

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061418\
 Data File : VX002567.D
 Acq On : 14 Jun 2018 22:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 15 03:20:37 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	225645	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	341855	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	327363	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	210317	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	150499	46.39	ug/l	0.00
Spiked Amount			Recovery	=	92.78%	
35) Dibromofluoromethane	5.51	113	119302	44.38	ug/l	0.00
Spiked Amount			Recovery	=	88.76%	
50) Toluene-d8	8.72	98	445052	43.19	ug/l	0.00
Spiked Amount			Recovery	=	86.38%	
62) 4-Bromofluorobenzene	11.14	95	172585	43.43	ug/l	0.00
Spiked Amount			Recovery	=	86.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	92931	39.62	ug/l	99
3) Chloromethane	1.32	50	117552	43.36	ug/l	99
4) Vinyl Chloride	1.40	62	130339	44.09	ug/l	99
5) Bromomethane	1.64	94	78267	46.55	ug/l	100
6) Chloroethane	1.72	64	87556	45.79	ug/l	98
7) Trichlorofluoromethane	1.93	101	226786	50.35	ug/l	98
8) Diethyl Ether	2.19	74	89720	56.36	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	128297	52.78	ug/l	100
10) Methyl Iodide	2.51	142	160307	46.89	ug/l	99
11) Tert butyl alcohol	3.08	59	170929	259.20	ug/l	98
12) 1,1-Dichloroethene	2.37	96	115184	47.95	ug/l	96
13) Acrolein	2.30	56	30849	90.04	ug/l	98
14) Allyl chloride	2.73	41	234695	45.02	ug/l	99
15) Acrylonitrile	3.15	53	390550	285.77	ug/l	99
16) Acetone	2.45	43	355549	256.72	ug/l	99
17) Carbon Disulfide	2.57	76	239447	37.82	ug/l	99
18) Methyl Acetate	2.78	43	189867	59.23	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	486242	58.54	ug/l	98
20) Methylene Chloride	2.86	84	139602	54.99	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	125411	47.34	ug/l	98
22) Diisopropyl ether	3.88	45	448594	51.56	ug/l	99
23) Vinyl Acetate	3.83	43	1931830	228.59	ug/l	100
24) 1,1-Dichloroethane	3.70	63	233464	45.31	ug/l	99
25) 2-Butanone	4.71	43	505677	228.56	ug/l	100
26) 2,2-Dichloropropane	4.59	77	147725	36.68	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	135245	46.95	ug/l	95
28) Bromochloromethane	5.02	49	116195	53.26	ug/l	97
29) Tetrahydrofuran	5.17	42	331179	232.17	ug/l	98
30) Chloroform	5.22	83	241740	48.62	ug/l	97
31) Cyclohexane	5.57	56	183220	44.97	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	205438	48.72	ug/l	99
36) 1,1-Dichloropropene	5.80	75	162651	45.26	ug/l	99
37) Ethyl Acetate	4.87	43	203619	47.11	ug/l	100
38) Carbon Tetrachloride	5.78	117	174138	46.32	ug/l	99

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Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 15 03:20:37 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	185828	41.90	ug/l	98
40) Benzene	6.15	78	500727	45.44	ug/l	100
41) Methacrylonitrile	5.07	41	116923	47.26	ug/l	99
42) 1,2-Dichloroethane	6.20	62	203356	46.45	ug/l	100
43) Isopropyl Acetate	6.47	43	346682	47.23	ug/l	99
44) Trichloroethene	7.22	130	145691	47.64	ug/l	99
45) 1,2-Dichloropropane	7.52	63	139703	46.96	ug/l	99
46) Dibromomethane	7.66	93	93451	46.34	ug/l	99
47) Bromodichloromethane	7.90	83	175015	47.98	ug/l	97
48) Methyl methacrylate	7.78	41	175184	47.51	ug/l	98
49) 1,4-Dioxane	7.76	88	61516	892.22	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1124808	246.04	ug/l	100
52) Toluene	8.79	92	327796	46.77	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	203474	46.52	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	191633	46.44	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	143050	49.63	ug/l	99
56) Ethyl methacrylate	9.18	69	222831	48.42	ug/l	99
57) 1,3-Dichloropropane	9.38	76	233149	48.21	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	535923	251.61	ug/l	100
59) 2-Hexanone	9.50	43	847782	240.09	ug/l	99
60) Dibromochloromethane	9.59	129	147024	50.71	ug/l	99
61) 1,2-Dibromoethane	9.68	107	147979	49.24	ug/l	99
64) Tetrachloroethene	9.34	164	166054	49.18	ug/l	99
65) Chlorobenzene	10.14	112	388676	47.72	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	146232	49.58	ug/l	99
67) Ethyl Benzene	10.26	91	662316	48.59	ug/l	98
68) m/p-Xylenes	10.36	106	508140	95.89	ug/l	100
69) o-Xylene	10.70	106	253312	48.04	ug/l	99
70) Styrene	10.71	104	425189	49.32	ug/l	99
71) Bromoform	10.86	173	113680	43.52	ug/l	99
73) Isopropylbenzene	11.02	105	686136	46.90	ug/l	99
74) N-amyl acetate	6.47	43	346682	43.98	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	211138	45.88	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	244475	52.98	ug/l	80
77) Bromobenzene	11.26	156	191886	46.72	ug/l	98
78) n-propylbenzene	11.37	91	781714	48.07	ug/l	100
79) 2-Chlorotoluene	11.43	91	464925	45.28	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	581293	46.32	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	53143	40.37	ug/l	97
82) 4-Chlorotoluene	11.51	91	550065	46.41	ug/l	100
83) tert-Butylbenzene	11.77	119	570145	46.66	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	604577	46.80	ug/l	99
85) sec-Butylbenzene	11.95	105	703063	49.08	ug/l	100
86) p-Isopropyltoluene	12.07	119	634819	48.65	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	347783	47.36	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	354196	46.79	ug/l	99
89) n-Butylbenzene	12.39	91	549246	50.19	ug/l	99
90) Hexachloroethane	12.60	117	95804	45.99	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	357636	47.07	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	47662	47.37	ug/l	97

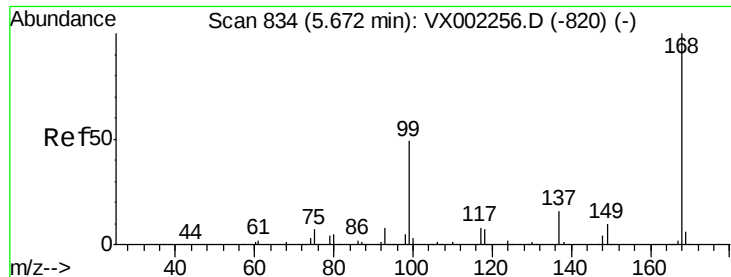
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061418\
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Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	263515	49.46	ug/l	99
94) Hexachlorobutadiene	13.79	225	135182	51.34	ug/l	98
95) Naphthalene	13.84	128	749157	48.94	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	269027	49.51	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002567.D

Acq: 14 Jun 2018 22:31

Instrument :

MSVOA_X

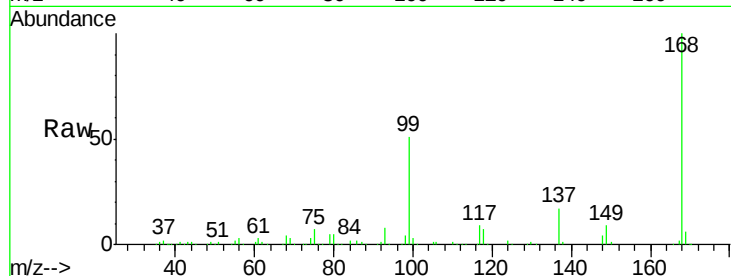
ClientSampleId :

Tot Ion:168 Resp: 225645

Ion Ratio Lower Upper

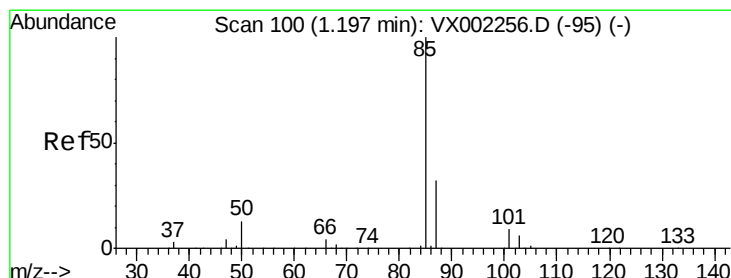
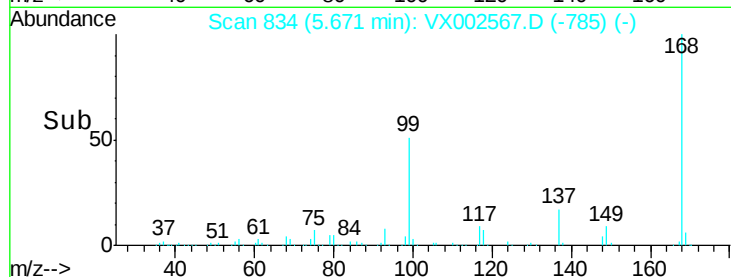
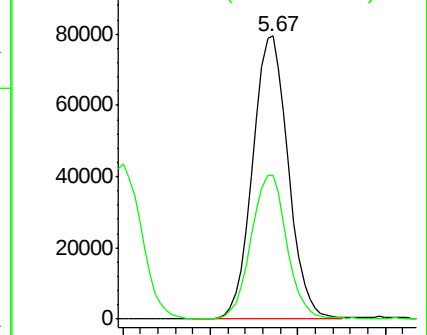
168 100

99 50.9 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 39.62 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002567.D

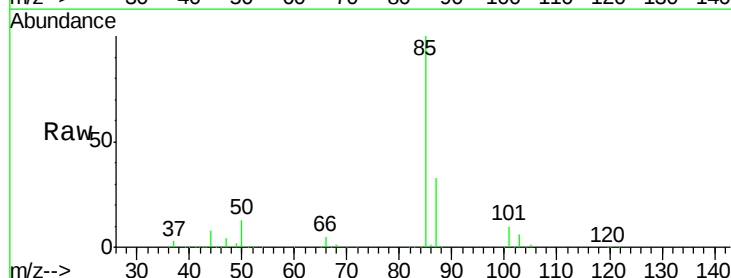
Acq: 14 Jun 2018 22:31

Tgt Ion: 85 Resp: 92931

Ion Ratio Lower Upper

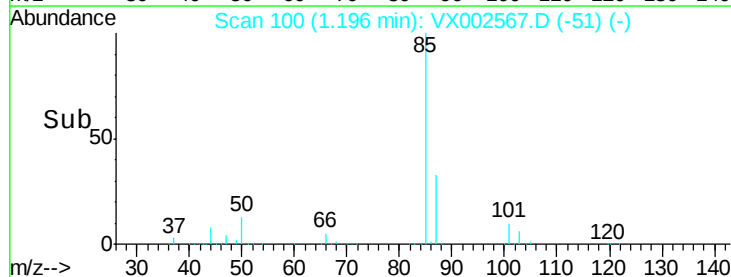
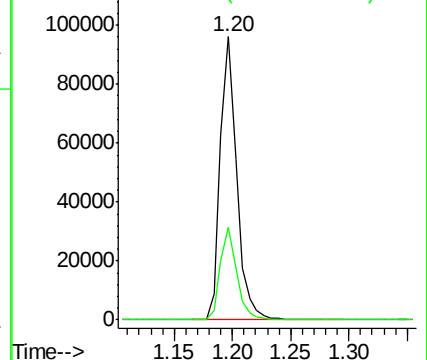
85 100

87 32.5 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 43.36 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002567.D

Acq: 14 Jun 2018 22:31

Instrument :

MSVOA_X

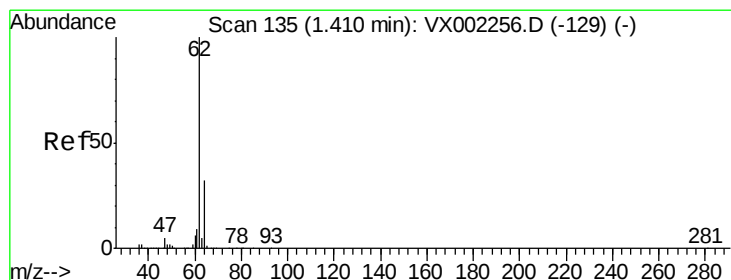
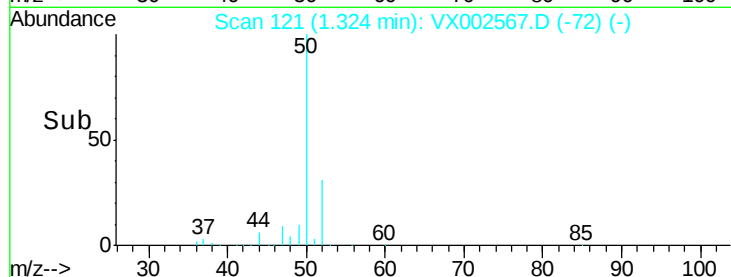
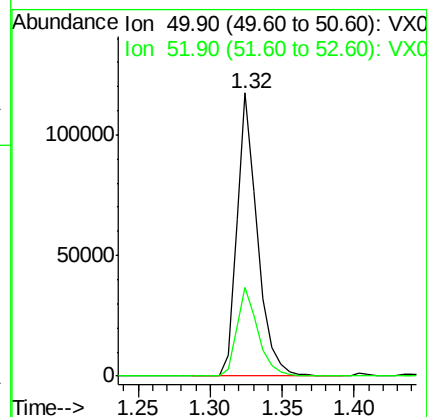
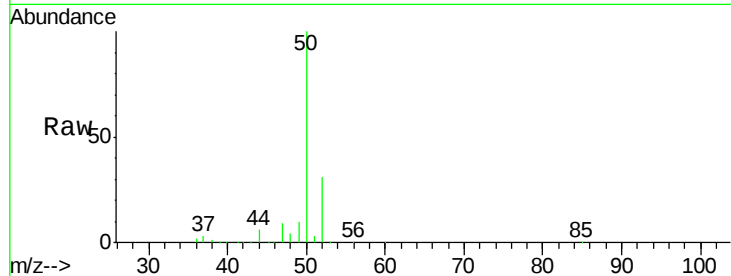
ClientSampled :

Tot Ion: 50 Resp: 117552

Ion Ratio Lower Upper

50 100

52 31.4 25.7 38.5



#4

Vinyl Chloride

Concen: 44.09 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX002567.D

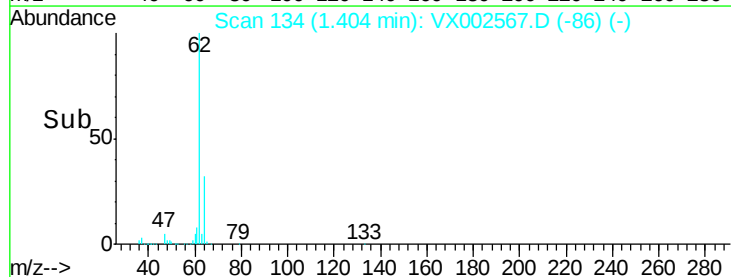
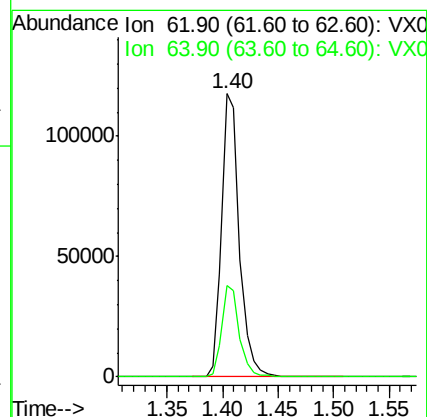
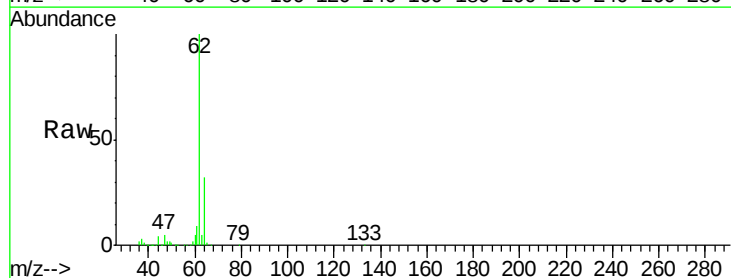
Acq: 14 Jun 2018 22:31

Tgt Ion: 62 Resp: 130339

Ion Ratio Lower Upper

62 100

64 32.3 25.4 38.2





#5

Bromomethane

Concen: 46.55 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002567.D

Acq: 14 Jun 2018 22:31

Instrument :

MSVOA_X

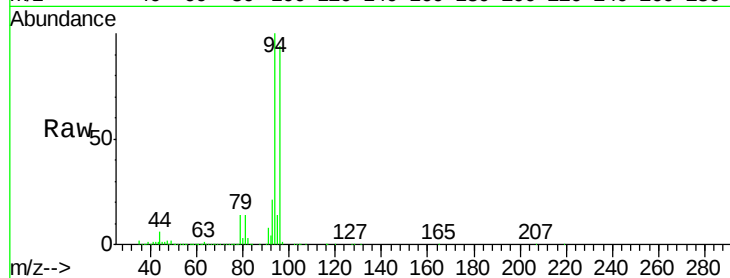
ClientSampleId :

Tot Ion: 94 Resp: 78267

Ion Ratio Lower Upper

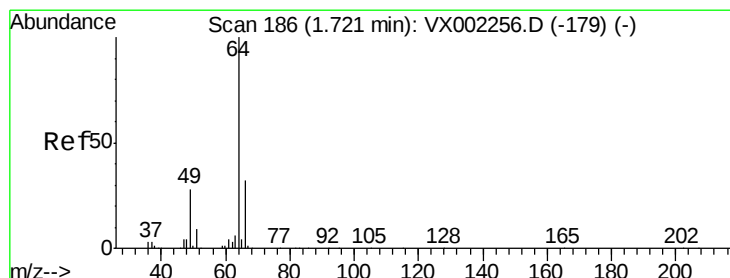
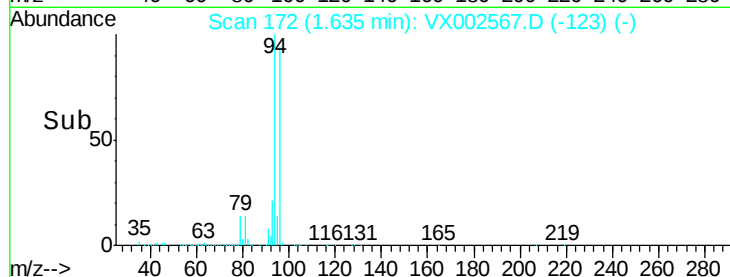
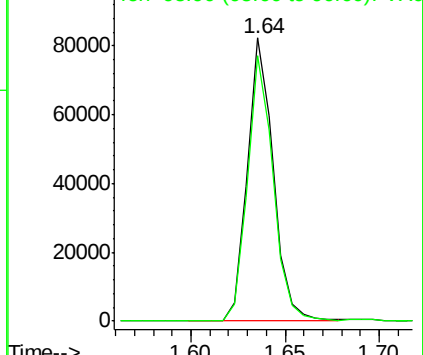
94 100

96 94.0 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: 45.79 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX002567.D

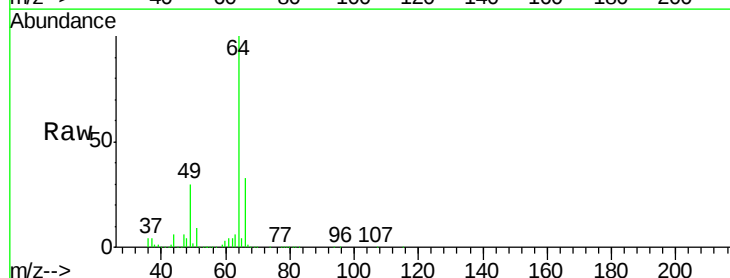
Acq: 14 Jun 2018 22:31

Tgt Ion: 64 Resp: 87556

Ion Ratio Lower Upper

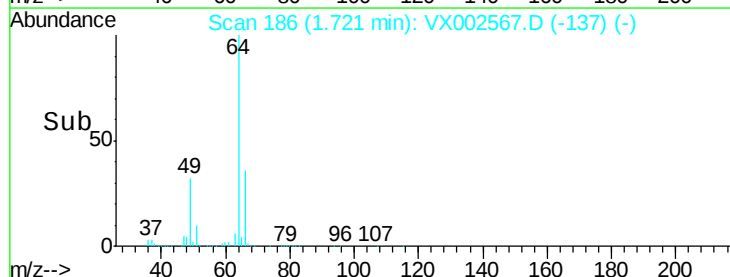
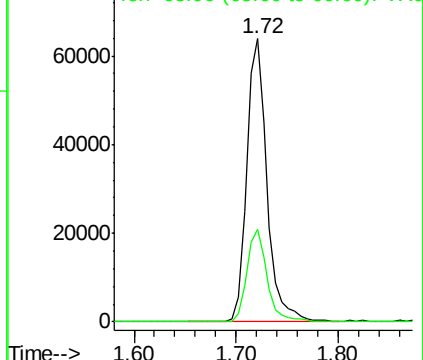
64 100

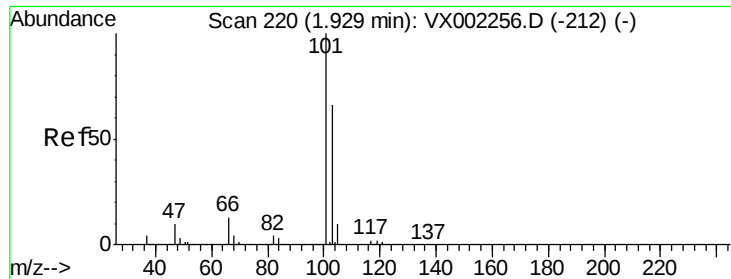
66 32.8 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



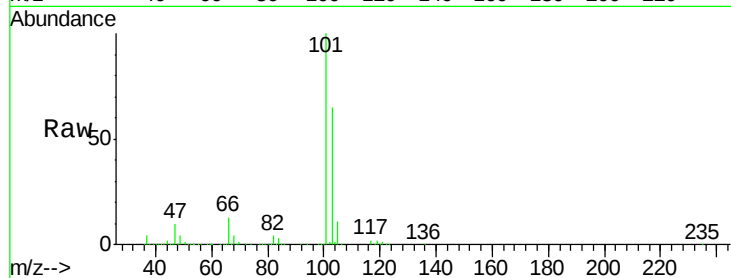


#7

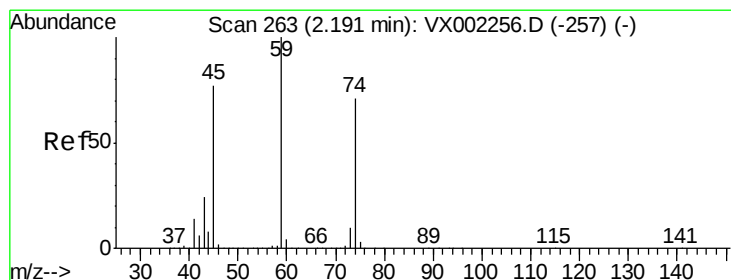
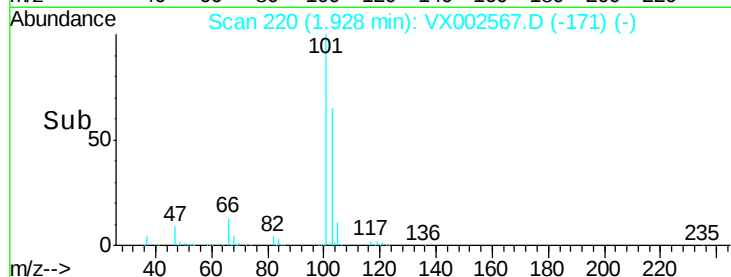
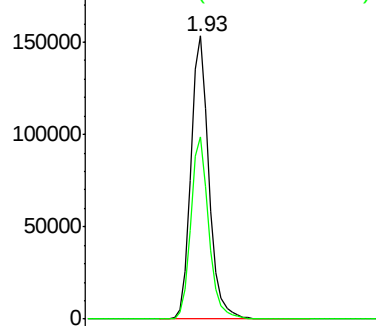
Trichlorofluoromethane
 Concen: 50.35 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VX002567.D
 Acq: 14 Jun 2018 22:31

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:101 Resp: 226786
 Ion Ratio Lower Upper
 101 100
 103 64.6 52.8 79.2



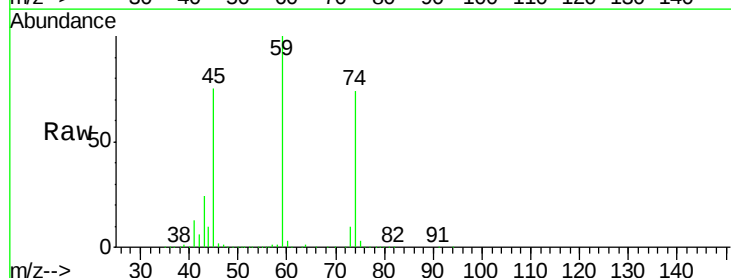
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



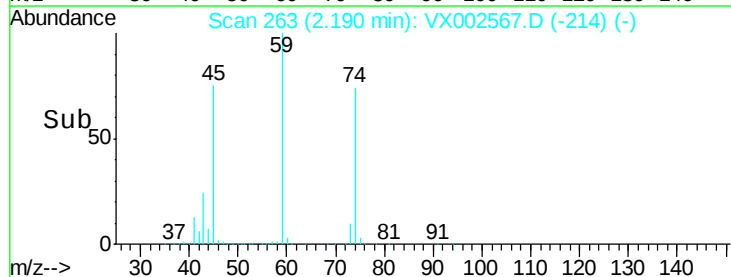
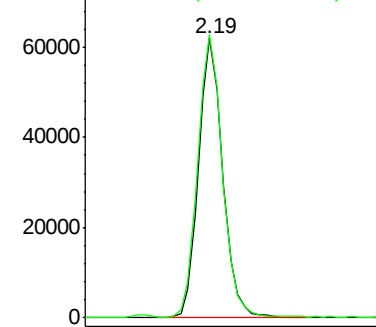
#8

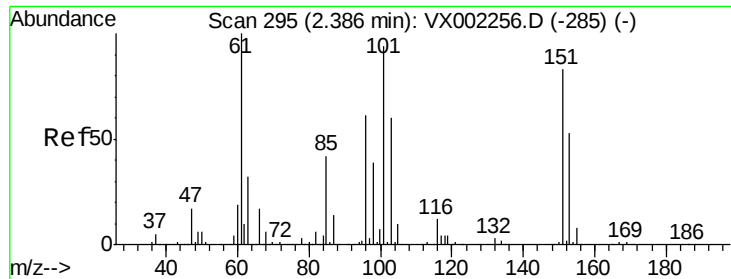
Diethyl Ether
 Concen: 56.36 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002567.D
 Acq: 14 Jun 2018 22:31

Tgt Ion: 74 Resp: 89720
 Ion Ratio Lower Upper
 74 100
 45 102.6 53.1 159.4



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.78 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX002567.D

Acq: 14 Jun 2018 22:31

Instrument :

MSVOA_X

ClientSampleId :

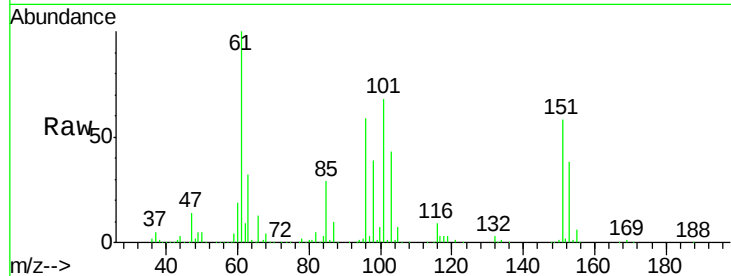
Tot Ion:101 Resp: 128297

Ion Ratio Lower Upper

101 100

85 44.6 36.0 54.0

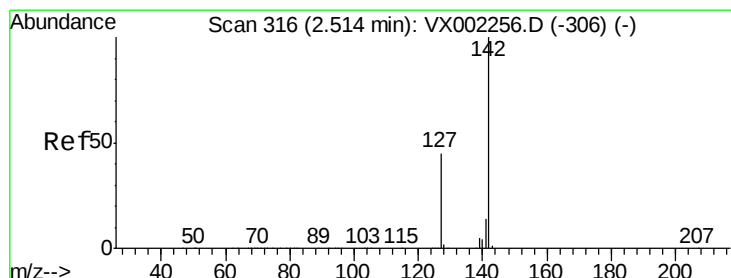
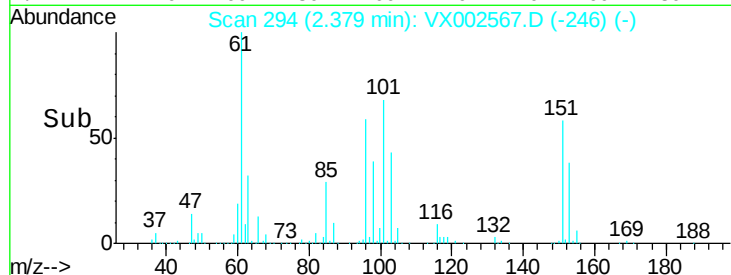
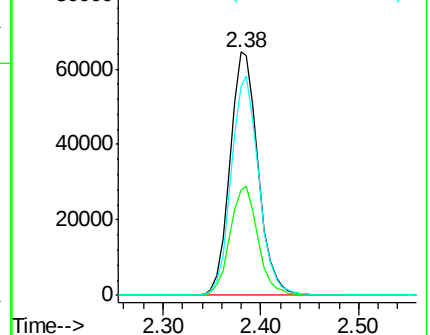
151 88.5 70.9 106.3



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: 46.89 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX002567.D

Acq: 14 Jun 2018 22:31

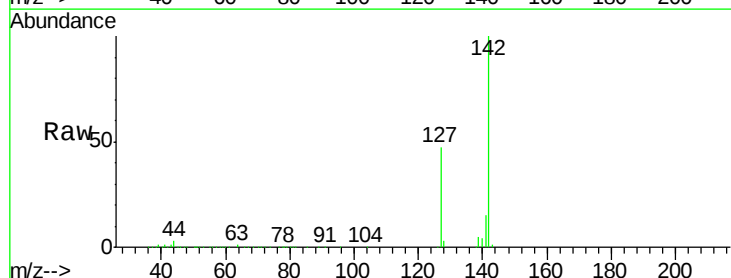
Tgt Ion:142 Resp: 160307

Ion Ratio Lower Upper

142 100

127 46.8 36.6 55.0

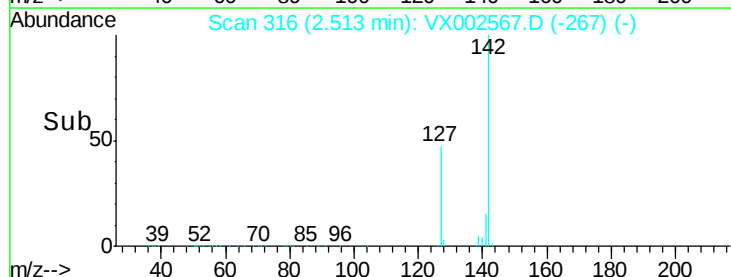
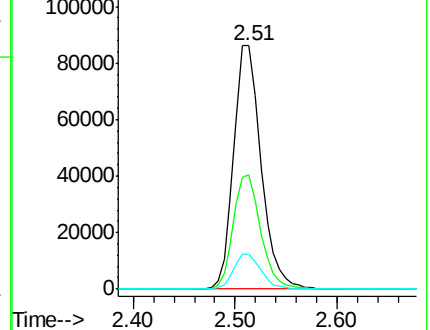
141 14.4 11.3 16.9

