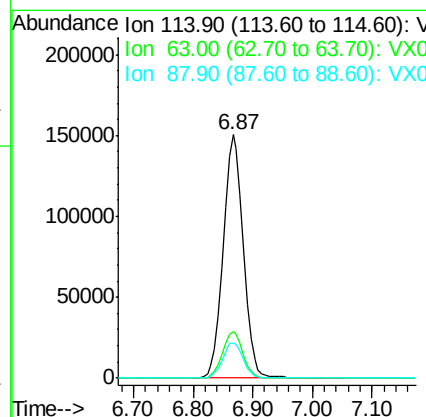
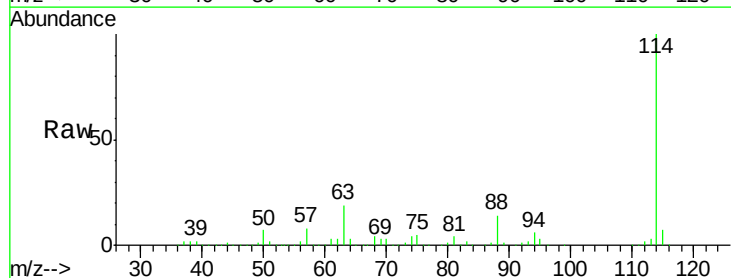
Instrument :
 MSVOA_X
 ClientSampleId :

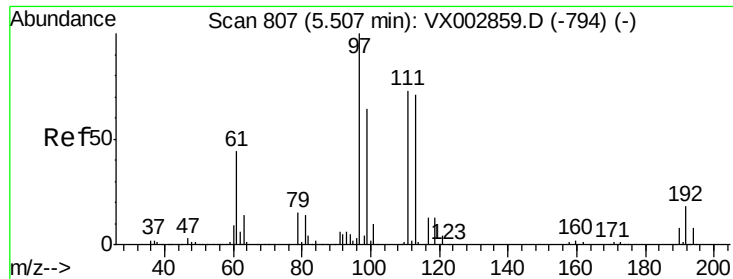
Tot Ion: 65 Resp: 147800
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003206.D
 Acq: 06 Jul 2018 07:15

Tgt Ion: 114 Resp: 352036
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 41.4
 88 14.4 0.0 30.0

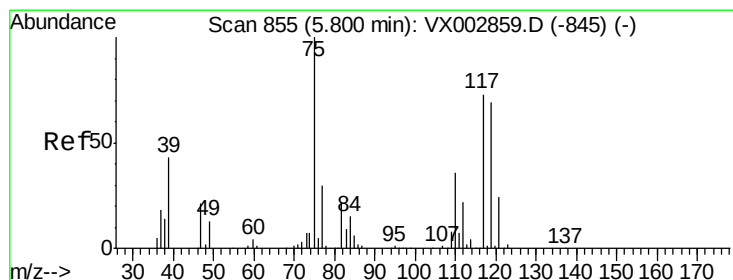
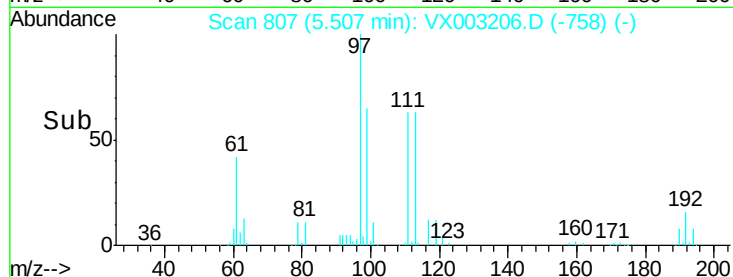
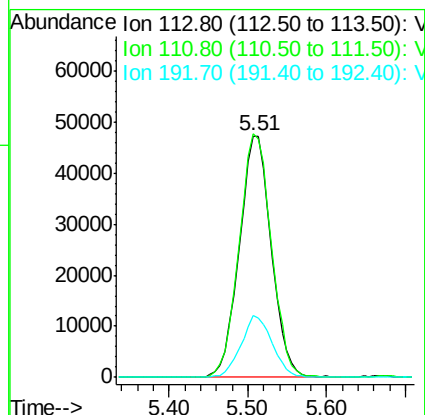
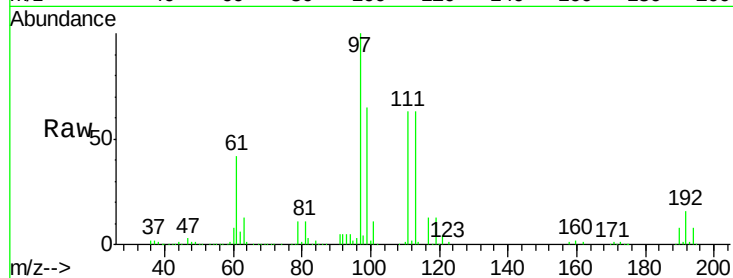




#35
Dibromofluoromethane
Concen: 47.86 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX003206.D
Acq: 06 Jul 2018 07:15

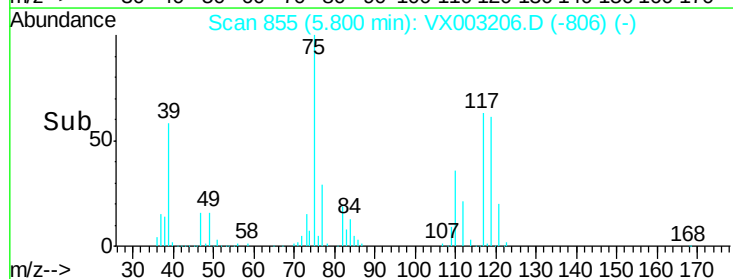
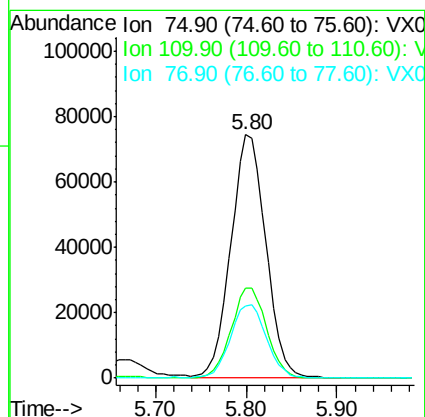
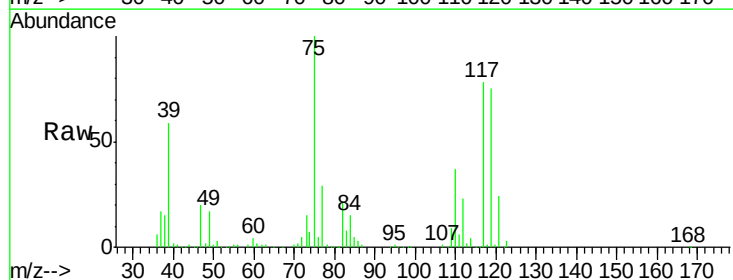
Instrument :
MSVOA_X
ClientSampleId :

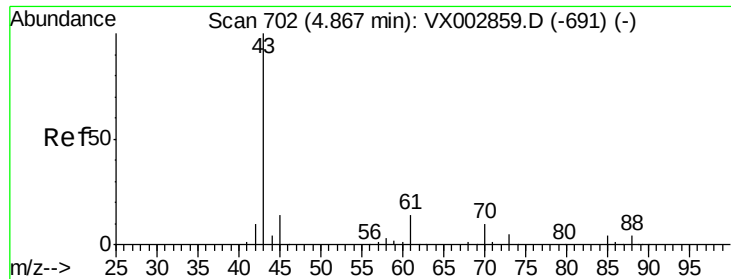
Tot Ion:113 Resp: 133429
Ion Ratio Lower Upper
113 100
111 101.7 81.4 122.0
192 24.9 19.1 28.7



#36
1,1-Dichloropropene
Concen: 51.43 ug/l
RT: 5.80 min Scan# 855
Delta R.T. -0.00 min
Lab File: VX003206.D
Acq: 06 Jul 2018 07:15

Tgt Ion: 75 Resp: 198532
Ion Ratio Lower Upper
75 100
110 37.8 18.1 54.4
77 31.1 24.3 36.5

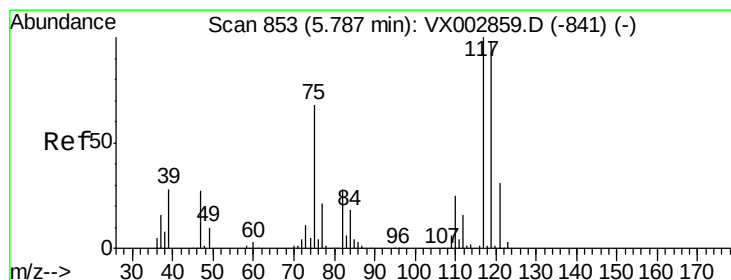
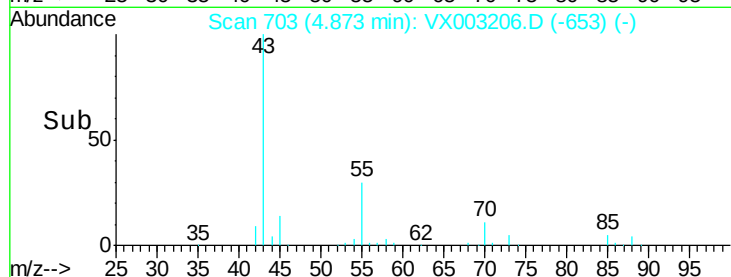
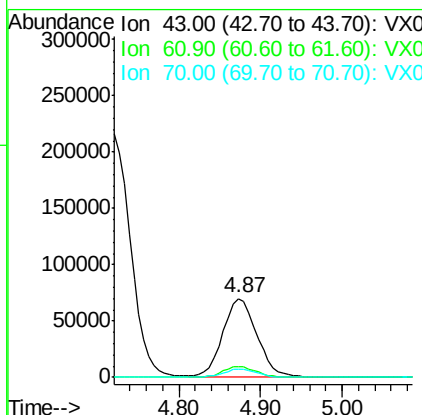
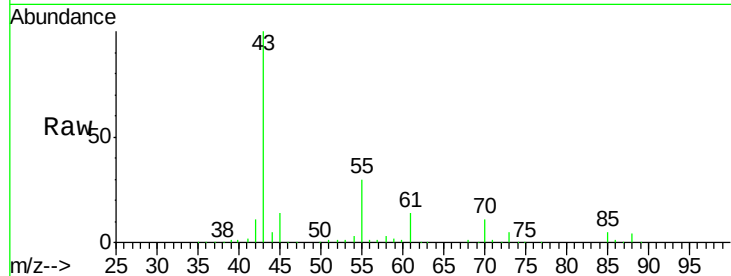




#37
Ethyl Acetate
Concen: 48.25 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.01 min
Lab File: VX003206.D
Acq: 06 Jul 2018 07:15

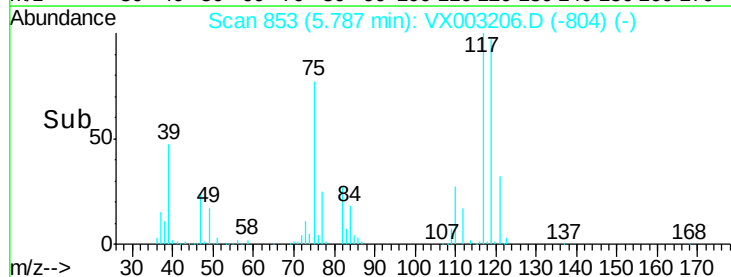
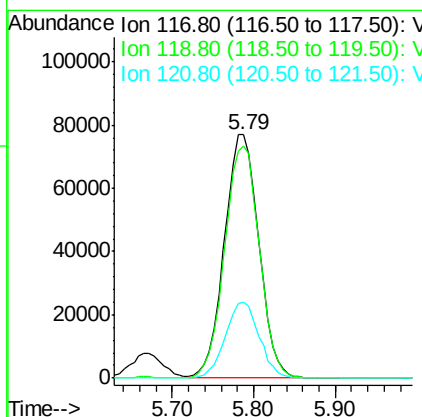
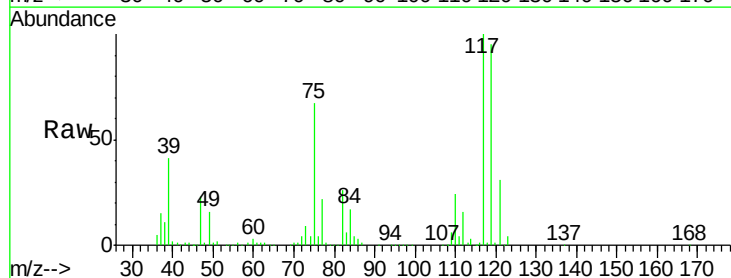
Instrument :
MSVOA_X
ClientSampled :

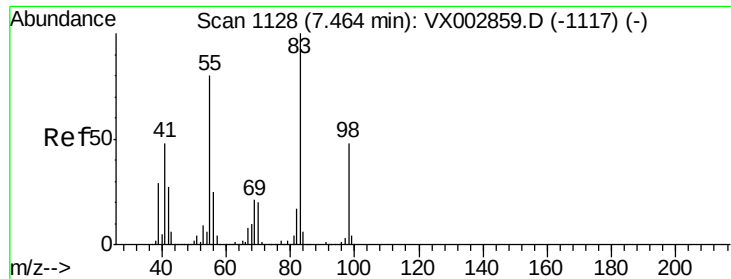
Tot Ion	43	Resp	200559
Ion Ratio	100	Lower	Upper
61	13.1	10.4	15.6
70	10.4	7.6	11.4



#38
Carbon Tetrachloride
Concen: 53.00 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX003206.D
Acq: 06 Jul 2018 07:15

Tgt Ion	117	Resp	224519
Ion Ratio	100	Lower	Upper
119	95.3	77.4	116.0
121	31.3	24.4	36.6

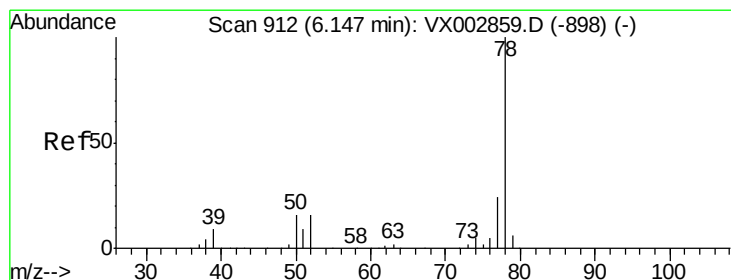
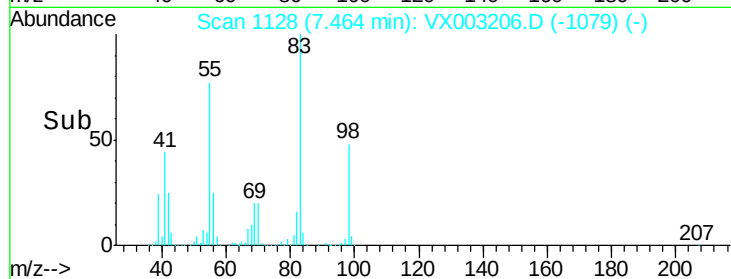
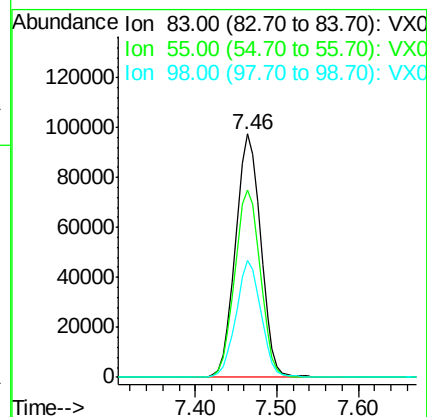
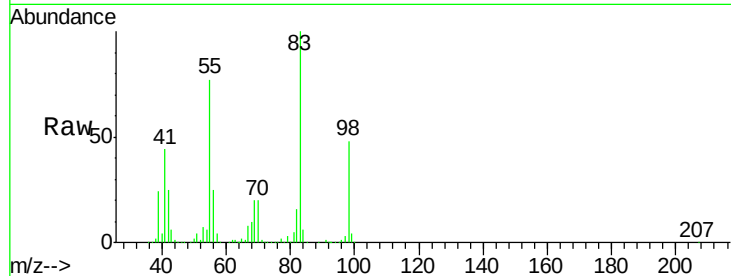




#39
Methylvlcyclohexane
Concen: 46.05 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003206.D
Acq: 06 Jul 2018 07:15

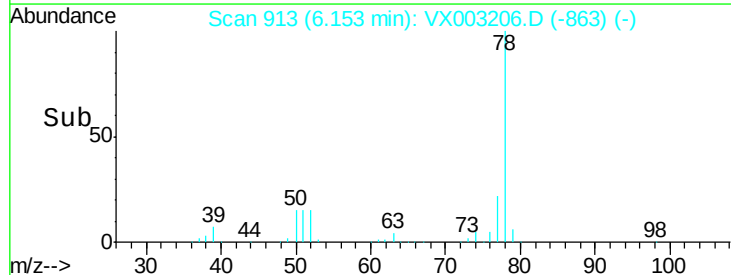
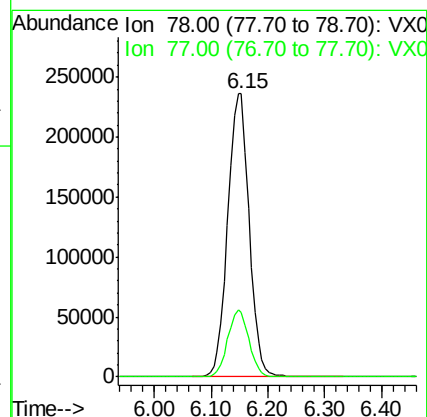
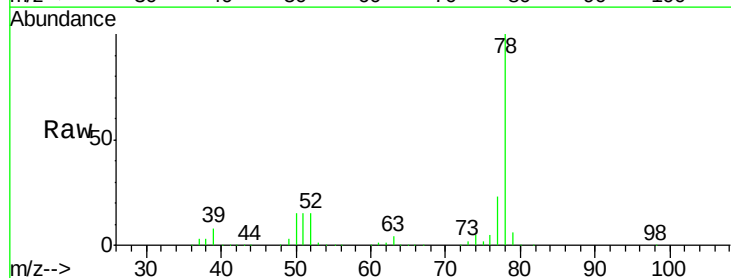
Instrument :
MSVOA_X
ClientSampleId :

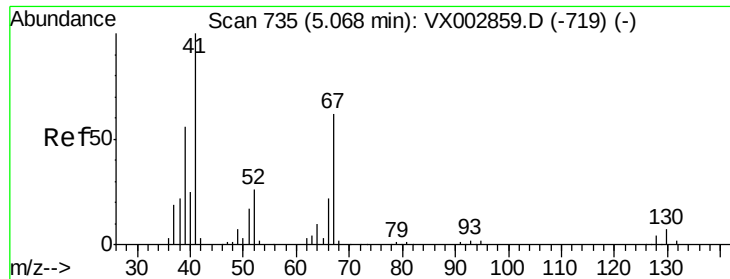
Tot Ion: 83 Resp: 207072
Ion Ratio Lower Upper
83 100
55 77.0 65.4 98.0
98 47.9 37.4 56.0



#40
Benzene
Concen: 55.16 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.01 min
Lab File: VX003206.D
Acq: 06 Jul 2018 07:15

Tgt Ion: 78 Resp: 618748
Ion Ratio Lower Upper
78 100
77 22.8 19.1 28.7





#41

Methacrylonitrile

Concen: 56.03 ug/l

RT: 5.07 min Scan# 736

Delta R.T. 0.01 min

Lab File: VX003206.D

Acq: 06 Jul 2018 07:15

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 41 Resp: 134103

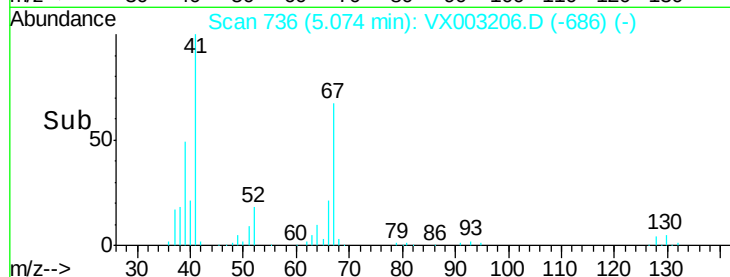
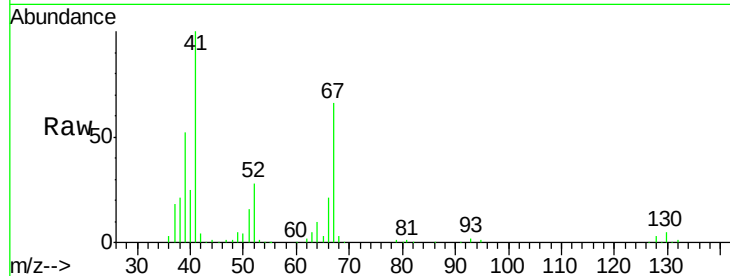
Ion Ratio Lower Upper

