

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061418\
 Data File : VX002556.D
 Acq On : 14 Jun 2018 17:12
 Operator : JC/MD
 Sample : J3406-09MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 15 01:32:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	244267	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	365290	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	346653	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	218073	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	162044	46.12	ug/l	0.00
Spiked Amount 50.000			Recovery =	92.24%		
35) Dibromofluoromethane	5.51	113	127784	44.48	ug/l	0.00
Spiked Amount 50.000			Recovery =	88.96%		
50) Toluene-d8	8.72	98	473157	42.97	ug/l	0.00
Spiked Amount 50.000			Recovery =	85.94%		
62) 4-Bromofluorobenzene	11.14	95	182265	42.93	ug/l	0.00
Spiked Amount 50.000			Recovery =	85.86%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	106350	41.88	ug/l	99
3) Chloromethane	1.32	50	127854	43.58	ug/l	99
4) Vinyl Chloride	1.40	62	162406	50.75	ug/l	98
5) Bromomethane	1.64	94	86191	47.42	ug/l	99
6) Chloroethane	1.72	64	93911	45.36	ug/l	99
7) Trichlorofluoromethane	1.93	101	243671	49.97	ug/l	98
8) Diethyl Ether	2.19	74	92795	53.73	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	131160	49.85	ug/l	99
10) Methyl Iodide	2.51	142	170174	45.98	ug/l	100
11) Tert butyl alcohol	3.09	59	183991	257.62	ug/l	100
12) 1,1-Dichloroethene	2.37	96	125302	48.19	ug/l	95
13) Acrolein	2.29	56	56529	159.46	ug/l	98
14) Allyl chloride	2.73	41	242859	43.04	ug/l	100
15) Acrylonitrile	3.15	53	400604	270.26	ug/l	100
16) Acetone	2.45	43	376728	250.84	ug/l	100
17) Carbon Disulfide	2.57	76	285584	41.67	ug/l	98
18) Methyl Acetate	2.78	43	185273	53.11	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	505875	56.16	ug/l	98
20) Methylene Chloride	2.86	84	147251	53.51	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	135736	47.33	ug/l	96
22) Diisopropyl ether	3.88	45	486515	51.65	ug/l	99
23) Vinyl Acetate	3.83	43	1964134	214.70	ug/l	100
24) 1,1-Dichloroethane	3.70	63	247306	44.34	ug/l	99
25) 2-Butanone	4.71	43	550440	229.83	ug/l	99
26) 2,2-Dichloropropane	4.59	77	121660	27.90	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	184909	59.29	ug/l	89
28) Bromochloromethane	5.03	49	129518	54.95	ug/l	98
29) Tetrahydrofuran	5.17	42	355535	230.24	ug/l	98
30) Chloroform	5.22	83	260000	48.31	ug/l	97
31) Cyclohexane	5.57	56	201830	45.76	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	225936	49.50	ug/l	100
36) 1,1-Dichloropropene	5.80	75	182528	47.53	ug/l	99
37) Ethyl Acetate	4.87	43	207825	45.00	ug/l	100
38) Carbon Tetrachloride	5.79	117	193609	48.19	ug/l	98

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Quant Time: Jun 15 01:32:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	198499	41.88	ug/l	96
40) Benzene	6.15	78	551258	46.82	ug/l	100
41) Methacrylonitrile	5.07	41	125883	47.61	ug/l	99
42) 1,2-Dichloroethane	6.20	62	219237	46.86	ug/l	100
43) Isopropyl Acetate	6.47	43	363440	46.33	ug/l	100
44) Trichloroethene	7.21	130	153536	46.98	ug/l	99
45) 1,2-Dichloropropane	7.52	63	149505	47.03	ug/l	99
46) Dibromomethane	7.67	93	101340	47.03	ug/l	99
47) Bromodichloromethane	7.90	83	189092	48.52	ug/l	97
48) Methyl methacrylate	7.78	41	186762	47.40	ug/l	98
49) 1,4-Dioxane	7.76	88	69117	938.16	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1181529	241.87	ug/l	99
52) Toluene	8.79	92	358541	47.88	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	207444	44.38	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	195358	44.30	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	149104	48.41	ug/l	99
56) Ethyl methacrylate	9.18	69	235567	47.90	ug/l	99
57) 1,3-Dichloropropane	9.38	76	248063	48.01	ug/l	100
59) 2-Hexanone	9.50	43	898513	238.13	ug/l	98
60) Dibromochloromethane	9.59	129	156144	50.40	ug/l	99
61) 1,2-Dibromoethane	9.68	107	156950	48.87	ug/l	100
64) Tetrachloroethene	9.34	164	146147	40.88	ug/l	99
65) Chlorobenzene	10.14	112	414876	48.10	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	156021	49.95	ug/l	100
67) Ethyl Benzene	10.26	91	702528	48.67	ug/l	99
68) m/p-Xylenes	10.37	106	542018	96.59	ug/l	99
69) o-Xylene	10.70	106	268547	48.09	ug/l	100
70) Styrene	10.72	104	444527	48.69	ug/l	99
71) Bromoform	10.86	173	121701	43.96	ug/l	100
73) Isopropylbenzene	11.02	105	727649	47.97	ug/l	100
74) N-amyl acetate	6.47	43	363440	44.46	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	232161	48.66	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	251195	52.50	ug/l	79
77) Bromobenzene	11.26	156	202040	47.44	ug/l	99
78) n-propylbenzene	11.37	91	823677	48.85	ug/l	99
79) 2-Chlorotoluene	11.43	91	486924	45.73	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	616738	47.40	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	50463	36.97	ug/l	98
82) 4-Chlorotoluene	11.51	91	578325	47.06	ug/l	99
83) tert-Butylbenzene	11.77	119	631983	49.88	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	637225	47.57	ug/l	100
85) sec-Butylbenzene	11.95	105	741716	49.93	ug/l	99
86) p-Isopropyltoluene	12.07	119	667315	49.32	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	366827	48.17	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	372938	47.51	ug/l	99
89) n-Butylbenzene	12.39	91	565921	49.87	ug/l	99
90) Hexachloroethane	12.60	117	105733	48.95	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	374521	47.54	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	53641	51.41	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	277103	50.16	ug/l	100

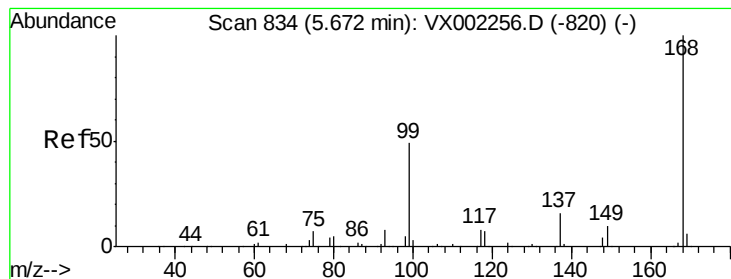
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061418\
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Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	134633	49.32	ug/l	99
95) Naphthalene	13.84	128	817766	51.52	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	286207	50.80	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

Instrument :

MSVOA_X

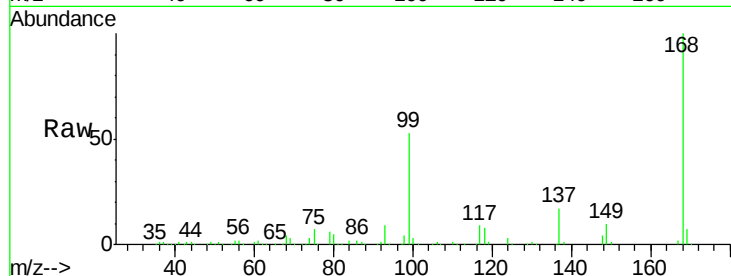
ClientSampleId :

Tot Ion:168 Resp: 244267

Ion Ratio Lower Upper

168 100

99 53.1 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

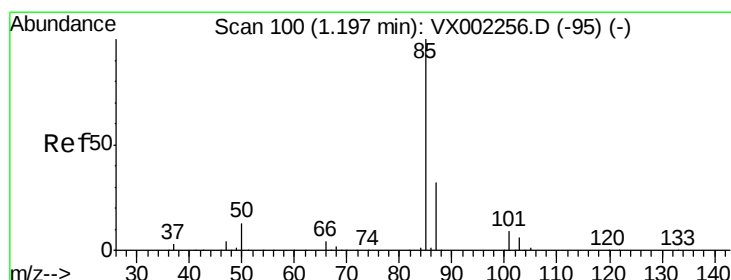
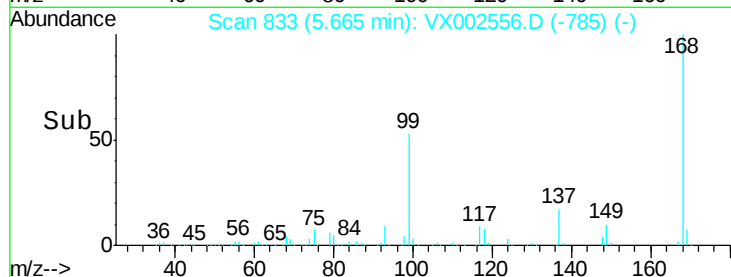
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 41.88 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002556.D

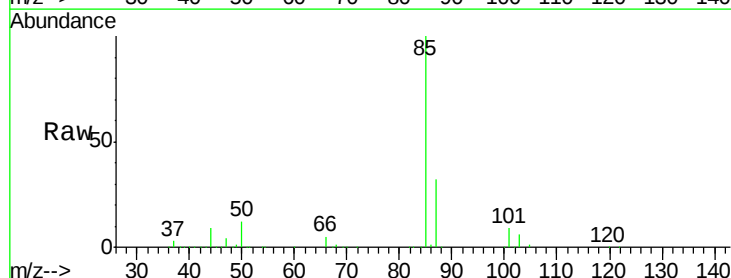
Acq: 14 Jun 2018 17:12

Tgt Ion: 85 Resp: 106350

Ion Ratio Lower Upper

85 100

87 32.2 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

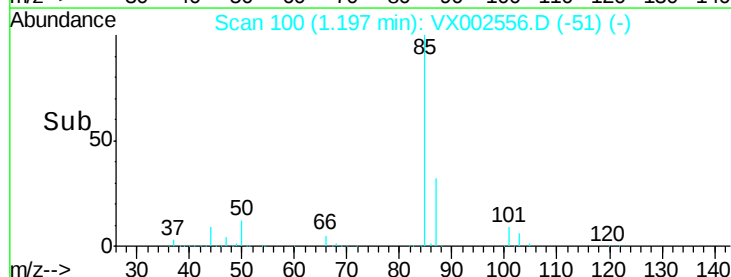
40000

20000

0

1.15 1.20 1.25 1.30

Time-->

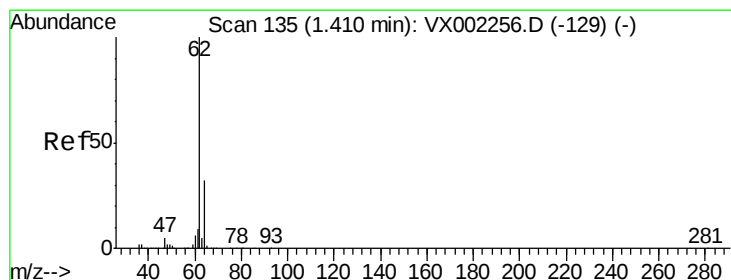
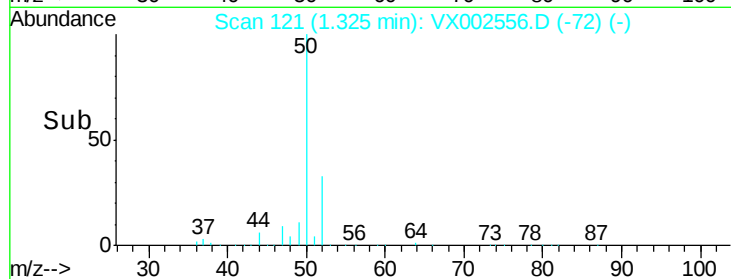
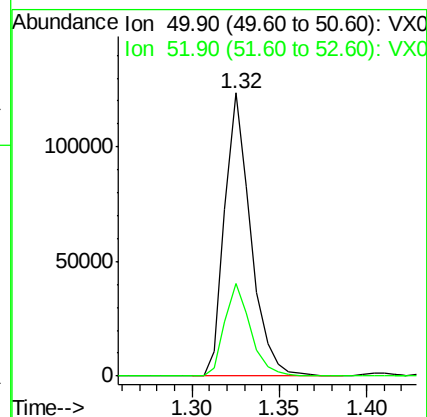
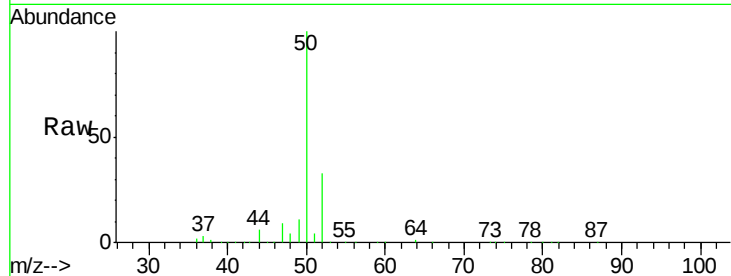




#3
Chloromethane
Concen: 43.58 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX002556.D
Acq: 14 Jun 2018 17:12

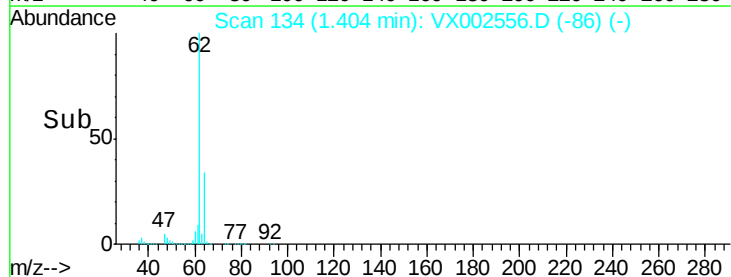
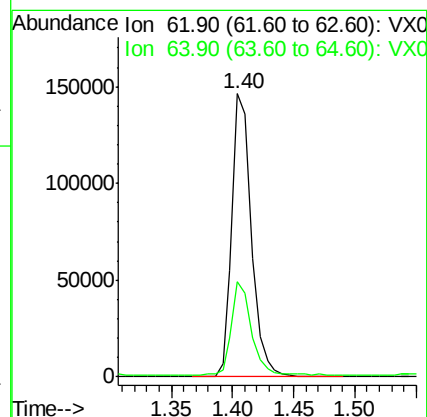
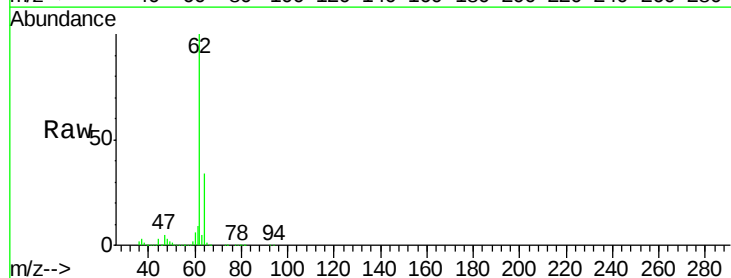
Instrument :
MSVOA_X
ClientSampled :

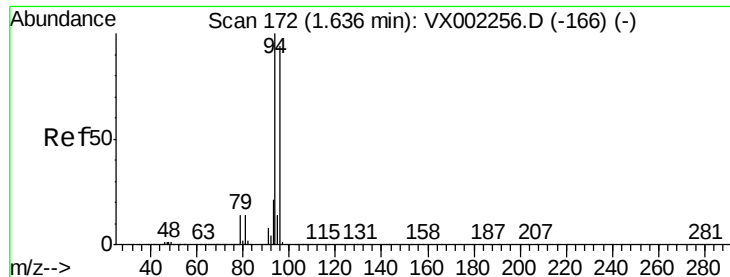
Tot Ion: 50 Resp: 127854
Ion Ratio Lower Upper
50 100
52 32.5 25.7 38.5



#4
Vinyl Chloride
Concen: 50.75 ug/l
RT: 1.40 min Scan# 134
Delta R.T. -0.01 min
Lab File: VX002556.D
Acq: 14 Jun 2018 17:12

Tgt Ion: 62 Resp: 162406
Ion Ratio Lower Upper
62 100
64 32.8 25.4 38.2





#5

Bromomethane

Concen: 47.42 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

Instrument :

MSVOA_X

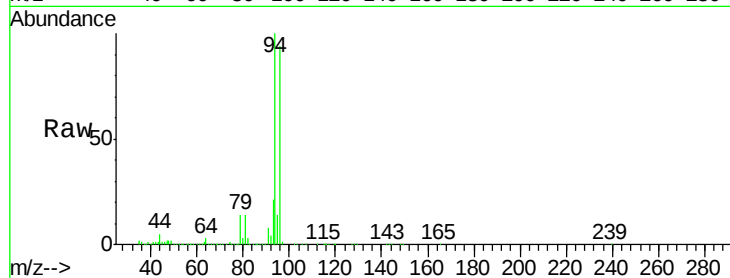
ClientSampled :

Tot Ion: 94 Resp: 86191

Ion Ratio Lower Upper

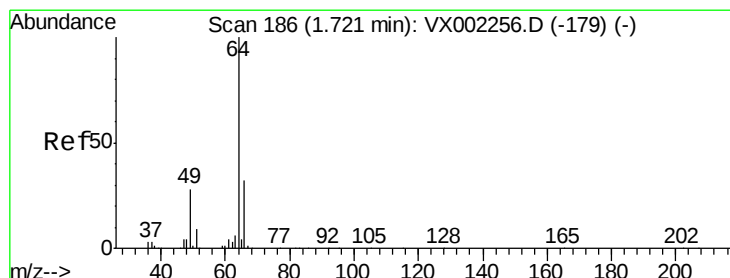
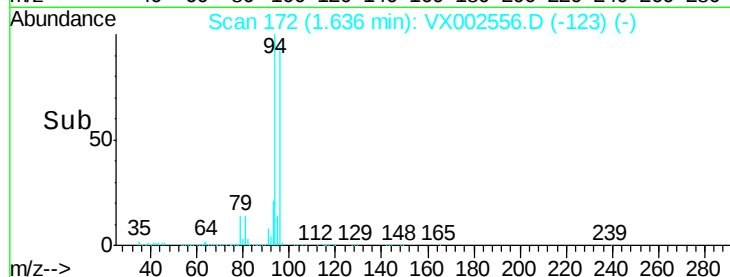
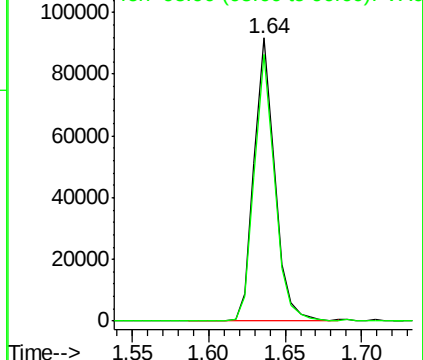
94 100

96 94.6 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: 45.36 ug/l

RT: 1.72 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX002556.D

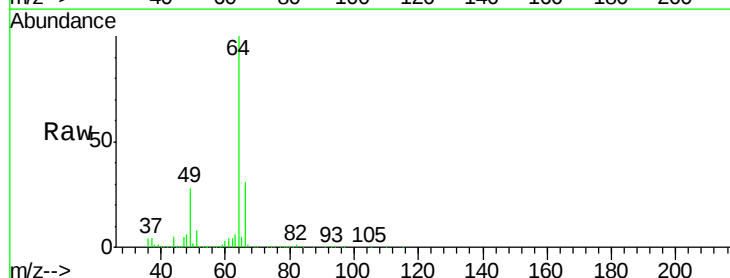
Acq: 14 Jun 2018 17:12

Tgt Ion: 64 Resp: 93911

Ion Ratio Lower Upper

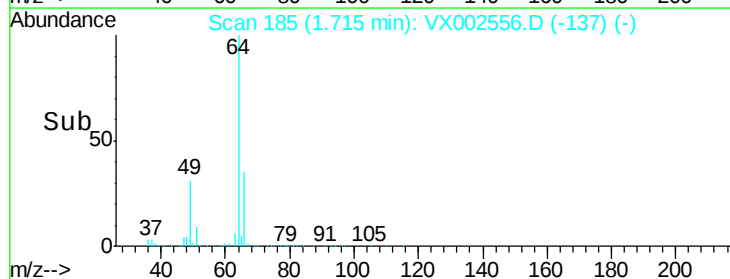
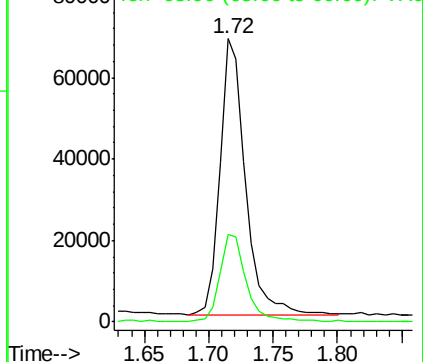
64 100

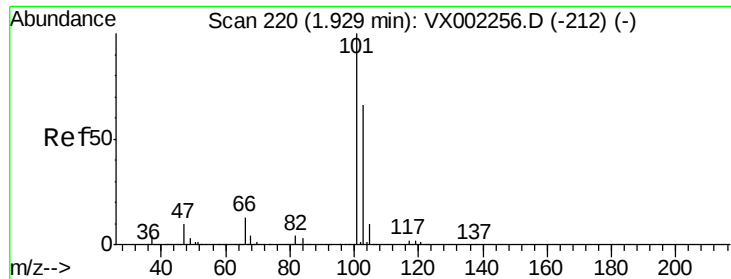
66 31.4 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



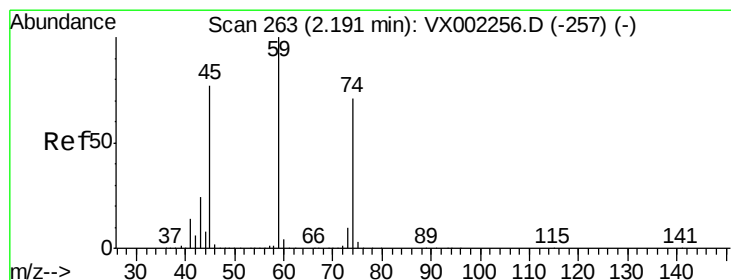
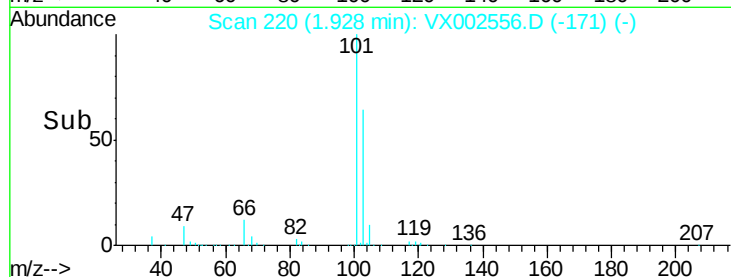
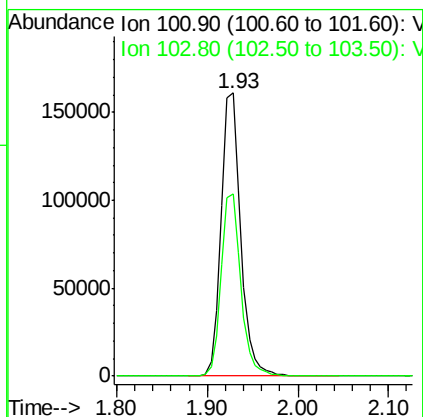
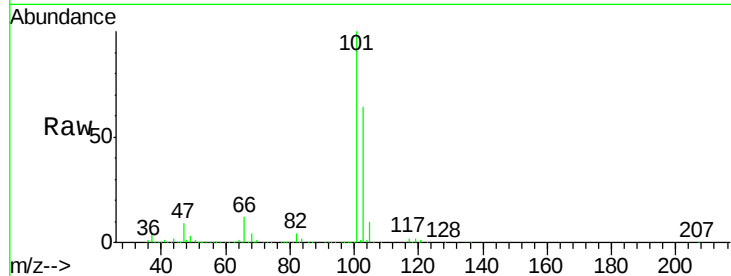


#7

Trichlorofluoromethane
 Concen: 49.97 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VX002556.D
 Acq: 14 Jun 2018 17:12

Instrument :
 MSVOA_X
 ClientSampleId :

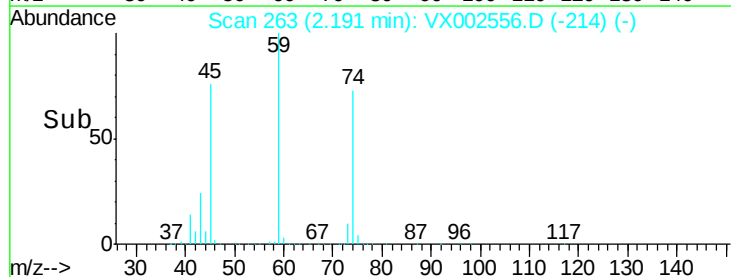
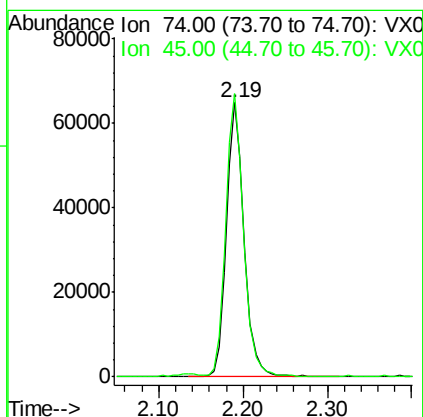
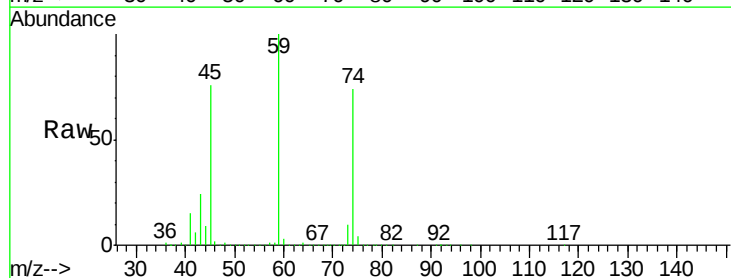
Tot Ion:101 Resp: 243671
 Ion Ratio Lower Upper
 101 100
 103 64.5 52.8 79.2



#8

Diethyl Ether
 Concen: 53.73 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002556.D
 Acq: 14 Jun 2018 17:12

Tgt Ion: 74 Resp: 92795
 Ion Ratio Lower Upper
 74 100
 45 104.2 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.85 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

Instrument :

MSVOA_X

ClientSampleId :

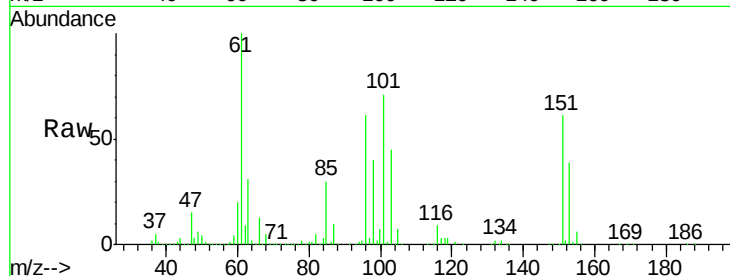
Tot Ion:101 Resp: 131160

Ion Ratio Lower Upper

101 100

85 45.2 36.0 54.0

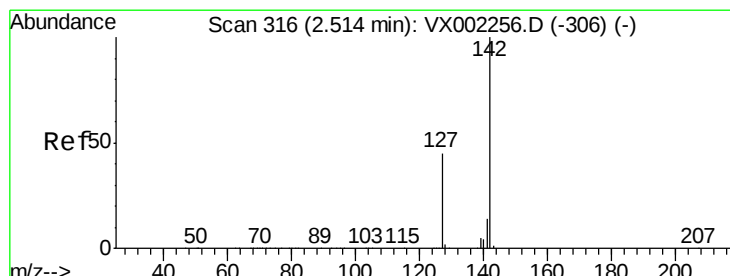
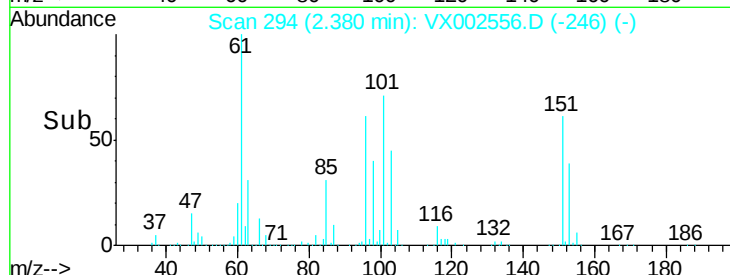
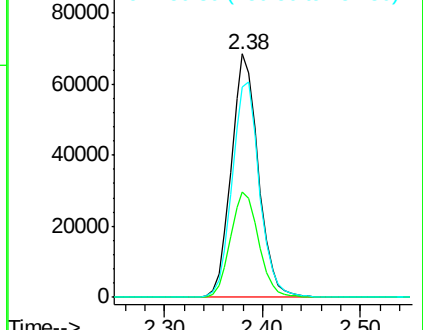
151 89.6 70.9 106.3



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: 45.98 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

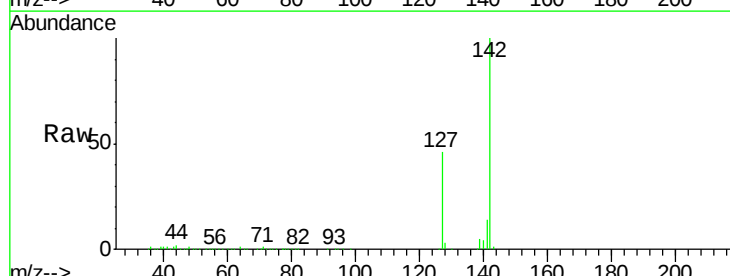
Tgt Ion:142 Resp: 170174

Ion Ratio Lower Upper

142 100

127 46.2 36.6 55.0

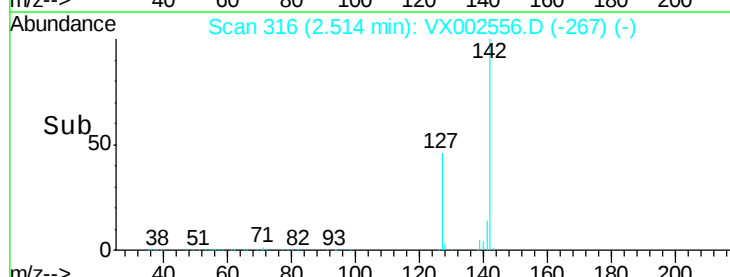
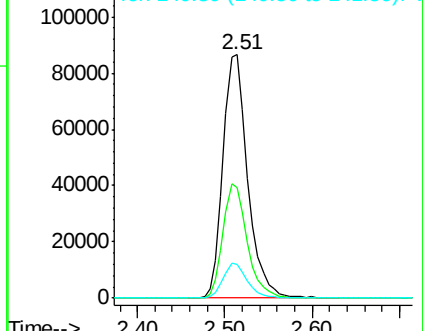
141 14.1 11.3 16.9

