

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061318\
 Data File : VX002522.D
 Acq On : 13 Jun 2018 21:22
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 14 01:49:54 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	177781	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	292357	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	298642	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	194157	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	130791	51.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.10%	
35) Dibromofluoromethane	5.51	113	100077	43.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.06%	
50) Toluene-d8	8.72	98	363142	41.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.42%	
62) 4-Bromofluorobenzene	11.14	95	142826	42.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	57454	31.09	ug/l	100
3) Chloromethane	1.32	50	97641	45.87	ug/l	99
4) Vinyl Chloride	1.41	62	99291	42.63	ug/l	100
5) Bromomethane	1.64	94	66507	50.49	ug/l	100
6) Chloroethane	1.71	64	74372	49.36	ug/l	99
7) Trichlorofluoromethane	1.93	101	152838	43.07	ug/l	98
8) Diethyl Ether	2.19	74	78268	62.67	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	78471	40.98	ug/l	99
10) Methyl Iodide	2.51	142	122154	45.35	ug/l	98
11) Tert butyl alcohol	3.09	59	161982	316.12	ug/l	98
12) 1,1-Dichloroethene	2.37	96	87252	46.10	ug/l	99
13) Acrolein	2.30	56	50890	199.64	ug/l	99
14) Allyl chloride	2.73	41	202226	49.24	ug/l	99
15) Acrylonitrile	3.15	53	361934	337.91	ug/l	100
16) Acetone	2.45	43	336849	312.91	ug/l	100
17) Carbon Disulfide	2.57	76	179651	36.02	ug/l	98
18) Methyl Acetate	2.78	43	177202	70.69	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	422832	64.87	ug/l	100
20) Methylene Chloride	2.86	84	122410	61.53	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	101911	48.83	ug/l	99
22) Diisopropyl ether	3.88	45	373100	54.51	ug/l	98
23) Vinyl Acetate	3.83	43	1661786	249.58	ug/l	100
24) 1,1-Dichloroethane	3.70	63	182021	44.84	ug/l	100
25) 2-Butanone	4.71	43	450854	258.65	ug/l	99
26) 2,2-Dichloropropane	4.59	77	123411	38.89	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	109601	48.29	ug/l	95
28) Bromochloromethane	5.03	49	102101	59.84	ug/l	99
29) Tetrahydrofuran	5.17	42	292668	260.41	ug/l	98
30) Chloroform	5.22	83	202504	51.70	ug/l	98
31) Cyclohexane	5.58	56	110014	34.27	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	153790	46.29	ug/l	99
36) 1,1-Dichloropropene	5.80	75	118237	38.47	ug/l	99
37) Ethyl Acetate	4.87	43	180354	48.79	ug/l	99
38) Carbon Tetrachloride	5.79	117	124140	38.61	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061318\
 Data File : VX002522.D
 Acq On : 13 Jun 2018 21:22
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 14 01:49:54 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	105281	27.84	ug/l	97
40) Benzene	6.15	78	414932	44.03	ug/l	100
41) Methacrylonitrile	5.07	41	101117	47.79	ug/l	98
42) 1,2-Dichloroethane	6.20	62	176240	47.07	ug/l	99
43) Isopropyl Acetate	6.47	43	294679	46.94	ug/l	100
44) Trichloroethene	7.21	130	111154	42.50	ug/l	96
45) 1,2-Dichloropropane	7.52	63	116377	45.74	ug/l	99
46) Dibromomethane	7.67	93	81889	47.48	ug/l	98
47) Bromodichloromethane	7.90	83	149126	47.81	ug/l	98
48) Methyl methacrylate	7.78	41	152926	48.49	ug/l	98
49) 1,4-Dioxane	7.76	88	56859	964.30	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	996993	255.01	ug/l	100
52) Toluene	8.79	92	269867	45.02	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	171336	45.80	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	161342	45.72	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	123112	49.94	ug/l	98
56) Ethyl methacrylate	9.18	69	190724	48.46	ug/l	99
57) 1,3-Dichloropropane	9.38	76	201288	48.67	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	460438	252.77	ug/l	99
59) 2-Hexanone	9.50	43	758321	251.11	ug/l	99
60) Dibromochloromethane	9.59	129	123706	49.89	ug/l	100
61) 1,2-Dibromoethane	9.68	107	129309	50.31	ug/l	100
64) Tetrachloroethene	9.34	164	118050	38.33	ug/l	96
65) Chlorobenzene	10.14	112	322720	43.43	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	121106	45.01	ug/l	99
67) Ethyl Benzene	10.26	91	529074	42.54	ug/l	99
68) m/p-Xylenes	10.37	106	411838	85.19	ug/l	99
69) o-Xylene	10.70	106	208574	43.36	ug/l	100
70) Styrene	10.72	104	358811	45.62	ug/l	99
71) Bromoform	10.86	173	95842	40.48	ug/l	99
73) Isopropylbenzene	11.02	105	536901	39.75	ug/l	100
74) N-amyl acetate	6.47	43	294679	40.49	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	190989	44.96	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	221753	52.05	ug/l	79
77) Bromobenzene	11.26	156	160694	42.38	ug/l	99
78) n-propylbenzene	11.37	91	610061	40.64	ug/l	100
79) 2-Chlorotoluene	11.43	91	382328	40.33	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	464622	40.11	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	47743	39.28	ug/l	94
82) 4-Chlorotoluene	11.51	91	452730	41.38	ug/l	100
83) tert-Butylbenzene	11.77	119	451647	40.04	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	491277	41.20	ug/l	98
85) sec-Butylbenzene	11.95	105	521739	39.45	ug/l	99
86) p-Isopropyltoluene	12.07	119	486365	40.37	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	287047	42.34	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	294814	42.19	ug/l	99
89) n-Butylbenzene	12.39	91	409226	40.50	ug/l	100
90) Hexachloroethane	12.60	117	74302	38.64	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	301910	43.04	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	42749	46.02	ug/l	99

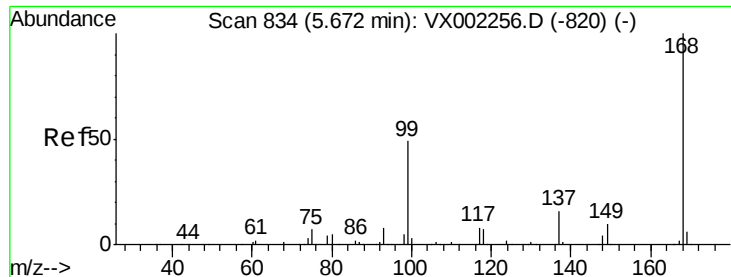
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061318\
Data File : VX002522.D
Acq On : 13 Jun 2018 21:22
Operator : JC/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 14 01:49:54 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)
93) 1,2,4-Trichlorobenzene	13.65	180	210573	42.81	ug/l	99
94) Hexachlorobutadiene	13.79	225	92787	38.17	ug/l	99
95) Naphthalene	13.84	128	655442	46.38	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	221267	44.11	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002522.D

Acq: 13 Jun 2018 21:22

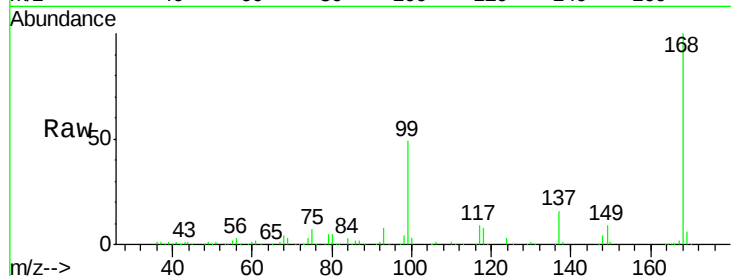
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 177781

Ion Ratio Lower Upper

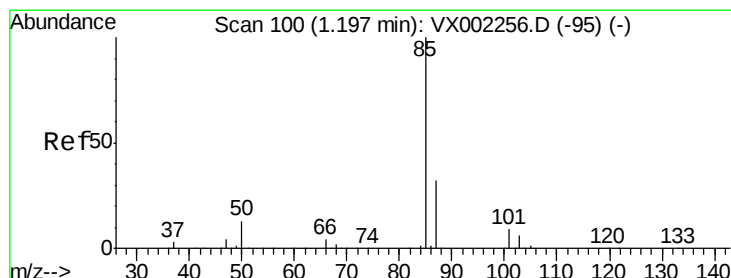
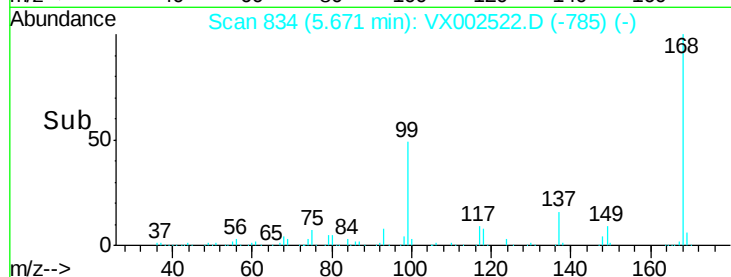
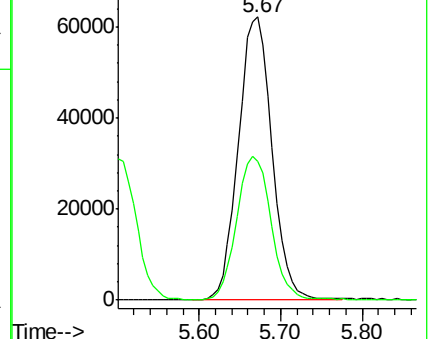
168 100

99 48.9 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: 31.09 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002522.D

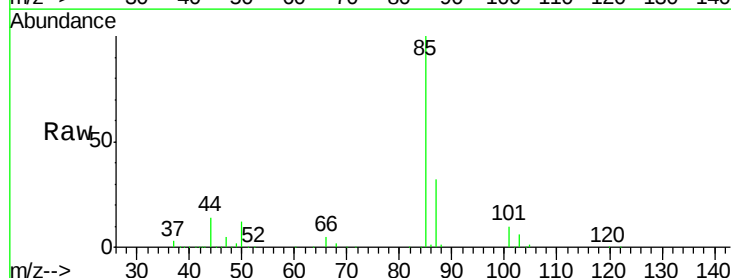
Acq: 13 Jun 2018 21:22

Tgt Ion: 85 Resp: 57454

Ion Ratio Lower Upper

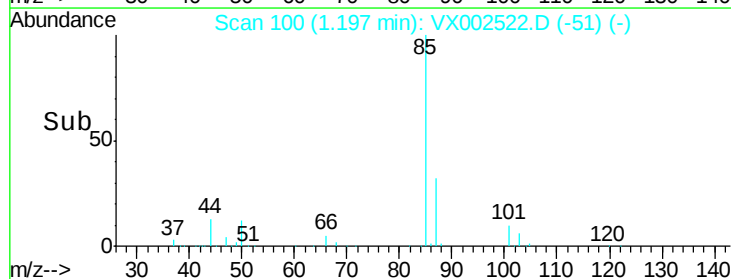
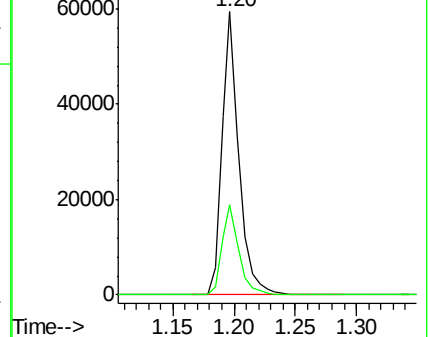
85 100

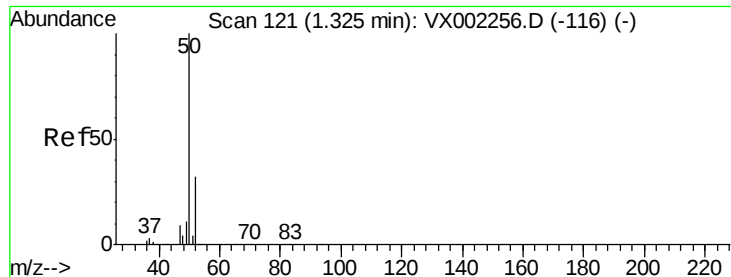
87 31.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 45.87 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002522.D

Acq: 13 Jun 2018 21:22

Instrument :

MSVOA_X

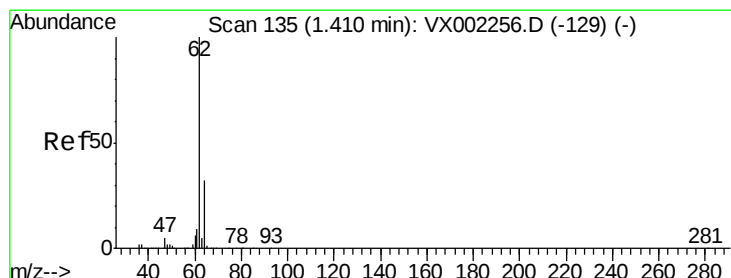
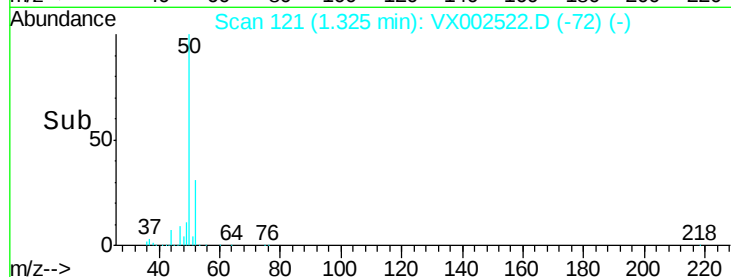
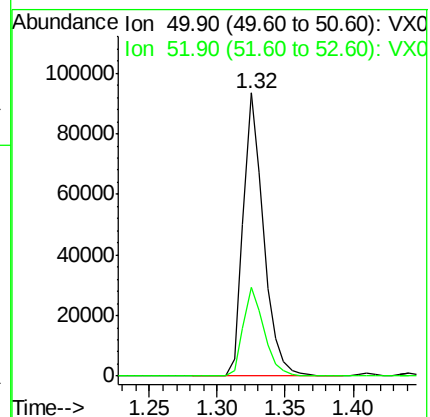
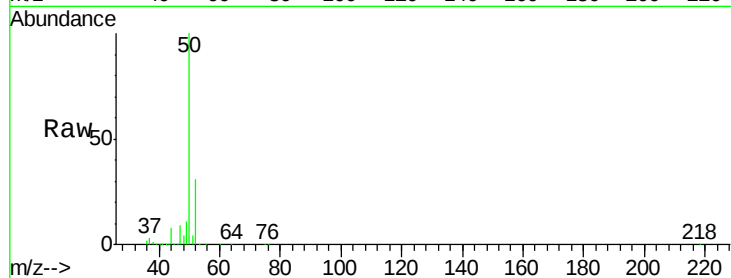
ClientSampled :

Tot Ion: 50 Resp: 97641

Ion Ratio Lower Upper

50 100

52 31.4 25.7 38.5



#4

Vinyl Chloride

Concen: 42.63 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX002522.D

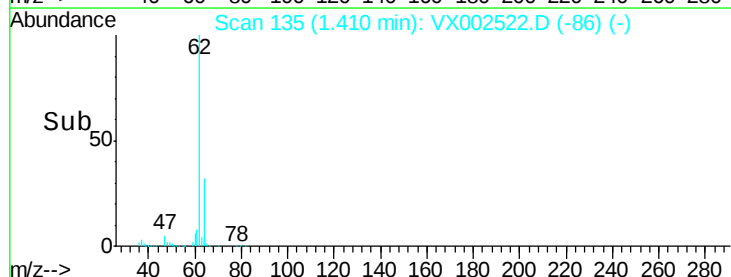
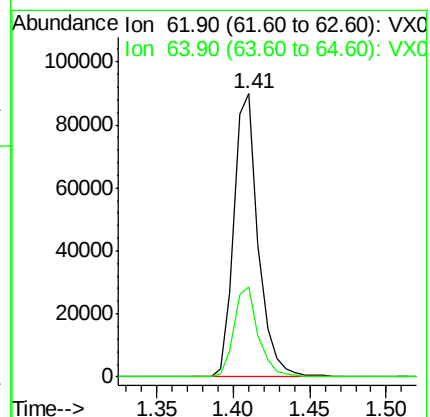
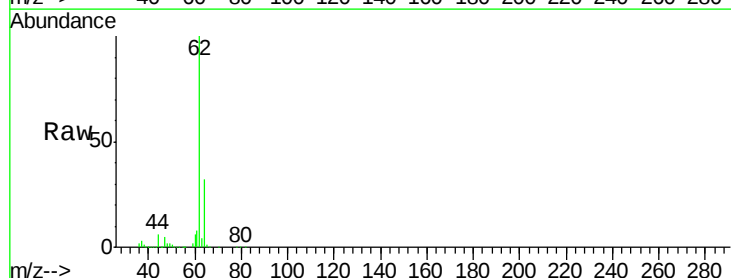
Acq: 13 Jun 2018 21:22

Tgt Ion: 62 Resp: 99291

Ion Ratio Lower Upper

62 100

64 31.8 25.4 38.2





#5

Bromomethane

Concen: 50.49 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002522.D

Acq: 13 Jun 2018 21:22

Instrument :

MSVOA_X

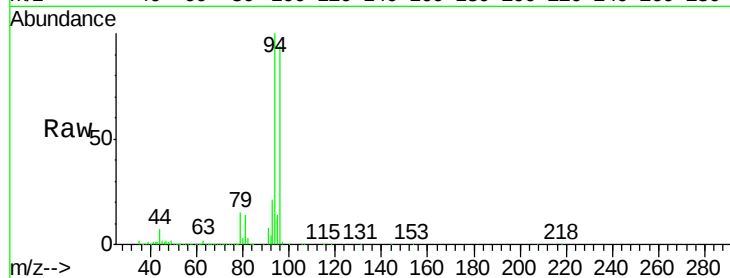
ClientSampleId :

Tot Ion: 94 Resp: 66507

Ion Ratio Lower Upper

94 100

96 93.7 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

80000

60000

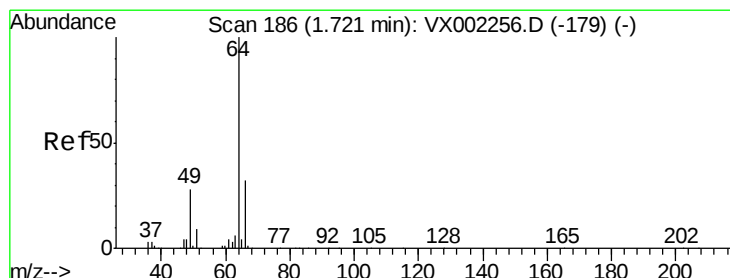
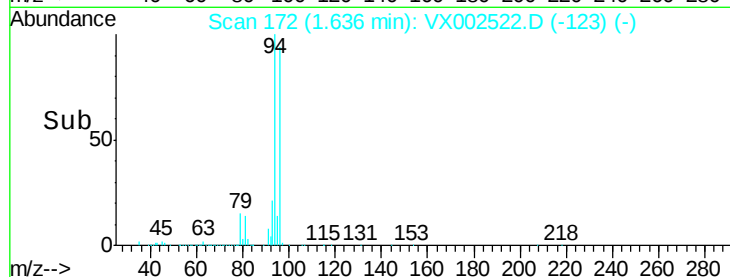
40000

20000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 49.36 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX002522.D

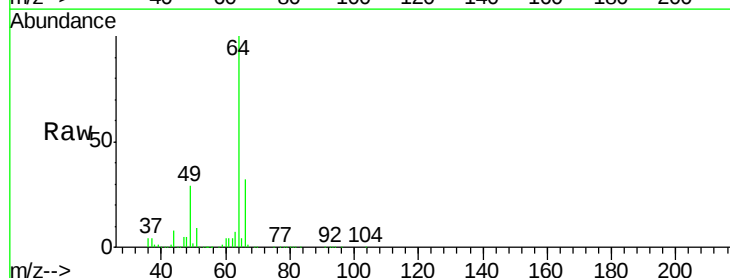
Acq: 13 Jun 2018 21:22

Tgt Ion: 64 Resp: 74372

Ion Ratio Lower Upper

64 100

66 32.2 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

60000

50000

40000

30000

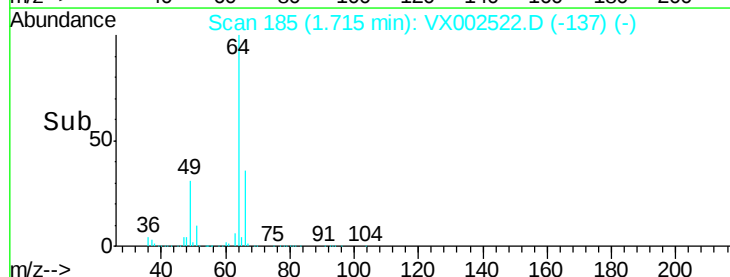
20000

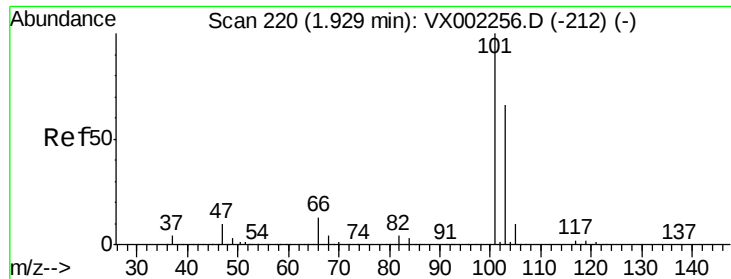
10000

0

Time-->

1.65 1.70 1.75 1.80





#7

Trichlorofluoromethane

Concen: 43.07 ug/l

RT: 1.93 min Scan# 220

Delta R.T. -0.00 min

Lab File: VX002522.D

Acq: 13 Jun 2018 21:22

Instrument :

MSVOA_X

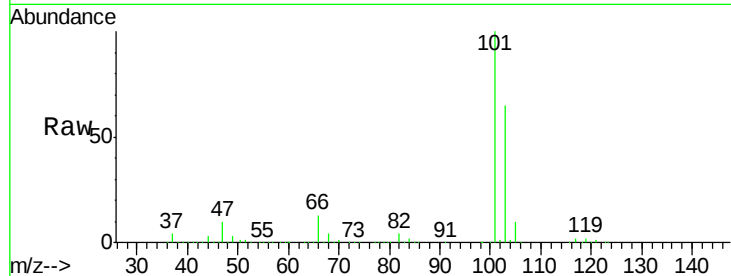
ClientSampleId :

Tot Ion:101 Resp: 152838

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

1.93

120000

100000

80000

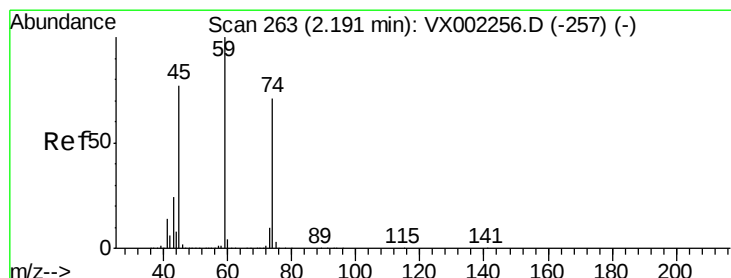
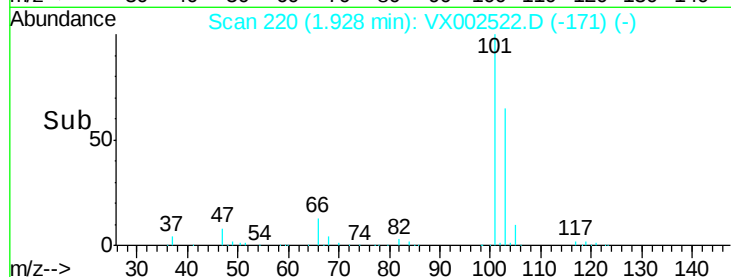
60000

40000

20000

0

Time--> 1.80 1.90 2.00 2.10



#8

Diethyl Ether

Concen: 62.67 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX002522.D

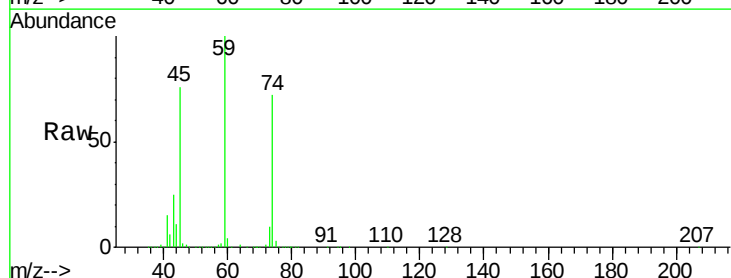
Acq: 13 Jun 2018 21:22

Tgt Ion: 74 Resp: 78268

Ion Ratio Lower Upper

74 100

45 103.8 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

2.19

60000

50000

40000

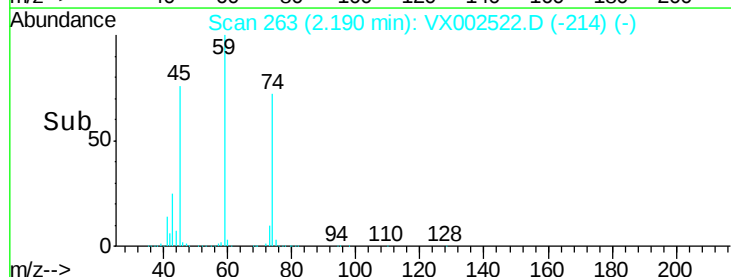
30000

20000

10000

0

Time--> 2.10 2.15 2.20 2.25 2.30





#9

1,1,2-Trichlorotrifluoroethane

Concen: 40.98 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX002522.D

Acq: 13 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

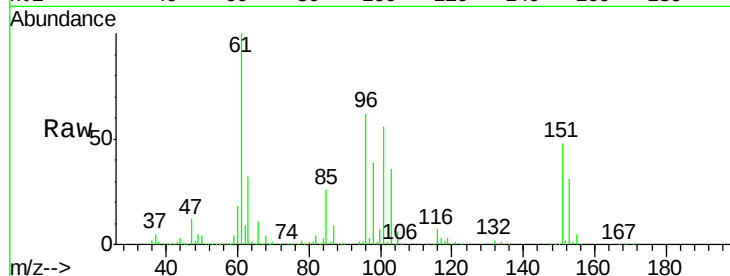
Tot Ion:101 Resp: 78471

Ion Ratio Lower Upper

101 100

85 46.1 36.0 54.0

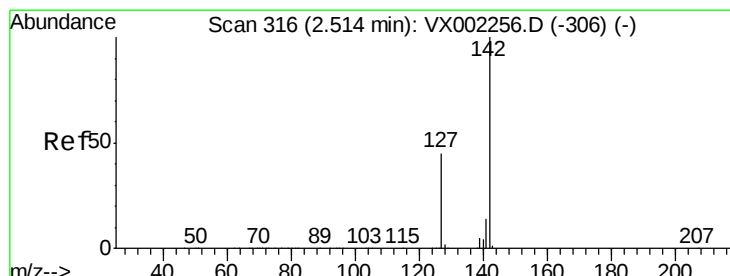
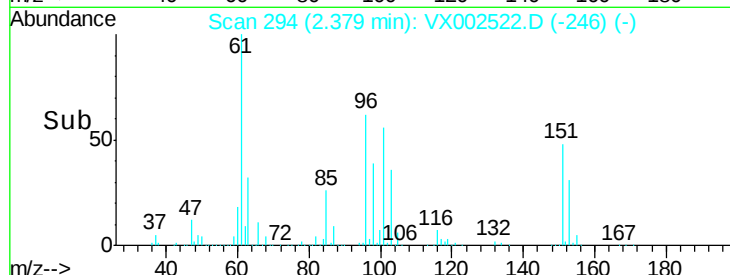
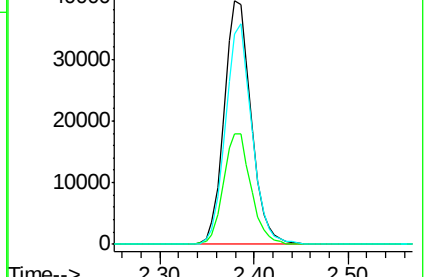
151 88.4 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.35 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX002522.D