41 100

39 54.6 45.8 68.6

67 67.6 51.3 76.9

52 28.1 23.0 34.6

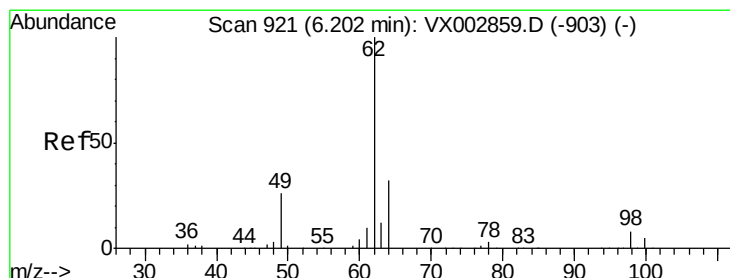
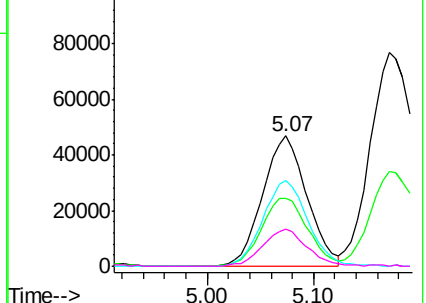


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 51.15 ug/l

RT: 6.21 min Scan# 922

Delta R.T. 0.01 min

Lab File: VX003206.D

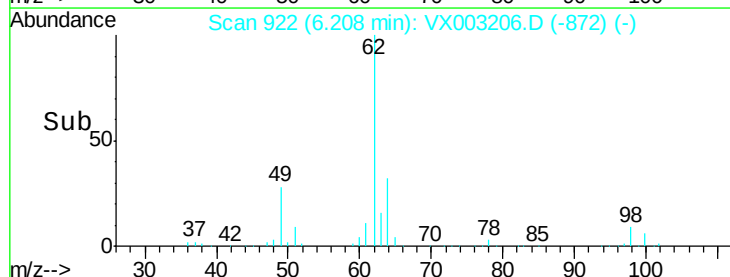
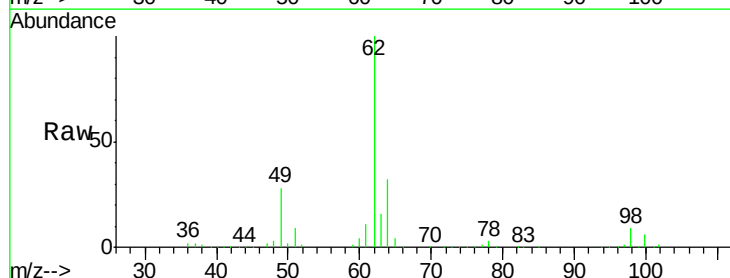
Acq: 06 Jul 2018 07:15

Tgt Ion: 62 Resp: 231769

Ion Ratio Lower Upper

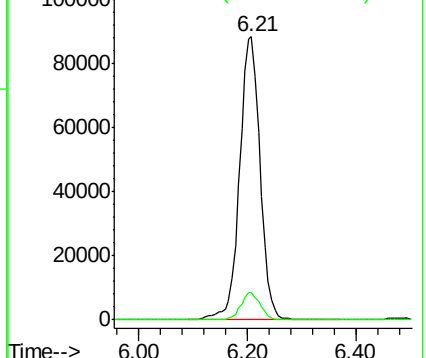
62 100

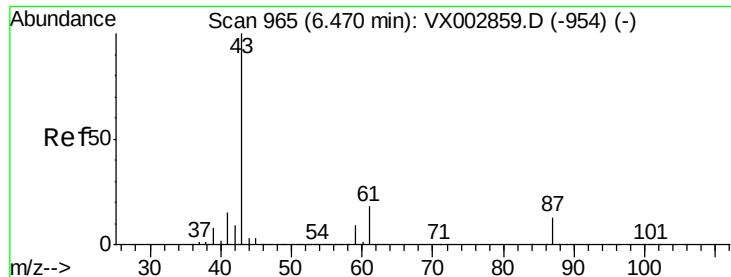
98 9.0 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 48.96 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX003206.D

Acq: 06 Jul 2018 07:15

Instrument :

MSVOA_X

ClientSampleId :

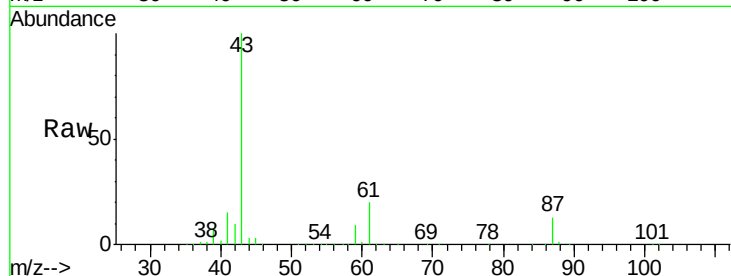
Tot Ion: 43 Resp: 341318

Ion Ratio Lower Upper

43 100

61 19.2 14.4 21.6

87 13.1 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VX002859.D (-954) (-)

Ion 61.00 (60.70 to 61.70): VX002859.D (-954) (-)

Ion 87.00 (86.70 to 87.70): VX002859.D (-954) (-)

6.48

150000

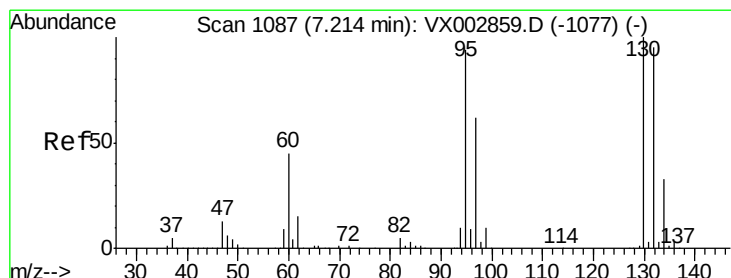
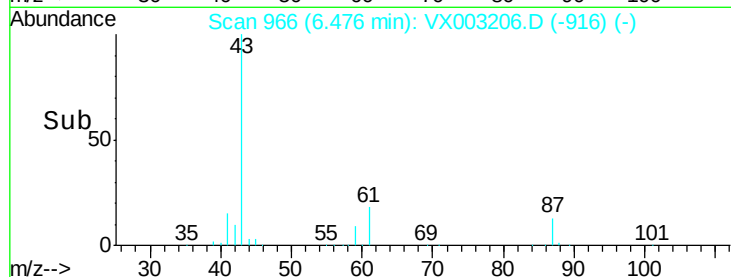
100000

50000

0

6.40 6.45 6.50 6.55 6.60

Time-->



#44

Trichloroethene

Concen: 53.25 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX003206.D

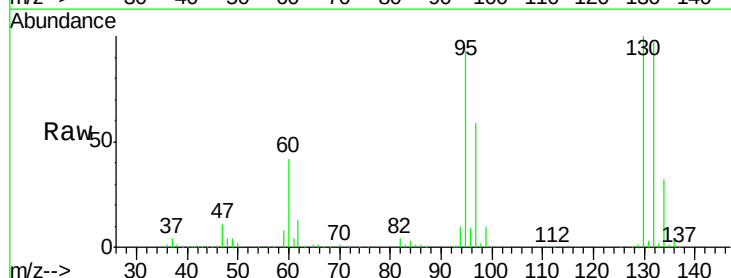
Acq: 06 Jul 2018 07:15

Tgt Ion:130 Resp: 178066

Ion Ratio Lower Upper

130 100

95 92.7 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): VX002859.D (-1077) (-)

Ion 94.90 (94.60 to 95.60): VX002859.D (-1077) (-)

7.22

80000

60000

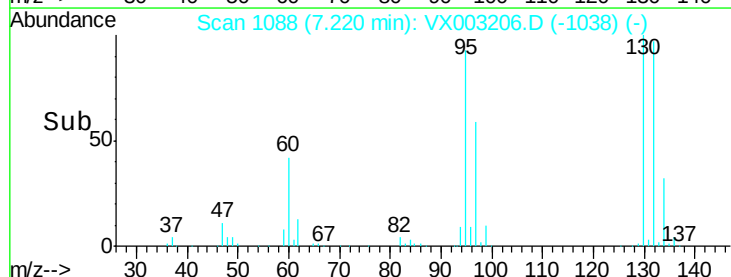
40000

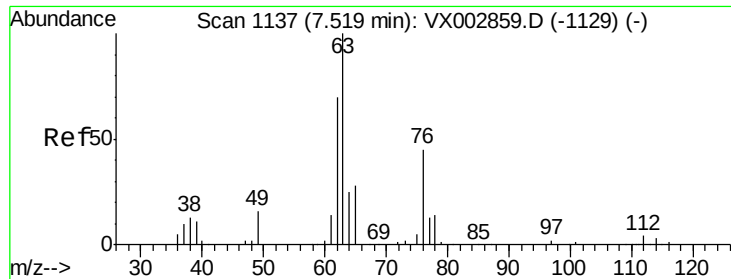
20000

0

7.10 7.20 7.30

Time-->

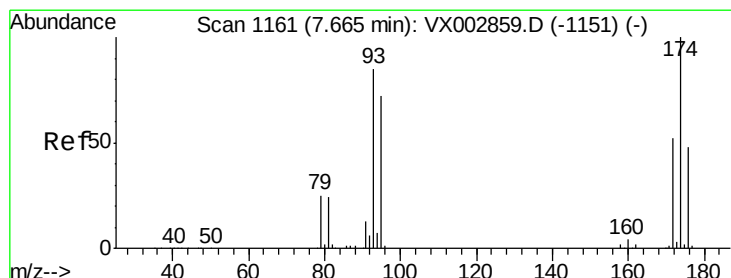
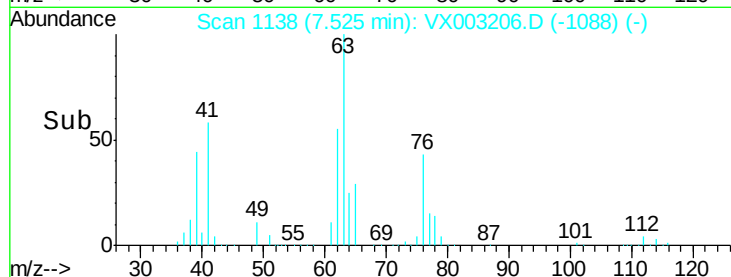
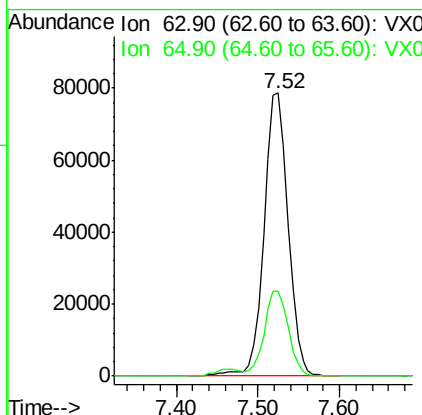
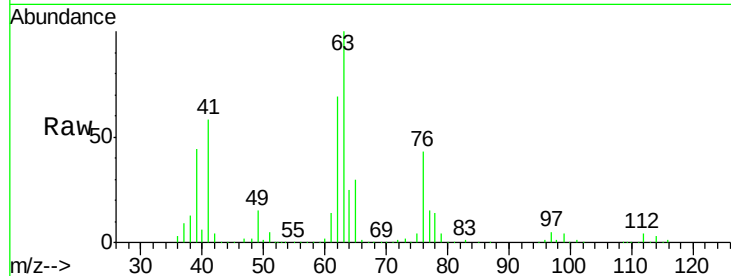




#45
 1,2-Dichloropropane
 Concen: 54.28 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.01 min
 Lab File: VX003206.D
 Acq: 06 Jul 2018 07:15

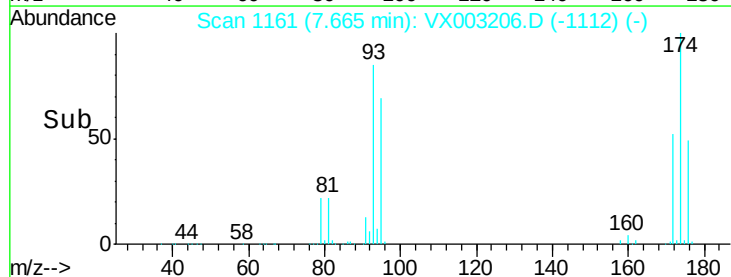
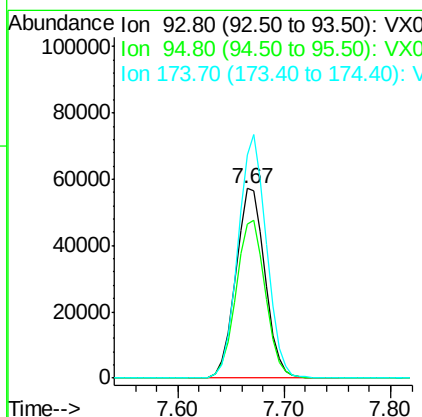
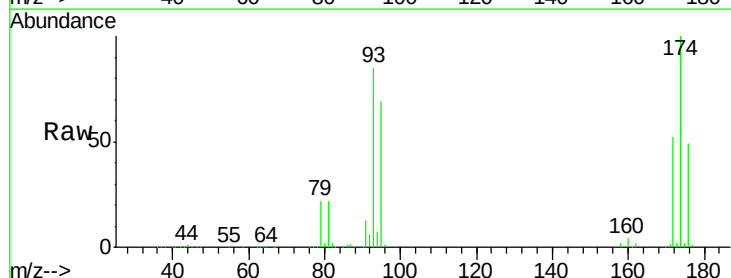
Instrument :
 MSVOA_X
 ClientSampled :

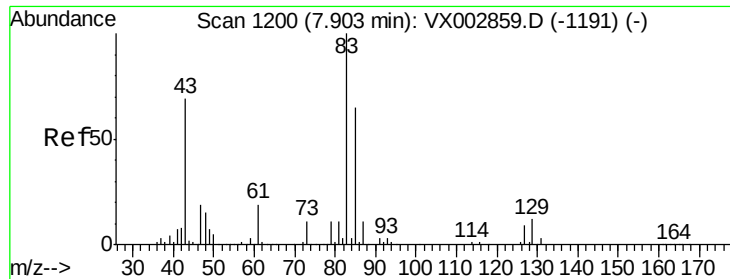
Tot Ion: 63 Resp: 161507
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.7 37.1



#46
 Dibromomethane
 Concen: 53.60 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX003206.D
 Acq: 06 Jul 2018 07:15

Tgt Ion: 93 Resp: 110680
 Ion Ratio Lower Upper
 93 100
 95 83.7 65.9 98.9
 174 124.6 92.4 138.6





#47

Bromodichloromethane

Concen: 55.38 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003206.D

Acq: 06 Jul 2018 07:15

Instrument :

MSVOA_X

ClientSampled :

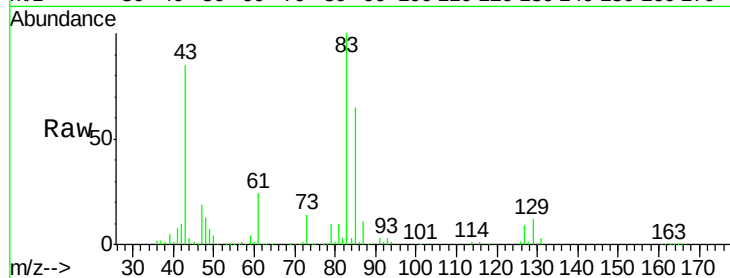
Tot Ion: 83 Resp: 211423

Ion Ratio Lower Upper

83 100

85 64.8 50.3 75.5

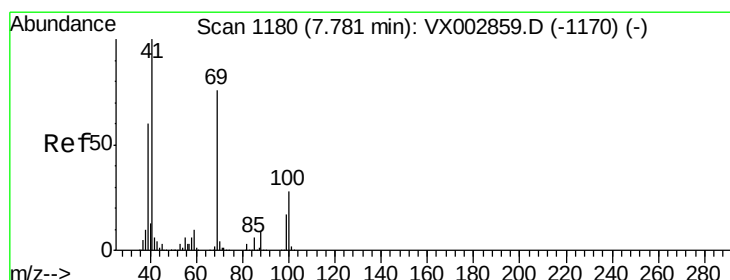
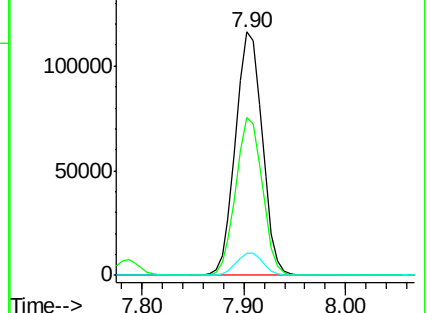
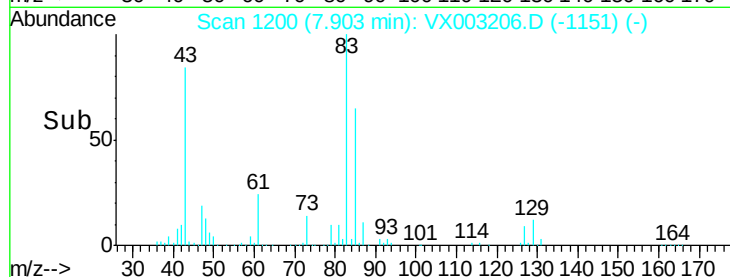
127 9.3 7.0 10.4



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: 54.58 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VX003206.D

Acq: 06 Jul 2018 07:15

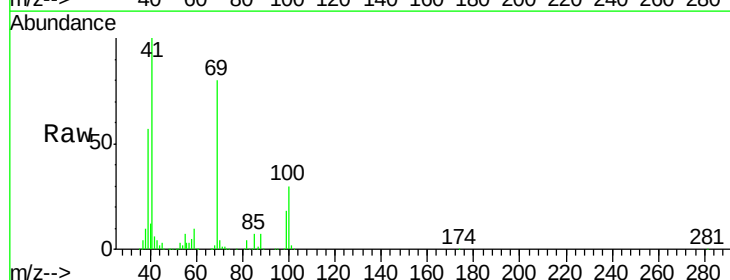
Tgt Ion: 41 Resp: 196051

Ion Ratio Lower Upper

41 100

69 79.9 59.1 88.7

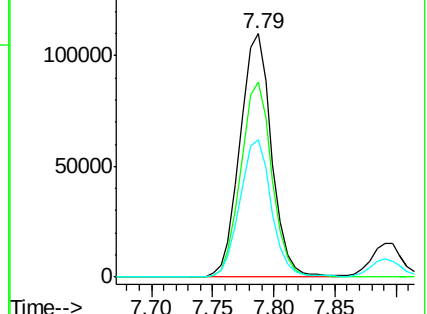
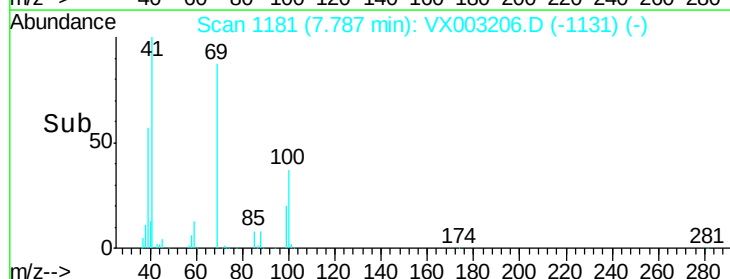
39 56.5 48.9 73.3

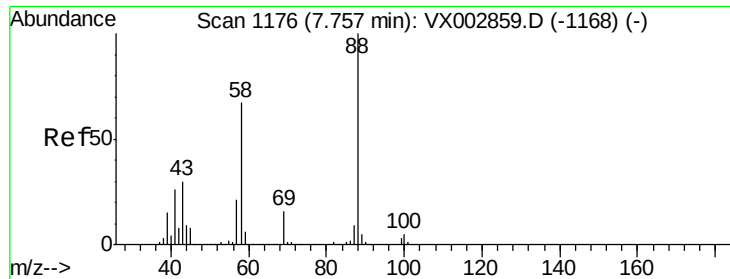


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

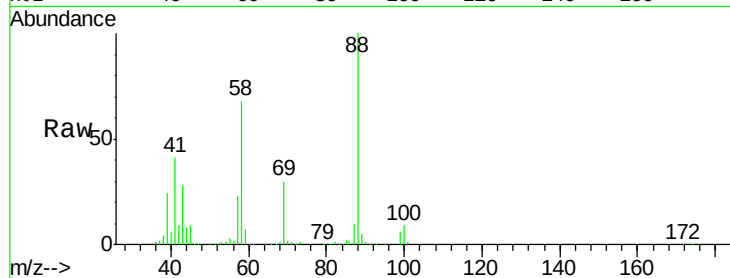




#49
1,4-Dioxane
Concen: 1029.80 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX003206.D
Acq: 06 Jul 2018 07:15

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.2	29.8	44.6
58	70.5	57.1	85.7