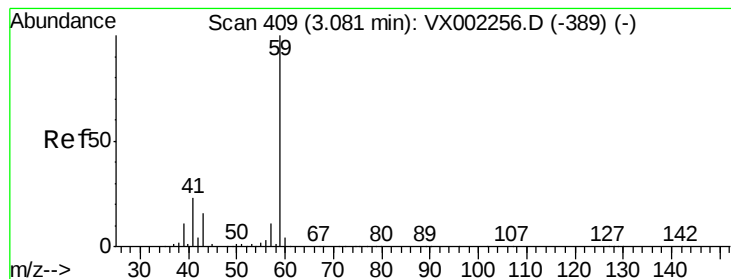


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



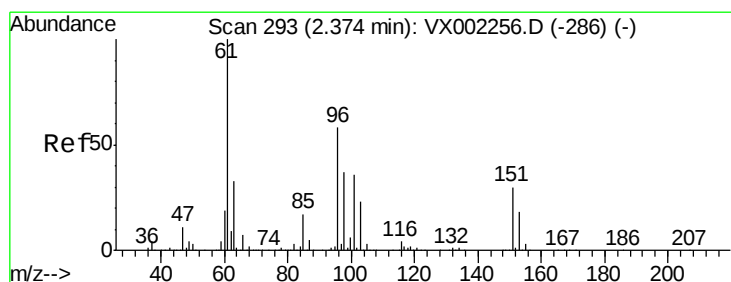
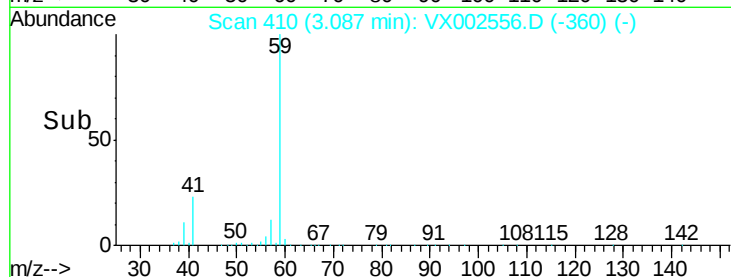
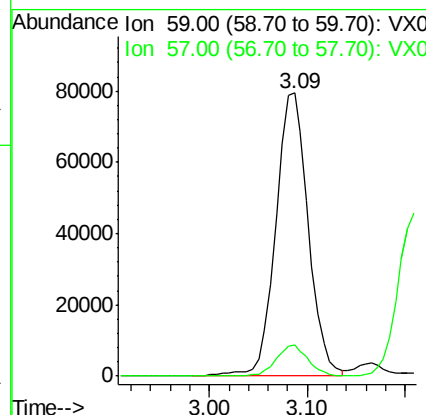
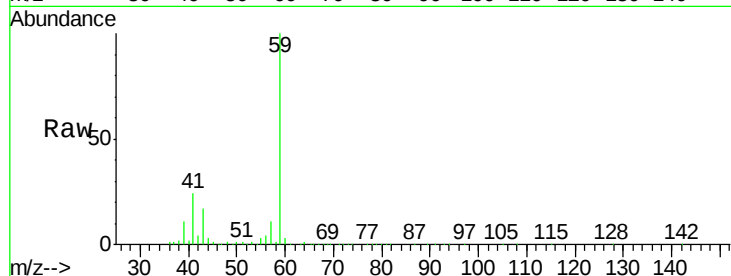


#11

Tert butyl alcohol
Concen: 257.62 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX002556.D
Acq: 14 Jun 2018 17:12

Instrument :
MSVOA_X
ClientSampled :

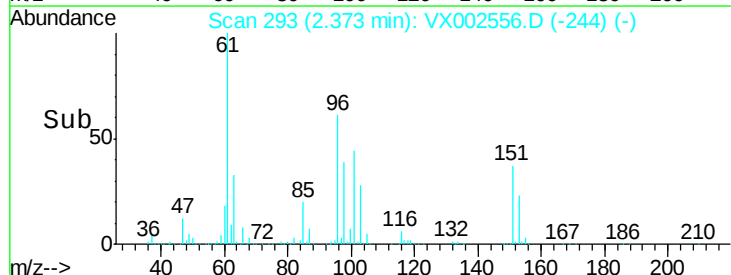
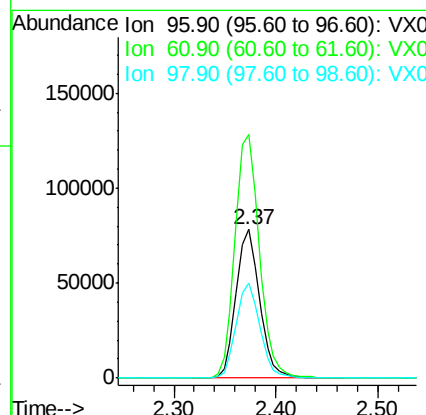
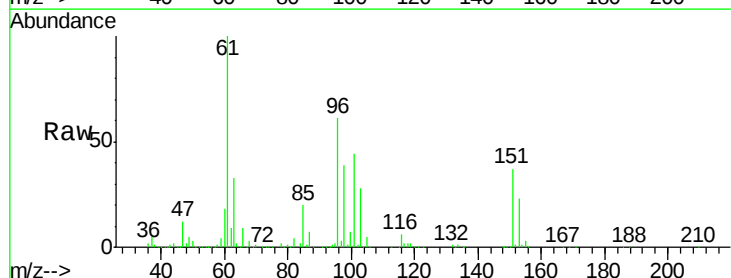
Tot Ion: 59 Resp: 183991
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.2

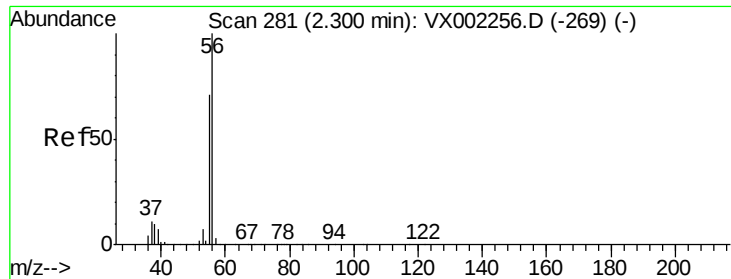


#12

1,1-Dichloroethene
Concen: 48.19 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002556.D
Acq: 14 Jun 2018 17:12

Tgt Ion: 96 Resp: 125302
Ion Ratio Lower Upper
96 100
61 163.9 137.9 206.9
98 63.7 51.6 77.4





#13

Acrolein

Concen: 159.46 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

Instrument :

MSVOA_X

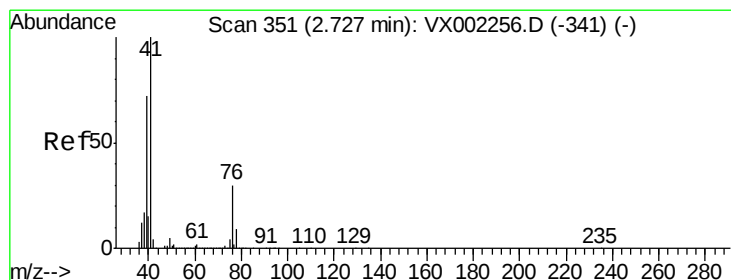
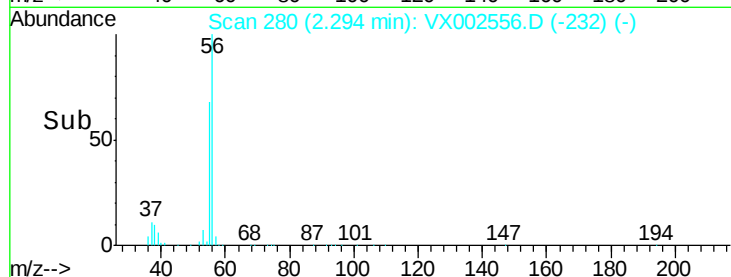
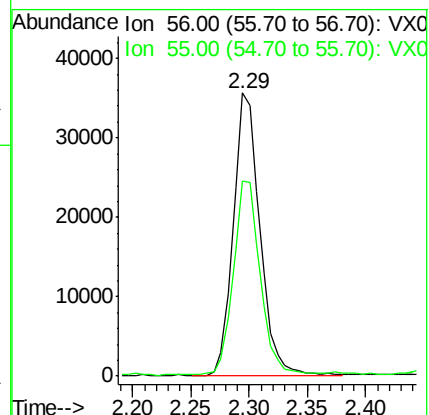
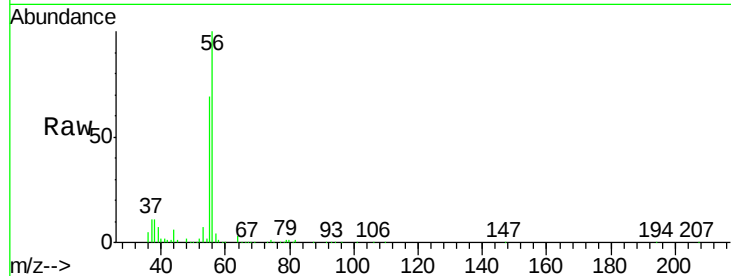
ClientSampleId :

Tot Ion: 56 Resp: 56529

Ion Ratio Lower Upper

56 100

55 69.9 57.0 85.4



#14

Allyl chloride

Concen: 43.04 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

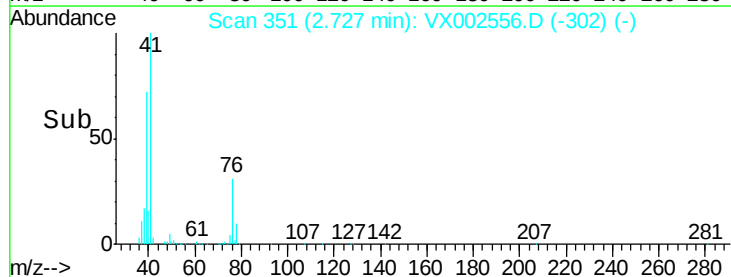
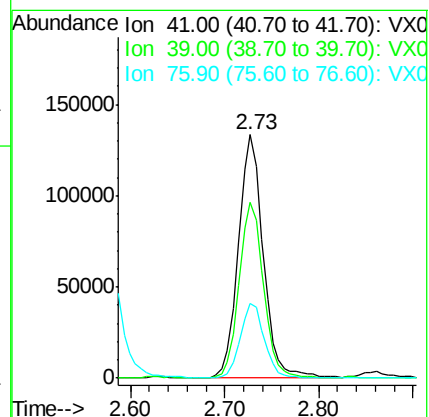
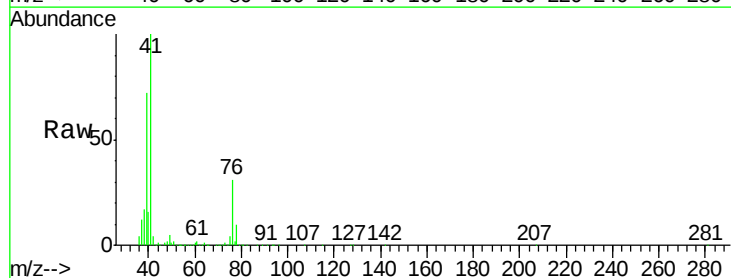
Tgt Ion: 41 Resp: 242859

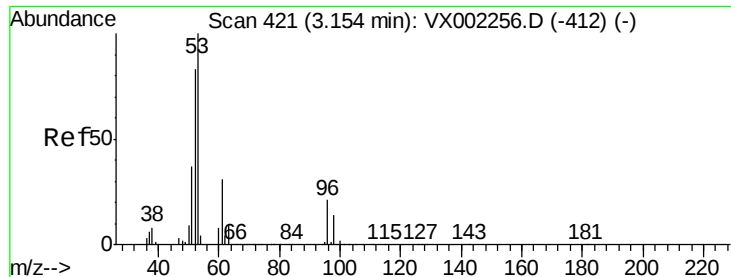
Ion Ratio Lower Upper

41 100

39 71.1 56.8 85.2

76 29.7 23.8 35.8





#15

Acrylonitrile

Concen: 270.26 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

Instrument :
MSVOA_X
ClientSampled :

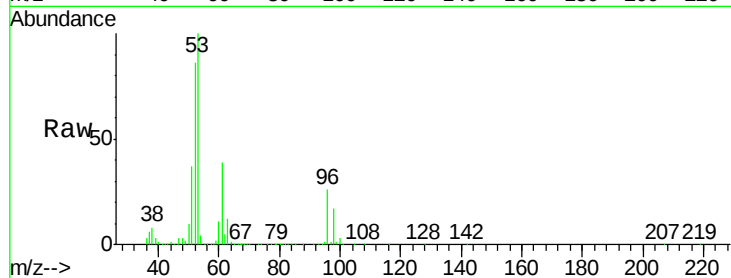
Tot Ion: 53 Resp: 400604

Ion Ratio Lower Upper

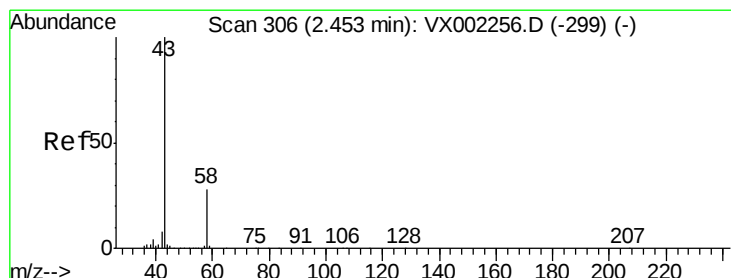
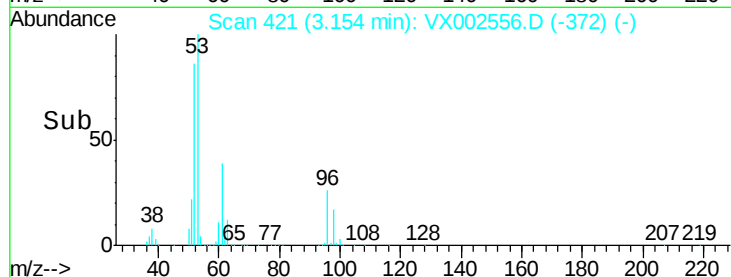
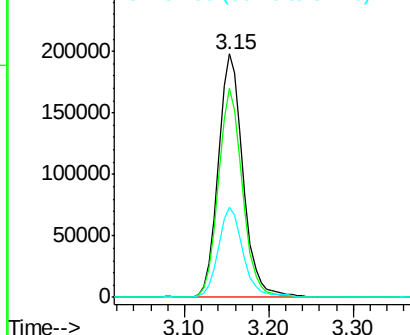
53 100

52 83.6 66.7 100.1

51 37.1 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: 250.84 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002556.D

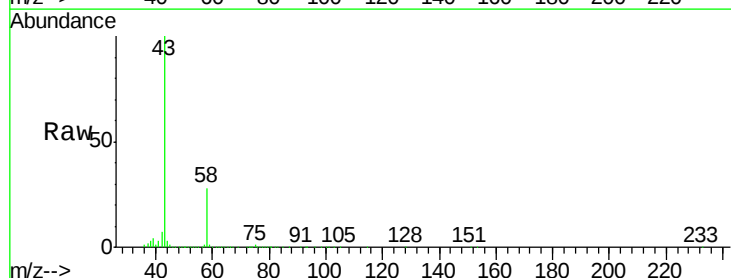
Acq: 14 Jun 2018 17:12

Tgt Ion: 43 Resp: 376728

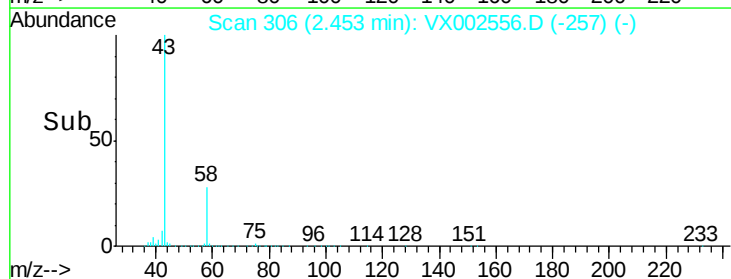
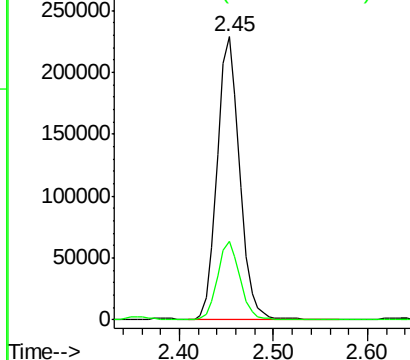
Ion Ratio Lower Upper

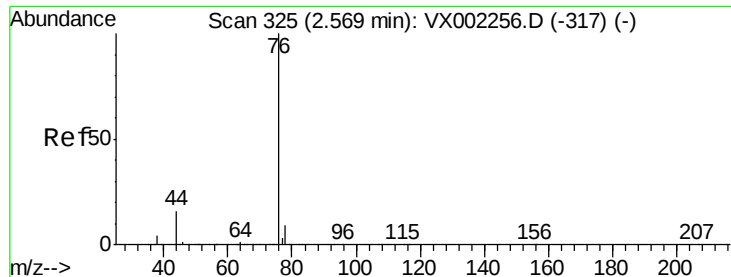
43 100

58 27.8 22.1 33.1



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

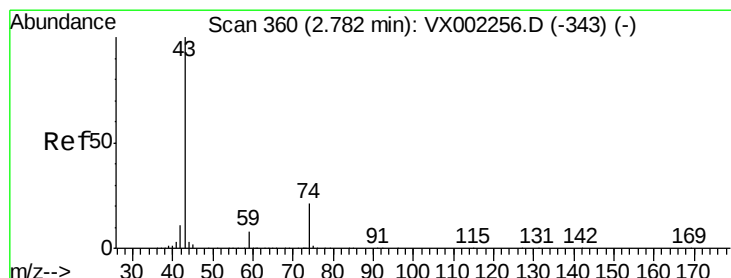
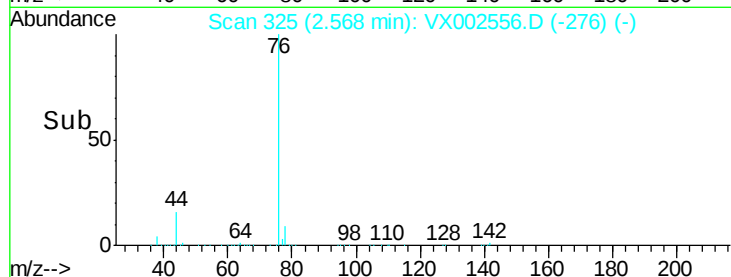
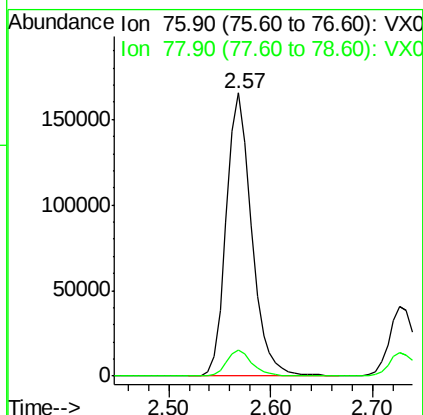
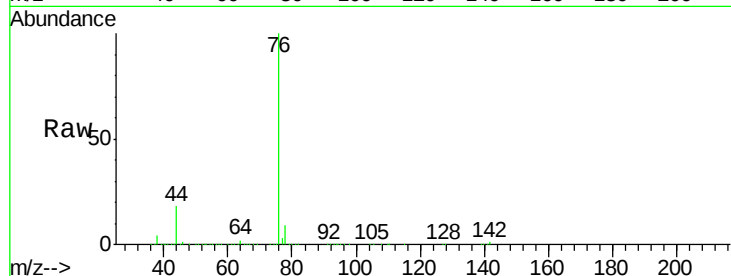




#17
Carbon Disulfide
Concen: 41.67 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002556.D
Acq: 14 Jun 2018 17:12

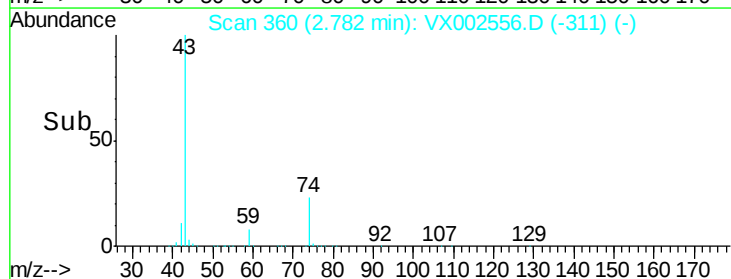
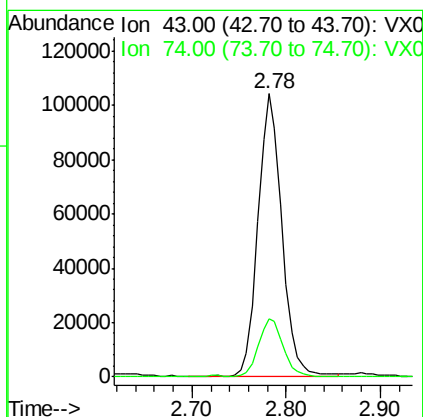
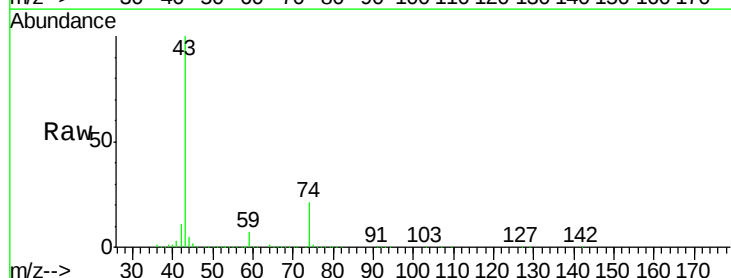
Instrument :
MSVOA_X
ClientSampleId :

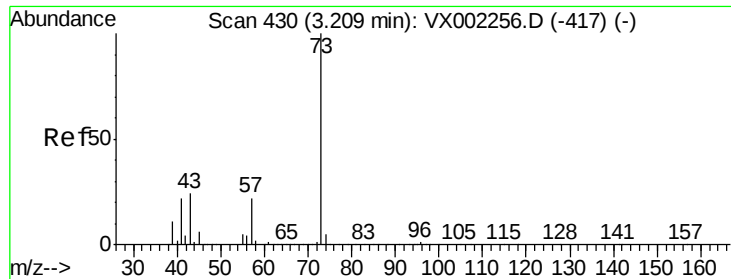
Tot Ion: 76 Resp: 285584
Ion Ratio Lower Upper
76 100
78 9.3 6.9 10.3



#18
Methyl Acetate
Concen: 53.11 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002556.D
Acq: 14 Jun 2018 17:12

Tgt Ion: 43 Resp: 185273
Ion Ratio Lower Upper
43 100
74 20.7 16.7 25.1

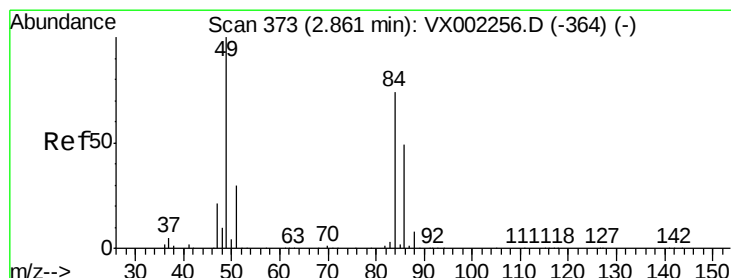
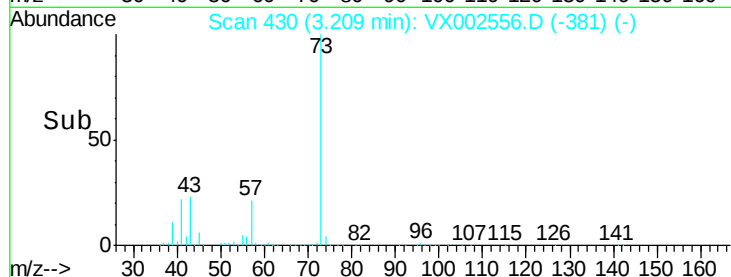
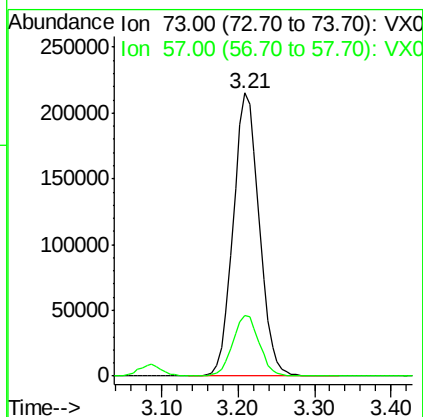
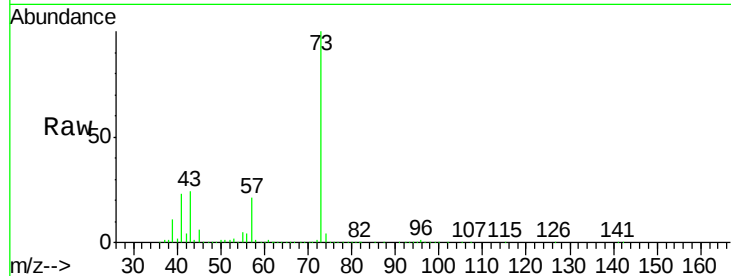




#19
Methvl tert-butvl Ether
Concen: 56.16 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002556.D
Acq: 14 Jun 2018 17:12

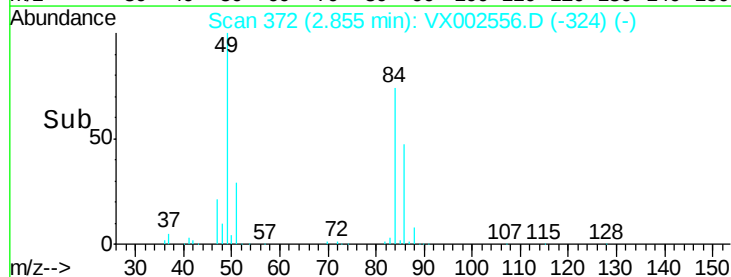
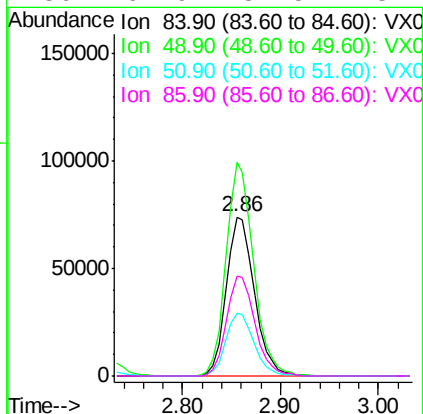
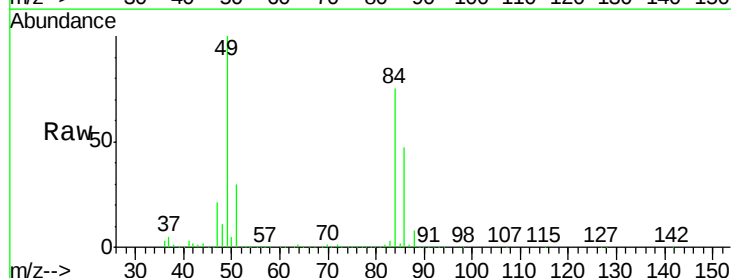
Instrument :
MSVOA_X
ClientSampleId :

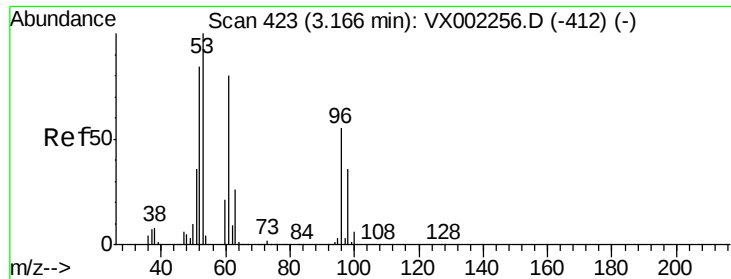
Tot Ion: 73 Resp: 505875
Ion Ratio Lower Upper
73 100
57 21.2 17.7 26.5



#20
Methylene Chloride
Concen: 53.51 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX002556.D
Acq: 14 Jun 2018 17:12

Tgt Ion: 84 Resp: 147251
Ion Ratio Lower Upper
84 100
49 134.1 107.8 161.6
51 39.5 32.8 49.2
86 62.9 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 47.33 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

Instrument :

MSVOA_X

ClientSampleId :

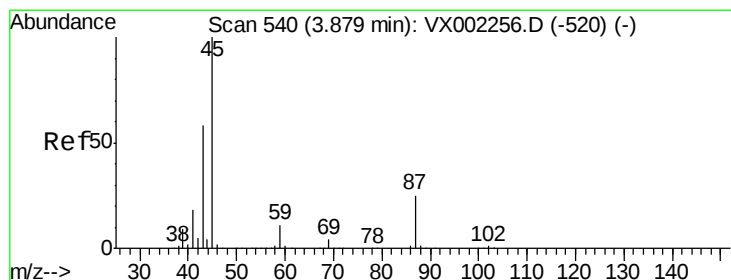
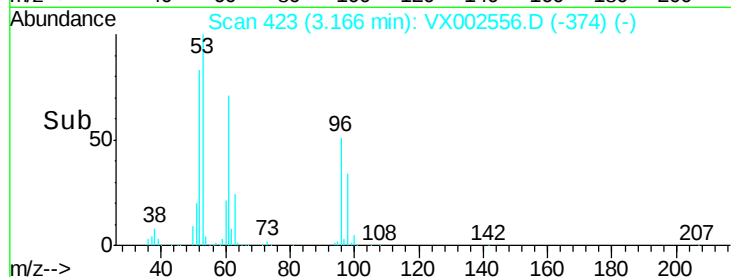
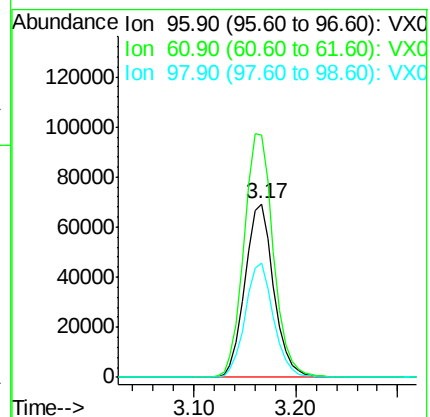
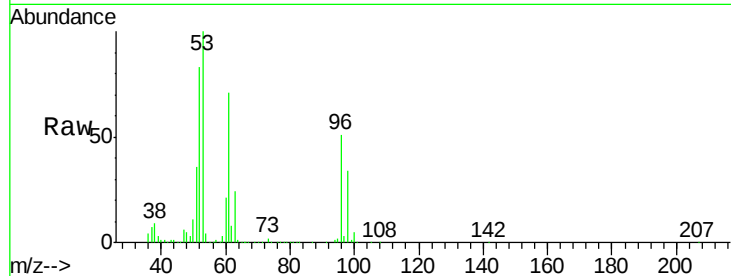
Tot Ion: 96 Resp: 135736

Ion Ratio Lower Upper

96 100

61 139.4 117.0 175.4

98 66.0 52.4 78.6



#22

Diisopropyl ether

Concen: 51.65 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

Tgt Ion: 45 Resp: 486515

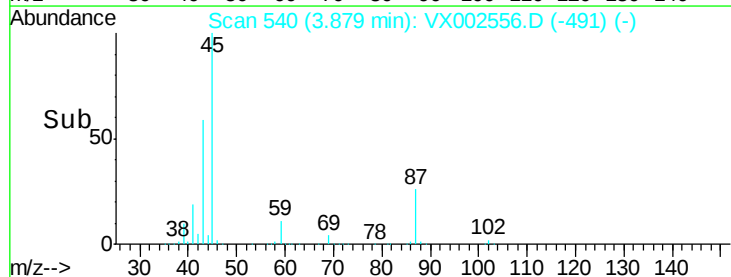
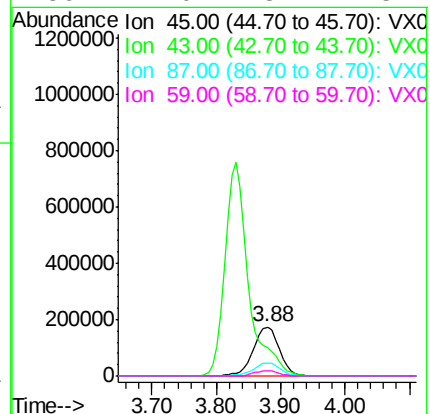
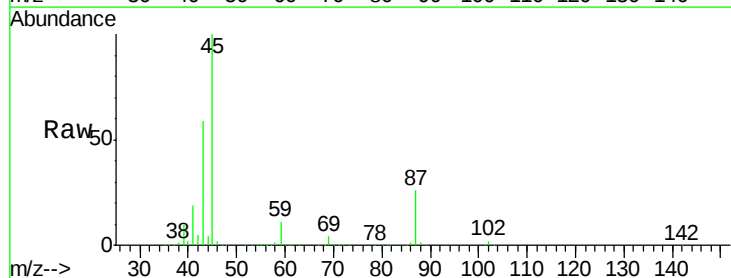
Ion Ratio Lower Upper