Acq: 13 Jun 2018 21:22

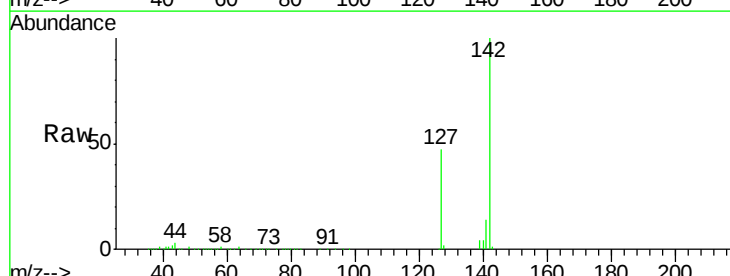
Tgt Ion:142 Resp: 122154

Ion Ratio Lower Upper

142 100

127 47.2 36.6 55.0

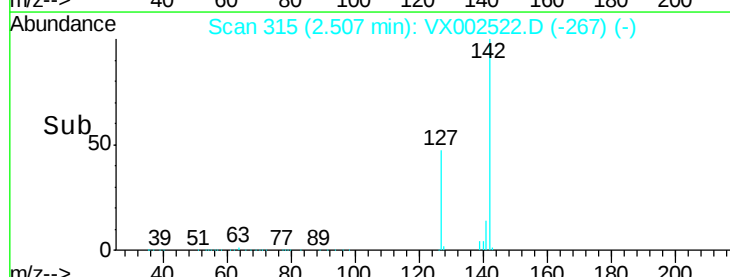
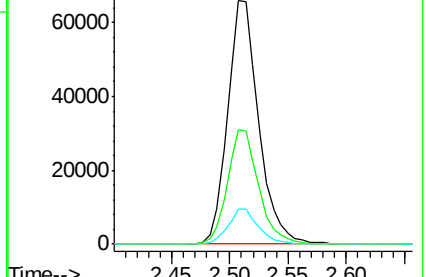
141 14.3 11.3 16.9

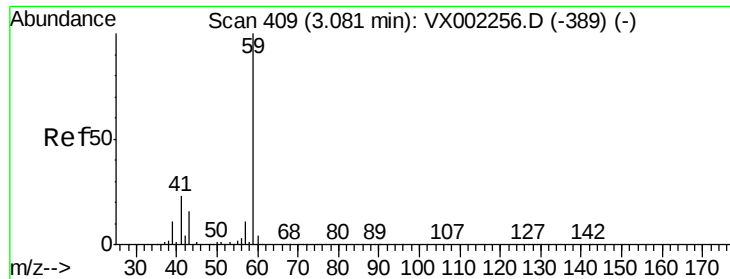


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

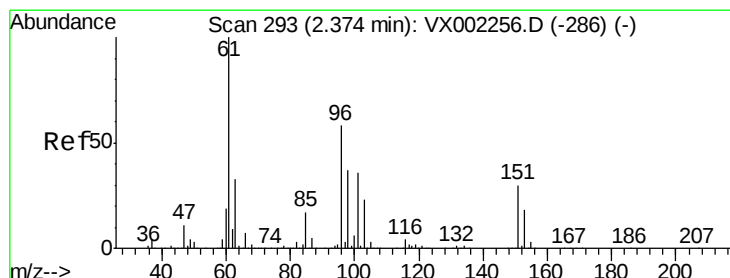
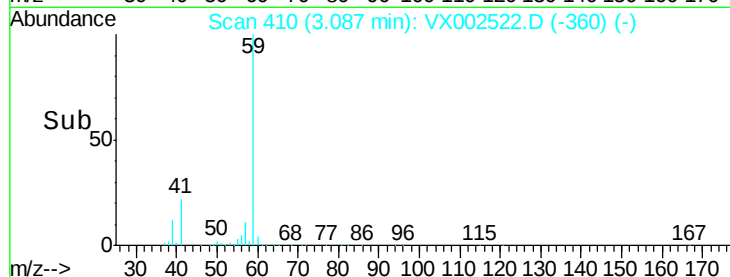
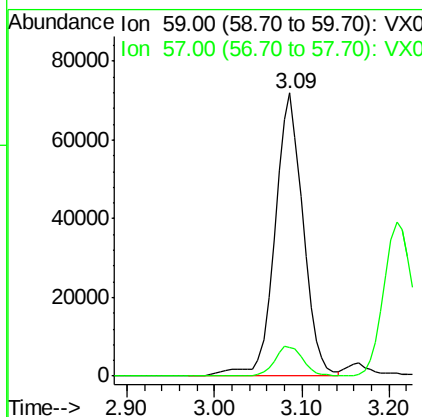
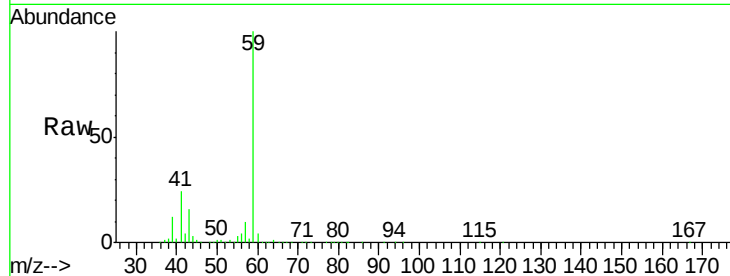




#11
Tert butyl alcohol
Concen: 316.12 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX002522.D
Acq: 13 Jun 2018 21:22

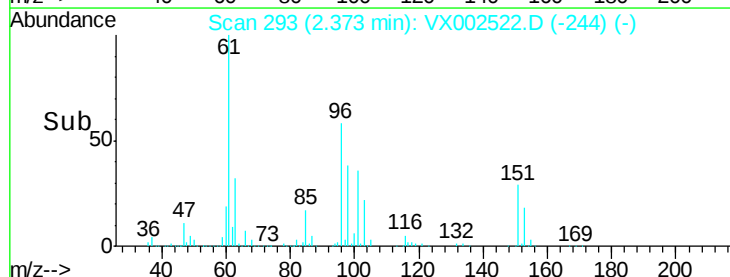
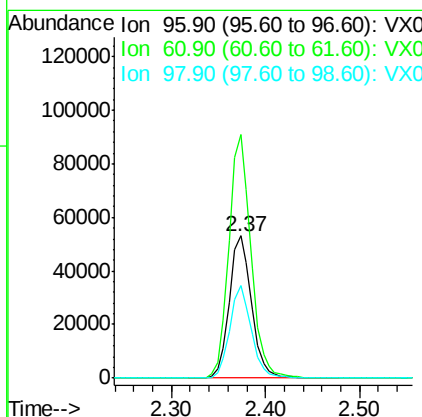
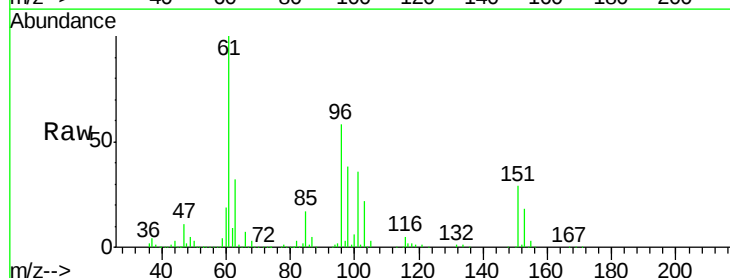
Instrument :
MSVOA_X
ClientSampled :

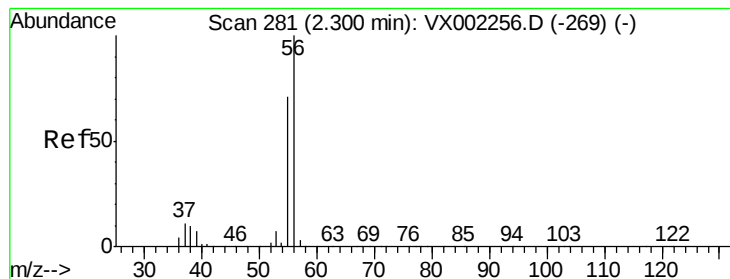
Tot Ion: 59 Resp: 161982
Ion Ratio Lower Upper
59 100
57 10.9 8.2 12.2



#12
1,1-Dichloroethene
Concen: 46.10 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002522.D
Acq: 13 Jun 2018 21:22

Tgt Ion: 96 Resp: 87252
Ion Ratio Lower Upper
96 100
61 171.2 137.9 206.9
98 65.4 51.6 77.4





#13

Acrolein

Concen: 199.64 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX002522.D

Acq: 13 Jun 2018 21:22

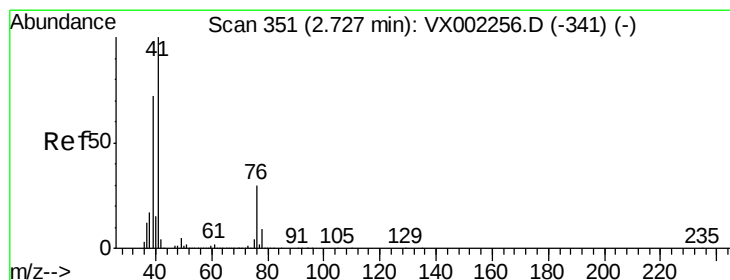
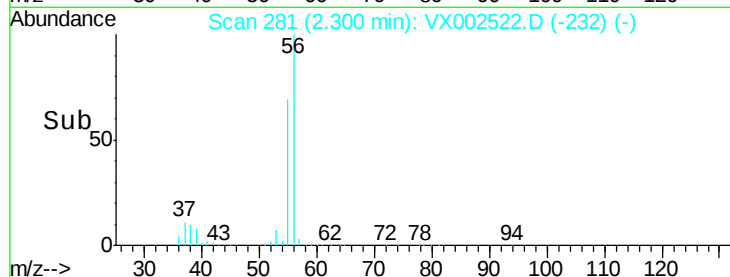
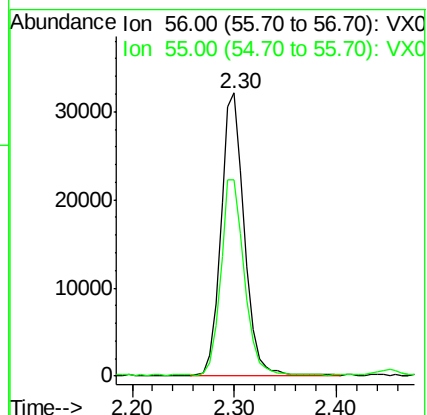
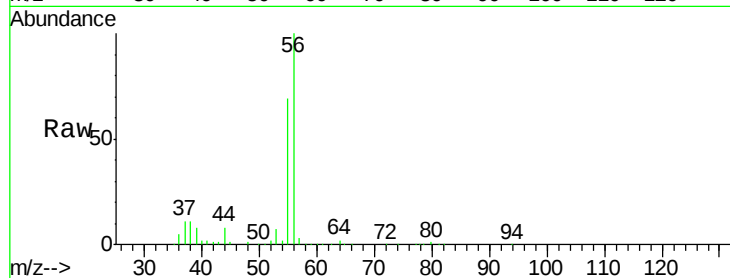
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 50890

Ion Ratio Lower Upper

56 100

55 70.1 57.0 85.4



#14

Allyl chloride

Concen: 49.24 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002522.D

Acq: 13 Jun 2018 21:22

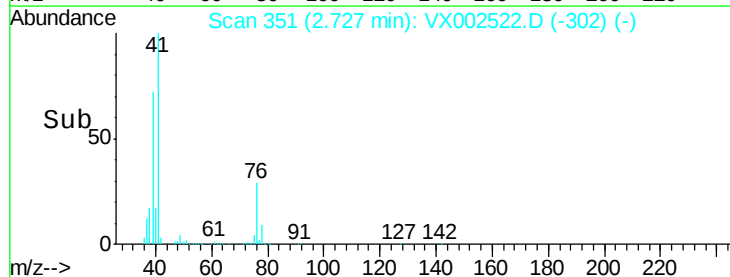
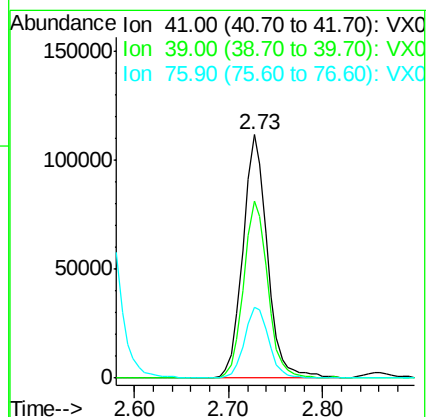
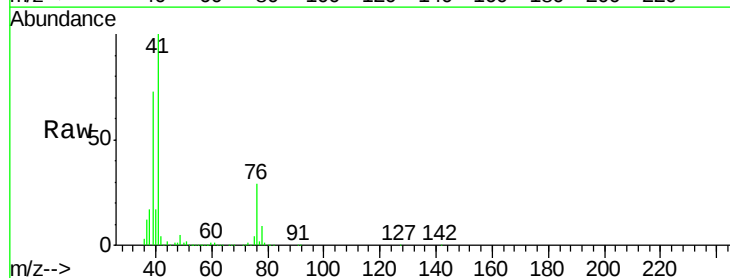
Tgt Ion: 41 Resp: 202226

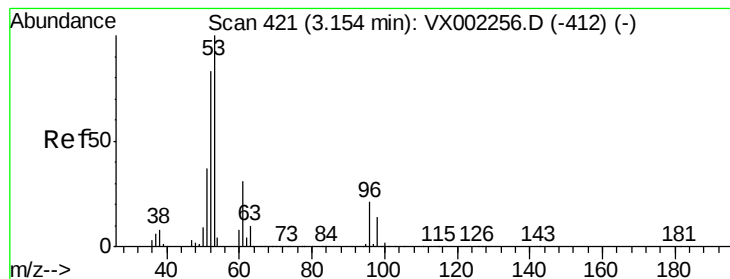
Ion Ratio Lower Upper

41 100

39 71.8 56.8 85.2

76 28.7 23.8 35.8





#15

Acrylonitrile

Concen: 337.91 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002522.D

Acq: 13 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampled :

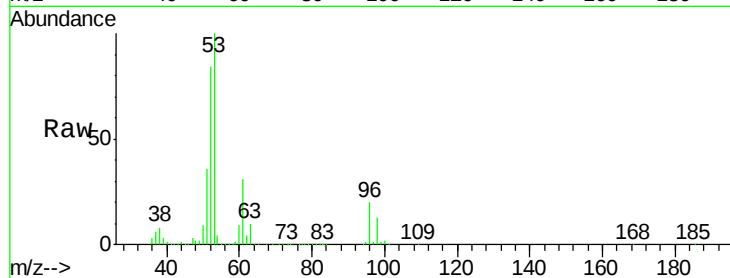
Tot Ion: 53 Resp: 361934

Ion Ratio Lower Upper

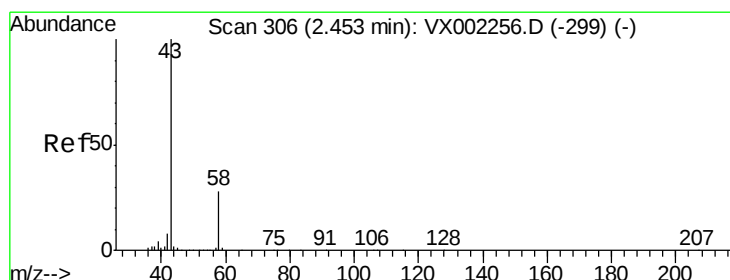
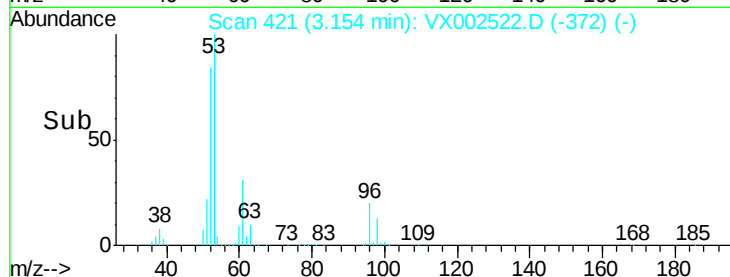
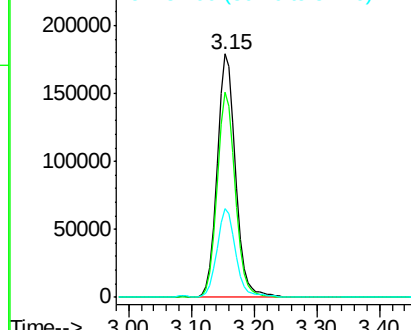
53 100

52 83.3 66.7 100.1

51 37.0 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: 312.91 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002522.D

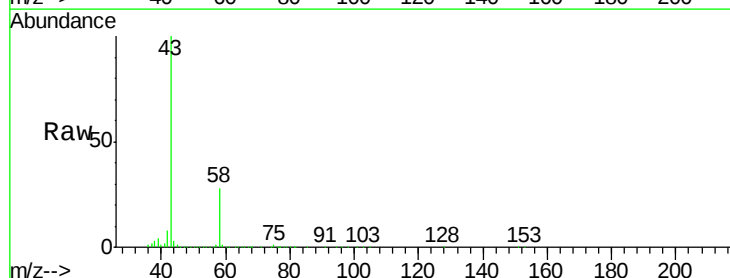
Acq: 13 Jun 2018 21:22

Tgt Ion: 43 Resp: 336849

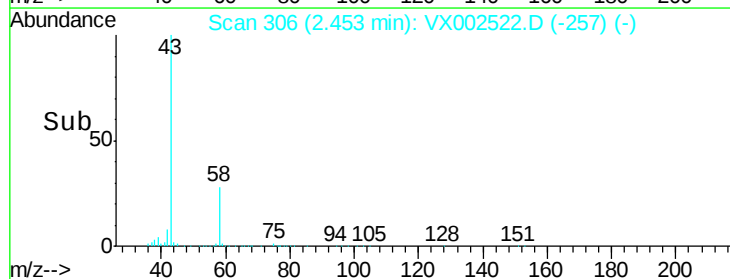
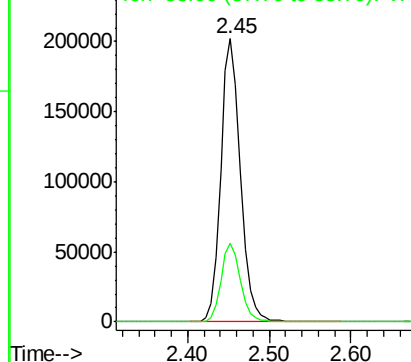
Ion Ratio Lower Upper

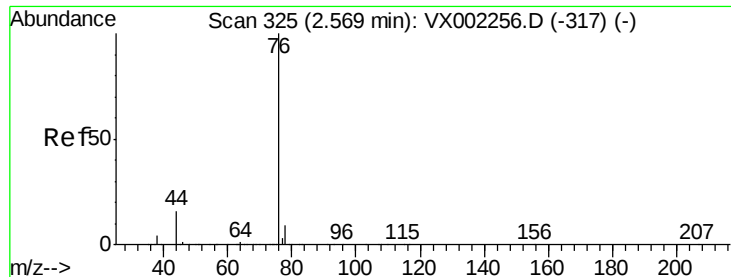
43 100

58 27.8 22.1 33.1



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





#17

Carbon Disulfide

Concen: 36.02 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX002522.D

Acq: 13 Jun 2018 21:22

Instrument :

MSVOA_X

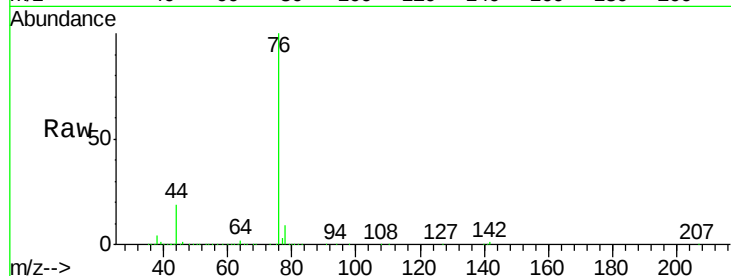
ClientSampleId :

Tot Ion: 76 Resp: 179651

Ion Ratio Lower Upper

76 100

78 9.4 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

120000

100000

80000

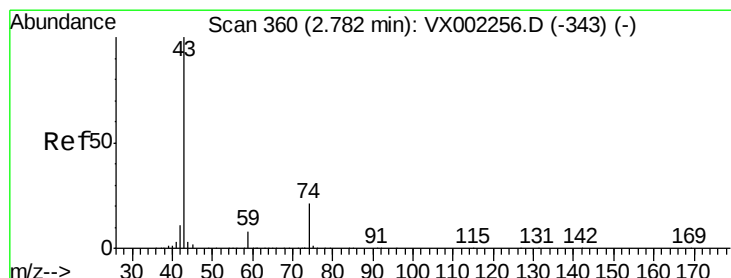
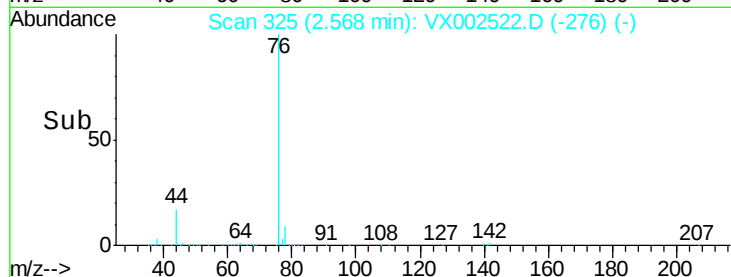
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 70.69 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX002522.D

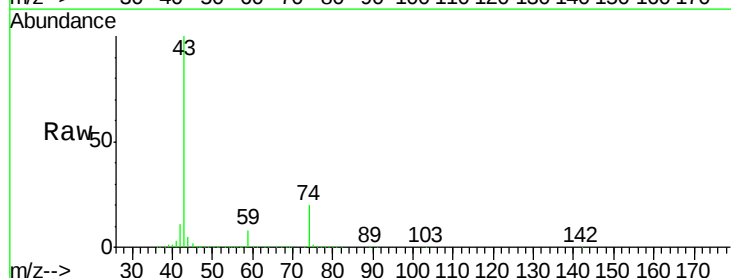
Acq: 13 Jun 2018 21:22

Tgt Ion: 43 Resp: 177202

Ion Ratio Lower Upper

43 100

74 20.8 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

120000

100000

80000

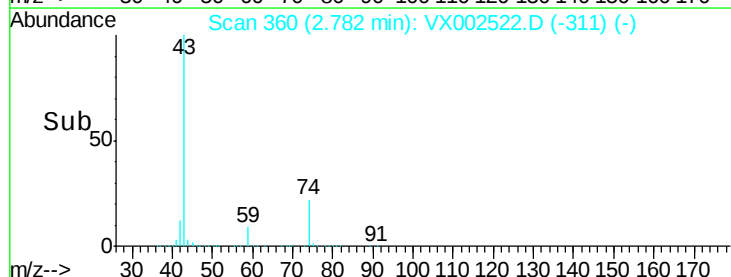
60000

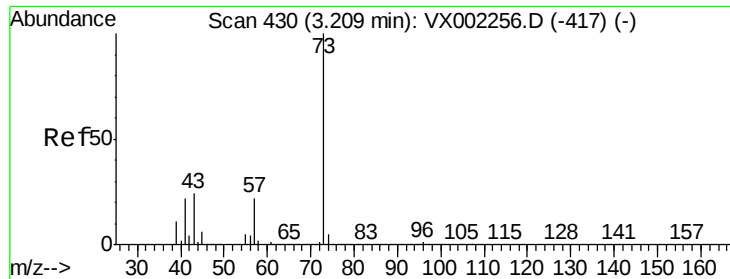
40000

20000

0

Time-->

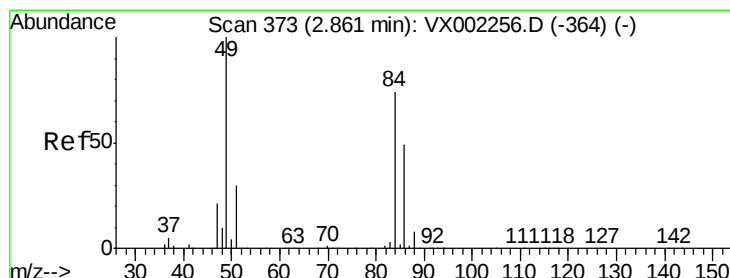
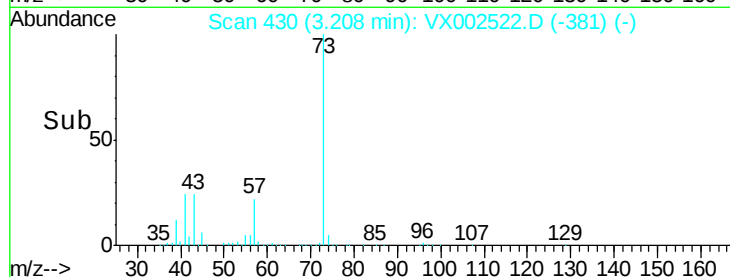
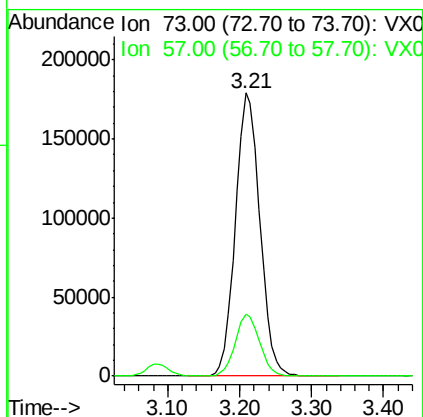
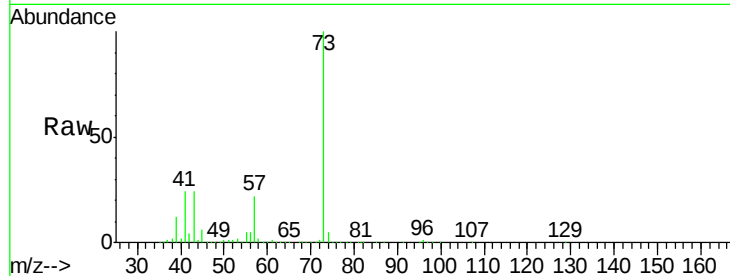