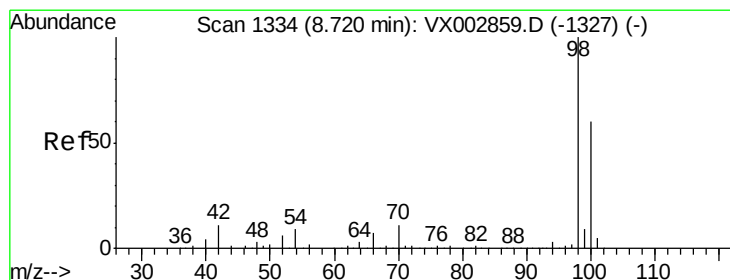
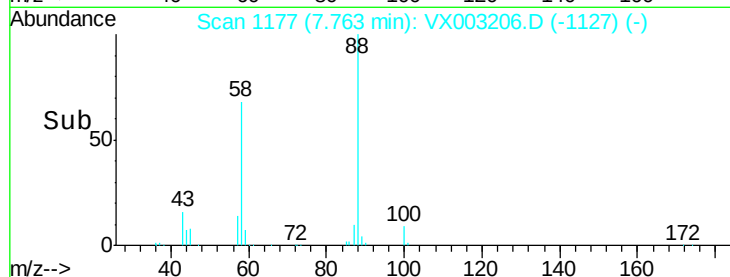
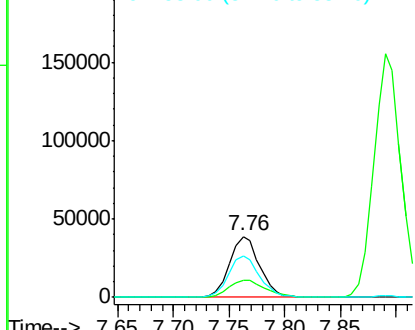


Abundance

Ion 88.00 (87.70 to 88.70): VX0

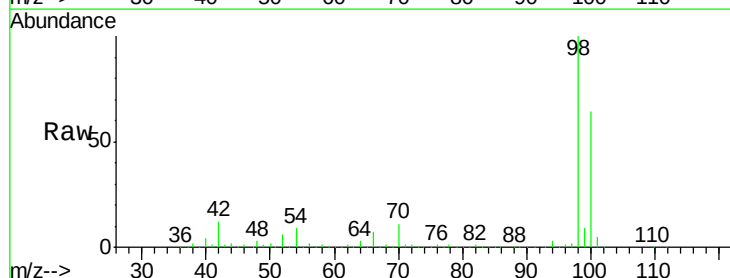
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 40.20 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003206.D
Acq: 06 Jul 2018 07:15

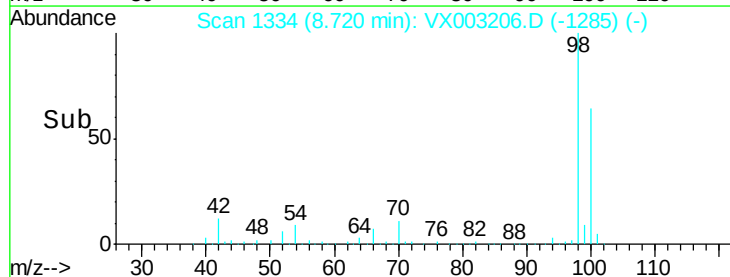
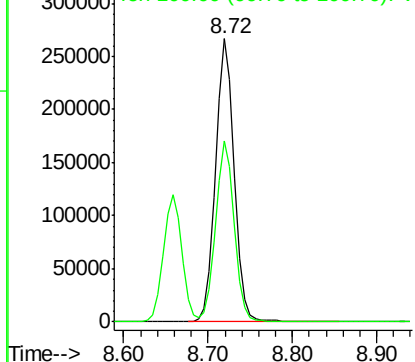
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	50.9	76.3

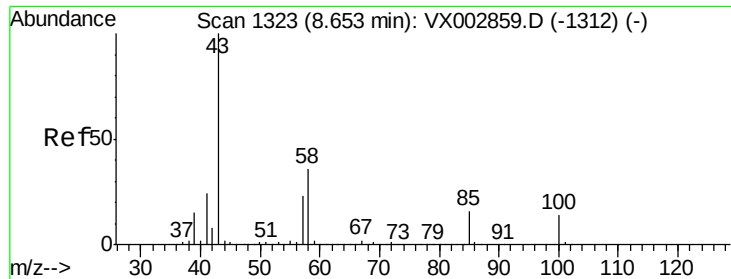


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 281.68 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.01 min

Lab File: VX003206.D

Acq: 06 Jul 2018 07:15

Instrument :

MSVOA_X

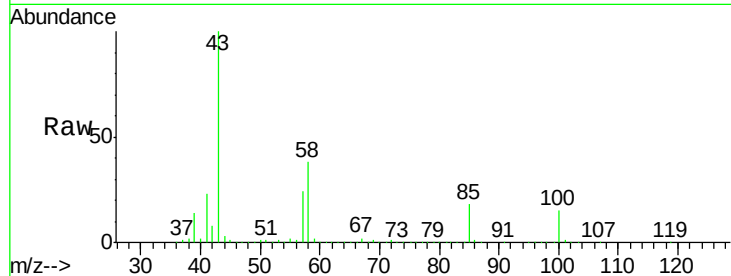
ClientSampleId :

Tot Ion: 43 Resp: 1228594

Ion Ratio Lower Upper

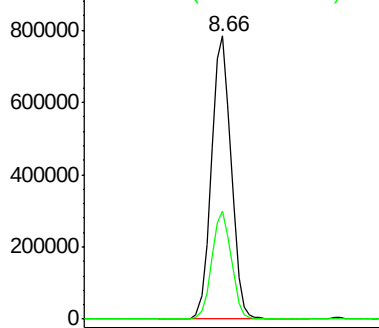
43 100

58 37.7 28.6 42.8

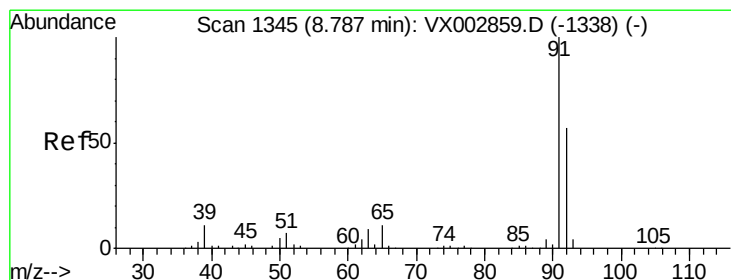
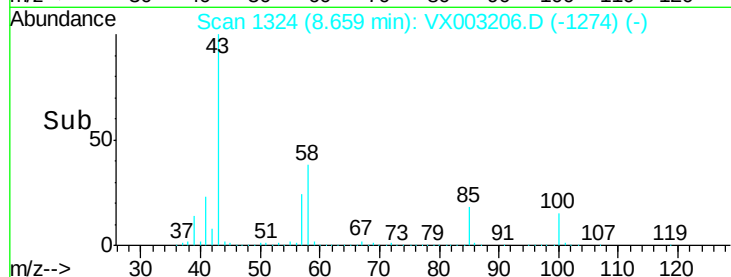


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#52

Toluene

Concen: 54.71 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX003206.D

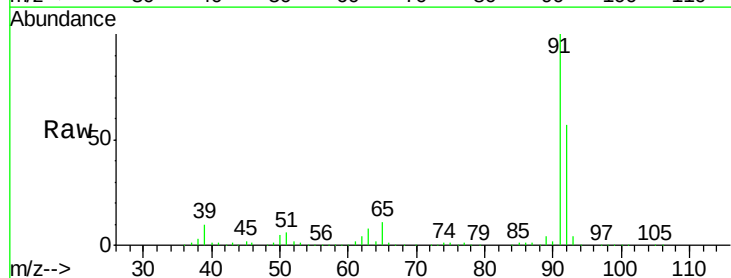
Acq: 06 Jul 2018 07:15

Tgt Ion: 92 Resp: 393102

Ion Ratio Lower Upper

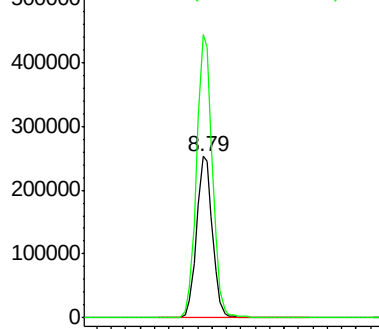
92 100

91 174.4 140.4 210.6

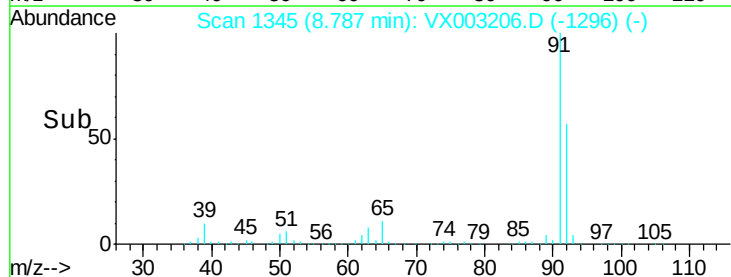


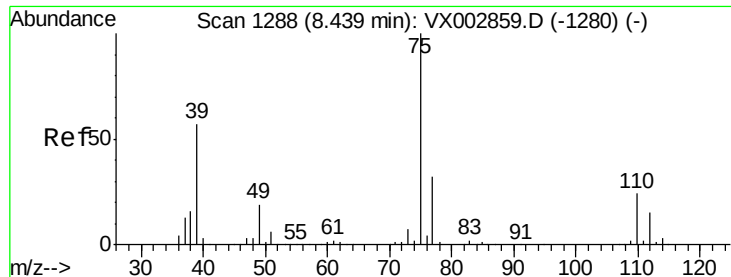
Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time-->





#53

t-1,3-Dichloropropene

Concen: 48.78 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX003206.D

Acq: 06 Jul 2018 07:15

Instrument :

MSVOA_X

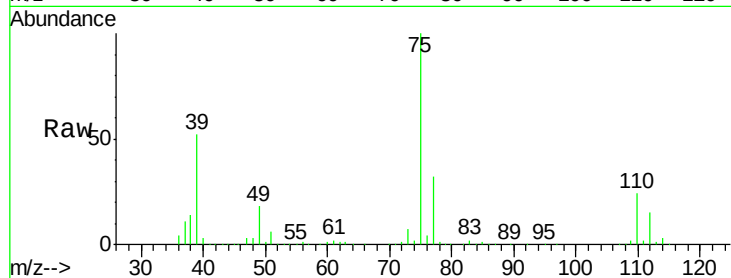
ClientSampled :

Tot Ion: 75 Resp: 210890

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.44

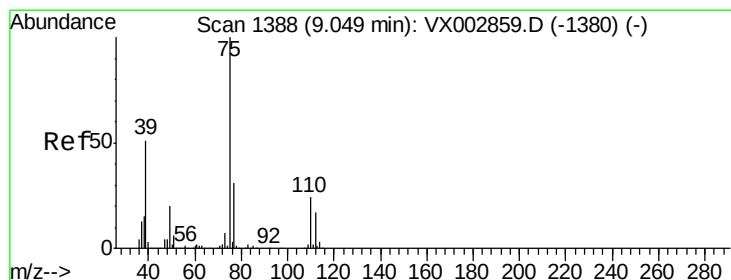
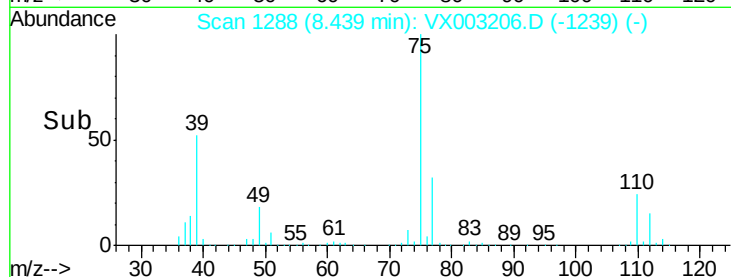
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 47.74 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX003206.D

Acq: 06 Jul 2018 07:15

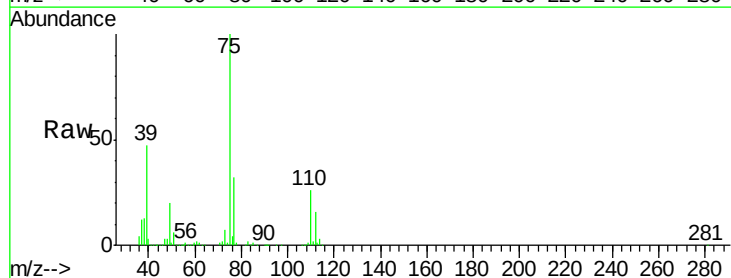
Tgt Ion: 75 Resp: 198594

Ion Ratio Lower Upper

75 100

77 32.1 24.8 37.2

39 47.1 42.4 63.6



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

9.05

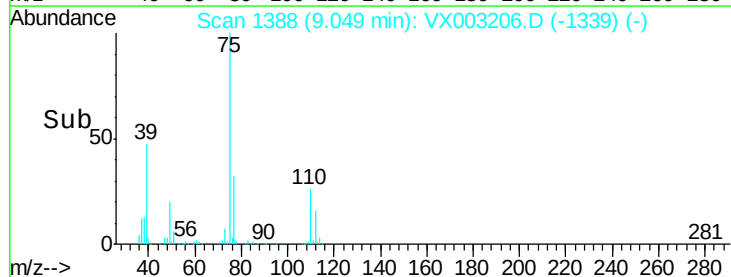
150000

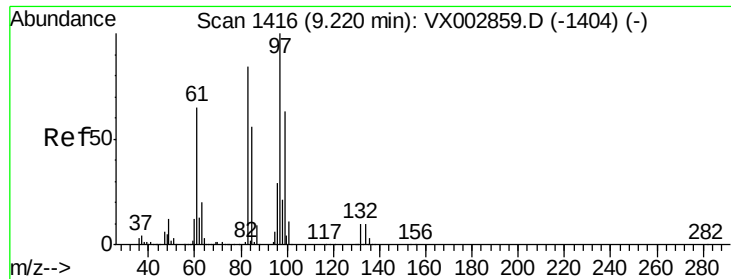
100000

50000

0

Time-->

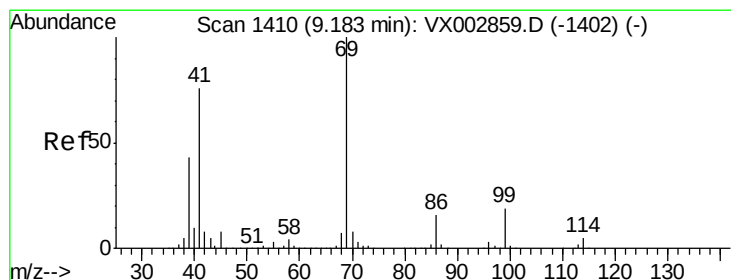
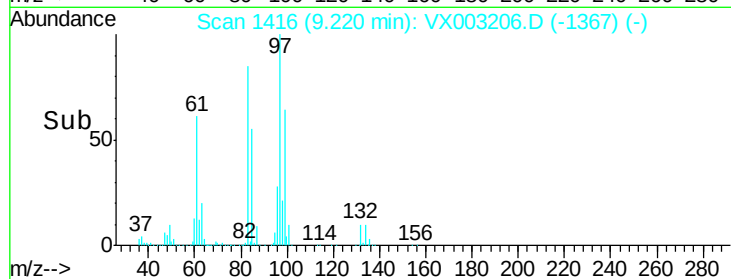
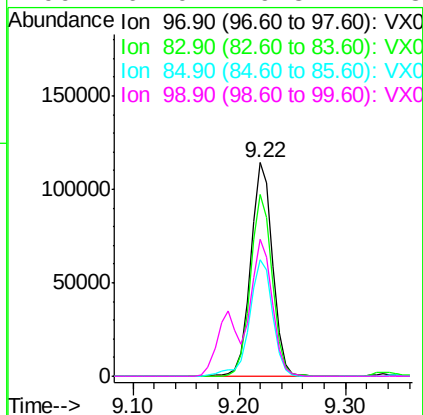
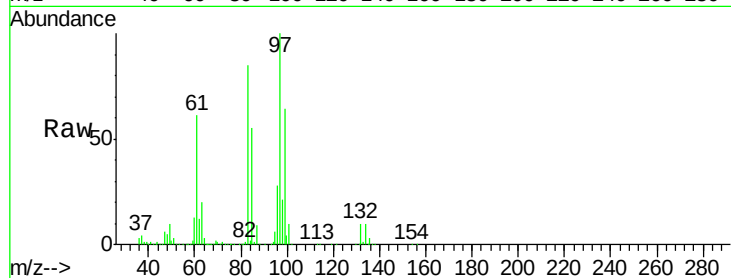




#55
 1,1,2-Trichloroethane
 Concen: 55.84 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX003206.D
 Acq: 06 Jul 2018 07:15

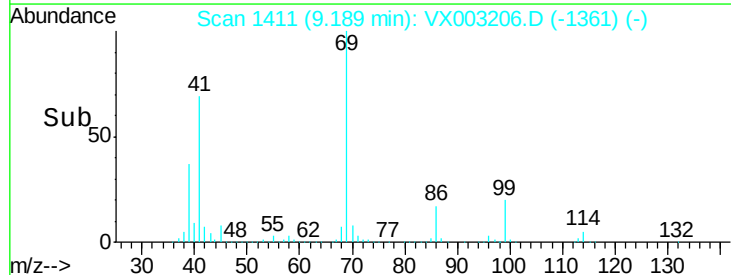
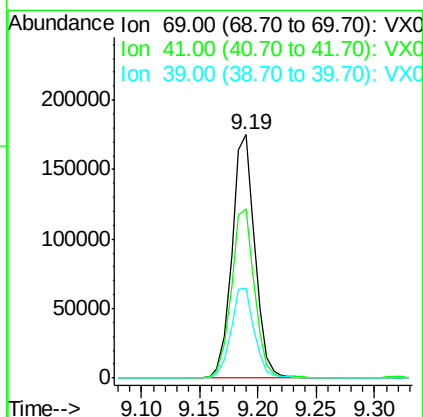
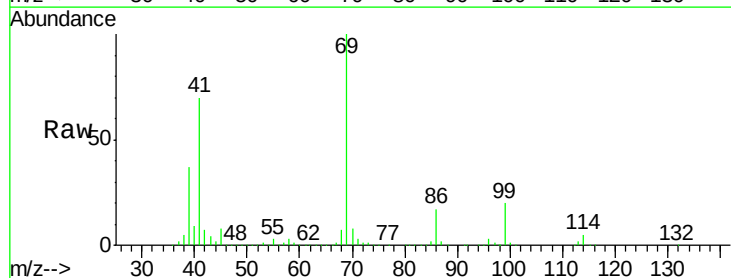
Instrument :
 MSVOA_X
 ClientSampleId :

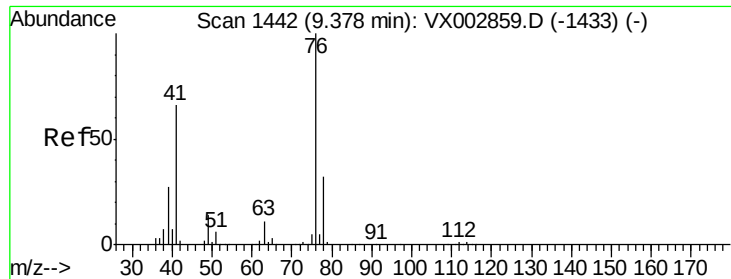
Tot Ion:	97	Resp:	164882
Ion	Ratio	Lower	Upper
97	100		
83	85.0	70.2	105.2
85	54.8	44.9	67.3
99	64.0	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 55.53 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: VX003206.D
 Acq: 06 Jul 2018 07:15

Tgt Ion:	69	Resp:	239657
Ion	Ratio	Lower	Upper
69	100		
41	70.5	60.3	90.5
39	37.7	35.8	53.8

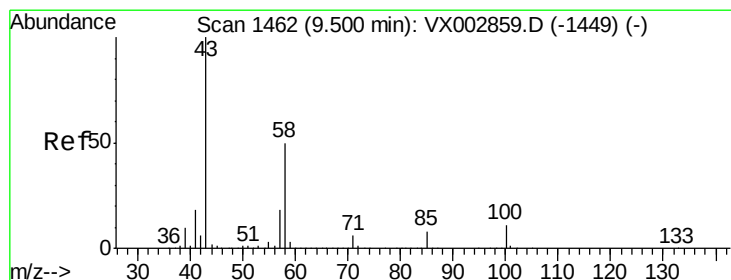
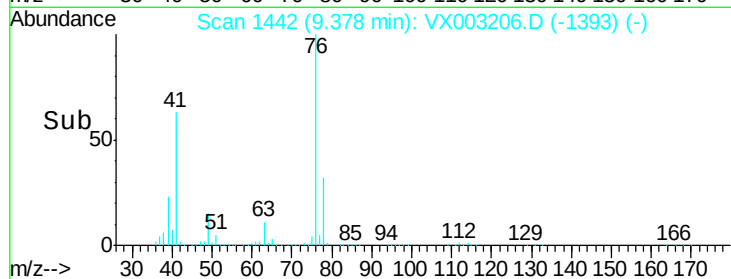
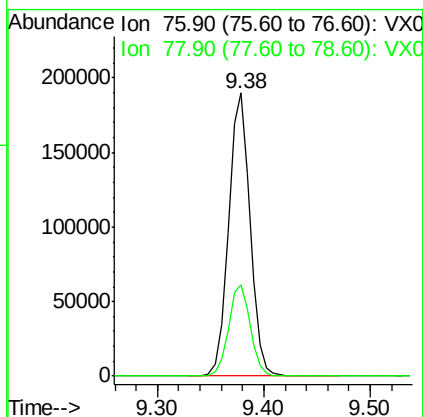
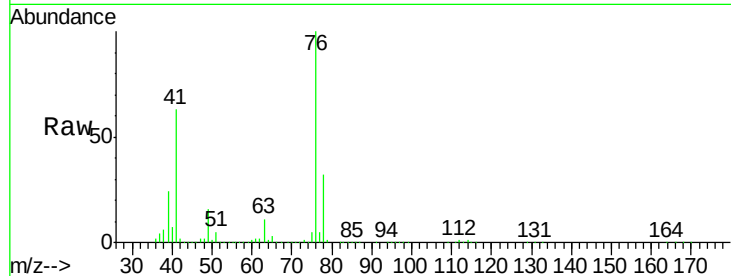