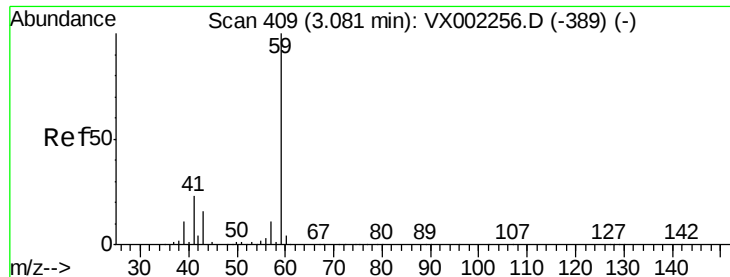


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

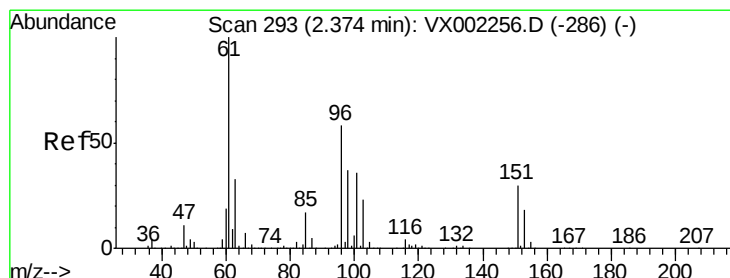
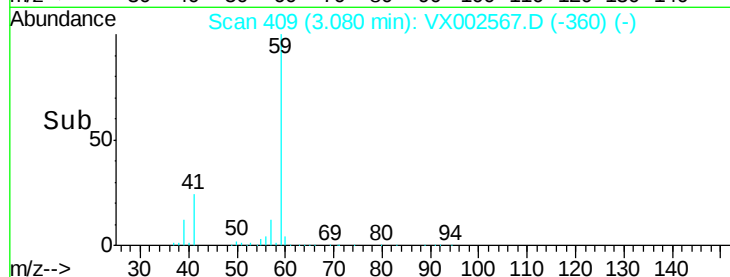
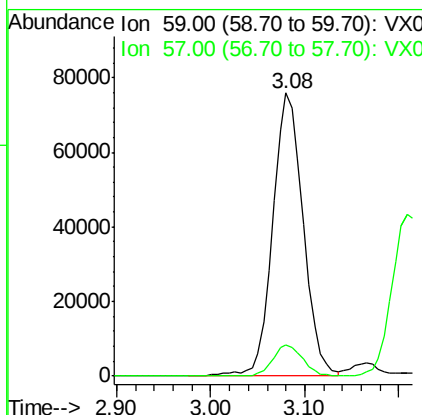
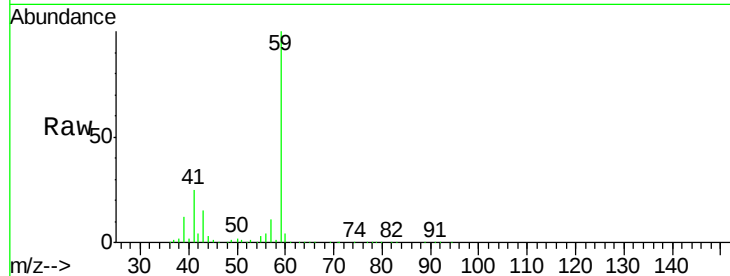




#11
Tert butyl alcohol
Concen: 259.20 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX002567.D
Acq: 14 Jun 2018 22:31

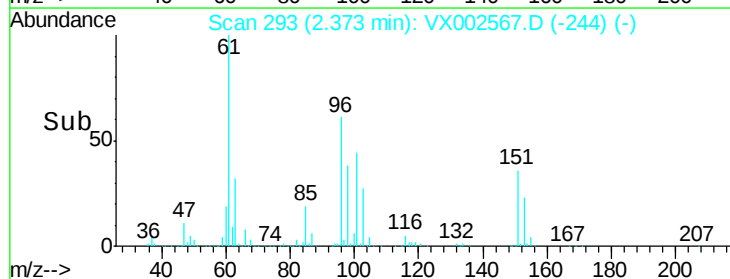
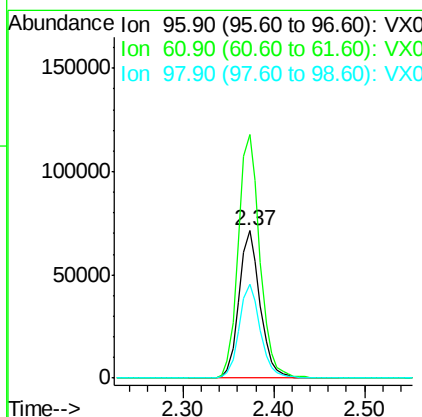
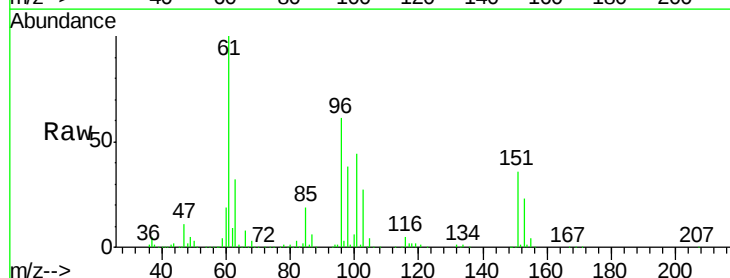
Instrument :
MSVOA_X
ClientSampleId :

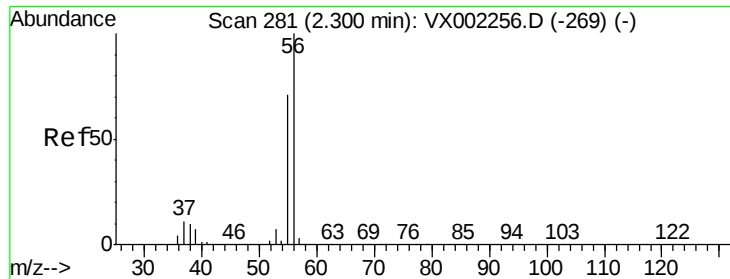
Tot Ion: 59 Resp: 170929
Ion Ratio Lower Upper
59 100
57 11.0 8.2 12.2



#12
1,1-Dichloroethene
Concen: 47.95 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002567.D
Acq: 14 Jun 2018 22:31

Tgt Ion: 96 Resp: 115184
Ion Ratio Lower Upper
96 100
61 165.0 137.9 206.9
98 63.4 51.6 77.4





#13

Acrolein

Concen: 90.04 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX002567.D

Acq: 14 Jun 2018 22:31

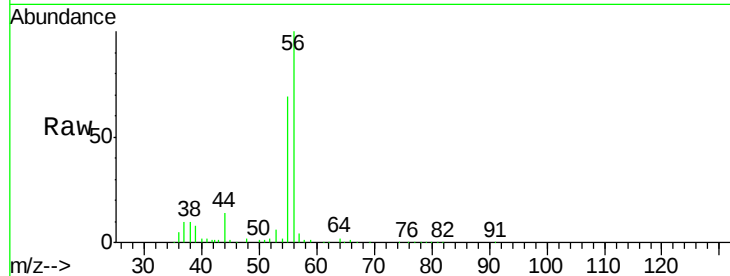
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 30849

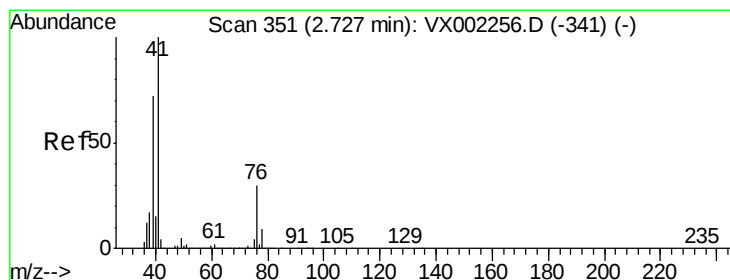
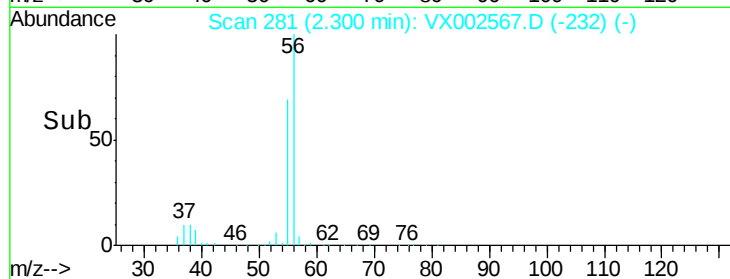
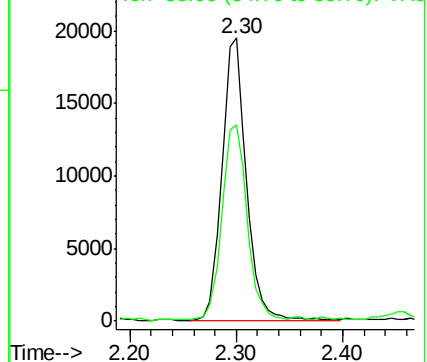
Ion Ratio Lower Upper

56 100

55 72.5 57.0 85.4



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



#14

Allyl chloride

Concen: 45.02 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002567.D

Acq: 14 Jun 2018 22:31

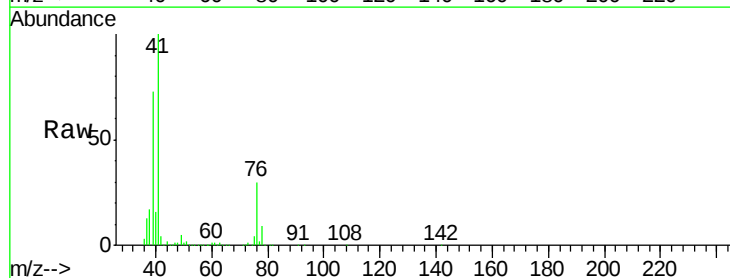
Tgt Ion: 41 Resp: 234695

Ion Ratio Lower Upper

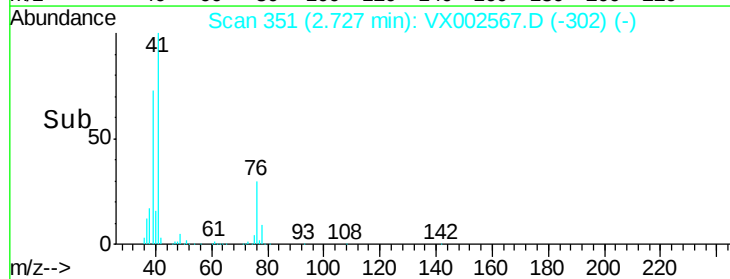
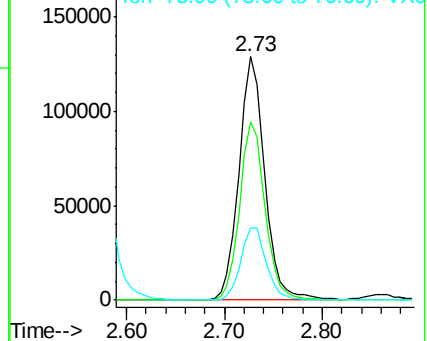
41 100

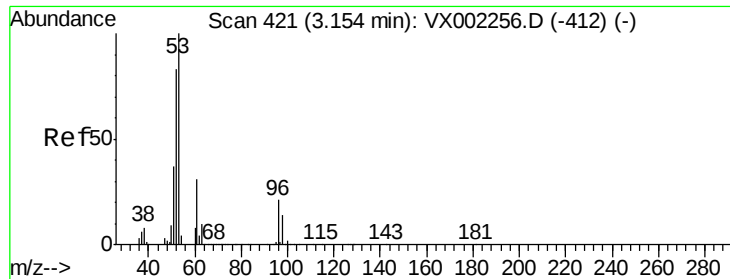
39 72.1 56.8 85.2

76 29.8 23.8 35.8



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





#15

Acrylonitrile

Concen: 285.77 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

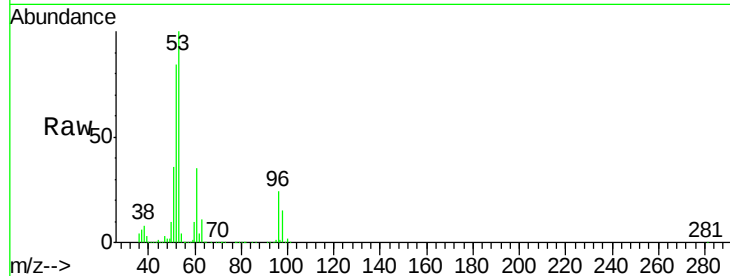
Lab File: VX002567.D

Acq: 14 Jun 2018 22:31

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 53 Resp: 390550

Ion	Ratio	Lower	Upper
53	100		
52	83.9	66.7	100.1
51	36.9	29.9	44.9

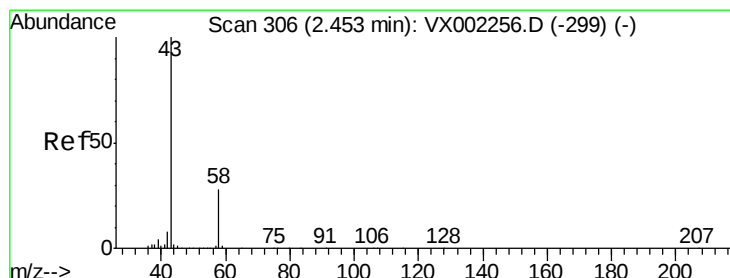
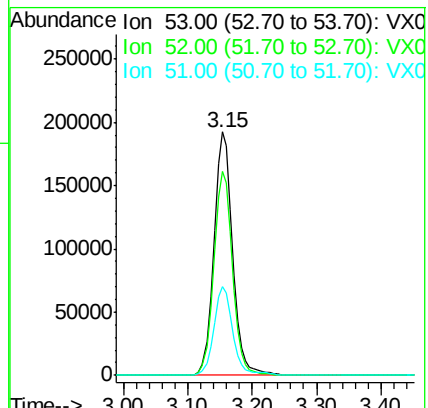
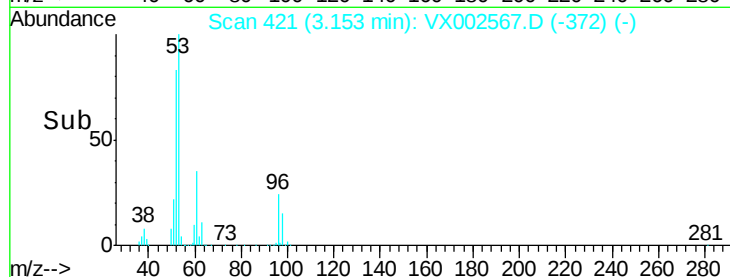


Abundance

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: 256.72 ug/l

RT: 2.45 min Scan# 306

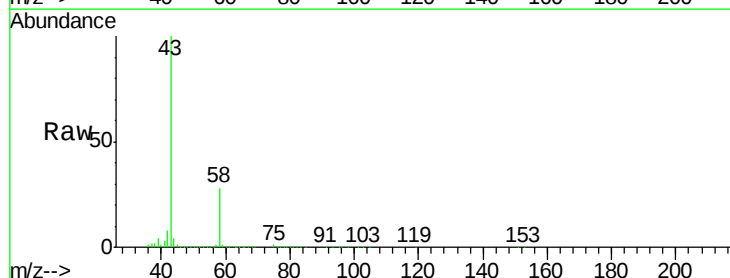
Delta R.T. 0.00 min

Lab File: VX002567.D

Acq: 14 Jun 2018 22:31

Tgt Ion: 43 Resp: 355549

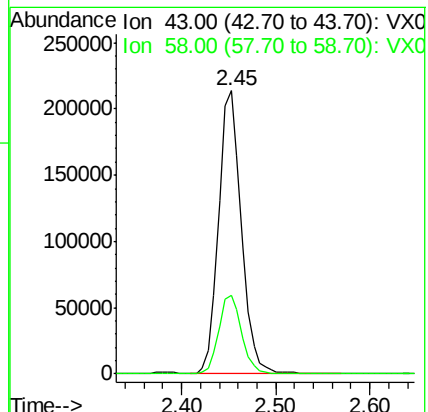
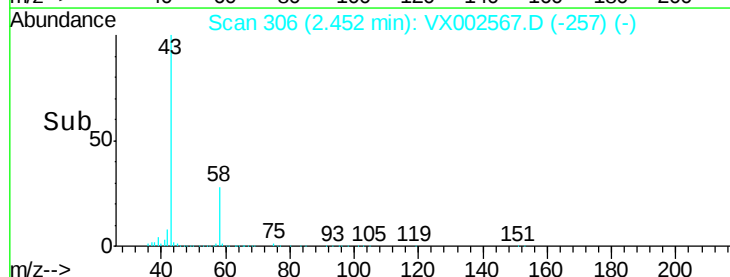
Ion	Ratio	Lower	Upper
43	100		
58	27.9	22.1	33.1



Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

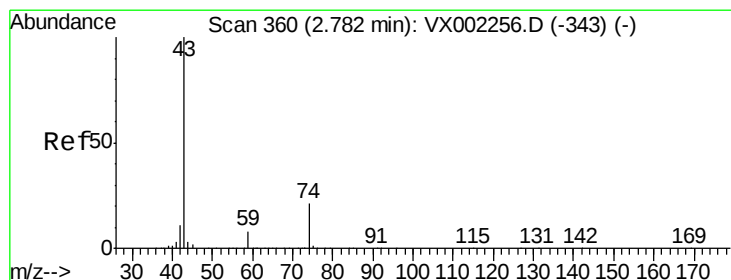
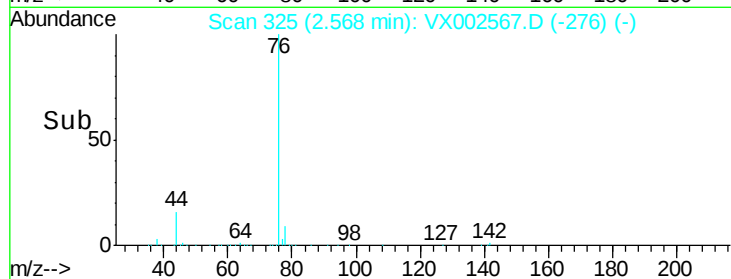
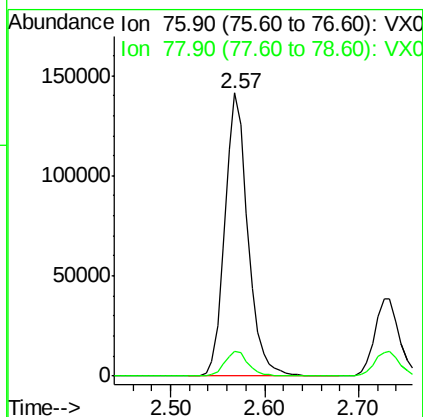
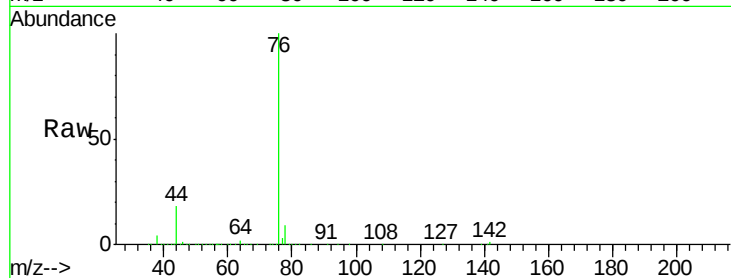




#17
Carbon Disulfide
Concen: 37.82 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002567.D
Acq: 14 Jun 2018 22:31

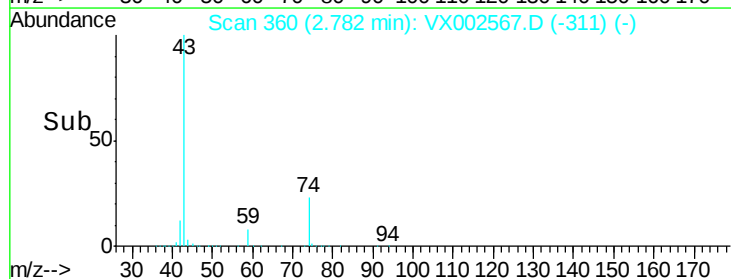
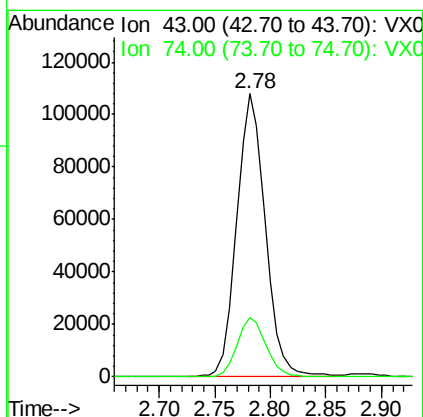
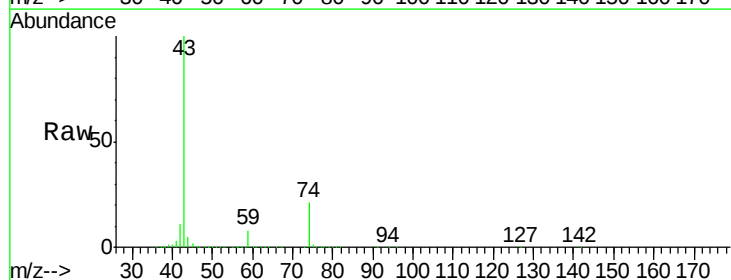
Instrument :
MSVOA_X
ClientSampleId :

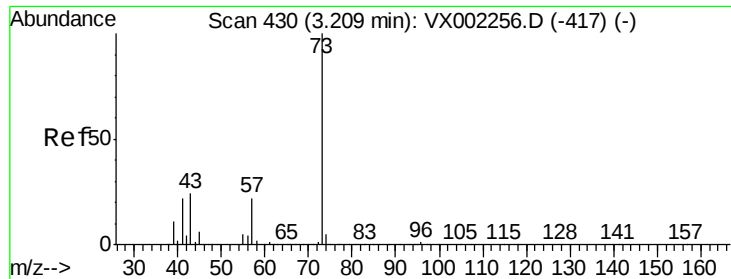
Tot Ion: 76 Resp: 239447
Ion Ratio Lower Upper
76 100
78 8.9 6.9 10.3



#18
Methyl Acetate
Concen: 59.23 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002567.D
Acq: 14 Jun 2018 22:31

Tgt Ion: 43 Resp: 189867
Ion Ratio Lower Upper
43 100
74 21.2 16.7 25.1

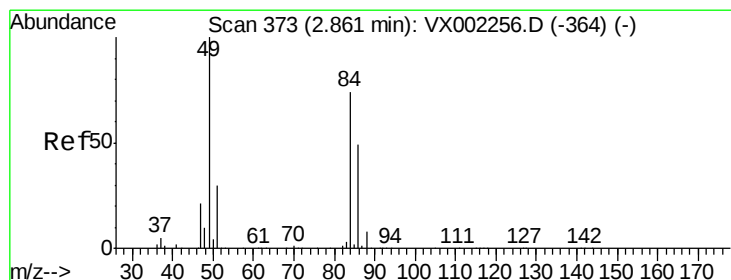
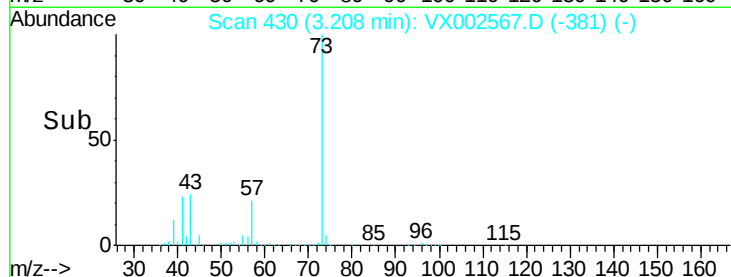
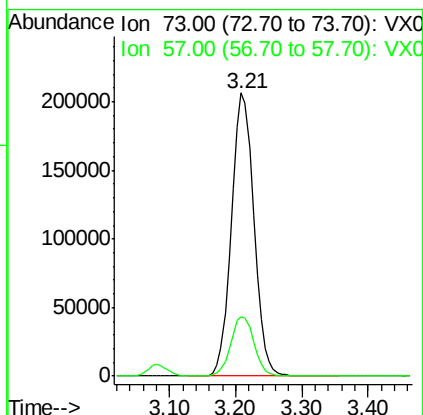
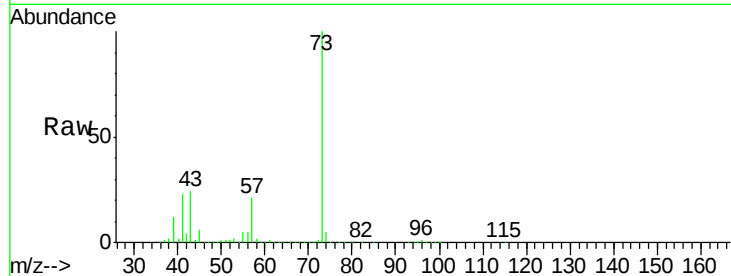




#19
Methvl tert-butvl Ether
Concen: 58.54 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002567.D
Acq: 14 Jun 2018 22:31

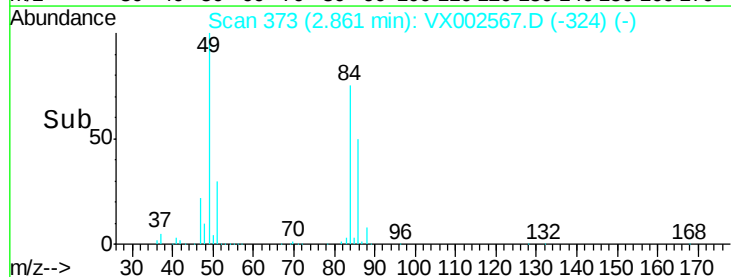
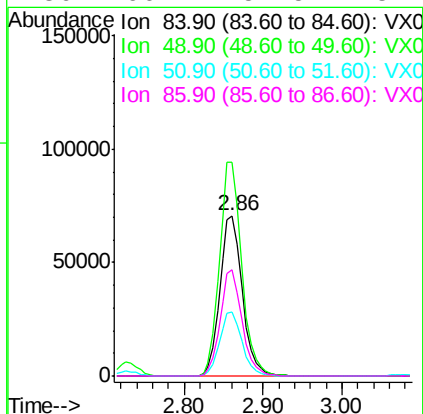
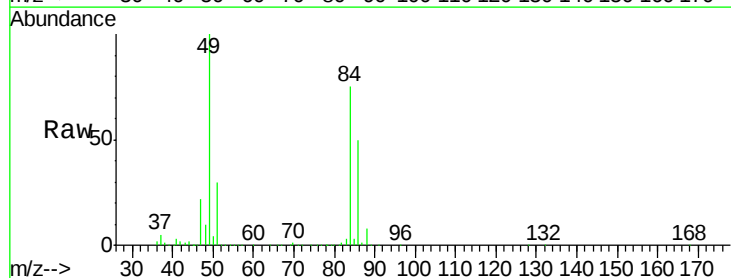
Instrument :
MSVOA_X
ClientSampleId :

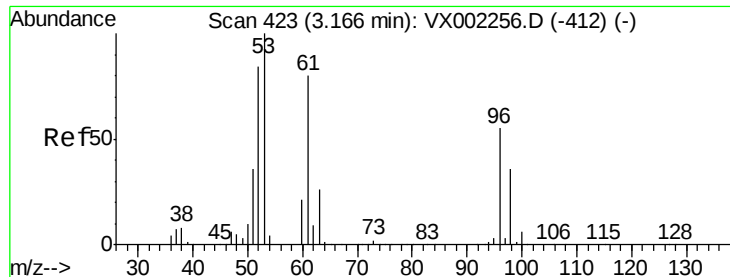
Tot Ion: 73 Resp: 486242
Ion Ratio Lower Upper
73 100
57 21.0 17.7 26.5



#20
Methylene Chloride
Concen: 54.99 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX002567.D
Acq: 14 Jun 2018 22:31

Tgt Ion: 84 Resp: 139602
Ion Ratio Lower Upper
84 100
49 133.0 107.8 161.6
51 39.9 32.8 49.2
86 66.2 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 47.34 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002567.D

Acq: 14 Jun 2018 22:31

Instrument :

MSVOA_X

ClientSampleId :

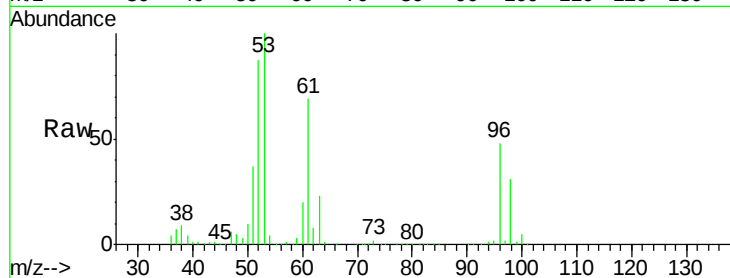
Tot Ion: 96 Resp: 125411

Ion Ratio Lower Upper

96 100

61 143.3 117.0 175.4

98 64.8 52.4 78.6

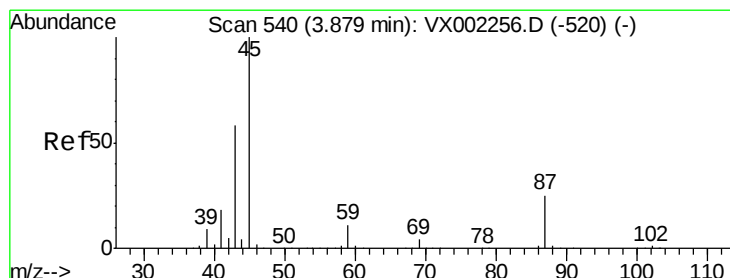
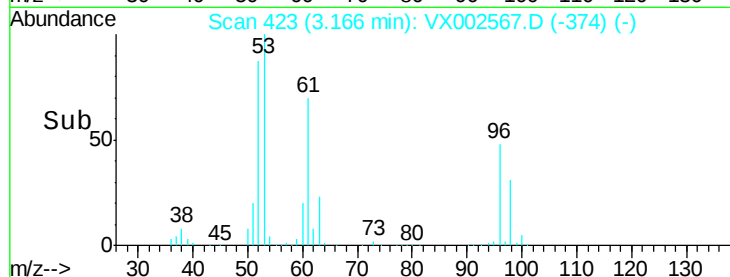
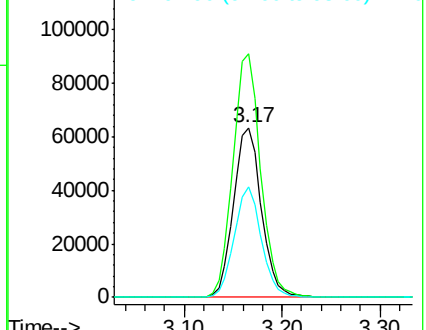


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 51.56 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX002567.D