#19
Methvl tert-butvl Ether
Concen: 64.87 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002522.D
Acq: 13 Jun 2018 21:22

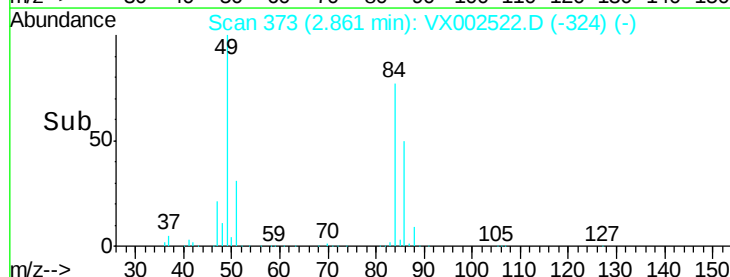
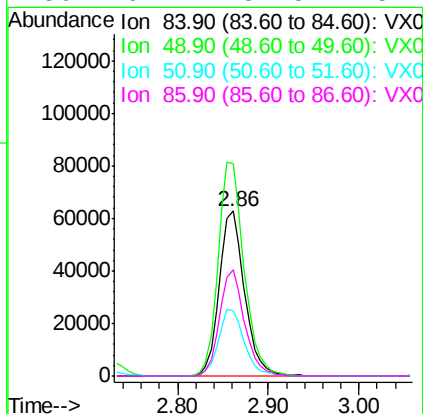
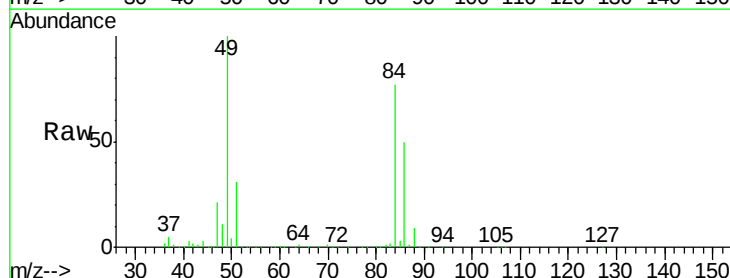
Instrument :
MSVOA_X
ClientSampleId :

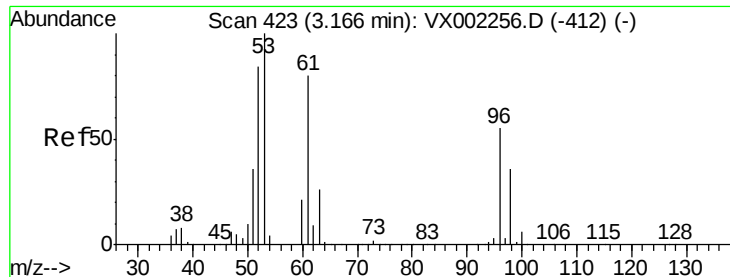
Tot Ion: 73 Resp: 422832
Ion Ratio Lower Upper
73 100
57 21.9 17.7 26.5



#20
Methylene Chloride
Concen: 61.53 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002522.D
Acq: 13 Jun 2018 21:22

Tgt Ion: 84 Resp: 122410
Ion Ratio Lower Upper
84 100
49 128.8 107.8 161.6
51 39.8 32.8 49.2
86 64.7 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 48.83 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002522.D

Acq: 13 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampled :

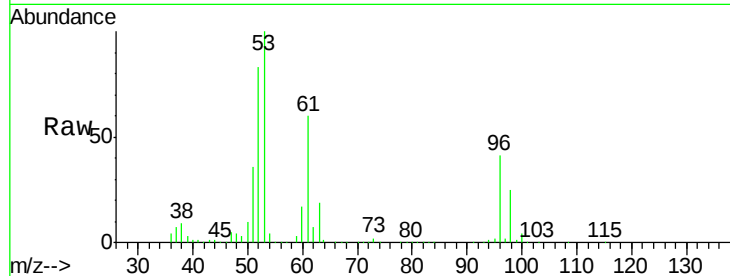
Tot Ion: 96 Resp: 101911

Ion Ratio Lower Upper

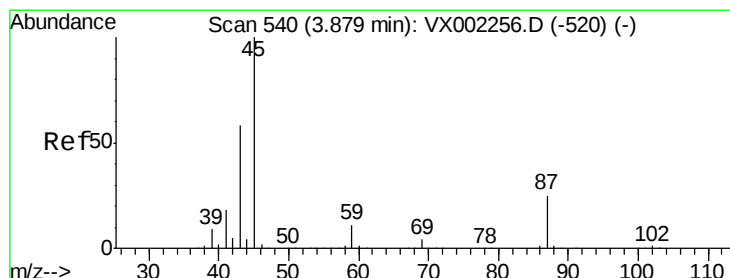
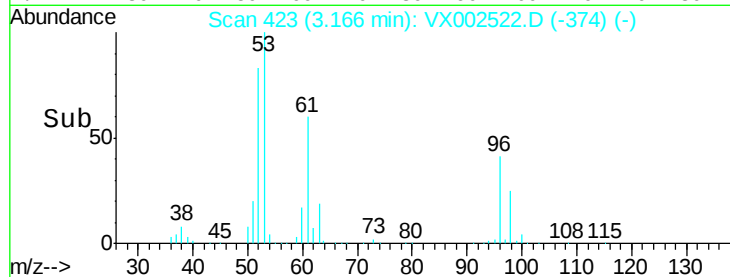
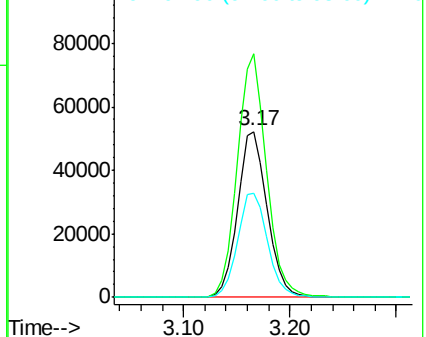
96 100

61 146.6 117.0 175.4

98 62.5 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: 54.51 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX002522.D

Acq: 13 Jun 2018 21:22

Tgt Ion: 45 Resp: 373100

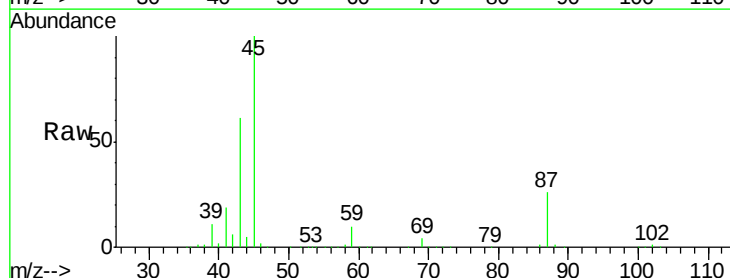
Ion Ratio Lower Upper

45 100

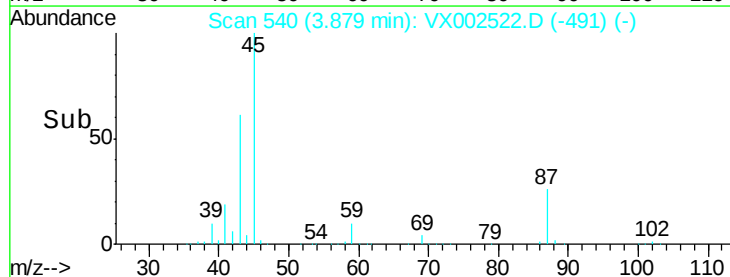
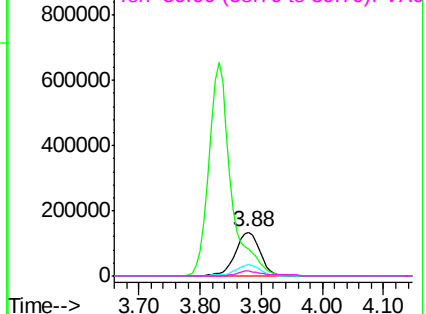
43 60.9 46.8 70.2

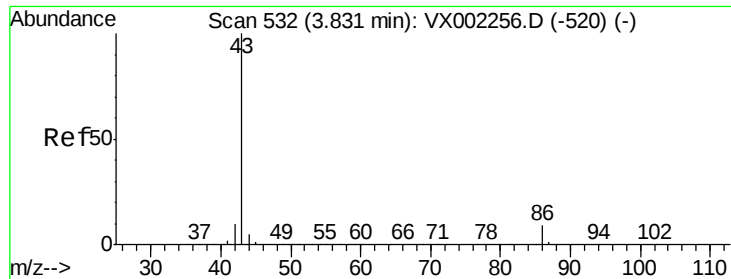
87 25.6 20.2 30.4

59 10.5 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

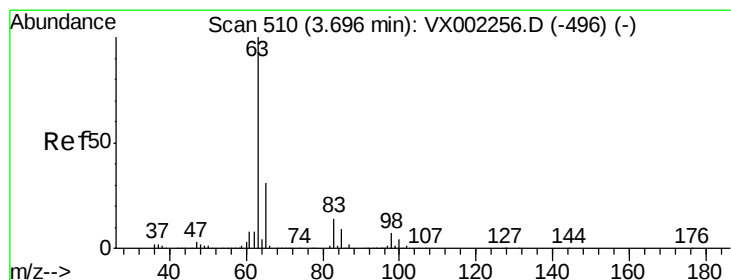
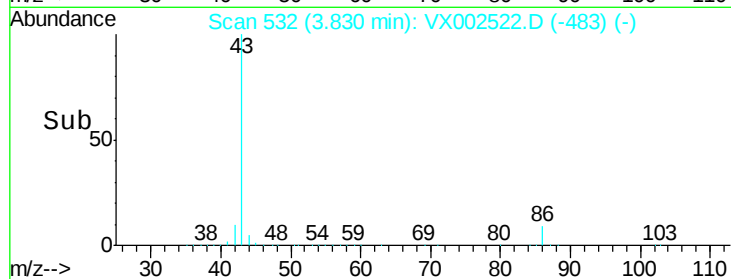
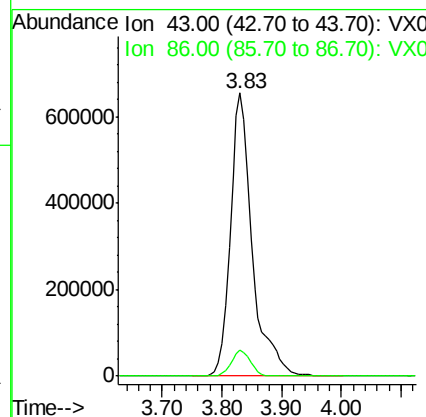
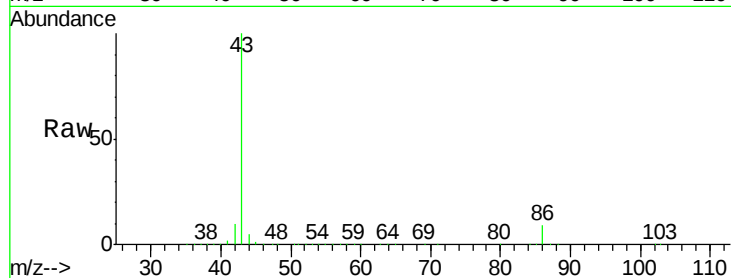




#23
 Vinyl Acetate
 Concen: 249.58 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. -0.00 min
 Lab File: VX002522.D
 Acq: 13 Jun 2018 21:22

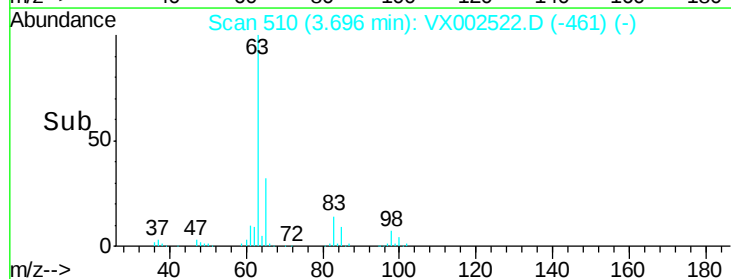
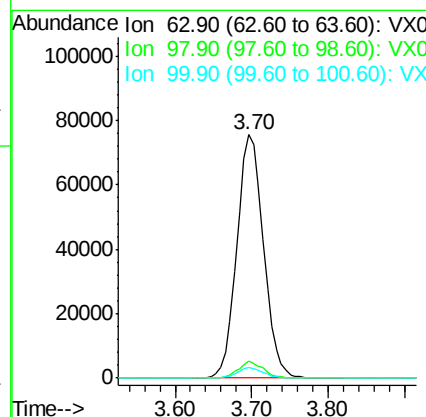
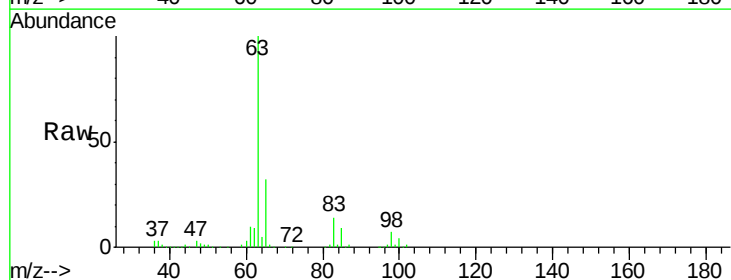
Instrument :
 MSVOA_X
 ClientSampleId :

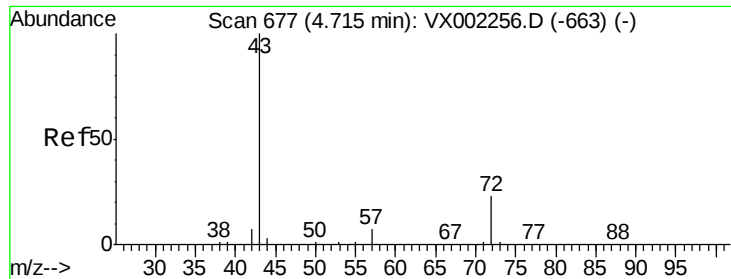
Tot Ion: 43 Resp: 1661786
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.4 11.0



#24
 1,1-Dichloroethane
 Concen: 44.84 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: VX002522.D
 Acq: 13 Jun 2018 21:22

Tgt Ion: 63 Resp: 182021
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.2
 100 4.3 2.0 6.0





#25

2-Butanone

Concen: 258.65 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX002522.D

Acq: 13 Jun 2018 21:22

Instrument :

MSVOA_X

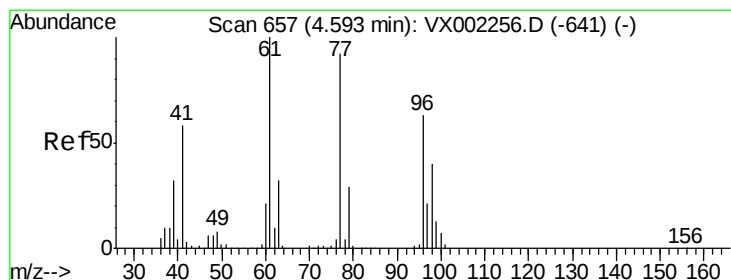
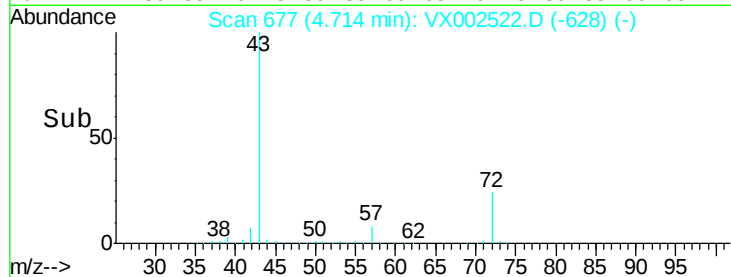
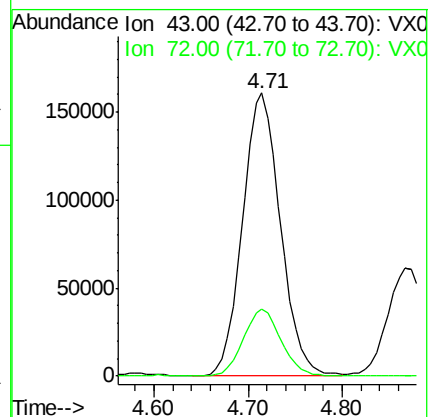
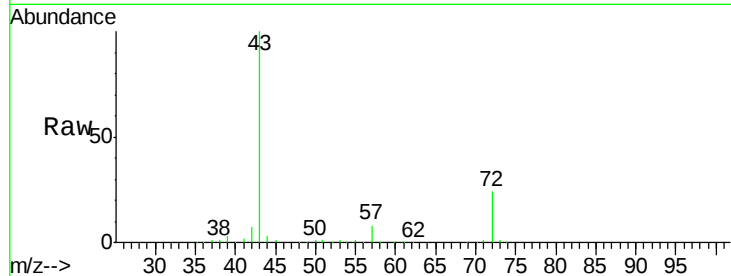
ClientSampleId :

Tot Ion: 43 Resp: 450854

Ion Ratio Lower Upper

43 100

72 23.7 18.5 27.7



#26

2,2-Dichloropropane

Concen: 38.89 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002522.D

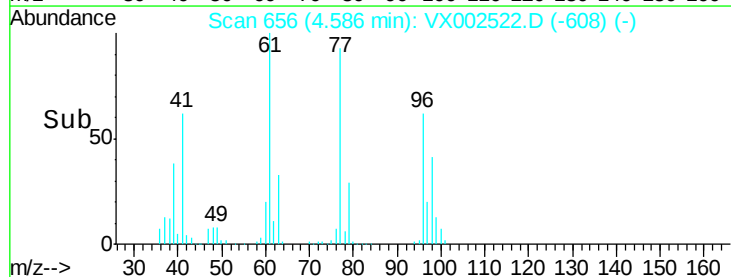
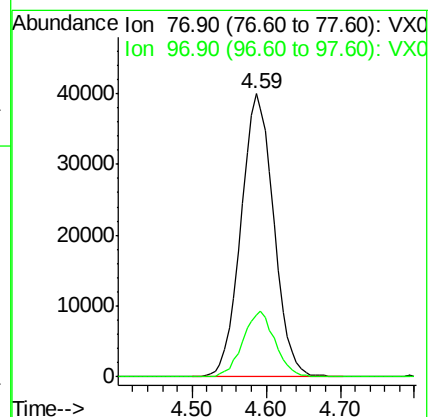
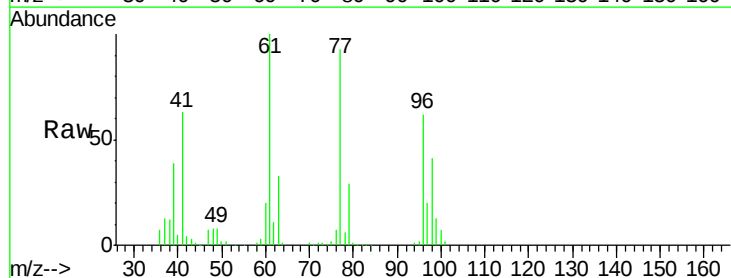
Acq: 13 Jun 2018 21:22

Tgt Ion: 77 Resp: 123411

Ion Ratio Lower Upper

77 100

97 22.8 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 48.29 ug/l

RT: 4.60 min Scan# 659

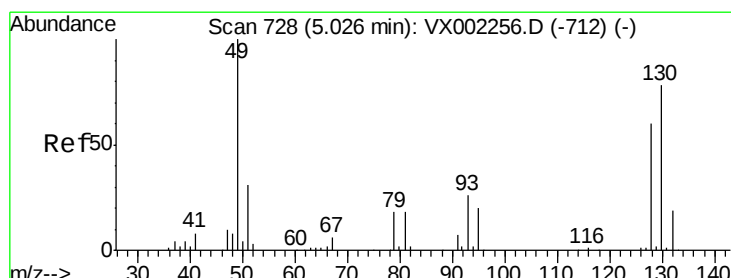
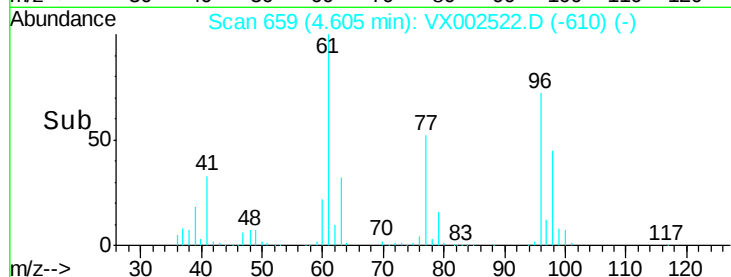
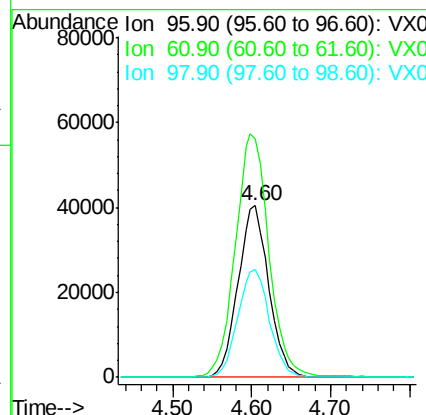
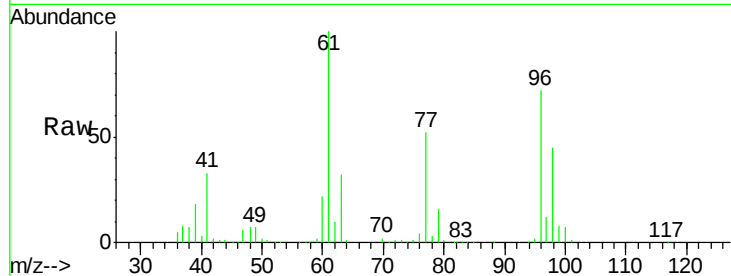
Delta R.T. -0.00 min

Lab File: VX002522.D

Acq: 13 Jun 2018 21:22

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	96	Resp:	109601
Ion	Ratio	Lower	Upper
96	100		
61	155.1	0.0	330.2
98	64.7	0.0	130.2



#28

Bromochloromethane

Concen: 59.84 ug/l

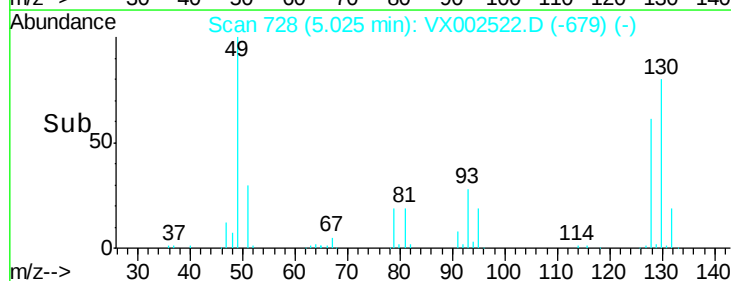
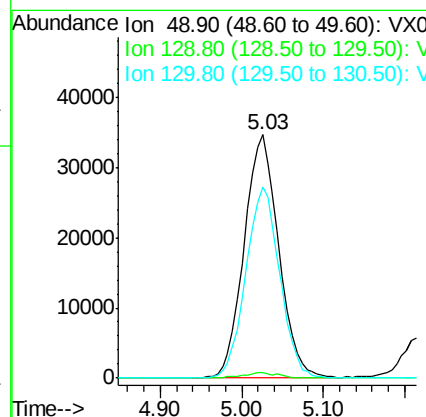
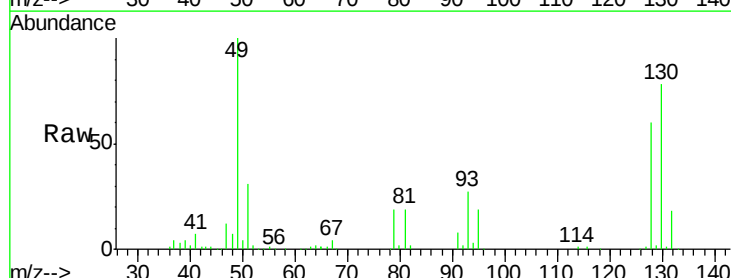
RT: 5.03 min Scan# 728