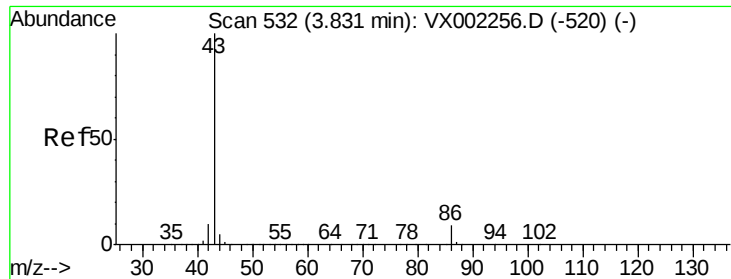
45 100

43 58.5 46.8 70.2

87 26.2 20.2 30.4

59 11.0 8.7 13.1





#23

Vinyl Acetate

Concen: 214.70 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

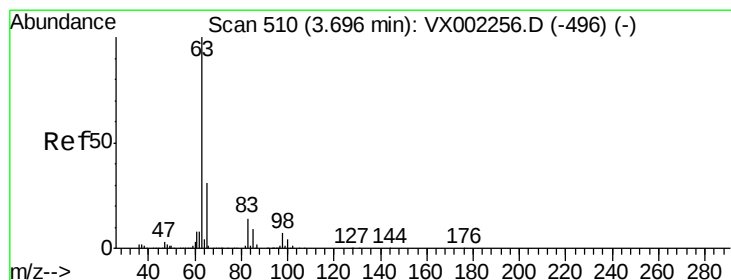
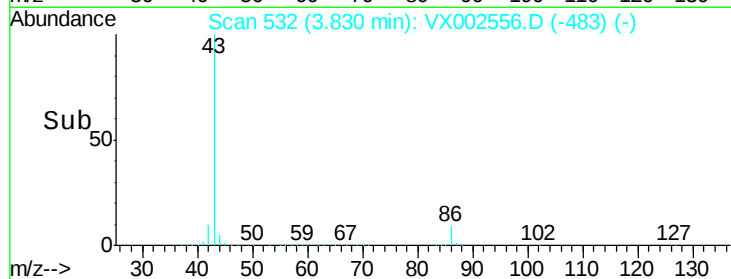
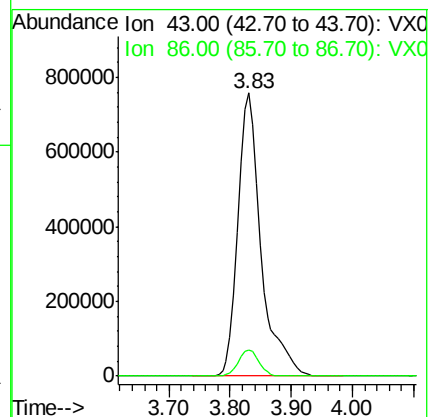
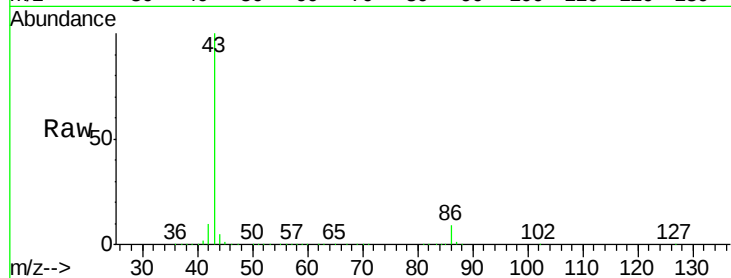
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1964134

Ion Ratio Lower Upper

43 100

86 9.3 7.4 11.0



#24

1,1-Dichloroethane

Concen: 44.34 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

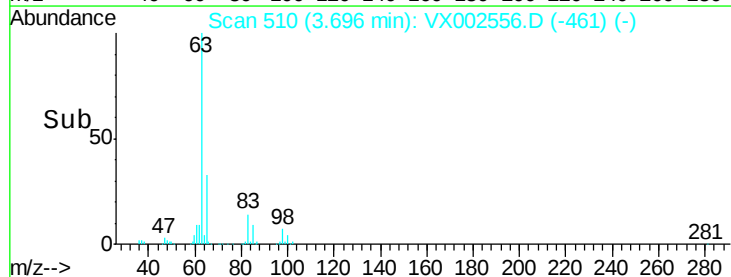
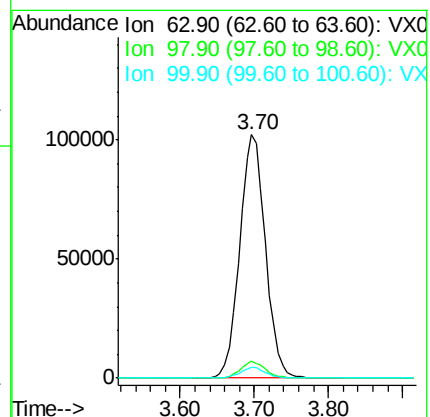
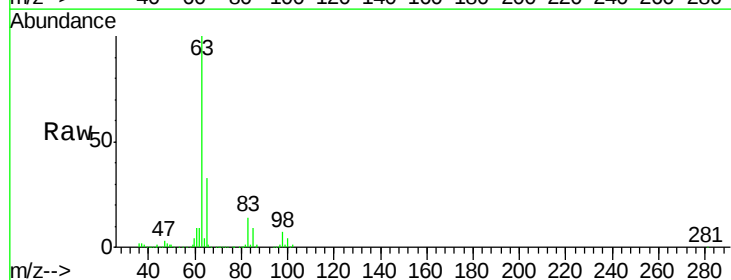
Tgt Ion: 63 Resp: 247306

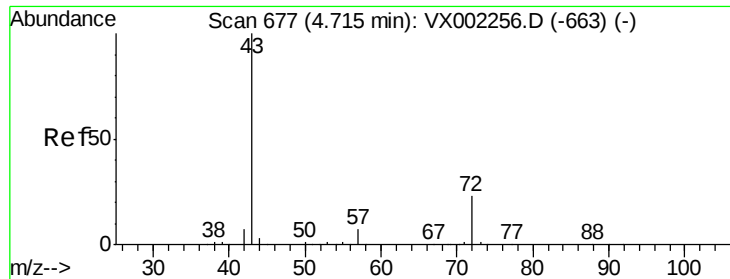
Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.2

100 4.3 2.0 6.0





#25

2-Butanone

Concen: 229.83 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

Instrument :

MSVOA_X

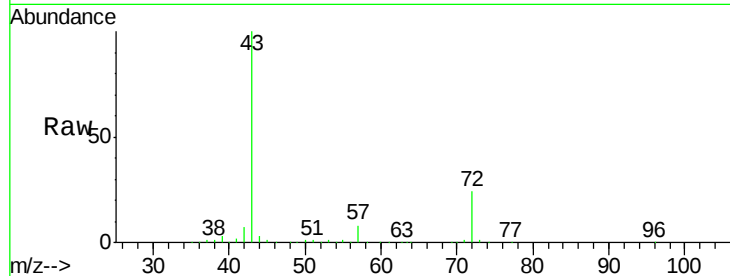
ClientSampled :

Tot Ion: 43 Resp: 550440

Ion Ratio Lower Upper

43 100

72 23.6 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

200000

150000

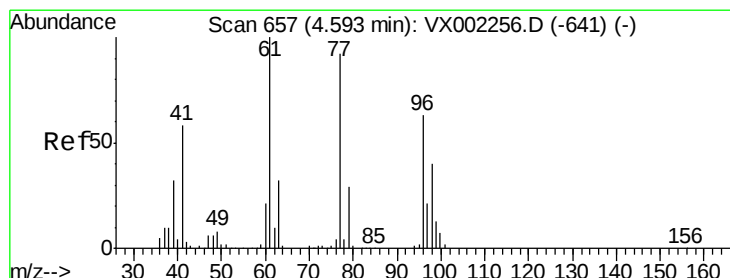
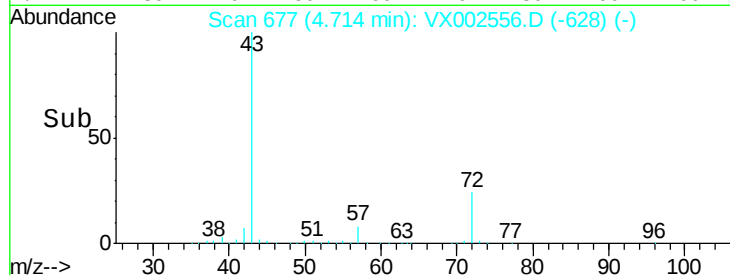
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 27.90 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002556.D

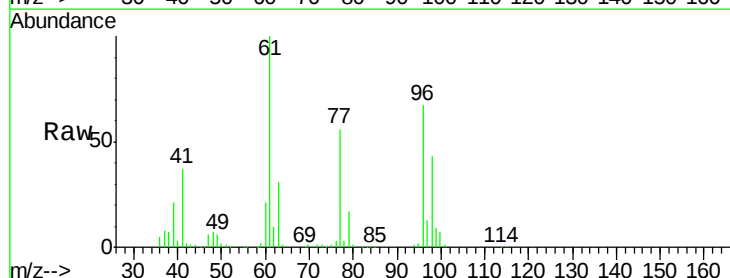
Acq: 14 Jun 2018 17:12

Tgt Ion: 77 Resp: 121660

Ion Ratio Lower Upper

77 100

97 25.9 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

30000

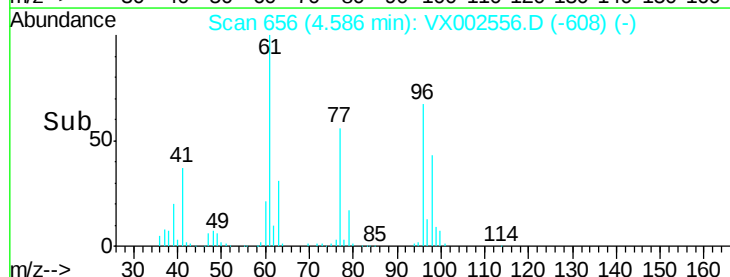
20000

10000

0

4.50 4.60 4.70

Time-->



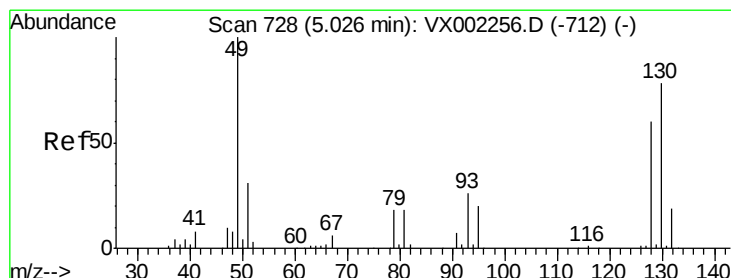
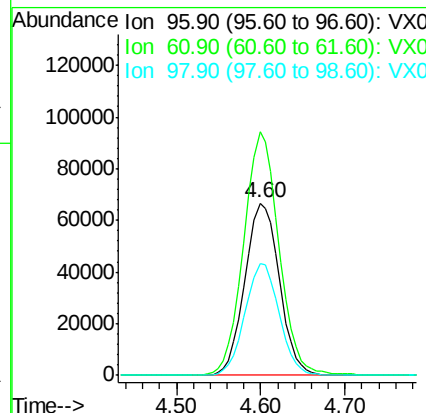
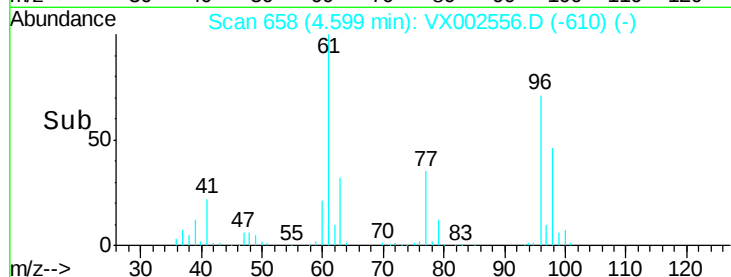
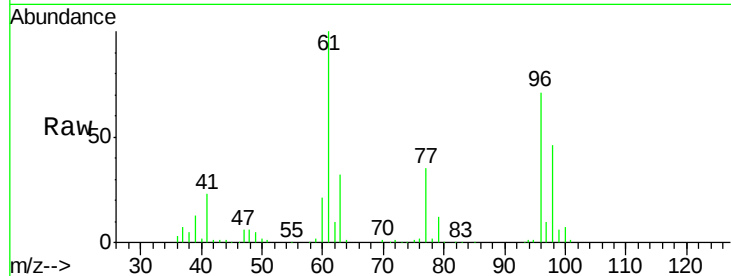


#27

cis-1,2-Dichloroethene
Concen: 59.29 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX002556.D
Acq: 14 Jun 2018 17:12

Instrument :
MSVOA_X
ClientSampleId :

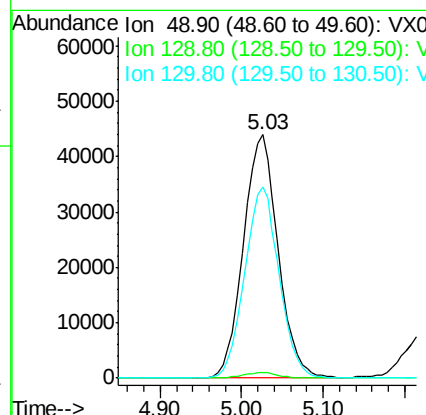
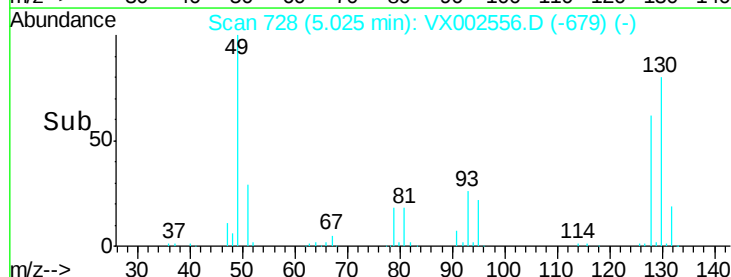
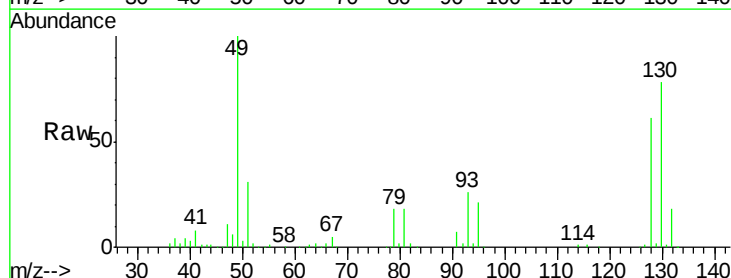
Tot Ion	Ratio	Lower	Upper
96	100		
61	145.1	0.0	330.2
98	64.5	0.0	130.2

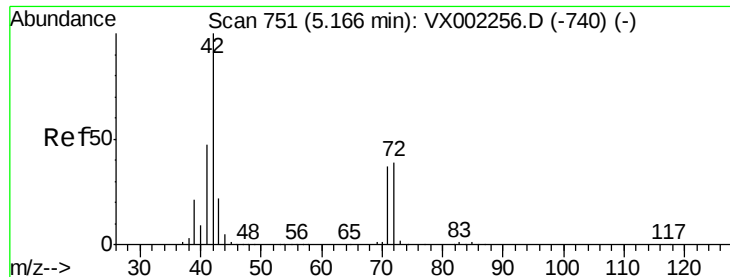


#28

Bromochloromethane
Concen: 54.95 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX002556.D
Acq: 14 Jun 2018 17:12

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.2
130	78.0	61.2	91.8

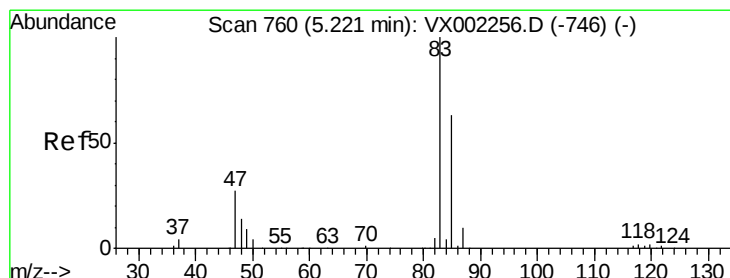
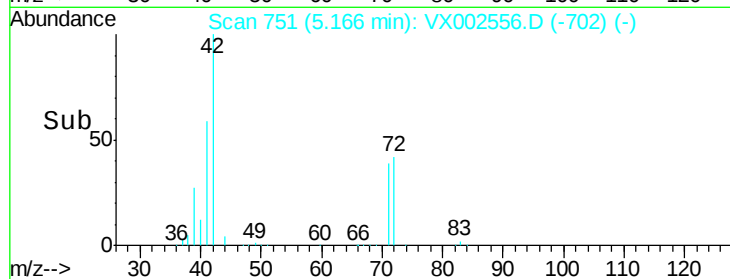
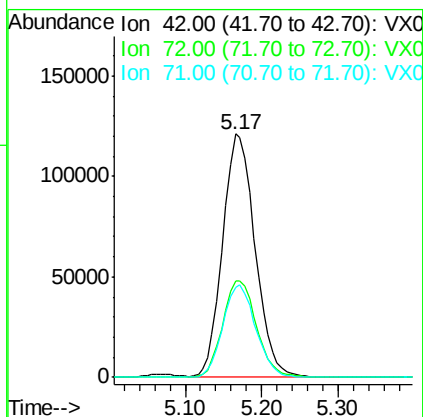
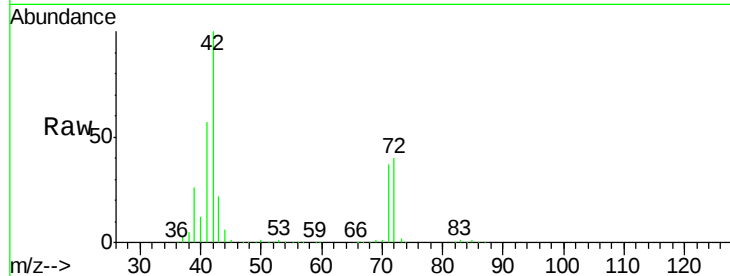




#29
Tetrahydrofuran
Concen: 230.24 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002556.D
Acq: 14 Jun 2018 17:12

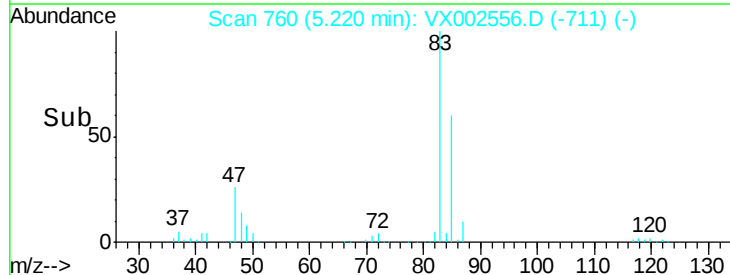
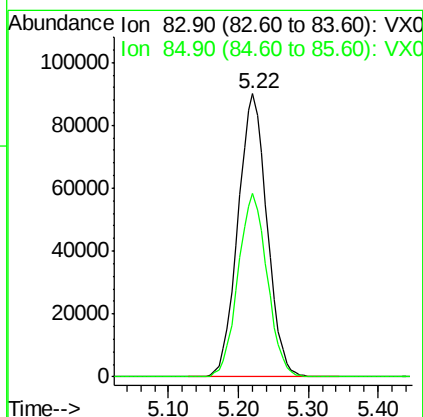
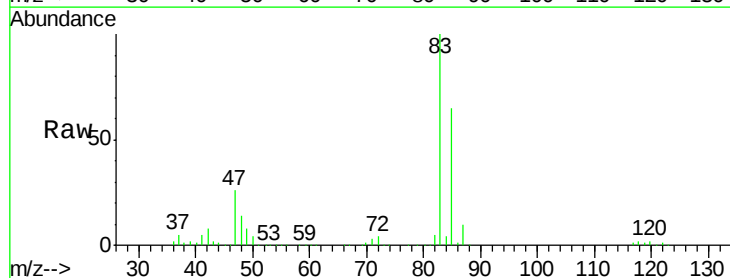
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 42 Resp: 35535
Ion Ratio Lower Upper
42 100
72 41.5 32.0 48.0
71 38.5 30.1 45.1



#30
Chloroform
Concen: 48.31 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002556.D
Acq: 14 Jun 2018 17:12

Tgt Ion: 83 Resp: 260000
Ion Ratio Lower Upper
83 100
85 65.1 50.4 75.6





#31

Cvclohexane

Concen: 45.76 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

Instrument :

MSVOA_X

ClientSampleId :

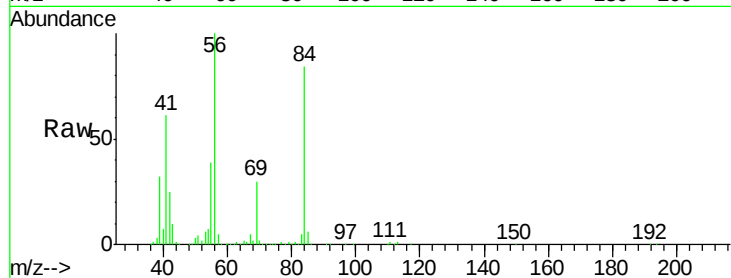
Tot Ion: 56 Resp: 201830

Ion Ratio Lower Upper

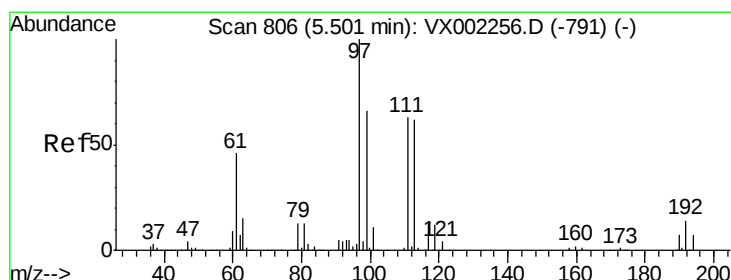
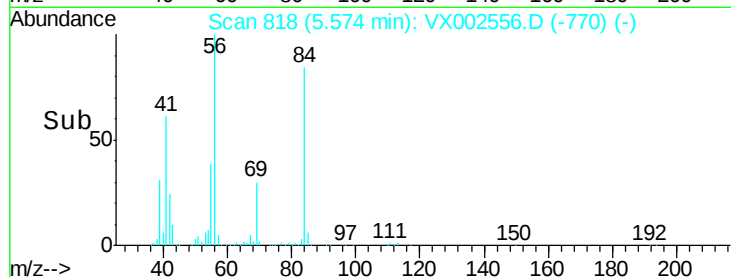
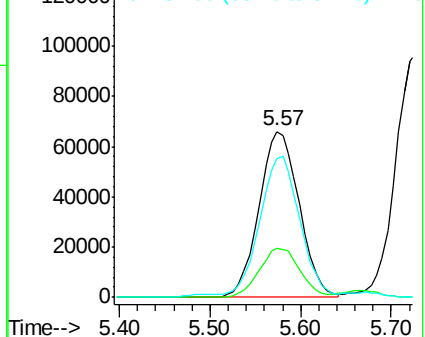
56 100

69 29.9 23.7 35.5

84 82.7 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: 49.50 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

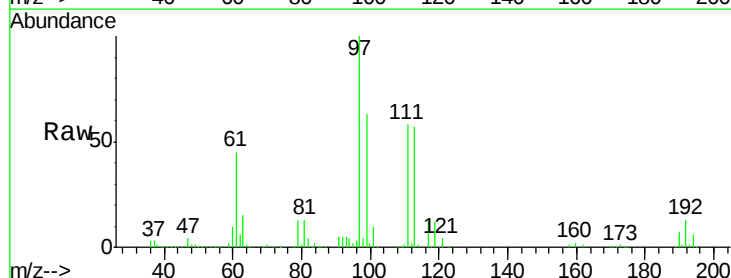
Tgt Ion: 97 Resp: 225936

Ion Ratio Lower Upper

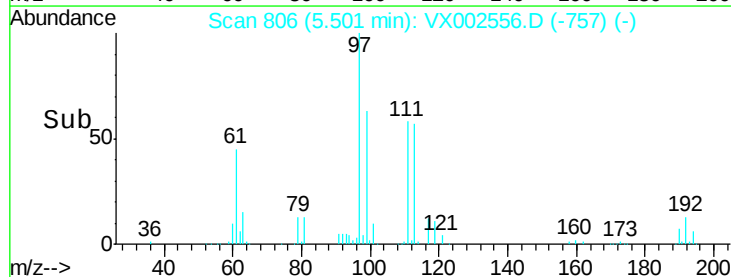
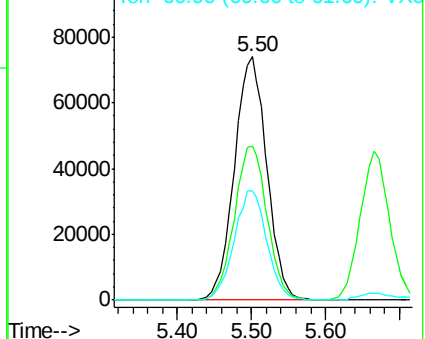
97 100

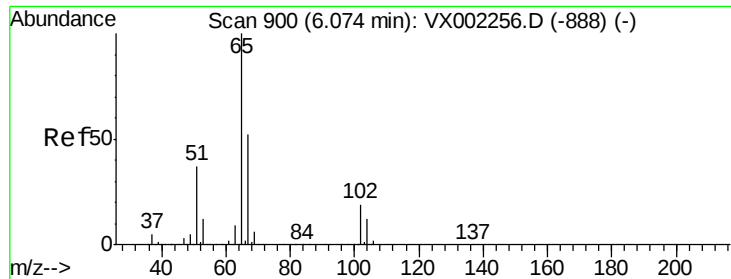
99 64.1 51.6 77.4

61 45.5 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

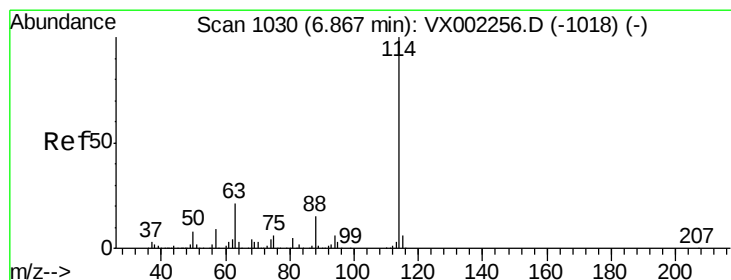
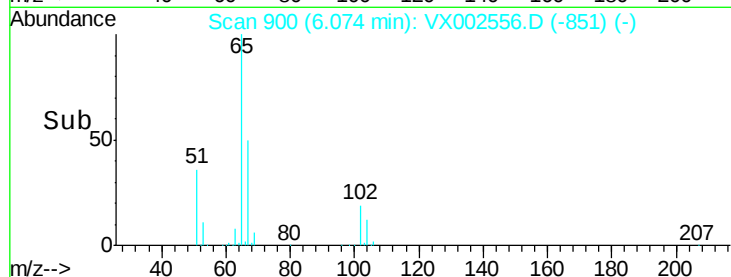
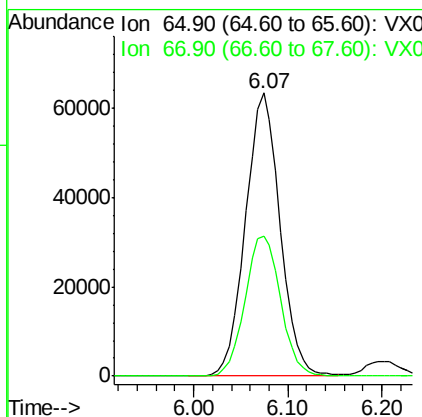
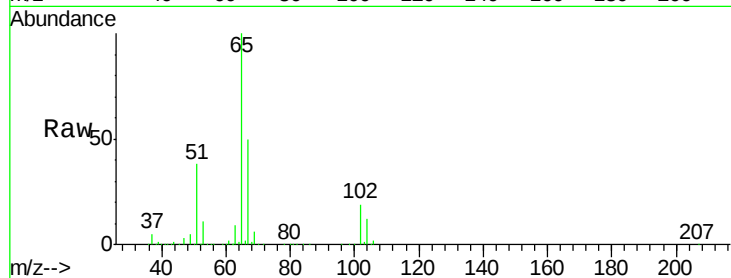




#33
 1,2-Dichloroethane-d4
 Concen: 46.12 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002556.D
 Acq: 14 Jun 2018 17:12

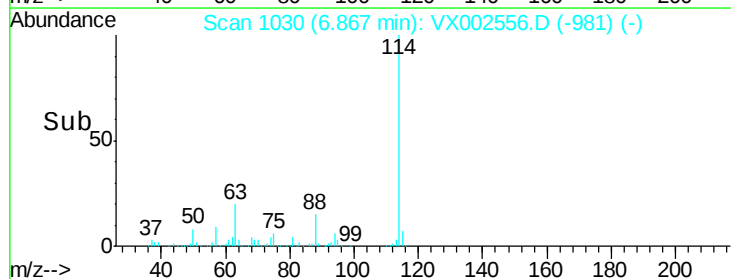
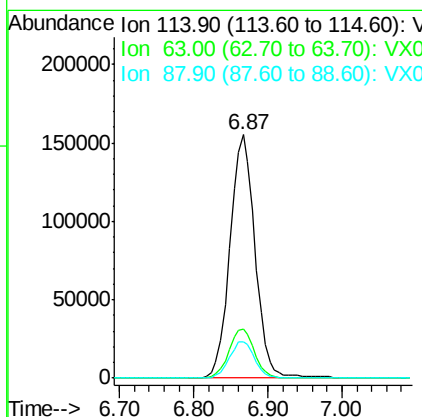
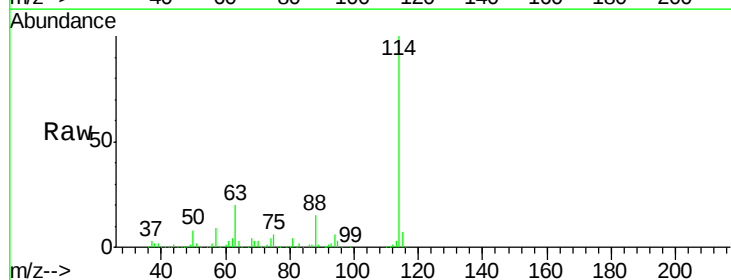
Instrument :
 MSVOA_X
 ClientSampleId :

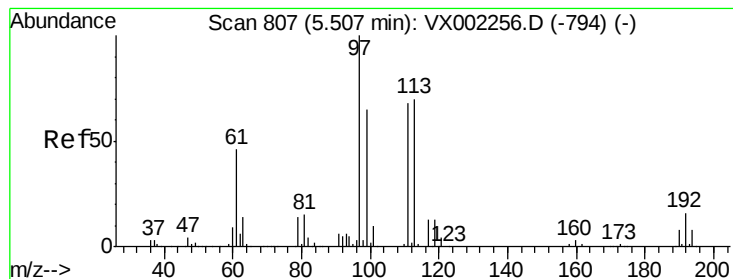
Tot Ion: 65 Resp: 162044
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002556.D
 Acq: 14 Jun 2018 17:12

Tgt Ion: 114 Resp: 365290
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 41.4
 88 15.0 0.0 30.0





#35

Dibromofluoromethane

Concen: 44.48 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

Instrument :

MSVOA_X

ClientSampled :