#57
 1,3-Dichloropropane
 Concen: 55.12 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX003206.D
 Acq: 06 Jul 2018 07:15

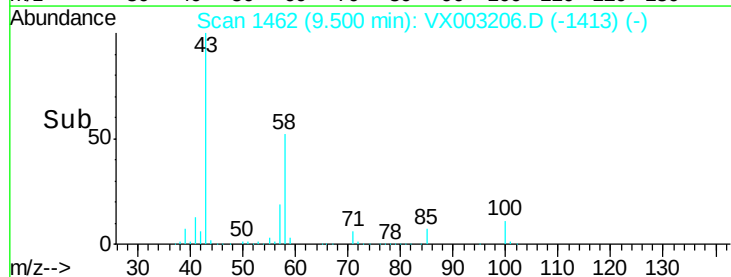
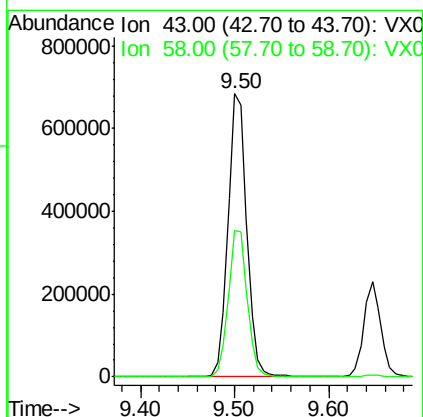
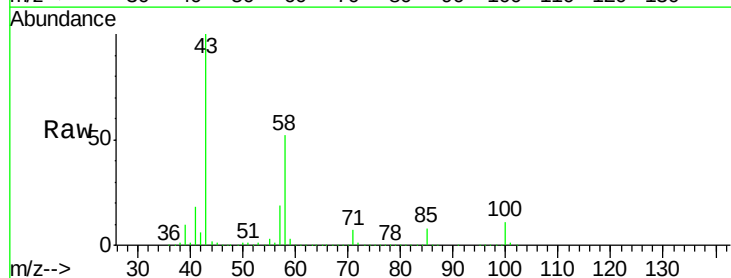
Instrument :
 MSVOA_X
 ClientSampleId :

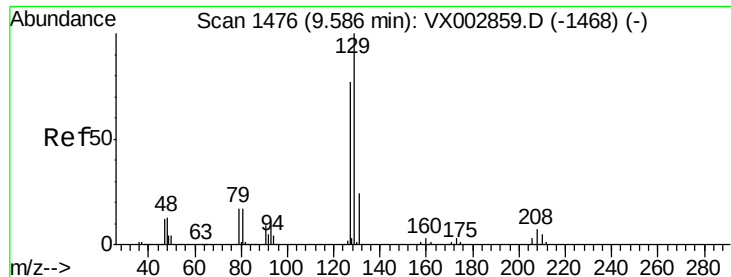
Tot Ion: 76 Resp: 267308
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.8 38.6



#59
 2-Hexanone
 Concen: 285.06 ug/l
 RT: 9.50 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: VX003206.D
 Acq: 06 Jul 2018 07:15

Tgt Ion: 43 Resp: 944931
 Ion Ratio Lower Upper
 43 100
 58 52.3 24.6 73.6





#60

Dibromochloromethane

Concen: 57.95 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. -0.00 min

Lab File: VX003206.D

Acq: 06 Jul 2018 07:15

Instrument :

MSVOA_X

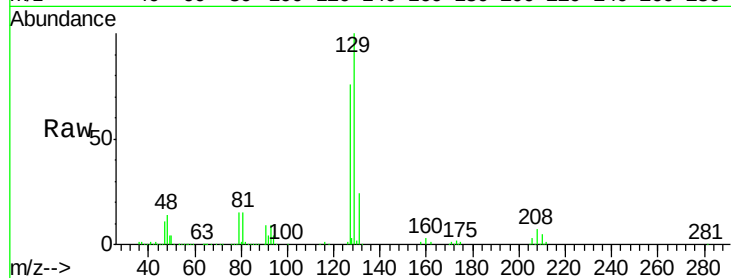
ClientSampleId :

Tot Ion:129 Resp: 180122

Ion Ratio Lower Upper

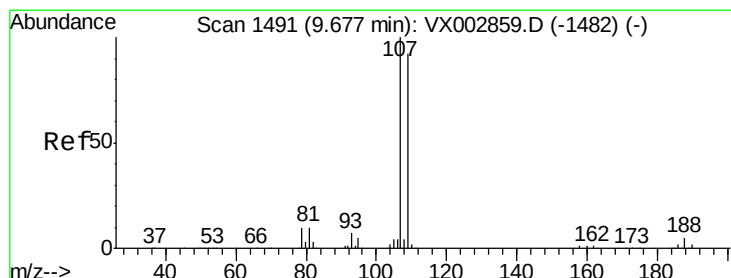
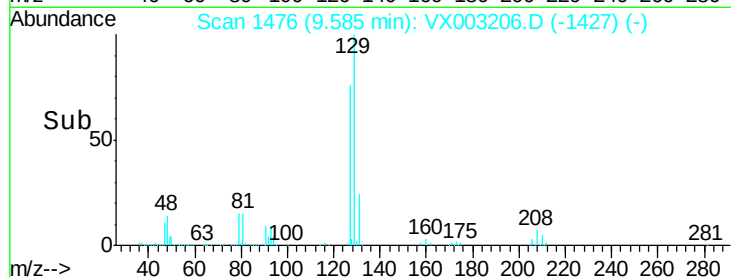
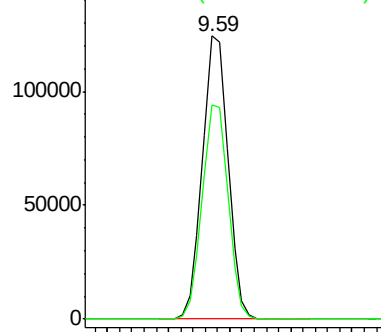
129 100

127 76.4 38.5 115.3



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 56.70 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX003206.D

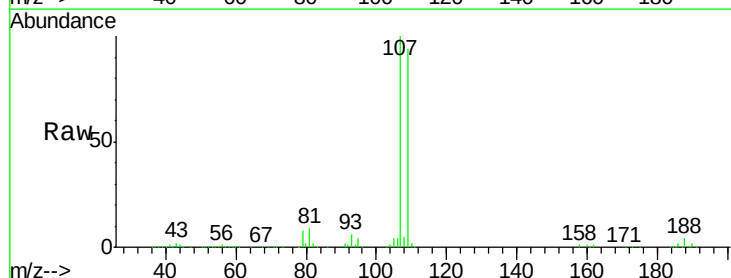
Acq: 06 Jul 2018 07:15

Tgt Ion:107 Resp: 175626

Ion Ratio Lower Upper

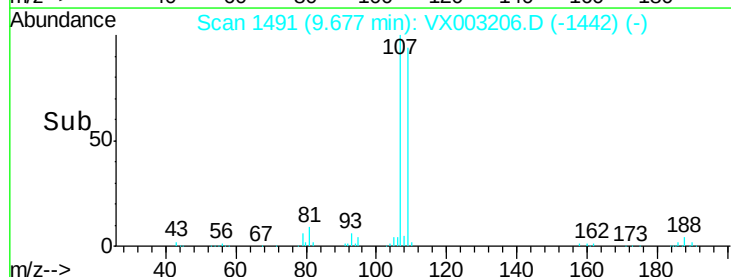
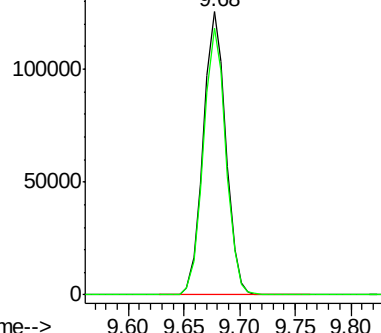
107 100

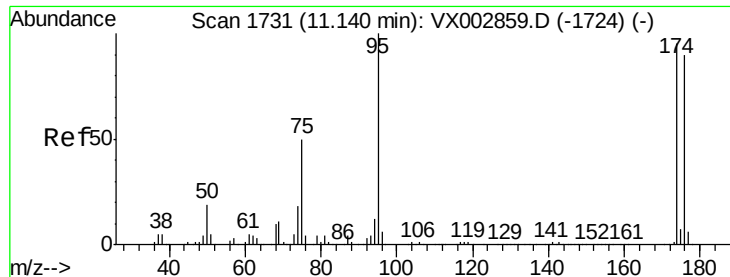
109 94.1 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

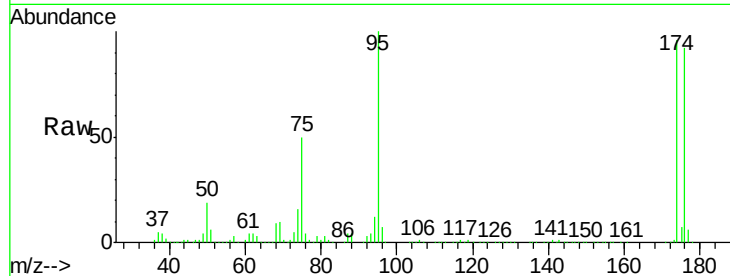




#62
4-Bromofluorobenzene
Concen: 45.36 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003206.D
Acq: 06 Jul 2018 07:15

Instrument :
MSVOA_X
ClientSampleId :

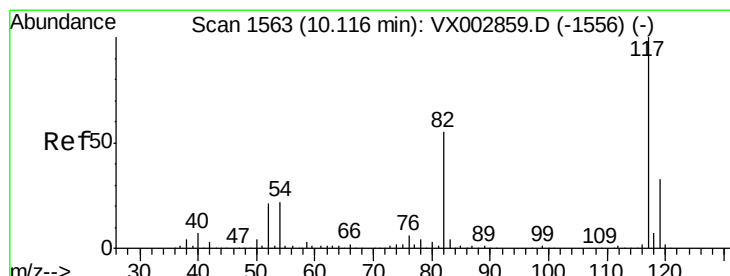
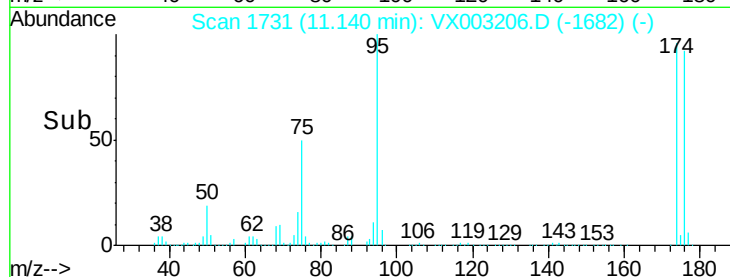
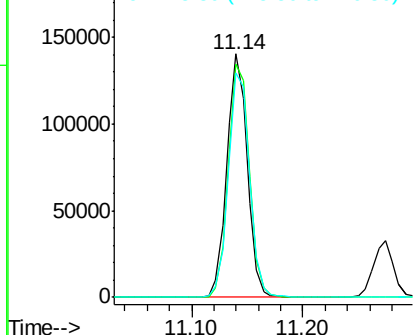
Tot Ion	Ratio	Lower	Upper
95	100		
174	98.9	0.0	187.4
176	95.9	0.0	181.0



Abundance Ion 94.90 (94.60 to 95.60): VX002859.D (-1724) (-)

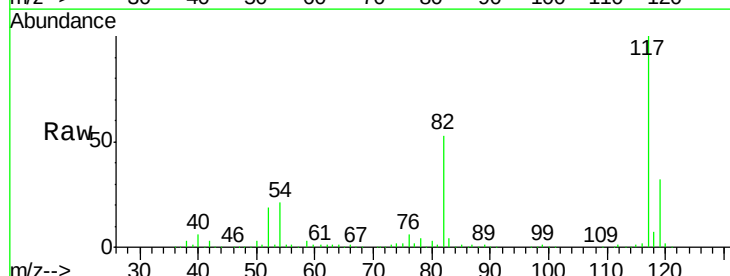
Ion 173.80 (173.50 to 174.50): VX002859.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX002859.D (-1724) (-)



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003206.D
Acq: 06 Jul 2018 07:15

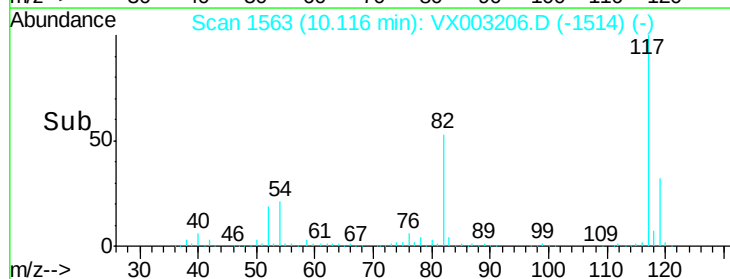
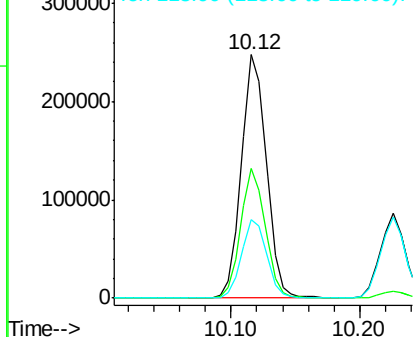
Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.3	45.0	67.4
119	32.1	25.8	38.6

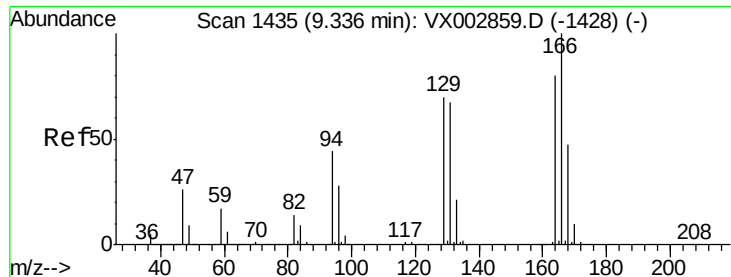


Abundance Ion 116.90 (116.60 to 117.60): VX002859.D (-1556) (-)

Ion 82.00 (81.70 to 82.70): VX002859.D (-1556) (-)

Ion 118.90 (118.60 to 119.60): VX002859.D (-1556) (-)





#64

Tetrachloroethene

Concen: 51.66 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.01 min

Lab File: VX003206.D

Acq: 06 Jul 2018 07:15

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 191120

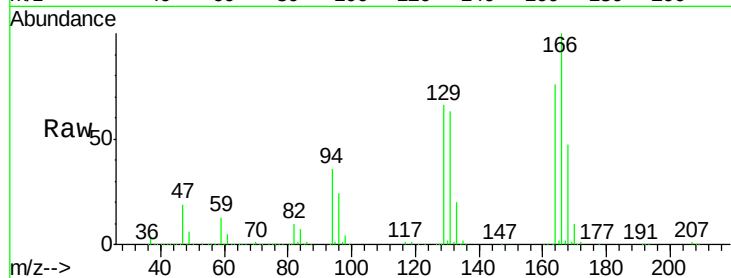
Ion Ratio Lower Upper

164 100

166 132.4 102.9 154.3

129 87.0 68.6 102.8

131 84.0 66.8 100.2

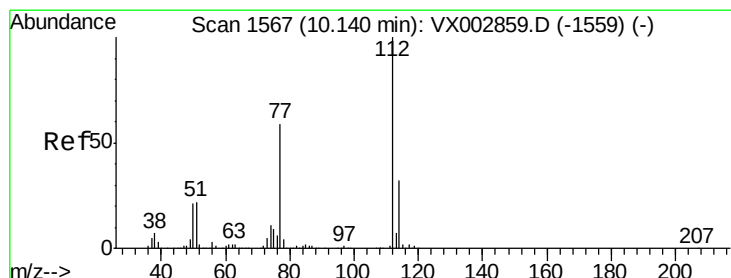
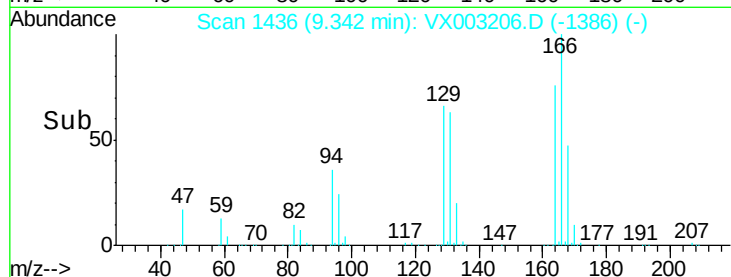
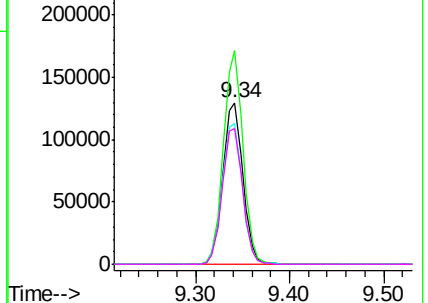


Abundance Ion 163.80 (163.50 to 164.50): V

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: 53.81 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX003206.D

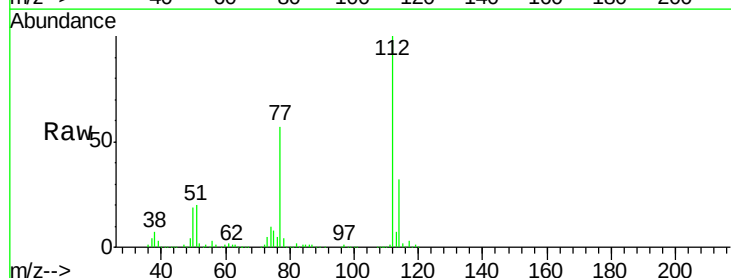
Acq: 06 Jul 2018 07:15

Tgt Ion:112 Resp: 454666

Ion Ratio Lower Upper

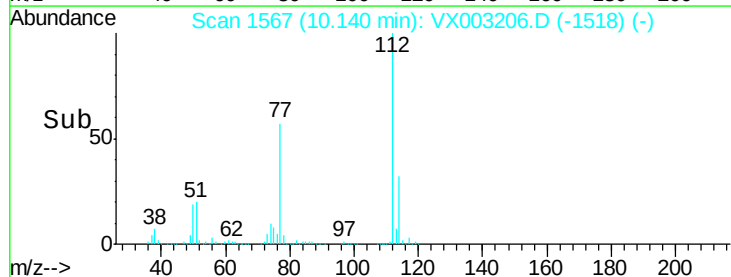
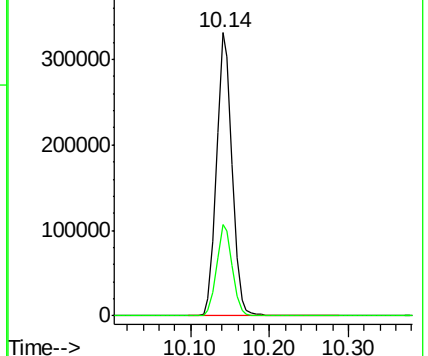
112 100

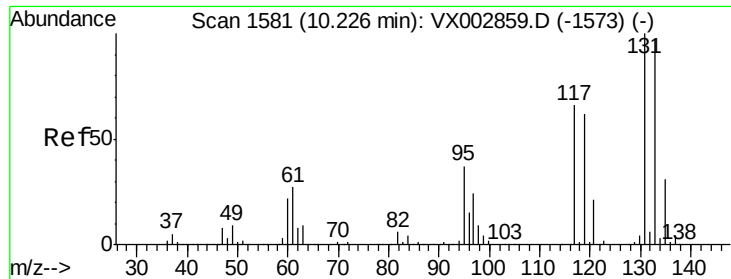
114 32.5 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