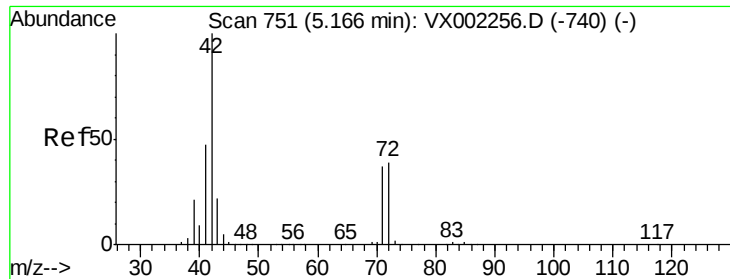
Delta R.T. 0.00 min

Lab File: VX002522.D

Acq: 13 Jun 2018 21:22

Tgt Ion:	49	Resp:	102101
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.2
130	77.0	61.2	91.8

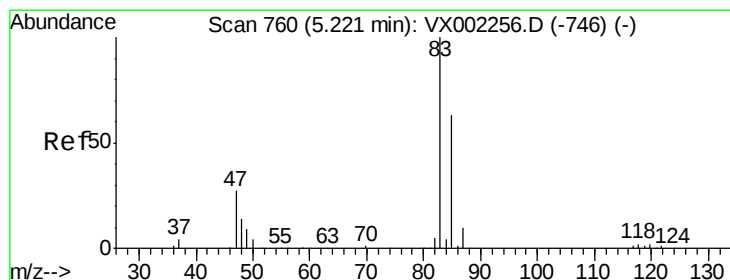
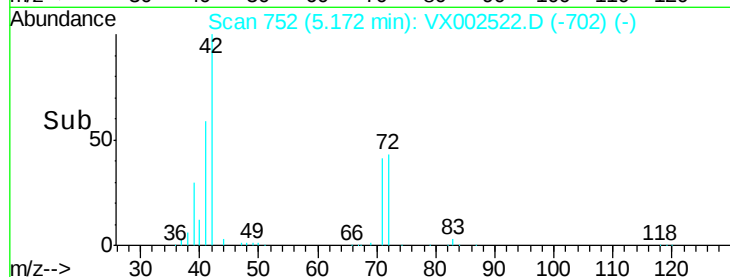
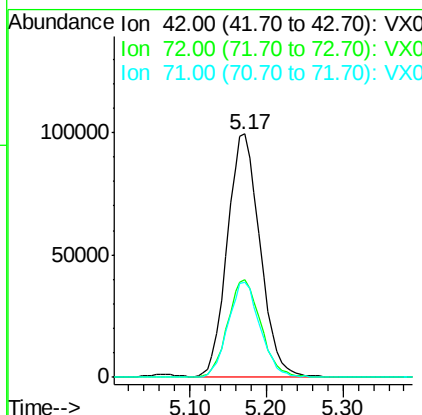
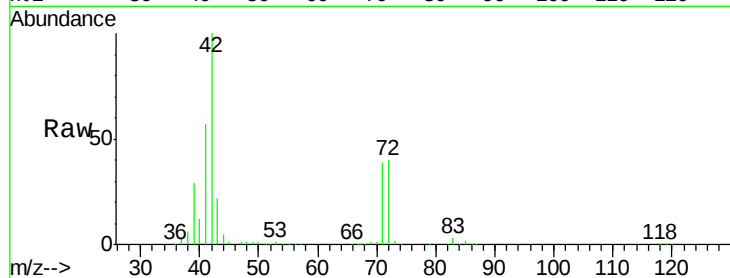




#29
Tetrahydrofuran
Concen: 260.41 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX002522.D
Acq: 13 Jun 2018 21:22

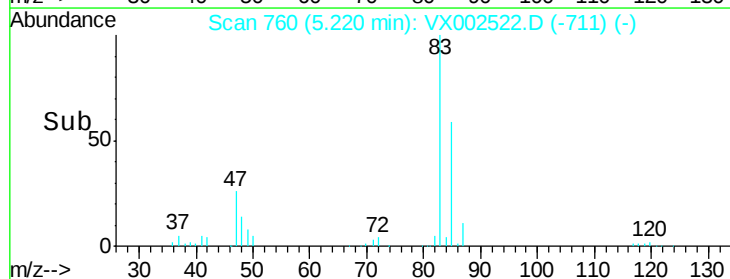
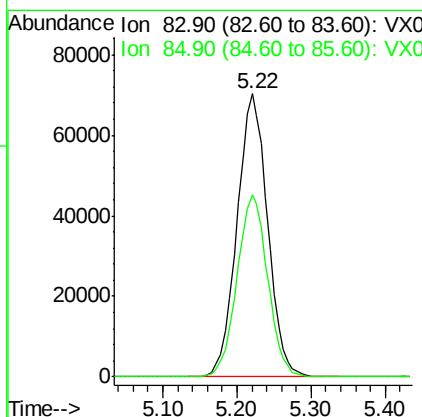
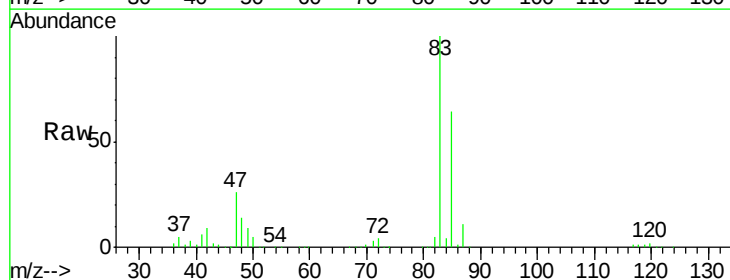
Instrument :
MSVOA_X
ClientSampled :

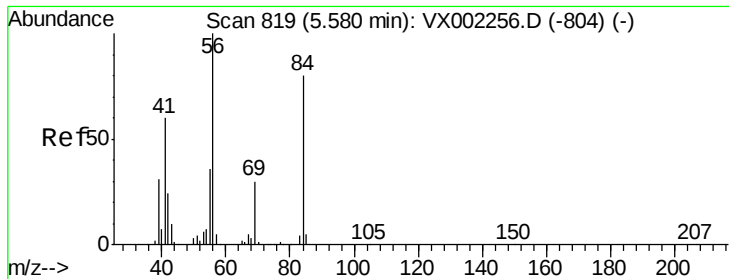
Tot Ion: 42 Resp: 292668
Ion Ratio Lower Upper
42 100
72 40.8 32.0 48.0
71 38.8 30.1 45.1



#30
Chloroform
Concen: 51.70 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002522.D
Acq: 13 Jun 2018 21:22

Tgt Ion: 83 Resp: 202504
Ion Ratio Lower Upper
83 100
85 64.3 50.4 75.6

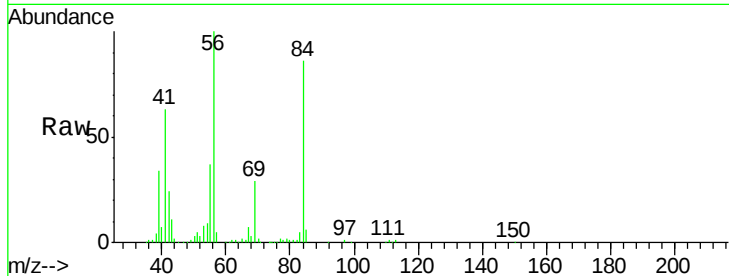




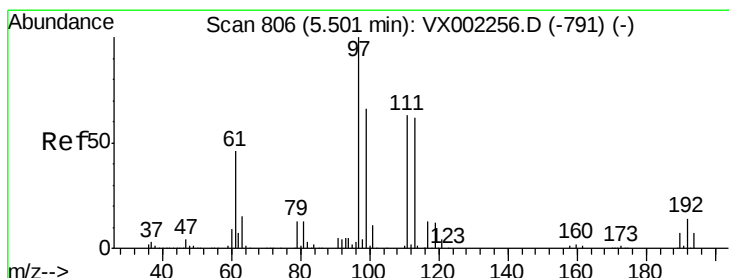
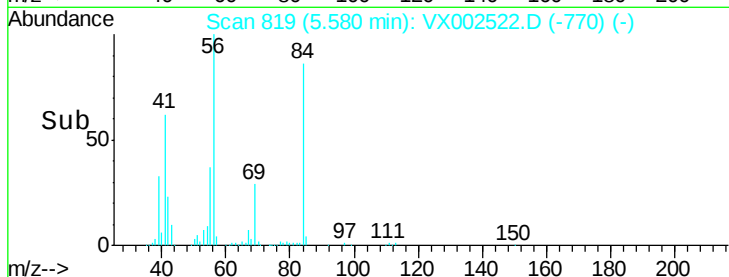
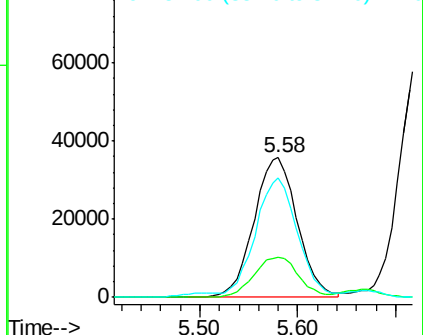
#31
Cyclohexane
Concen: 34.27 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX002522.D
Acq: 13 Jun 2018 21:22

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 110014
Ion Ratio Lower Upper
56 100
69 28.7 23.7 35.5
84 83.3 64.1 96.1

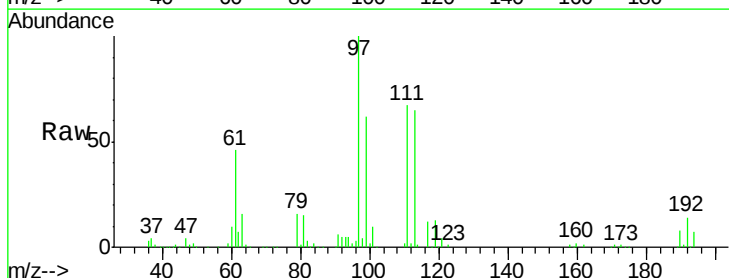


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

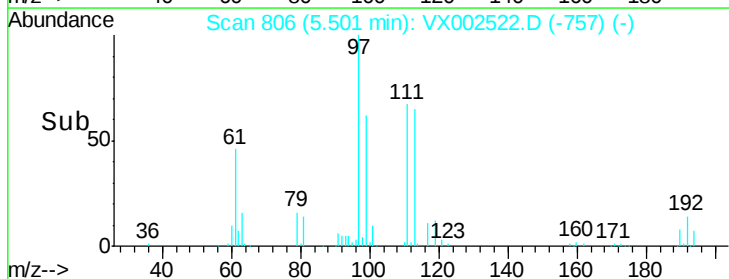
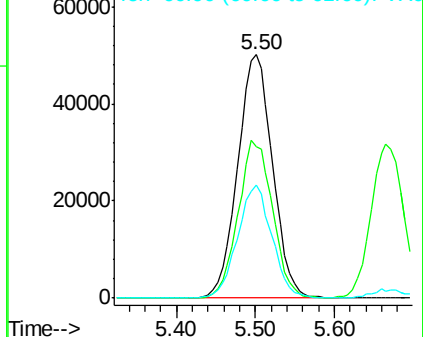


#32
1,1,1-Trichloroethane
Concen: 46.29 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX002522.D
Acq: 13 Jun 2018 21:22

Tgt Ion: 97 Resp: 153790
Ion Ratio Lower Upper
97 100
99 64.0 51.6 77.4
61 45.8 36.4 54.6



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

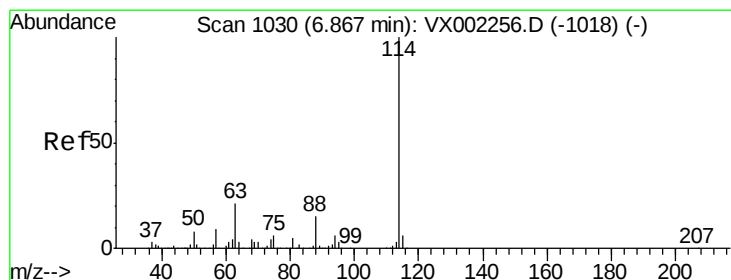
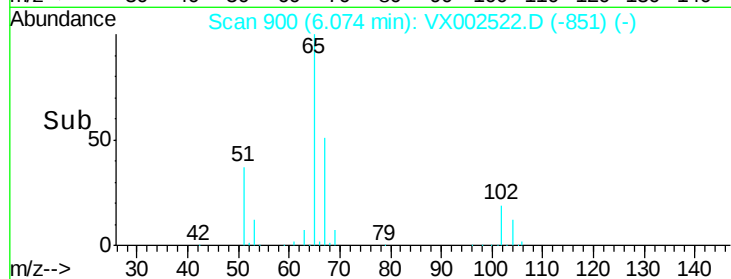
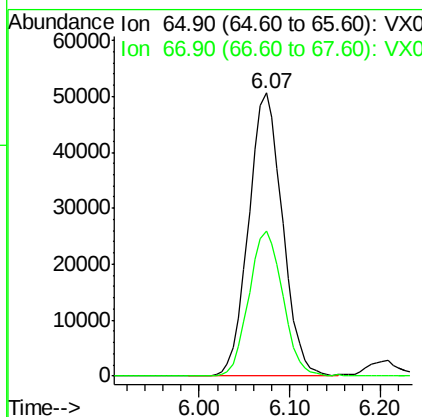
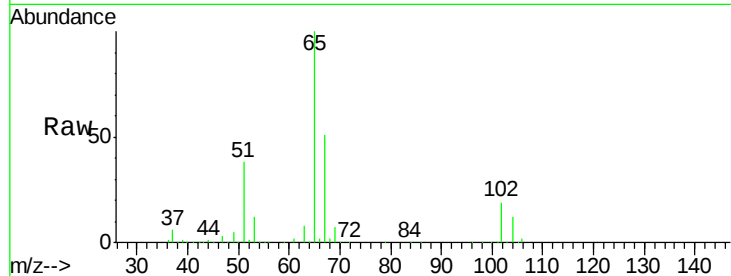




#33
 1,2-Dichloroethane-d4
 Concen: 51.55 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002522.D
 Acq: 13 Jun 2018 21:22

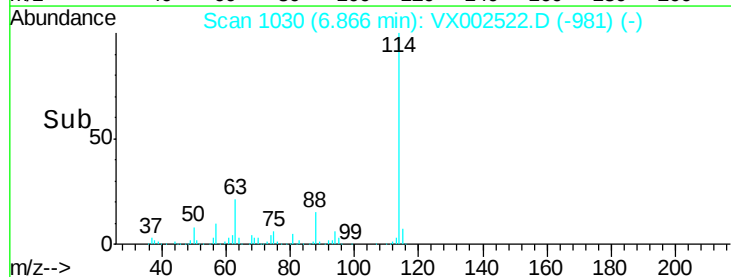
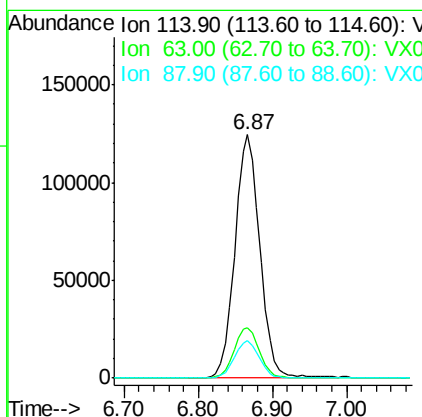
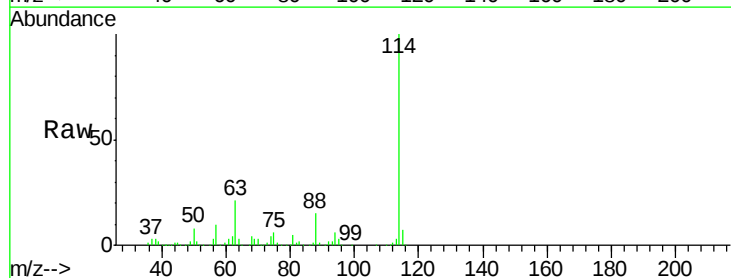
Instrument :
 MSVOA_X
 ClientSampled :

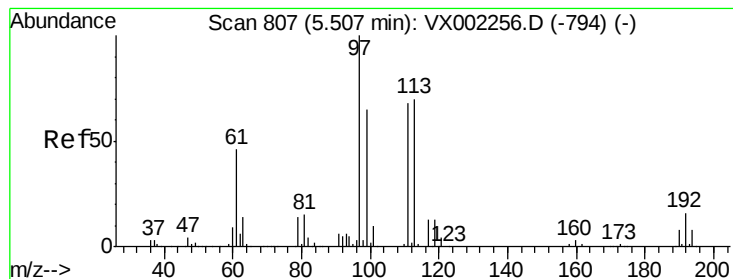
Tot Ion: 65 Resp: 130791
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002522.D
 Acq: 13 Jun 2018 21:22

Tgt Ion: 114 Resp: 292357
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 41.4
 88 15.4 0.0 30.0





#35

Dibromofluoromethane

Concen: 43.53 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX002522.D

Acq: 13 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

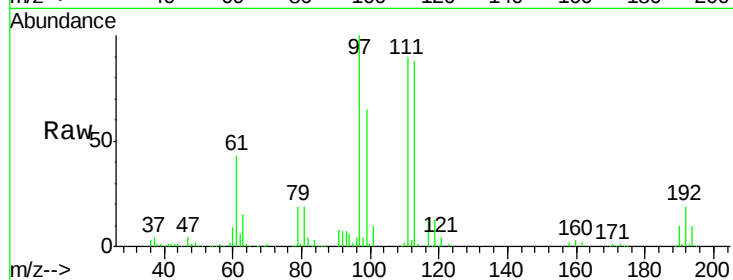
Tot Ion:113 Resp: 100077

Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.0

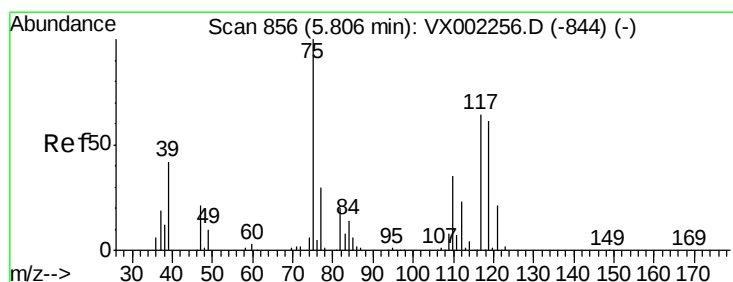
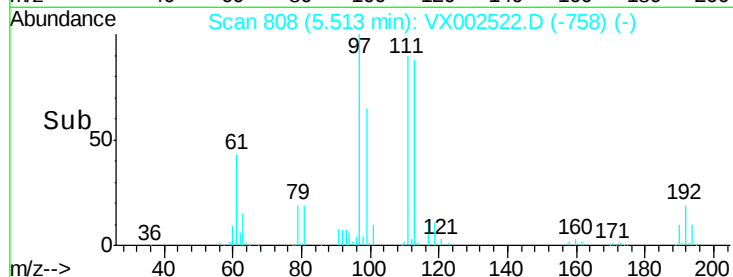
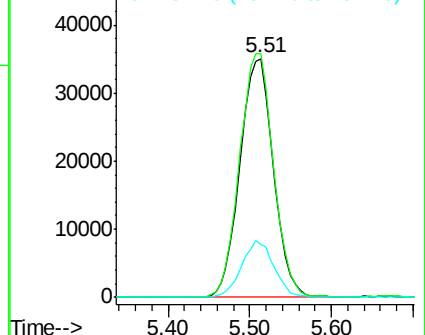
192 22.9 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 38.47 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.01 min

Lab File: VX002522.D

Acq: 13 Jun 2018 21:22

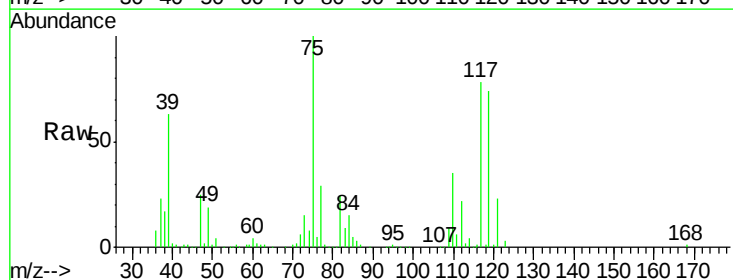
Tgt Ion: 75 Resp: 118237

Ion Ratio Lower Upper

75 100

110 35.8 18.1 54.4

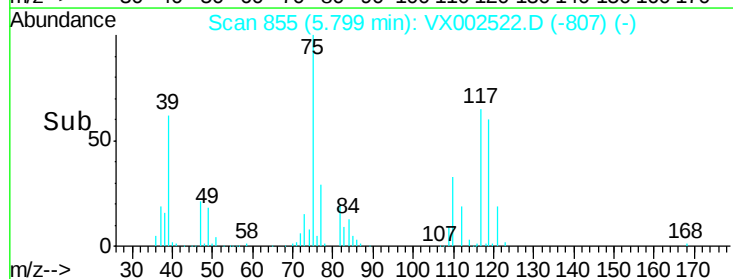
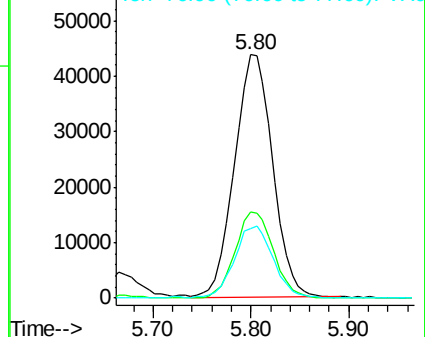
77 29.9 24.3 36.5

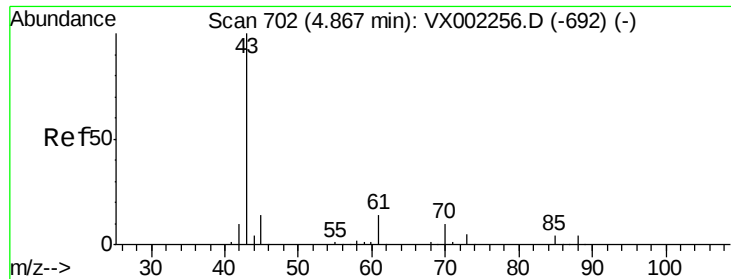


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 48.79 ug/l

RT: 4.87 min Scan# 702

Delta R.T. -0.00 min

Lab File: VX002522.D

Acq: 13 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampled :

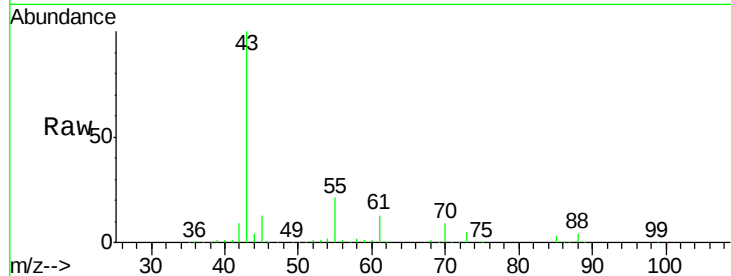
Tot Ion: 43 Resp: 180354

Ion Ratio Lower Upper

43 100

61 12.7 10.4 15.6

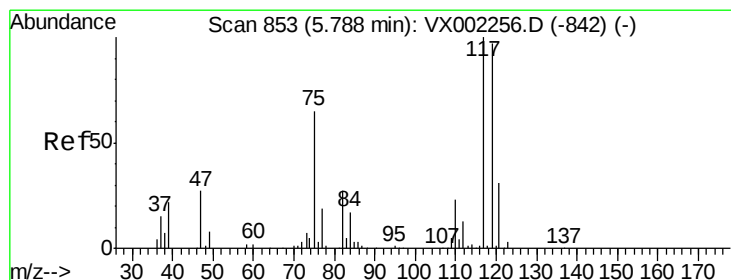
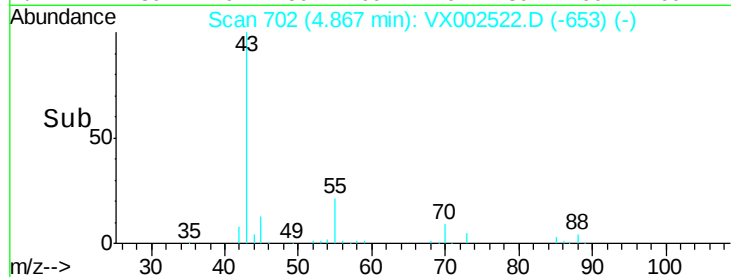
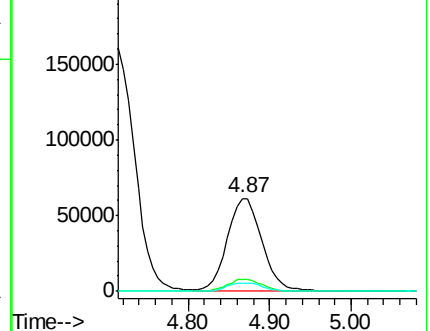
70 9.3 7.6 11.4



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

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

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



#38

Carbon Tetrachloride

Concen: 38.61 ug/l

RT: 5.79 min Scan# 853

Delta R.T. -0.00 min

Lab File: VX002522.D

Acq: 13 Jun 2018 21:22

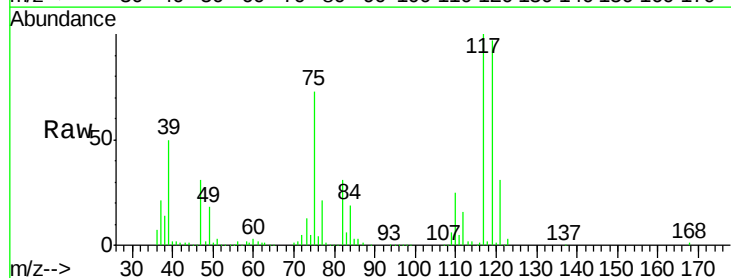
Tgt Ion: 117 Resp: 124140

Ion Ratio Lower Upper

117 100

119 96.7 77.4 116.0

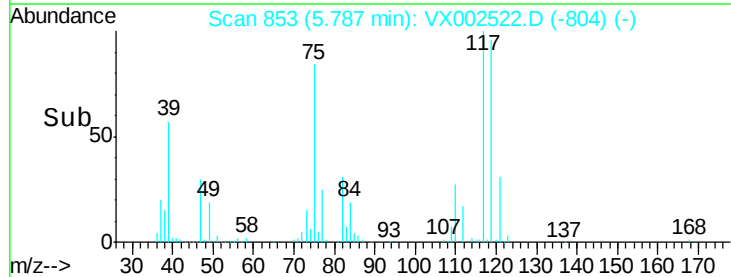
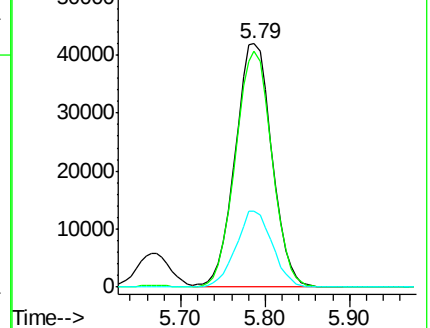
121 31.4 24.4 36.6