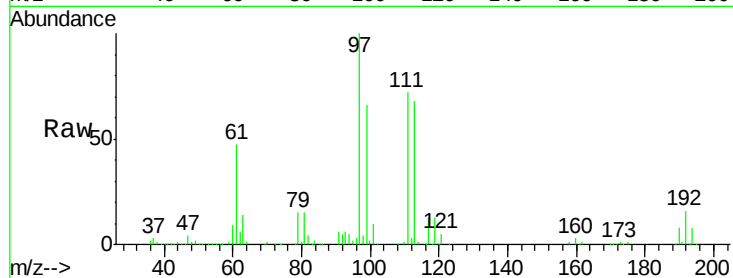
Tot Ion:113 Resp: 127784

Ion Ratio Lower Upper

113 100

111 103.5 81.4 122.0

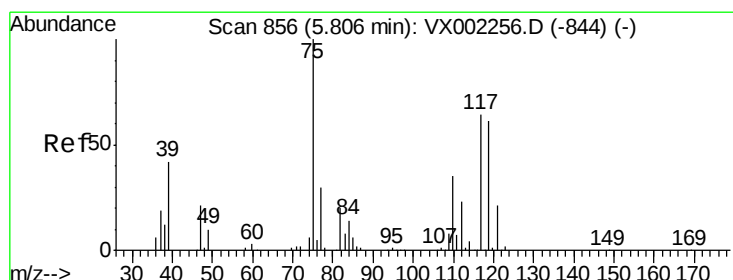
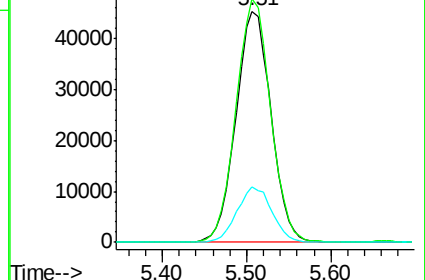
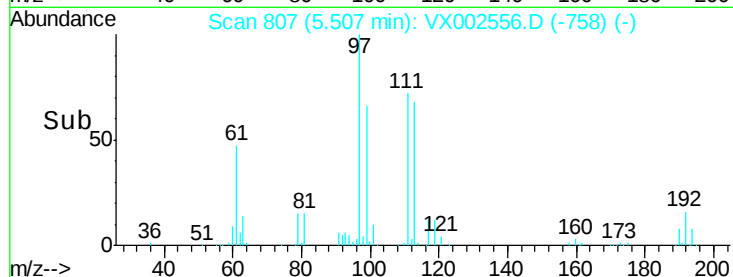
192 23.9 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.53 ug/l

RT: 5.80 min Scan# 856

Delta R.T. -0.01 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

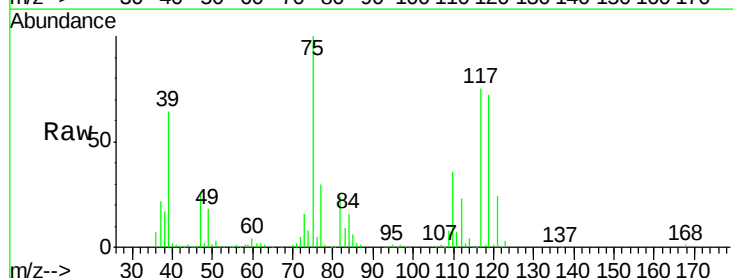
Tgt Ion: 75 Resp: 182528

Ion Ratio Lower Upper

75 100

110 36.2 18.1 54.4

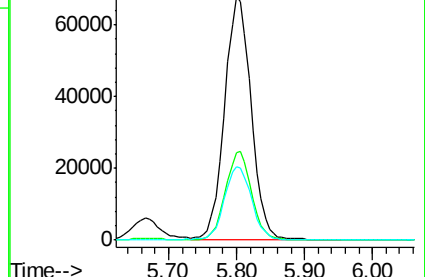
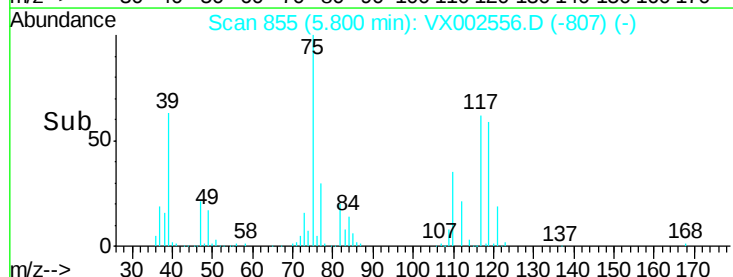
77 31.2 24.3 36.5

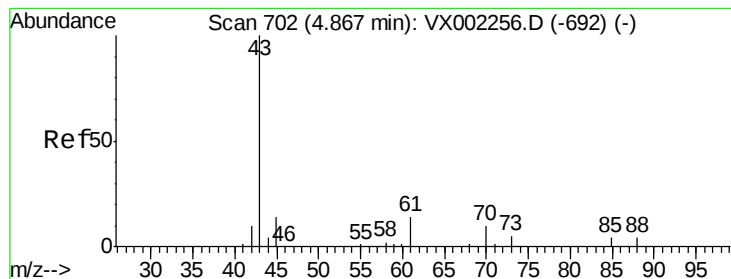


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 45.00 ug/l

RT: 4.87 min Scan# 702

Delta R.T. -0.00 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

Instrument :

MSVOA_X

ClientSampled :

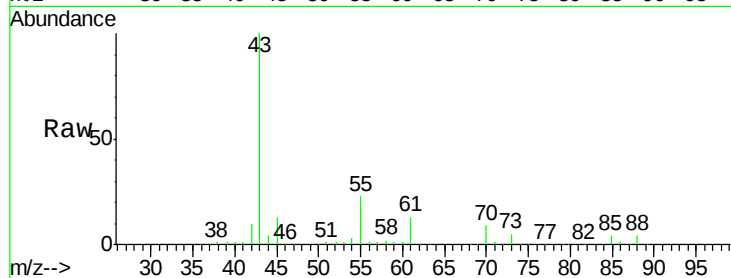
Tot Ion: 43 Resp: 207825

Ion Ratio Lower Upper

43 100

61 12.9 10.4 15.6

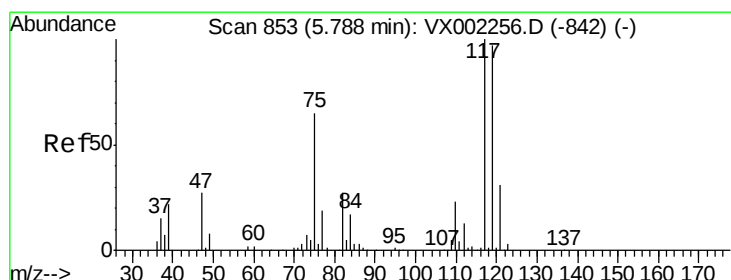
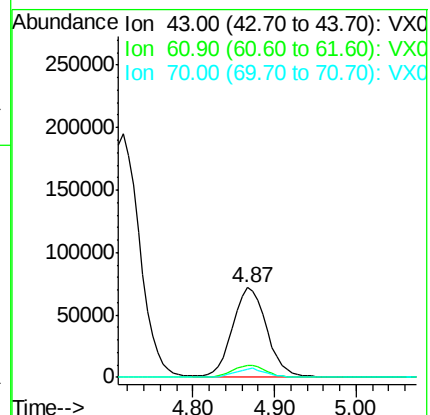
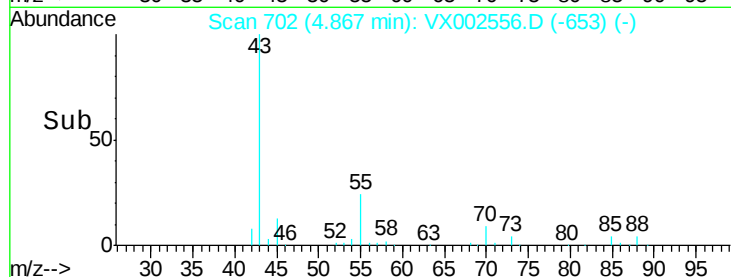
70 9.5 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX002256.D (-692) (-)

Ion 60.90 (60.60 to 61.60): VX002256.D (-692) (-)

Ion 70.00 (69.70 to 70.70): VX002256.D (-692) (-)



#38

Carbon Tetrachloride

Concen: 48.19 ug/l

RT: 5.79 min Scan# 853

Delta R.T. -0.00 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

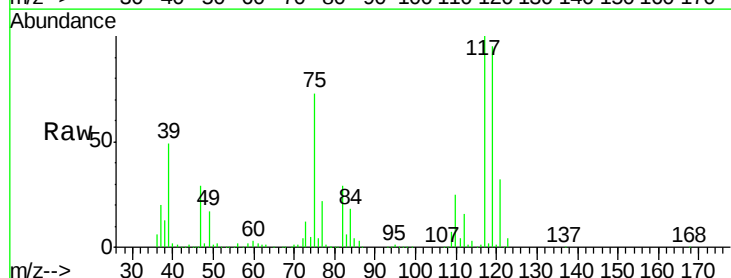
Tgt Ion: 117 Resp: 193609

Ion Ratio Lower Upper

117 100

119 94.7 77.4 116.0

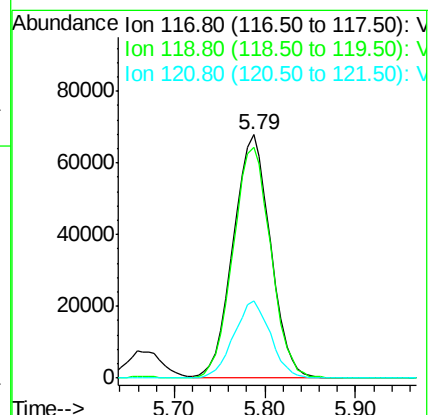
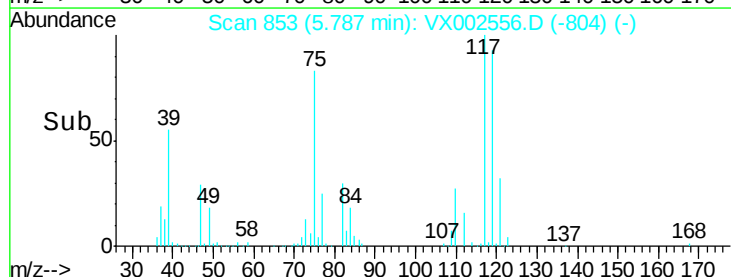
121 31.8 24.4 36.6

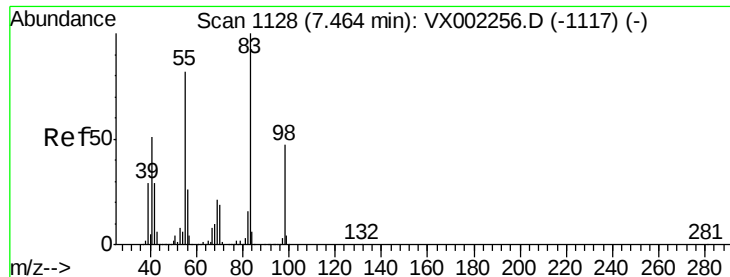


Abundance Ion 116.80 (116.50 to 117.50): VX002256.D (-842) (-)

Ion 118.80 (118.50 to 119.50): VX002256.D (-842) (-)

Ion 120.80 (120.50 to 121.50): VX002256.D (-842) (-)

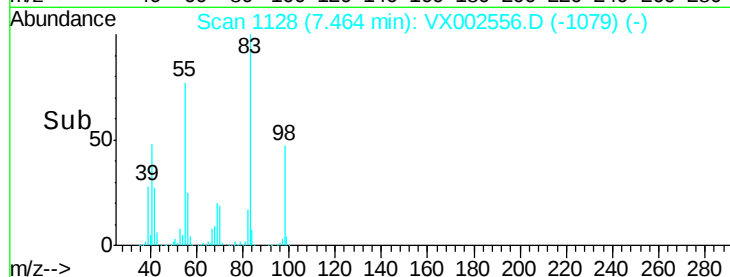
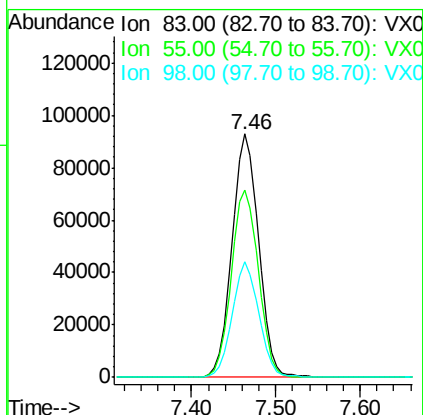
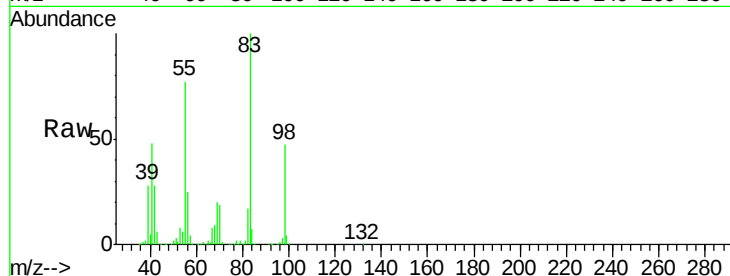




#39
Methvlcvclohexane
Concen: 41.88 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002556.D
Acq: 14 Jun 2018 17:12

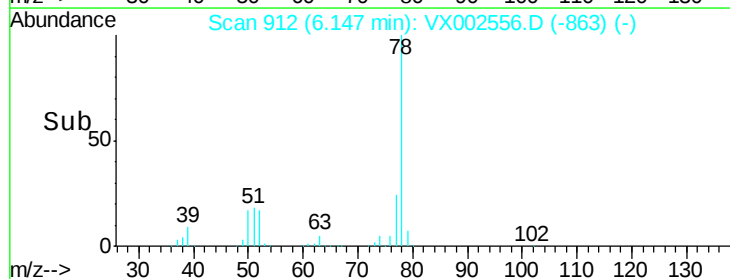
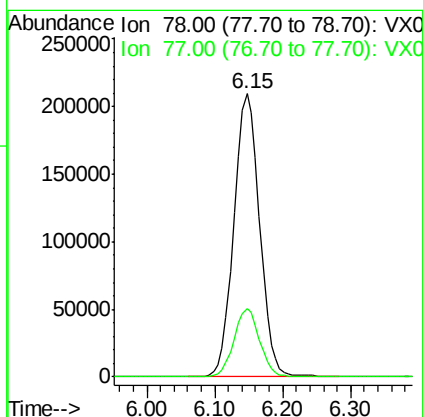
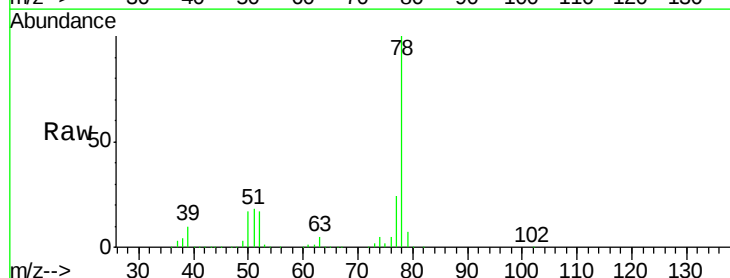
Instrument :
MSVOA_X
ClientSampleId :

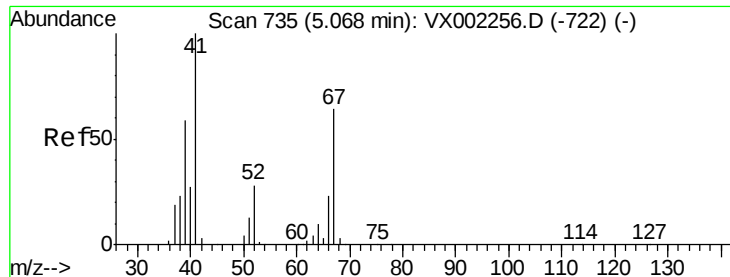
Tot Ion	83	Resp	198499
Ion Ratio	Lower	Upper	
83	100		
55	76.9	65.4	98.0
98	47.4	37.4	56.0



#40
Benzene
Concen: 46.82 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002556.D
Acq: 14 Jun 2018 17:12

Tgt Ion	78	Resp	551258
Ion Ratio	Lower	Upper	
78	100		
77	24.1	19.1	28.7

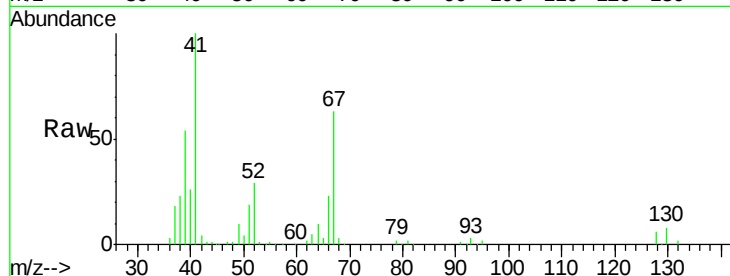




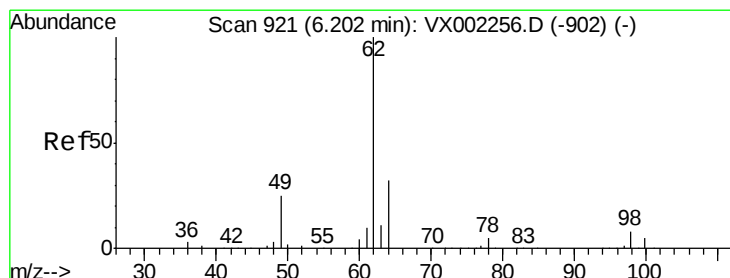
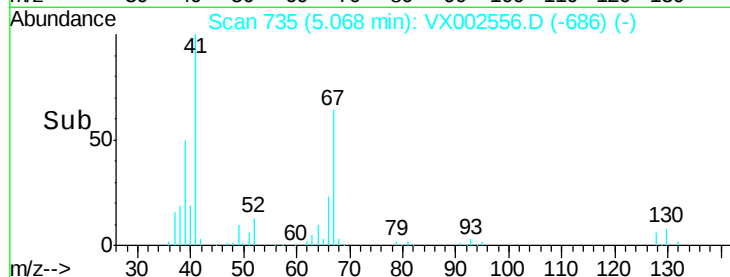
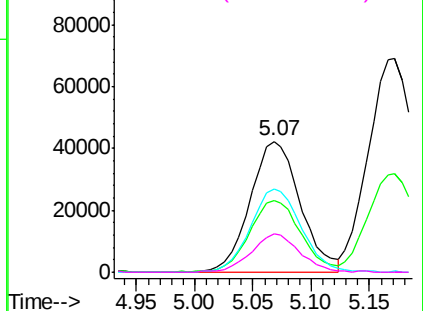
#41
Methacrylonitrile
Concen: 47.61 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002556.D
Acq: 14 Jun 2018 17:12

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	125883
Ion	Ratio	Lower	Upper
41	100		
39	55.8	45.8	68.6
67	64.9	51.3	76.9
52	28.5	23.0	34.6

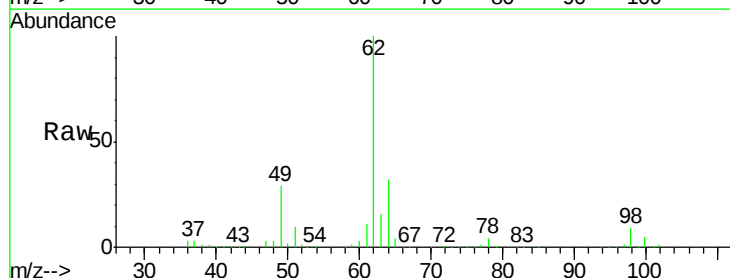


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

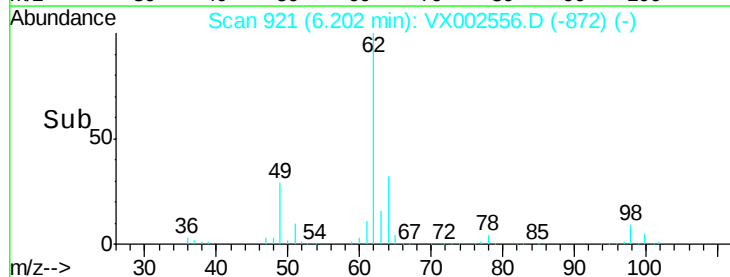
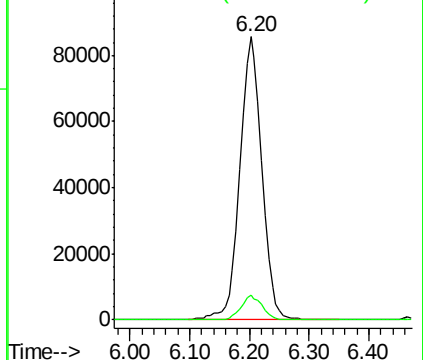


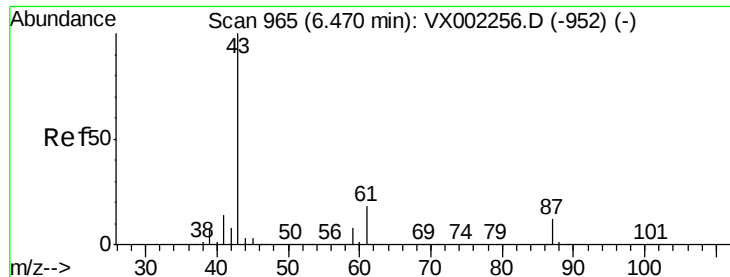
#42
1,2-Dichloroethane
Concen: 46.86 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002556.D
Acq: 14 Jun 2018 17:12

Tgt Ion:	62	Resp:	219237
Ion	Ratio	Lower	Upper
62	100		
98	8.3	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: 46.33 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

Instrument :

MSVOA_X

ClientSampleId :

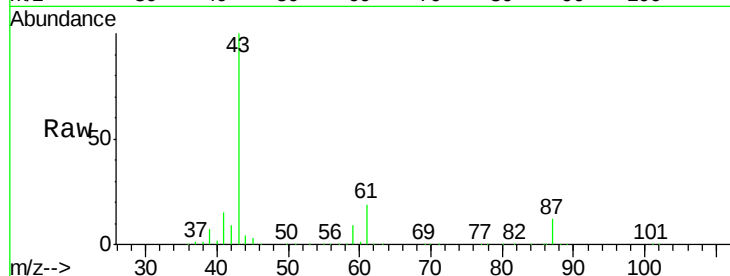
Tot Ion: 43 Resp: 363440

Ion Ratio Lower Upper

43 100

61 18.0 14.4 21.6

87 11.9 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VX002256.D (-952) (-)

Ion 61.00 (60.70 to 61.70): VX002256.D (-952) (-)

Ion 87.00 (86.70 to 87.70): VX002256.D (-952) (-)

6.47

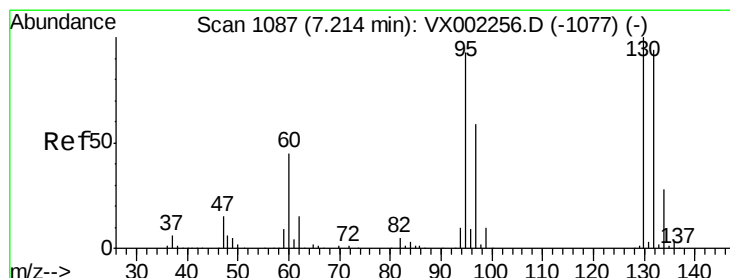
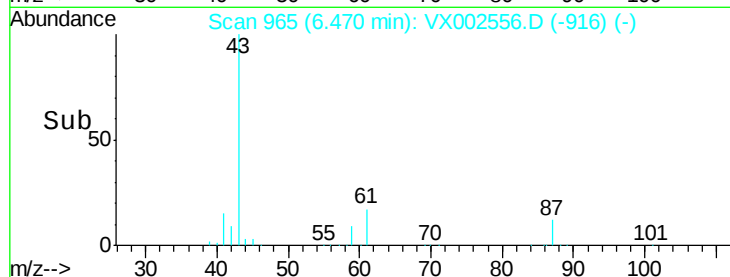
150000

100000

50000

0

Time--> 6.30 6.40 6.50 6.60 6.70



#44

Trichloroethene

Concen: 46.98 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX002556.D

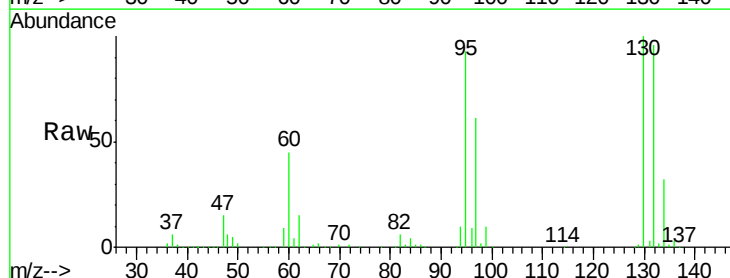
Acq: 14 Jun 2018 17:12

Tgt Ion:130 Resp: 153536

Ion Ratio Lower Upper

130 100

95 93.5 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): VX002256.D (-1077) (-)

Ion 94.90 (94.60 to 95.60): VX002256.D (-1077) (-)

7.21

80000

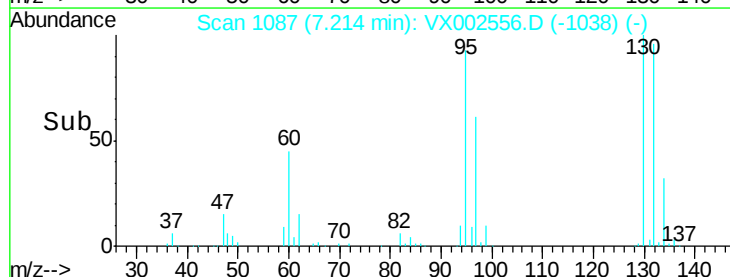
60000

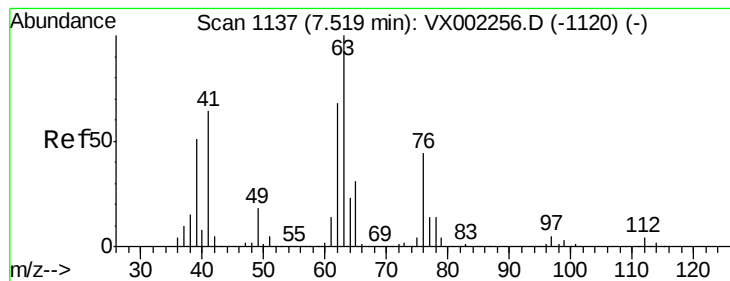
40000

20000

0

Time--> 7.10 7.20 7.30 7.40





#45

1,2-Dichloropropane

Concen: 47.03 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

Instrument :

MSVOA_X

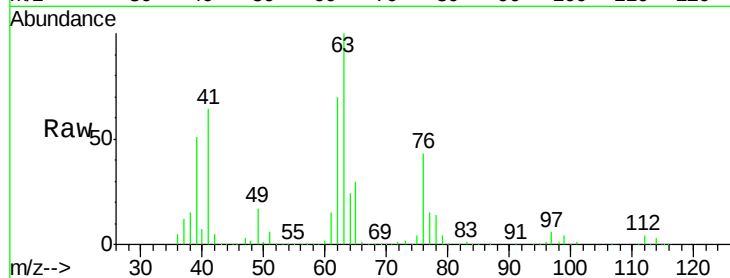
ClientSampled :

Tot Ion: 63 Resp: 149505

Ion Ratio Lower Upper

63 100

65 30.3 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

80000

60000

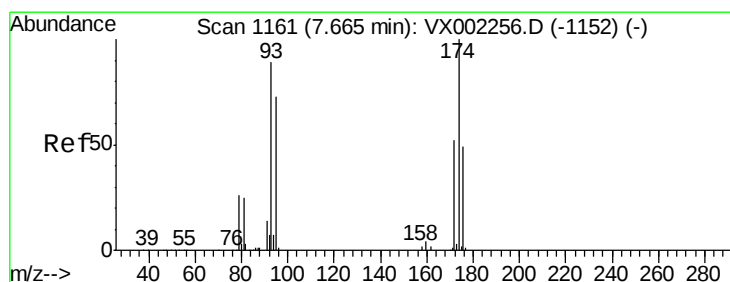
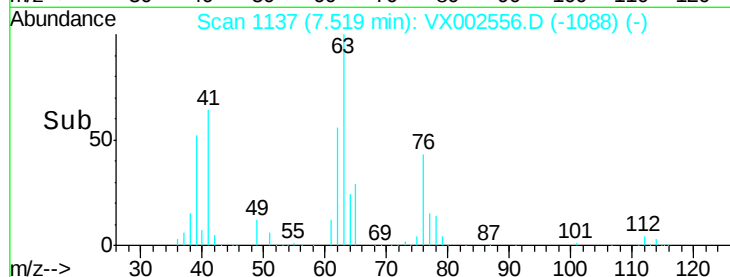
40000

20000

0

Time-->

7.40 7.50 7.60 7.70



#46

Dibromomethane

Concen: 47.03 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

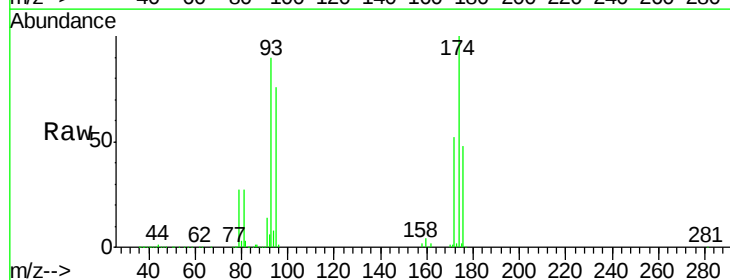
Tgt Ion: 93 Resp: 101340

Ion Ratio Lower Upper

93 100

95 83.0 65.9 98.9

174 117.2 92.4 138.6



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

7.67

80000

60000

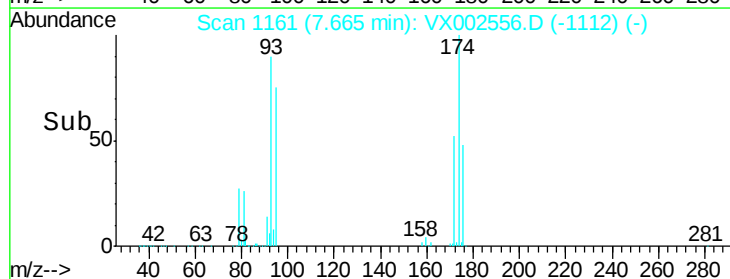
40000

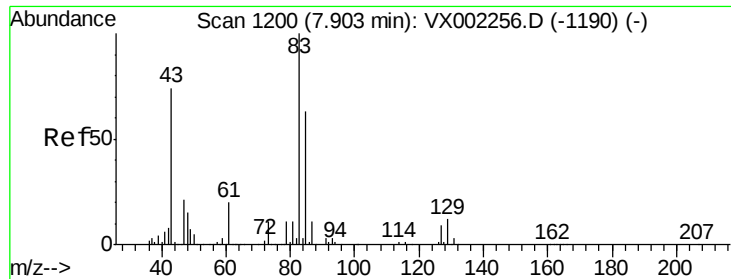
20000

0

Time-->

7.60 7.70 7.80





#47

Bromodichloromethane

Concen: 48.52 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

Instrument :
MSVOA_X
ClientSampled :