Acq: 14 Jun 2018 22:31

Tgt Ion: 45 Resp: 448594

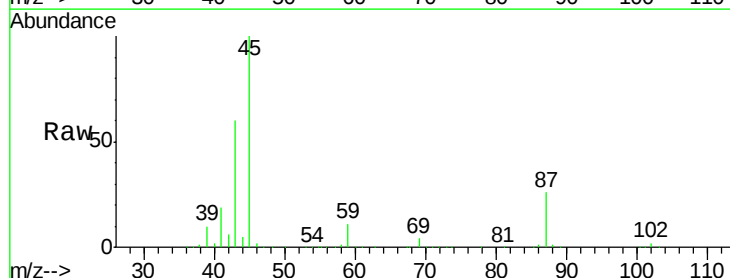
Ion Ratio Lower Upper

45 100

43 60.0 46.8 70.2

87 25.6 20.2 30.4

59 11.0 8.7 13.1



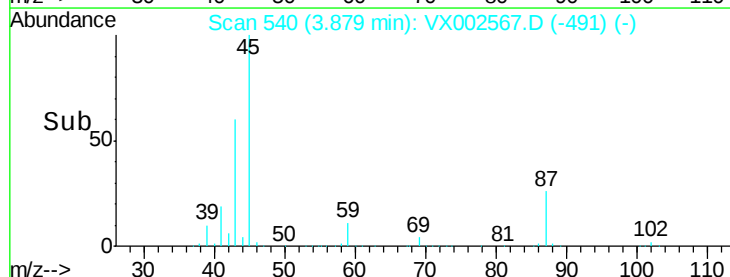
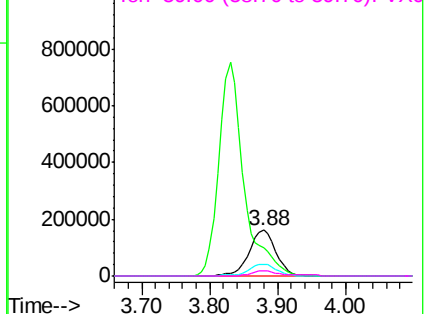
Abundance

Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 228.59 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

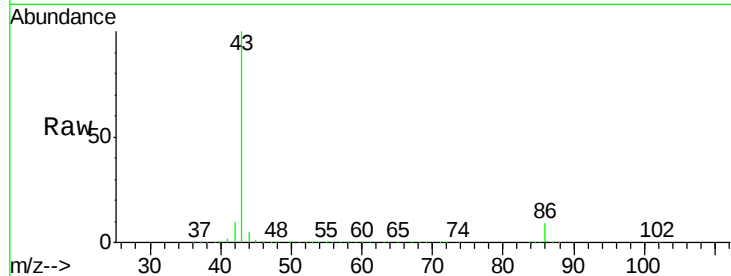
Lab File: VX002567.D

Acq: 14 Jun 2018 22:31

Instrument :
MSVOA_X
ClientSampleId :

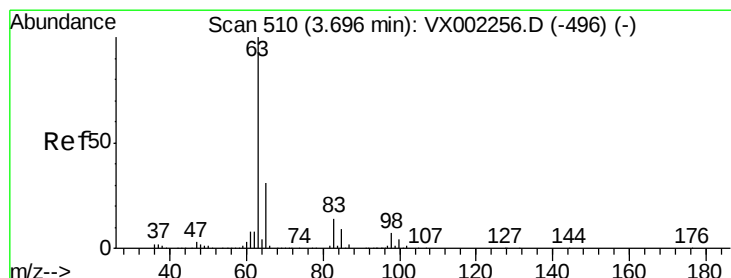
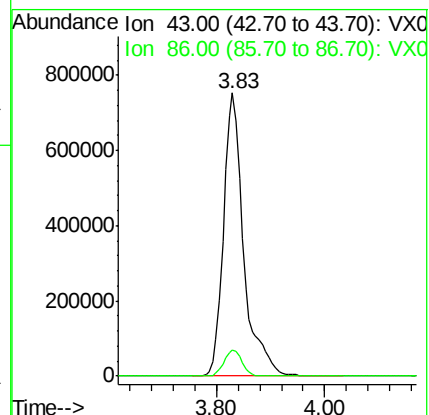
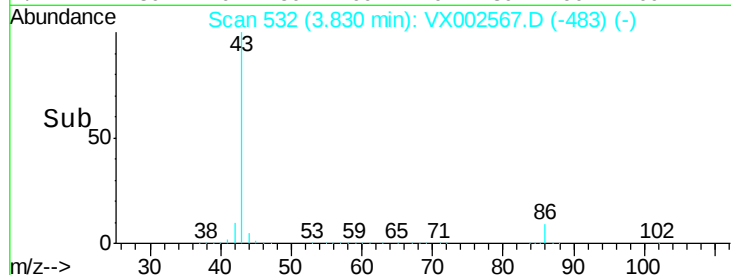
Tot Ion: 43 Resp: 1931830

Ion	Ratio	Lower	Upper
43	100		
86	9.2	7.4	11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 45.31 ug/l

RT: 3.70 min Scan# 510

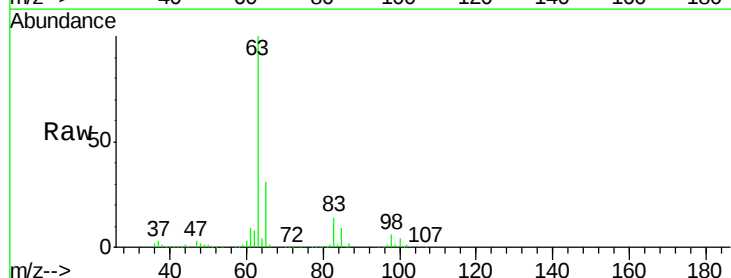
Delta R.T. -0.00 min

Lab File: VX002567.D

Acq: 14 Jun 2018 22:31

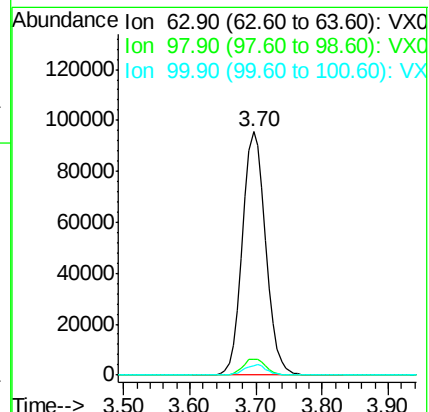
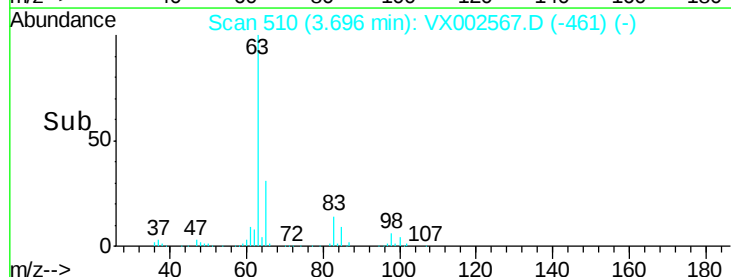
Tgt Ion: 63 Resp: 233464

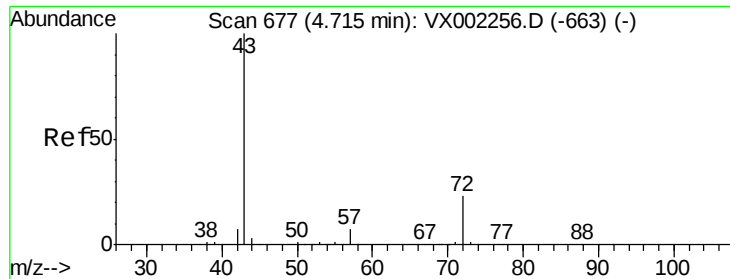
Ion	Ratio	Lower	Upper
63	100		
98	6.5	3.4	10.2
100	4.0	2.0	6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#25

2-Butanone

Concen: 228.56 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX002567.D

Acq: 14 Jun 2018 22:31

Instrument :

MSVOA_X

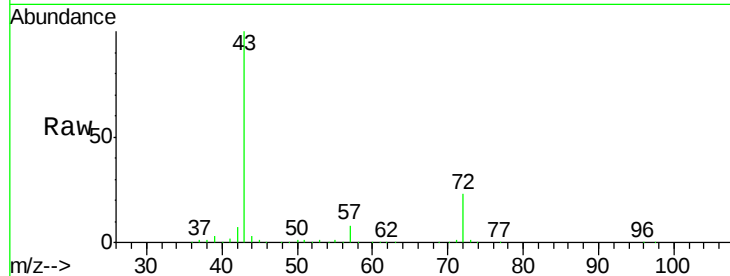
ClientSampled :

Tot Ion: 43 Resp: 505677

Ion Ratio Lower Upper

43 100

72 23.2 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.71

150000

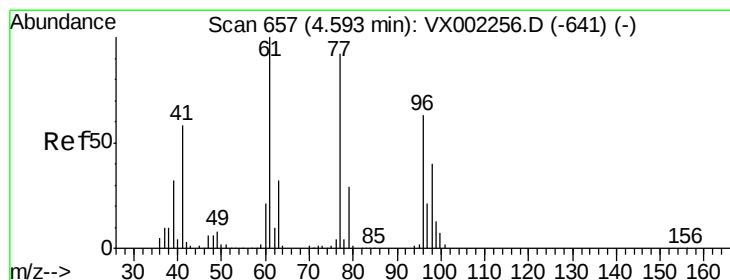
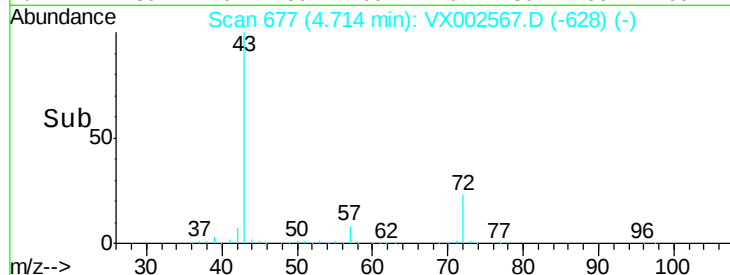
100000

50000

0

Time-->

4.60 4.70 4.80



#26

2,2-Dichloropropane

Concen: 36.68 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002567.D

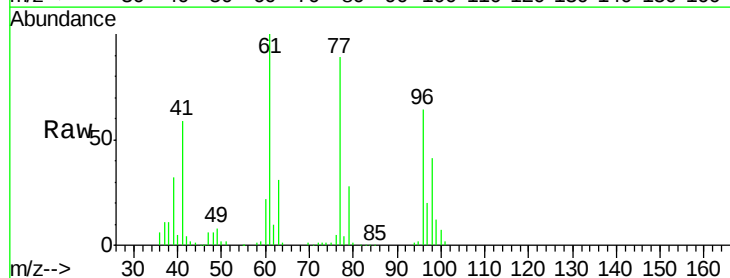
Acq: 14 Jun 2018 22:31

Tgt Ion: 77 Resp: 147725

Ion Ratio Lower Upper

77 100

97 23.4 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

50000

40000

30000

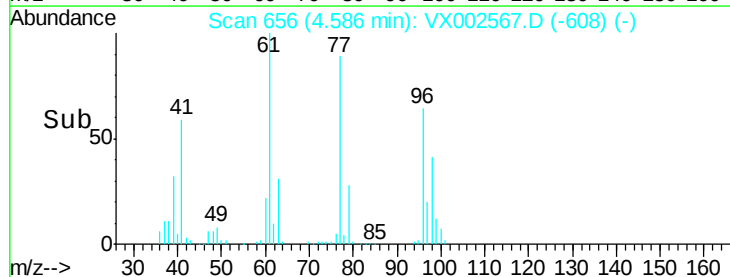
20000

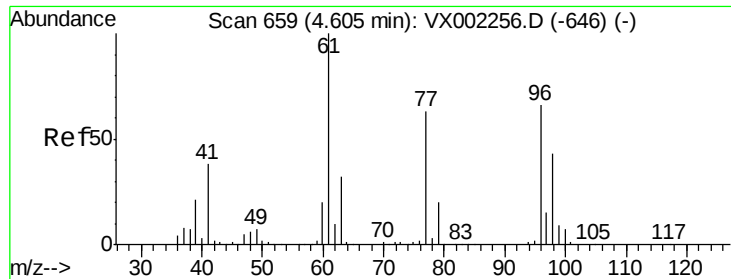
10000

0

Time-->

4.50 4.60 4.70





#27

cis-1,2-Dichloroethene

Concen: 46.95 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX002567.D

Acq: 14 Jun 2018 22:31

Instrument :

MSVOA_X

ClientSampleId :

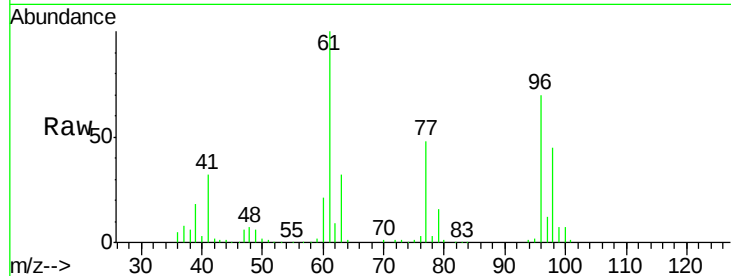
Tot Ion: 96 Resp: 135245

Ion Ratio Lower Upper

96 100

61 155.1 0.0 330.2

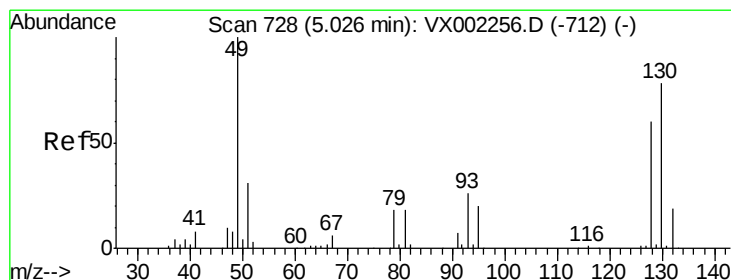
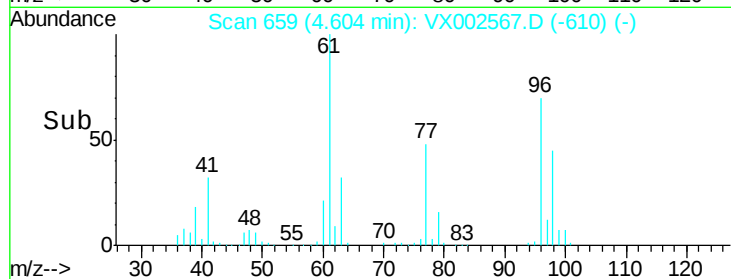
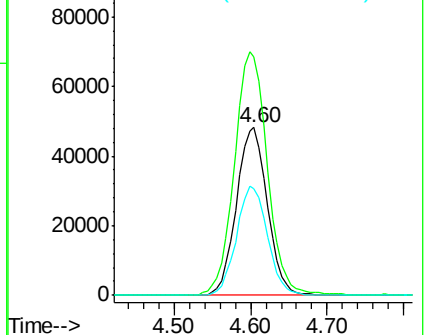
98 65.4 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 53.26 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX002567.D

Acq: 14 Jun 2018 22:31

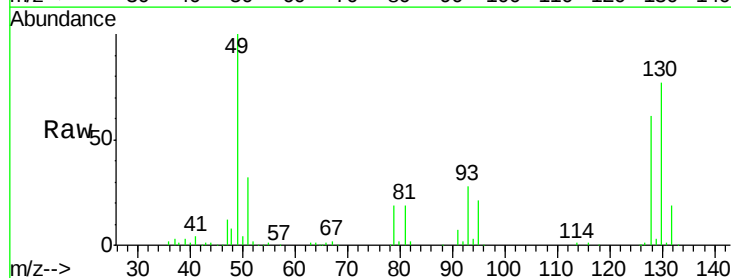
Tgt Ion: 49 Resp: 116195

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.2

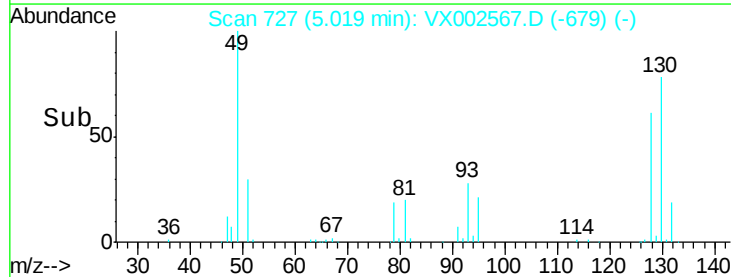
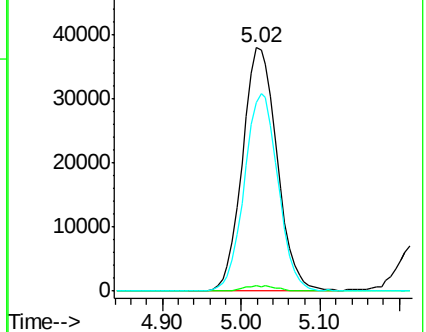
130 78.9 61.2 91.8

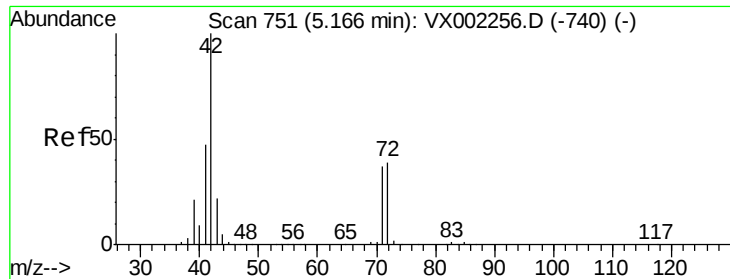


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 232.17 ug/l

RT: 5.17 min Scan# 752

Delta R.T. 0.01 min

Lab File: VX002567.D

Acq: 14 Jun 2018 22:31

Instrument :

MSVOA_X

ClientSampleId :

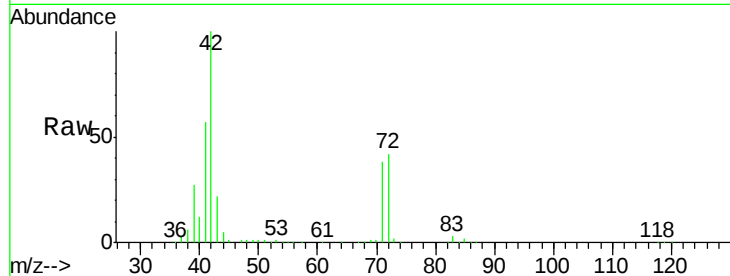
Tot Ion: 42 Resp: 331179

Ion Ratio Lower Upper

42 100

72 41.4 32.0 48.0

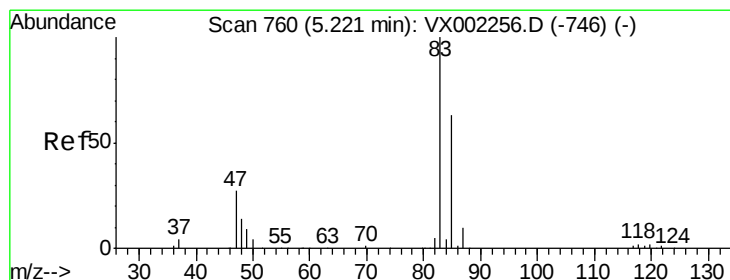
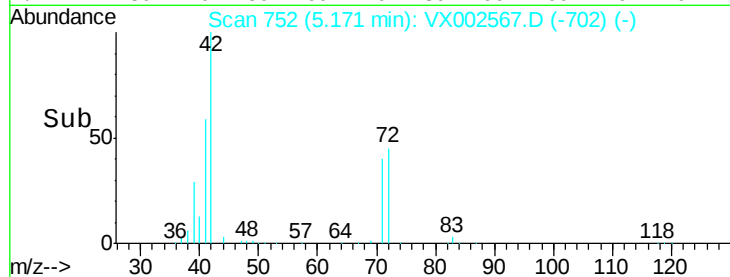
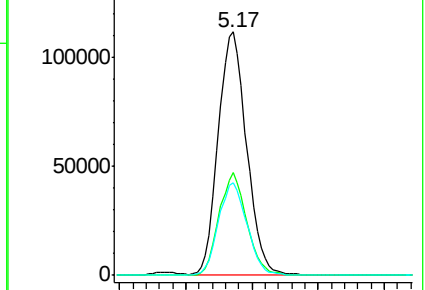
71 38.4 30.1 45.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 48.62 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX002567.D

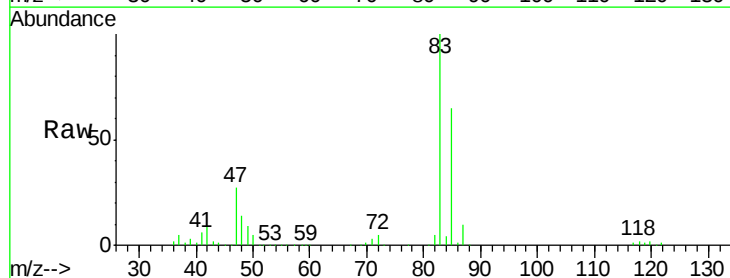
Acq: 14 Jun 2018 22:31

Tgt Ion: 83 Resp: 241740

Ion Ratio Lower Upper

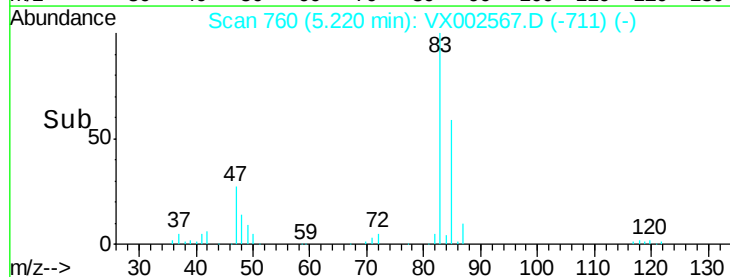
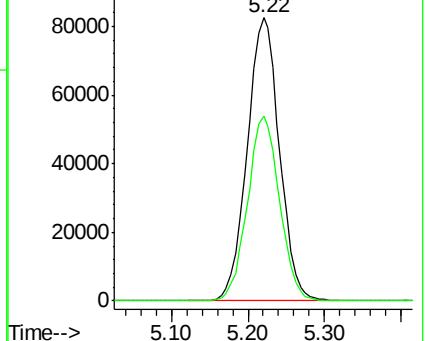
83 100

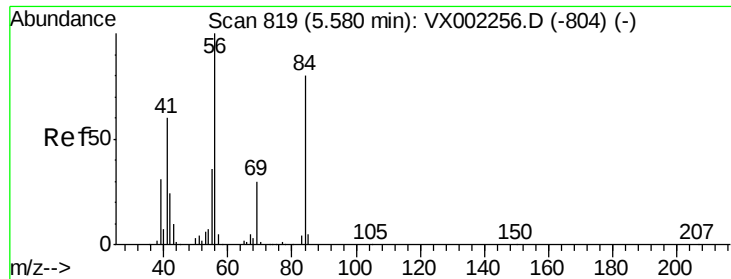
85 65.1 50.4 75.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

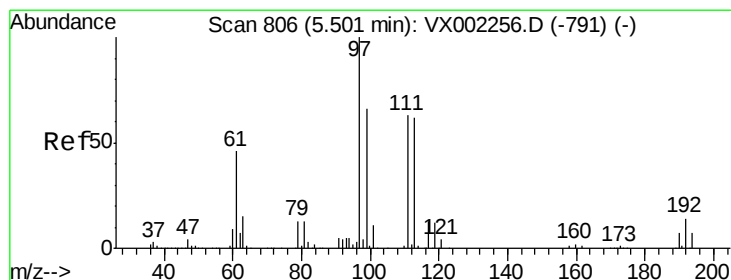
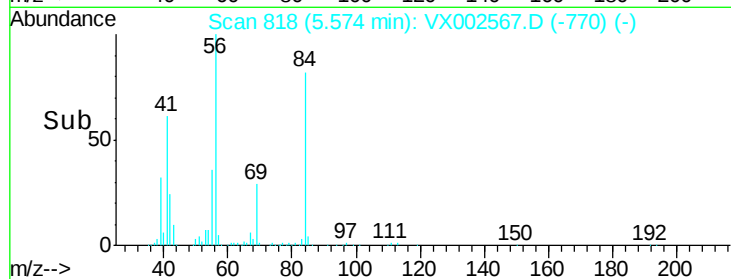
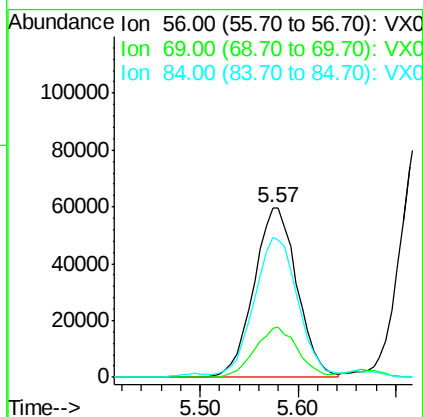
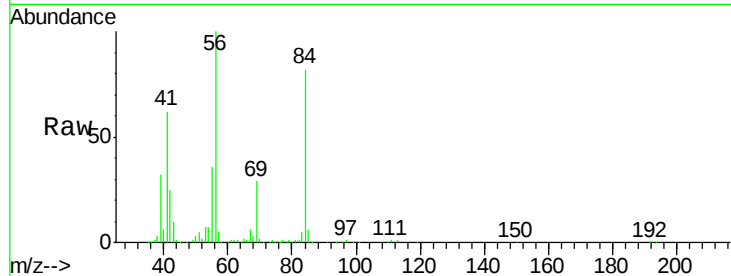




#31
Cyclohexane
Concen: 44.97 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX002567.D
Acq: 14 Jun 2018 22:31

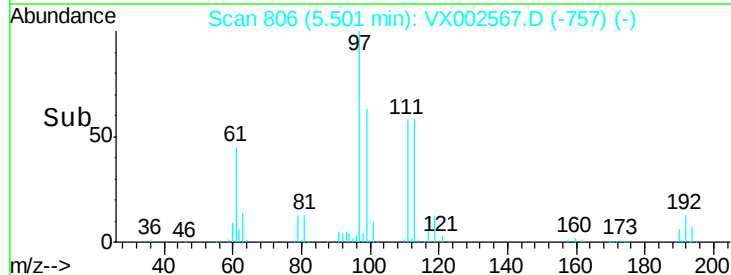
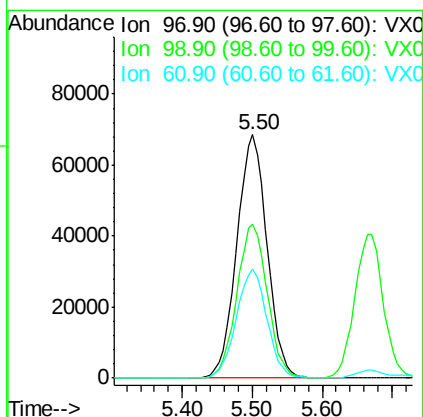
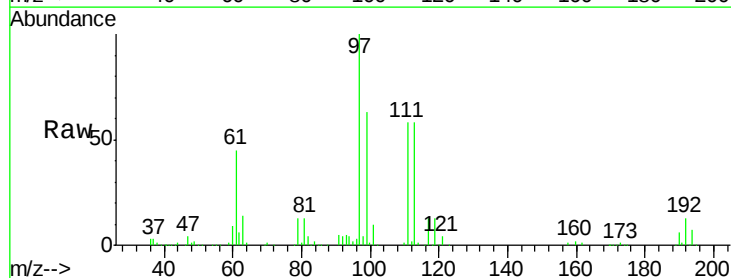
Instrument :
MSVOA_X
ClientSampled :

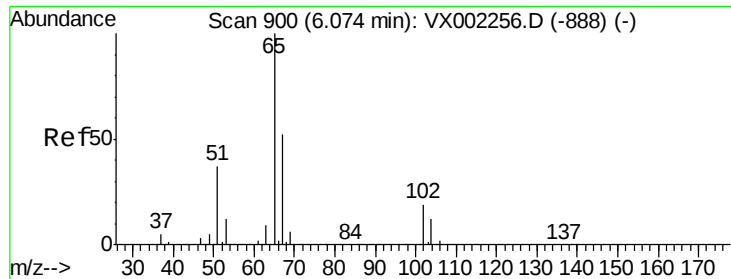
Tot Ion: 56 Resp: 183220
Ion Ratio Lower Upper
56 100
69 28.4 23.7 35.5
84 80.1 64.1 96.1



#32
1,1,1-Trichloroethane
Concen: 48.72 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX002567.D
Acq: 14 Jun 2018 22:31

Tgt Ion: 97 Resp: 205438
Ion Ratio Lower Upper
97 100
99 63.8 51.6 77.4
61 45.5 36.4 54.6

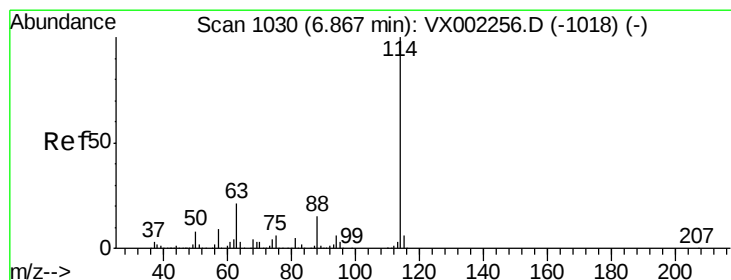
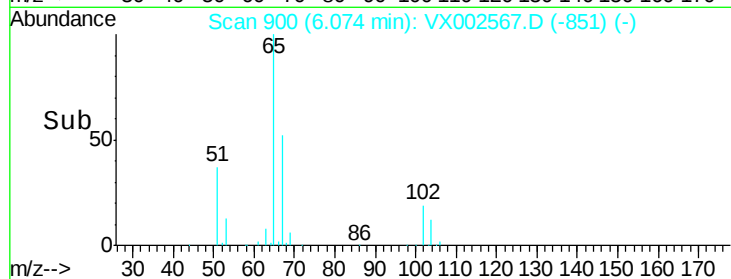
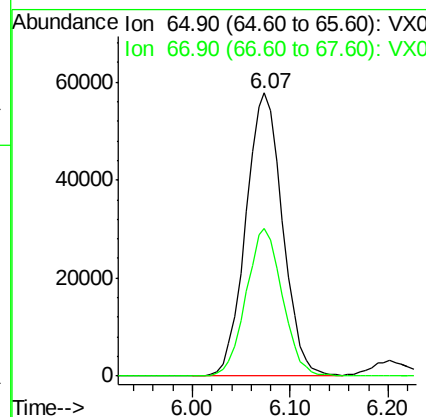
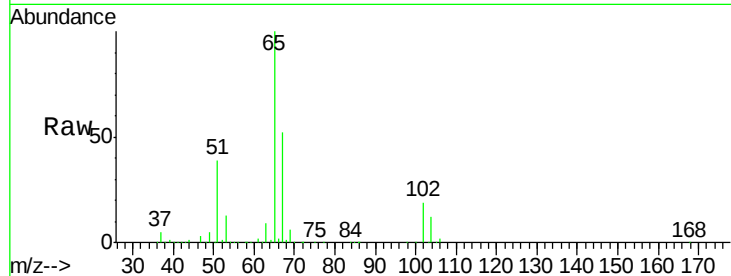




#33
 1,2-Dichloroethane-d4
 Concen: 46.39 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002567.D
 Acq: 14 Jun 2018 22:31

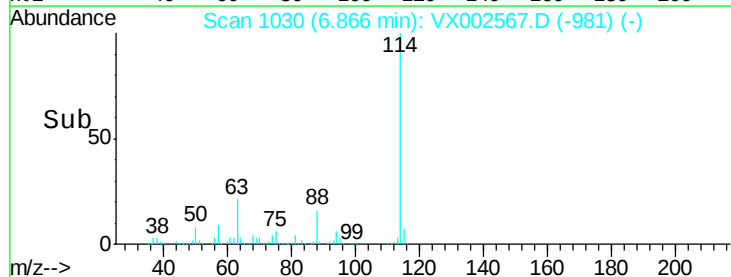
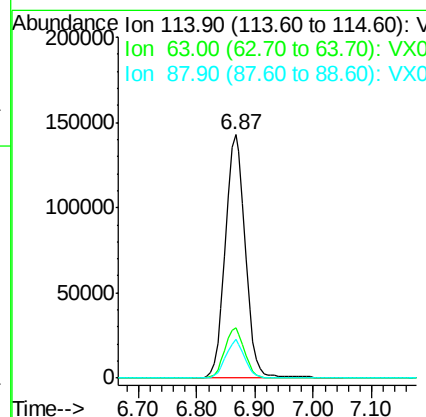
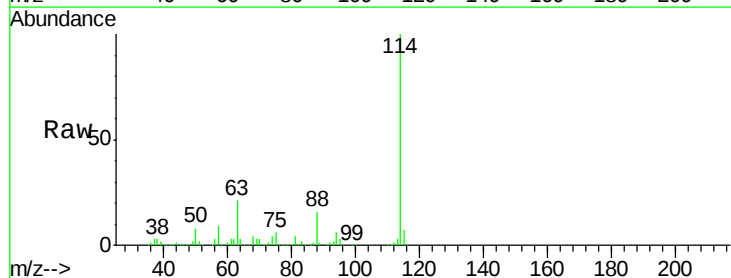
Instrument :
 MSVOA_X
 ClientSampleId :