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

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

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

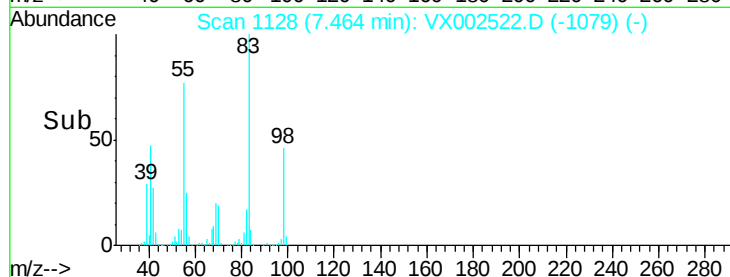
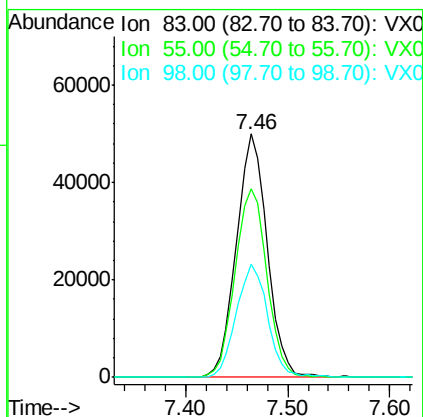
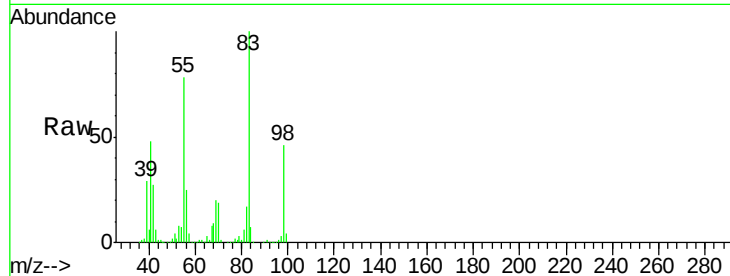




#39
Methvlcvclohexane
Concen: 27.84 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002522.D
Acq: 13 Jun 2018 21:22

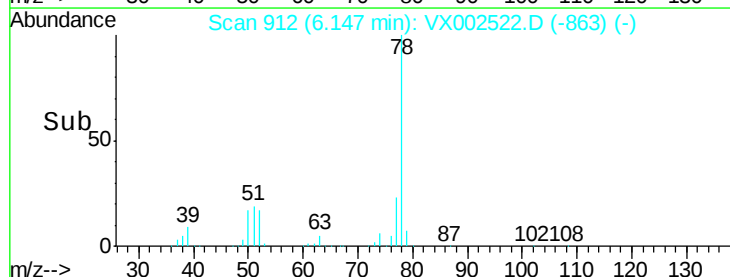
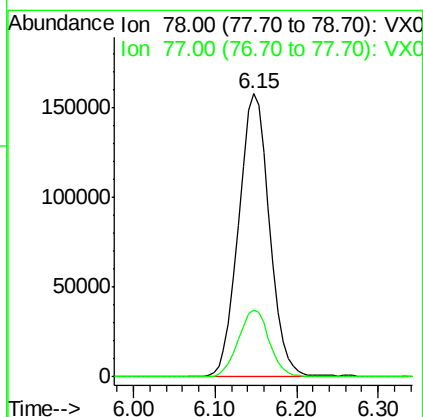
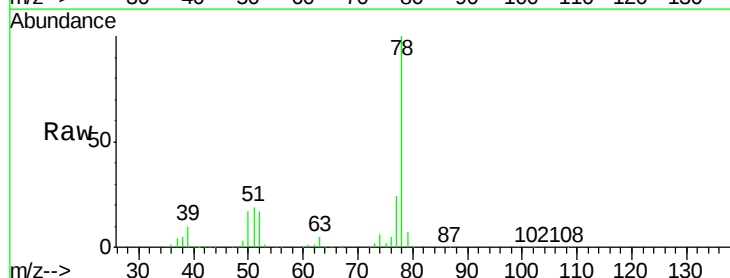
Instrument :
MSVOA_X
ClientSampleId :

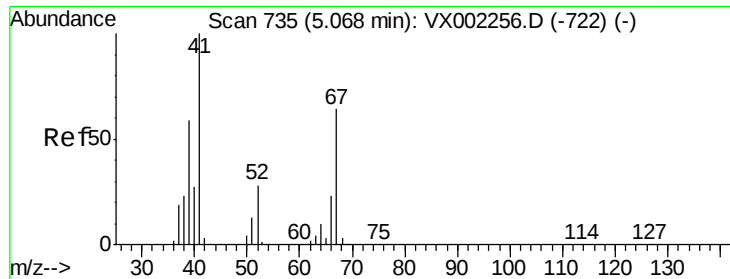
Tot Ion: 83 Resp: 105281
Ion Ratio Lower Upper
83 100
55 77.5 65.4 98.0
98 46.4 37.4 56.0



#40
Benzene
Concen: 44.03 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002522.D
Acq: 13 Jun 2018 21:22

Tgt Ion: 78 Resp: 414932
Ion Ratio Lower Upper
78 100
77 23.7 19.1 28.7

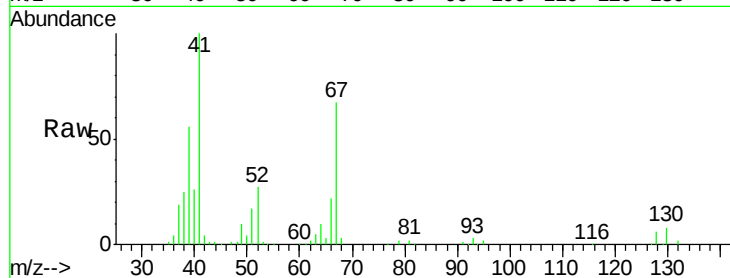




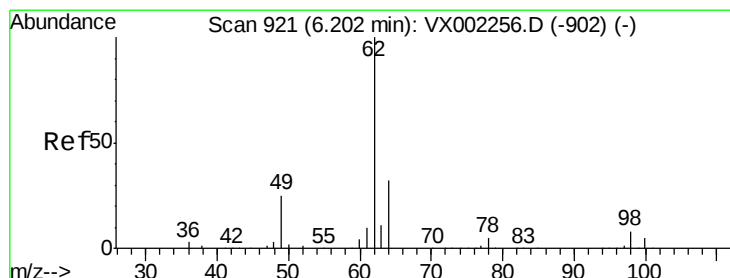
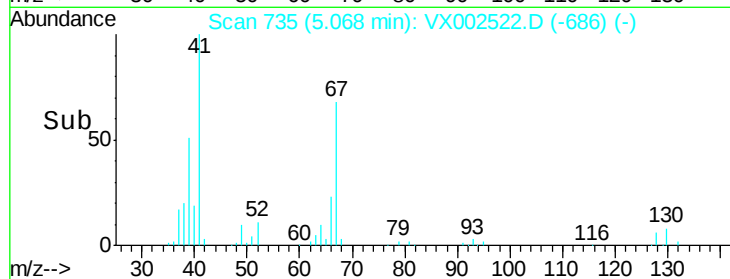
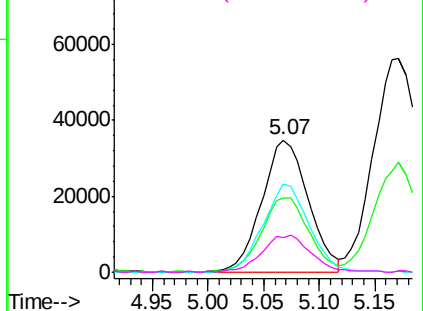
#41
Methacrylonitrile
Concen: 47.79 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002522.D
Acq: 13 Jun 2018 21:22

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	101117
Ion	Ratio	Lower	Upper
41	100		
39	56.6	45.8	68.6
67	66.5	51.3	76.9
52	29.0	23.0	34.6

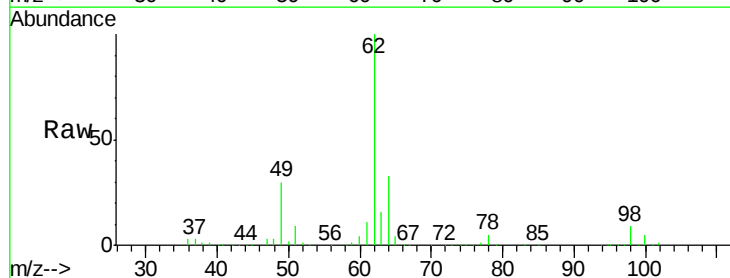


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

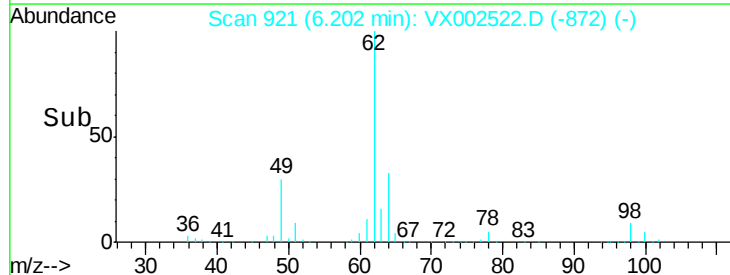
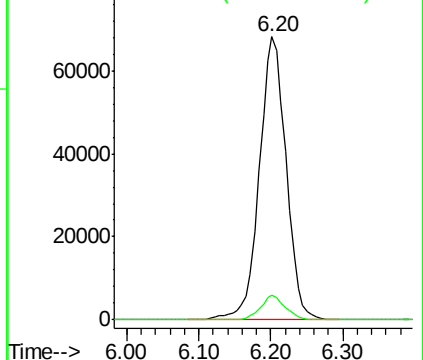


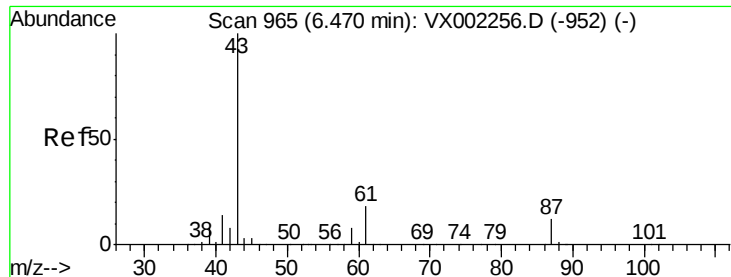
#42
1,2-Dichloroethane
Concen: 47.07 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002522.D
Acq: 13 Jun 2018 21:22

Tgt Ion:	62	Resp:	176240
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	16.6



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



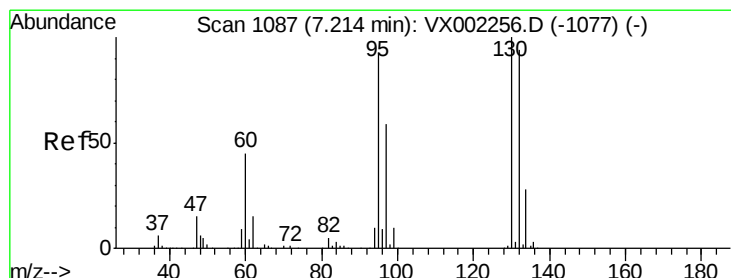
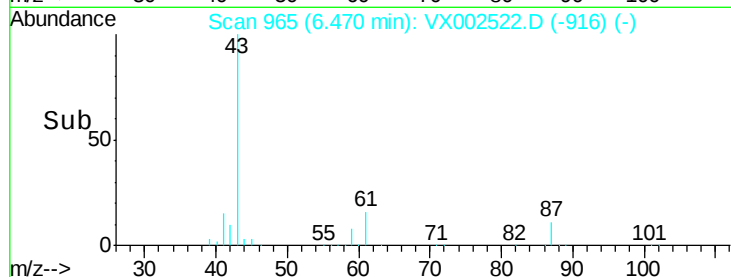
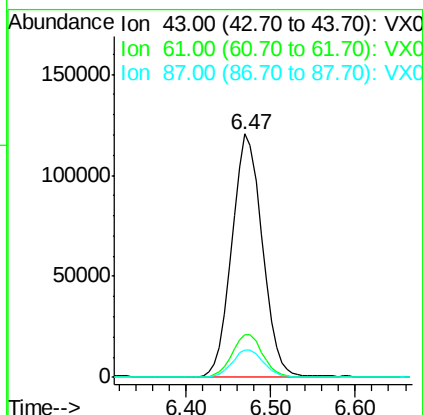
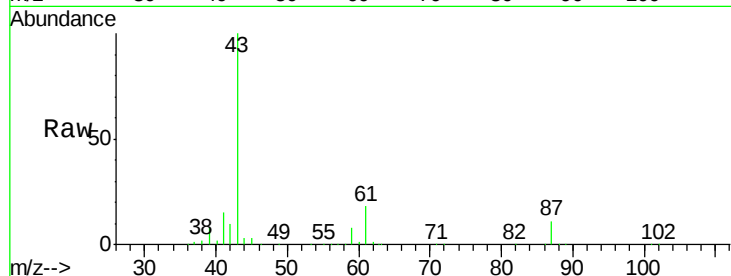


#43

Isopropyl Acetate
 Concen: 46.94 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VX002522.D
 Acq: 13 Jun 2018 21:22

Instrument :
 MSVOA_X
 ClientSampleId :

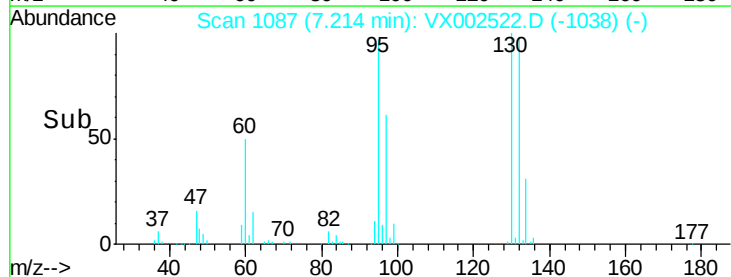
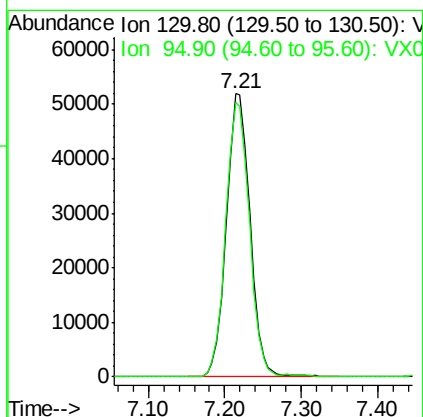
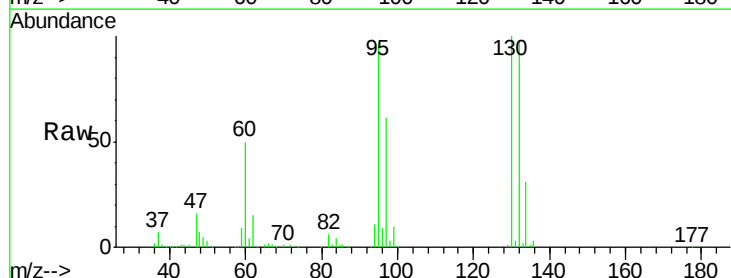
Tot Ion	43	Resp	294679
Ion Ratio	Lower	Upper	
43	100		
61	17.8	14.4	21.6
87	11.8	9.5	14.3

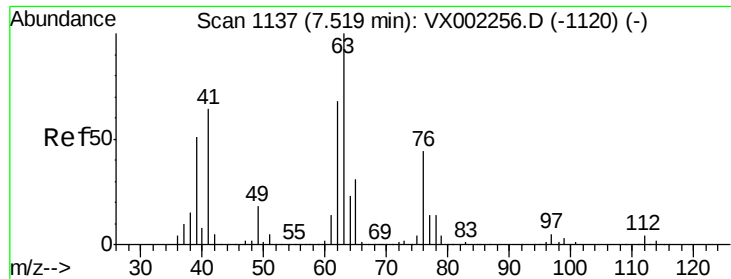


#44

Trichloroethene
 Concen: 42.50 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX002522.D
 Acq: 13 Jun 2018 21:22

Tgt Ion	130	Resp	111154
Ion Ratio	Lower	Upper	
130	100		
95	96.8	0.0	185.4

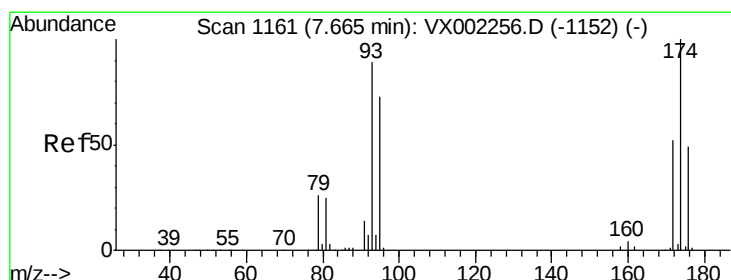
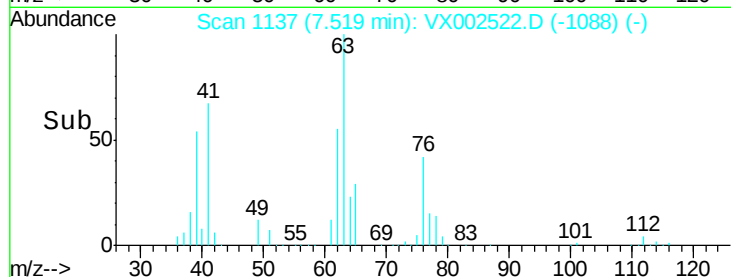
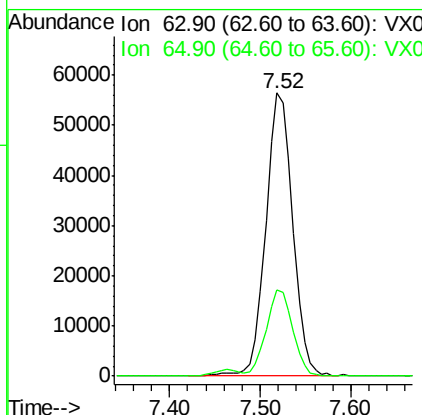
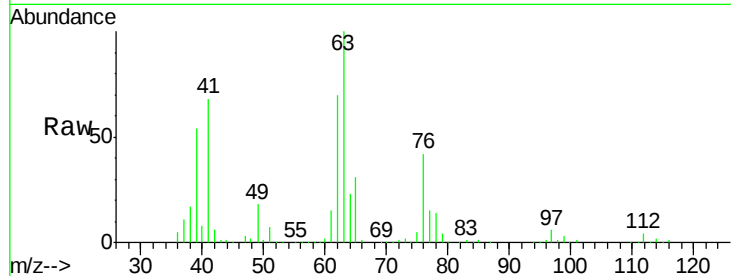




#45
 1,2-Dichloropropane
 Concen: 45.74 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002522.D
 Acq: 13 Jun 2018 21:22

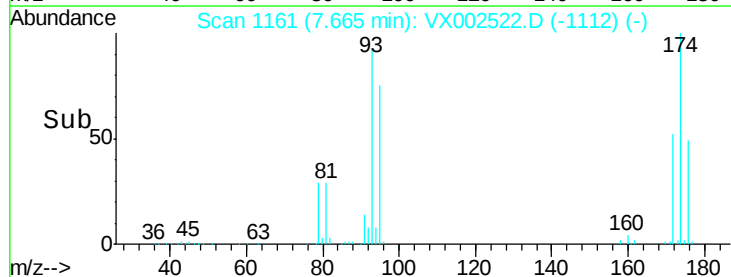
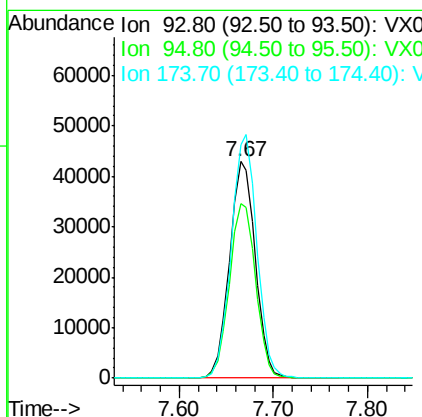
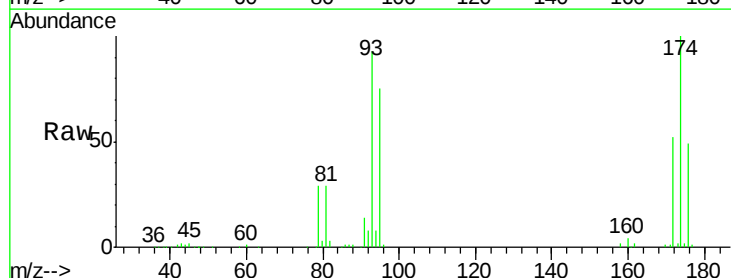
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 63 Resp: 116377
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.7 37.1



#46
 Dibromomethane
 Concen: 47.48 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002522.D
 Acq: 13 Jun 2018 21:22

Tgt Ion: 93 Resp: 81889
 Ion Ratio Lower Upper
 93 100
 95 82.3 65.9 98.9
 174 111.4 92.4 138.6

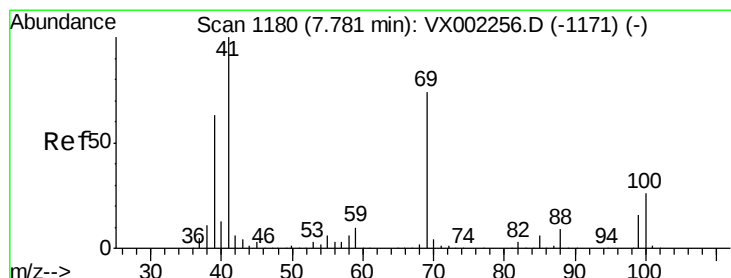
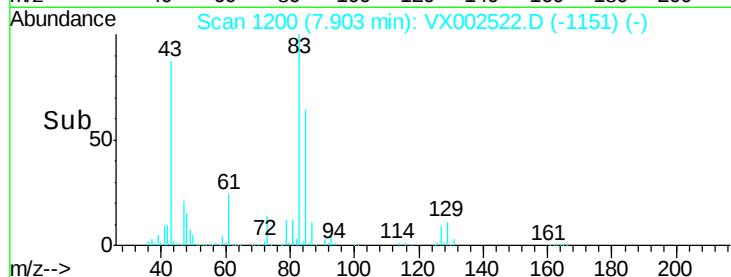
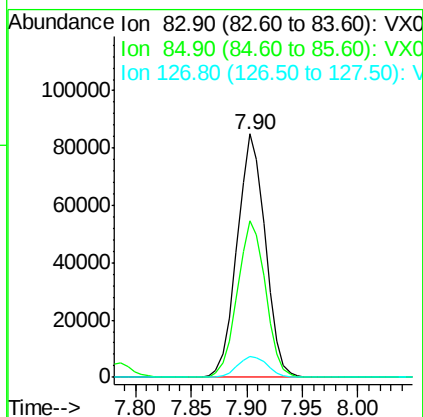
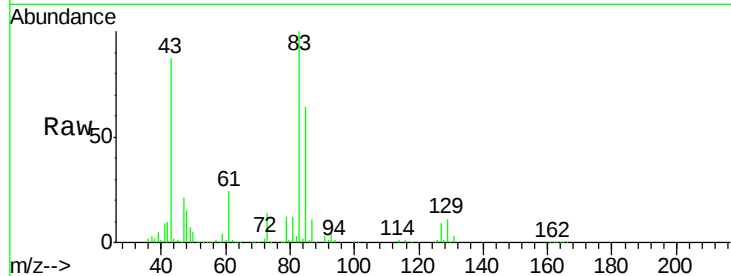




#47
Bromodichloromethane
Concen: 47.81 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. -0.00 min
Lab File: VX002522.D
Acq: 13 Jun 2018 21:22

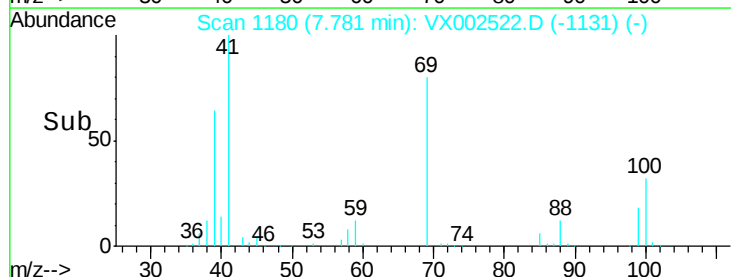
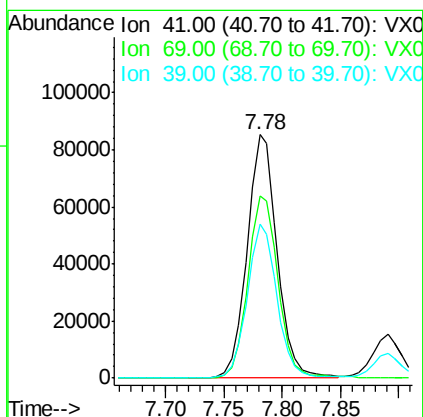
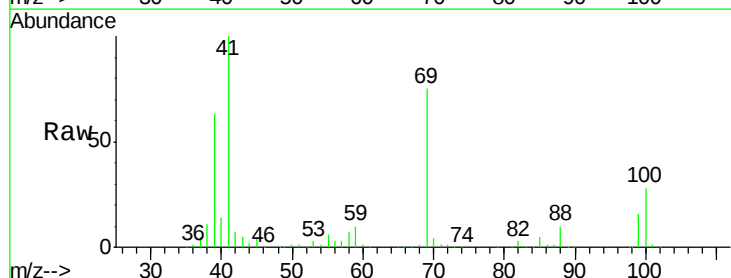
Instrument :
MSVOA_X
ClientSampleId :