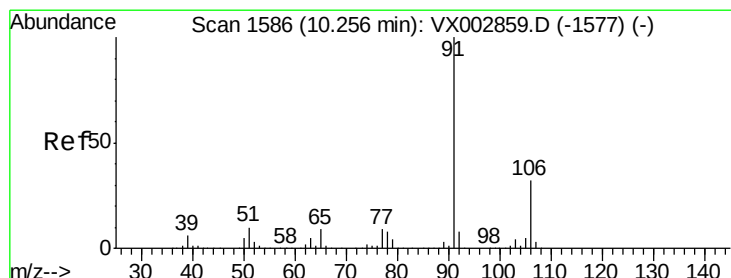
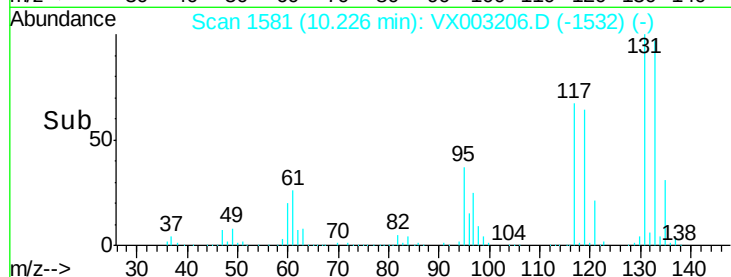
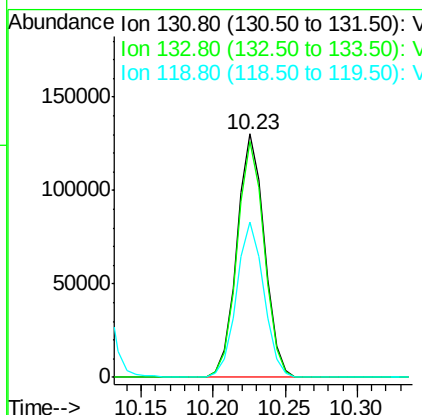
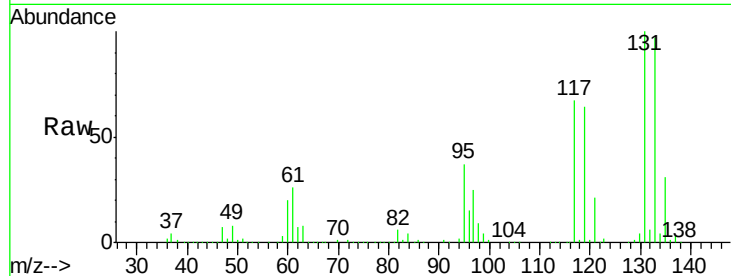




#66
 1,1,1,2-Tetrachloroethane
 Concen: 56.44 ug/l
 RT: 10.23 min Scan# 1581
 Delta R.T. -0.00 min
 Lab File: VX003206.D
 Acq: 06 Jul 2018 07:15

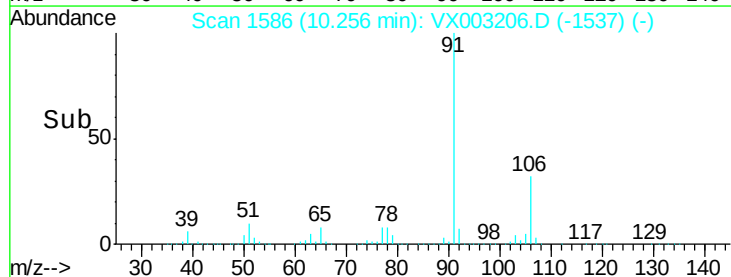
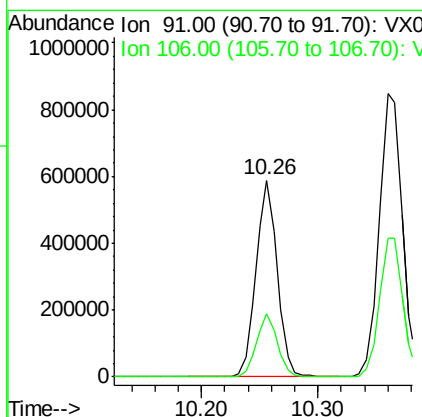
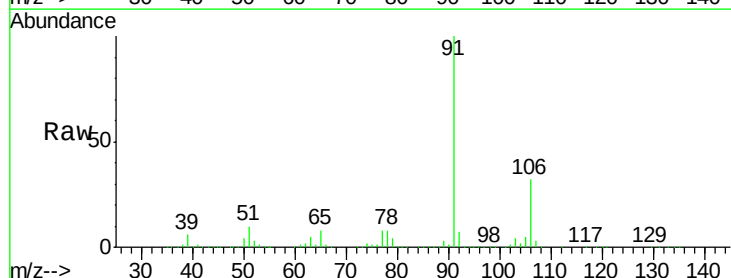
Instrument :
 MSVOA_X
 ClientSampleId :

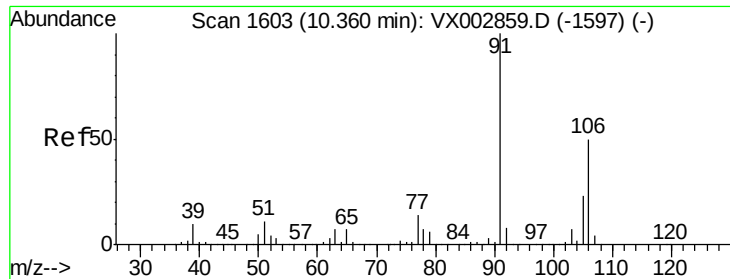
Tot Ion:131 Resp: 173260
 Ion Ratio Lower Upper
 131 100
 133 95.7 47.9 143.6
 119 63.3 31.8 95.3



#67
 Ethyl Benzene
 Concen: 53.88 ug/l
 RT: 10.26 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VX003206.D
 Acq: 06 Jul 2018 07:15

Tgt Ion: 91 Resp: 752114
 Ion Ratio Lower Upper
 91 100
 106 32.0 25.5 38.3

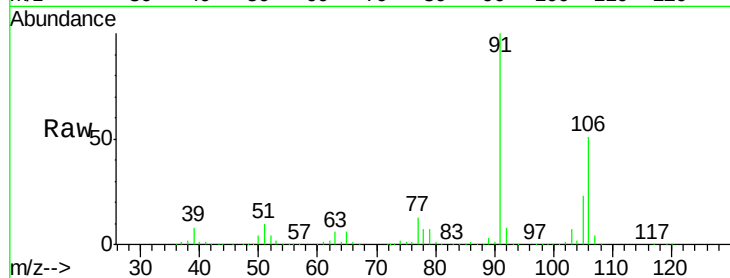




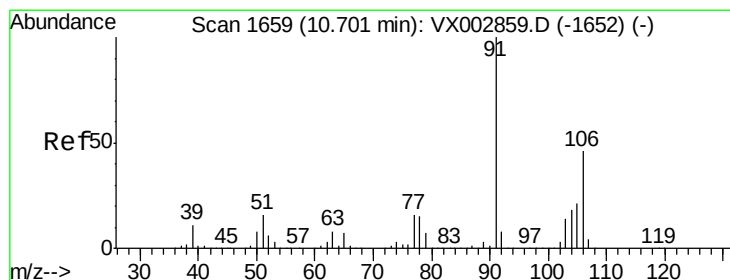
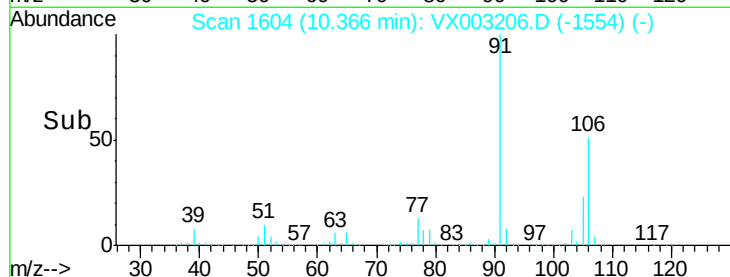
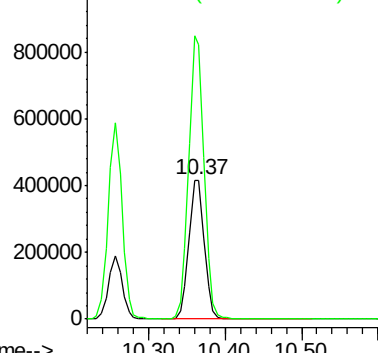
#68
m/p-Xylenes
Concen: 108.81 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VX003206.D
Acq: 06 Jul 2018 07:15

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 585362
Ion Ratio Lower Upper
106 100
91 201.1 163.4 245.2

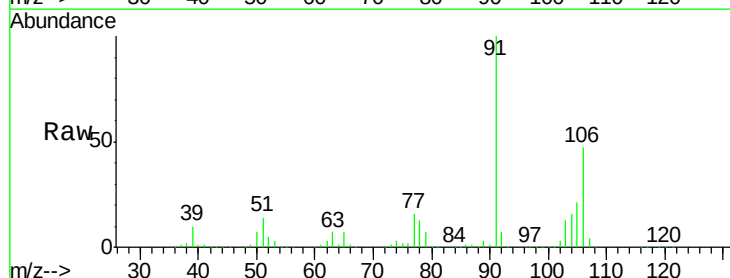


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

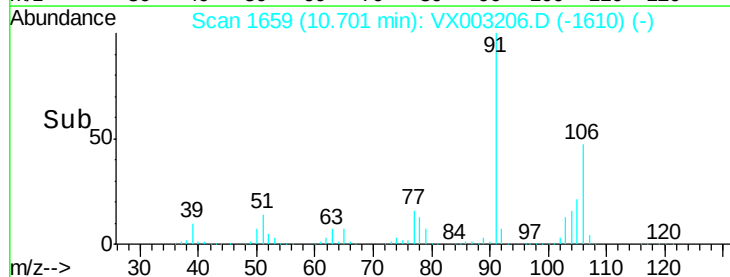
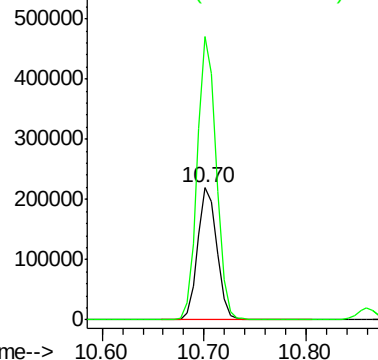


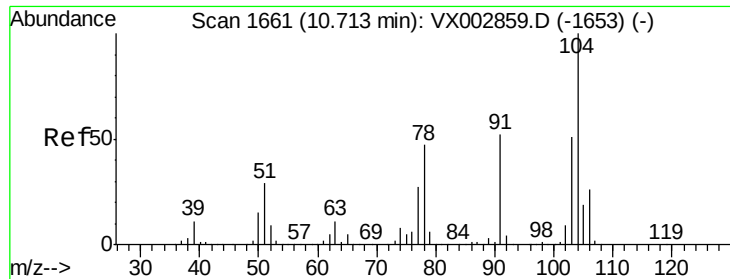
#69
o-Xylene
Concen: 54.93 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003206.D
Acq: 06 Jul 2018 07:15

Tgt Ion:106 Resp: 287723
Ion Ratio Lower Upper
106 100
91 211.1 108.2 324.6



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

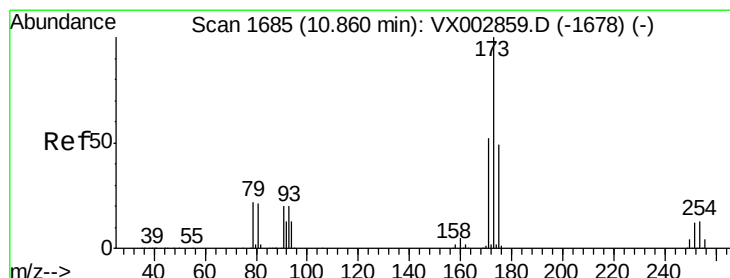
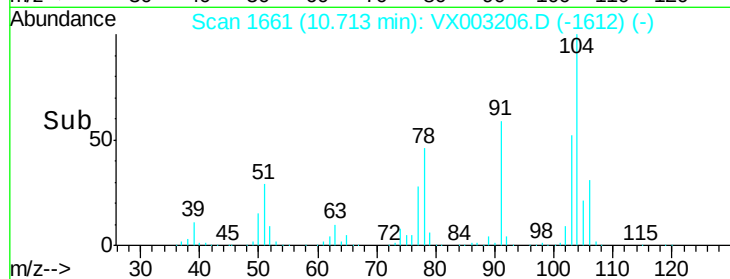
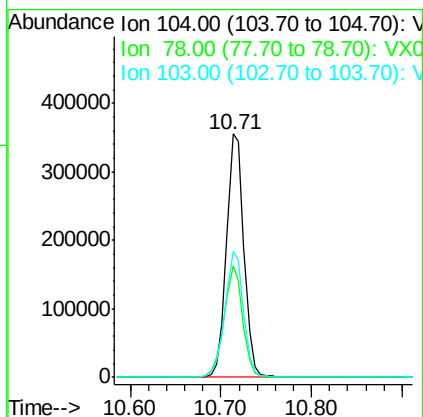
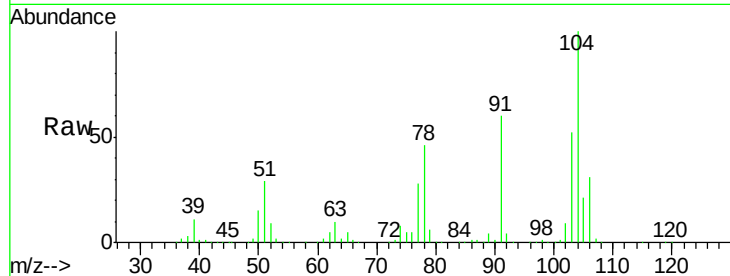




#70
Stvrene
Concen: 55.75 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003206.D
Acq: 06 Jul 2018 07:15

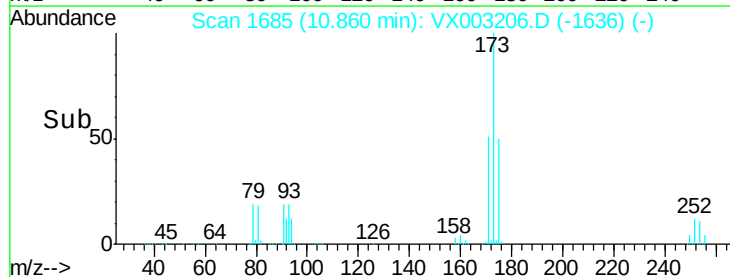
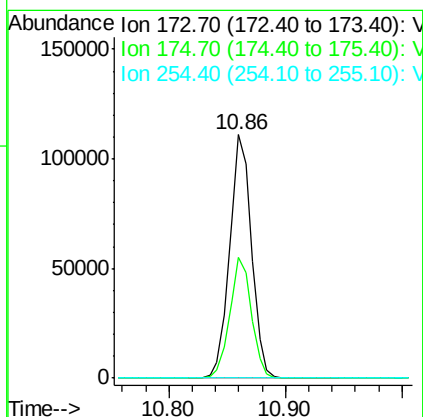
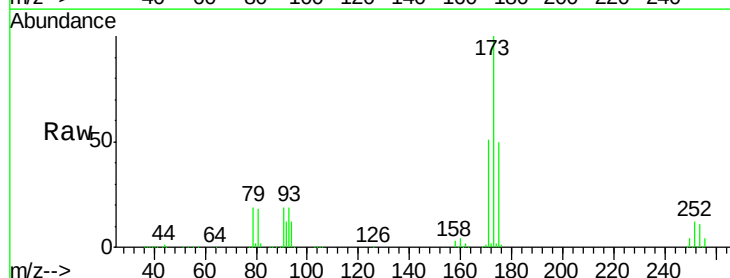
Instrument :
MSVOA_X
ClientSampled :

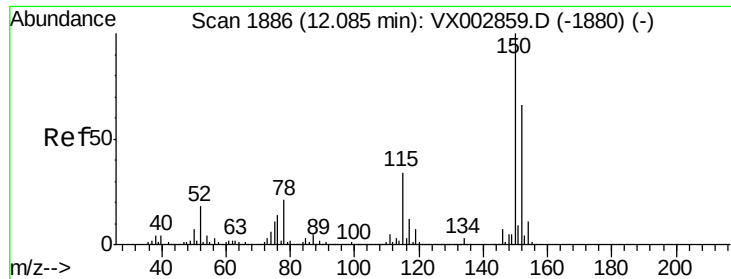
Tot Ion:104 Resp: 474574
Ion Ratio Lower Upper
104 100
78 48.8 41.0 61.6
103 55.0 44.2 66.4



#71
Bromoform
Concen: 51.96 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003206.D
Acq: 06 Jul 2018 07:15

Tgt Ion:173 Resp: 144578
Ion Ratio Lower Upper
173 100
175 49.1 24.7 74.1
254 0.2 0.2 0.2



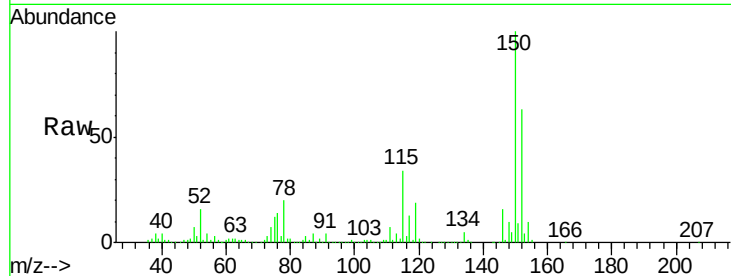


#72

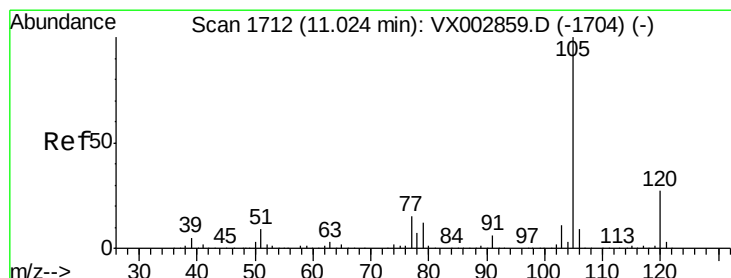
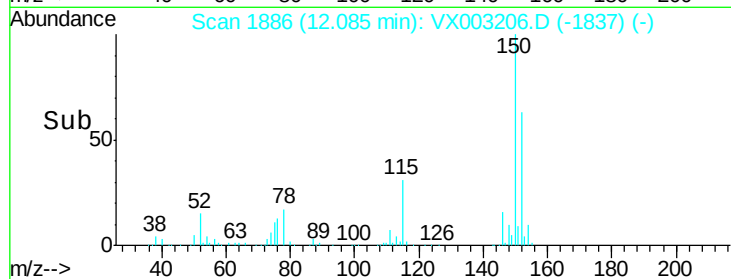
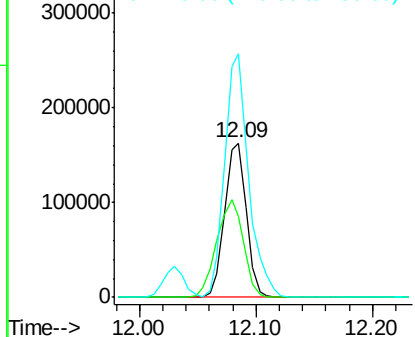
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX003206.D
Acq: 06 Jul 2018 07:15

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:152 Resp: 208785
Ion Ratio Lower Upper
152 100
115 77.1 40.1 120.2
150 175.5 0.0 347.2



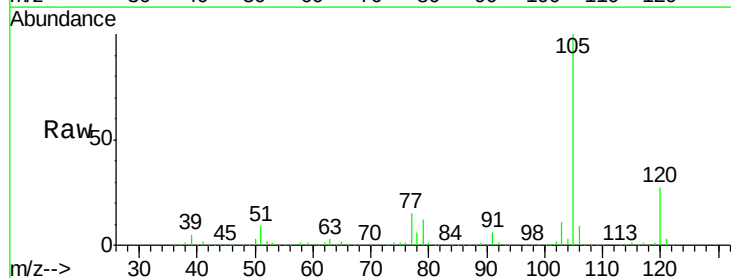
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



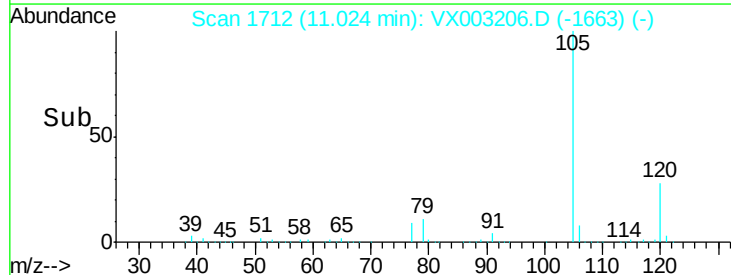
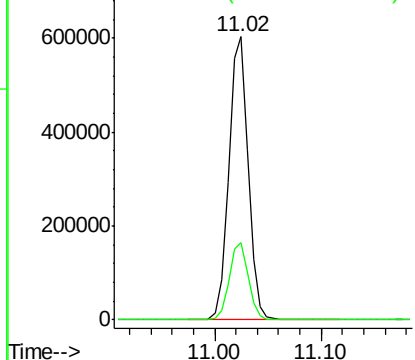
#73