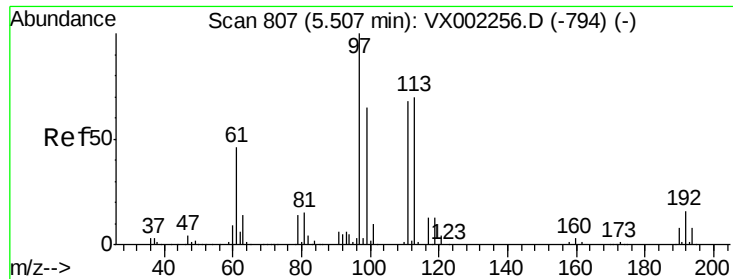
Tot Ion: 65 Resp: 150499
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002567.D
 Acq: 14 Jun 2018 22:31

Tgt Ion: 114 Resp: 341855
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 41.4
 88 15.8 0.0 30.0

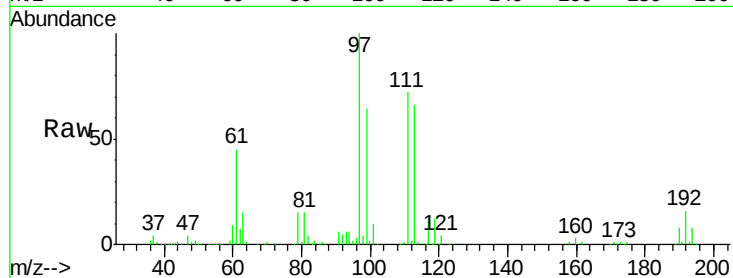




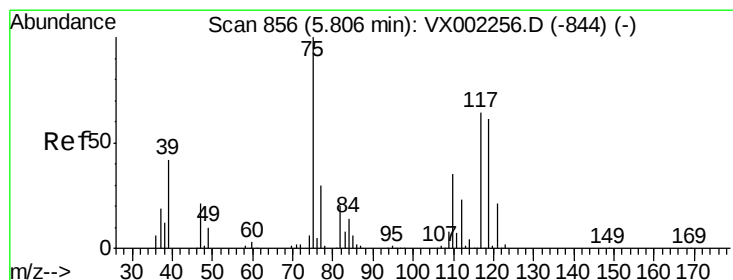
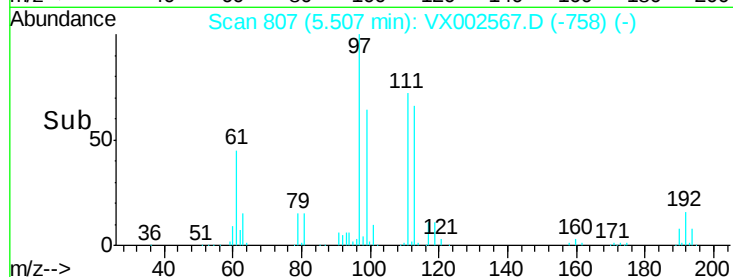
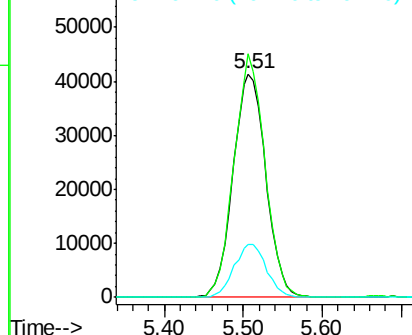
#35
 Dibromofluoromethane
 Concen: 44.38 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX002567.D
 Acq: 14 Jun 2018 22:31

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:113 Resp: 119302
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.4 122.0
 192 23.4 19.1 28.7

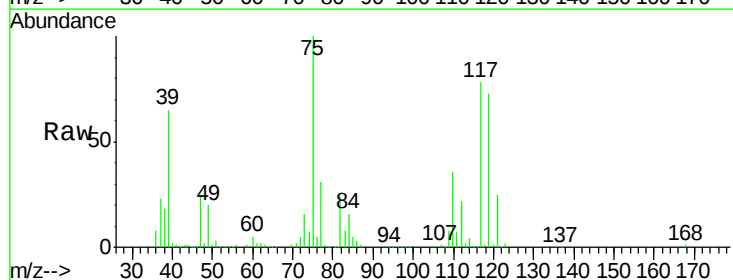


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

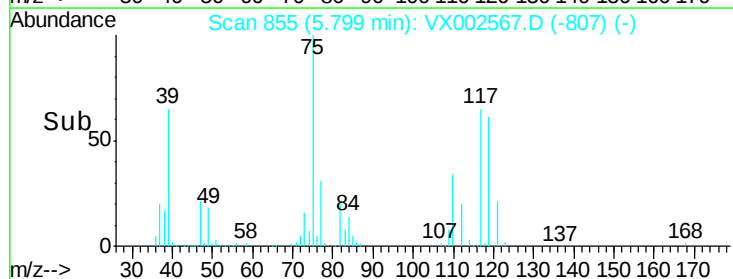
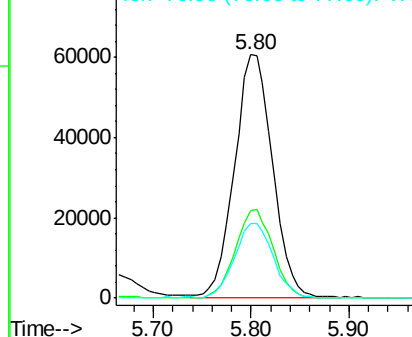


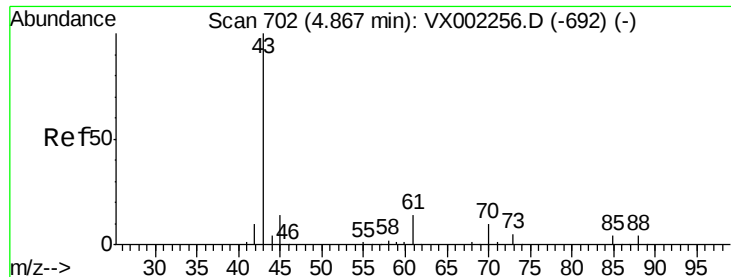
#36
 1,1-Dichloropropene
 Concen: 45.26 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: VX002567.D
 Acq: 14 Jun 2018 22:31

Tgt Ion: 75 Resp: 162651
 Ion Ratio Lower Upper
 75 100
 110 36.5 18.1 54.4
 77 31.3 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

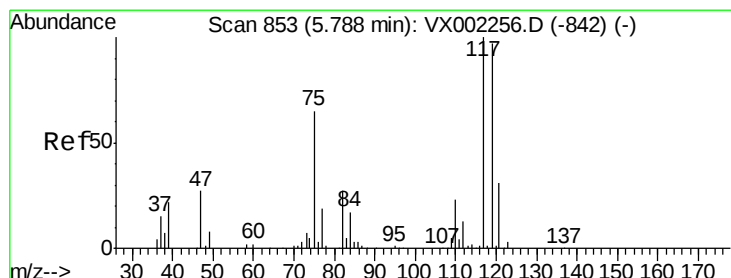
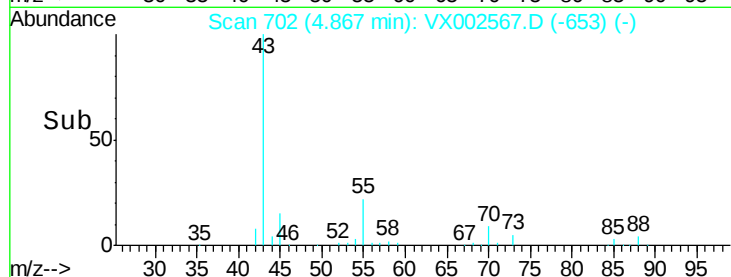
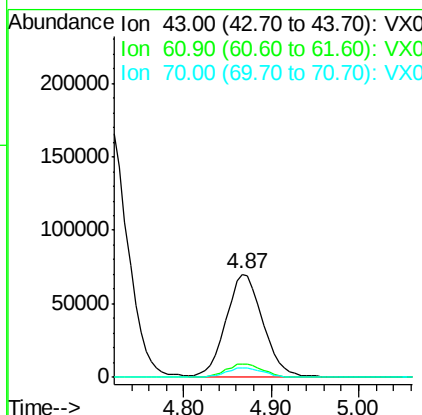
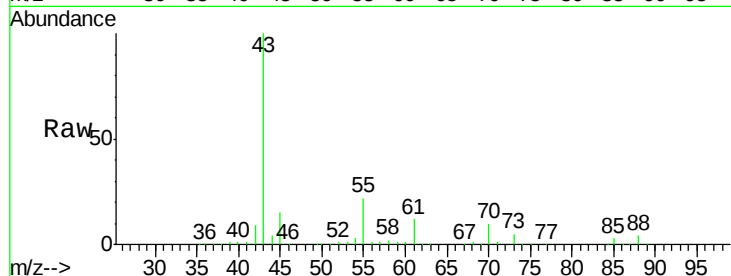




#37
Ethyl Acetate
Concen: 47.11 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX002567.D
Acq: 14 Jun 2018 22:31

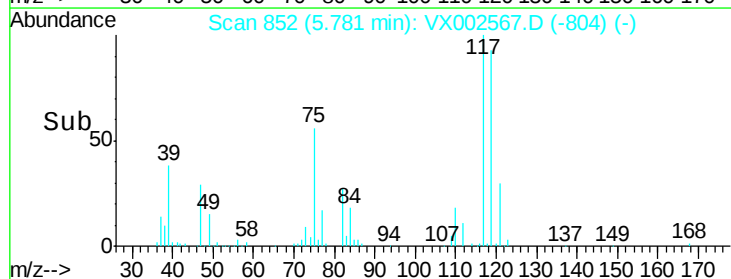
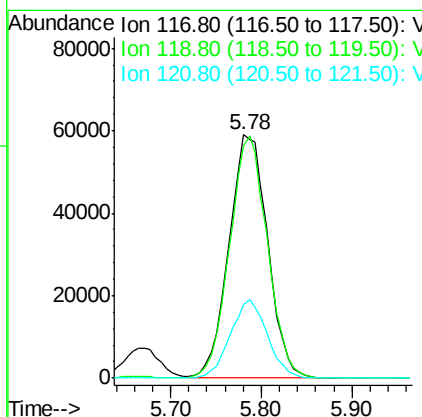
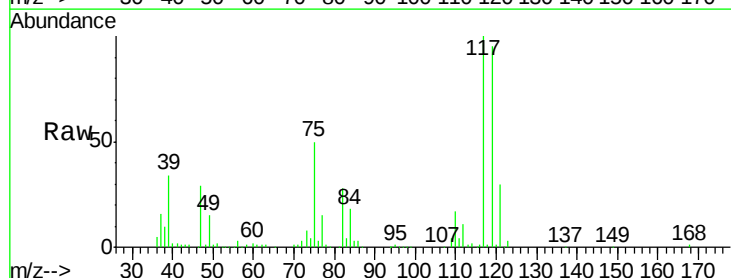
Instrument :
MSVOA_X
ClientSampleId :

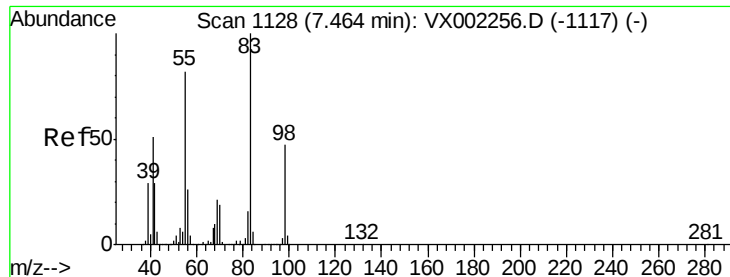
Tot Ion: 43 Resp: 203619
Ion Ratio Lower Upper
43 100
61 13.0 10.4 15.6
70 9.7 7.6 11.4



#38
Carbon Tetrachloride
Concen: 46.32 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX002567.D
Acq: 14 Jun 2018 22:31

Tgt Ion: 117 Resp: 174138
Ion Ratio Lower Upper
117 100
119 95.5 77.4 116.0
121 30.2 24.4 36.6

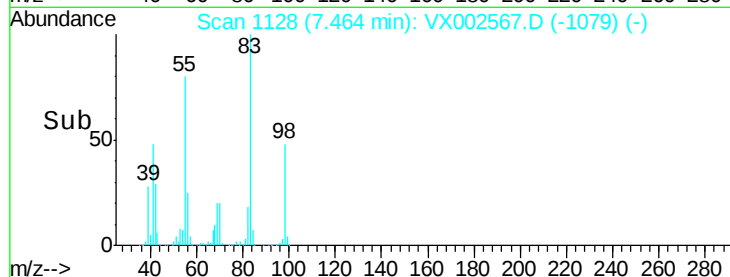
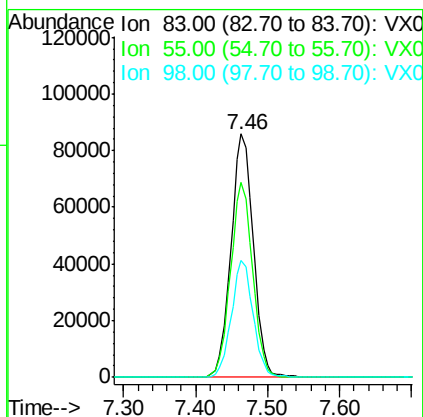
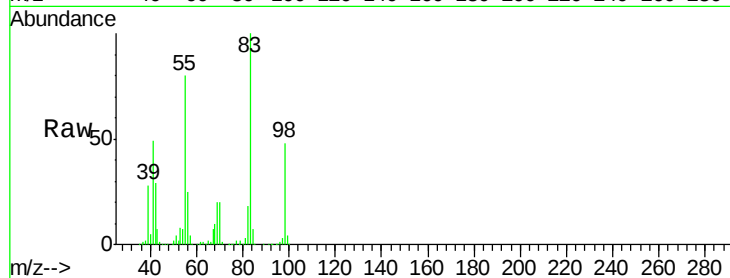




#39
Methvlcvclohexane
Concen: 41.90 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002567.D
Acq: 14 Jun 2018 22:31

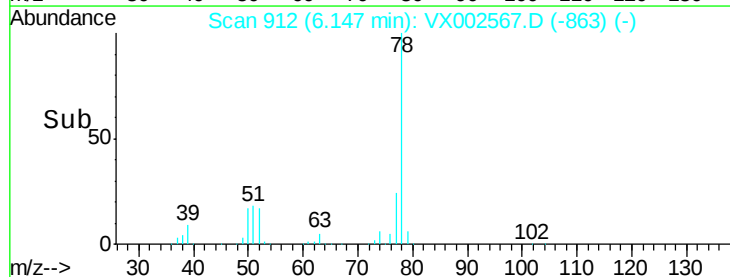
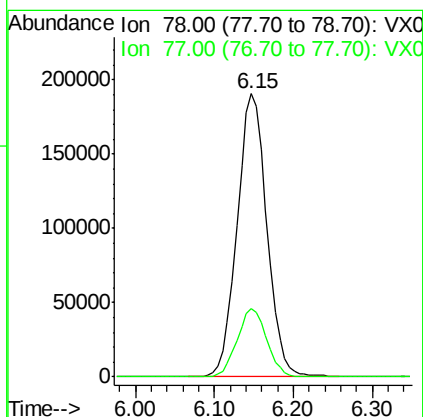
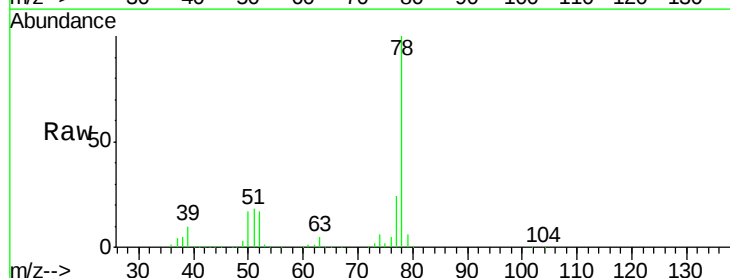
Instrument :
MSVOA_X
ClientSampled :

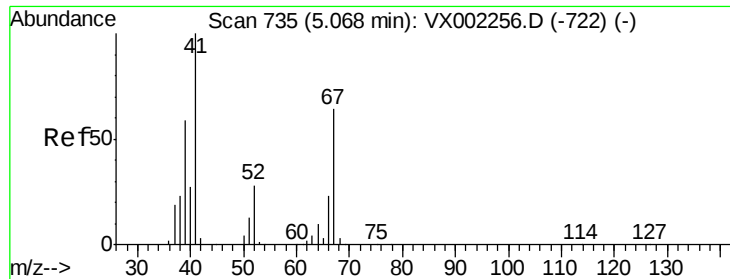
Tot Ion: 83 Resp: 185828
Ion Ratio Lower Upper
83 100
55 80.0 65.4 98.0
98 47.8 37.4 56.0



#40
Benzene
Concen: 45.44 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002567.D
Acq: 14 Jun 2018 22:31

Tgt Ion: 78 Resp: 500727
Ion Ratio Lower Upper
78 100
77 24.1 19.1 28.7

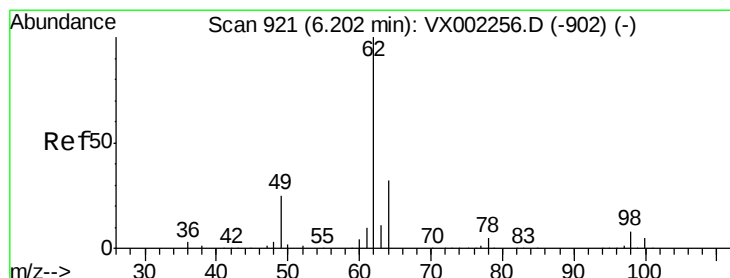
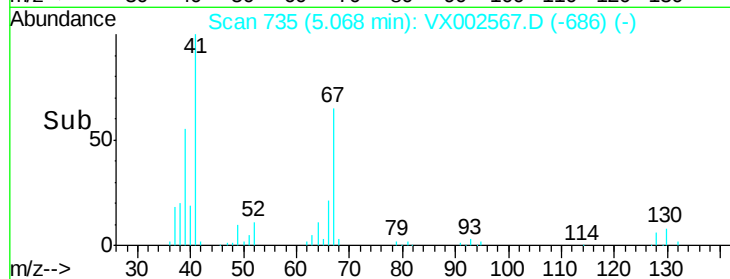
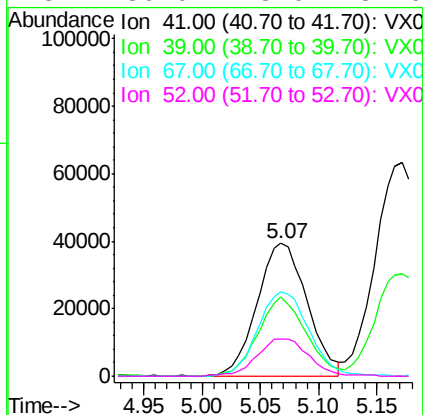
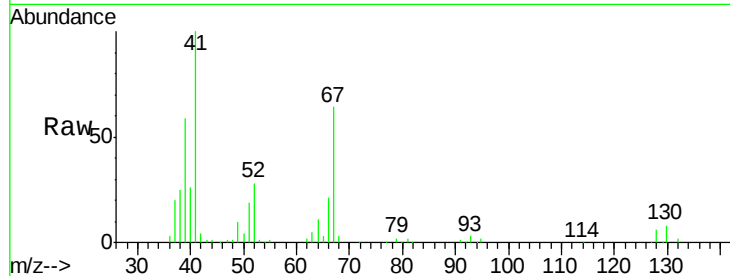




#41
Methacrylonitrile
Concen: 47.26 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002567.D
Acq: 14 Jun 2018 22:31

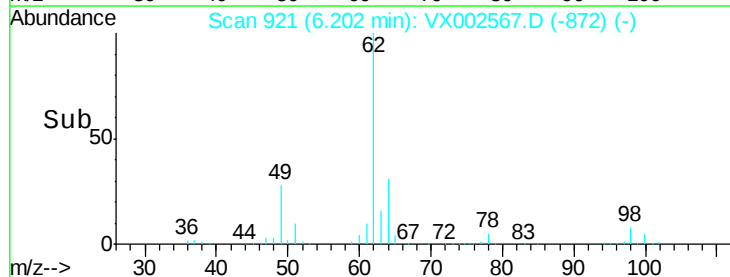
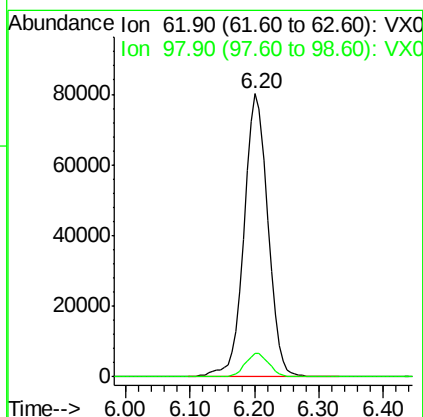
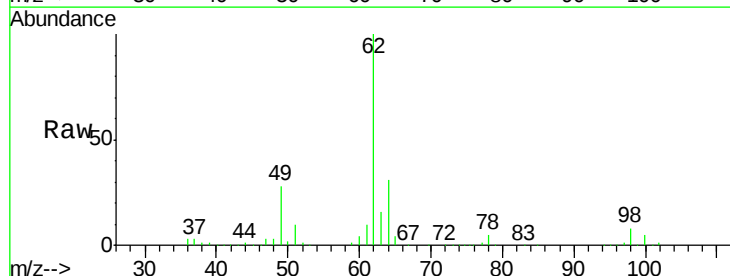
Instrument :
MSVOA_X
ClientSampled :

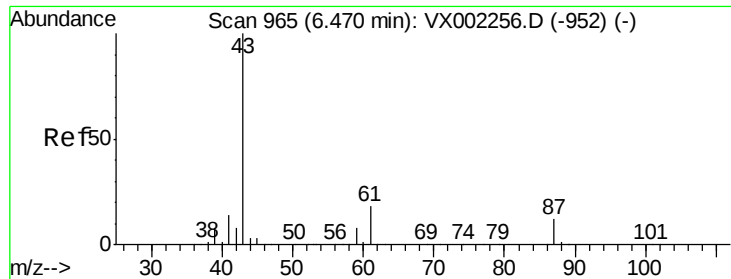
Tot Ion:	41	Resp:	116923
Ion	Ratio	Lower	Upper
41	100		
39	57.2	45.8	68.6
67	65.6	51.3	76.9
52	30.0	23.0	34.6



#42
1,2-Dichloroethane
Concen: 46.45 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002567.D
Acq: 14 Jun 2018 22:31

Tgt Ion:	62	Resp:	203356
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.6





#43

Isopropyl Acetate

Concen: 47.23 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002567.D

Acq: 14 Jun 2018 22:31

Instrument :

MSVOA_X

ClientSampleId :

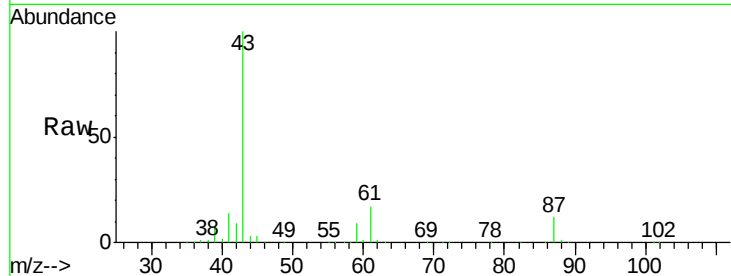
Tot Ion: 43 Resp: 346682

Ion Ratio Lower Upper

43 100

61 17.8 14.4 21.6

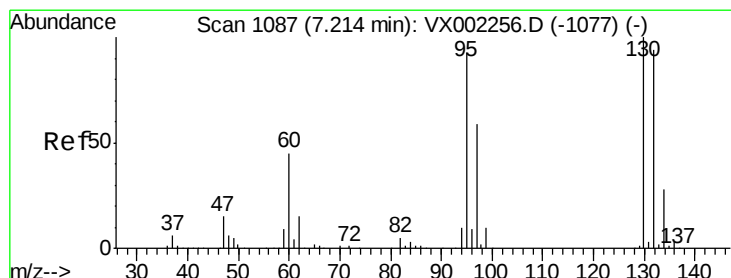
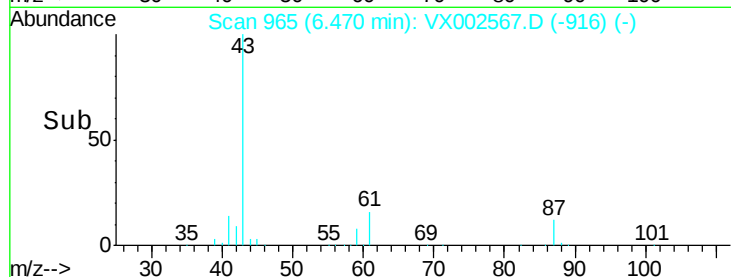
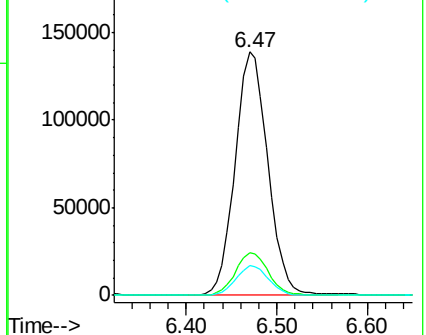
87 12.1 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 47.64 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX002567.D

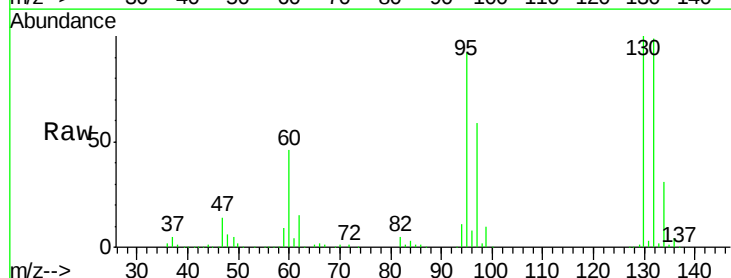
Acq: 14 Jun 2018 22:31

Tgt Ion:130 Resp: 145691

Ion Ratio Lower Upper

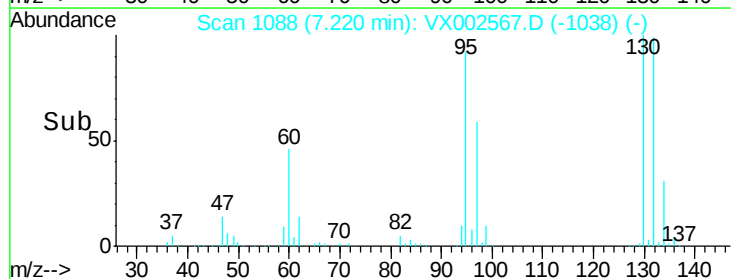
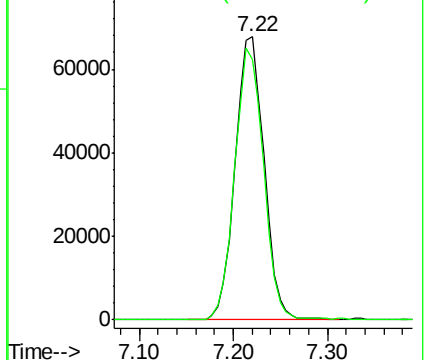
130 100

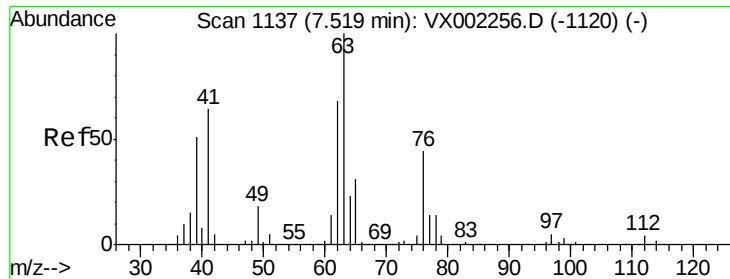
95 92.1 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 46.96 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX002567.D

Acq: 14 Jun 2018 22:31

Instrument :

MSVOA_X

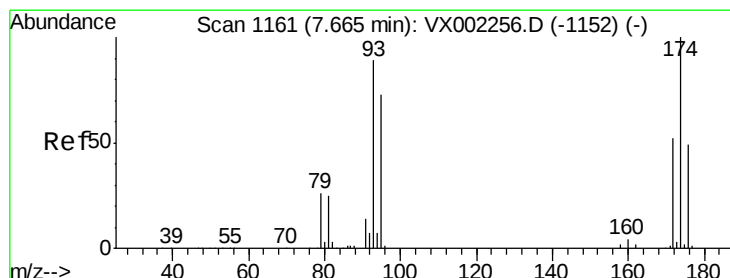
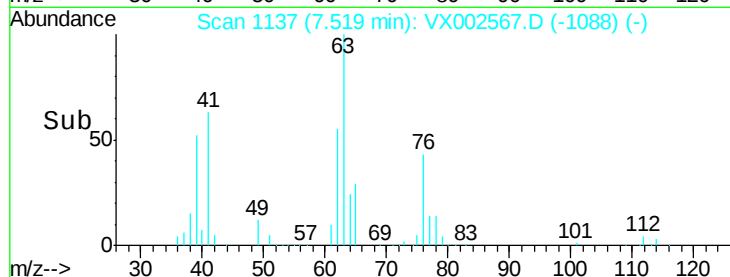
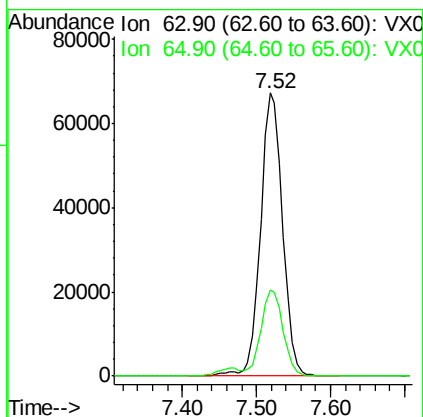
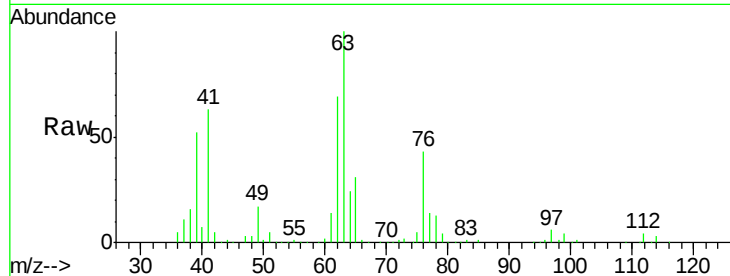
ClientSampleId :