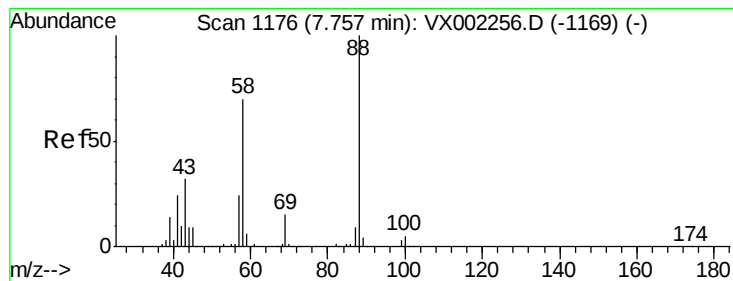
Tot Ion: 83 Resp: 149126
Ion Ratio Lower Upper
83 100
85 64.2 50.3 75.5
127 8.7 7.0 10.4



#48
Methyl methacrylate
Concen: 48.49 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VX002522.D
Acq: 13 Jun 2018 21:22

Tgt Ion: 41 Resp: 152926
Ion Ratio Lower Upper
41 100
69 76.1 59.1 88.7
39 62.8 48.9 73.3





#49

1,4-Dioxane

Concen: 964.30 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.01 min

Lab File: VX002522.D

Acq: 13 Jun 2018 21:22

Instrument :
MSVOA_X
ClientSampleId :

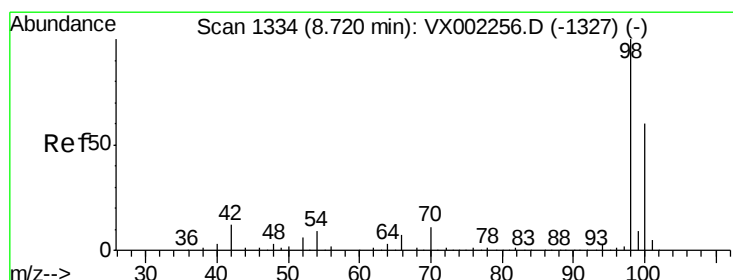
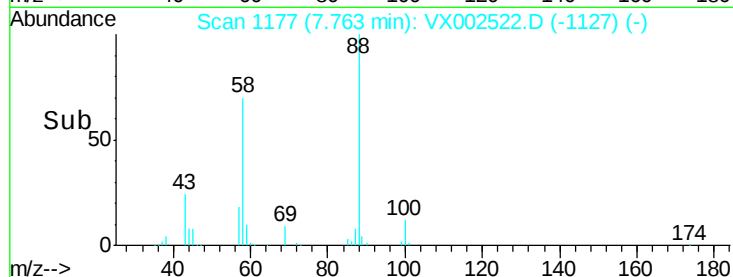
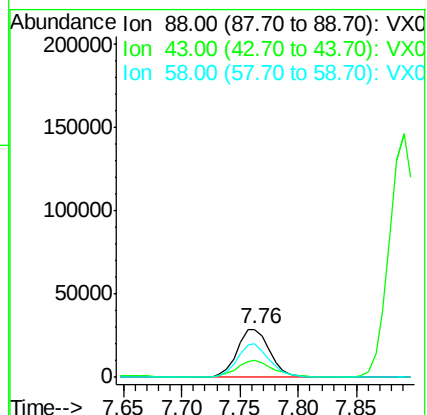
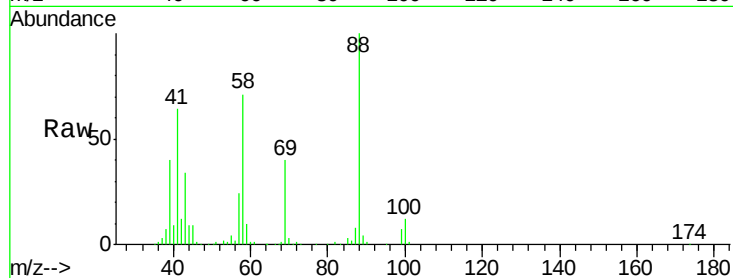
Tot Ion: 88 Resp: 56859

Ion Ratio Lower Upper

88 100

43 37.4 29.8 44.6

58 69.6 57.1 85.7



#50

Toluene-d8

Concen: 41.21 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002522.D

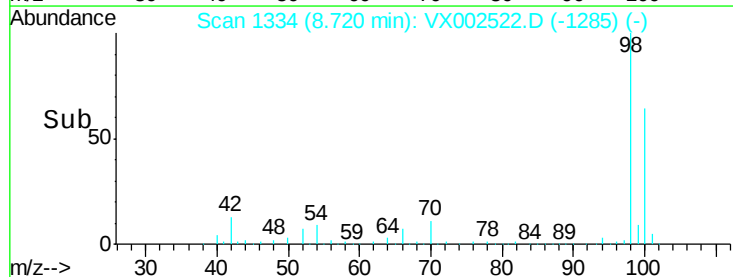
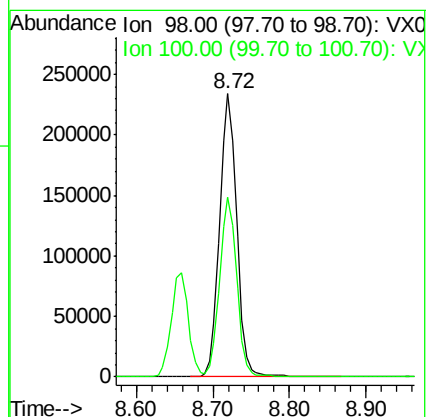
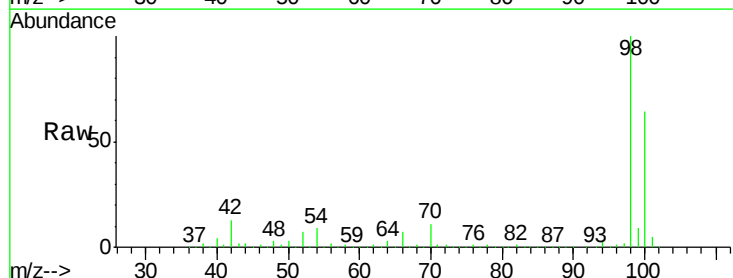
Acq: 13 Jun 2018 21:22

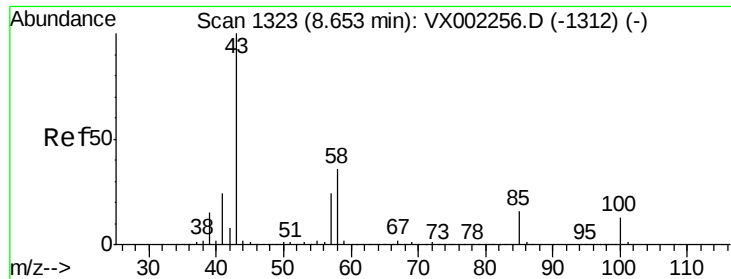
Tgt Ion: 98 Resp: 363142

Ion Ratio Lower Upper

98 100

100 63.3 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 255.01 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002522.D

Acq: 13 Jun 2018 21:22

Instrument :

MSVOA_X

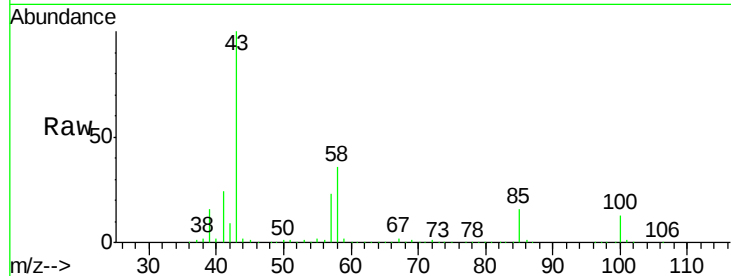
ClientSampleId :

Tot Ion: 43 Resp: 996993

Ion Ratio Lower Upper

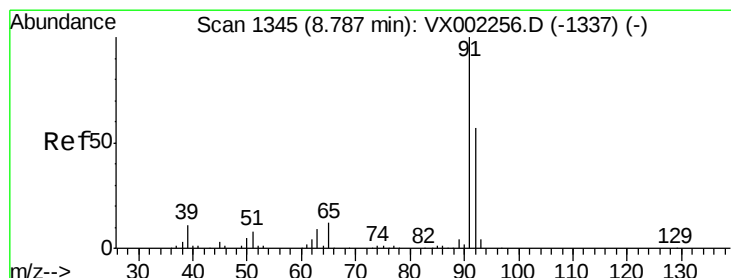
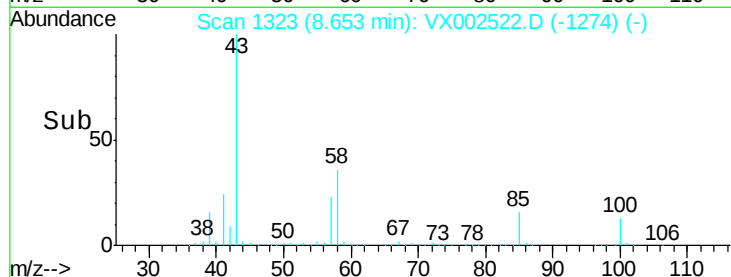
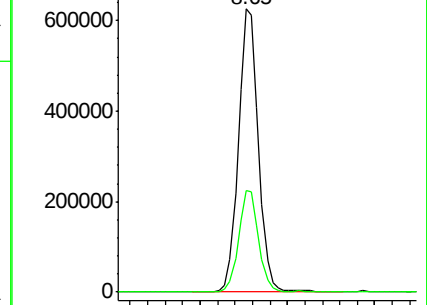
43 100

58 35.7 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: 45.02 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002522.D

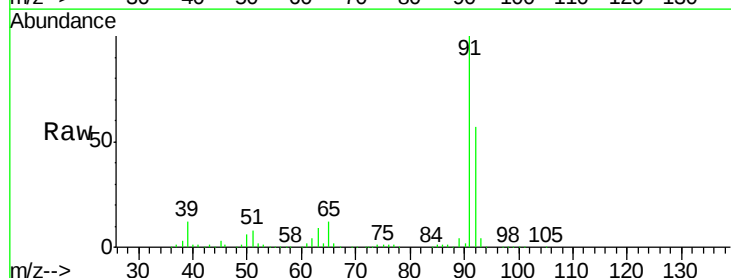
Acq: 13 Jun 2018 21:22

Tgt Ion: 92 Resp: 269867

Ion Ratio Lower Upper

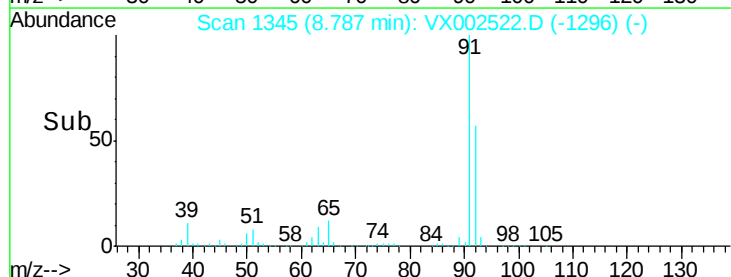
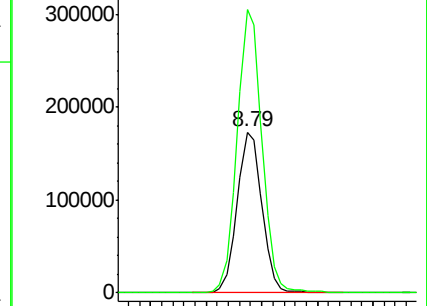
92 100

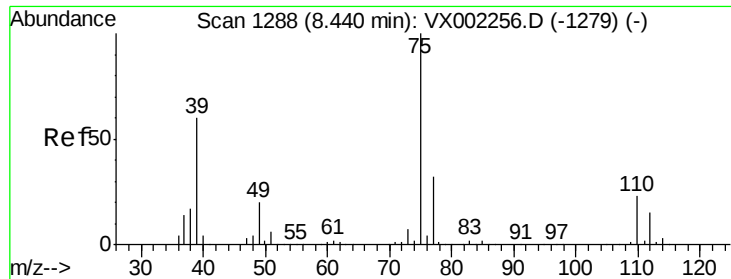
91 176.0 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

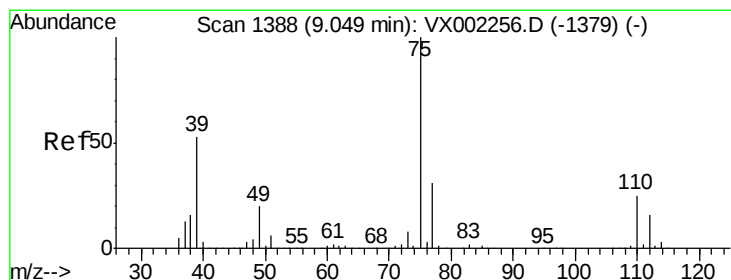
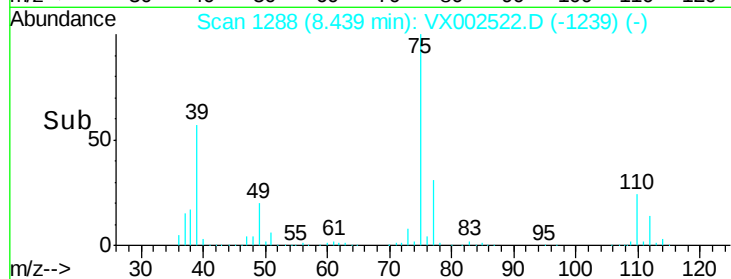
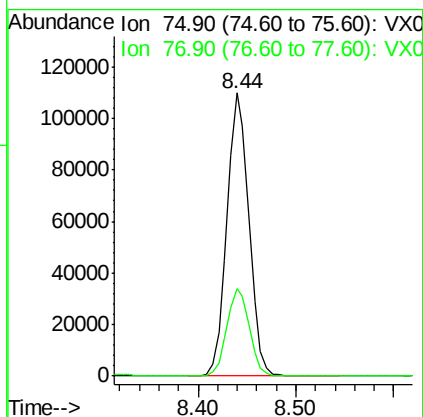
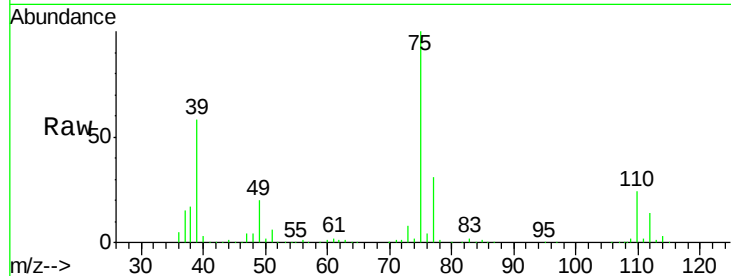




#53
 t-1,3-Dichloropropene
 Concen: 45.80 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: VX002522.D
 Acq: 13 Jun 2018 21:22

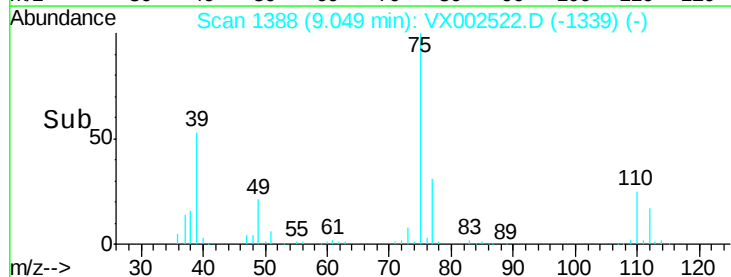
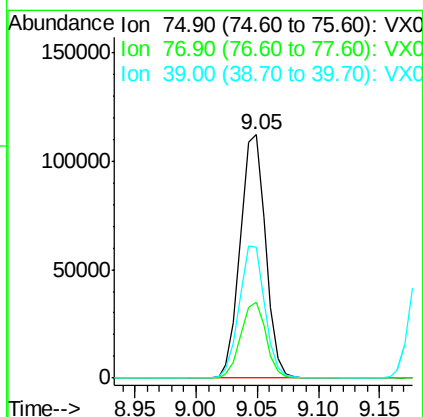
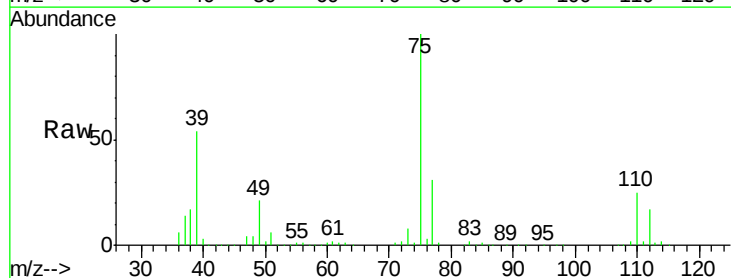
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 171336
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 45.72 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX002522.D
 Acq: 13 Jun 2018 21:22

Tgt Ion: 75 Resp: 161342
 Ion Ratio Lower Upper
 75 100
 77 31.2 24.8 37.2
 39 53.6 42.4 63.6

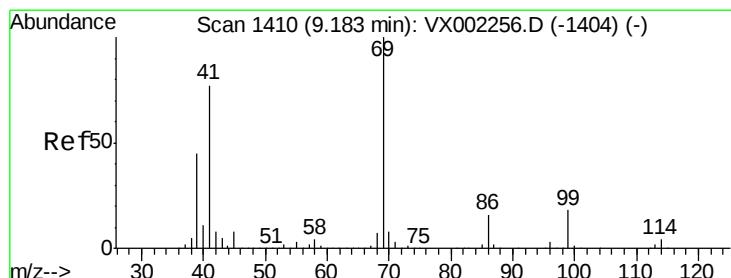
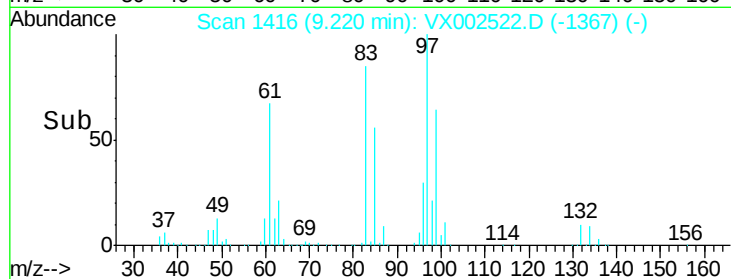
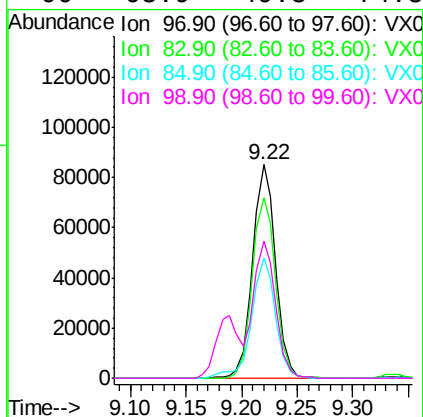
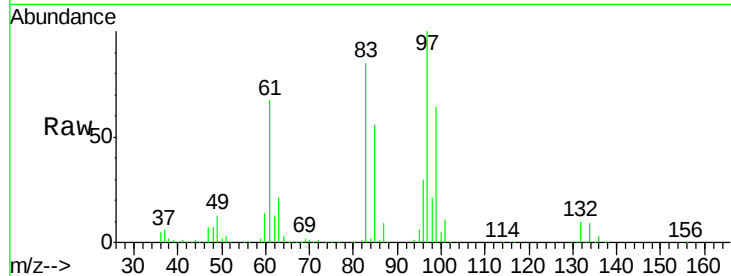




#55
 1,1,2-Trichloroethane
 Concen: 49.94 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002522.D
 Acq: 13 Jun 2018 21:22

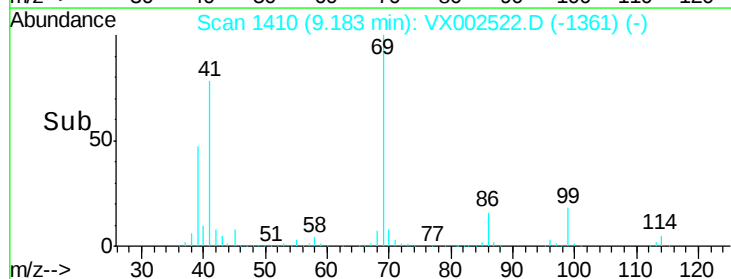
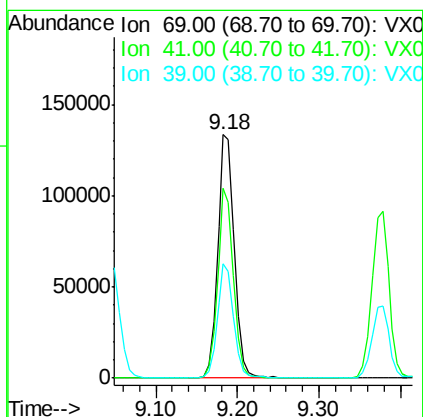
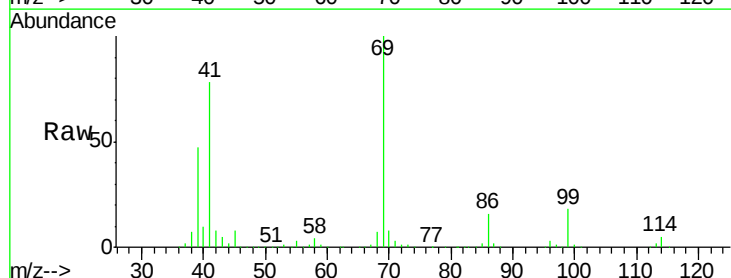
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	123112
Ion	Ratio	Lower	Upper
97	100		
83	84.6	70.2	105.2
85	56.3	44.9	67.3
99	63.9	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 48.46 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002522.D
 Acq: 13 Jun 2018 21:22

Tgt Ion:	69	Resp:	190724
Ion	Ratio	Lower	Upper
69	100		
41	74.5	60.3	90.5
39	45.5	35.8	53.8





#57

1,3-Dichloropropane

Concen: 48.67 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002522.D

Acq: 13 Jun 2018 21:22

Instrument :

MSVOA_X

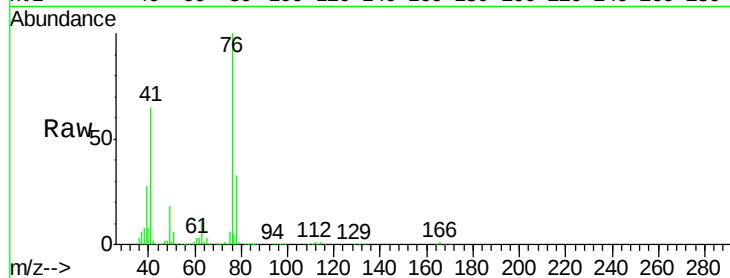
ClientSampleId :

Tot Ion: 76 Resp: 201288

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.38

150000

100000

50000

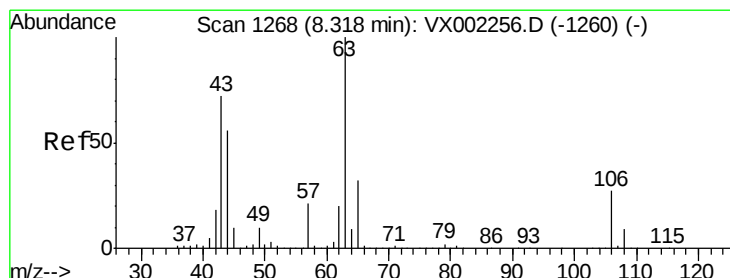
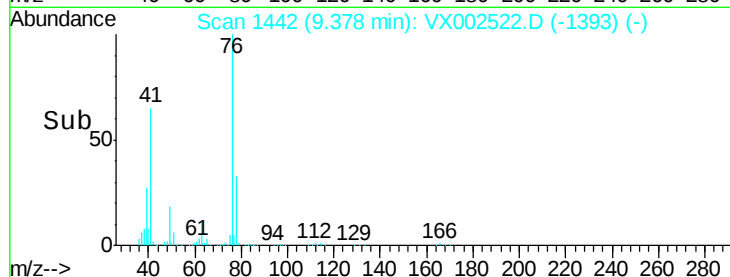
0