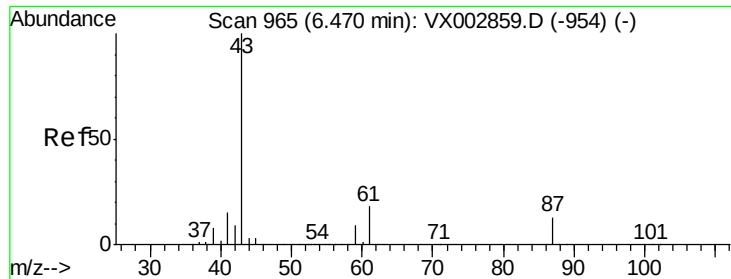
Isopropylbenzene
Concen: 54.56 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX003206.D
Acq: 06 Jul 2018 07:15

Tgt Ion:105 Resp: 766282
Ion Ratio Lower Upper
105 100
120 27.1 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

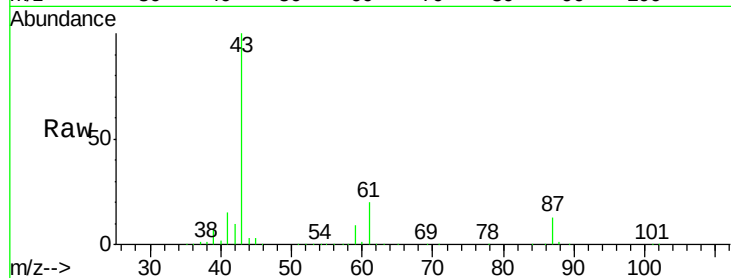




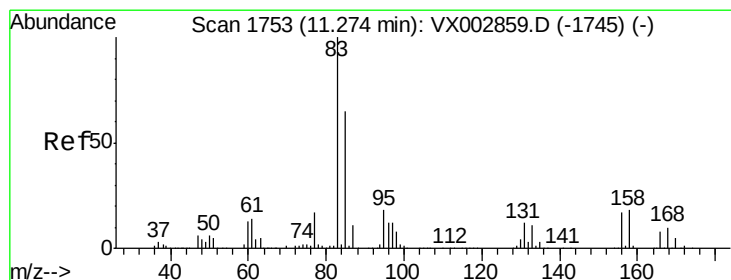
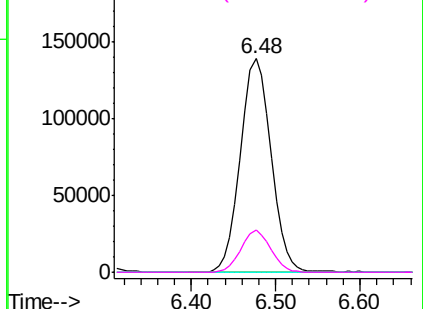
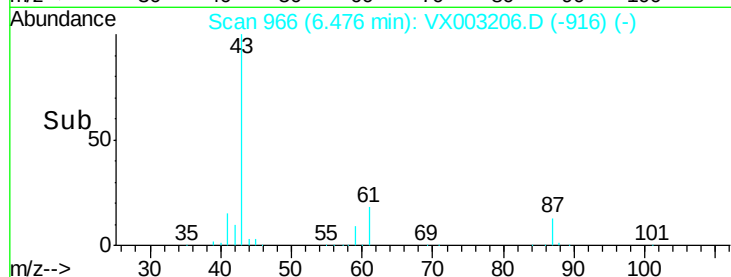
#74
N-amvl acetate
Concen: 49.67 ug/l
RT: 6.48 min Scan# 966
Delta R.T. 0.01 min
Lab File: VX003206.D
Acq: 06 Jul 2018 07:15

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 341318
Ion Ratio Lower Upper
43 100
70 0.0 0.0 0.0
55 0.1 0.0 0.0#
61 19.2 14.4 21.6

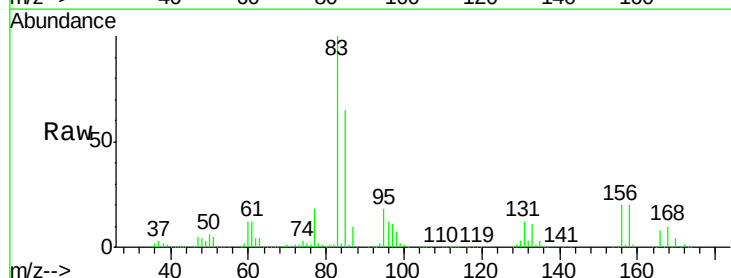


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 70.00 (69.70 to 70.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 61.00 (60.70 to 61.70): VX0

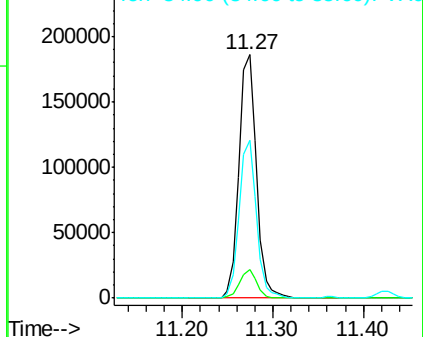
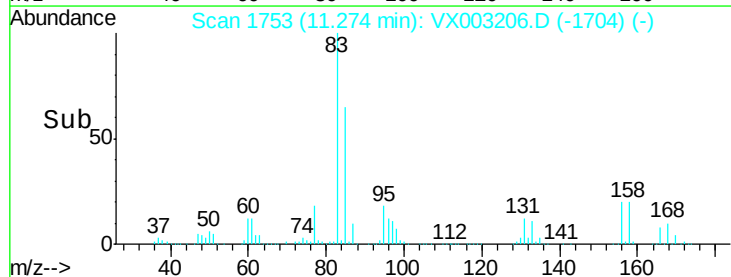


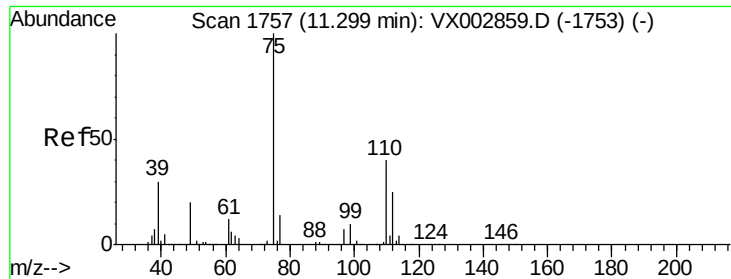
#75
1,1,2,2-Tetrachloroethane
Concen: 57.38 ug/l
RT: 11.27 min Scan# 1753
Delta R.T. -0.00 min
Lab File: VX003206.D
Acq: 06 Jul 2018 07:15

Tgt Ion: 83 Resp: 248278
Ion Ratio Lower Upper
83 100
131 11.4 5.6 16.8
85 64.2 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0

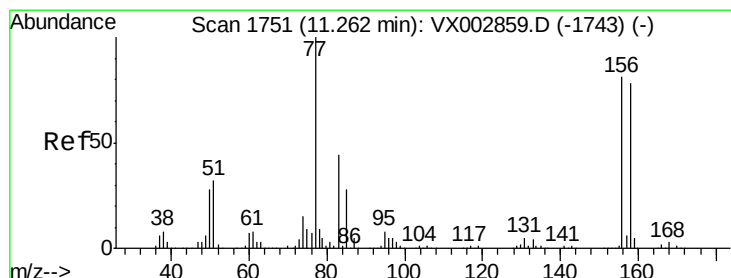
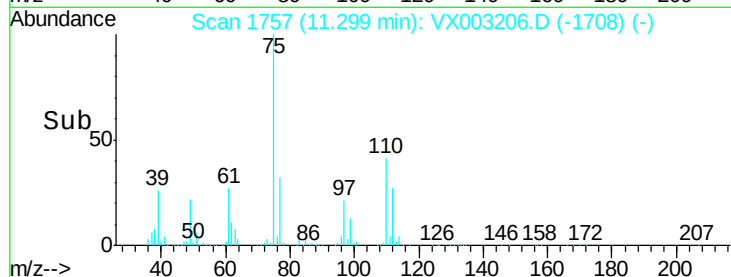
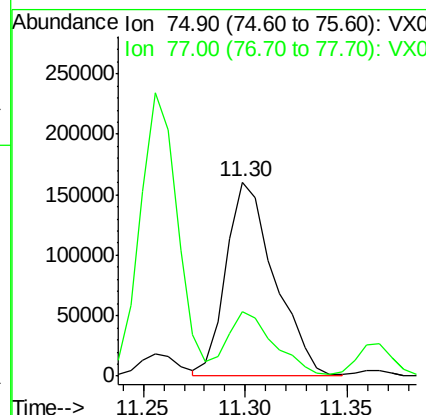
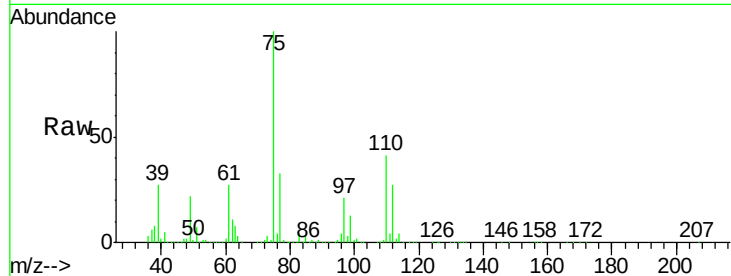




#76
 1,2,3-Trichloropropane
 Concen: 69.99 ug/l
 RT: 11.30 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VX003206.D
 Acq: 06 Jul 2018 07:15

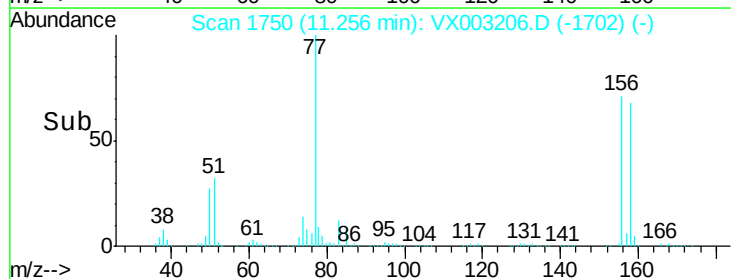
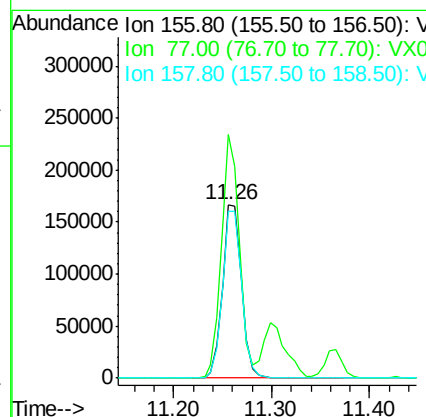
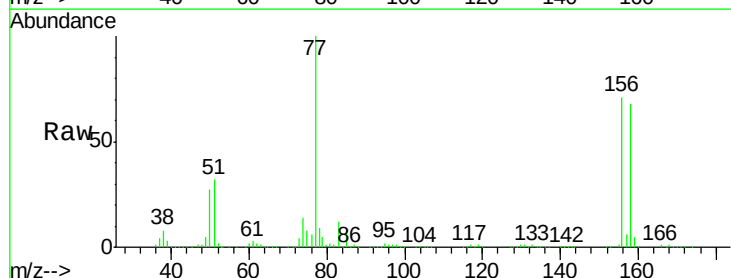
Instrument :
 MSVOA_X
 ClientSampled :

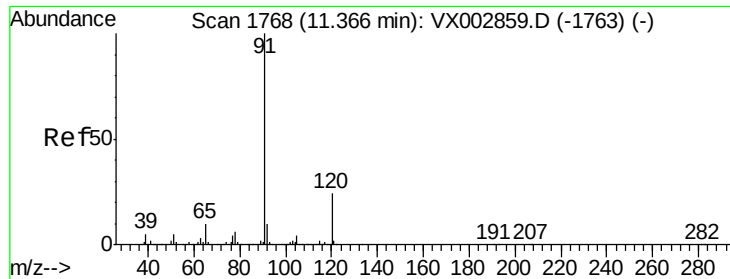
Tot Ion: 75 Resp: 264687
 Ion Ratio Lower Upper
 75 100
 77 32.2 22.8 68.3



#77
 Bromobenzene
 Concen: 56.04 ug/l
 RT: 11.26 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: VX003206.D
 Acq: 06 Jul 2018 07:15

Tgt Ion: 156 Resp: 224132
 Ion Ratio Lower Upper
 156 100
 77 133.0 71.4 214.2
 158 97.5 48.9 146.6





#78

n-propylbenzene

Concen: 52.99 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX003206.D

Acq: 06 Jul 2018 07:15

Instrument :

MSVOA_X

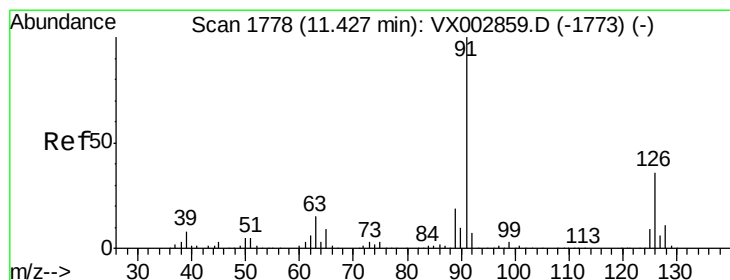
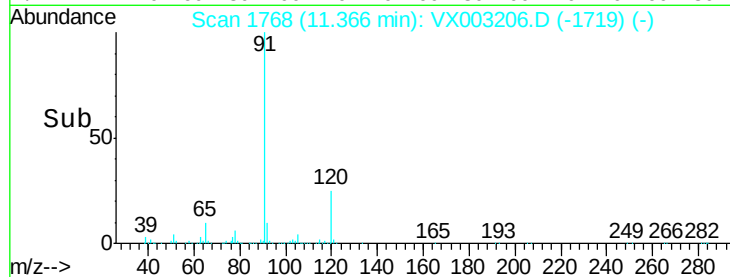
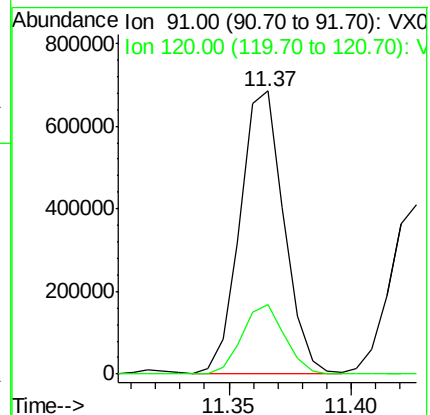
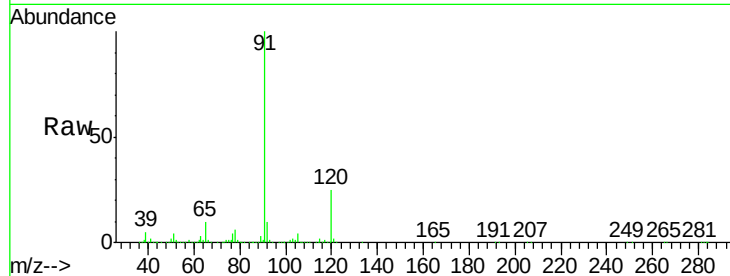
ClientSampleId :

Tot Ion: 91 Resp: 847169

Ion Ratio Lower Upper

91 100

120 24.4 11.8 35.4



#79

2-Chlorotoluene

Concen: 53.60 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX003206.D

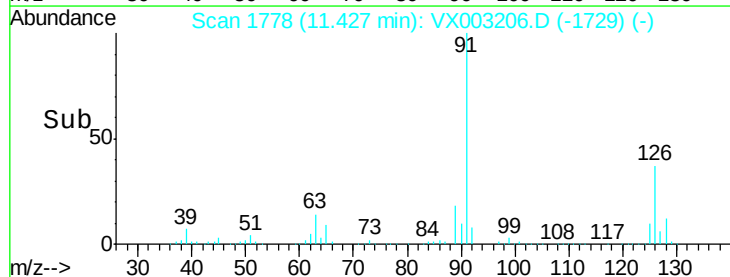
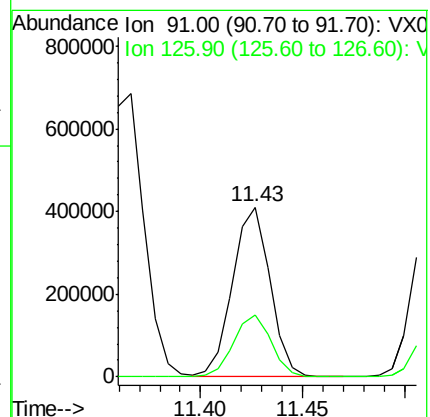
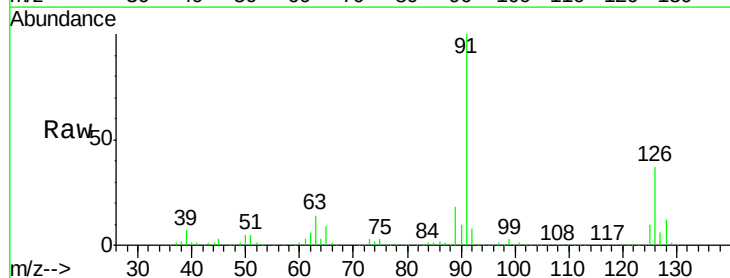
Acq: 06 Jul 2018 07:15

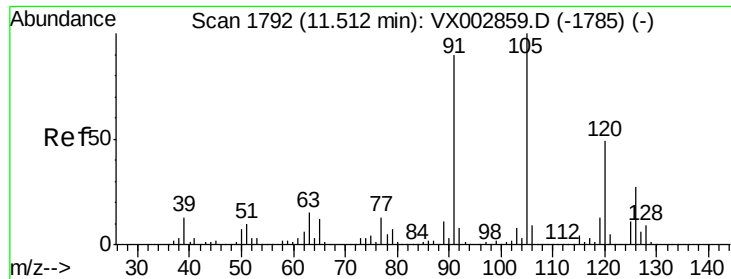
Tgt Ion: 91 Resp: 518822

Ion Ratio Lower Upper

91 100

126 36.8 17.7 53.1

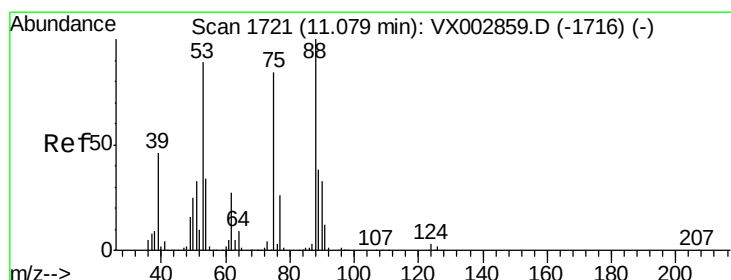
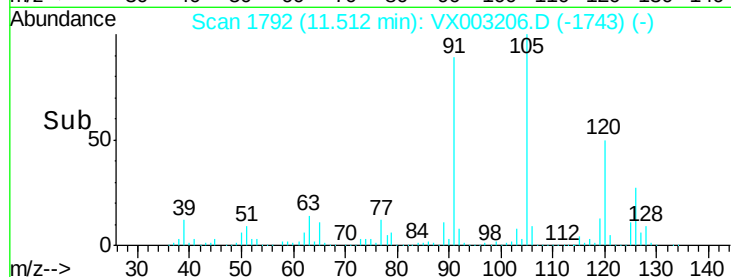
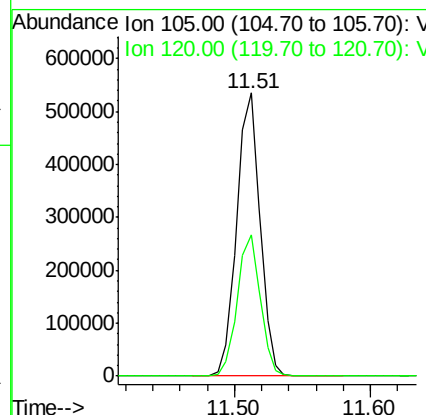
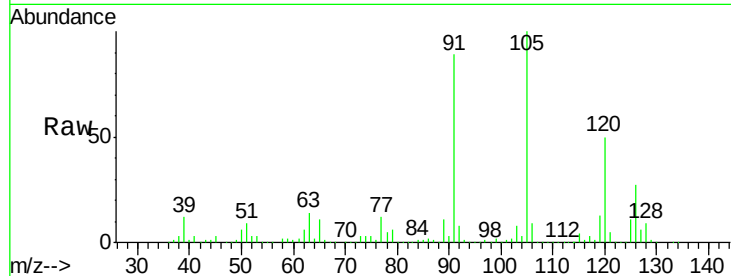




#80
 1,3,5-Trimethylbenzene
 Concen: 53.98 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX003206.D
 Acq: 06 Jul 2018 07:15