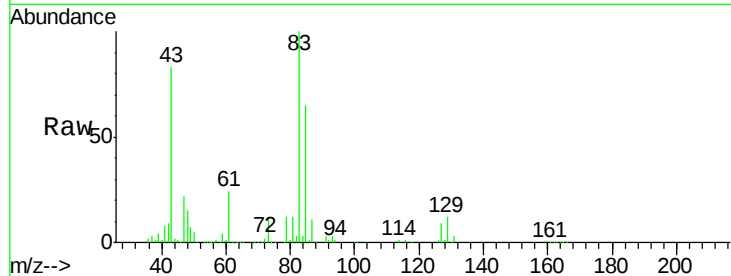
Tot Ion: 83 Resp: 189092

Ion Ratio Lower Upper

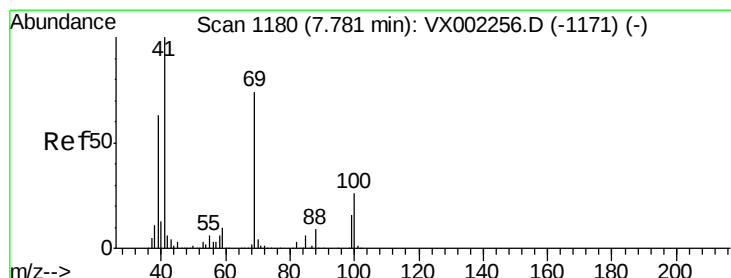
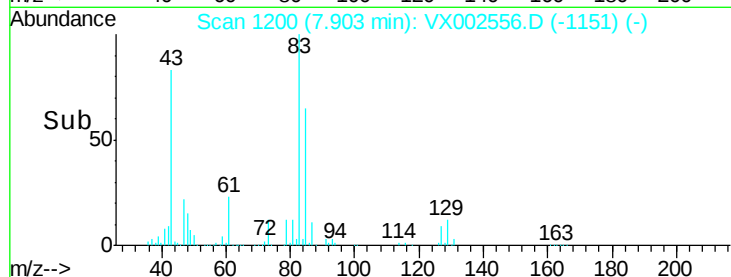
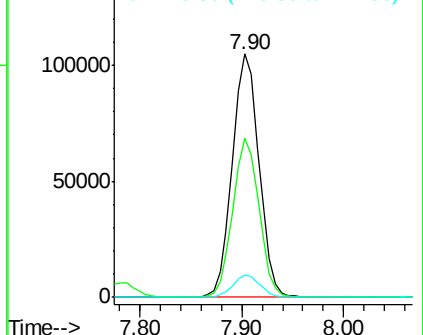
83 100

85 65.1 50.3 75.5

127 9.0 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: 47.40 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

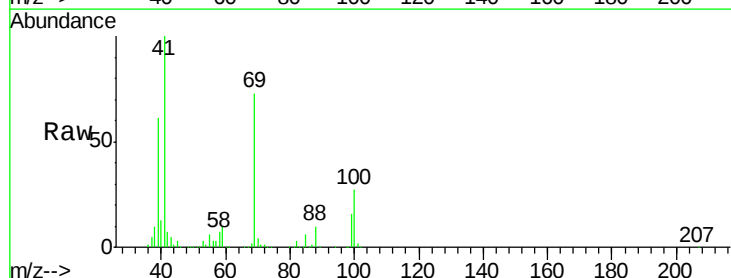
Tgt Ion: 41 Resp: 186762

Ion Ratio Lower Upper

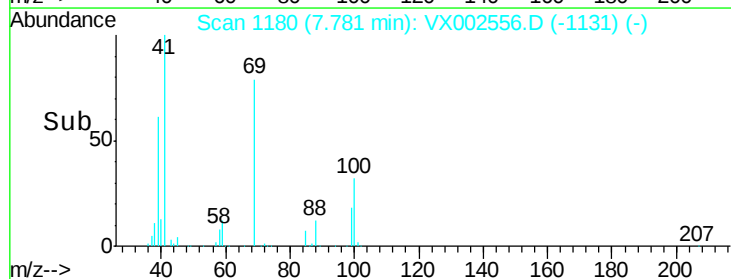
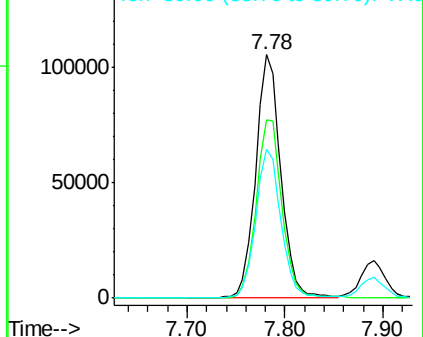
41 100

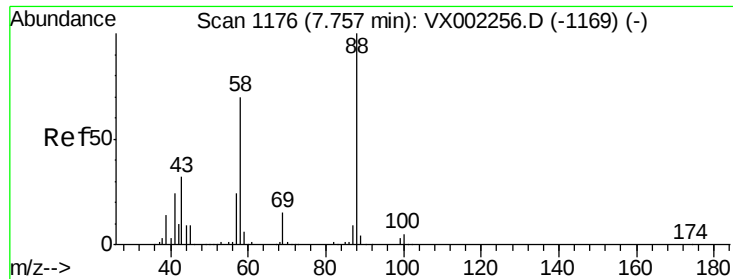
69 76.4 59.1 88.7

39 62.0 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

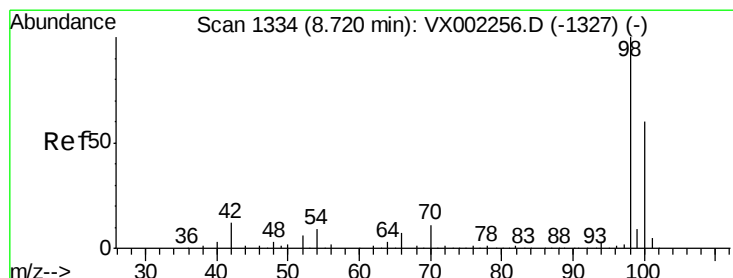
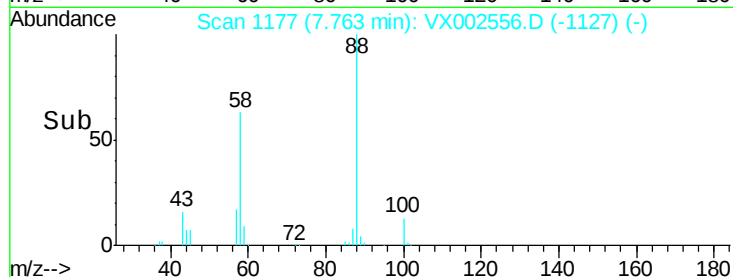
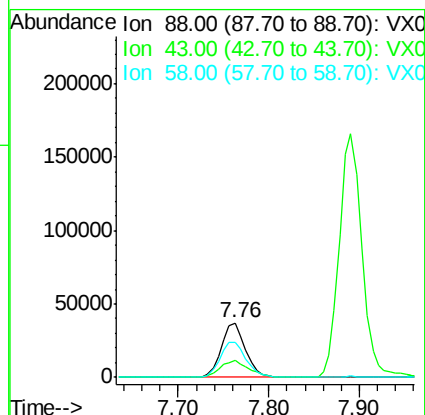
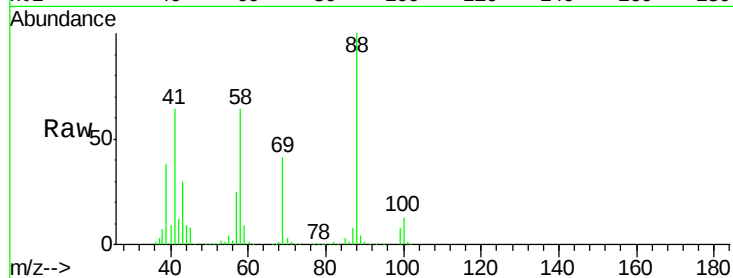




#49
1,4-Dioxane
Concen: 938.16 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002556.D
Acq: 14 Jun 2018 17:12

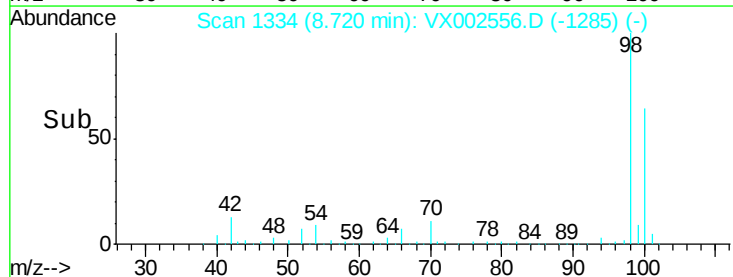
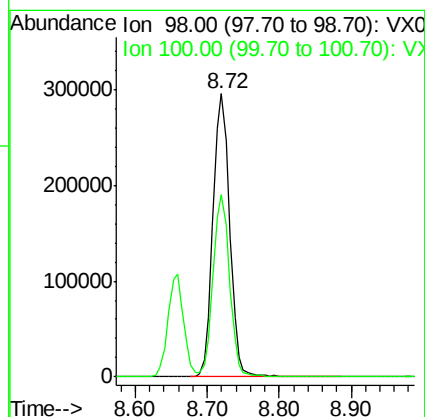
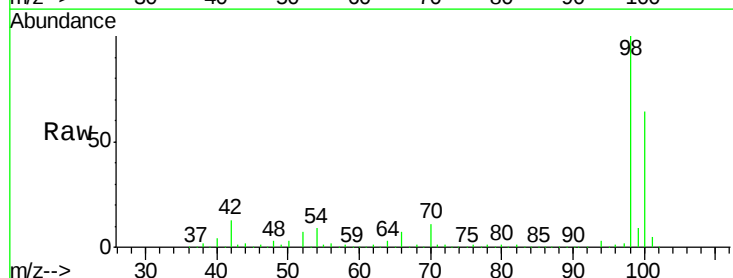
Instrument :
MSVOA_X
ClientSampleId :

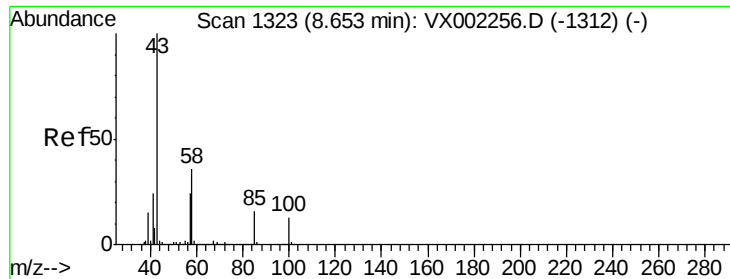
Tot Ion: 88 Resp: 69117
Ion Ratio Lower Upper
88 100
43 35.4 29.8 44.6
58 69.6 57.1 85.7



#50
Toluene-d8
Concen: 42.97 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002556.D
Acq: 14 Jun 2018 17:12

Tgt Ion: 98 Resp: 473157
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 241.87 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

Instrument :

MSVOA_X

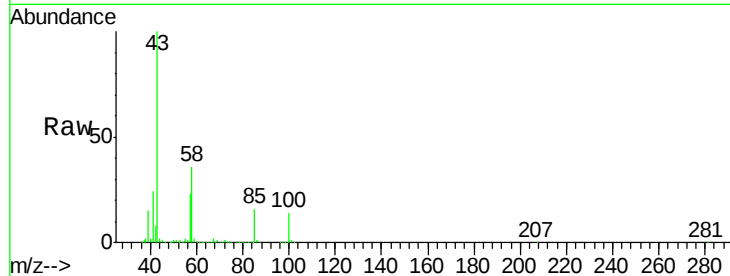
ClientSampleId :

Tot Ion: 43 Resp: 1181529

Ion Ratio Lower Upper

43 100

58 36.0 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

800000

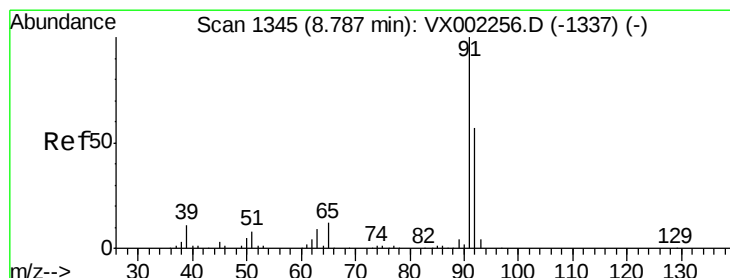
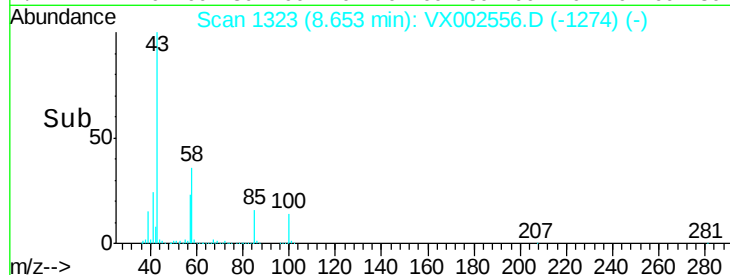
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 47.88 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002556.D

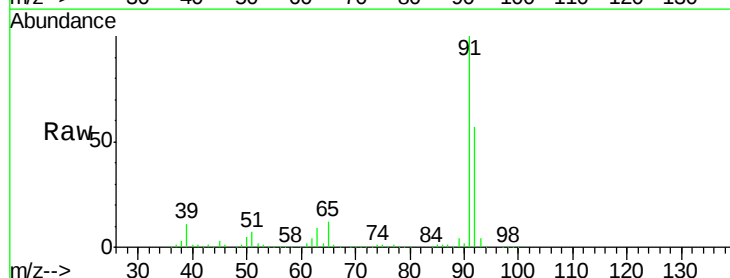
Acq: 14 Jun 2018 17:12

Tgt Ion: 92 Resp: 358541

Ion Ratio Lower Upper

92 100

91 176.3 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

400000

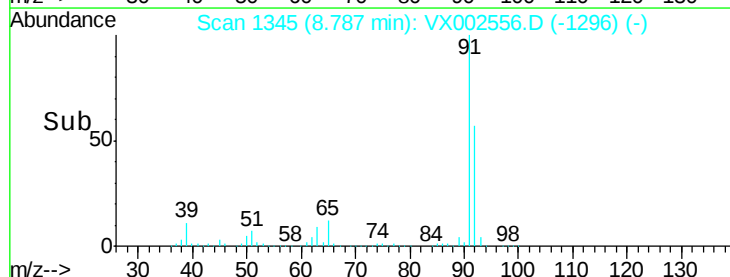
300000

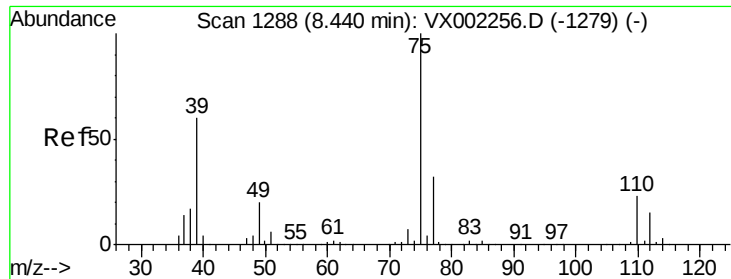
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 44.38 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

Instrument :

MSVOA_X

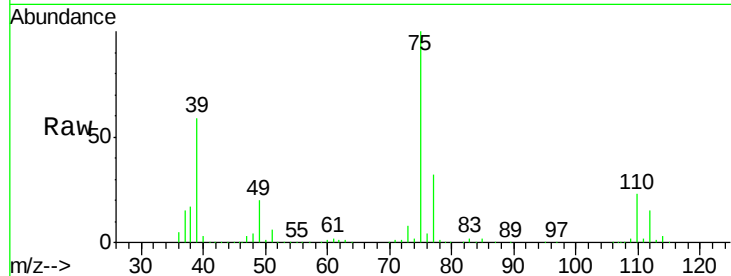
ClientSampled :

Tot Ion: 75 Resp: 207444

Ion Ratio Lower Upper

75 100

77 32.4 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

150000

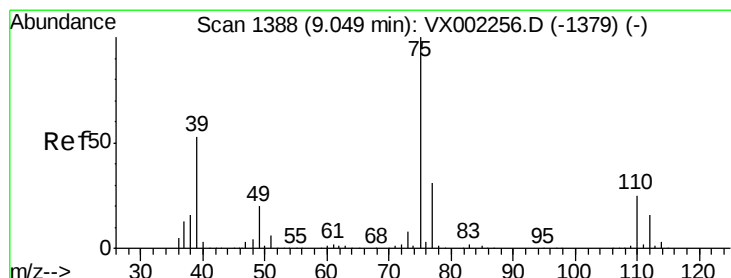
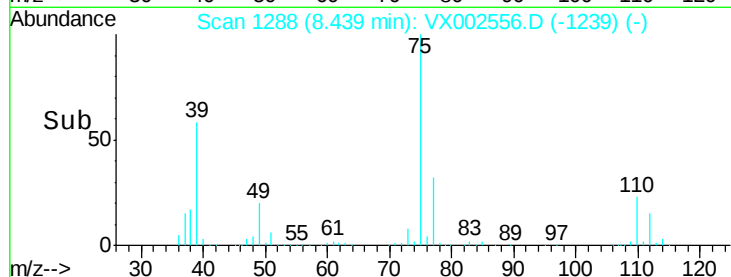
100000

50000

0

8.40 8.50 8.60

Time-->



#54

cis-1,3-Dichloropropene

Concen: 44.30 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

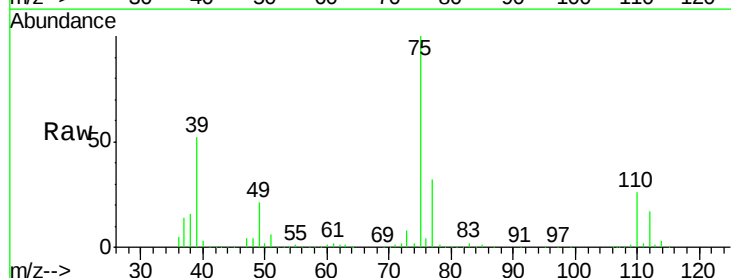
Tgt Ion: 75 Resp: 195358

Ion Ratio Lower Upper

75 100

77 32.3 24.8 37.2

39 52.0 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

150000

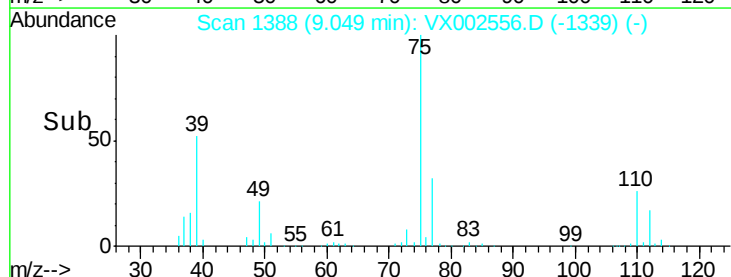
100000

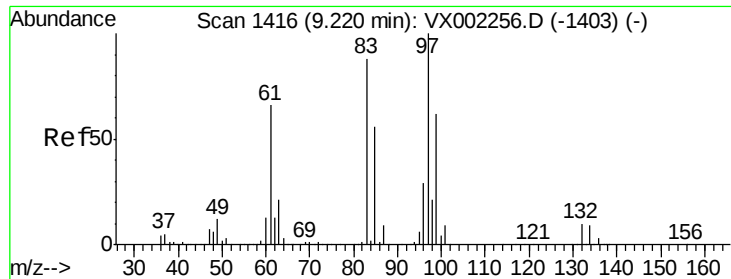
50000

0

9.00 9.10

Time-->

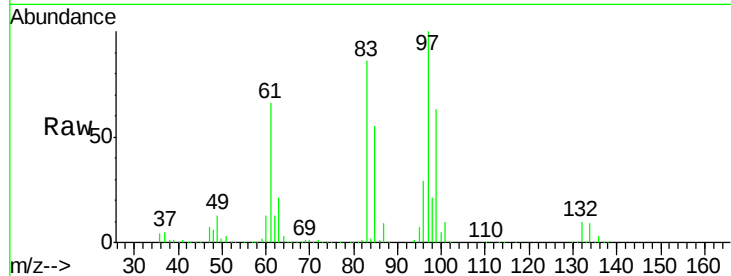




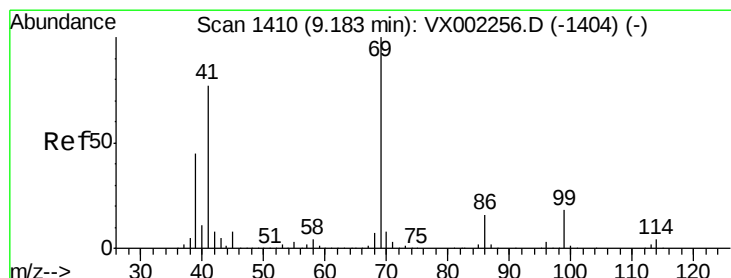
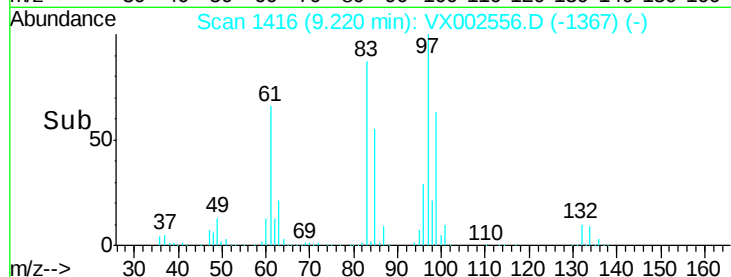
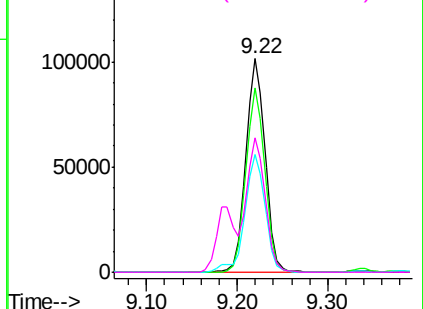
#55
 1,1,2-Trichloroethane
 Concen: 48.41 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002556.D
 Acq: 14 Jun 2018 17:12

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 97 Resp: 149104
 Ion Ratio Lower Upper
 97 100
 83 86.5 70.2 105.2
 85 55.0 44.9 67.3
 99 63.2 49.8 74.8

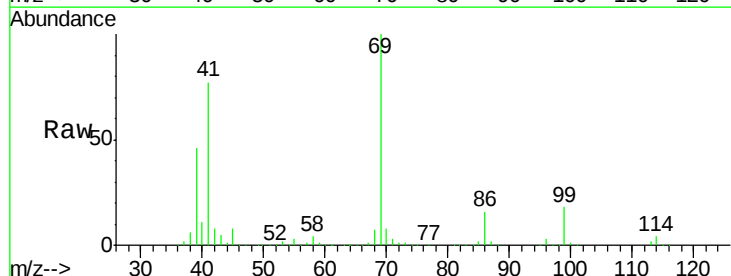


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

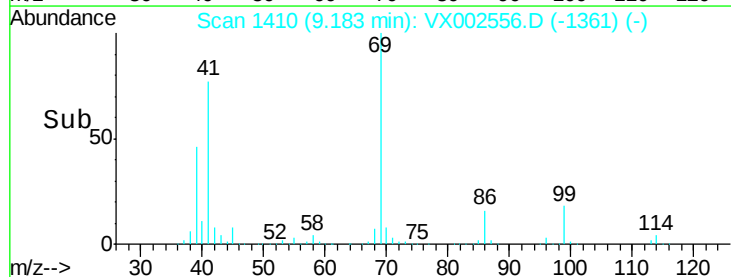
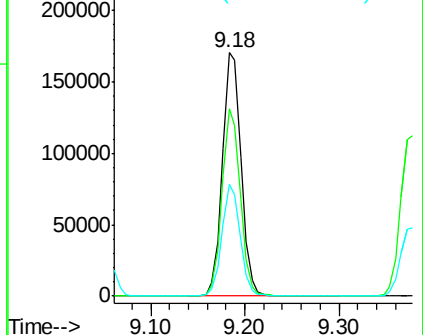


#56
 Ethyl methacrylate
 Concen: 47.90 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002556.D
 Acq: 14 Jun 2018 17:12

Tgt Ion: 69 Resp: 235567
 Ion Ratio Lower Upper
 69 100
 41 74.9 60.3 90.5
 39 44.5 35.8 53.8



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





#57

1,3-Dichloropropane

Concen: 48.01 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

Instrument :

MSVOA_X

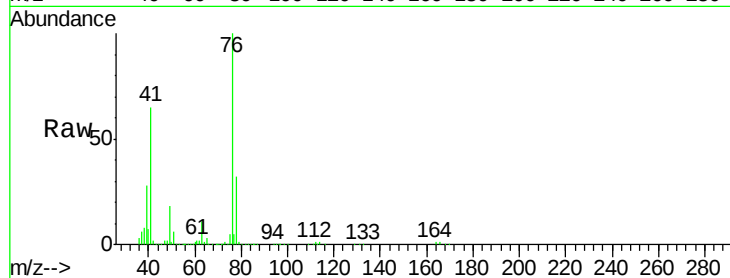
ClientSampleId :

Tot Ion: 76 Resp: 248063

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

200000

150000

100000

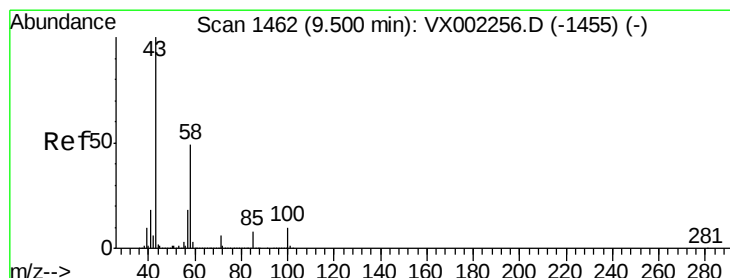
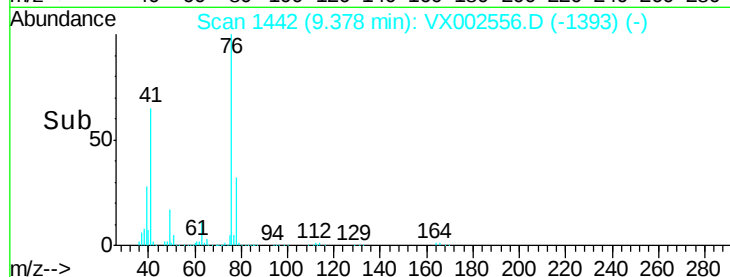
50000

0

9.30 9.35 9.40 9.45 9.50

9.38

Time-->



#59

2-Hexanone

Concen: 238.13 ug/l

RT: 9.50 min Scan# 1462

Delta R.T. -0.00 min

Lab File: VX002556.D

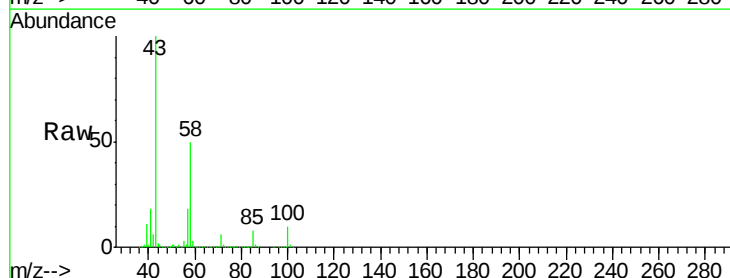
Acq: 14 Jun 2018 17:12

Tgt Ion: 43 Resp: 898513

Ion Ratio Lower Upper

43 100

58 50.4 24.6 73.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

800000

600000

400000

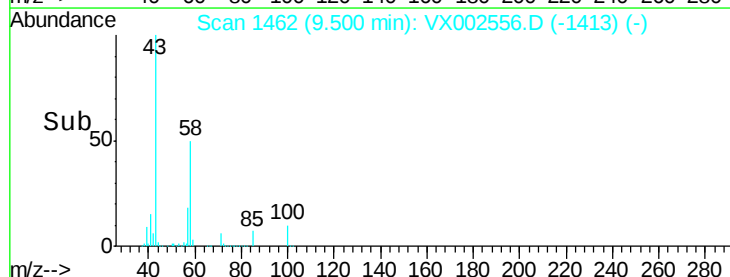
200000

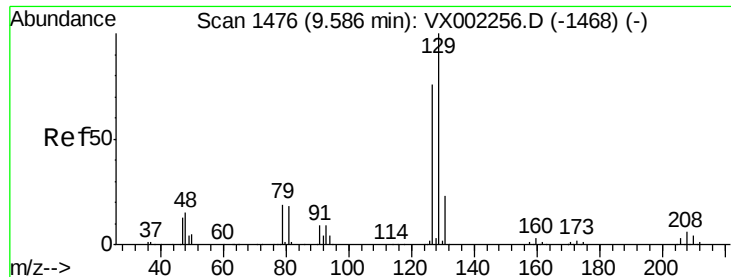
0

9.40 9.45 9.50 9.55 9.60

9.50

Time-->





#60

Dibromochloromethane

Concen: 50.40 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. -0.00 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

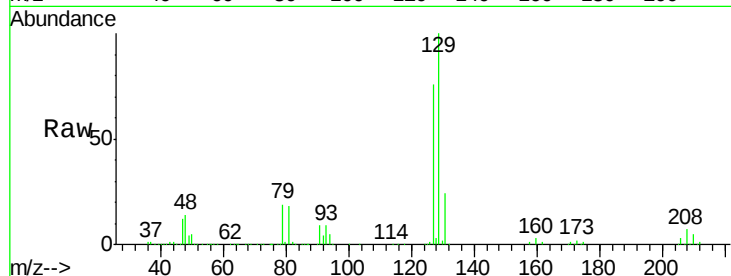
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:129 Resp: 156144

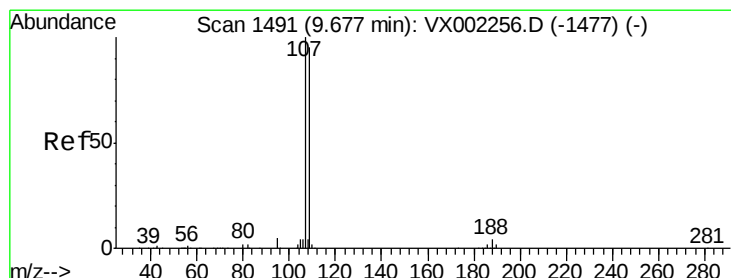
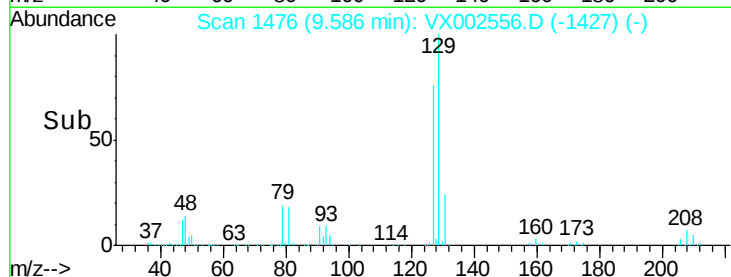
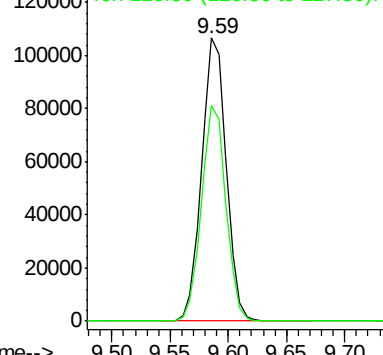
Ion Ratio Lower Upper

129 100

127 76.0 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: 48.87 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002556.D

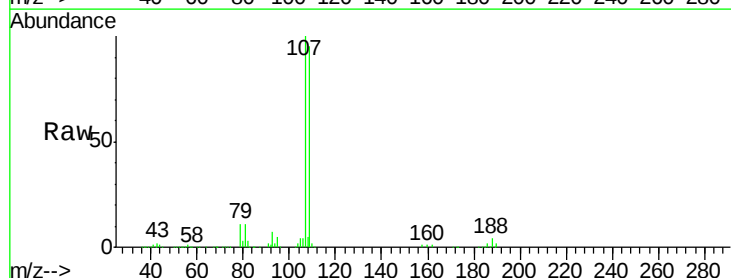
Acq: 14 Jun 2018 17:12

Tgt Ion:107 Resp: 156950

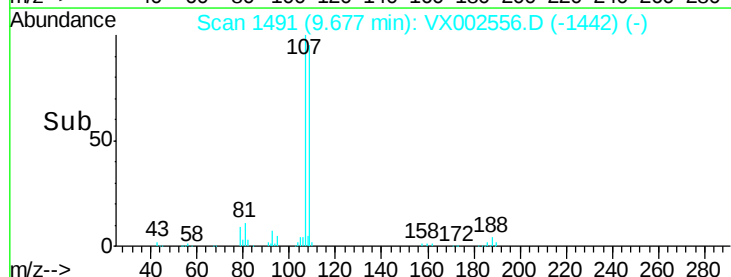
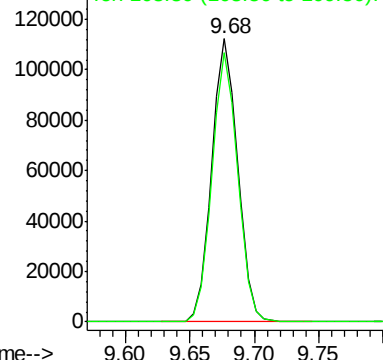
Ion Ratio Lower Upper