Time-->

9.30

9.40

9.50



#58

2-Chloroethyl Vinyl ether

Concen: 252.77 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002522.D

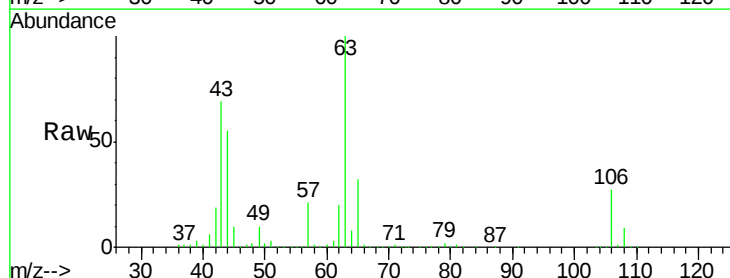
Acq: 13 Jun 2018 21:22

Tgt Ion: 63 Resp: 460438

Ion Ratio Lower Upper

63 100

106 27.8 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

300000

200000

100000

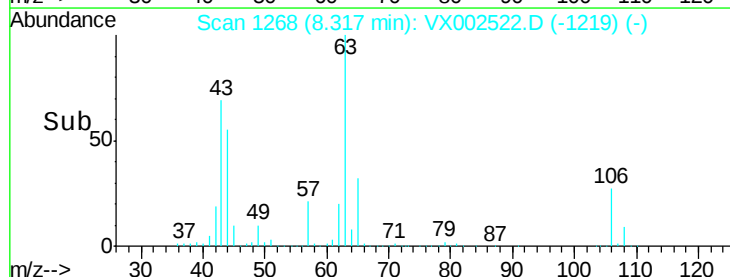
0

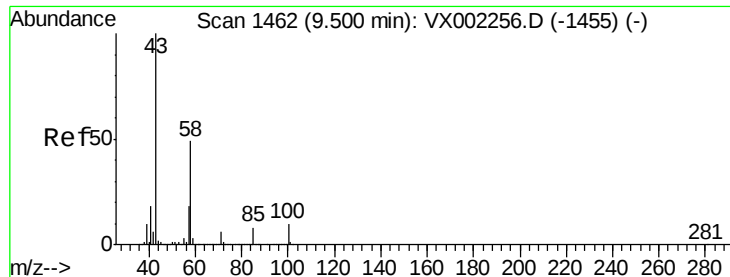
Time-->

8.20

8.30

8.40

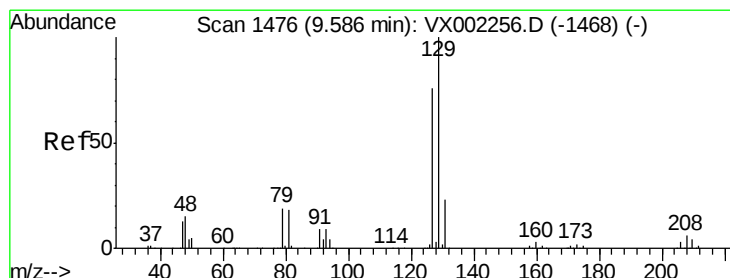
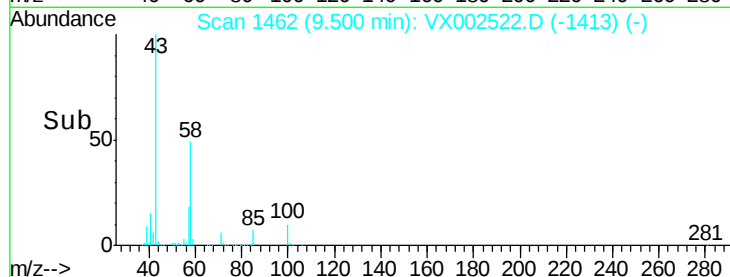
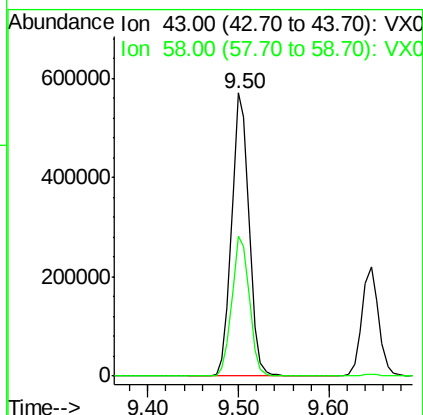
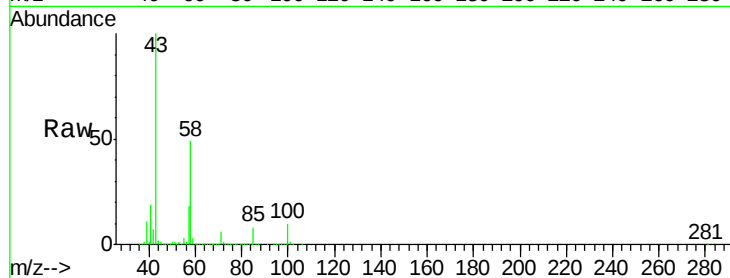




#59
2-Hexanone
Concen: 251.11 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002522.D
Acq: 13 Jun 2018 21:22

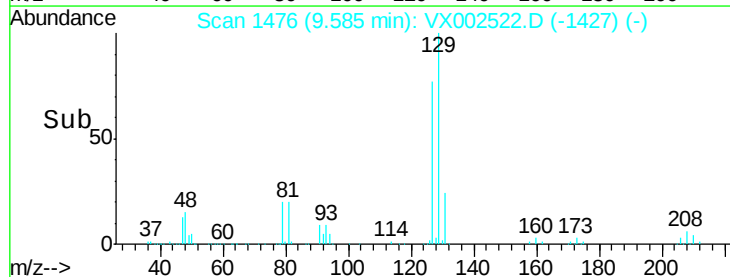
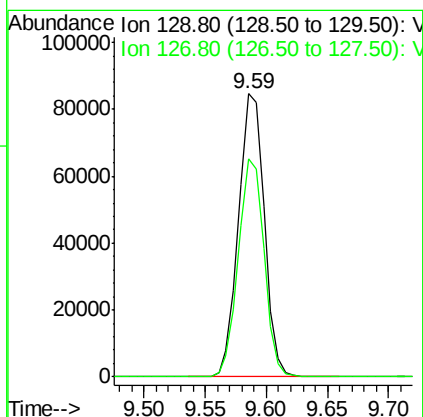
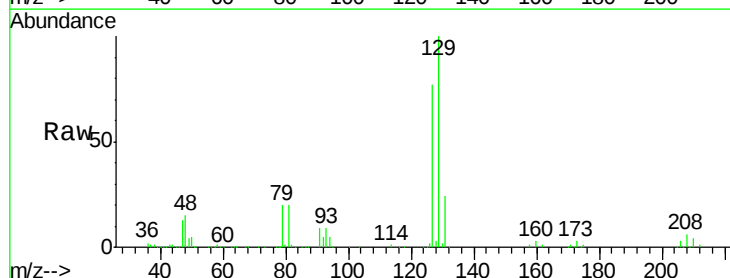
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 758321
Ion Ratio Lower Upper
43 100
58 49.9 24.6 73.6



#60
Dibromochloromethane
Concen: 49.89 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002522.D
Acq: 13 Jun 2018 21:22

Tgt Ion: 129 Resp: 123706
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.3





#61

1,2-Dibromoethane

Concen: 50.31 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002522.D

Acq: 13 Jun 2018 21:22

Instrument :

MSVOA_X

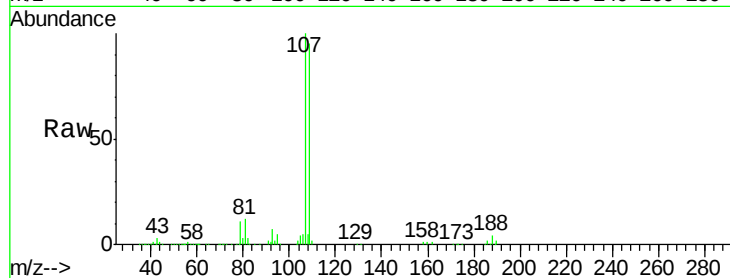
ClientSampleId :

Tot Ion:107 Resp: 129309

Ion Ratio Lower Upper

107 100

109 94.6 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

100000

80000

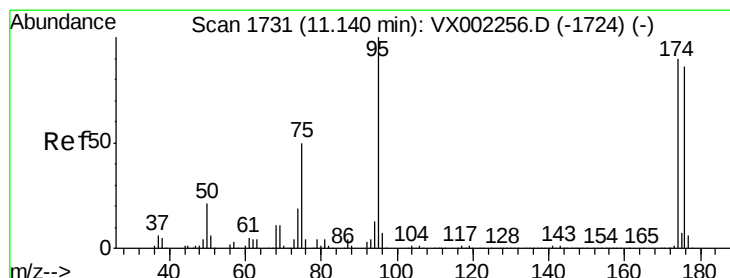
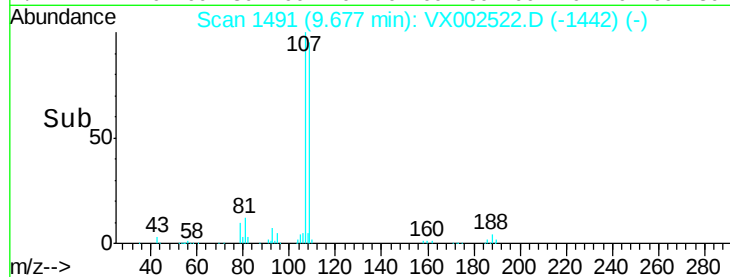
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 42.03 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002522.D

Acq: 13 Jun 2018 21:22

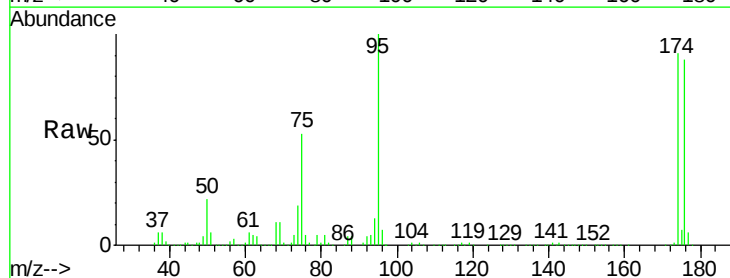
Tgt Ion: 95 Resp: 142826

Ion Ratio Lower Upper

95 100

174 96.4 0.0 187.4

176 94.9 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

11.14

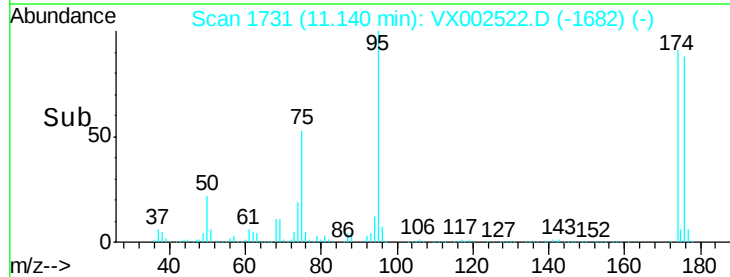
150000

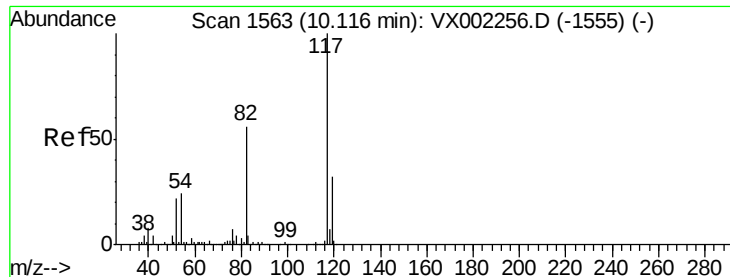
100000

50000

0

Time-->

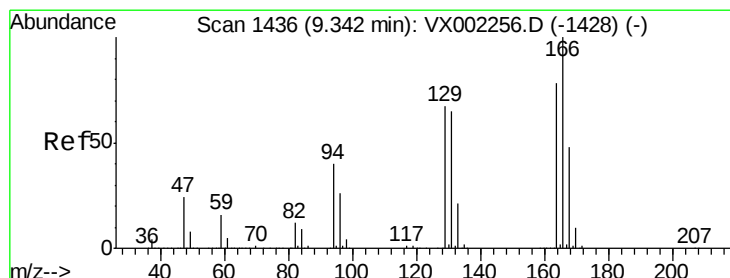
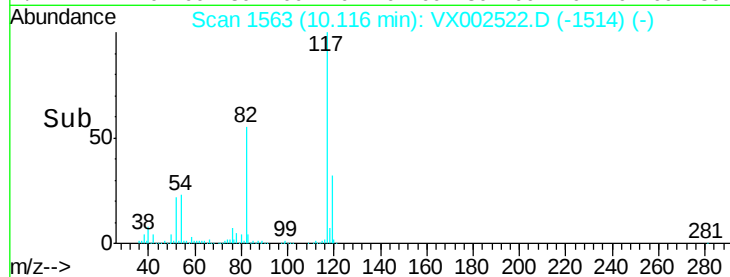
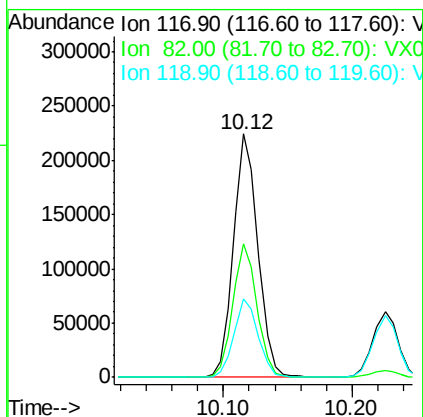
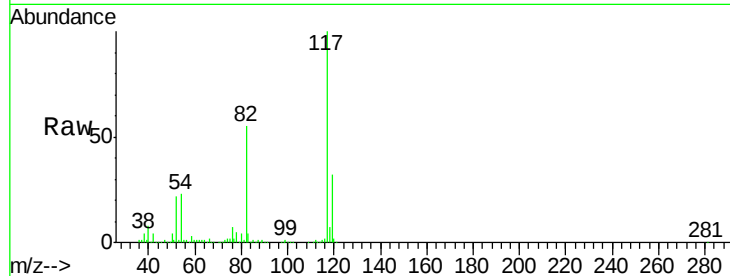




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002522.D
Acq: 13 Jun 2018 21:22

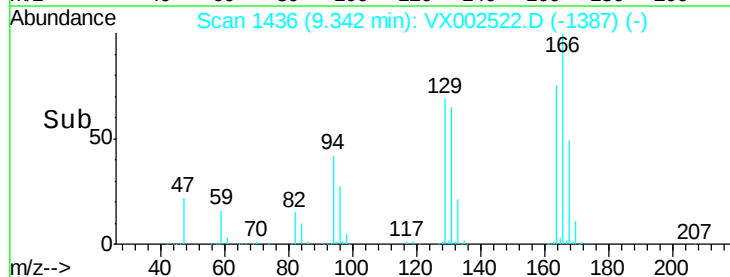
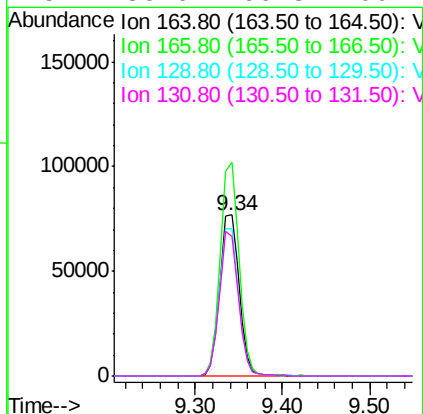
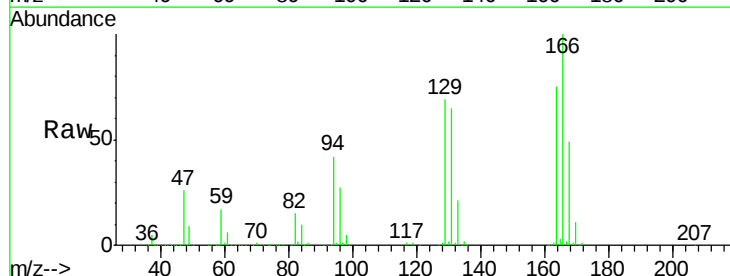
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 298642
Ion Ratio Lower Upper
117 100
82 55.0 45.0 67.4
119 32.4 25.8 38.6



#64
Tetrachloroethene
Concen: 38.33 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002522.D
Acq: 13 Jun 2018 21:22

Tgt Ion:164 Resp: 118050
Ion Ratio Lower Upper
164 100
166 132.9 102.9 154.3
129 91.4 68.6 102.8
131 86.6 66.8 100.2

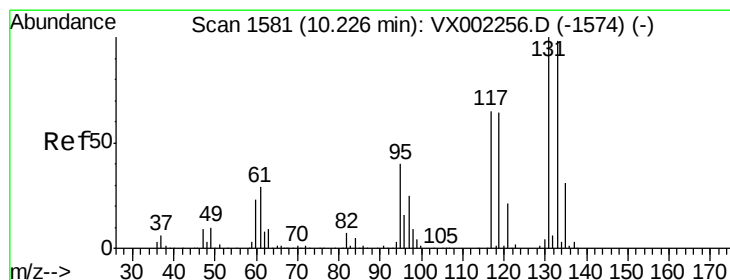
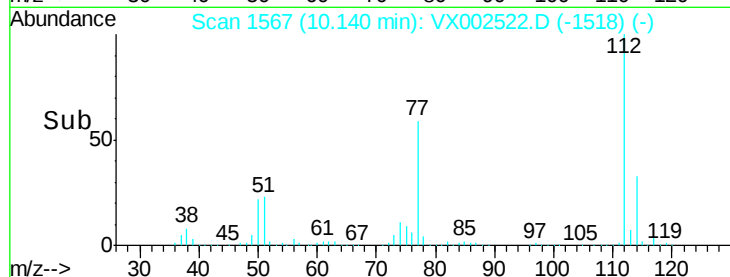
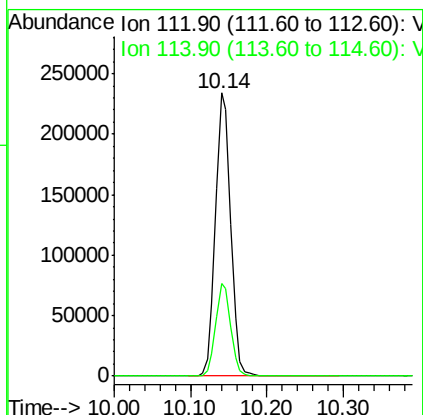
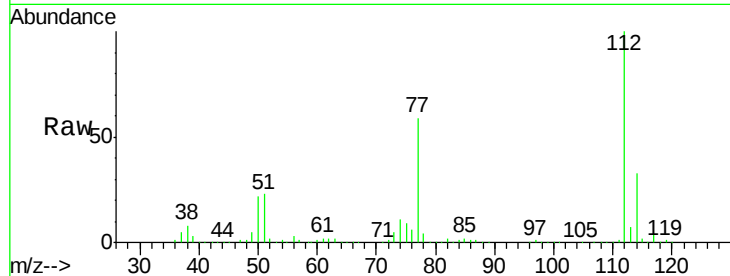




#65
Chlorobenzene
Concen: 43.43 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002522.D
Acq: 13 Jun 2018 21:22

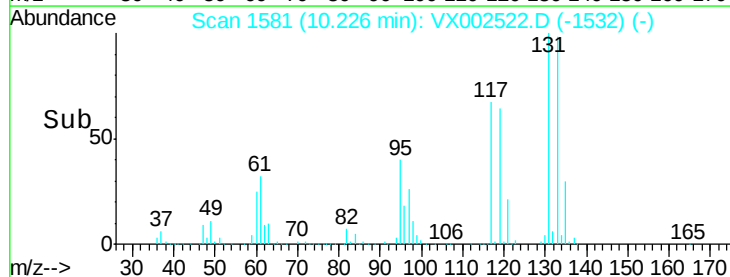
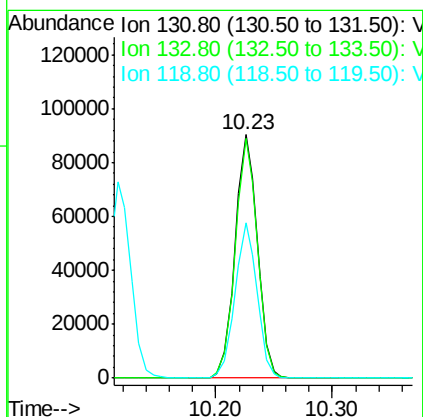
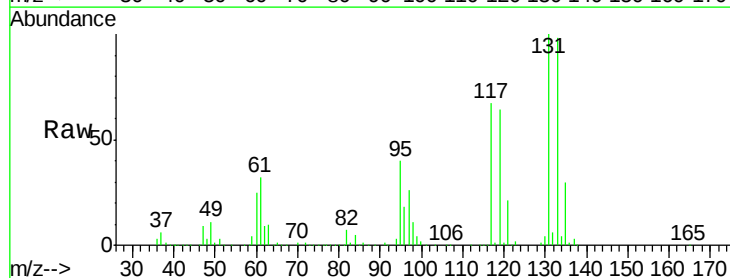
Instrument :
MSVOA_X
ClientSampled :

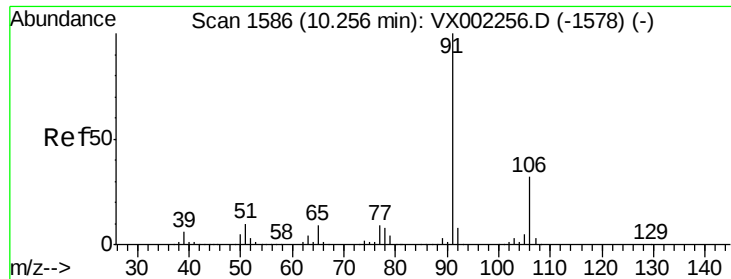
Tot Ion:112 Resp: 322720
Ion Ratio Lower Upper
112 100
114 32.8 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 45.01 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002522.D
Acq: 13 Jun 2018 21:22

Tgt Ion:131 Resp: 121106
Ion Ratio Lower Upper
131 100
133 97.2 47.9 143.6
119 62.8 31.8 95.3

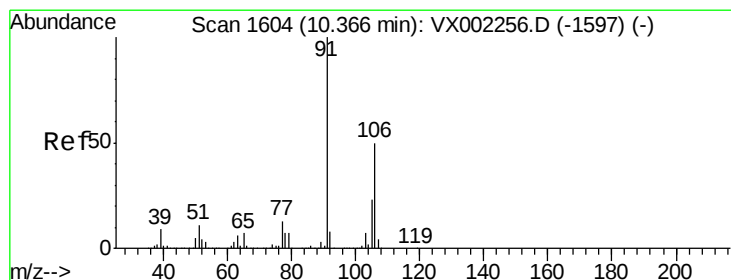
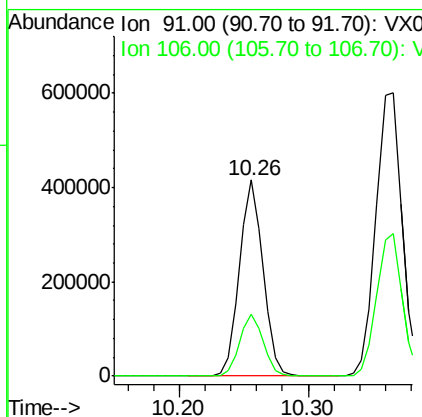
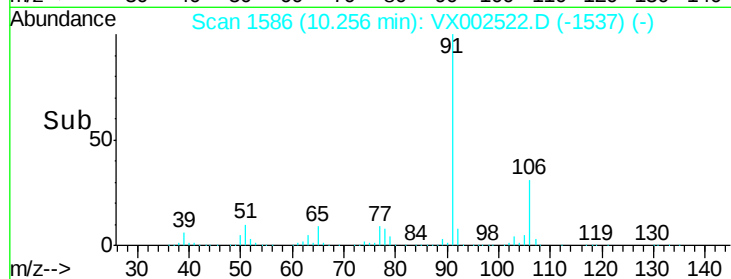
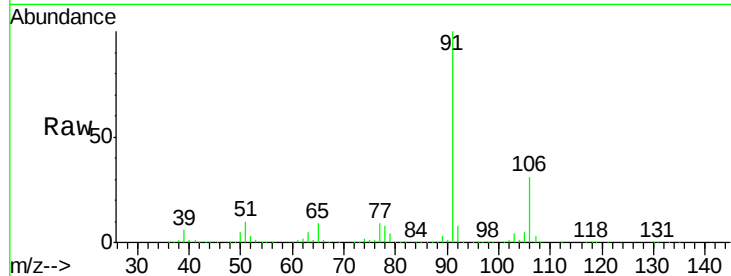




#67
Ethyl Benzene
Concen: 42.54 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002522.D
Acq: 13 Jun 2018 21:22

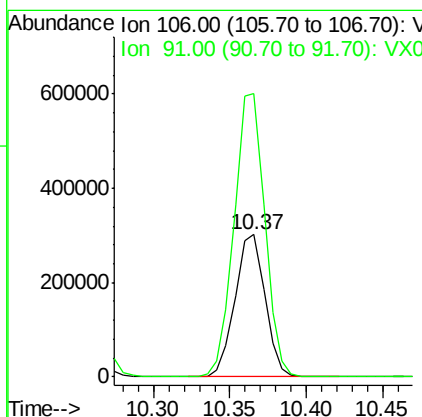
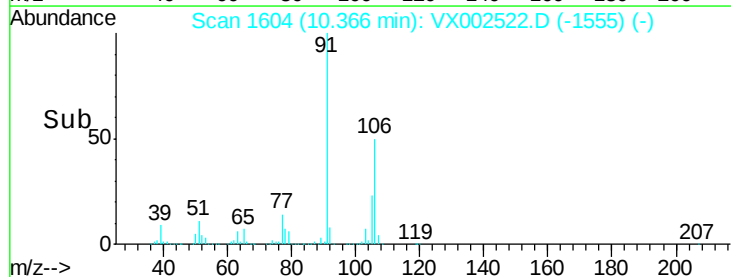
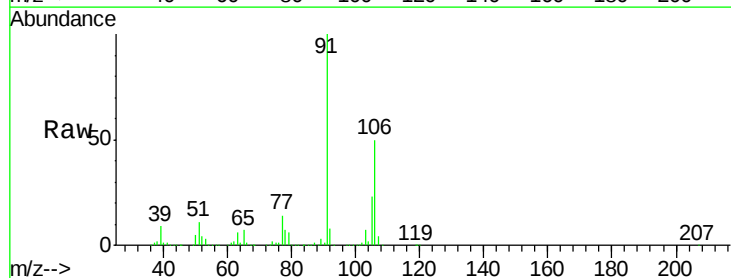
Instrument :
MSVOA_X
ClientSampleId :

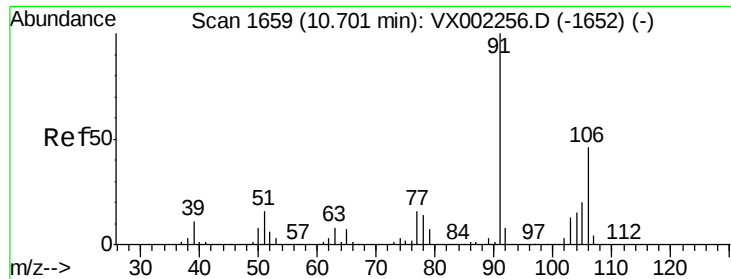
Tot Ion: 91 Resp: 529074
Ion Ratio Lower Upper
91 100
106 31.3 25.5 38.3



#68
m/p-Xylenes
Concen: 85.19 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX002522.D
Acq: 13 Jun 2018 21:22