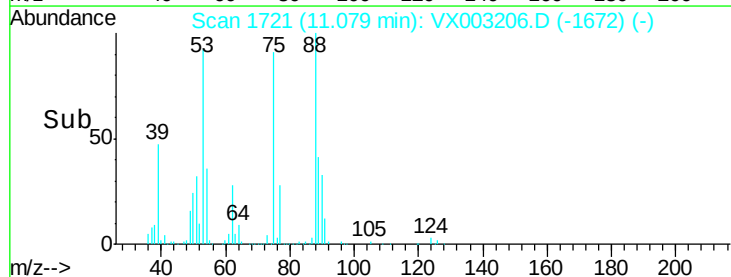
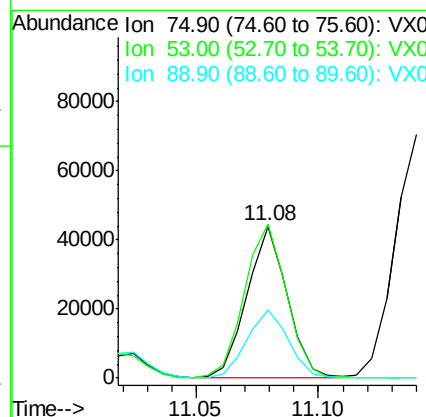
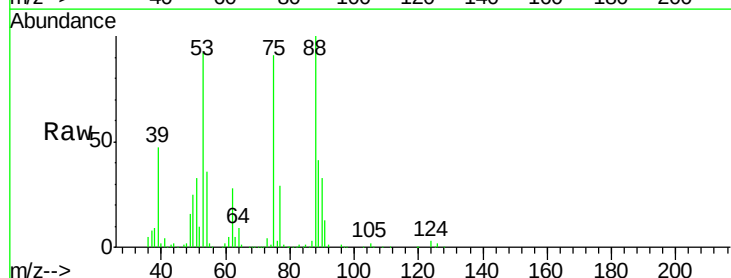
Instrument :
 MSVOA_X
 ClientSampleId :

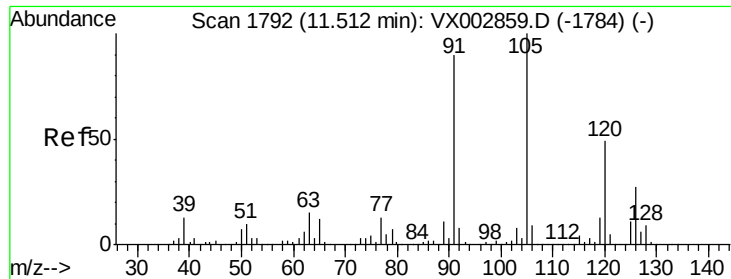
Tot Ion:105 Resp: 638561
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.4 73.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 38.86 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: VX003206.D
 Acq: 06 Jul 2018 07:15

Tgt Ion: 75 Resp: 49609
 Ion Ratio Lower Upper
 75 100
 53 106.8 86.8 130.2
 89 47.0 38.2 57.2





#82

4-Chlorotoluene

Concen: 53.05 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003206.D

Acq: 06 Jul 2018 07:15

Instrument :

MSVOA_X

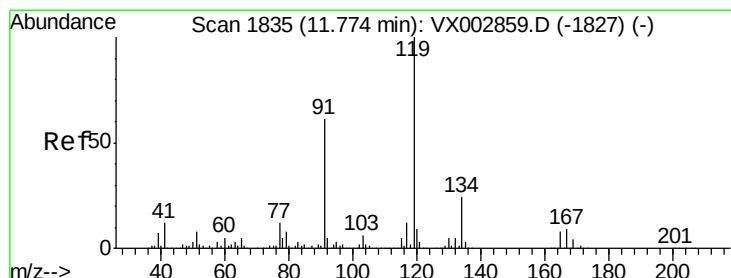
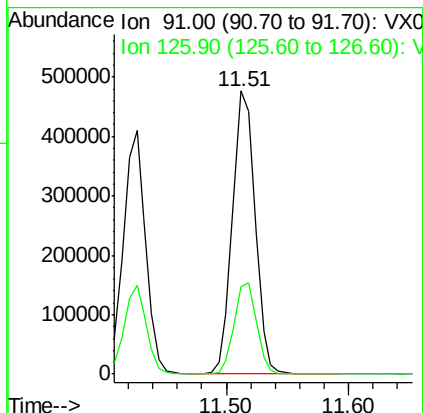
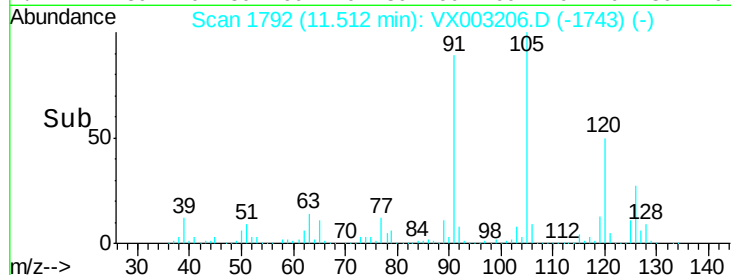
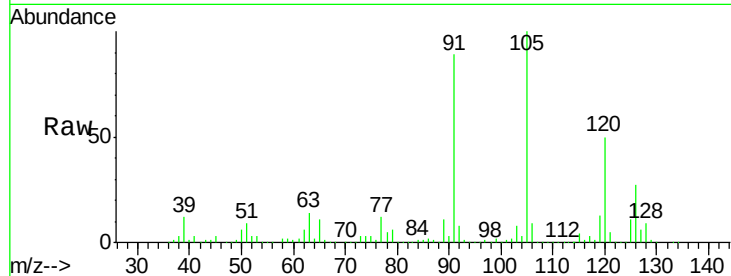
ClientSampleId :

Tot Ion: 91 Resp: 607922

Ion Ratio Lower Upper

91 100

126 32.0 15.4 46.4



#83

tert-Butylbenzene

Concen: 54.26 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX003206.D

Acq: 06 Jul 2018 07:15

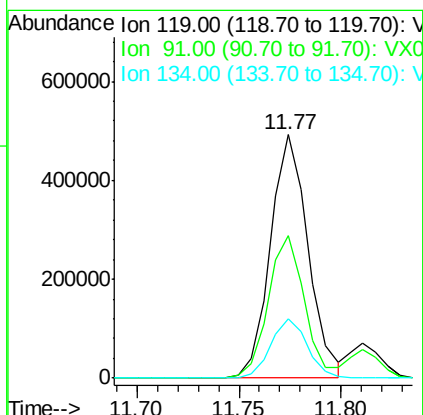
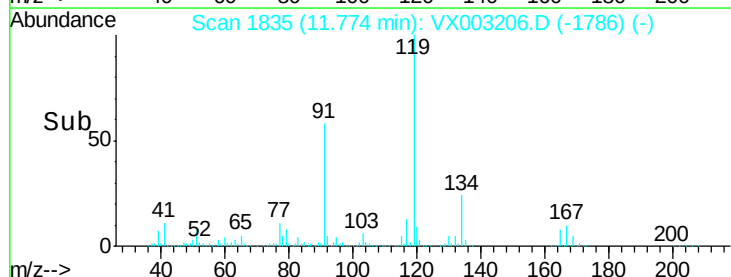
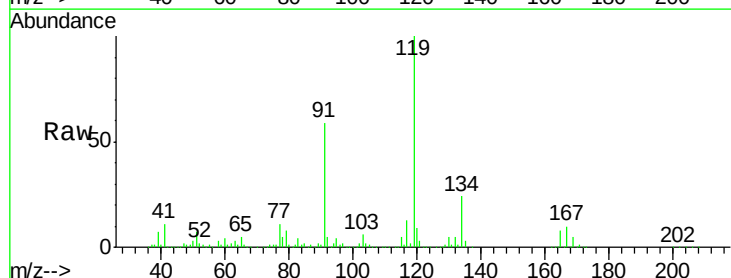
Tgt Ion: 119 Resp: 632654

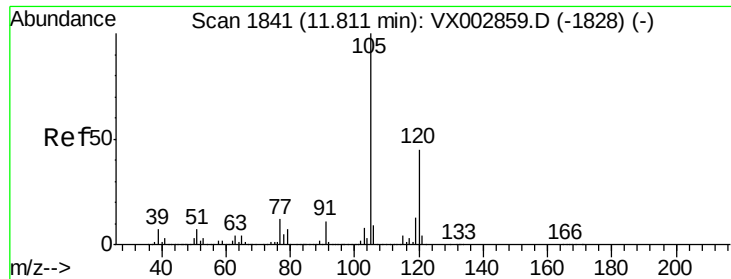
Ion Ratio Lower Upper

119 100

91 56.8 30.3 90.9

134 23.8 11.7 35.1

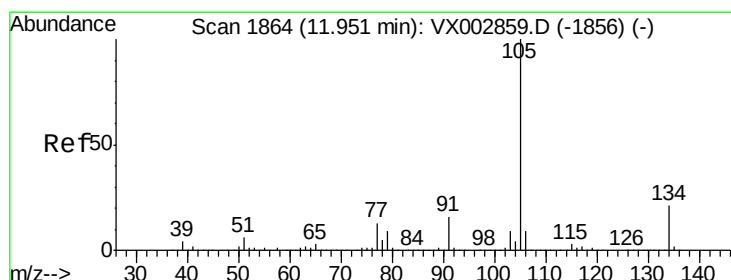
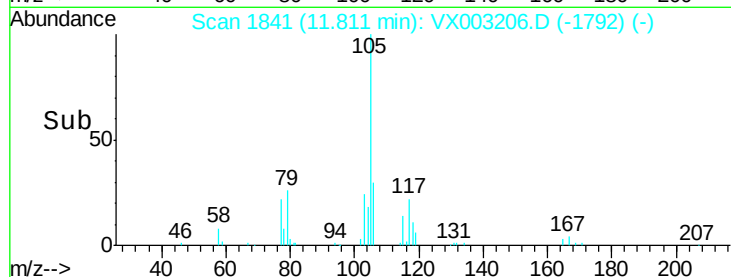
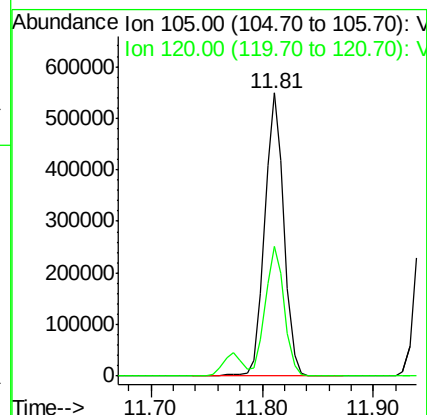
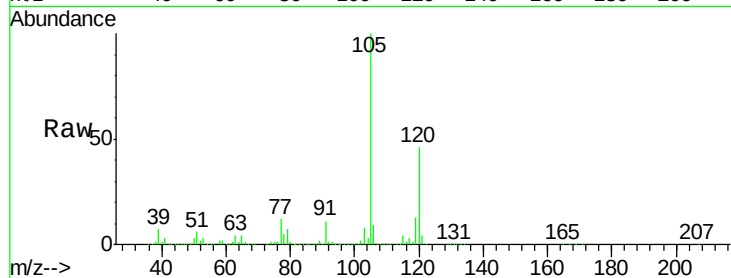




#84
1,2,4-Trimethylbenzene
Concen: 53.81 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX003206.D
Acq: 06 Jul 2018 07:15

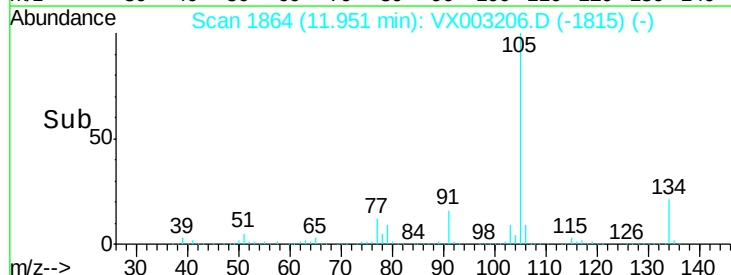
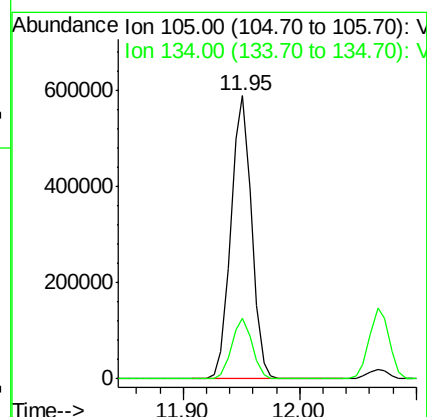
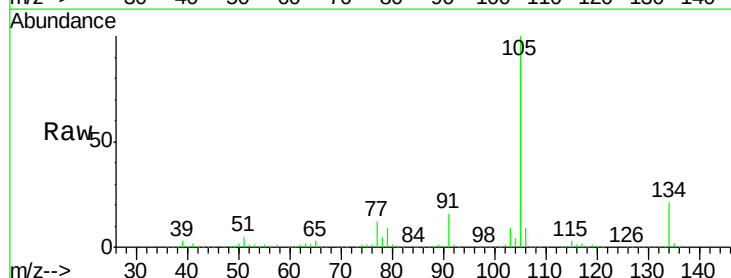
Instrument :
MSVOA_X
ClientSampled :

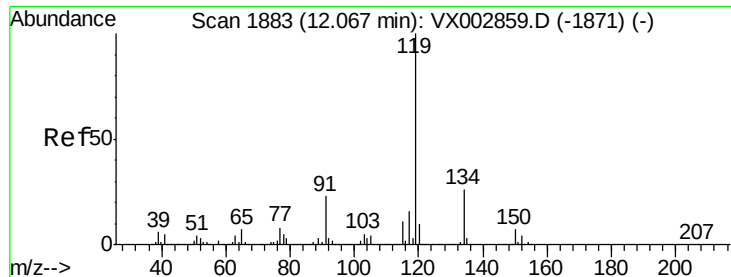
Tot Ion:105 Resp: 659498
Ion Ratio Lower Upper
105 100
120 45.9 22.3 66.8



#85
sec-Butylbenzene
Concen: 51.01 ug/l
RT: 11.95 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VX003206.D
Acq: 06 Jul 2018 07:15

Tgt Ion:105 Resp: 721510
Ion Ratio Lower Upper
105 100
134 21.3 10.4 31.1





#86

p-Isopropyltoluene

Concen: 51.43 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX003206.D

Acq: 06 Jul 2018 07:15

Instrument :

MSVOA_X

ClientSampleId :

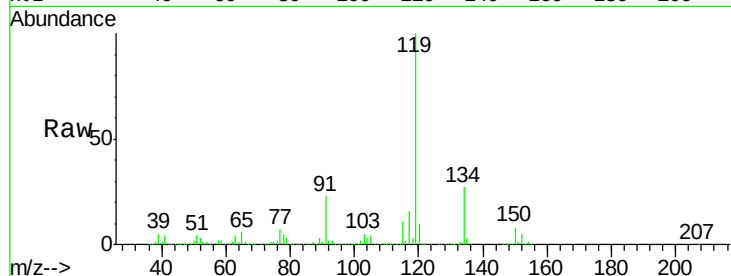
Tot Ion:119 Resp: 653917

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

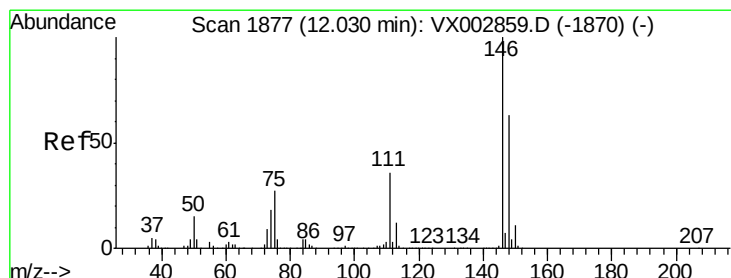
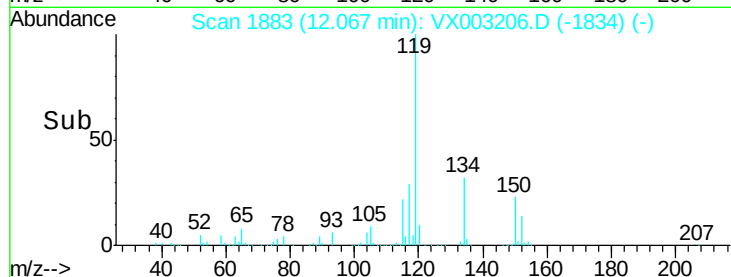
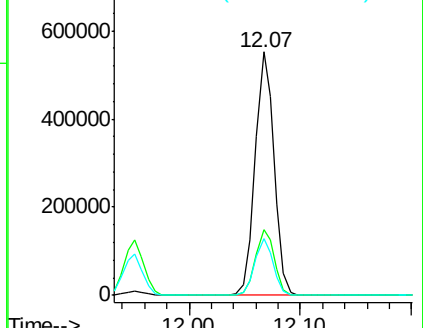
91 22.9 11.9 35.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#87

1,3-Dichlorobenzene

Concen: 53.60 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX003206.D

Acq: 06 Jul 2018 07:15

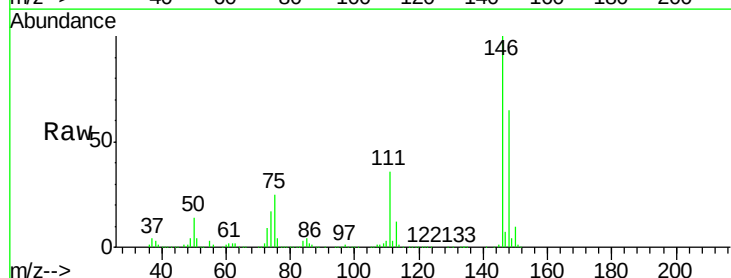
Tgt Ion:146 Resp: 391538

Ion Ratio Lower Upper

146 100

111 36.7 18.9 56.7

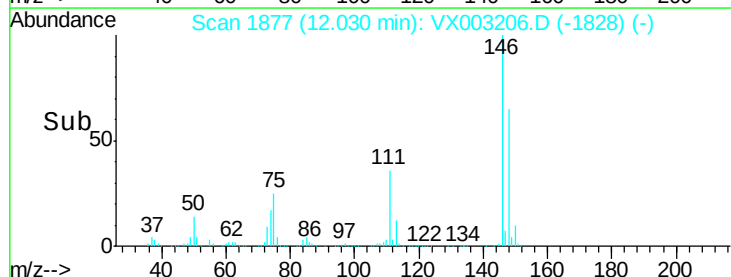
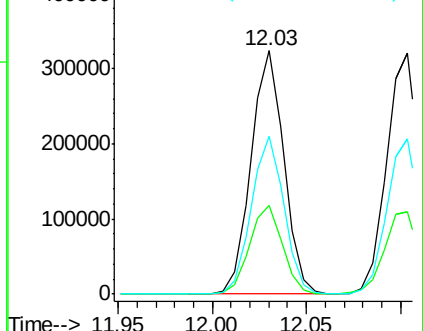
148 64.4 32.1 96.3

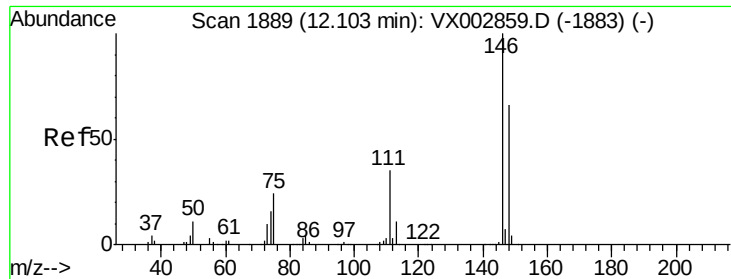


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 52.85 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX003206.D

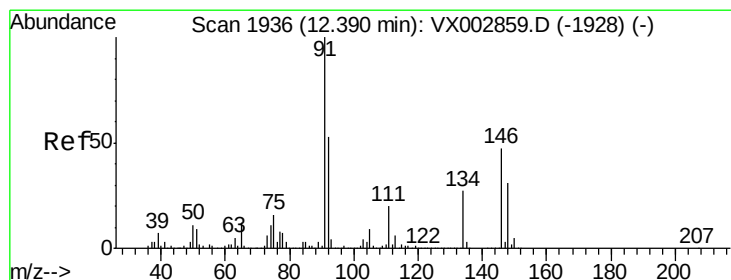
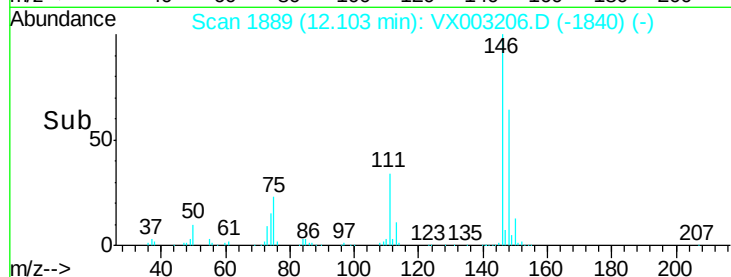
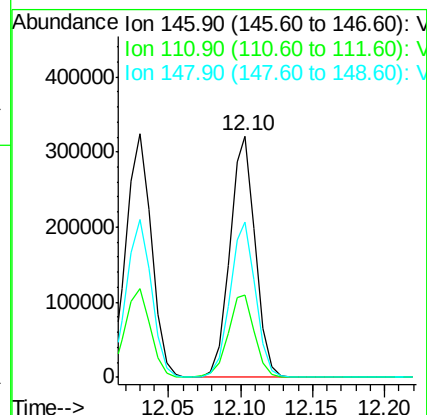
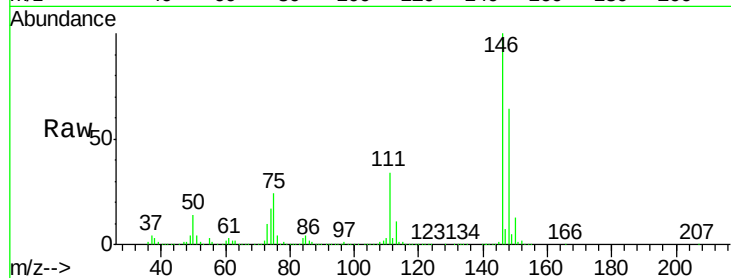
Acq: 06 Jul 2018 07:15