Tot Ion: 63 Resp: 139703

Ion Ratio Lower Upper

63 100

65 30.4 24.7 37.1



#46

Dibromomethane

Concen: 46.34 ug/l

RT: 7.66 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002567.D

Acq: 14 Jun 2018 22:31

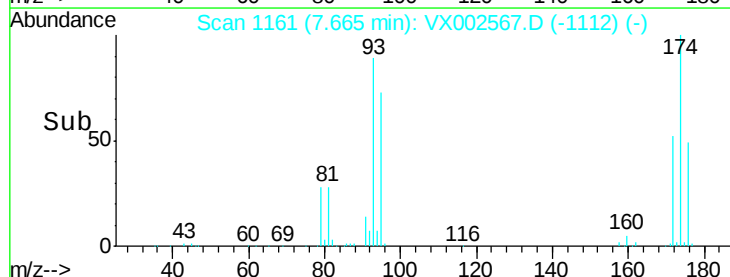
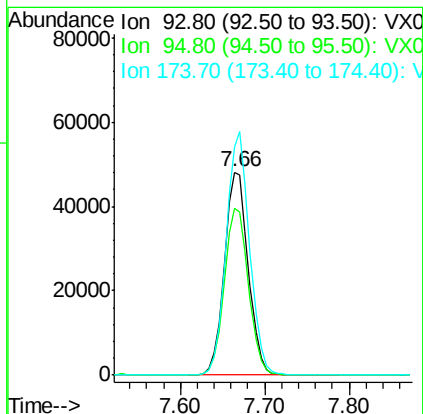
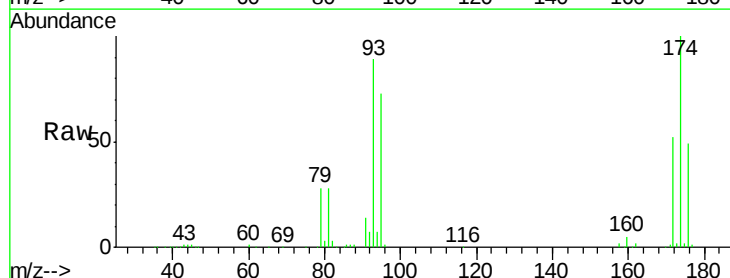
Tgt Ion: 93 Resp: 93451

Ion Ratio Lower Upper

93 100

95 83.3 65.9 98.9

174 116.8 92.4 138.6





#47

Bromodichloromethane

Concen: 47.98 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002567.D

Acq: 14 Jun 2018 22:31

Instrument :
MSVOA_X
ClientSampleId :

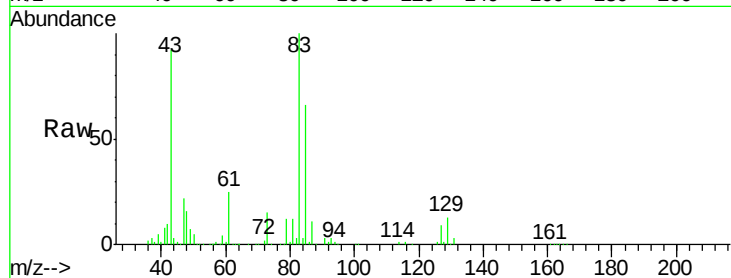
Tot Ion: 83 Resp: 175015

Ion Ratio Lower Upper

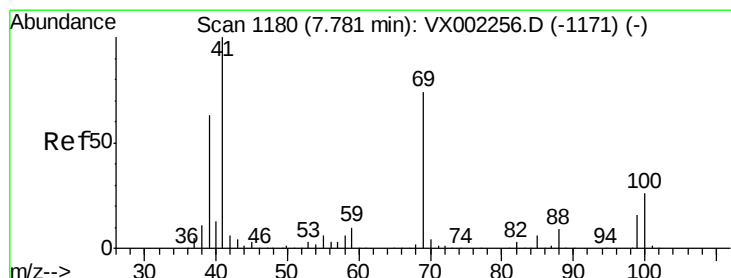
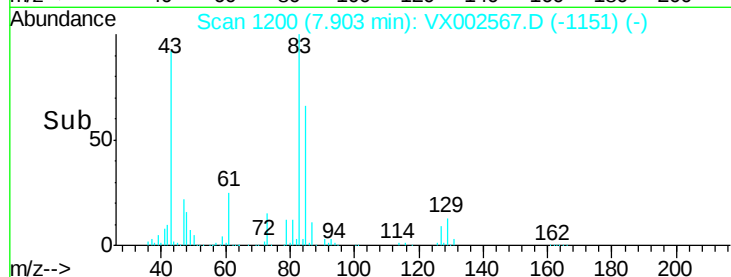
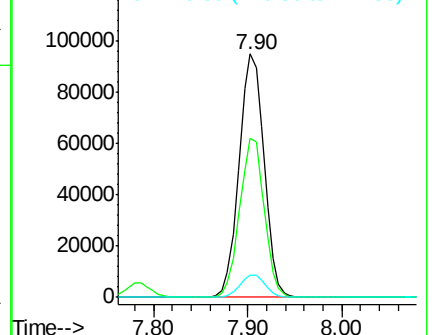
83 100

85 65.5 50.3 75.5

127 9.2 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 47.51 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002567.D

Acq: 14 Jun 2018 22:31

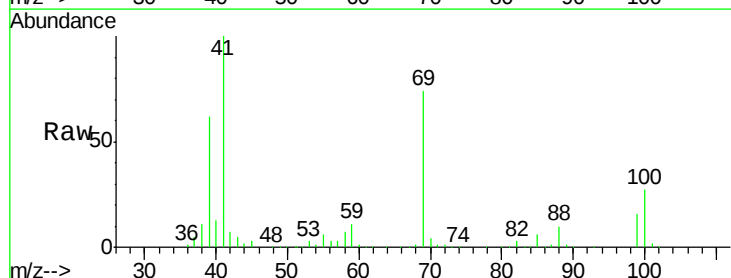
Tgt Ion: 41 Resp: 175184

Ion Ratio Lower Upper

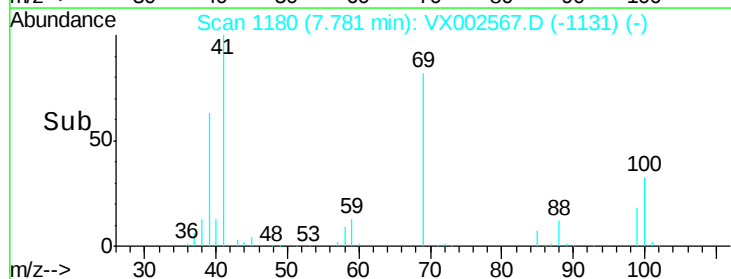
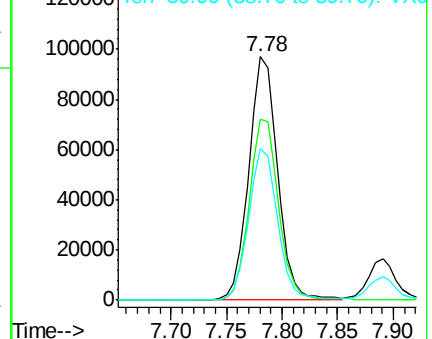
41 100

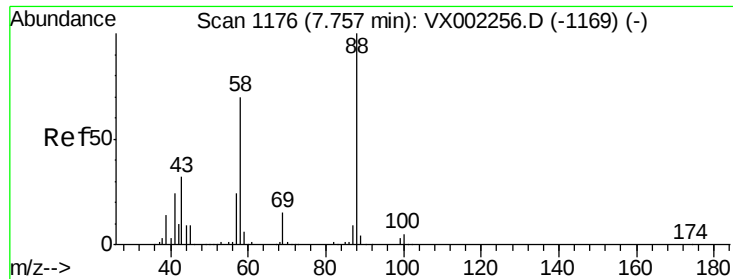
69 76.1 59.1 88.7

39 62.6 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: 892.22 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.01 min

Lab File: VX002567.D

Acq: 14 Jun 2018 22:31

Instrument :
MSVOA_X
ClientSampleId :

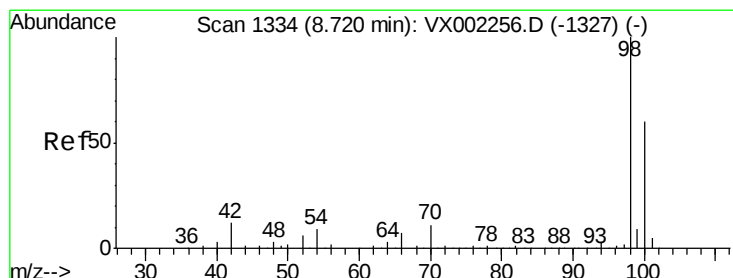
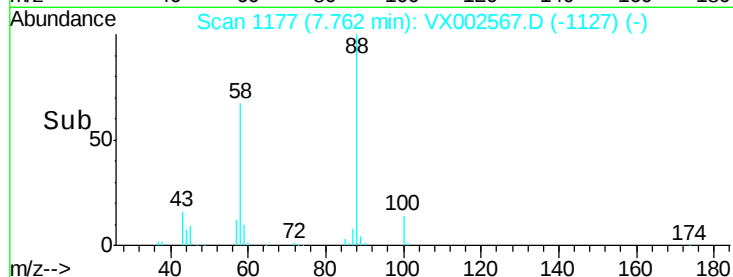
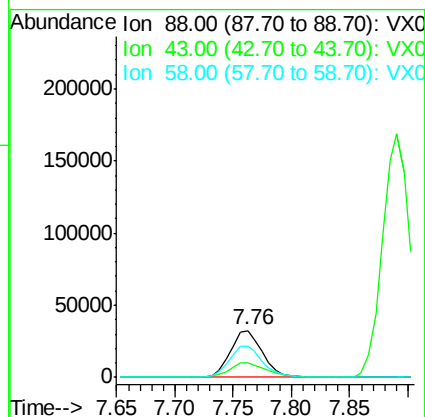
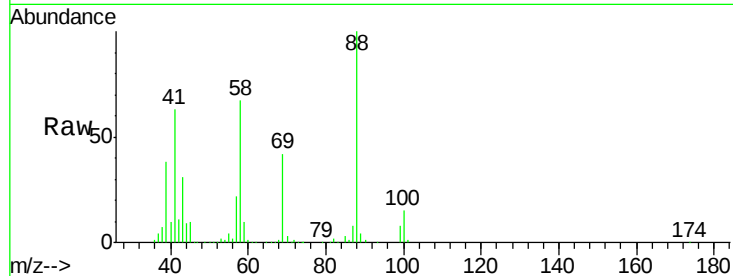
Tot Ion: 88 Resp: 61516

Ion Ratio Lower Upper

88 100

43 35.6 29.8 44.6

58 70.1 57.1 85.7



#50

Toluene-d8

Concen: 43.19 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002567.D

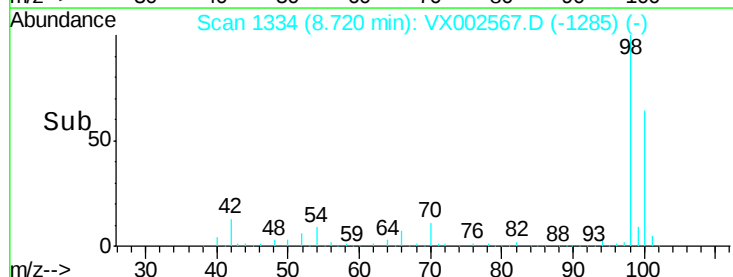
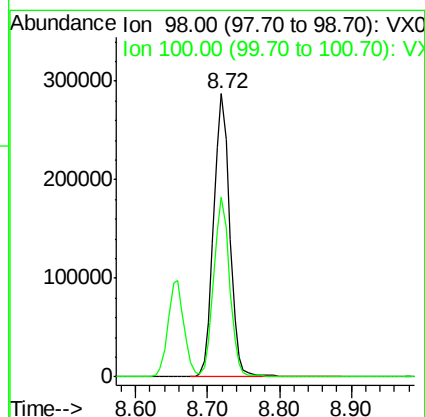
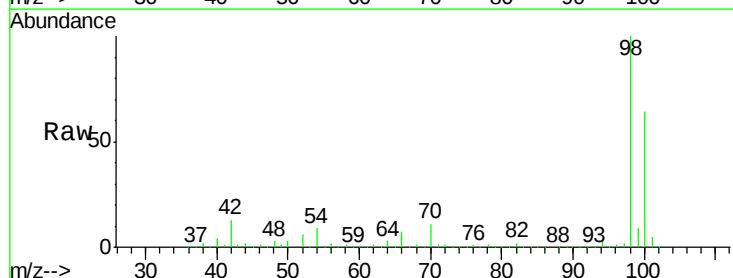
Acq: 14 Jun 2018 22:31

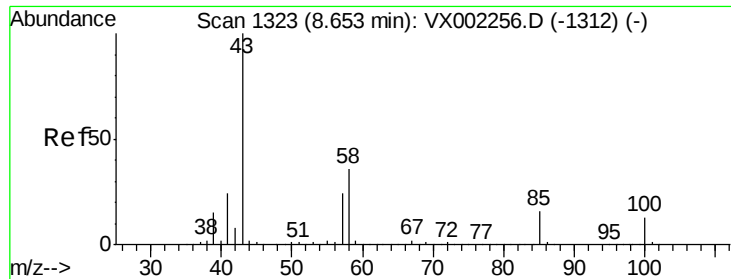
Tgt Ion: 98 Resp: 445052

Ion Ratio Lower Upper

98 100

100 63.1 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 246.04 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002567.D

Acq: 14 Jun 2018 22:31

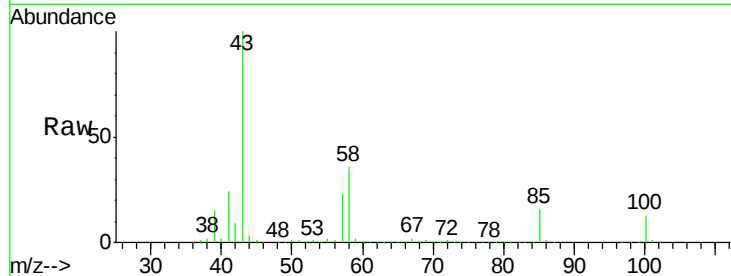
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1124808

Ion Ratio Lower Upper

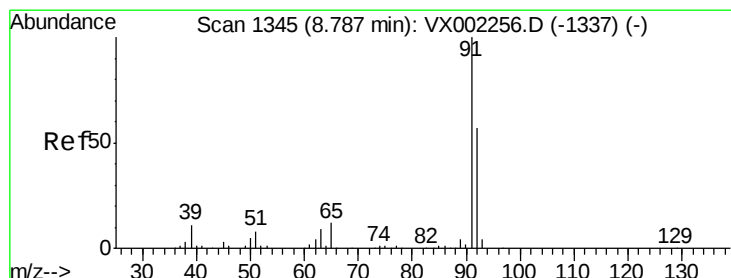
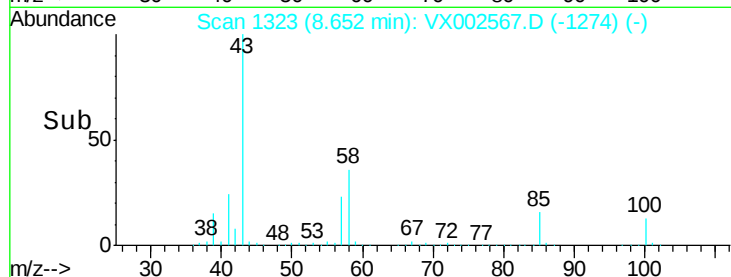
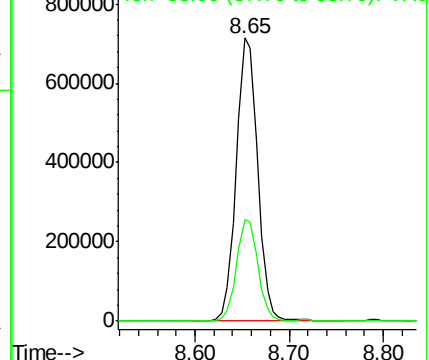
43 100

58 35.8 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 46.77 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002567.D

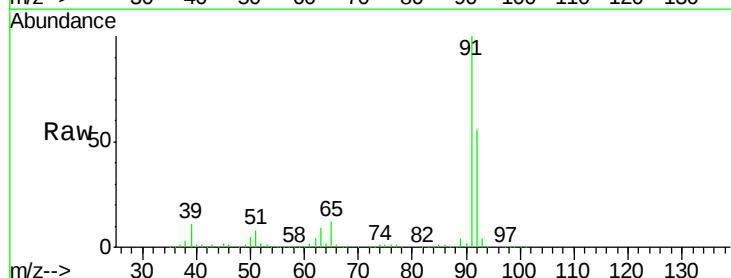
Acq: 14 Jun 2018 22:31

Tgt Ion: 92 Resp: 327796

Ion Ratio Lower Upper

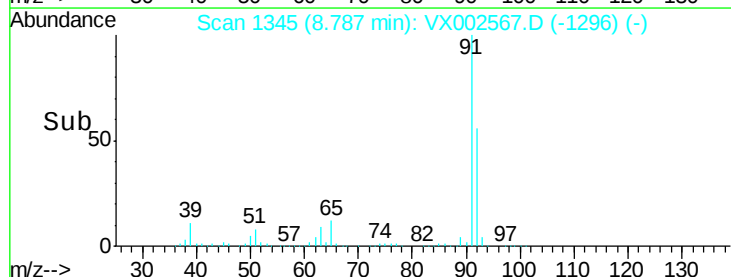
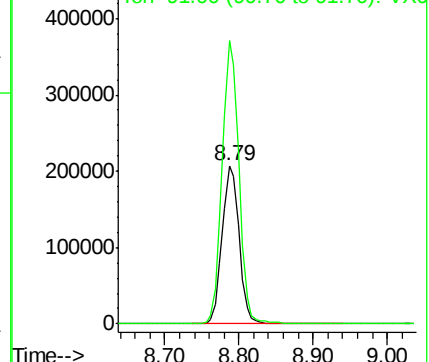
92 100

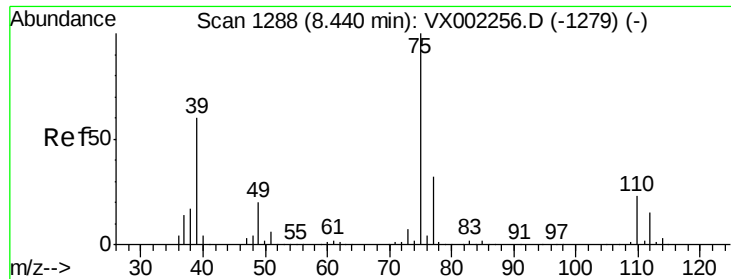
91 176.4 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 46.52 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002567.D

Acq: 14 Jun 2018 22:31

Instrument :

MSVOA_X

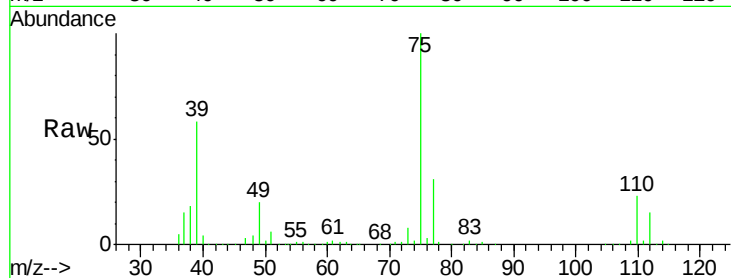
ClientSampled :

Tot Ion: 75 Resp: 203474

Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.44

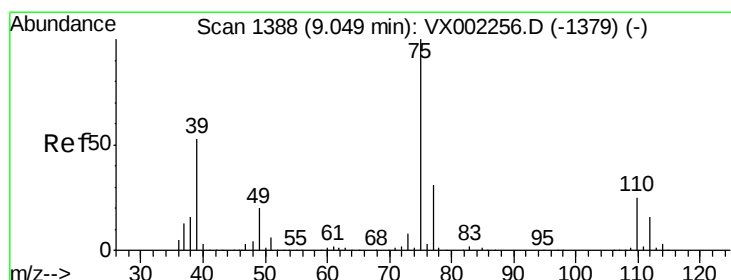
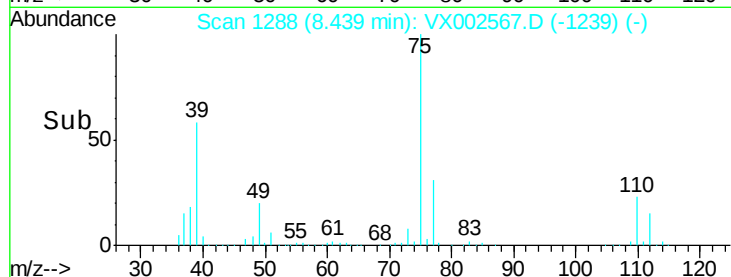
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 46.44 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX002567.D

Acq: 14 Jun 2018 22:31

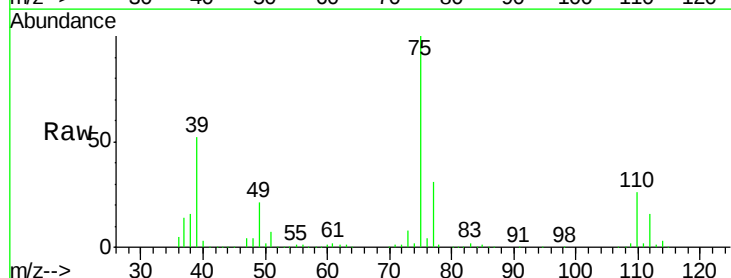
Tgt Ion: 75 Resp: 191633

Ion Ratio Lower Upper

75 100

77 31.3 24.8 37.2

39 52.2 42.4 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

9.05

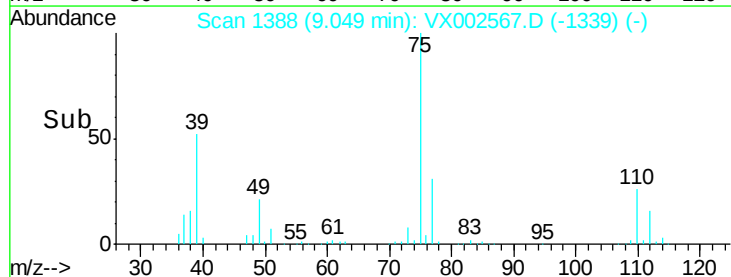
150000

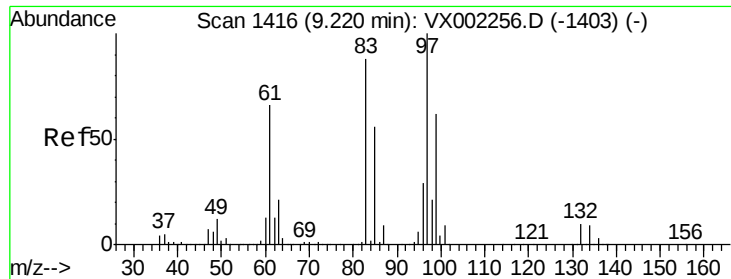
100000

50000

0

Time-->

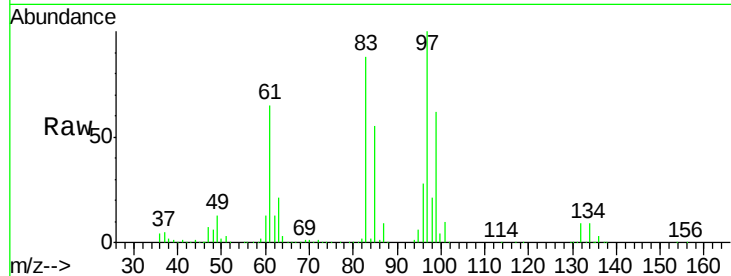




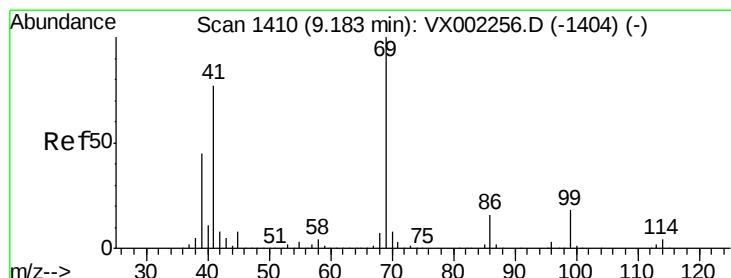
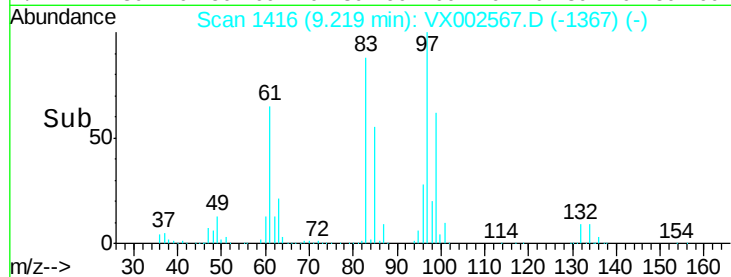
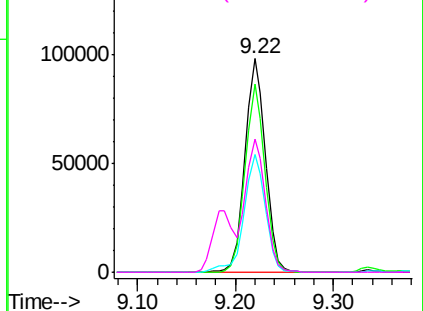
#55
 1,1,2-Trichloroethane
 Concen: 49.63 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002567.D
 Acq: 14 Jun 2018 22:31

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 97 Resp: 143050
 Ion Ratio Lower Upper
 97 100
 83 87.9 70.2 105.2
 85 55.0 44.9 67.3
 99 62.1 49.8 74.8

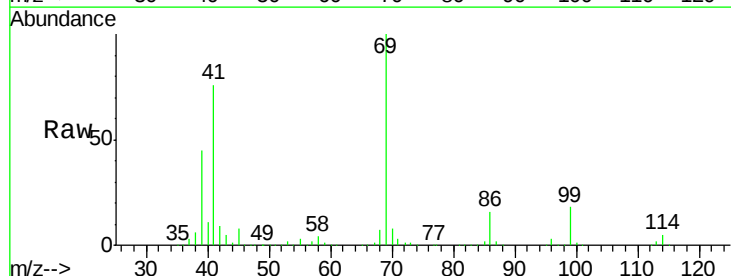


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

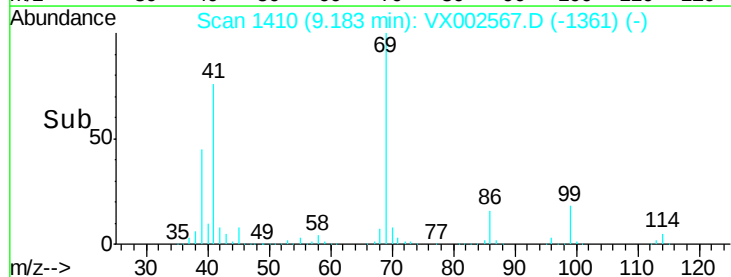
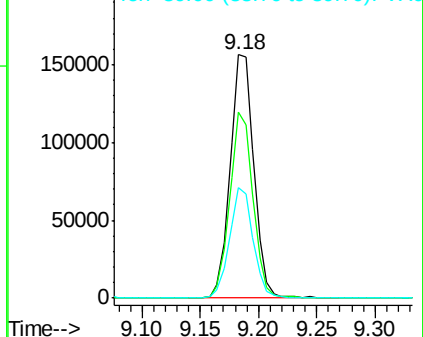


#56
 Ethyl methacrylate
 Concen: 48.42 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002567.D
 Acq: 14 Jun 2018 22:31

Tgt Ion: 69 Resp: 222831
 Ion Ratio Lower Upper
 69 100
 41 74.3 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: 48.21 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002567.D

Acq: 14 Jun 2018 22:31

Instrument :

MSVOA_X

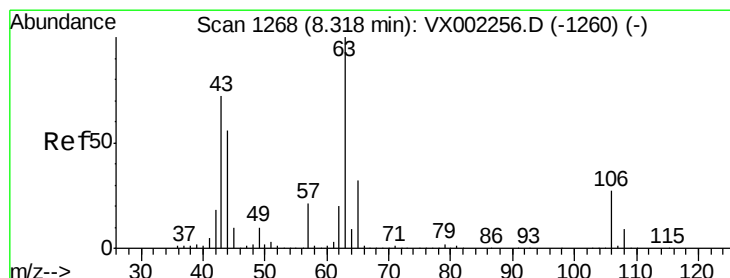
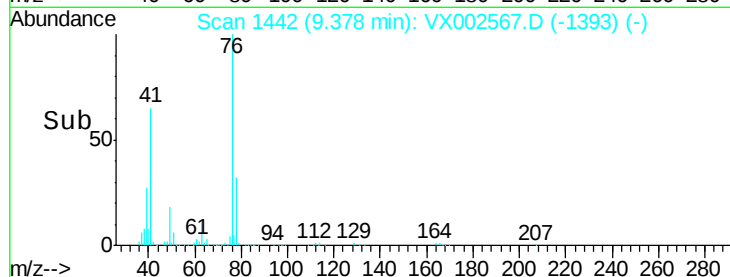
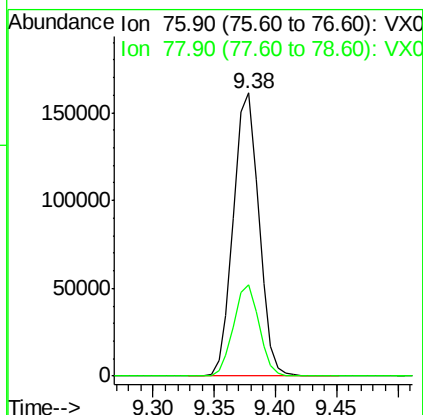
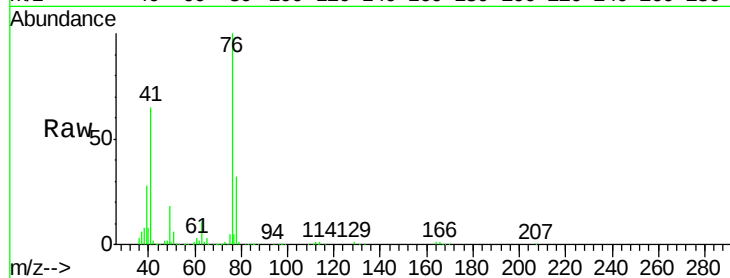
ClientSampleId :

Tot Ion: 76 Resp: 233149

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 251.61 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002567.D

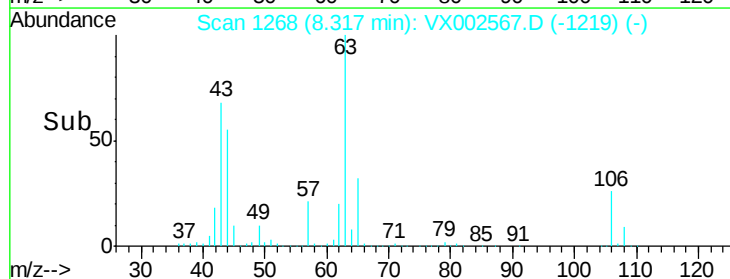
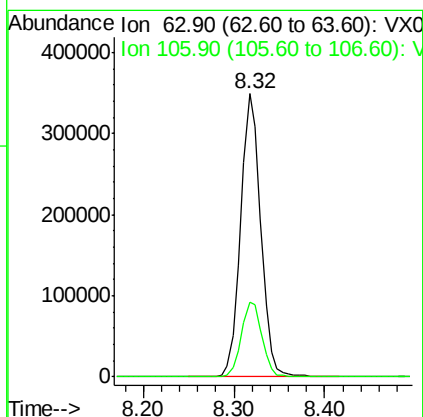
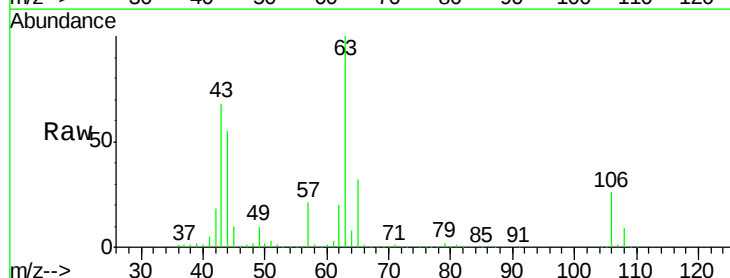
Acq: 14 Jun 2018 22:31