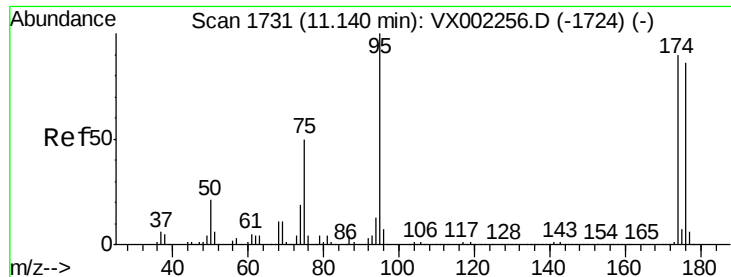
107 100

109 94.3 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: 42.93 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

Instrument :

MSVOA_X

ClientSampleId :

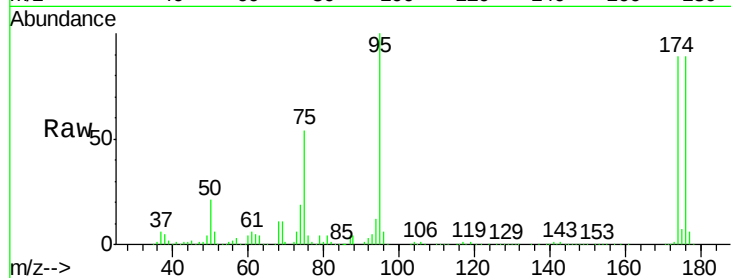
Tot Ion: 95 Resp: 182265

Ion Ratio Lower Upper

95 100

174 95.7 0.0 187.4

176 94.1 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX002256.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX002256.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX002256.D (-1724) (-)

11.14

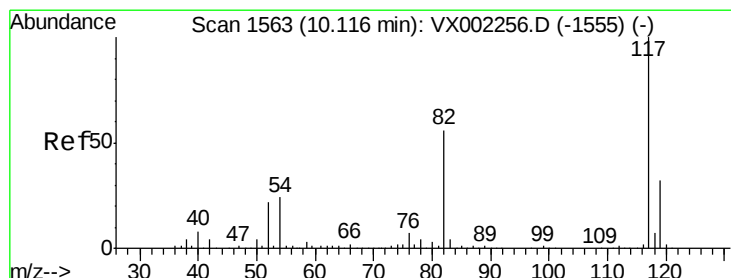
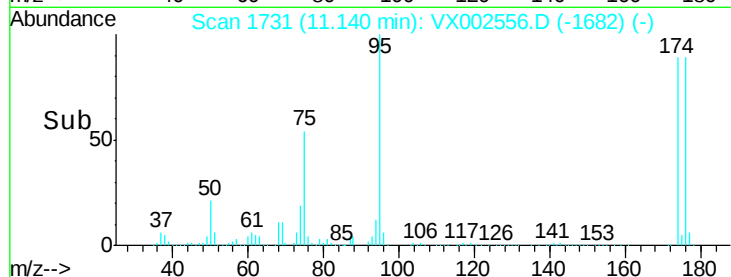
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

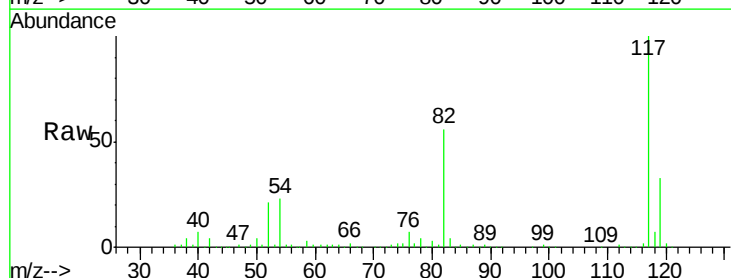
Tgt Ion: 117 Resp: 346653

Ion Ratio Lower Upper

117 100

82 55.9 45.0 67.4

119 33.1 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): VX002256.D (-1555) (-)

Ion 82.00 (81.70 to 82.70): VX002256.D (-1555) (-)

Ion 118.90 (118.60 to 119.60): VX002256.D (-1555) (-)

10.12

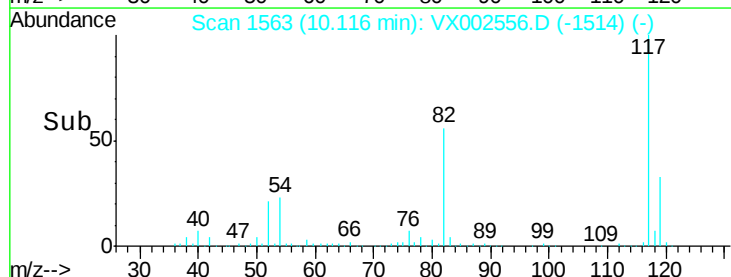
300000

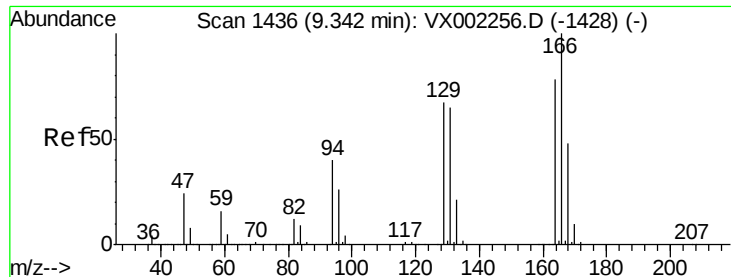
200000

100000

0

Time-->

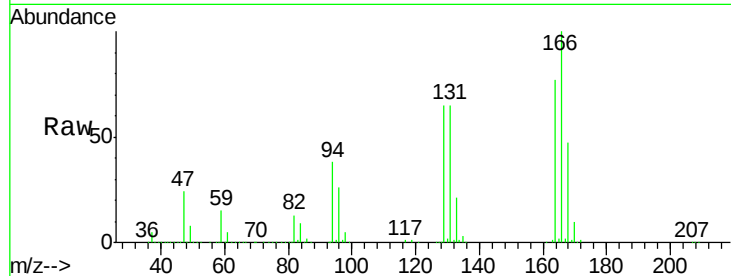




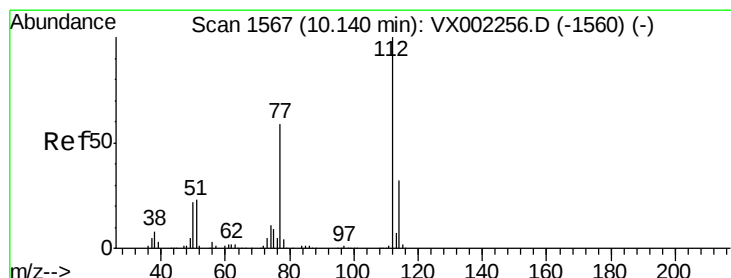
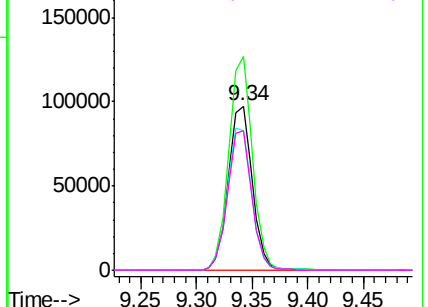
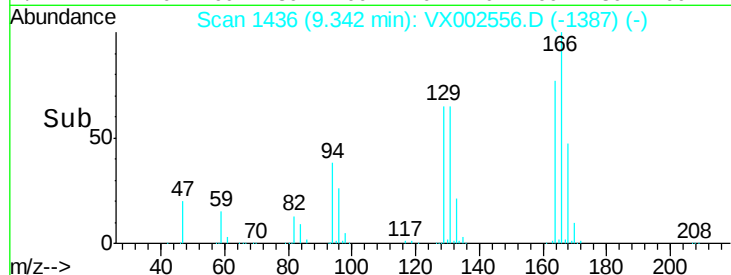
#64
 Tetrachloroethene
 Concen: 40.88 ug/l
 RT: 9.34 min Scan# 1436
 Delta R.T. -0.00 min
 Lab File: VX002556.D
 Acq: 14 Jun 2018 17:12

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:164	Resp:	146147
Ion Ratio	Lower	Upper
164	100	
166	129.9	102.9 154.3
129	84.6	68.6 102.8
131	85.0	66.8 100.2

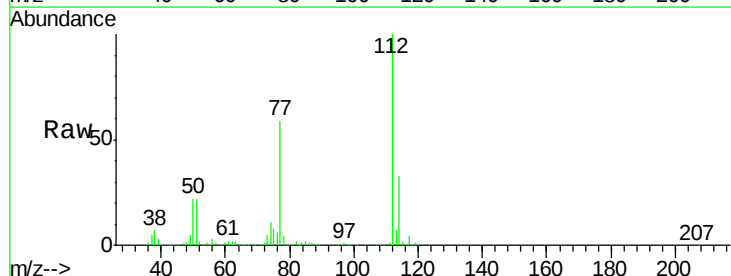


Abundance Ion 163.80 (163.50 to 164.50): V
 Ion 165.80 (165.50 to 166.50): V
 Ion 128.80 (128.50 to 129.50): V
 Ion 130.80 (130.50 to 131.50): V

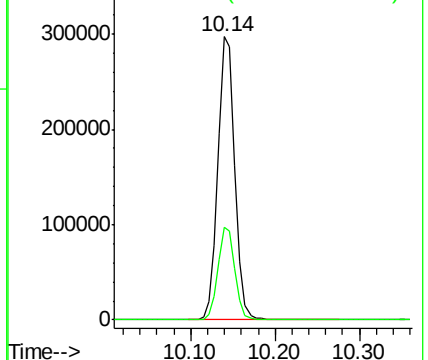
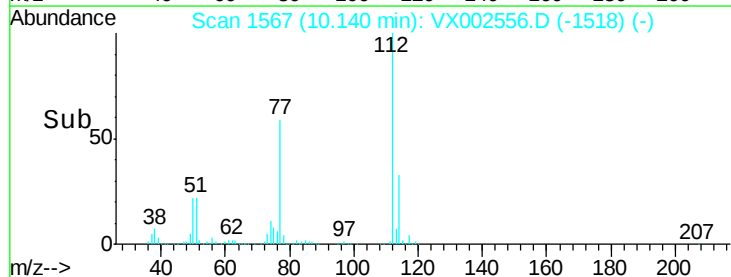


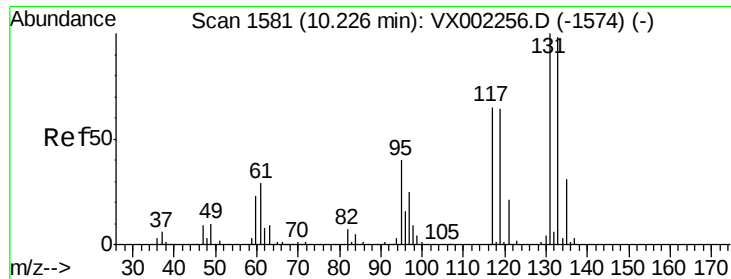
#65
 Chlorobenzene
 Concen: 48.10 ug/l
 RT: 10.14 min Scan# 1567
 Delta R.T. -0.00 min
 Lab File: VX002556.D
 Acq: 14 Jun 2018 17:12

Tgt Ion:112	Resp:	414876
Ion Ratio	Lower	Upper
112	100	
114	32.8	25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V
 Ion 113.90 (113.60 to 114.60): V

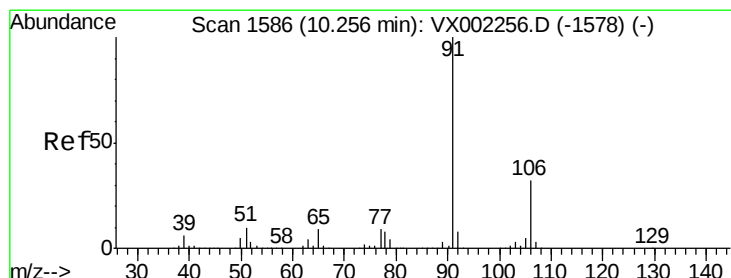
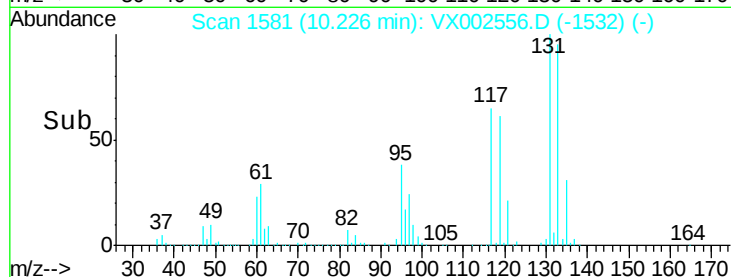
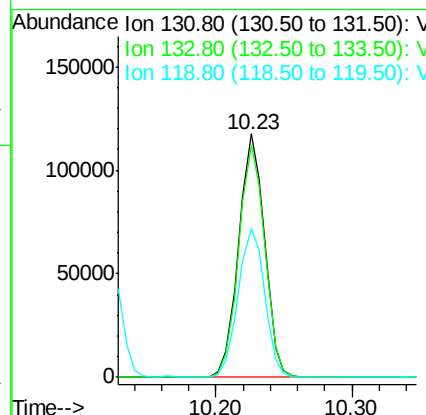
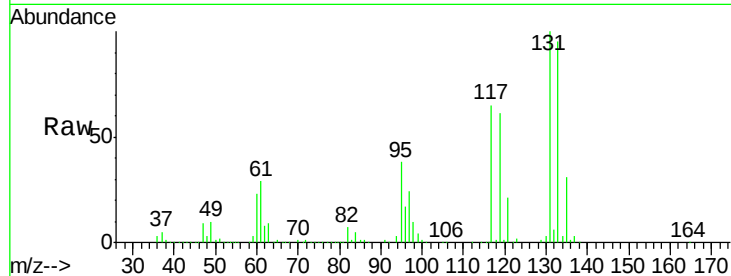




#66
 1,1,1,2-Tetrachloroethane
 Concen: 49.95 ug/l
 RT: 10.23 min Scan# 1581
 Delta R.T. -0.00 min
 Lab File: VX002556.D
 Acq: 14 Jun 2018 17:12

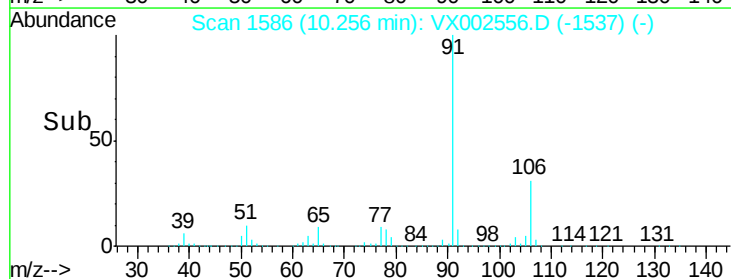
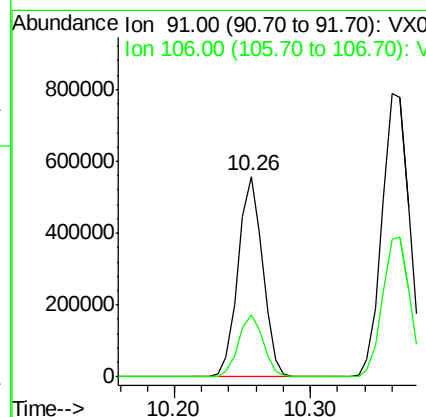
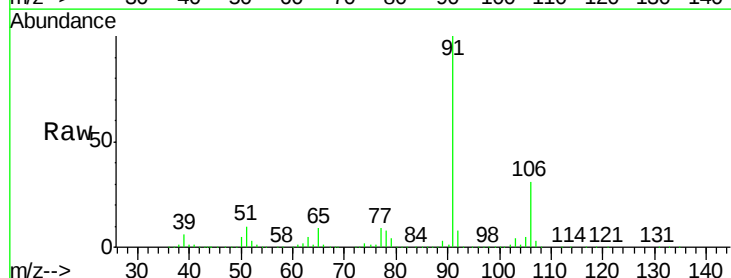
Instrument :
 MSVOA_X
 ClientSampleId :

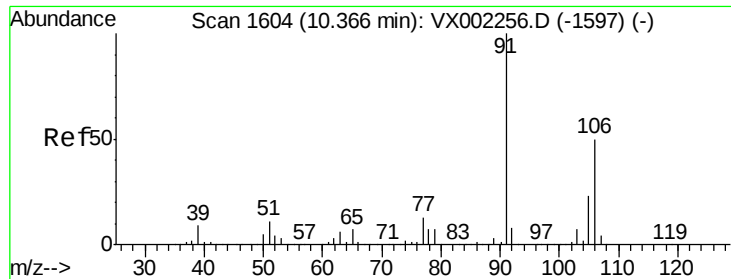
Tot Ion:131 Resp: 156021
 Ion Ratio Lower Upper
 131 100
 133 96.1 47.9 143.6
 119 63.0 31.8 95.3



#67
 Ethyl Benzene
 Concen: 48.67 ug/l
 RT: 10.26 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VX002556.D
 Acq: 14 Jun 2018 17:12

Tgt Ion: 91 Resp: 702528
 Ion Ratio Lower Upper
 91 100
 106 31.1 25.5 38.3

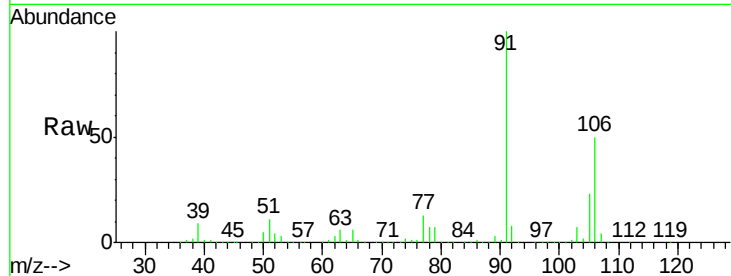




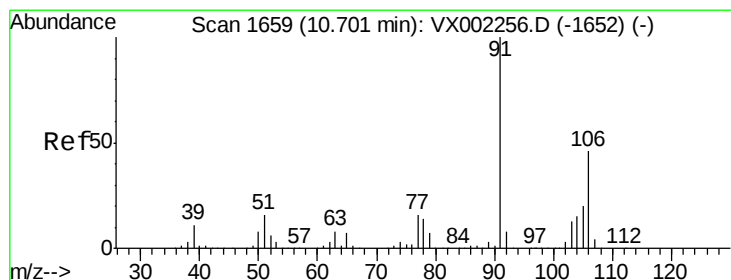
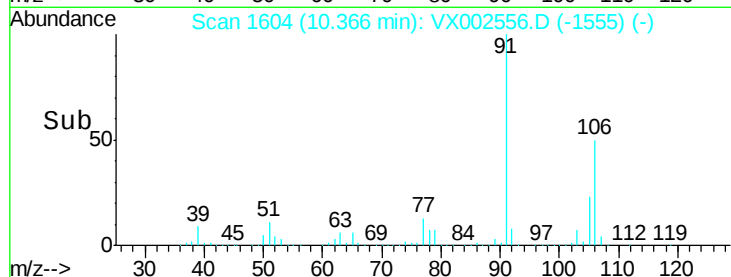
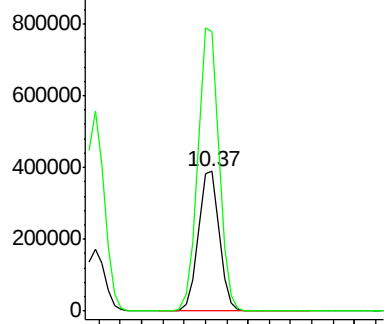
#68
m/p-Xylenes
Concen: 96.59 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX002556.D
Acq: 14 Jun 2018 17:12

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 542018
Ion Ratio Lower Upper
106 100
91 202.7 163.4 245.2

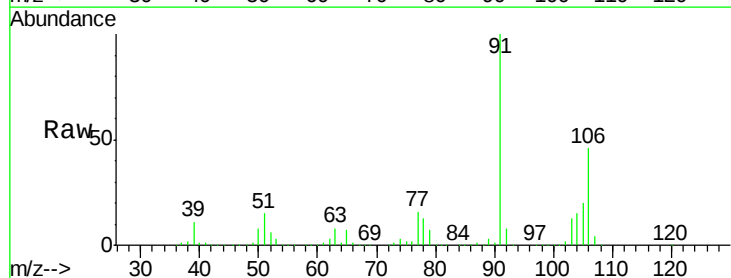


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

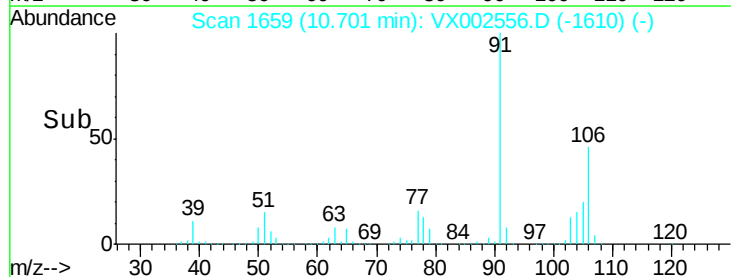
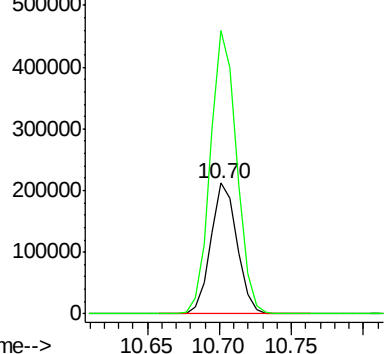


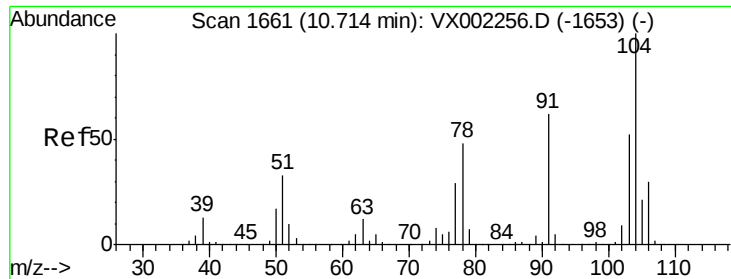
#69
o-Xylene
Concen: 48.09 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002556.D
Acq: 14 Jun 2018 17:12

Tgt Ion:106 Resp: 268547
Ion Ratio Lower Upper
106 100
91 216.0 108.2 324.6



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

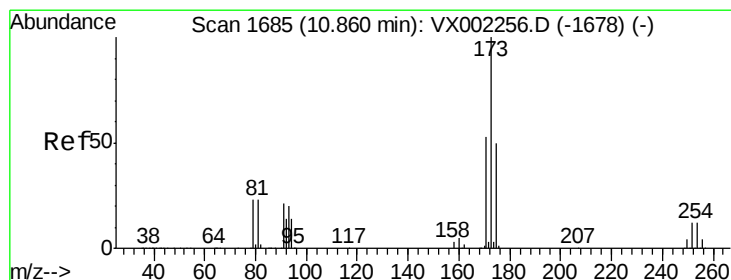
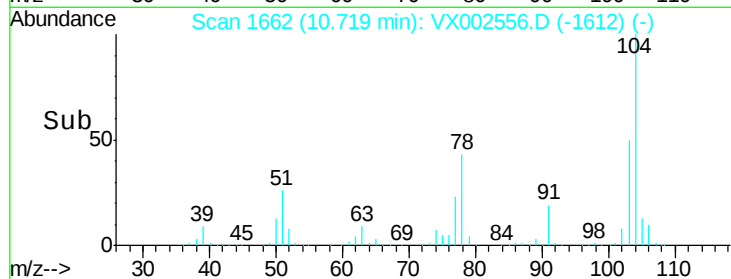
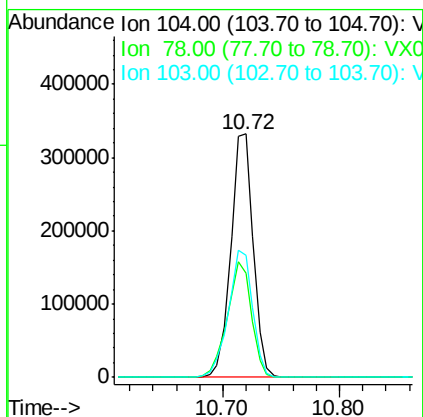
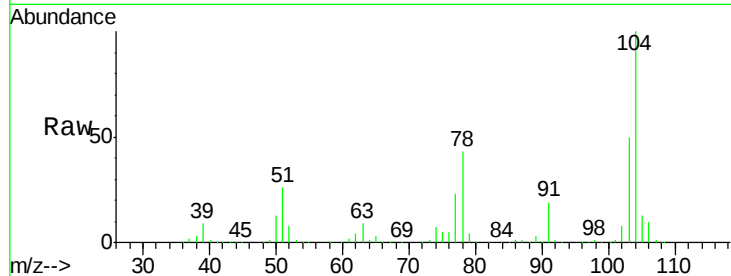




#70
Stvrene
Concen: 48.69 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.01 min
Lab File: VX002556.D
Acq: 14 Jun 2018 17:12

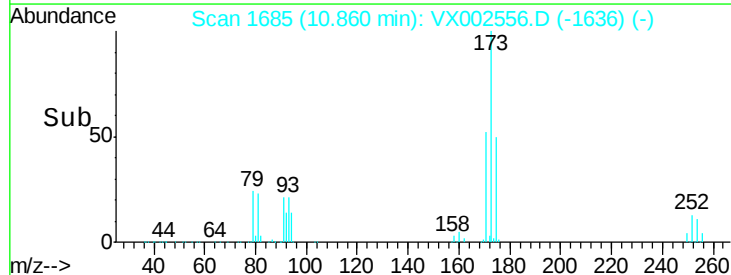
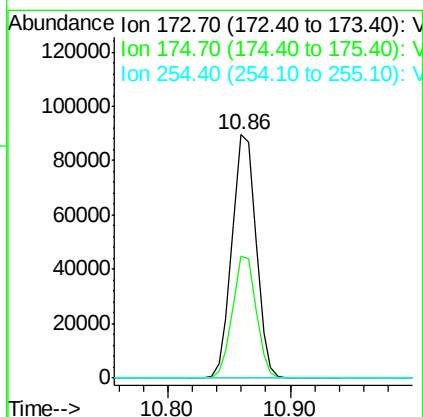
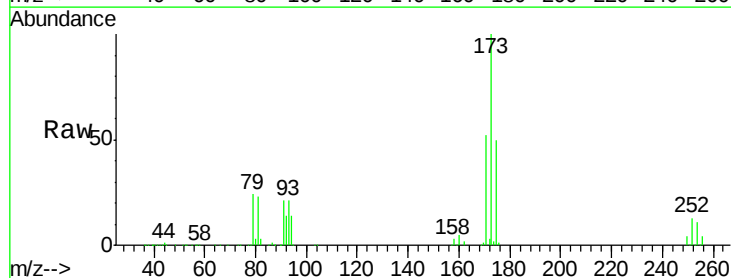
Instrument :
MSVOA_X
ClientSampled :

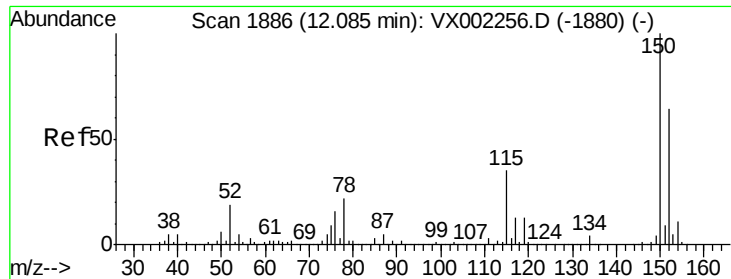
Tot Ion:104 Resp: 444527
Ion Ratio Lower Upper
104 100
78 51.1 41.0 61.6
103 56.3 44.2 66.4



#71
Bromoform
Concen: 43.96 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002556.D
Acq: 14 Jun 2018 17:12

Tgt Ion:173 Resp: 121701
Ion Ratio Lower Upper
173 100
175 49.5 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: VX002556.D

Acq: 14 Jun 2018 17:12

Instrument :

MSVOA_X

ClientSampleId :

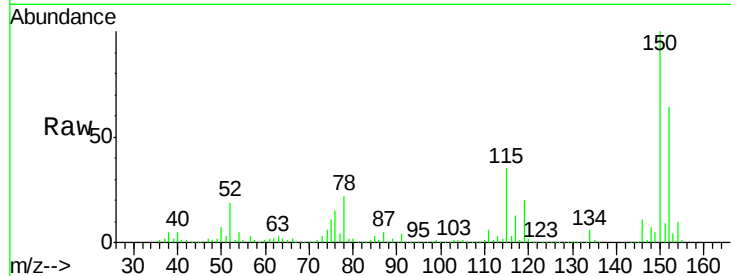
Tot Ion:152 Resp: 218073

Ion Ratio Lower Upper

152 100

115 78.4 40.1 120.2

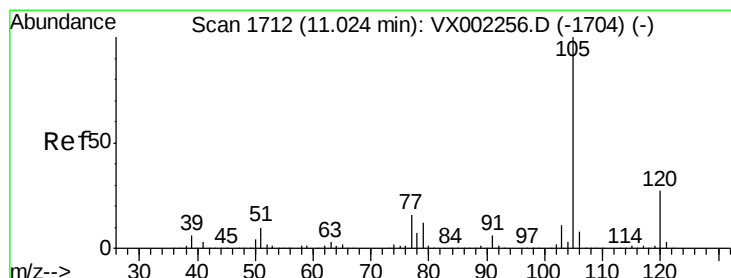
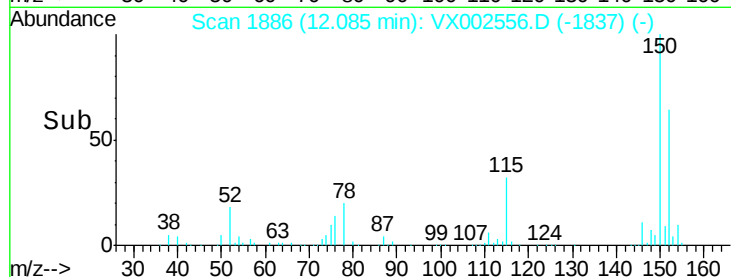
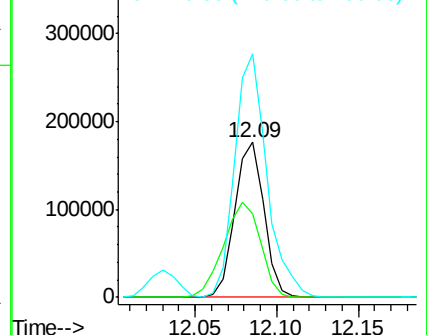
150 174.3 0.0 347.2



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: 47.97 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002556.D