Instrument :

MSVOA_X

ClientSampled :

Tot Ion:	146	Resp:	397335
Ion	Ratio	Lower	Upper
146	100		
111	35.7	18.7	56.1
148	64.8	32.4	97.0



#89

n-Butylbenzene

Concen: 46.97 ug/l

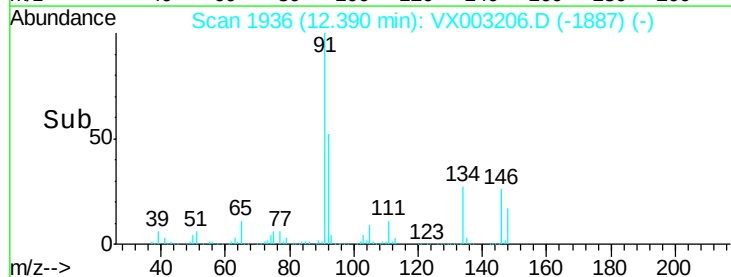
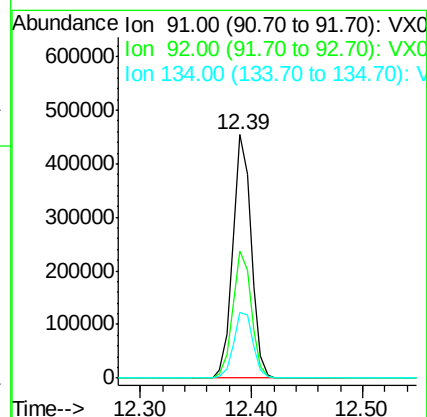
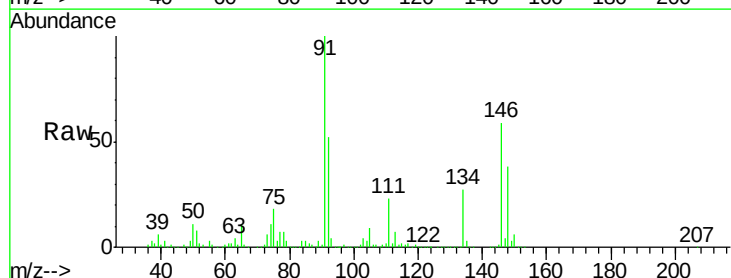
RT: 12.39 min Scan# 1936

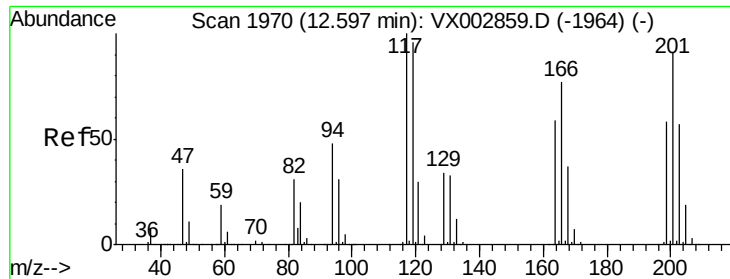
Delta R.T. -0.00 min

Lab File: VX003206.D

Acq: 06 Jul 2018 07:15

Tgt Ion:	91	Resp:	519846
Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.0	78.0
134	28.2	13.5	40.5





#90

Hexachloroethane

Concen: 54.52 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VX003206.D

Acq: 06 Jul 2018 07:15

Instrument :

MSVOA_X

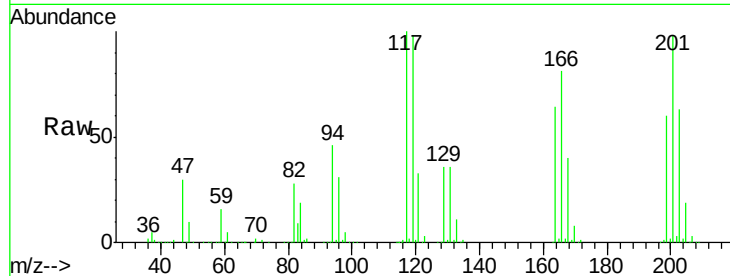
ClientSampleId :

Tot Ion:117 Resp: 103114

Ion Ratio Lower Upper

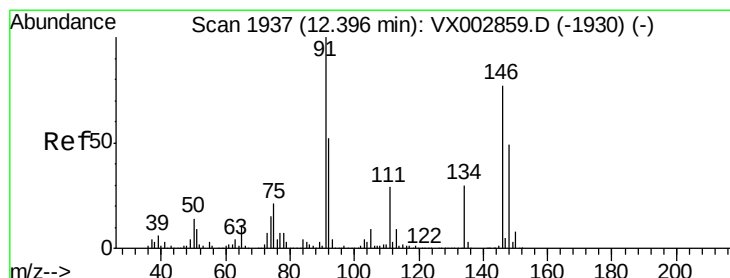
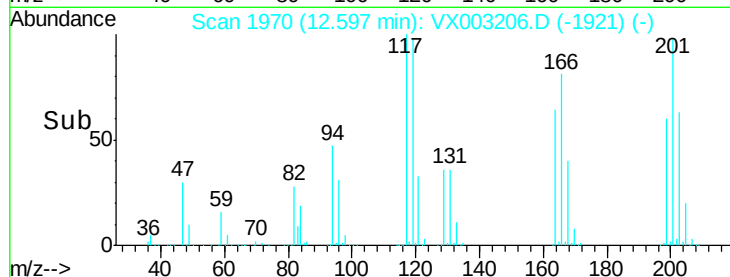
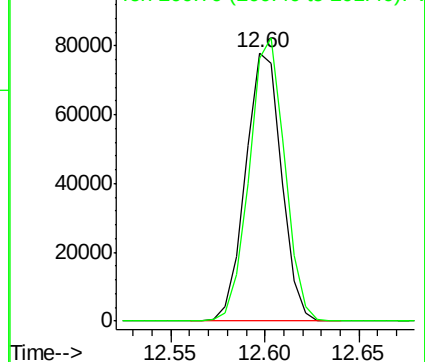
117 100

201 103.6 49.0 147.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 55.76 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX003206.D

Acq: 06 Jul 2018 07:15

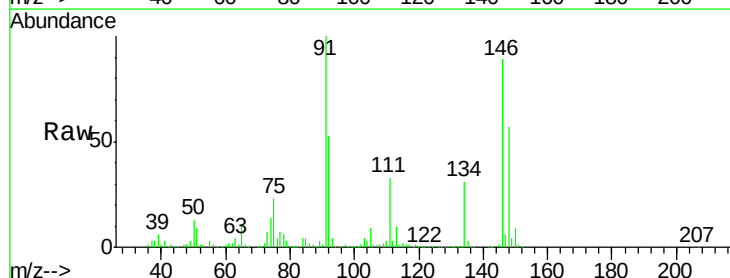
Tgt Ion:146 Resp: 411141

Ion Ratio Lower Upper

146 100

111 37.7 19.4 58.1

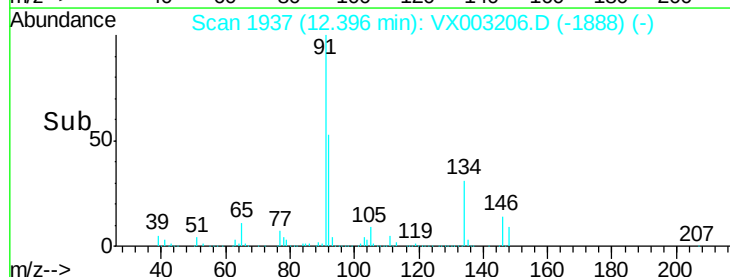
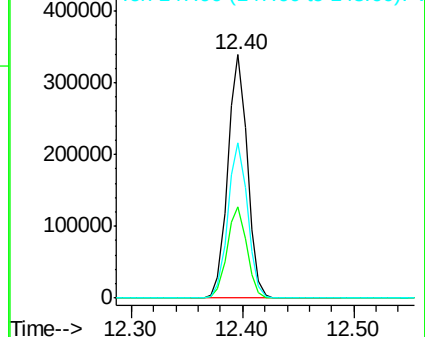
148 64.4 31.7 95.1

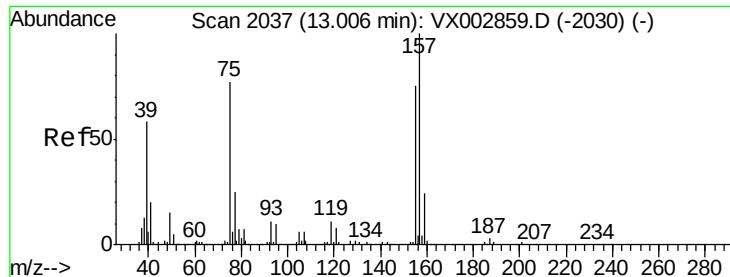


Abundance Ion 145.90 (145.60 to 146.60): V

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: 56.47 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX003206.D

Acq: 06 Jul 2018 07:15

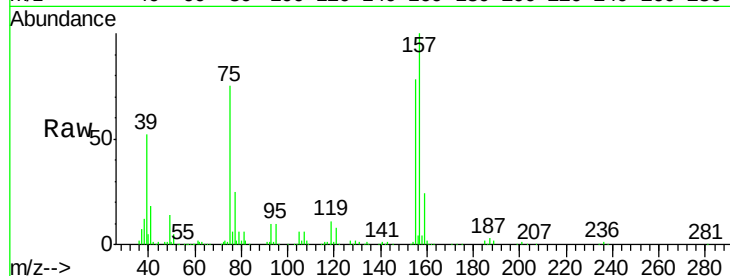
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 75 Resp: 54929

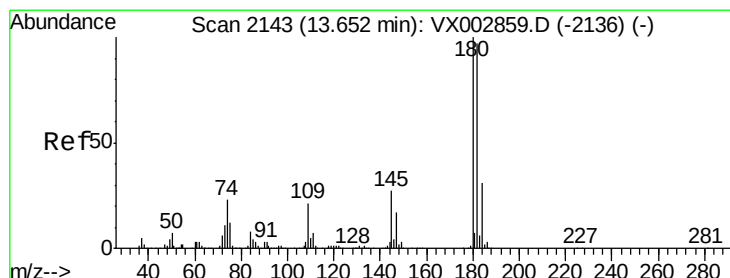
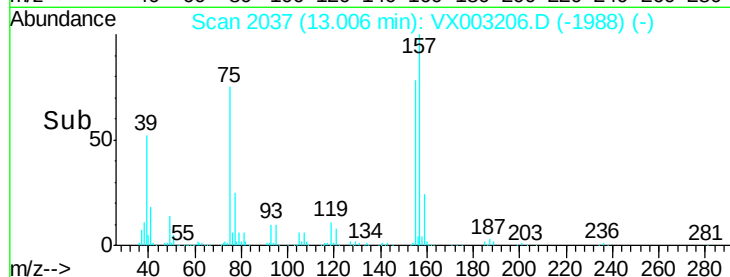
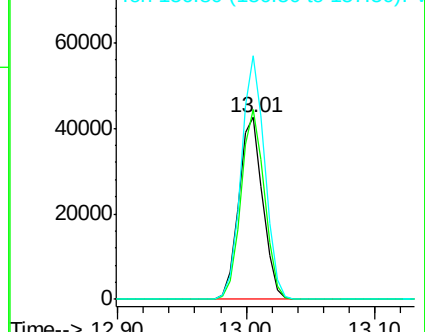
Ion	Ratio	Lower	Upper
75	100		
155	101.1	45.8	137.4
157	130.1	60.1	180.3



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: 51.96 ug/l

RT: 13.65 min Scan# 2143

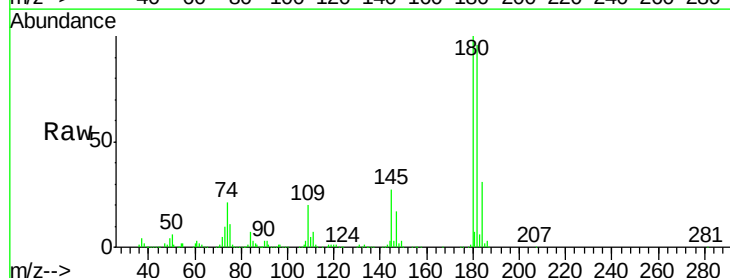
Delta R.T. -0.00 min

Lab File: VX003206.D

Acq: 06 Jul 2018 07:15

Tgt Ion:180 Resp: 278830

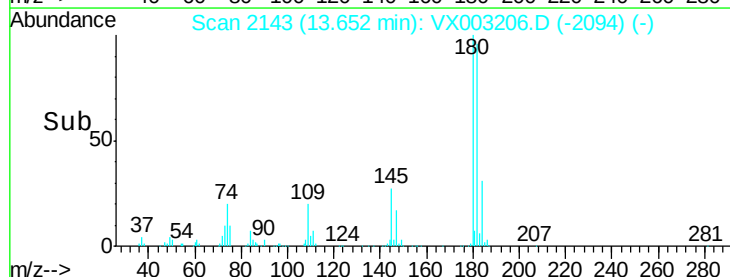
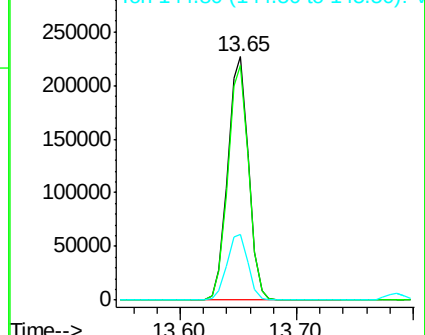
Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.7	143.1
145	27.7	14.1	42.4

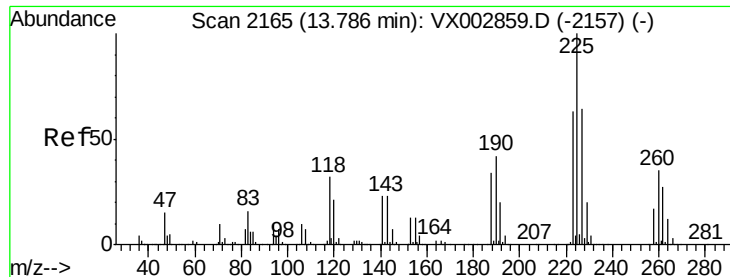


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 40.04 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

Lab File: VX003206.D

Acq: 06 Jul 2018 07:15

Instrument :

MSVOA_X

ClientSampleId :

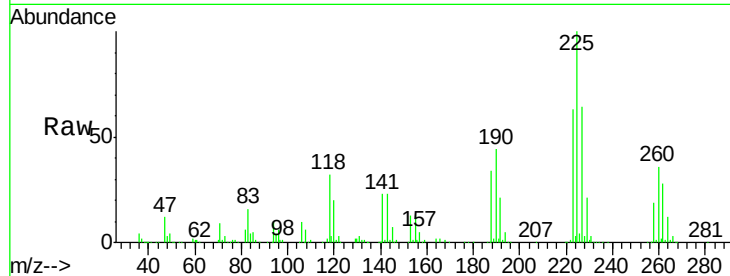
Tot Ion:225 Resp: 107156

Ion Ratio Lower Upper

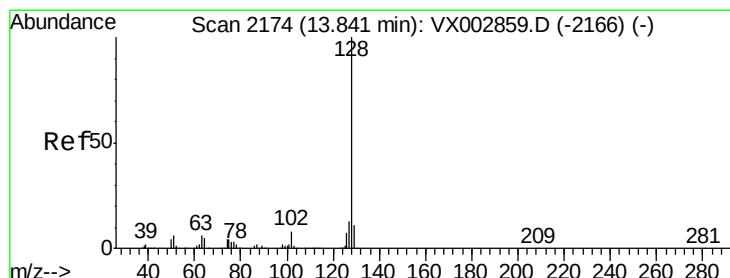
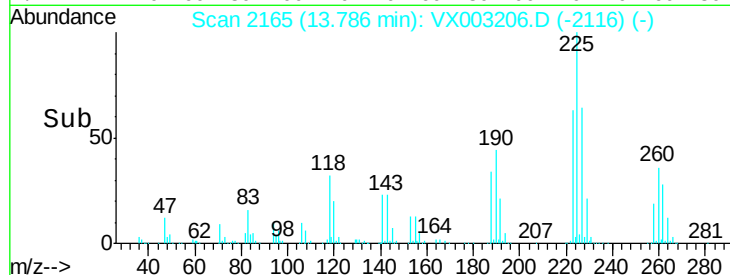
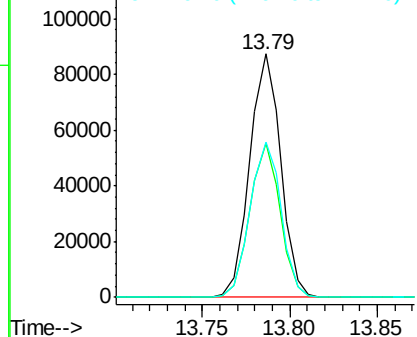
225 100

223 62.3 31.6 95.0

227 64.5 32.4 97.2



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



#95

Naphthalene

Concen: 59.52 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.01 min

Lab File: VX003206.D

Acq: 06 Jul 2018 07:15

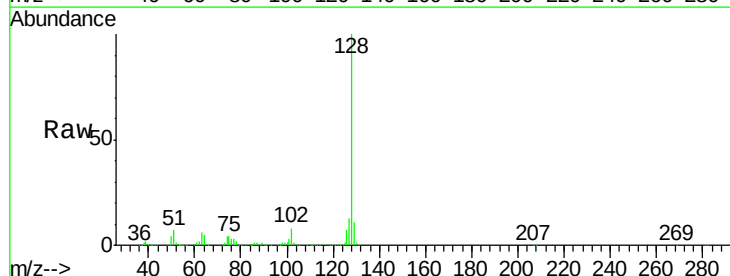
Tgt Ion:128 Resp: 850642

Ion Ratio Lower Upper

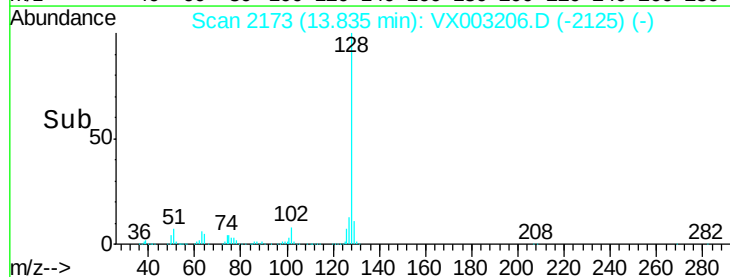
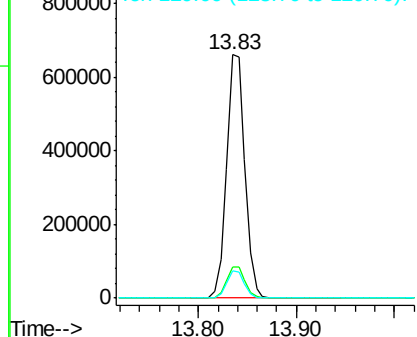
128 100

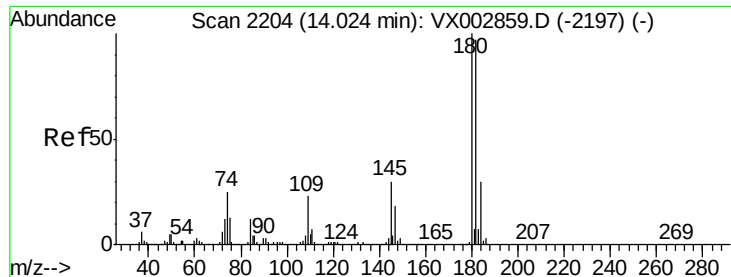
127 12.9 10.4 15.6

129 11.0 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

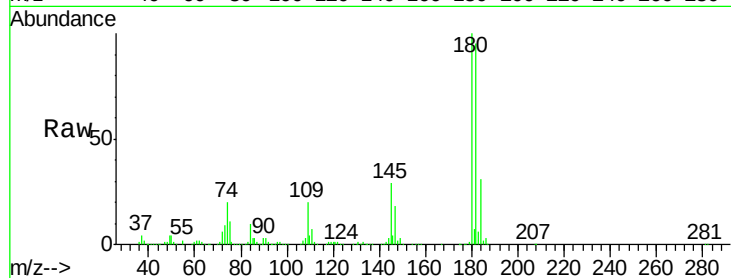




#96
 1,2,3-Trichlorobenzene
 Concen: 56.91 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: VX003206.D
 Acq: 06 Jul 2018 07:15

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	48.0	144.0
145	29.2	14.8	44.3



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