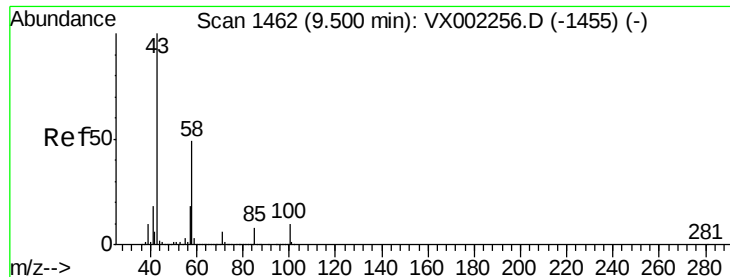
Tgt Ion: 63 Resp: 535923

Ion Ratio Lower Upper

63 100

106 27.5 21.8 32.8

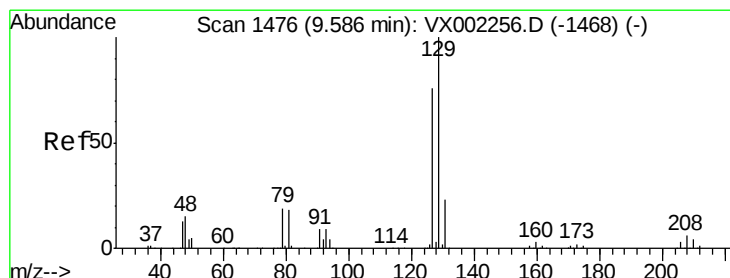
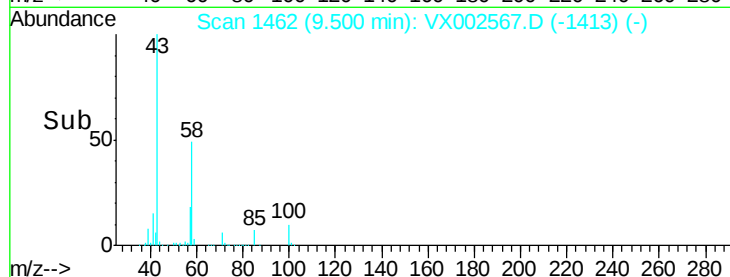
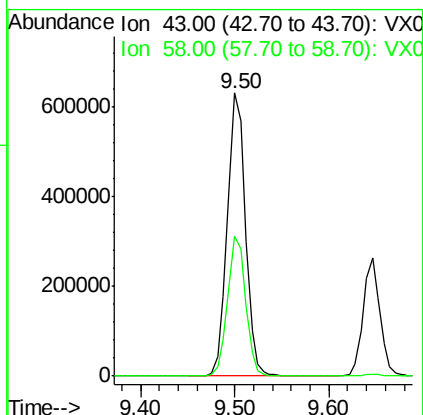
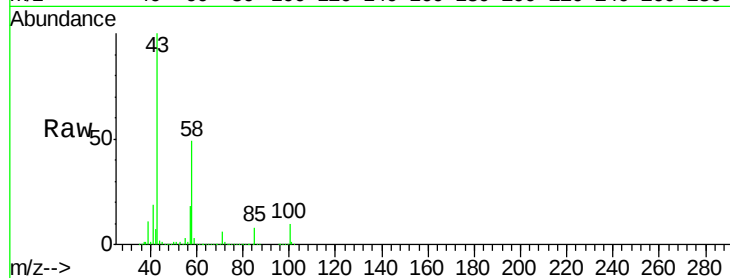




#59
2-Hexanone
Concen: 240.09 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002567.D
Acq: 14 Jun 2018 22:31

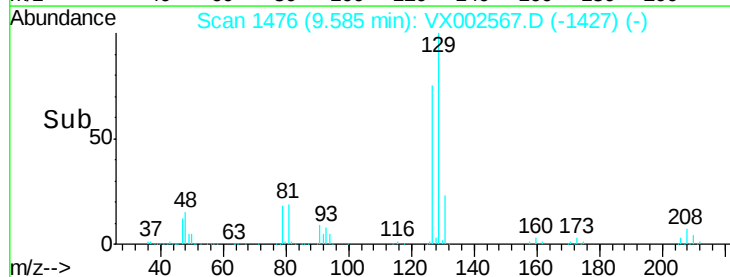
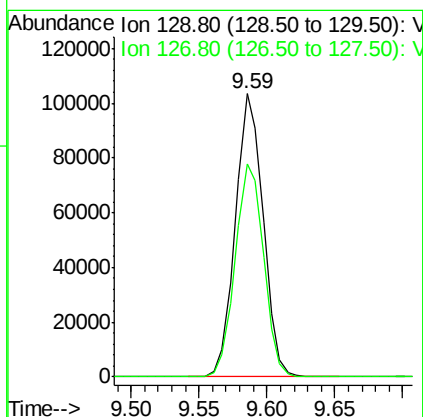
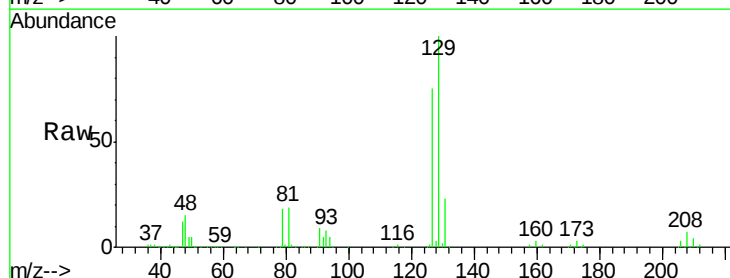
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 847782
Ion Ratio Lower Upper
43 100
58 49.7 24.6 73.6



#60
Dibromochloromethane
Concen: 50.71 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002567.D
Acq: 14 Jun 2018 22:31

Tgt Ion: 129 Resp: 147024
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.3





#61

1,2-Dibromoethane

Concen: 49.24 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002567.D

Acq: 14 Jun 2018 22:31

Instrument :

MSVOA_X

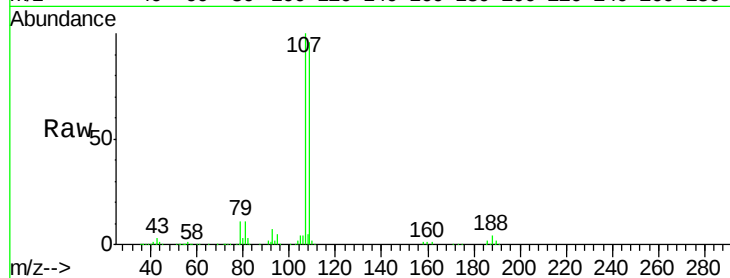
ClientSampleId :

Tot Ion:107 Resp: 147979

Ion Ratio Lower Upper

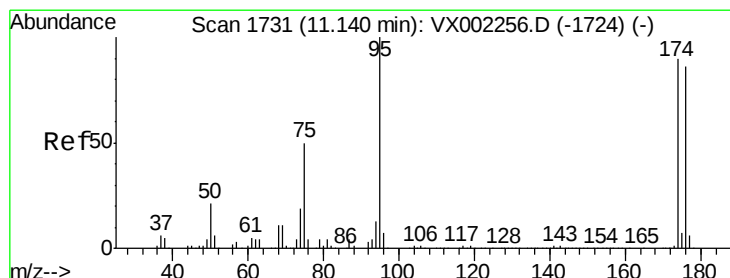
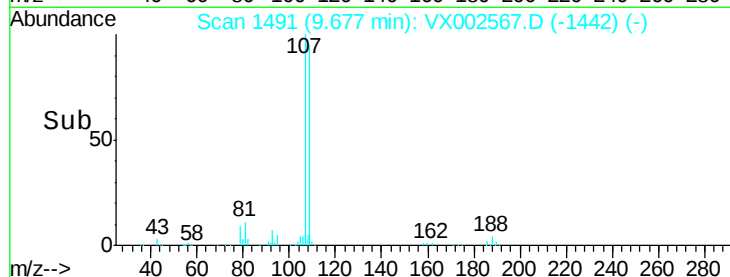
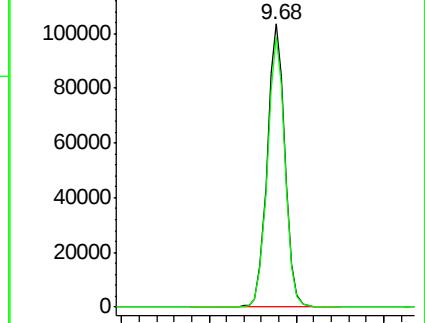
107 100

109 95.2 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 43.43 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002567.D

Acq: 14 Jun 2018 22:31

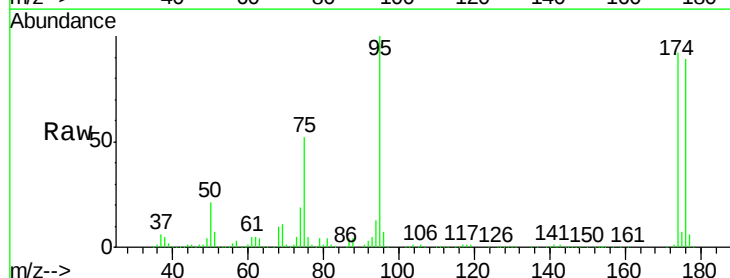
Tgt Ion: 95 Resp: 172585

Ion Ratio Lower Upper

95 100

174 96.3 0.0 187.4

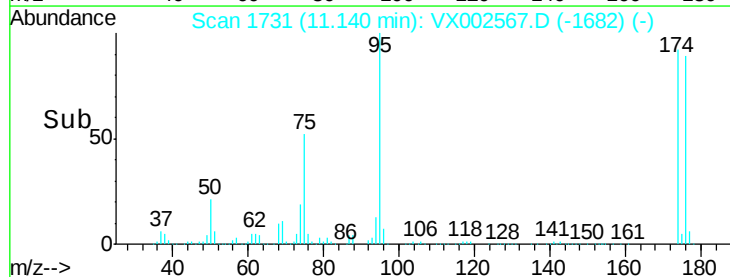
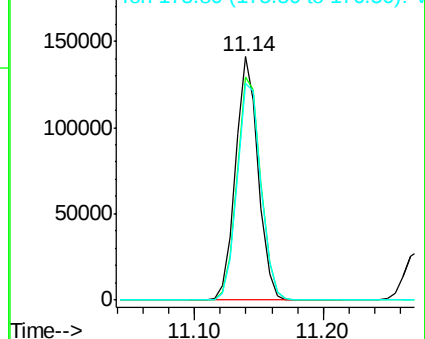
176 94.2 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

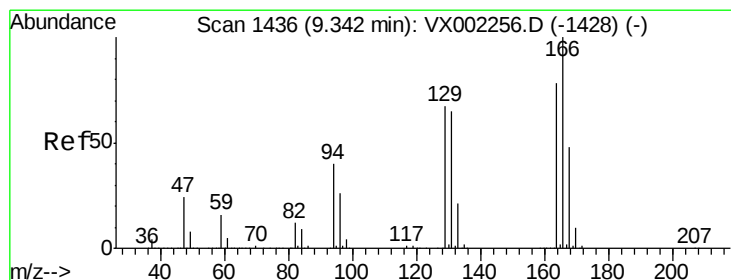
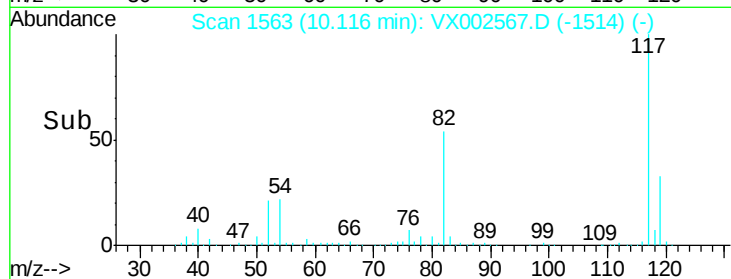
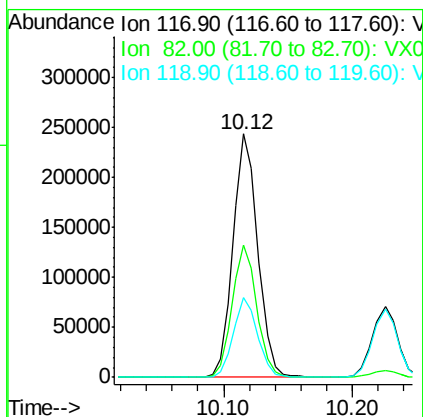
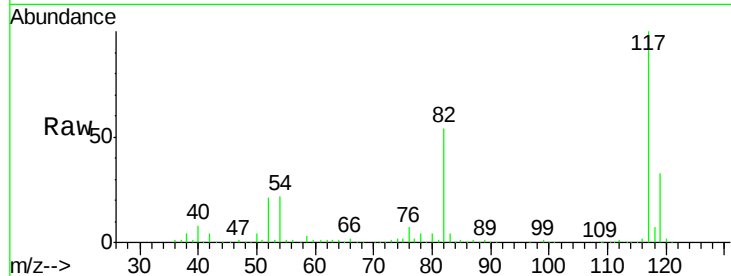




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002567.D
Acq: 14 Jun 2018 22:31

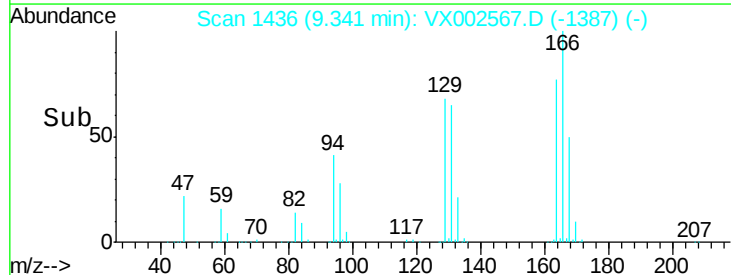
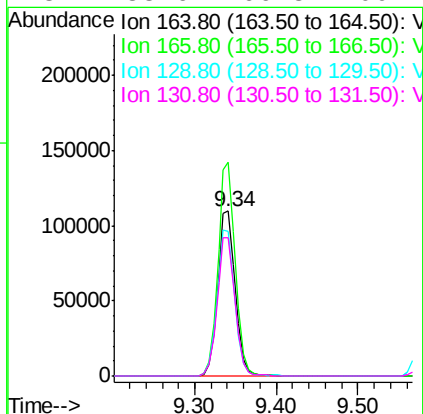
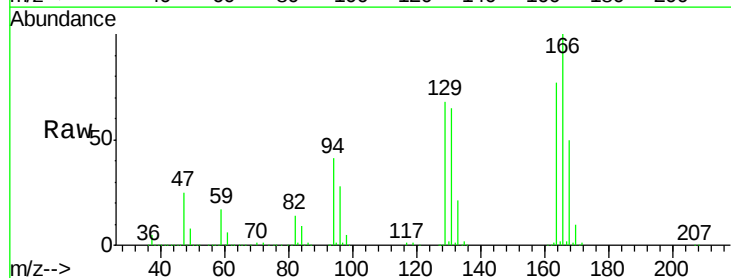
Instrument :
MSVOA_X
ClientSampleId :

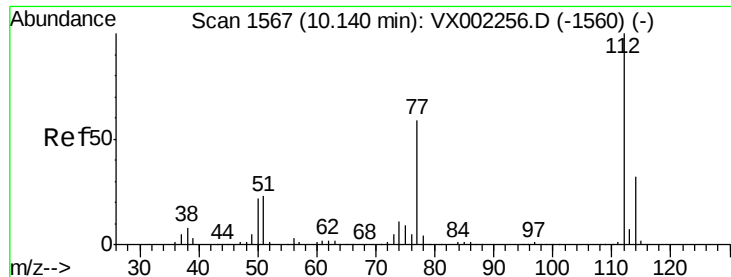
Tot Ion:117 Resp: 327363
Ion Ratio Lower Upper
117 100
82 54.5 45.0 67.4
119 32.7 25.8 38.6



#64
Tetrachloroethene
Concen: 49.18 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002567.D
Acq: 14 Jun 2018 22:31

Tgt Ion:164 Resp: 166054
Ion Ratio Lower Upper
164 100
166 129.6 102.9 154.3
129 87.7 68.6 102.8
131 83.6 66.8 100.2





#65

Chlorobenzene

Concen: 47.72 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX002567.D

Acq: 14 Jun 2018 22:31

Instrument :

MSVOA_X

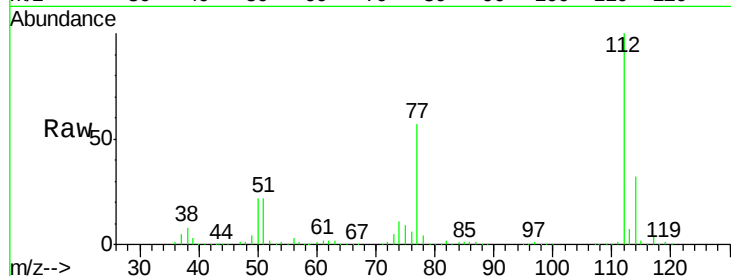
ClientSampleId :

Tot Ion:112 Resp: 388676

Ion Ratio Lower Upper

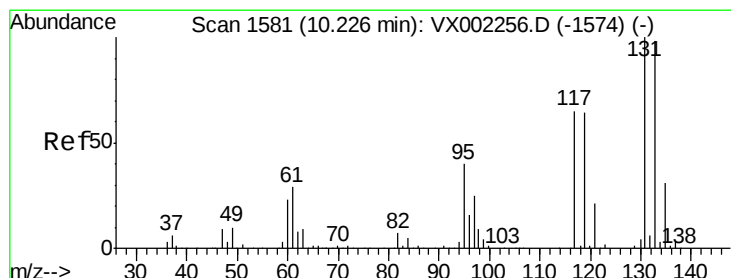
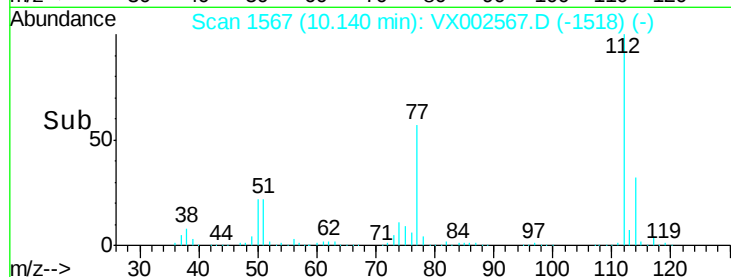
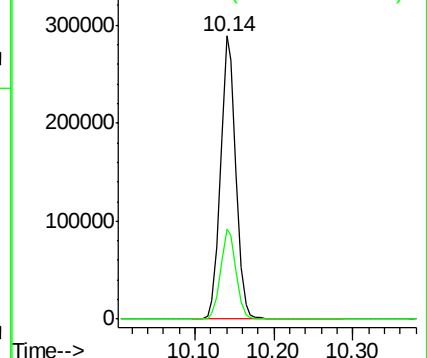
112 100

114 31.7 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: 49.58 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002567.D

Acq: 14 Jun 2018 22:31

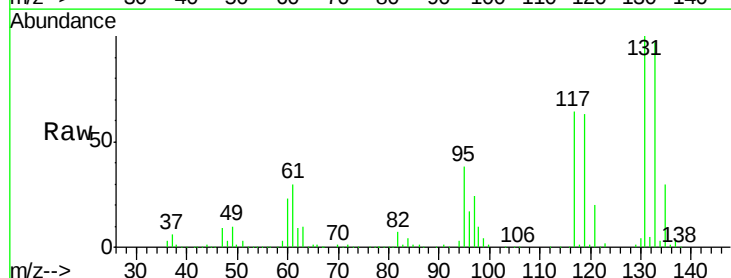
Tgt Ion:131 Resp: 146232

Ion Ratio Lower Upper

131 100

133 96.1 47.9 143.6

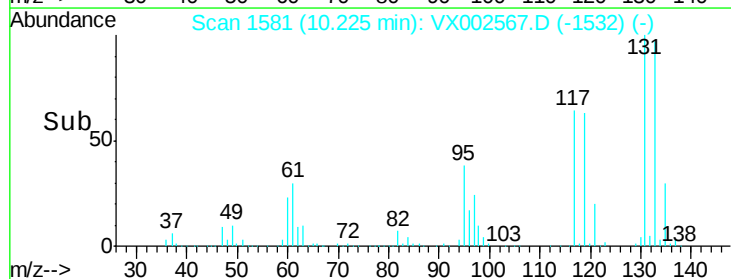
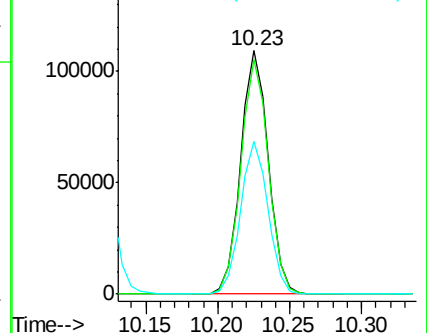
119 62.4 31.8 95.3

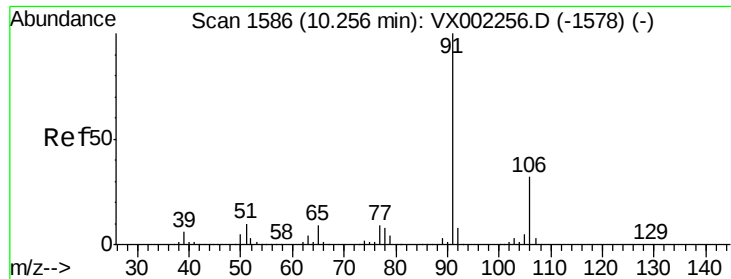


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

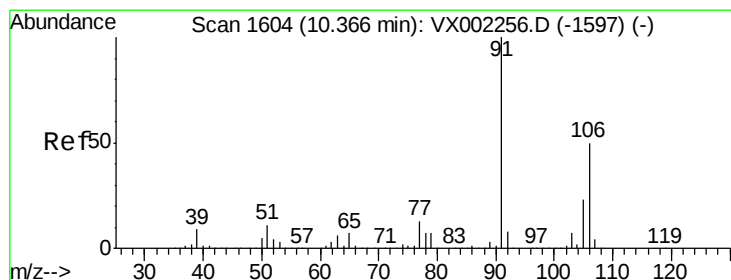
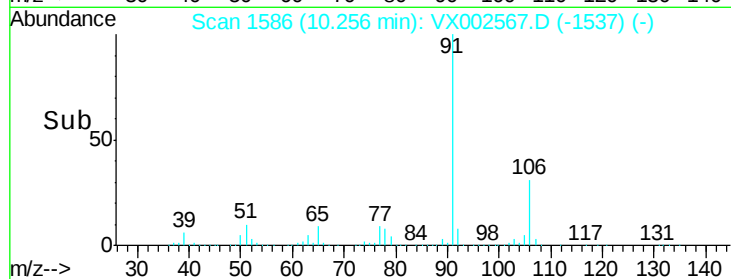
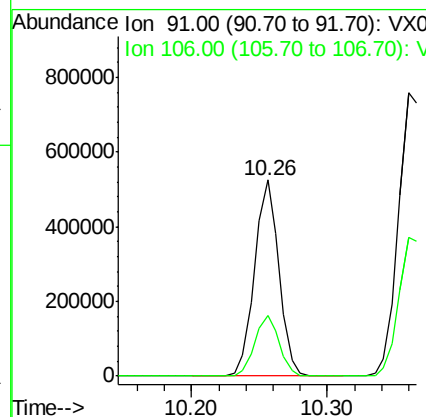
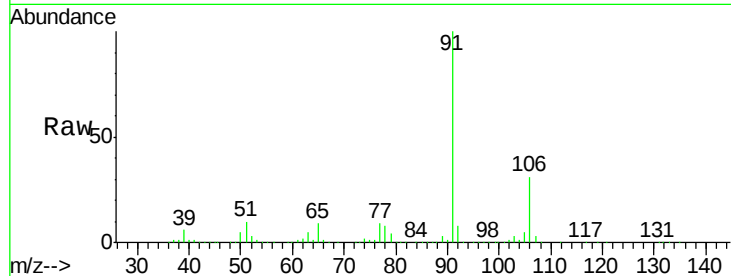




#67
Ethyl Benzene
Concen: 48.59 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002567.D
Acq: 14 Jun 2018 22:31

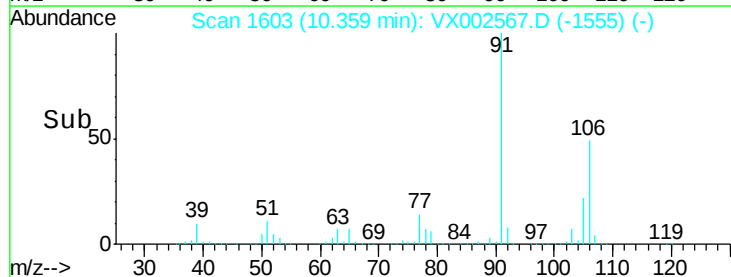
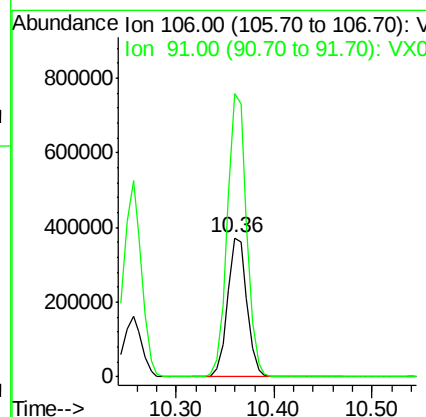
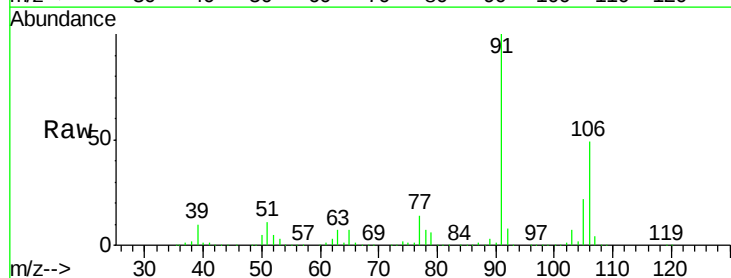
Instrument :
MSVOA_X
ClientSampleId :

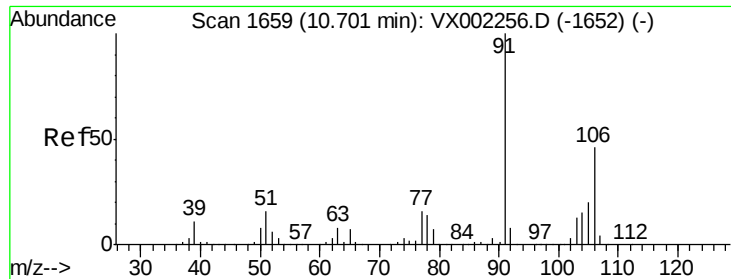
Tot Ion: 91 Resp: 662316
Ion Ratio Lower Upper
91 100
106 30.9 25.5 38.3



#68
m/p-Xylenes
Concen: 95.89 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX002567.D
Acq: 14 Jun 2018 22:31

Tgt Ion: 106 Resp: 508140
Ion Ratio Lower Upper
106 100
91 204.0 163.4 245.2

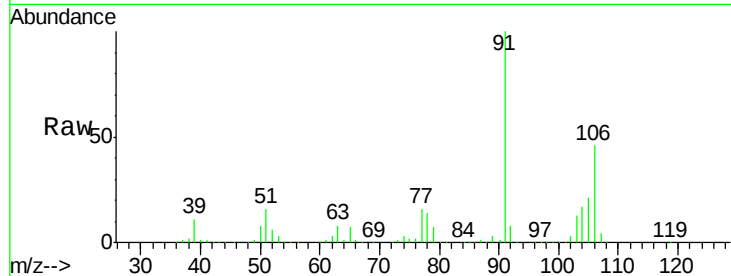




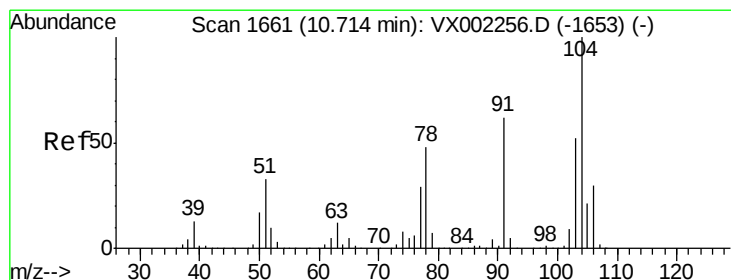
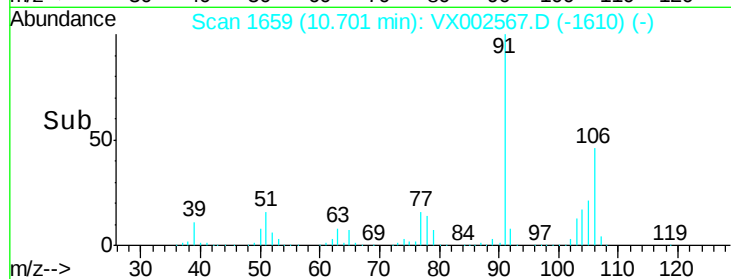
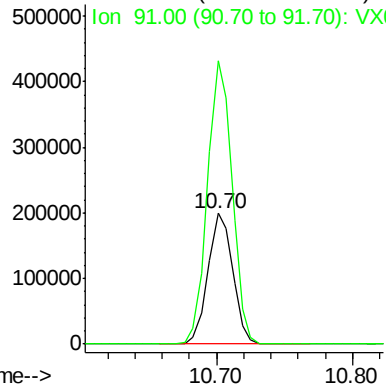
#69
o-Xylene
Concen: 48.04 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002567.D
Acq: 14 Jun 2018 22:31

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 253312
Ion Ratio Lower Upper
106 100
91 215.4 108.2 324.6

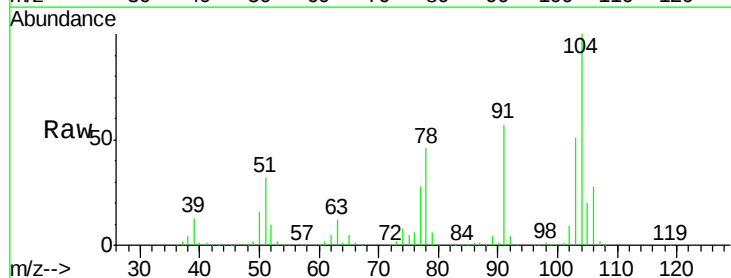


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

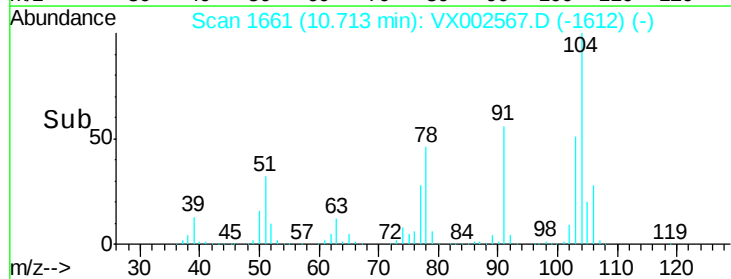
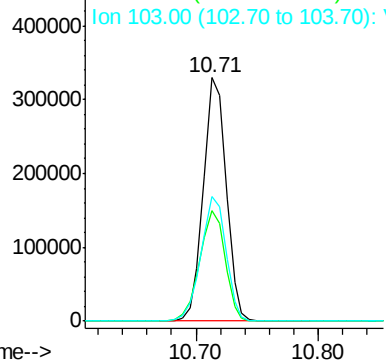