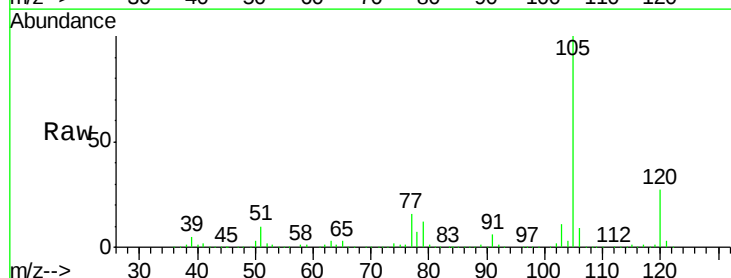
Acq: 14 Jun 2018 17:12

Tgt Ion:105 Resp: 727649

Ion Ratio Lower Upper

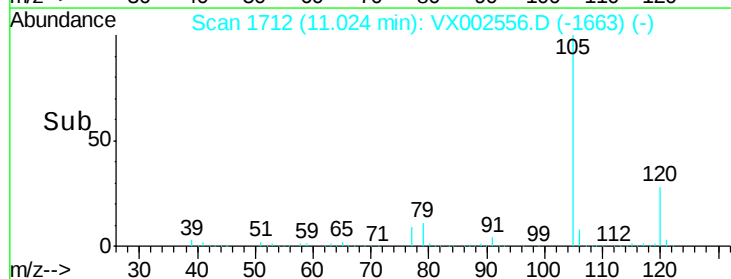
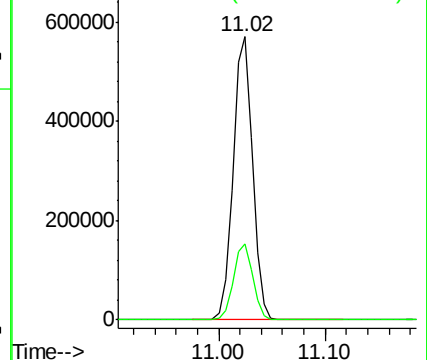
105 100

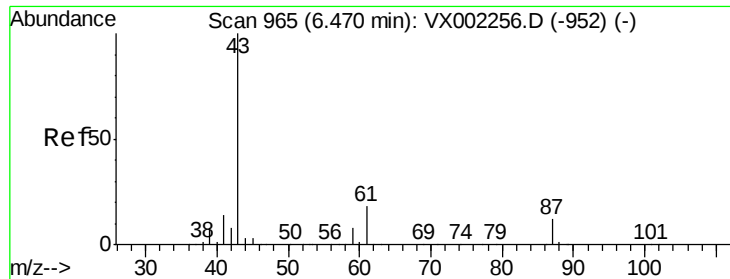
120 27.0 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 44.46 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 363440

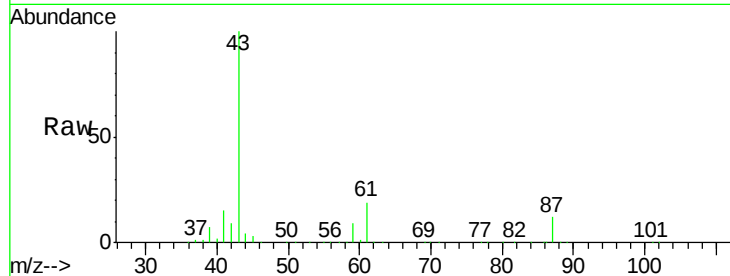
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.0 0.0 0.0#

61 18.0 14.4 21.6

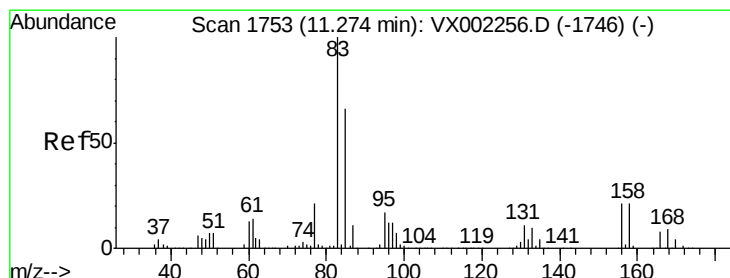
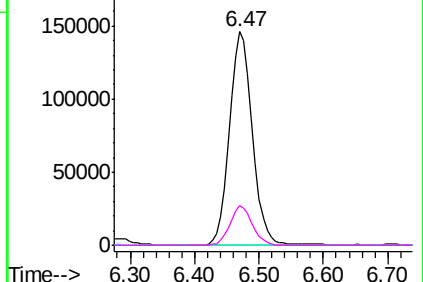
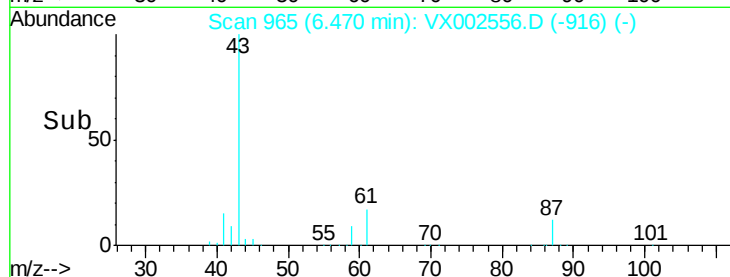


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 48.66 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

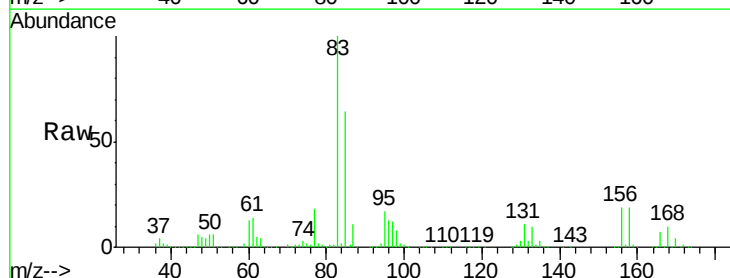
Tgt Ion: 83 Resp: 232161

Ion Ratio Lower Upper

83 100

131 10.9 5.6 16.8

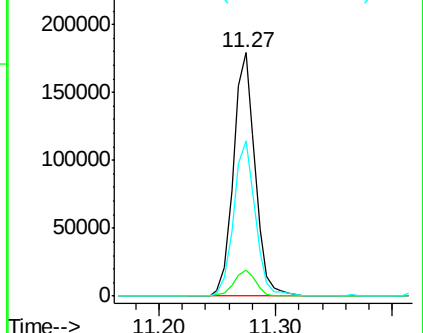
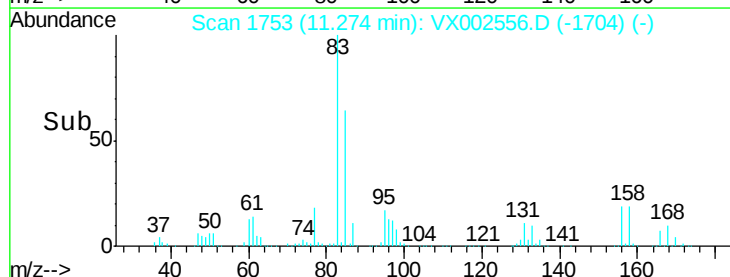
85 64.0 32.4 97.2

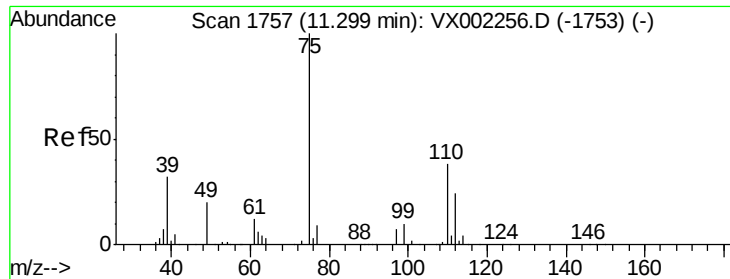


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

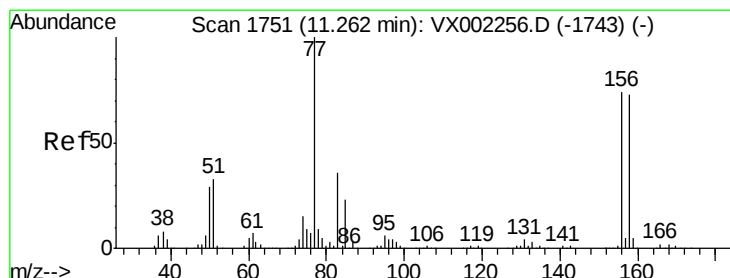
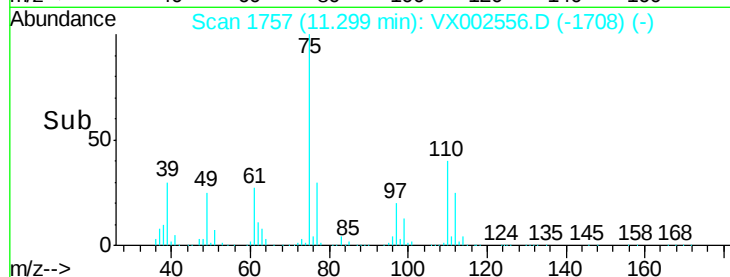
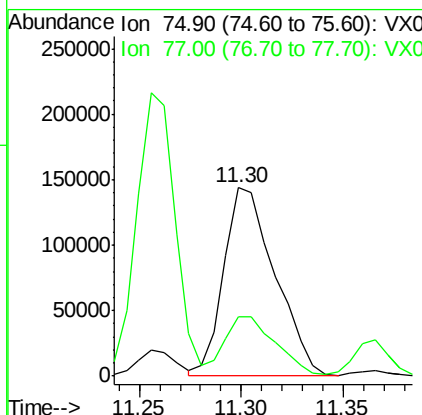
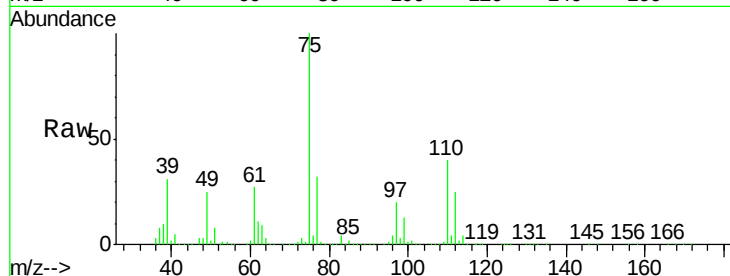




#76
 1,2,3-Trichloropropane
 Concen: 52.50 ug/l
 RT: 11.30 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VX002556.D
 Acq: 14 Jun 2018 17:12

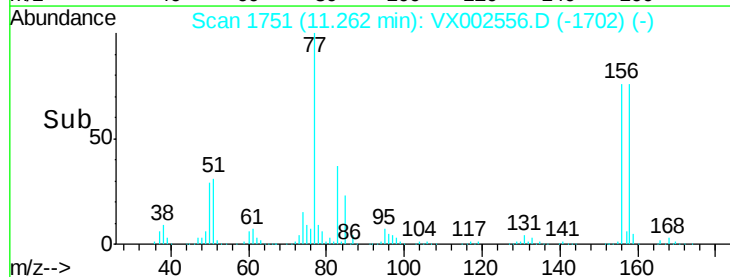
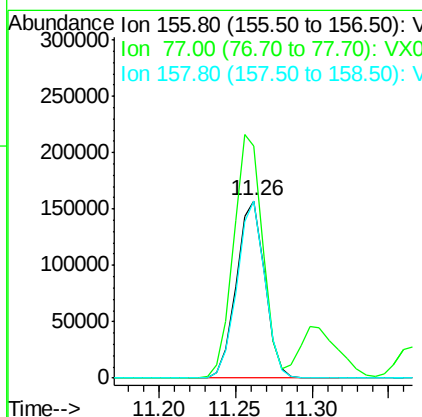
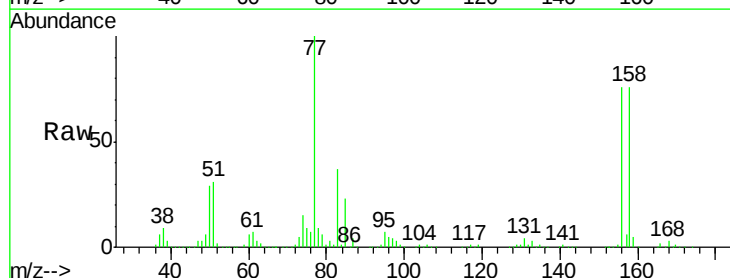
Instrument :
 MSVOA_X
 ClientSampleId :

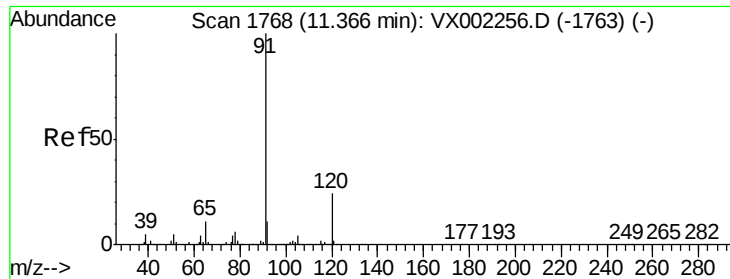
Tot Ion: 75 Resp: 251195
 Ion Ratio Lower Upper
 75 100
 77 31.8 22.8 68.3



#77
 Bromobenzene
 Concen: 47.44 ug/l
 RT: 11.26 min Scan# 1751
 Delta R.T. -0.00 min
 Lab File: VX002556.D
 Acq: 14 Jun 2018 17:12

Tgt Ion: 156 Resp: 202040
 Ion Ratio Lower Upper
 156 100
 77 140.4 71.4 214.2
 158 97.8 48.9 146.6





#78

n-propylbenzene

Concen: 48.85 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

Instrument :

MSVOA_X

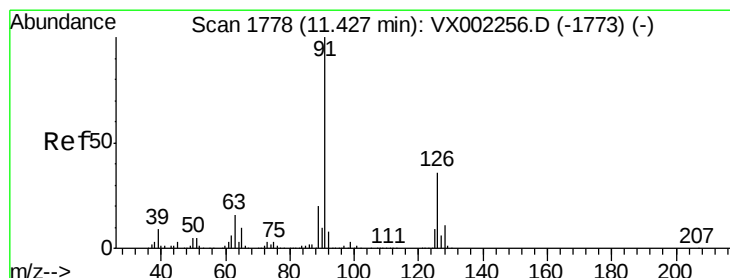
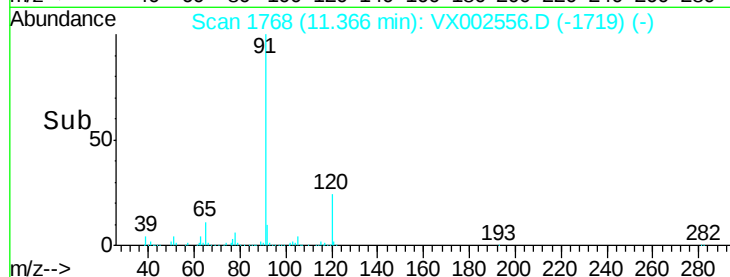
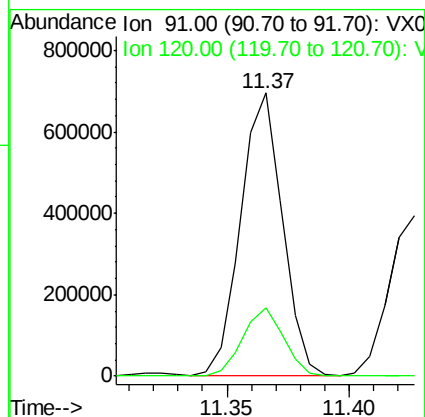
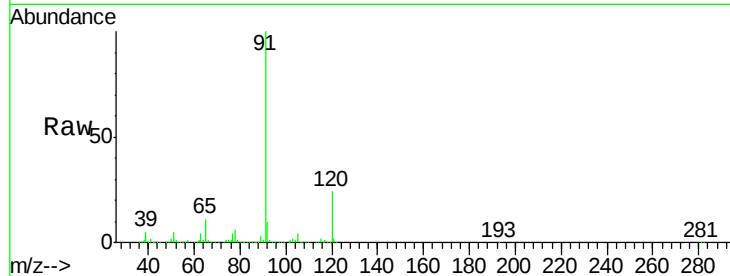
ClientSampled :

Tot Ion: 91 Resp: 823677

Ion Ratio Lower Upper

91 100

120 23.9 11.8 35.4



#79

2-Chlorotoluene

Concen: 45.73 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002556.D

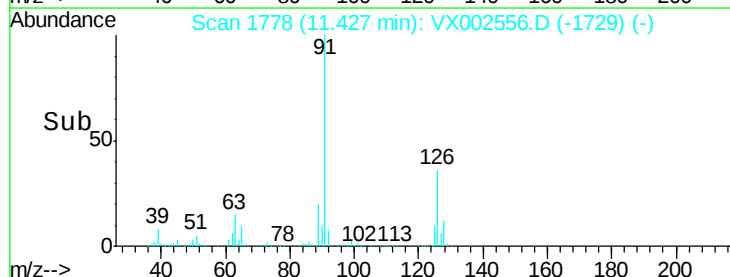
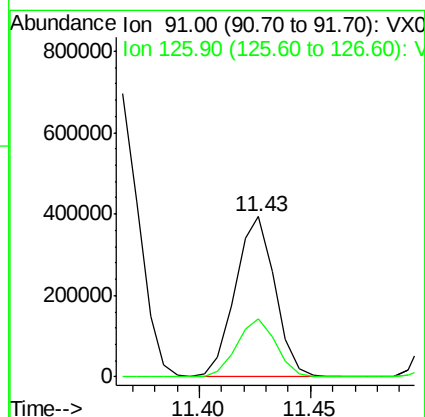
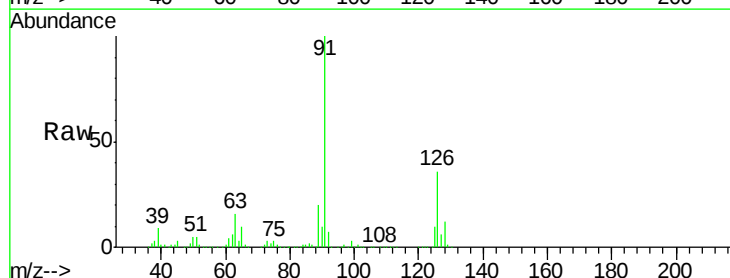
Acq: 14 Jun 2018 17:12

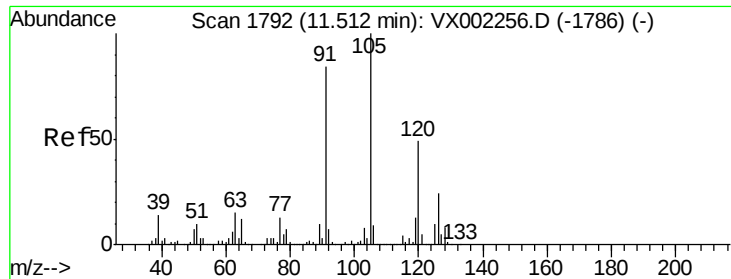
Tgt Ion: 91 Resp: 486924

Ion Ratio Lower Upper

91 100

126 36.1 17.7 53.1

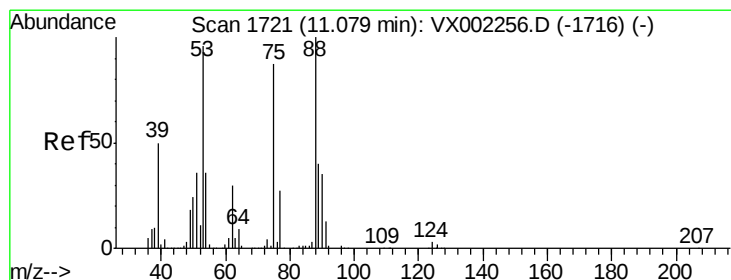
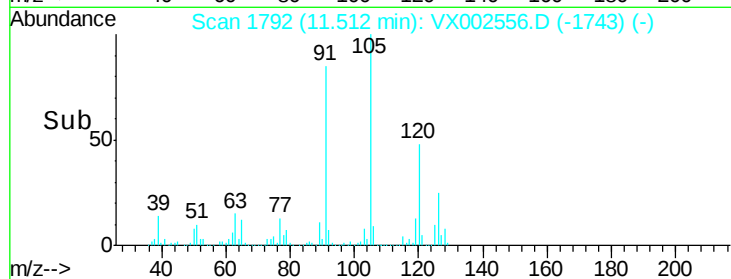
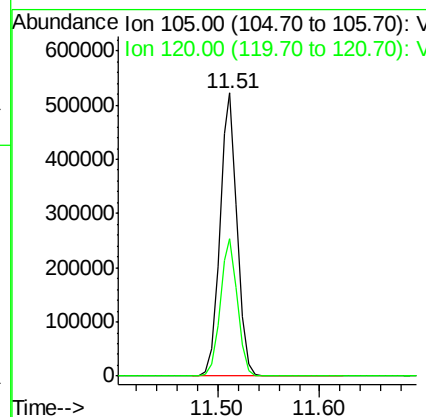
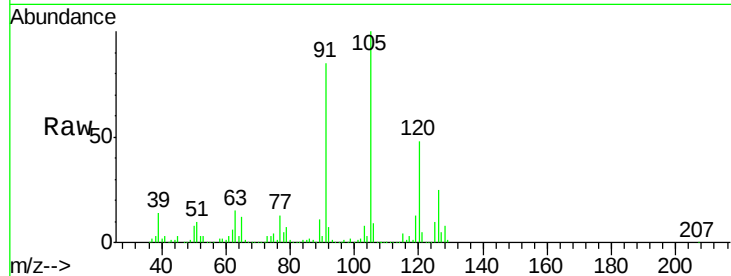




#80
 1,3,5-Trimethylbenzene
 Concen: 47.40 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX002556.D
 Acq: 14 Jun 2018 17:12

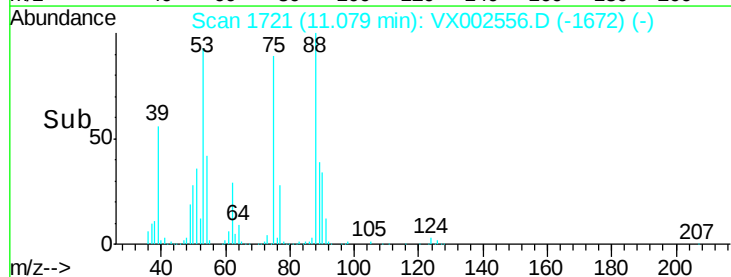
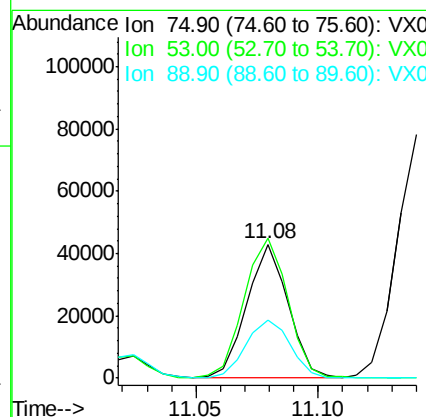
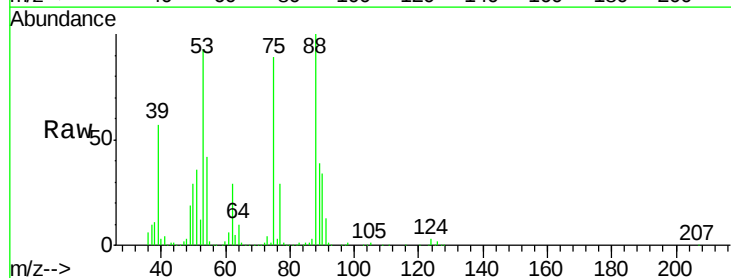
Instrument :
 MSVOA_X
 ClientSampled :

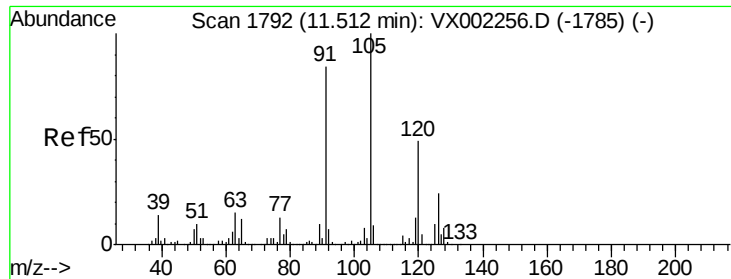
Tot Ion:105 Resp: 616738
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.4 73.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 36.97 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: VX002556.D
 Acq: 14 Jun 2018 17:12

Tgt Ion: 75 Resp: 50463
 Ion Ratio Lower Upper
 75 100
 53 110.6 86.8 130.2
 89 47.0 38.2 57.2

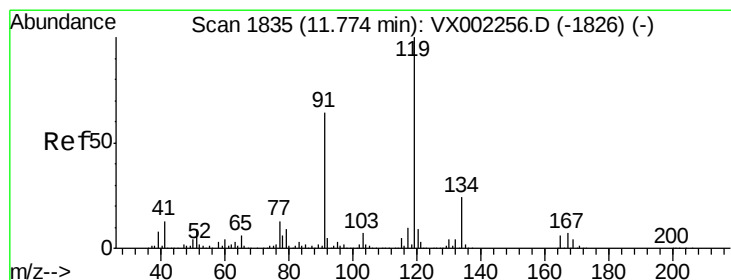
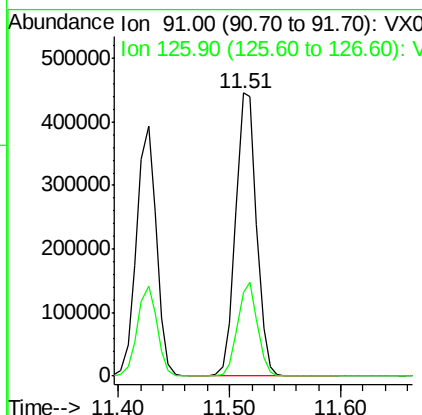
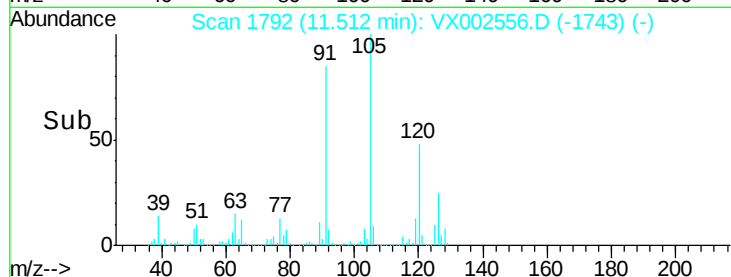
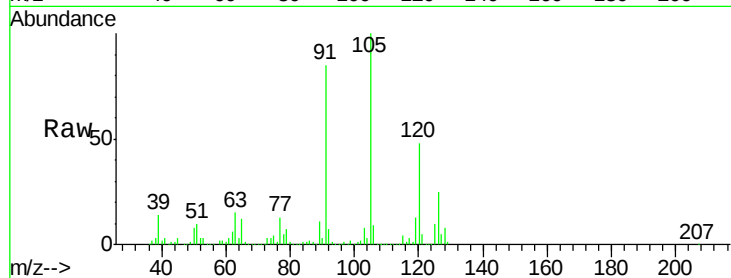




#82
4-Chlorotoluene
Concen: 47.06 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX002556.D
Acq: 14 Jun 2018 17:12

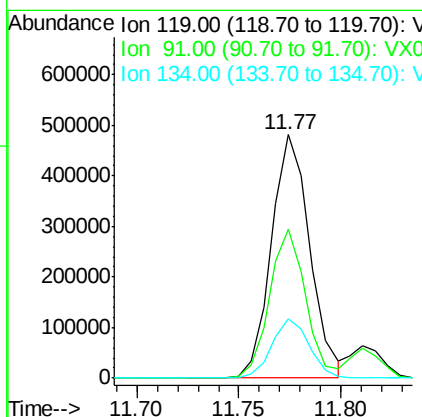
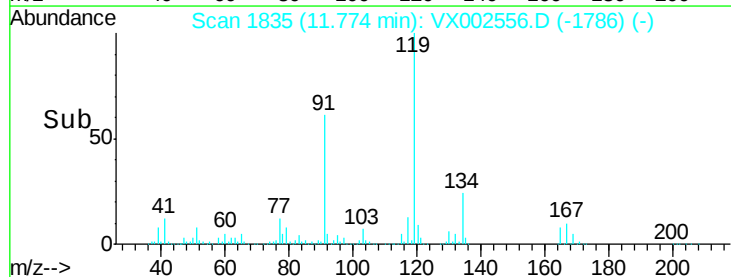
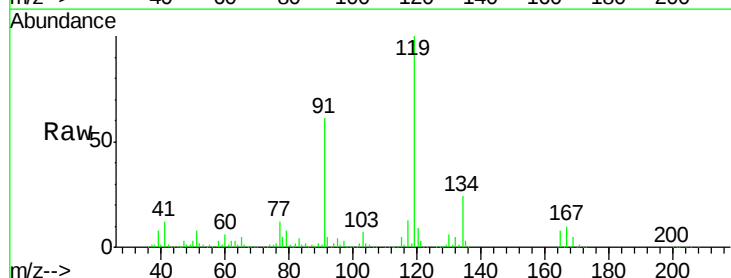
Instrument :
MSVOA_X
ClientSampled :

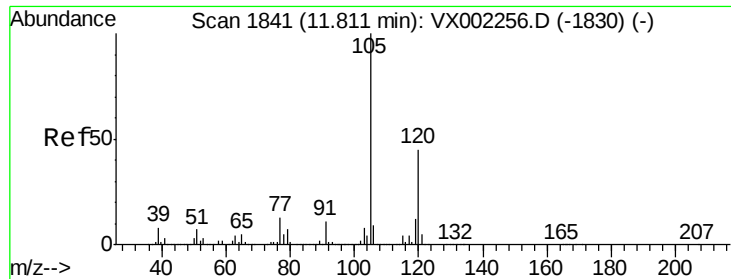
Tot Ion: 91 Resp: 578325
Ion Ratio Lower Upper
91 100
126 31.3 15.4 46.4



#83
tert-Butylbenzene
Concen: 49.88 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX002556.D
Acq: 14 Jun 2018 17:12

Tgt Ion: 119 Resp: 631983
Ion Ratio Lower Upper
119 100
91 57.7 30.3 90.9
134 23.7 11.7 35.1

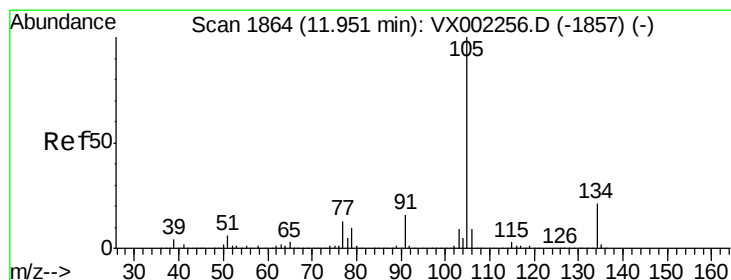
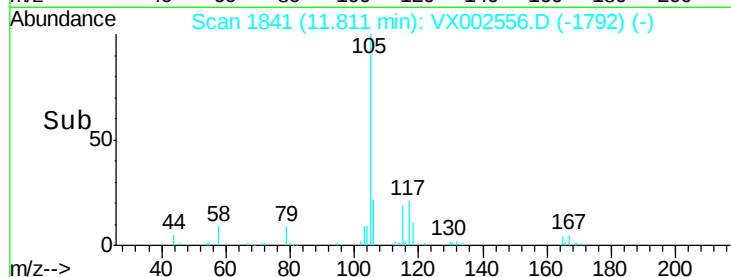
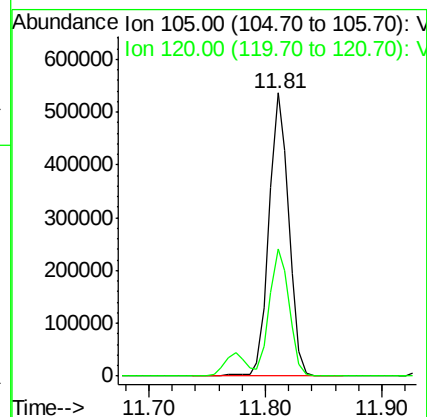
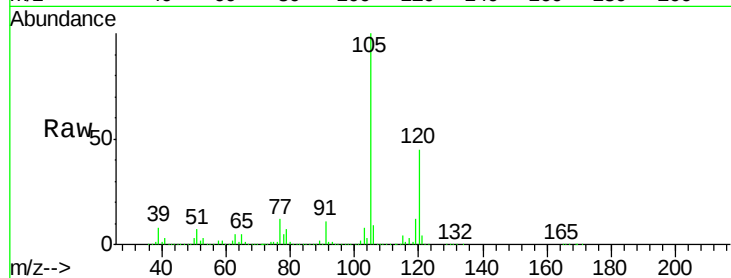