#70
Styrene
Concen: 49.32 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002567.D
Acq: 14 Jun 2018 22:31

Tgt Ion:104 Resp: 425189
Ion Ratio Lower Upper
104 100
78 50.8 41.0 61.6
103 55.9 44.2 66.4



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





#71

Bromoform

Concen: 43.52 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002567.D

Acq: 14 Jun 2018 22:31

Instrument :

MSVOA_X

ClientSampled :

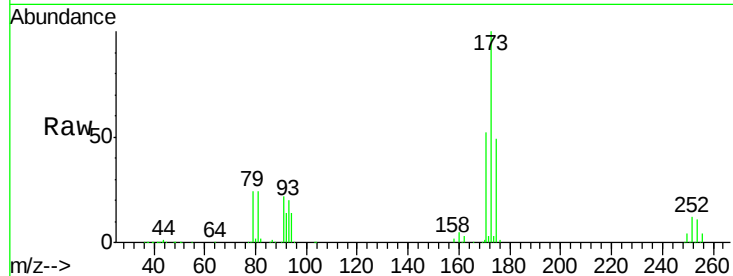
Tot Ion:173 Resp: 113680

Ion Ratio Lower Upper

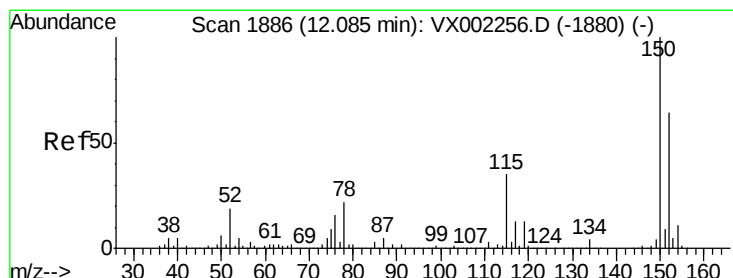
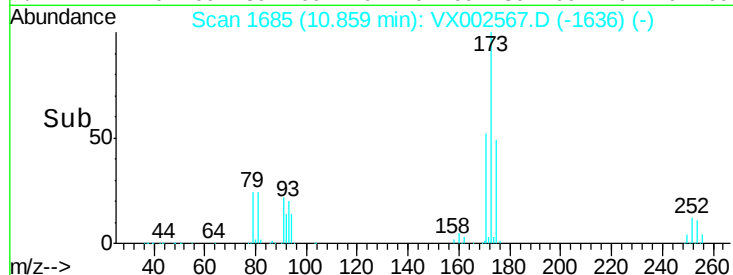
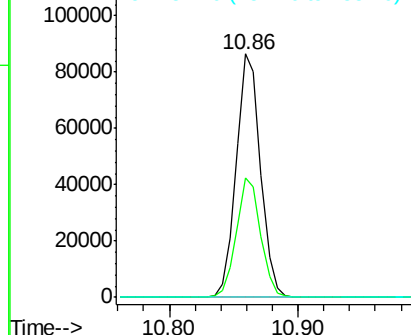
173 100

175 49.0 24.7 74.1

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002567.D

Acq: 14 Jun 2018 22:31

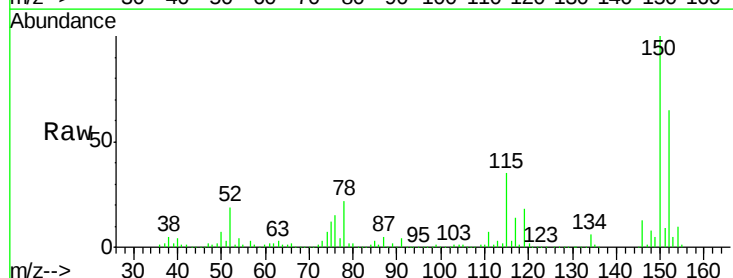
Tgt Ion:152 Resp: 210317

Ion Ratio Lower Upper

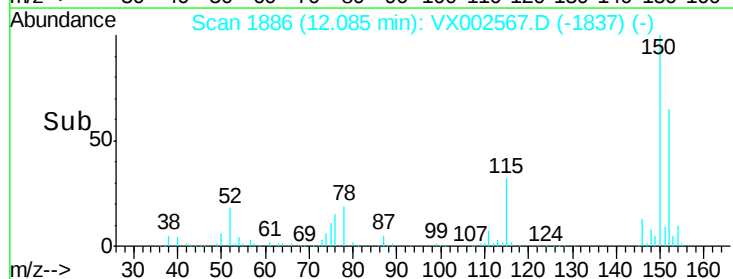
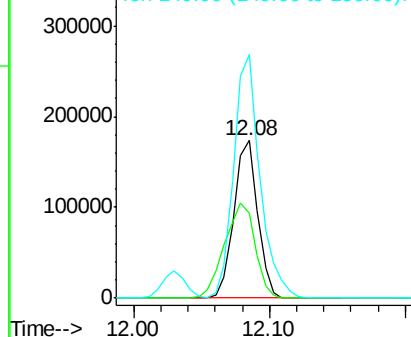
152 100

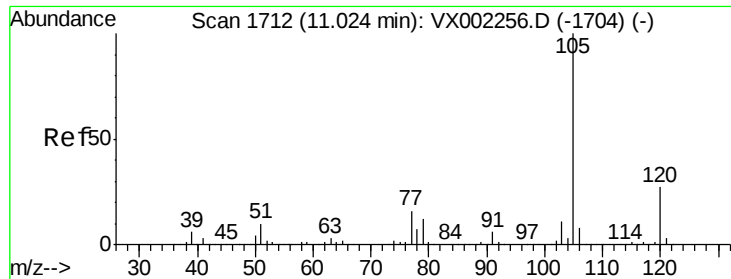
115 77.5 40.1 120.2

150 171.6 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: 46.90 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002567.D

Acq: 14 Jun 2018 22:31

Instrument :

MSVOA_X

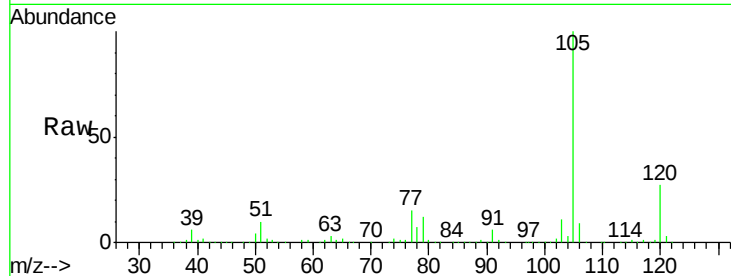
ClientSampled :

Tot Ion:105 Resp: 686136

Ion Ratio Lower Upper

105 100

120 27.2 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

300000

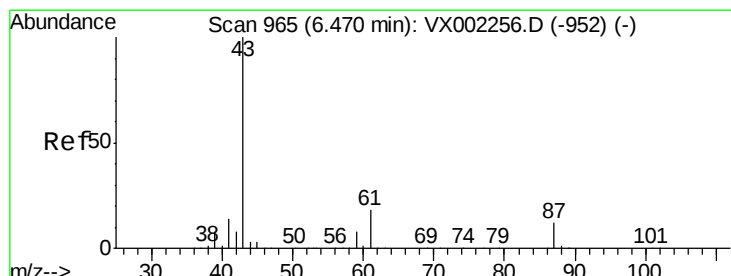
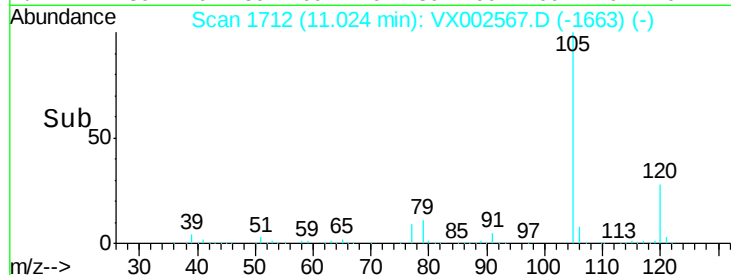
200000

100000

0

11.02

Time-->



#74

N-ethyl acetate

Concen: 43.98 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002567.D

Acq: 14 Jun 2018 22:31

Tgt Ion: 43 Resp: 346682

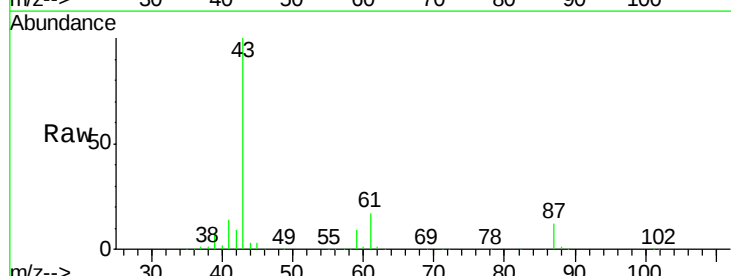
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 17.8 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

200000

150000

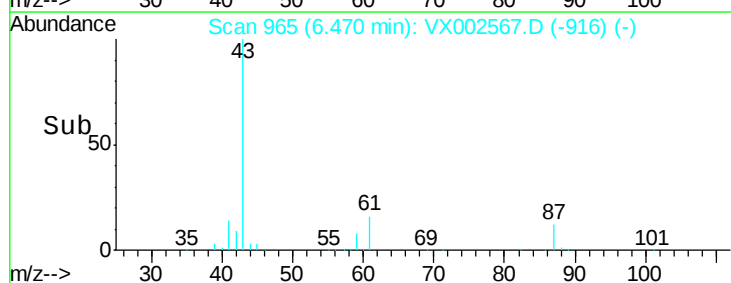
100000

50000

0

6.47

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 45.88 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002567.D

Acq: 14 Jun 2018 22:31

Instrument :

MSVOA_X

ClientSampleId :

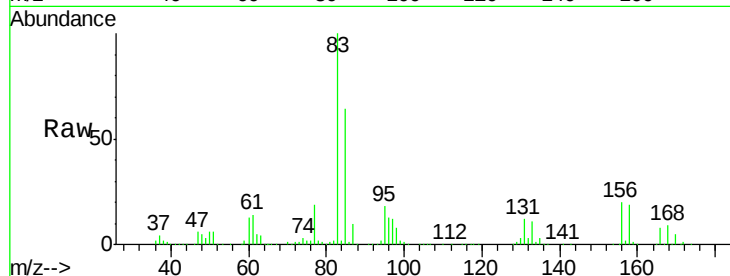
Tot Ion: 83 Resp: 211138

Ion Ratio Lower Upper

83 100

131 11.2 5.6 16.8

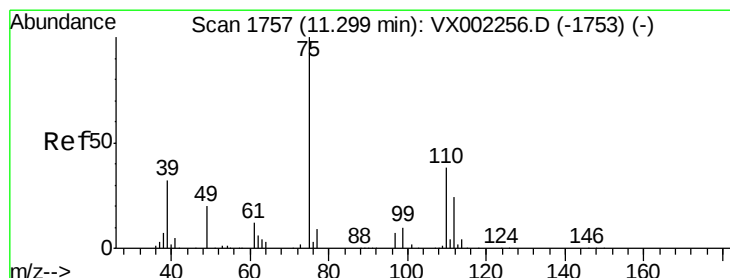
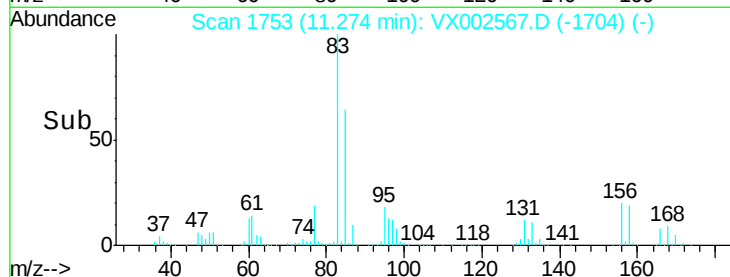
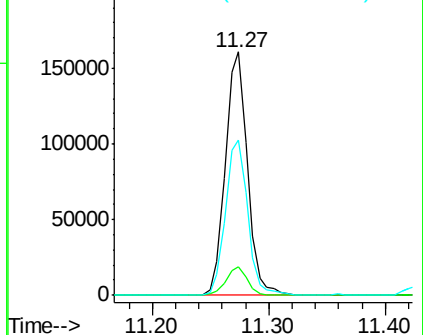
85 64.4 32.4 97.2



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: 52.98 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002567.D

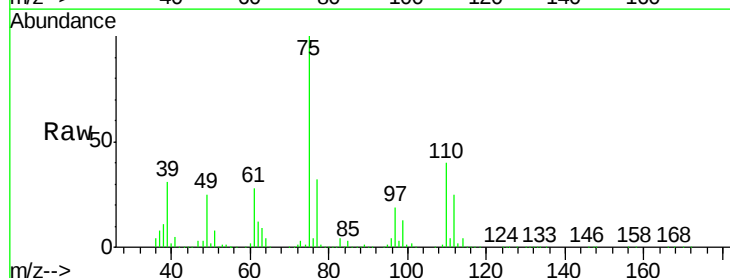
Acq: 14 Jun 2018 22:31

Tgt Ion: 75 Resp: 244475

Ion Ratio Lower Upper

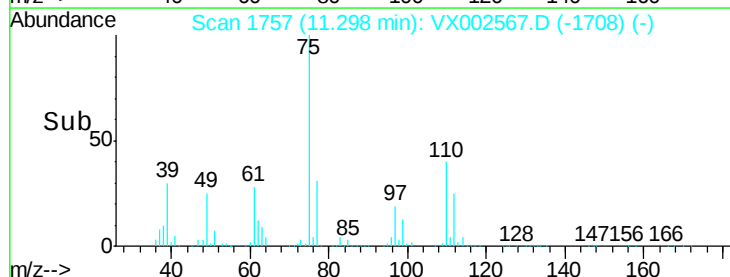
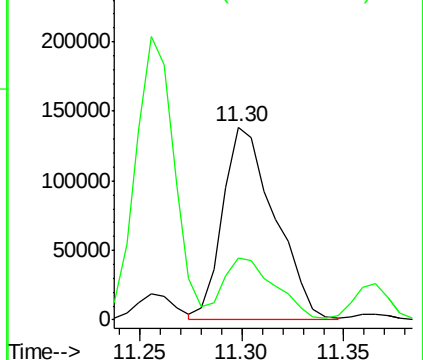
75 100

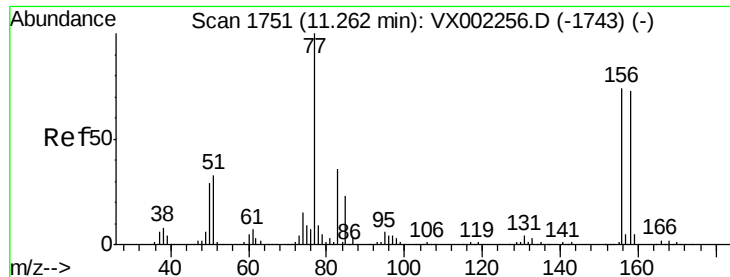
77 32.4 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 46.72 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002567.D

Acq: 14 Jun 2018 22:31

Instrument :

MSVOA_X

ClientSampled :

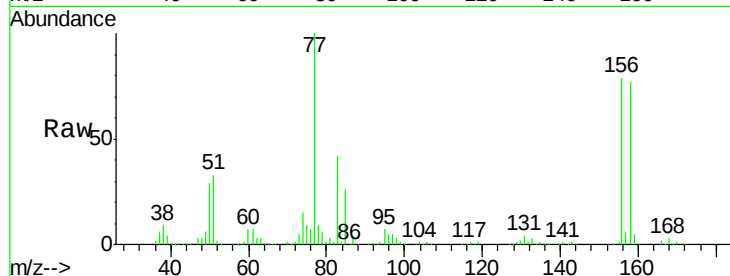
Tot Ion:156 Resp: 191886

Ion Ratio Lower Upper

156 100

77 138.8 71.4 214.2

158 97.4 48.9 146.6

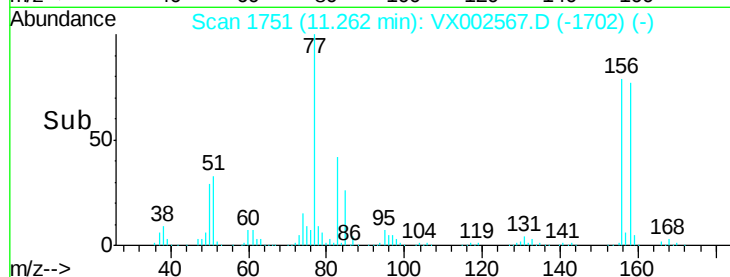


Abundance Ion 155.80 (155.50 to 156.50): V

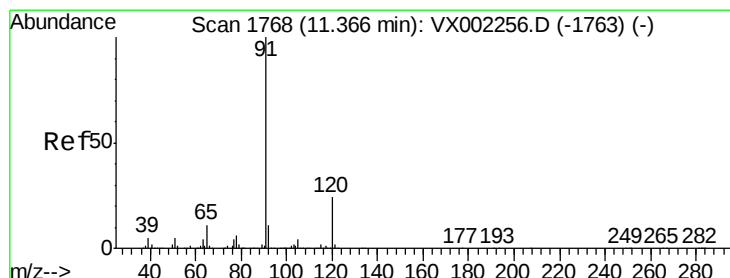
Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V

Time-->



Time-->



#78

n-propylbenzene

Concen: 48.07 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002567.D

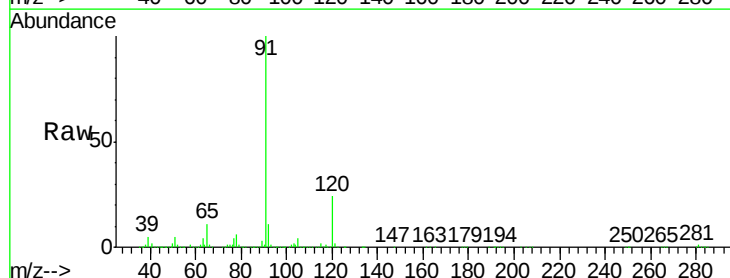
Acq: 14 Jun 2018 22:31

Tgt Ion: 91 Resp: 781714

Ion Ratio Lower Upper

91 100

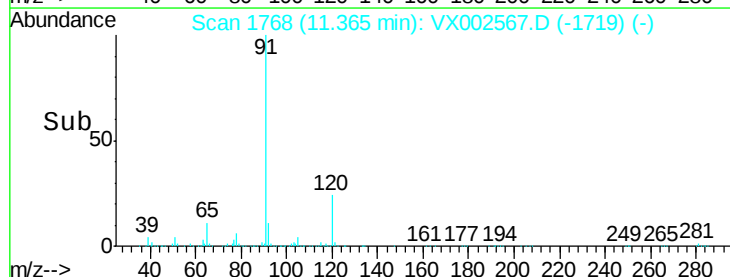
120 23.5 11.8 35.4



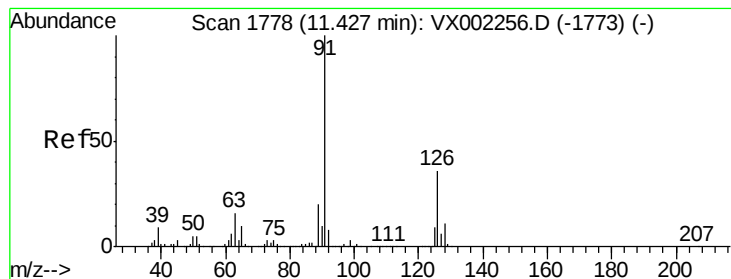
Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

Time-->



Time-->



#79

2-Chlorotoluene

Concen: 45.28 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002567.D

Acq: 14 Jun 2018 22:31

Instrument :

MSVOA_X

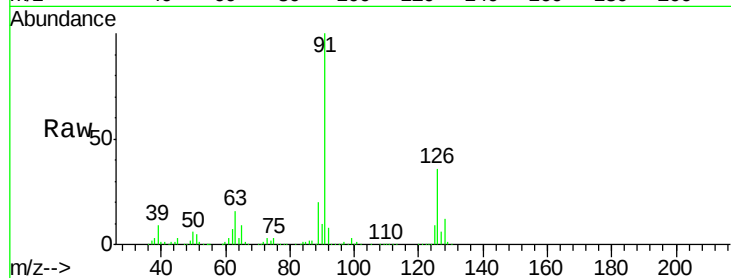
ClientSampleId :

Tot Ion: 91 Resp: 464925

Ion Ratio Lower Upper

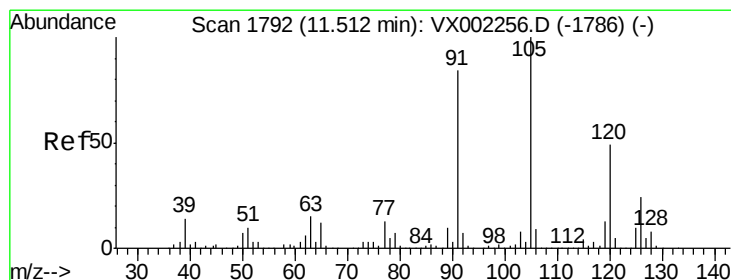
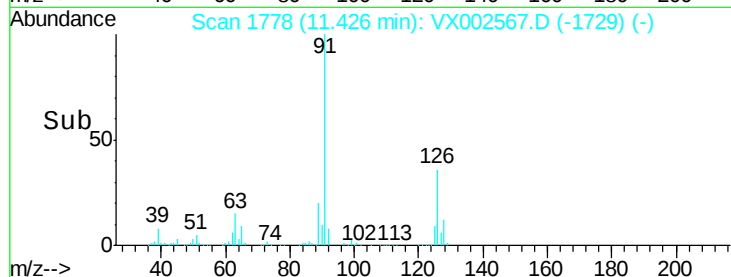
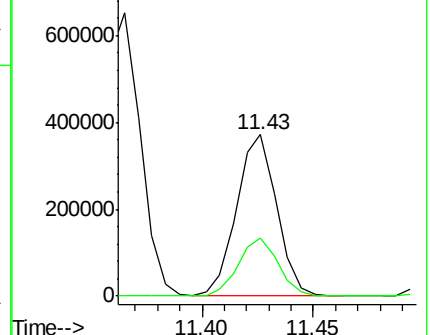
91 100

126 35.8 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX002256.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX002256.D (-1773) (-)



#80

1,3,5-Trimethylbenzene

Concen: 46.32 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002567.D

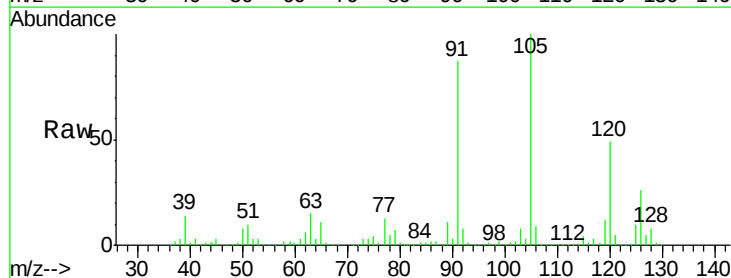
Acq: 14 Jun 2018 22:31

Tgt Ion: 105 Resp: 581293

Ion Ratio Lower Upper

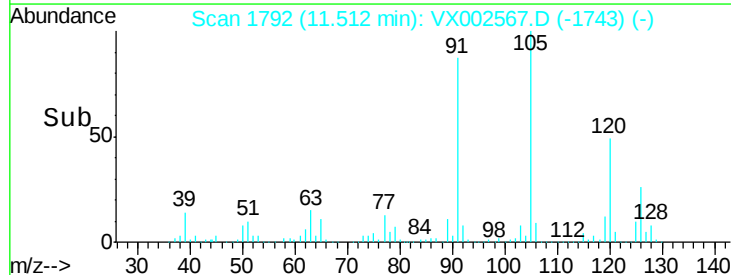
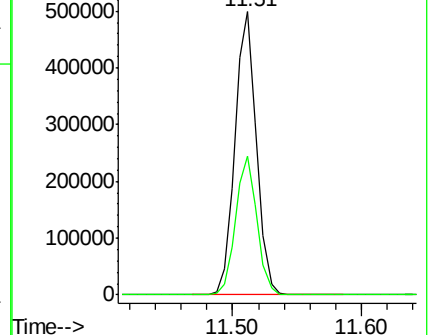
105 100

120 48.8 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX002256.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX002256.D (-1786) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 40.37 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002567.D

Acq: 14 Jun 2018 22:31

Instrument :

MSVOA_X

ClientSampled :

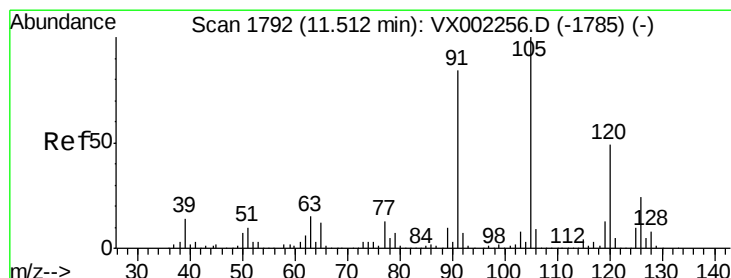
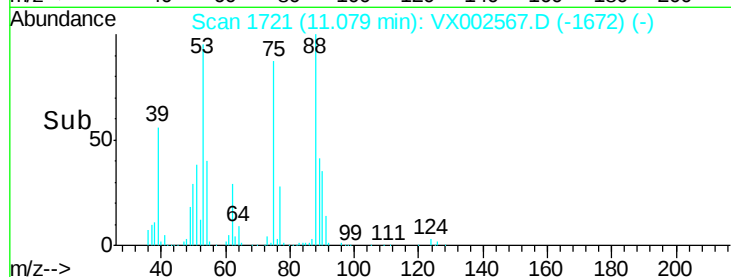
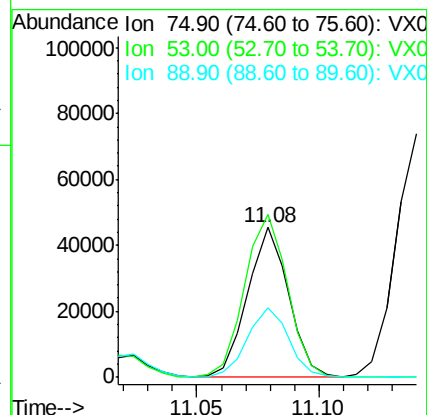
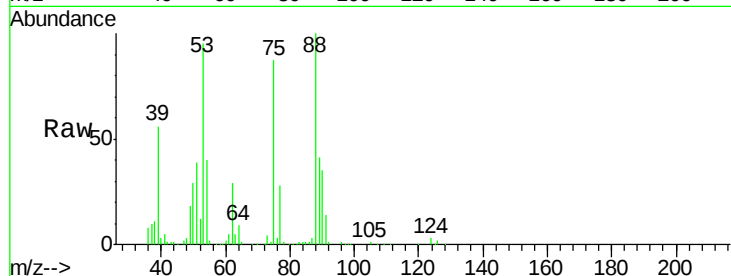
Tot Ion: 75 Resp: 53143

Ion Ratio Lower Upper

75 100

53 112.9 86.8 130.2

89 47.2 38.2 57.2



#82

4-Chlorotoluene

Concen: 46.41 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002567.D

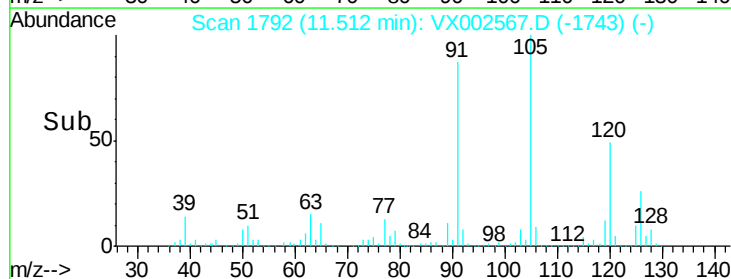
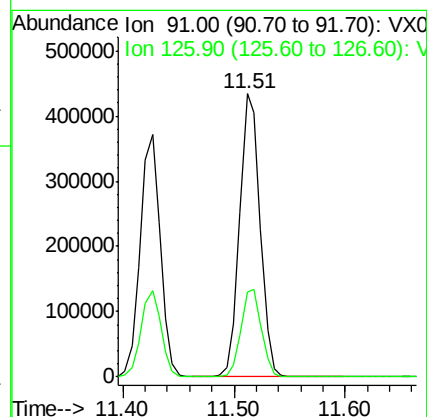
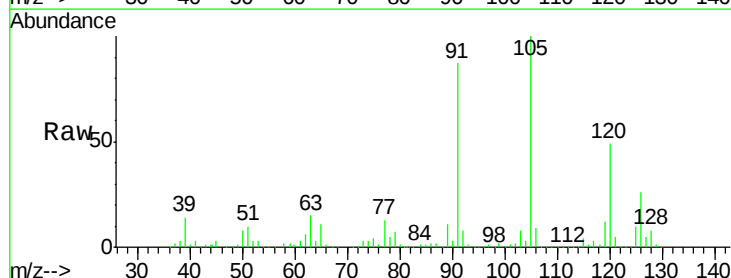
Acq: 14 Jun 2018 22:31

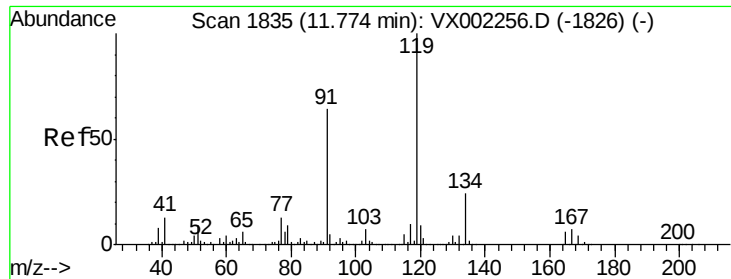
Tgt Ion: 91 Resp: 550065

Ion Ratio Lower Upper

91 100

126 31.1 15.4 46.4

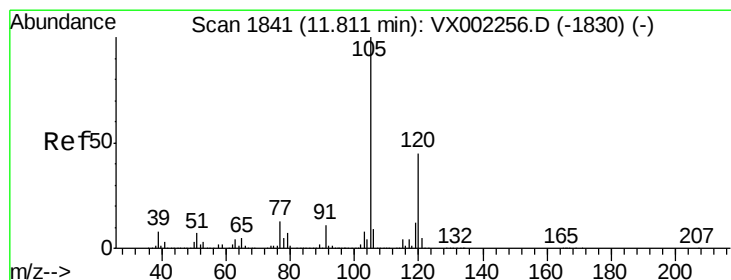
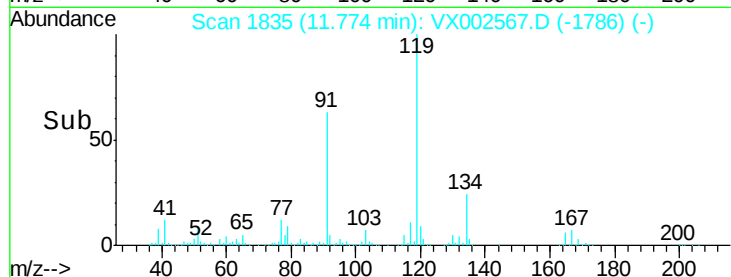
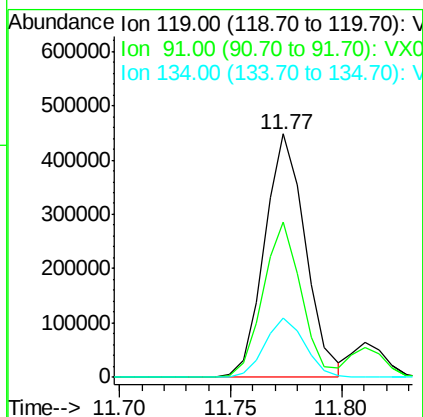
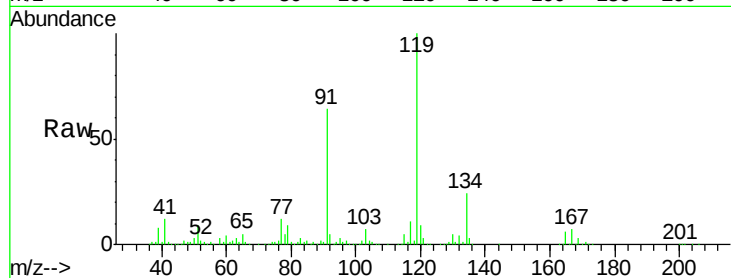