#84
 1,2,4-Trimethylbenzene
 Concen: 47.57 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002556.D
 Acq: 14 Jun 2018 17:12

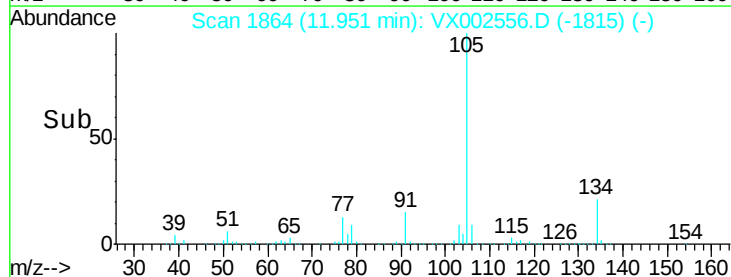
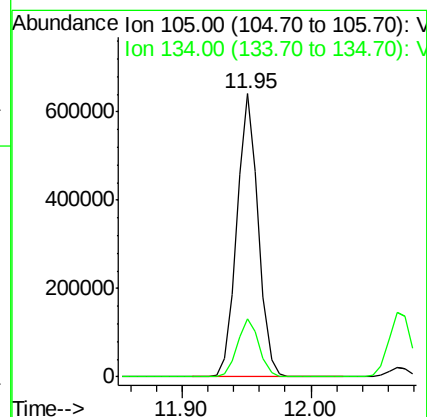
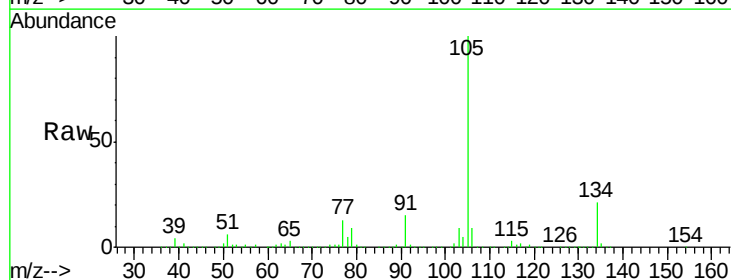
Instrument :
 MSVOA_X
 ClientSampleId :

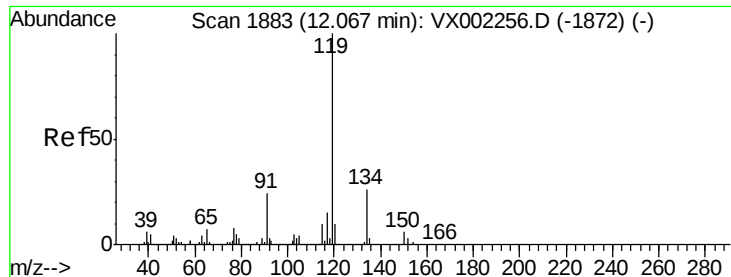
Tot Ion:105 Resp: 637225
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.3 66.8



#85
 sec-Butylbenzene
 Concen: 49.93 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX002556.D
 Acq: 14 Jun 2018 17:12

Tgt Ion:105 Resp: 741716
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.4 31.1





#86

p-Isopropyltoluene

Concen: 49.32 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

Instrument :

MSVOA_X

ClientSampleId :

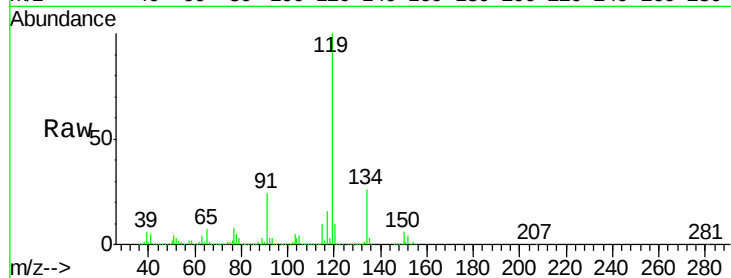
Tot Ion:119 Resp: 667315

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

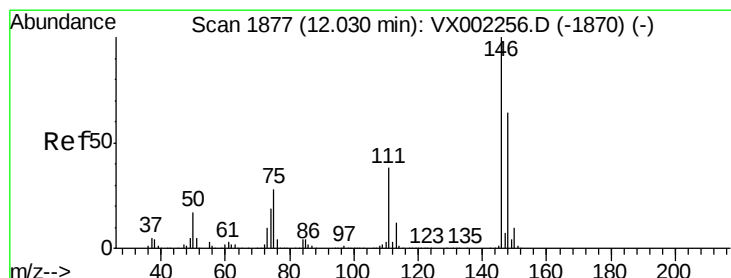
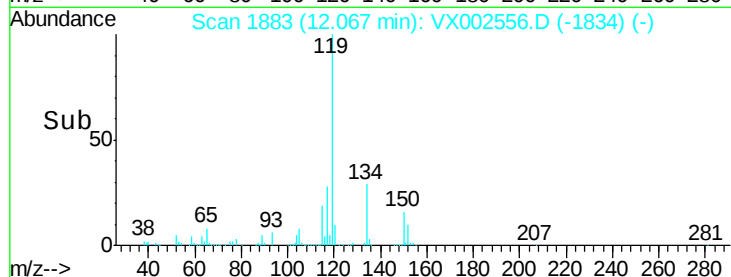
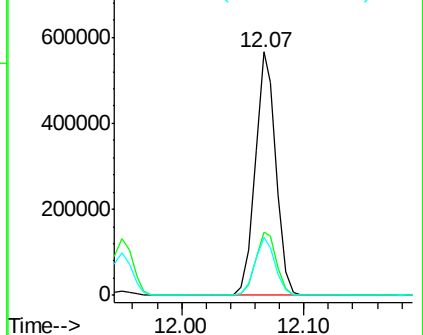
91 23.6 11.9 35.7



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: 48.17 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

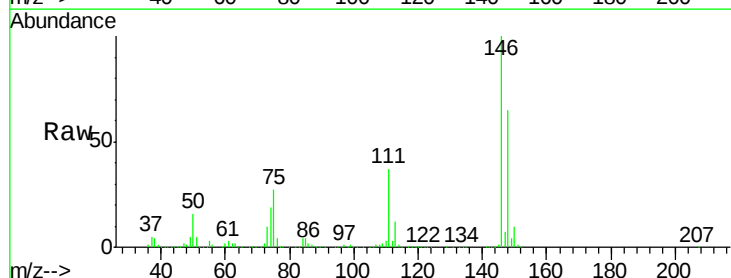
Tgt Ion:146 Resp: 366827

Ion Ratio Lower Upper

146 100

111 37.6 18.9 56.7

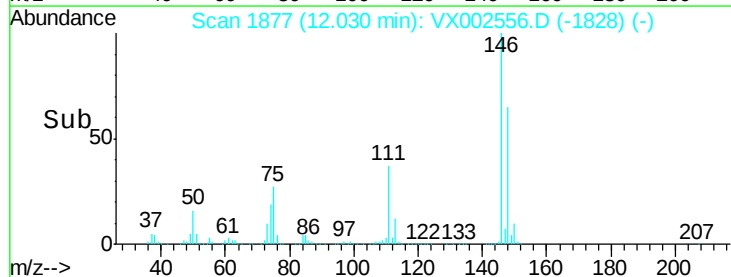
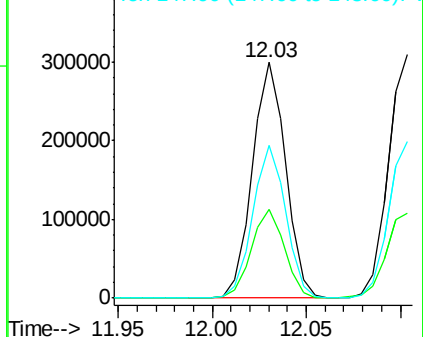
148 64.0 32.1 96.3

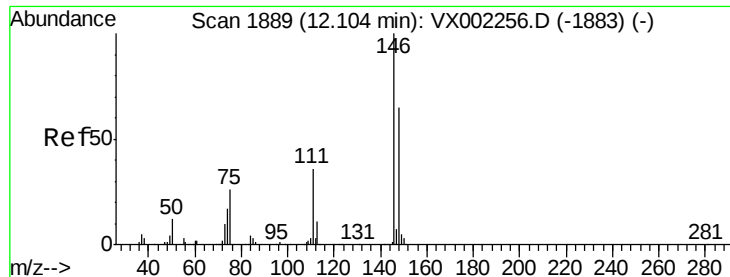


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 47.51 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

Instrument :

MSVOA_X

ClientSampleId :

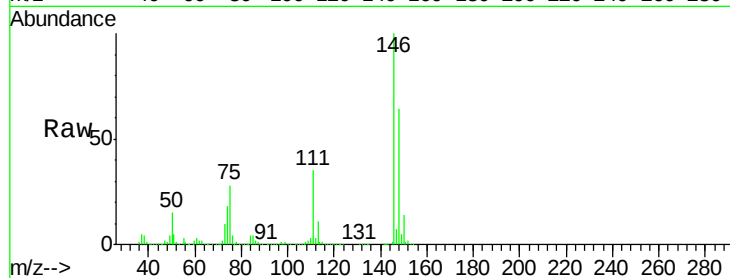
Tot Ion:146 Resp: 372938

Ion Ratio Lower Upper

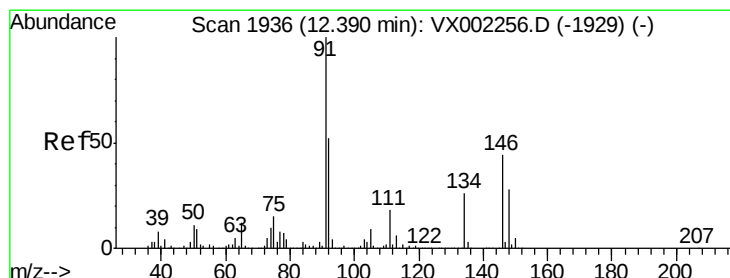
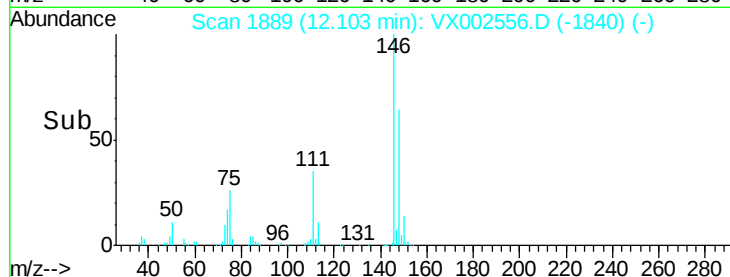
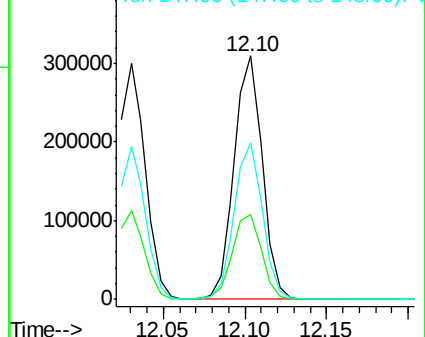
146 100

111 36.2 18.7 56.1

148 64.0 32.4 97.0



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



#89

n-Butylbenzene

Concen: 49.87 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

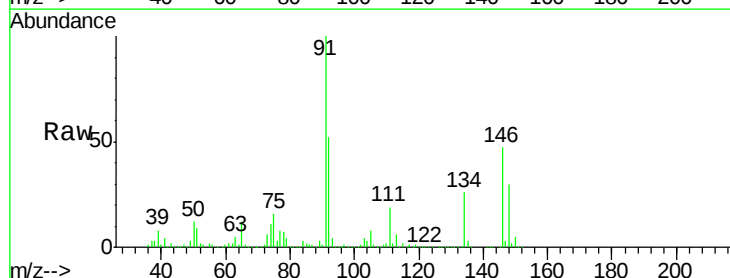
Tgt Ion: 91 Resp: 565921

Ion Ratio Lower Upper

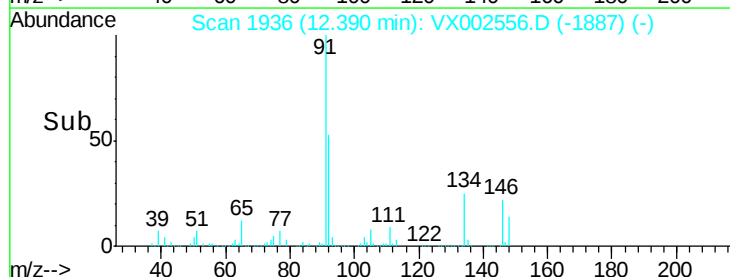
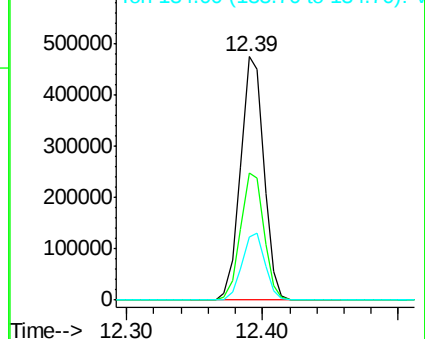
91 100

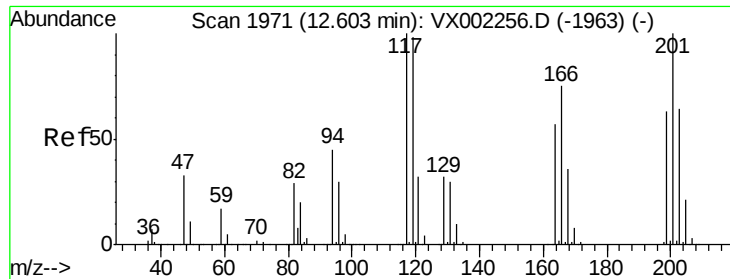
92 52.5 26.0 78.0

134 27.2 13.5 40.5



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V

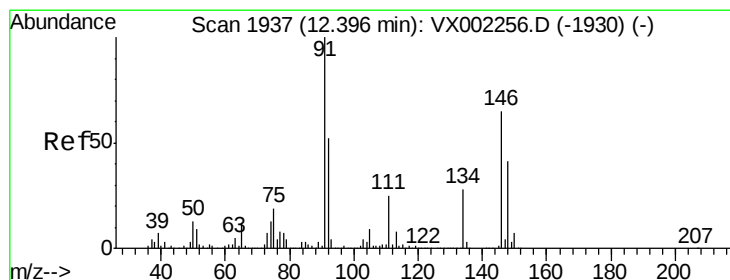
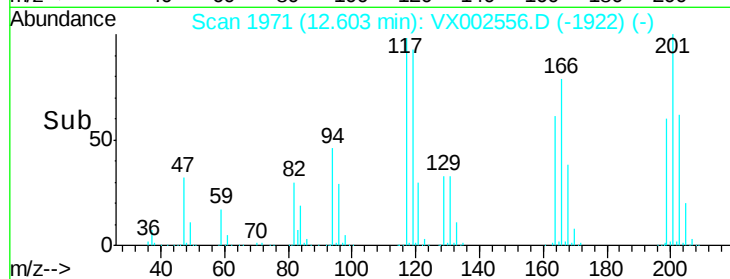
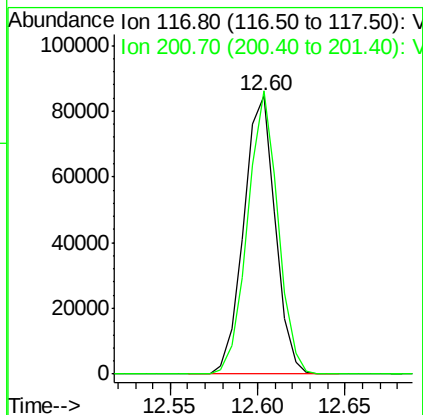
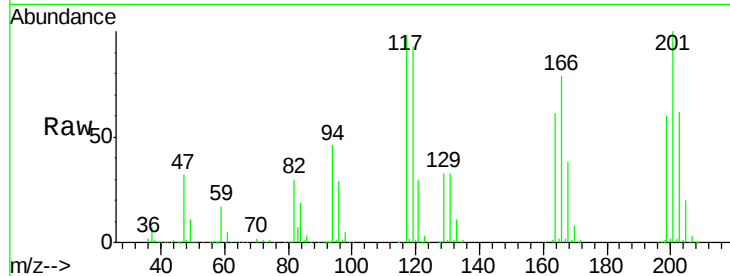




#90
Hexachloroethane
Concen: 48.95 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX002556.D
Acq: 14 Jun 2018 17:12

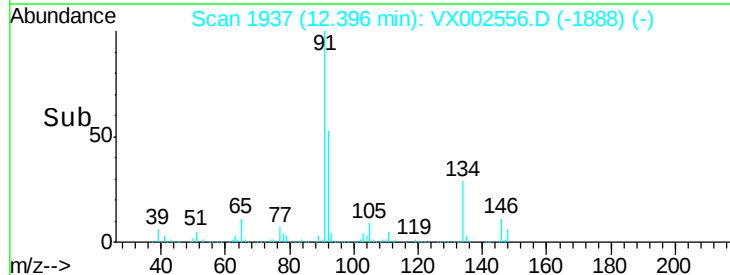
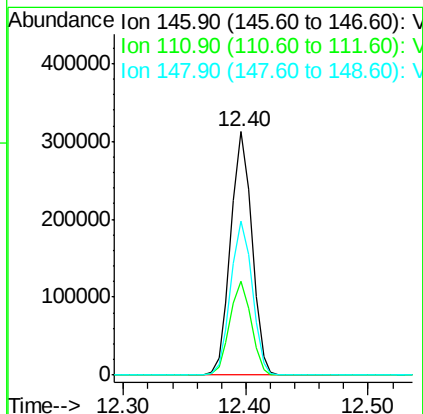
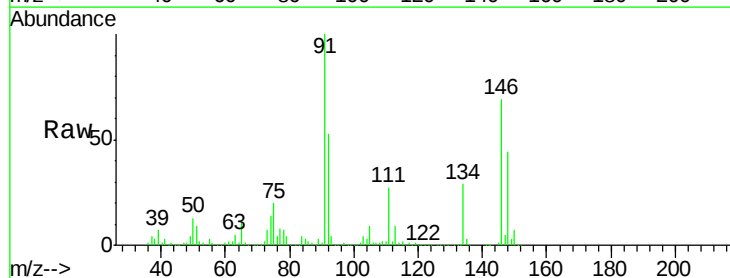
Instrument :
MSVOA_X
ClientSampleId :

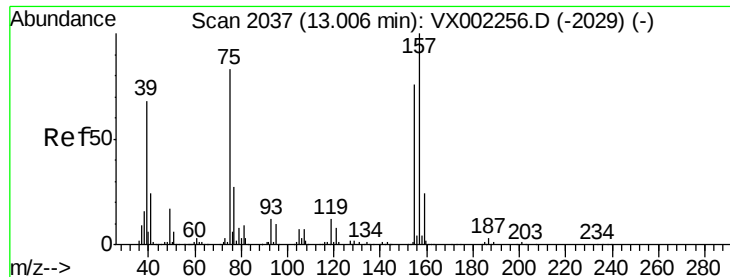
Tot Ion:117 Resp: 105733
Ion Ratio Lower Upper
117 100
201 97.6 49.0 147.0



#91
1,2-Dichlorobenzene
Concen: 47.54 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX002556.D
Acq: 14 Jun 2018 17:12

Tgt Ion:146 Resp: 374521
Ion Ratio Lower Upper
146 100
111 38.9 19.4 58.1
148 64.1 31.7 95.1





#92

1,2-Dibromo-3-Chloropropane

Concen: 51.41 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

Instrument :

MSVOA_X

ClientSampleId :

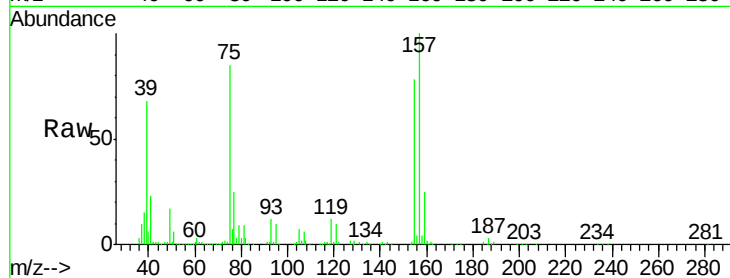
Tot Ion: 75 Resp: 53641

Ion Ratio Lower Upper

75 100

155 94.1 45.8 137.4

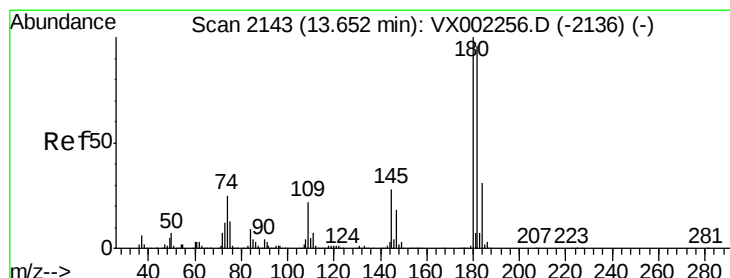
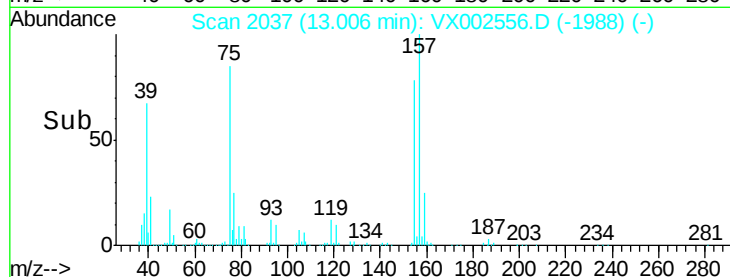
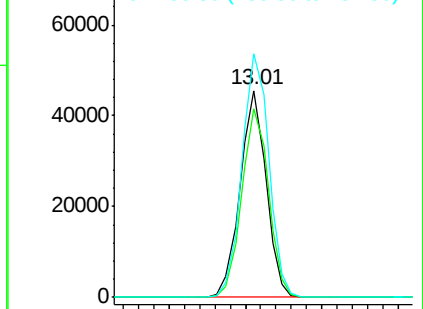
157 121.9 60.1 180.3



Abundance Ion 74.90 (74.60 to 75.60): VX002256.D (-2029) (-)

Ion 154.80 (154.50 to 155.50): VX002256.D (-2029) (-)

Ion 156.80 (156.50 to 157.50): VX002256.D (-2029) (-)



#93

1,2,4-Trichlorobenzene

Concen: 50.16 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. -0.00 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

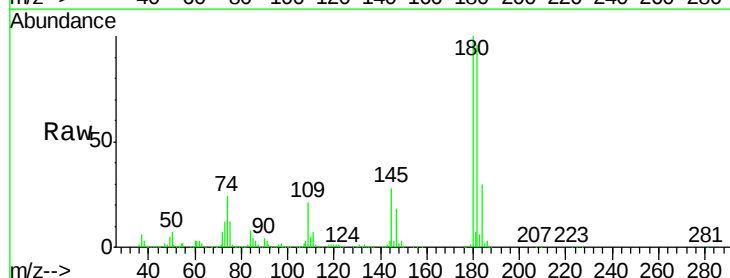
Tgt Ion:180 Resp: 277103

Ion Ratio Lower Upper

180 100

182 95.4 47.7 143.1

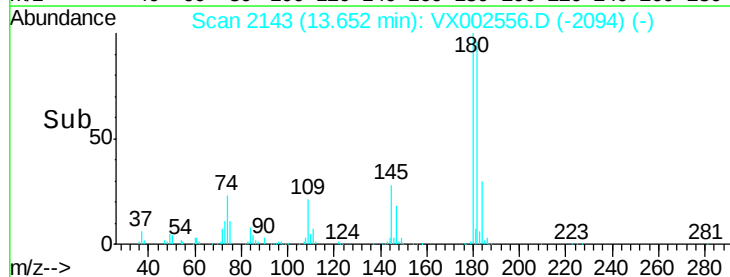
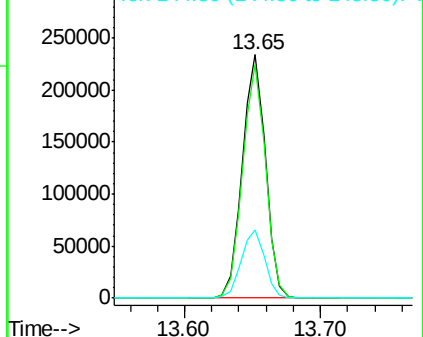
145 28.4 14.1 42.4

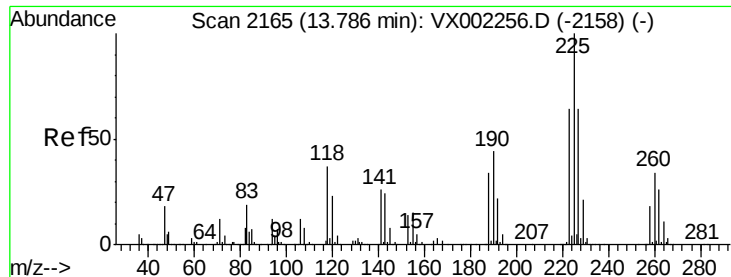


Abundance Ion 179.80 (179.50 to 180.50): VX002256.D (-2136) (-)

Ion 181.80 (181.50 to 182.50): VX002256.D (-2136) (-)

Ion 144.80 (144.50 to 145.50): VX002256.D (-2136) (-)





#94

Hexachlorobutadiene

Concen: 49.32 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

Instrument :

MSVOA_X

ClientSampleId :

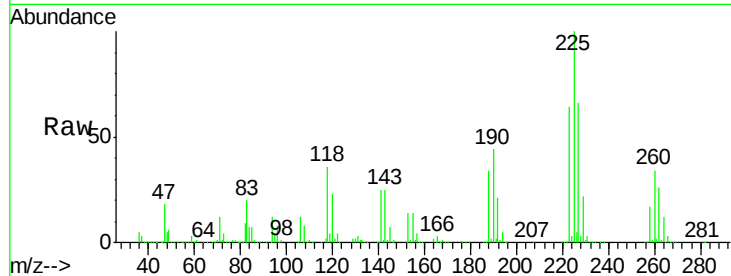
Tot Ion:225 Resp: 134633

Ion Ratio Lower Upper

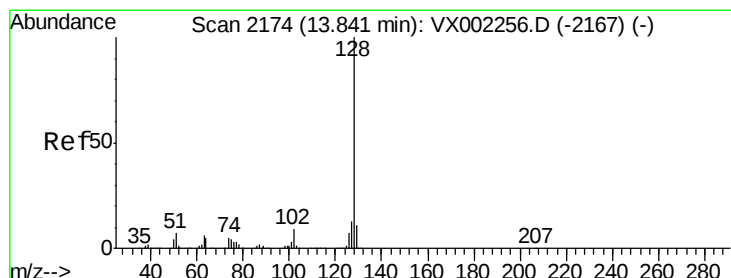
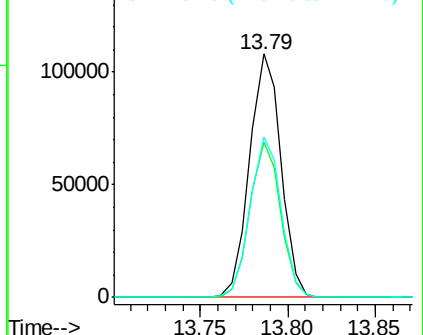
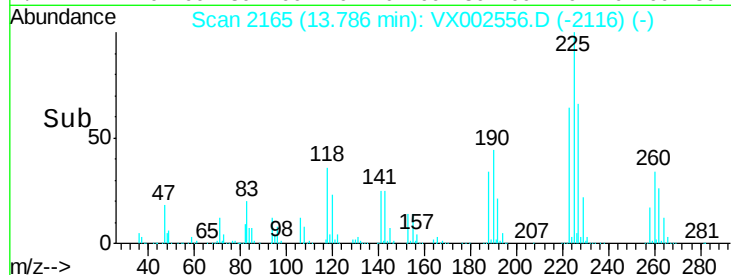
225 100

223 62.6 31.6 95.0

227 64.6 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: 51.52 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

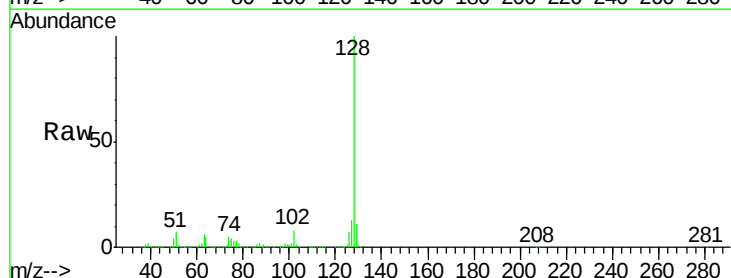
Tgt Ion:128 Resp: 817766

Ion Ratio Lower Upper

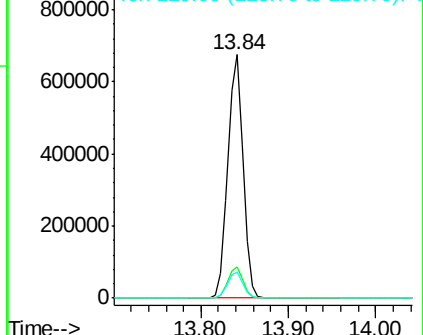
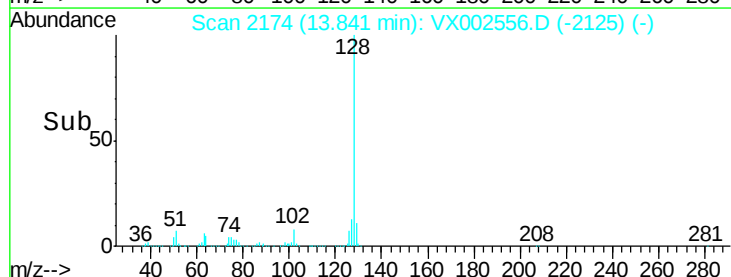
128 100

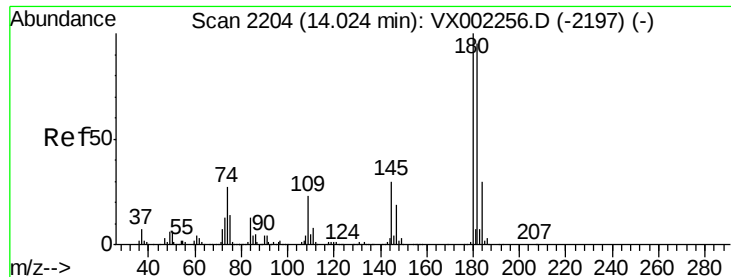
127 12.9 10.4 15.6

129 10.9 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

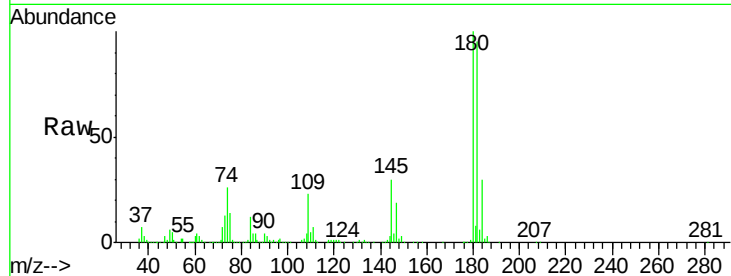




#96
 1,2,3-Trichlorobenzene
 Concen: 50.80 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: VX002556.D
 Acq: 14 Jun 2018 17:12

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	48.0	144.0
145	29.1	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