#83
 tert-Butylbenzene
 Concen: 46.66 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002567.D
 Acq: 14 Jun 2018 22:31

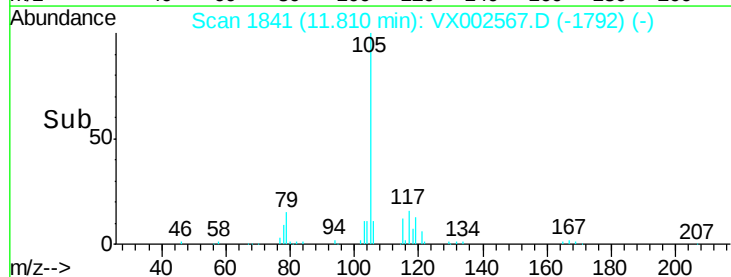
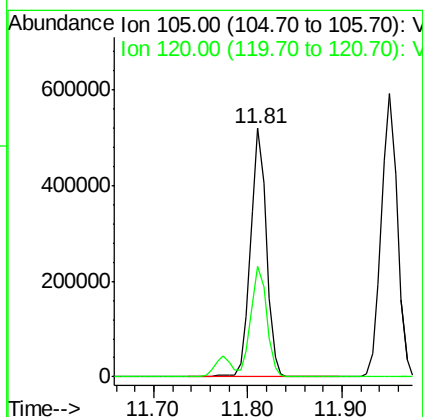
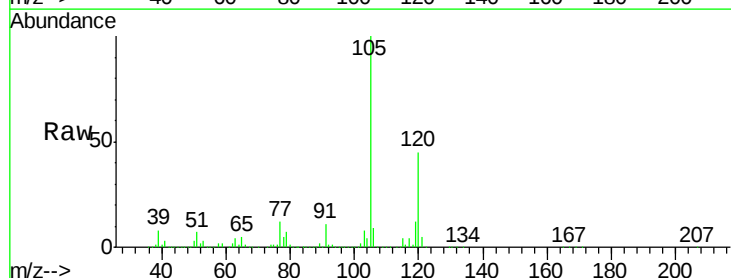
Instrument :
 MSVOA_X
 ClientSampleId :

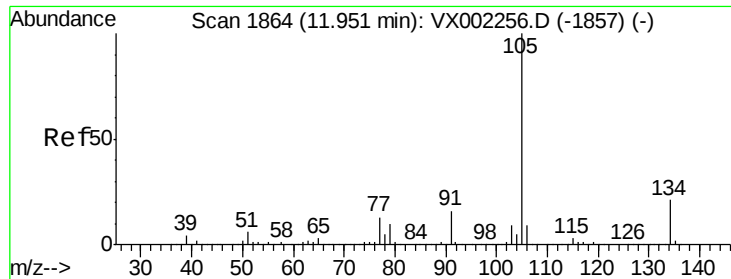
Tot Ion:119 Resp: 570145
 Ion Ratio Lower Upper
 119 100
 91 60.5 30.3 90.9
 134 24.0 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 46.80 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002567.D
 Acq: 14 Jun 2018 22:31

Tgt Ion:105 Resp: 604577
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.3 66.8





#85

sec-Butylbenzene

Concen: 49.08 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002567.D

Acq: 14 Jun 2018 22:31

Instrument :

MSVOA_X

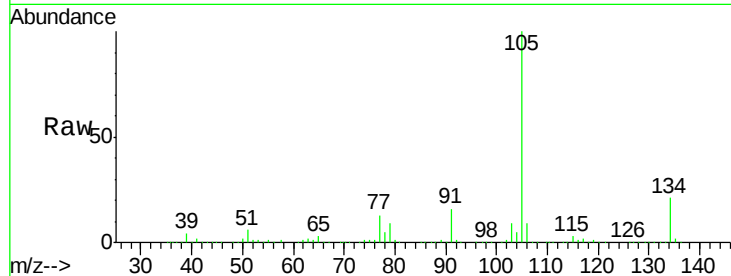
ClientSampled :

Tot Ion:105 Resp: 703063

Ion Ratio Lower Upper

105 100

134 20.6 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

600000

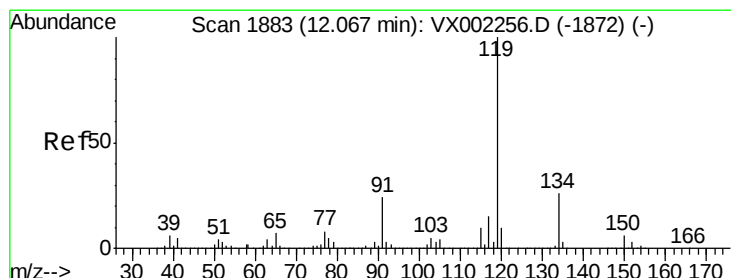
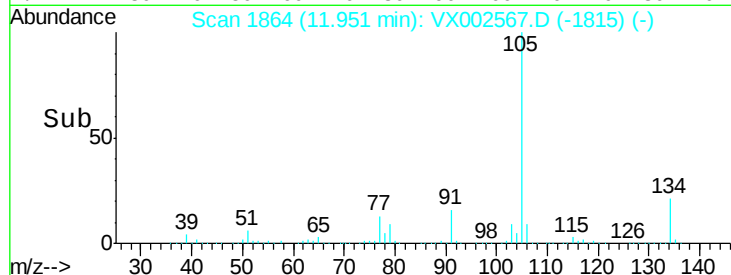
11.95

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 48.65 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002567.D

Acq: 14 Jun 2018 22:31

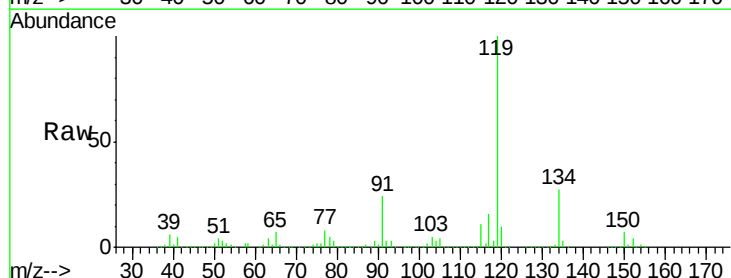
Tgt Ion:119 Resp: 634819

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

91 23.8 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

600000

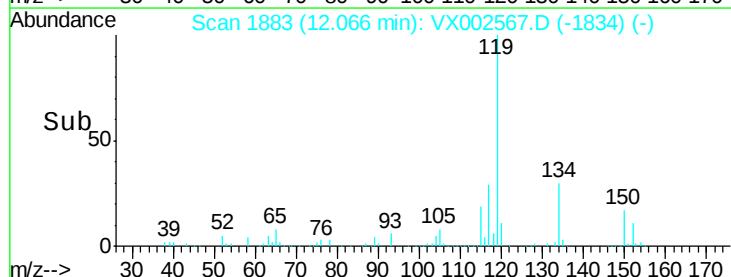
12.07

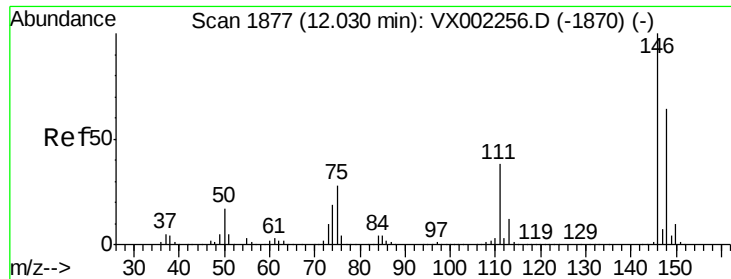
400000

200000

0

Time-->

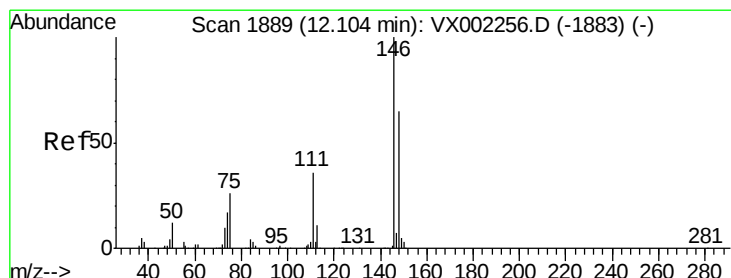
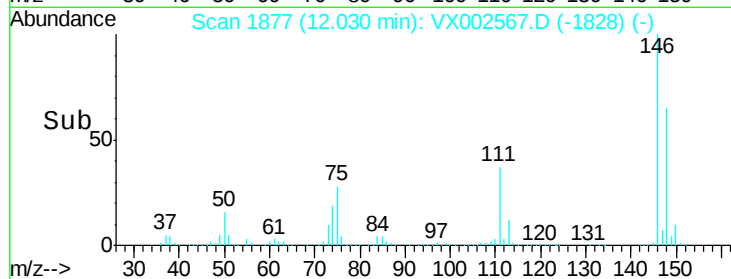
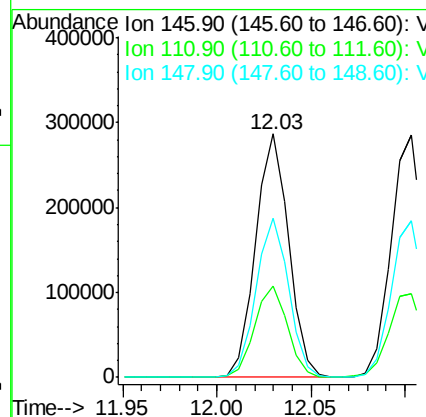
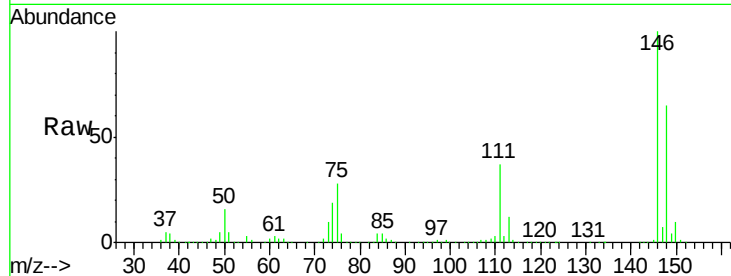




#87
 1,3-Dichlorobenzene
 Concen: 47.36 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002567.D
 Acq: 14 Jun 2018 22:31

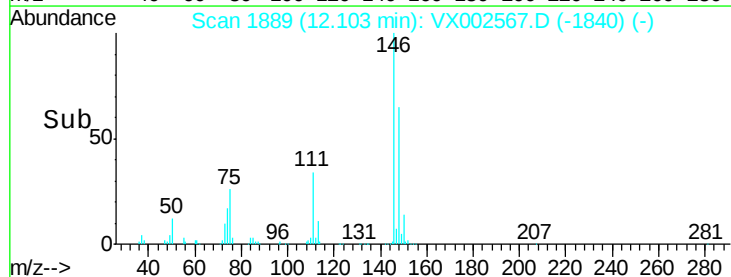
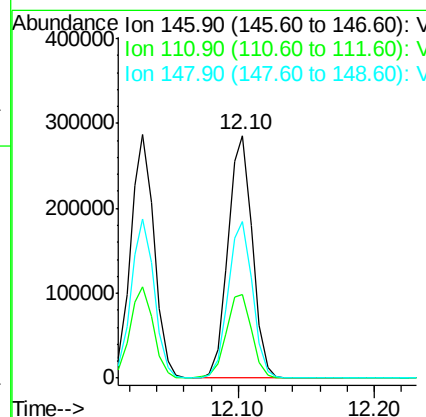
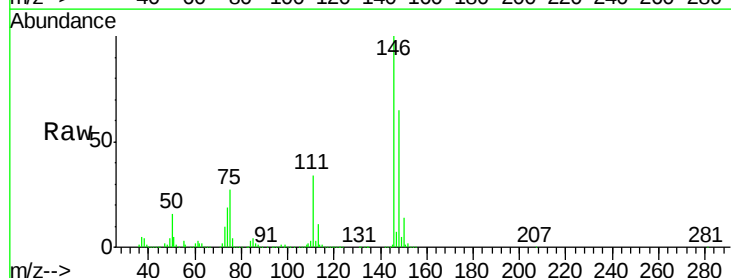
Instrument :
 MSVOA_X
 ClientSampleId :

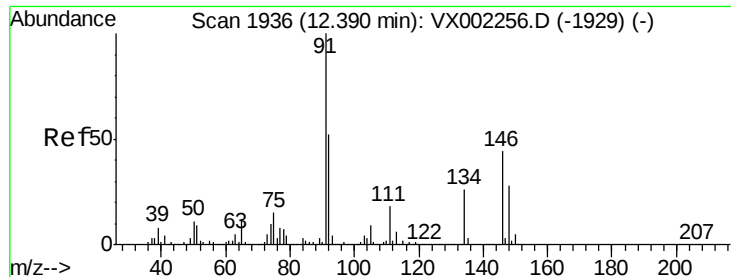
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.9	56.7
148	64.8	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 46.79 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002567.D
 Acq: 14 Jun 2018 22:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.1	18.7	56.1
148	64.7	32.4	97.0





#89

n-Butylbenzene

Concen: 50.19 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002567.D

Acq: 14 Jun 2018 22:31

Instrument :

MSVOA_X

ClientSampleId :

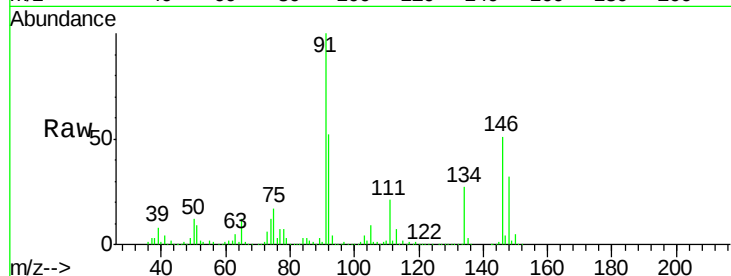
Tot Ion: 91 Resp: 549246

Ion Ratio Lower Upper

91 100

92 52.2 26.0 78.0

134 27.5 13.5 40.5

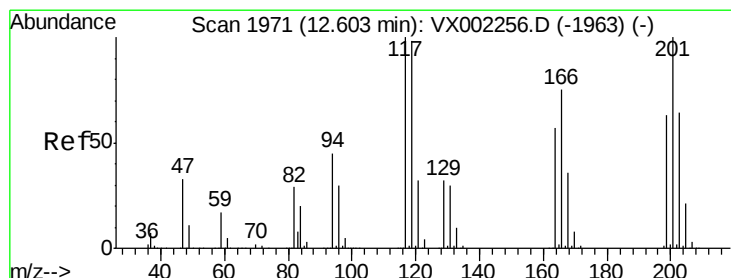
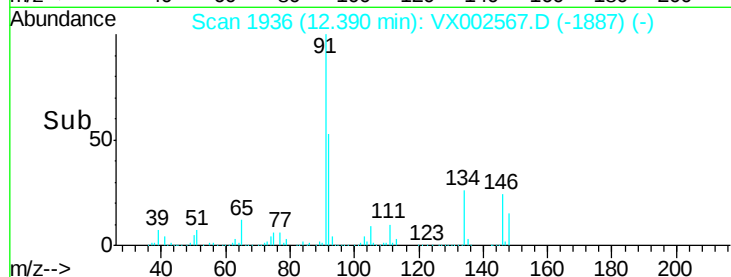


Abundance Ion 91.00 (90.70 to 91.70): VX002256.D (-1929) (-)

Ion 92.00 (91.70 to 92.70): VX002256.D (-1929) (-)

Ion 134.00 (133.70 to 134.70): VX002256.D (-1929) (-)

Time-->



#90

Hexachloroethane

Concen: 45.99 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX002567.D

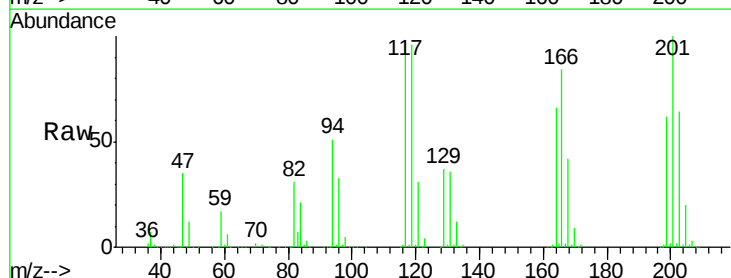
Acq: 14 Jun 2018 22:31

Tgt Ion: 117 Resp: 95804

Ion Ratio Lower Upper

117 100

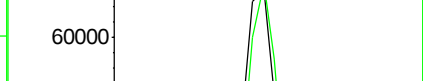
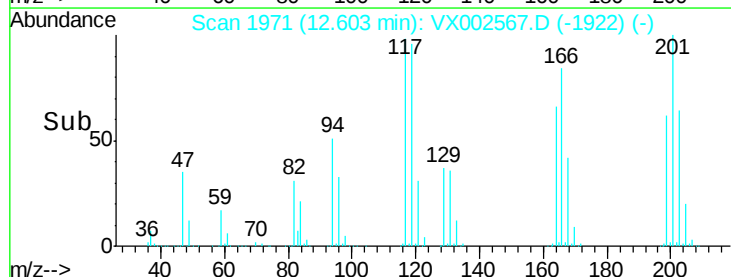
201 97.3 49.0 147.0



Abundance Ion 116.80 (116.50 to 117.50): VX002256.D (-1963) (-)

Ion 200.70 (200.40 to 201.40): VX002256.D (-1963) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: 47.07 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX002567.D

Acq: 14 Jun 2018 22:31

Instrument :

MSVOA_X

ClientSampleId :

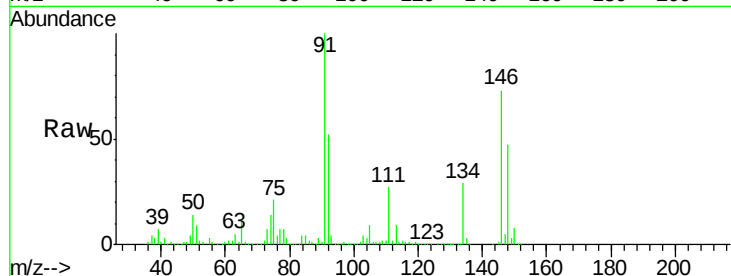
Tot Ion:146 Resp: 357636

Ion Ratio Lower Upper

146 100

111 38.3 19.4 58.1

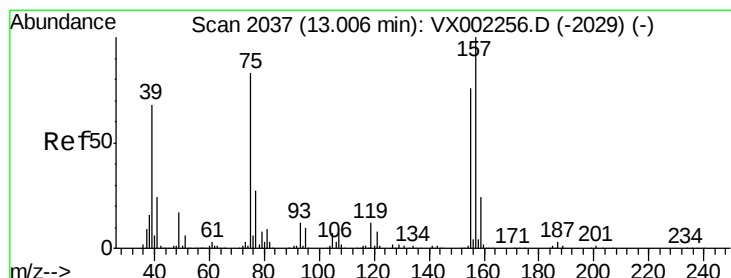
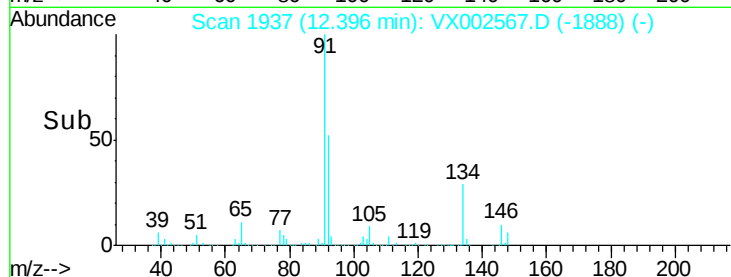
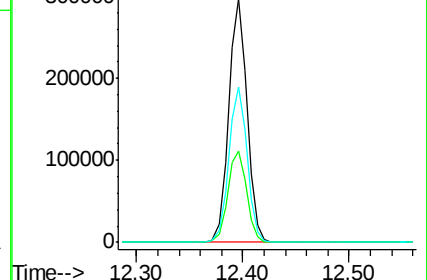
148 63.7 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.37 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX002567.D

Acq: 14 Jun 2018 22:31

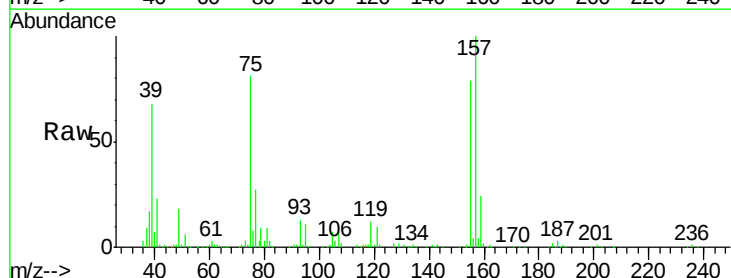
Tgt Ion: 75 Resp: 47662

Ion Ratio Lower Upper

75 100

155 96.3 45.8 137.4

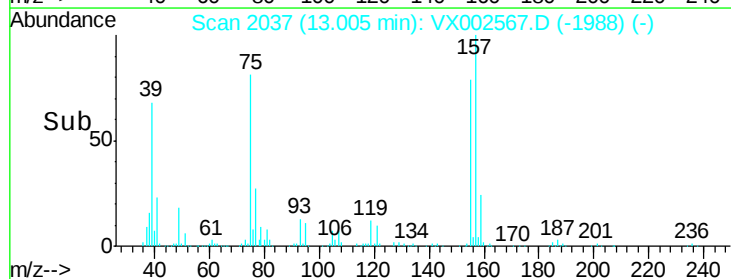
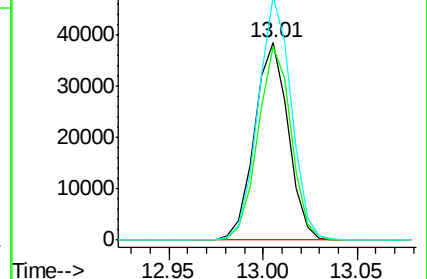
157 121.2 60.1 180.3

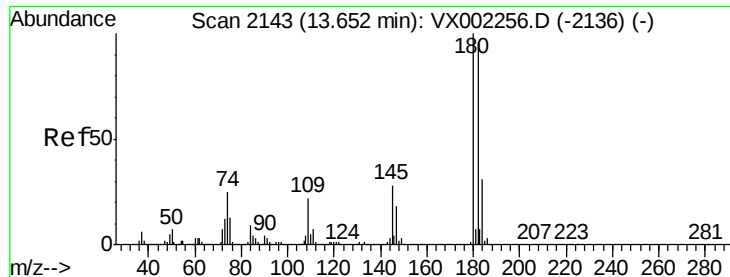


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

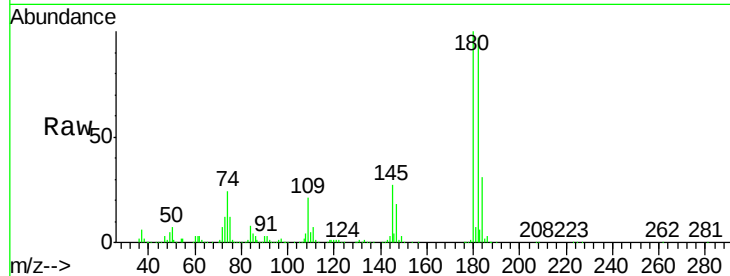




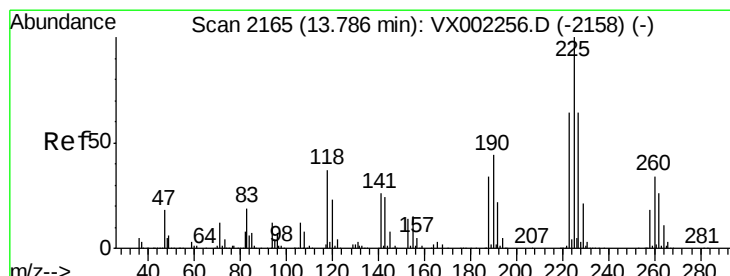
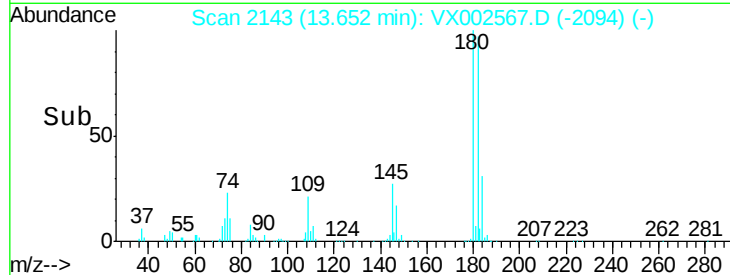
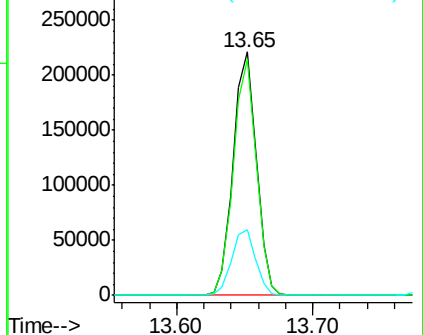
#93
 1,2,4-Trichlorobenzene
 Concen: 49.46 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002567.D
 Acq: 14 Jun 2018 22:31

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:180 Resp: 263515
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.7 143.1
 145 27.9 14.1 42.4

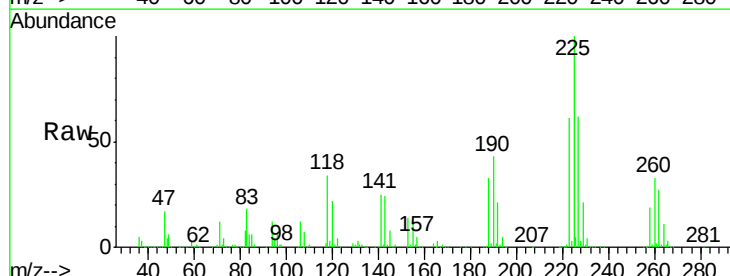


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

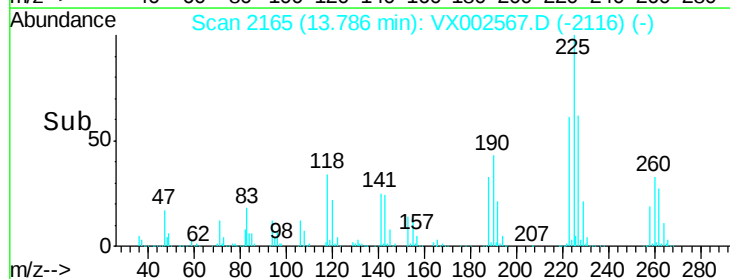
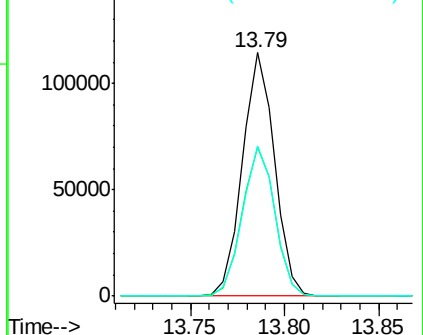


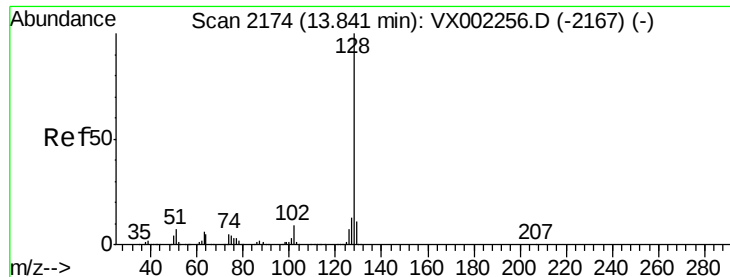
#94
 Hexachlorobutadiene
 Concen: 51.34 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002567.D
 Acq: 14 Jun 2018 22:31

Tgt Ion:225 Resp: 135182
 Ion Ratio Lower Upper
 225 100
 223 62.2 31.6 95.0
 227 62.3 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

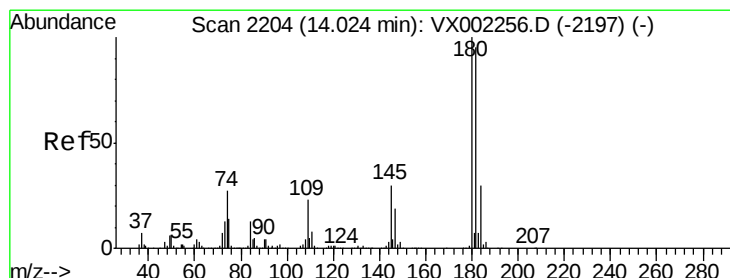
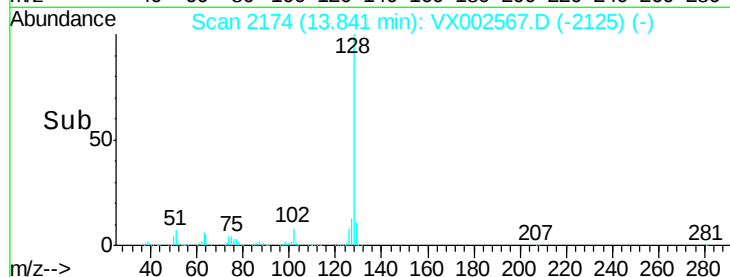
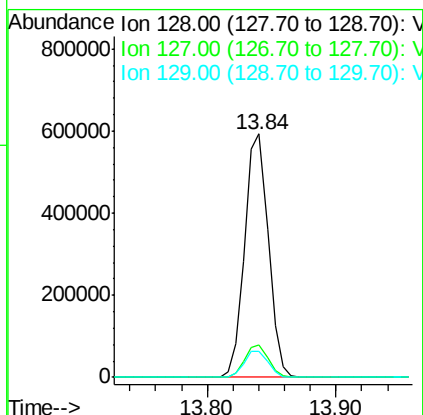
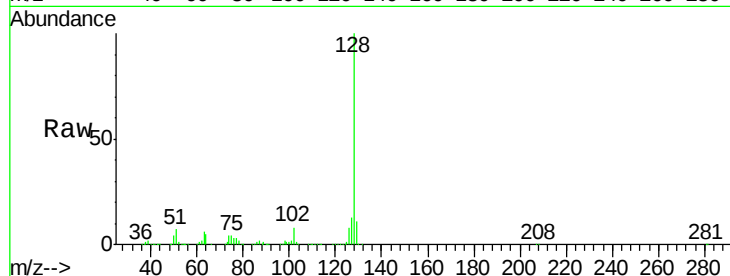




#95
Naphthalene
Concen: 48.94 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002567.D
Acq: 14 Jun 2018 22:31

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	10.9	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 49.51 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX002567.D
Acq: 14 Jun 2018 22:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	48.0	144.0
145	29.8	14.8	44.3