Tgt Ion: 106 Resp: 411838
Ion Ratio Lower Upper
106 100
91 203.3 163.4 245.2

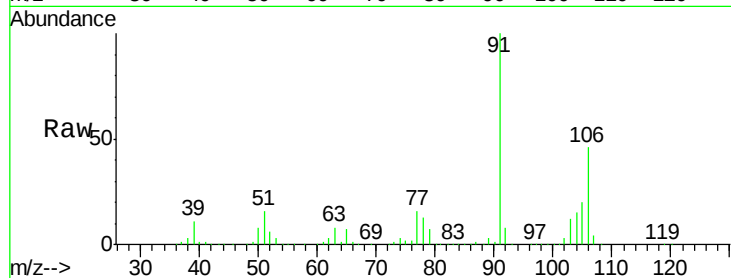




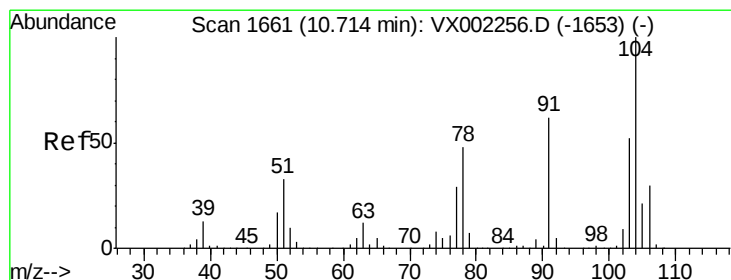
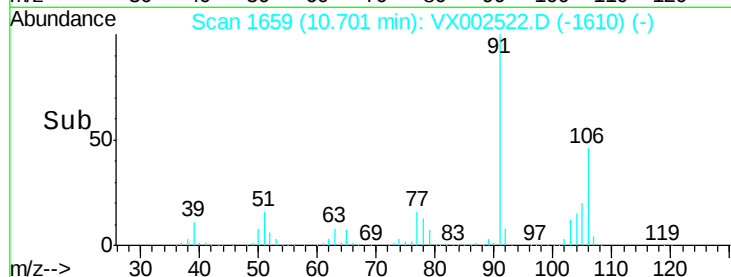
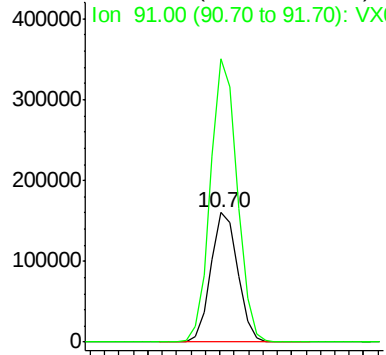
#69
o-Xylene
Concen: 43.36 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002522.D
Acq: 13 Jun 2018 21:22

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 208574
Ion Ratio Lower Upper
106 100
91 217.0 108.2 324.6

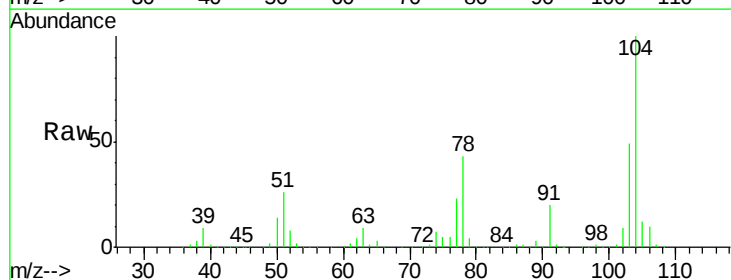


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

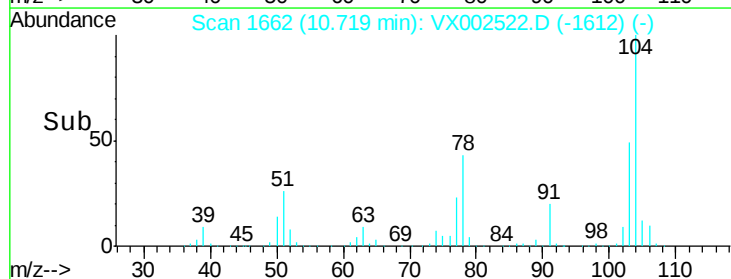
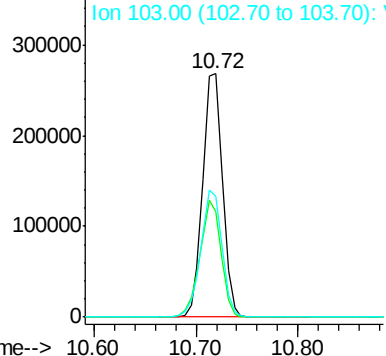


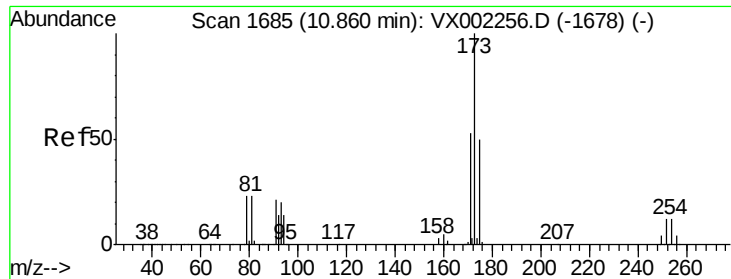
#70
Styrene
Concen: 45.62 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.01 min
Lab File: VX002522.D
Acq: 13 Jun 2018 21:22

Tgt Ion:104 Resp: 358811
Ion Ratio Lower Upper
104 100
78 50.7 41.0 61.6
103 55.4 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: 40.48 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002522.D

Acq: 13 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampled :

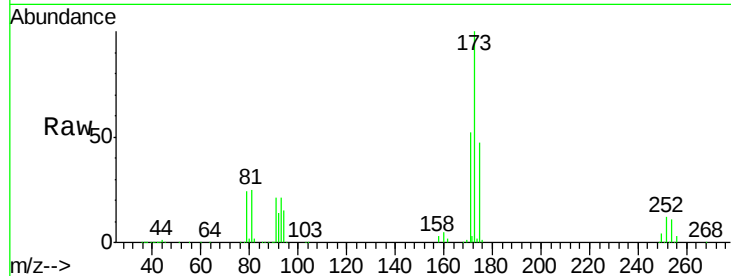
Tot Ion:173 Resp: 95842

Ion Ratio Lower Upper

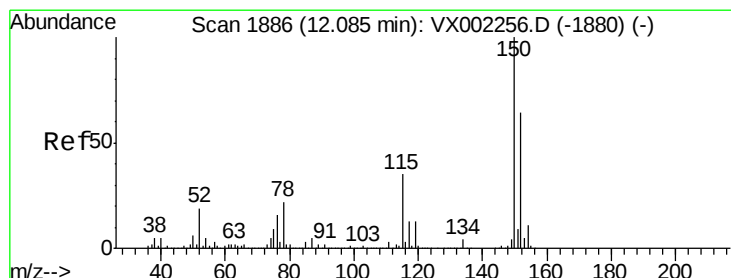
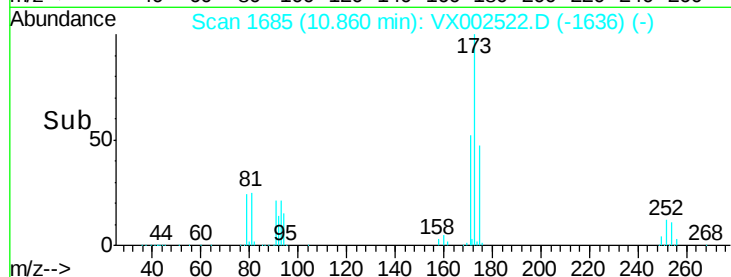
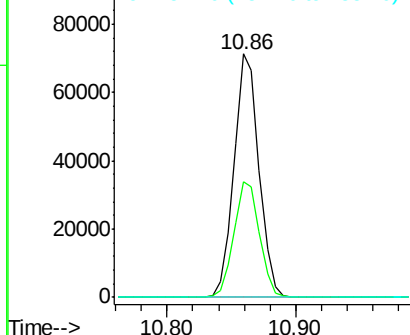
173 100

175 48.9 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: VX002522.D

Acq: 13 Jun 2018 21:22

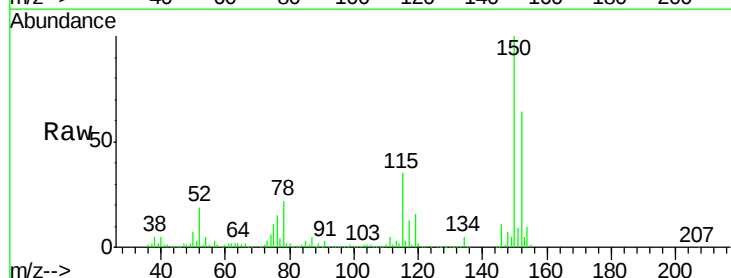
Tgt Ion:152 Resp: 194157

Ion Ratio Lower Upper

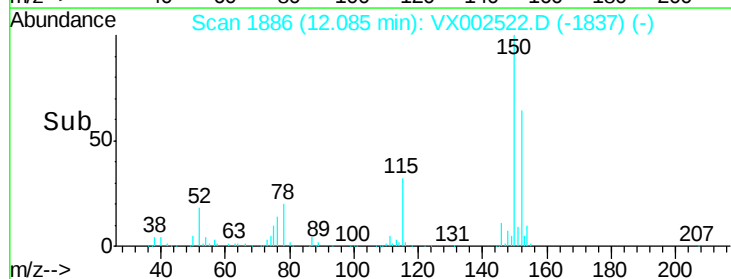
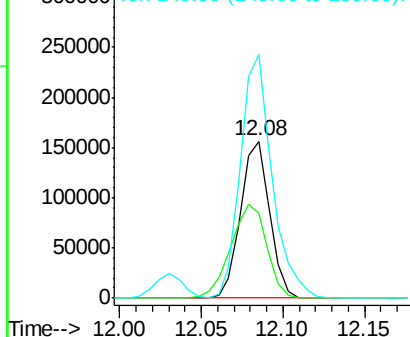
152 100

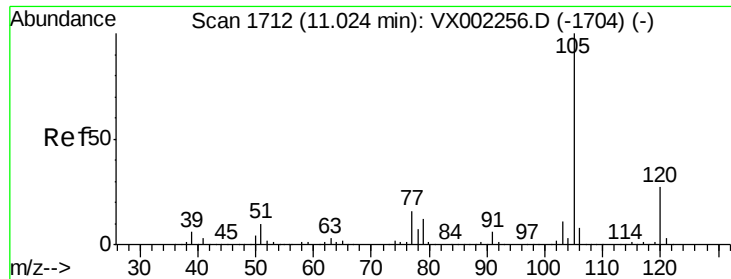
115 73.5 40.1 120.2

150 170.1 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: 39.75 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002522.D

Acq: 13 Jun 2018 21:22

Instrument :

MSVOA_X

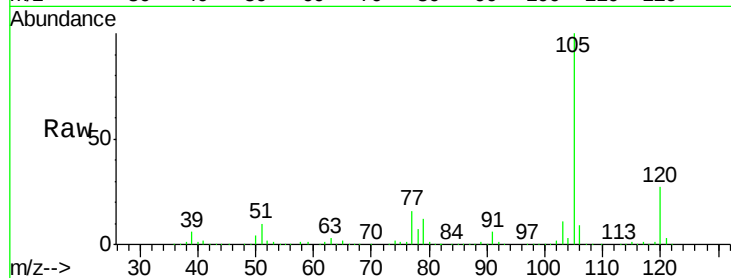
ClientSampleId :

Tot Ion:105 Resp: 536901

Ion Ratio Lower Upper

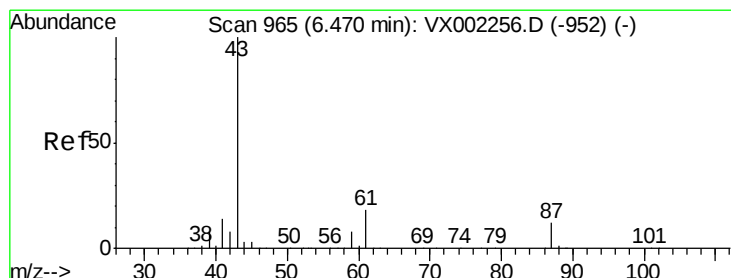
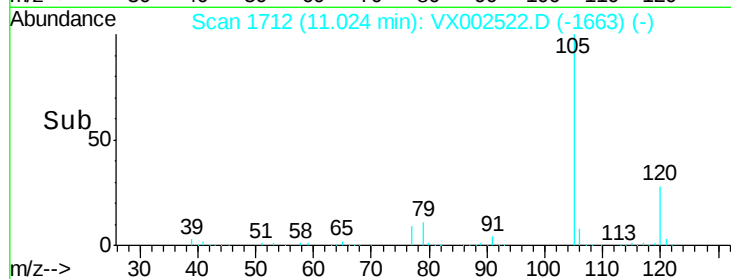
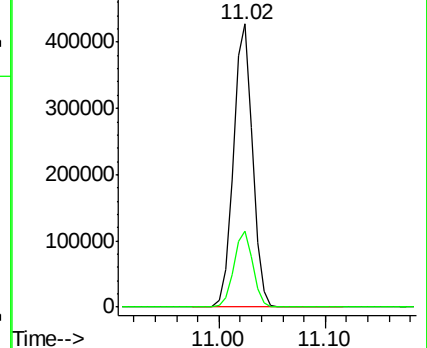
105 100

120 26.9 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 40.49 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002522.D

Acq: 13 Jun 2018 21:22

Tgt Ion: 43 Resp: 294679

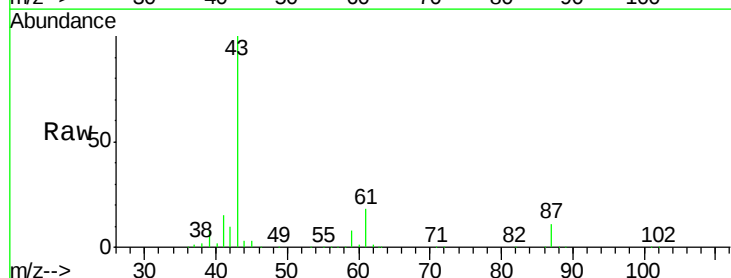
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 17.8 14.4 21.6

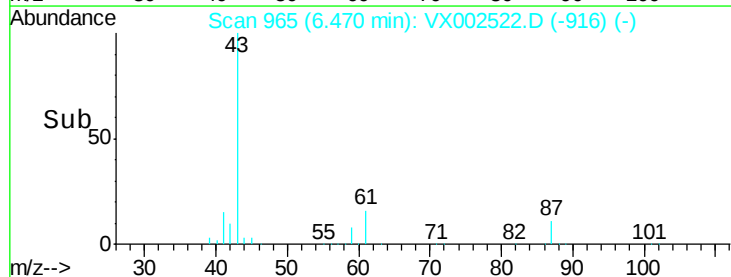
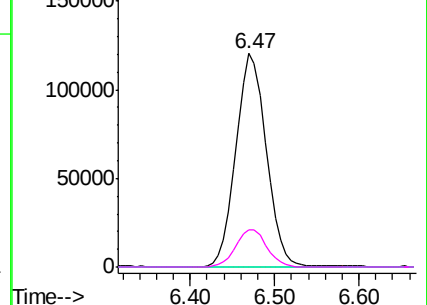


Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 44.96 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002522.D

Acq: 13 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

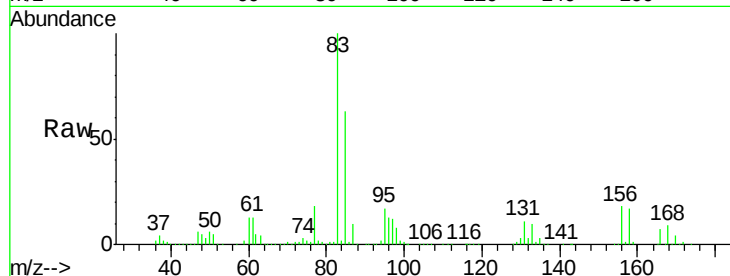
Tot Ion: 83 Resp: 190989

Ion Ratio Lower Upper

83 100

131 10.8 5.6 16.8

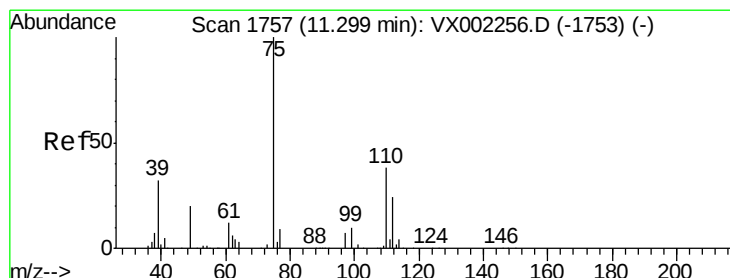
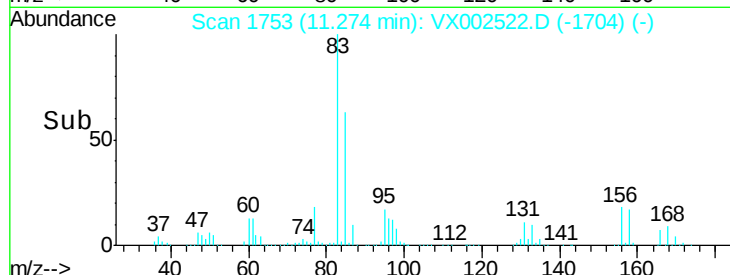
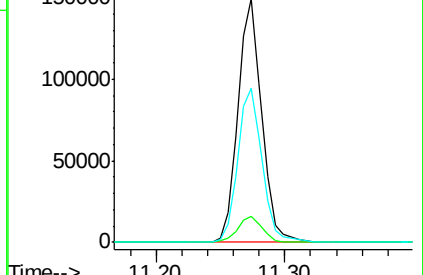
85 64.6 32.4 97.2



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: 52.05 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002522.D

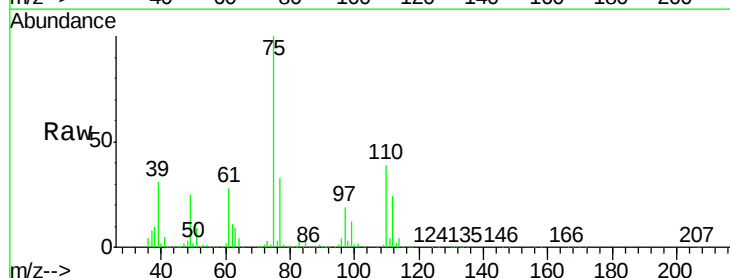
Acq: 13 Jun 2018 21:22

Tgt Ion: 75 Resp: 221753

Ion Ratio Lower Upper

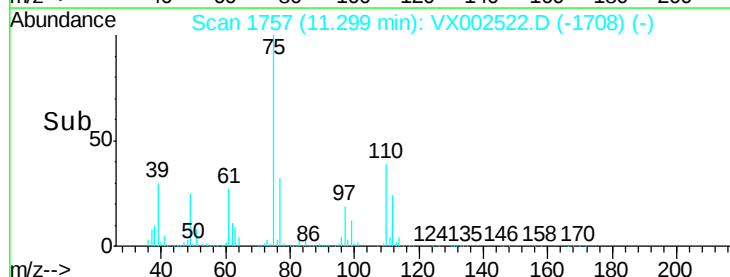
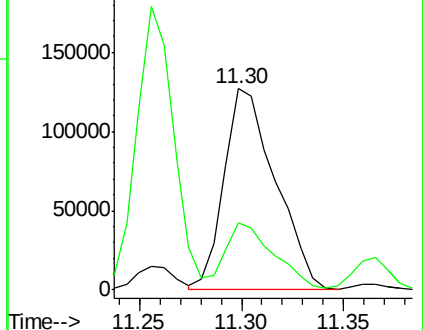
75 100

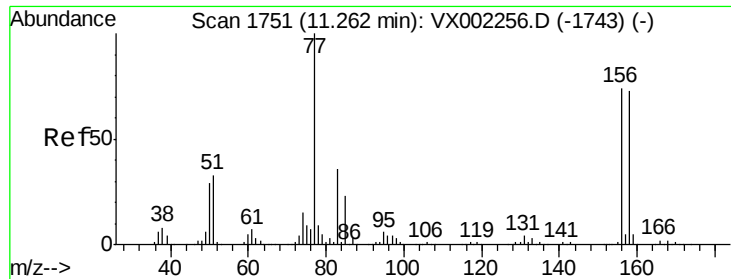
77 31.8 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 42.38 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002522.D

Acq: 13 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

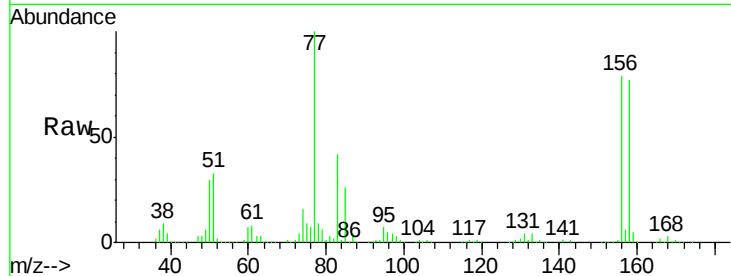
Tot Ion:156 Resp: 160694

Ion Ratio Lower Upper

156 100

77 140.3 71.4 214.2

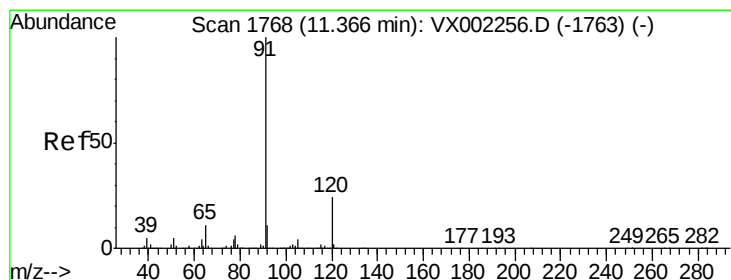
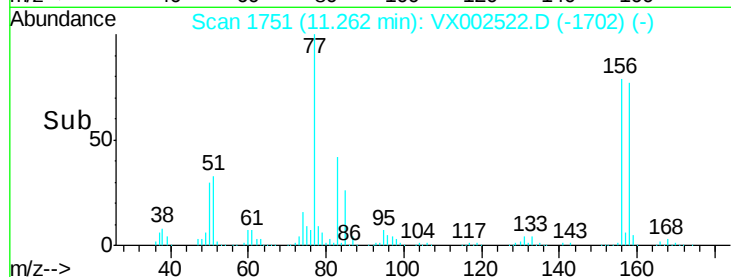
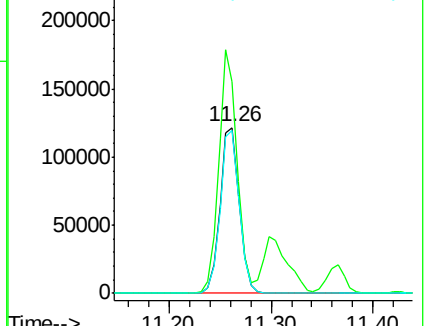
158 97.4 48.9 146.6



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



#78

n-propylbenzene

Concen: 40.64 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002522.D

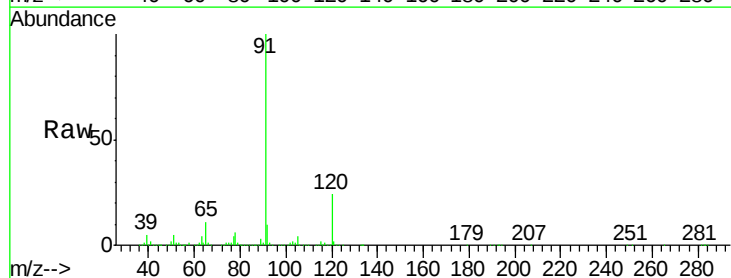
Acq: 13 Jun 2018 21:22

Tgt Ion: 91 Resp: 610061

Ion Ratio Lower Upper

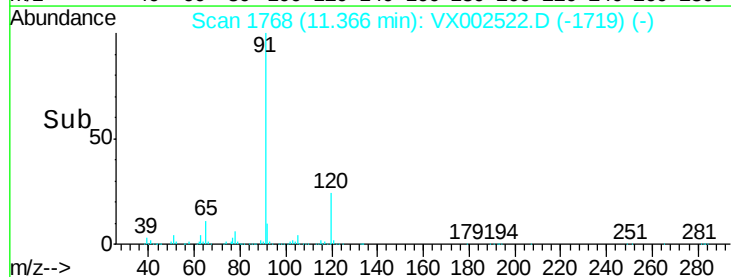
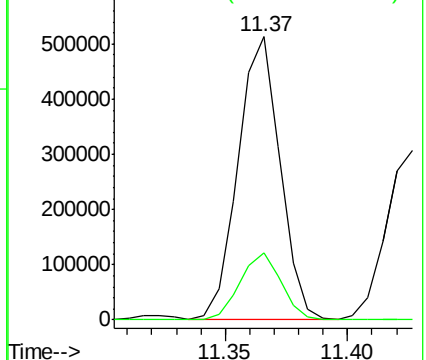
91 100

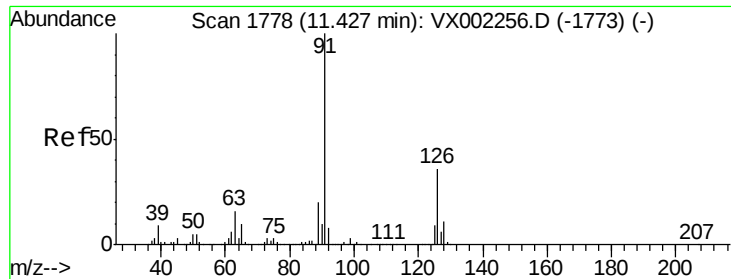
120 23.4 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 40.33 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002522.D

Acq: 13 Jun 2018 21:22

Instrument :

MSVOA_X

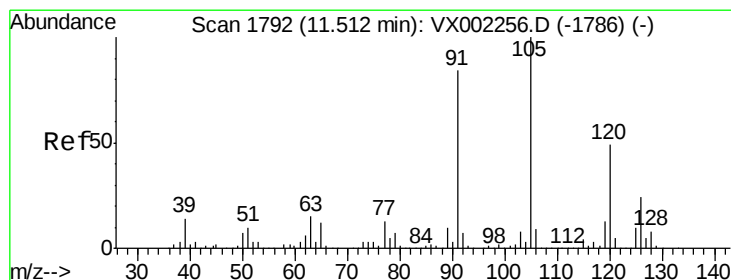
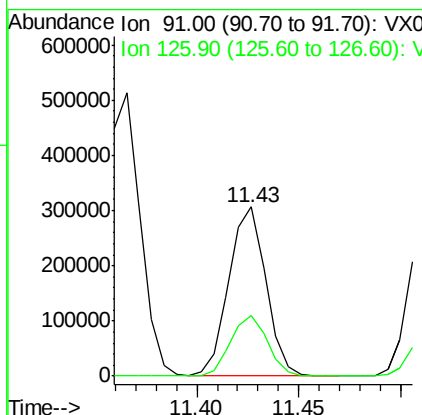
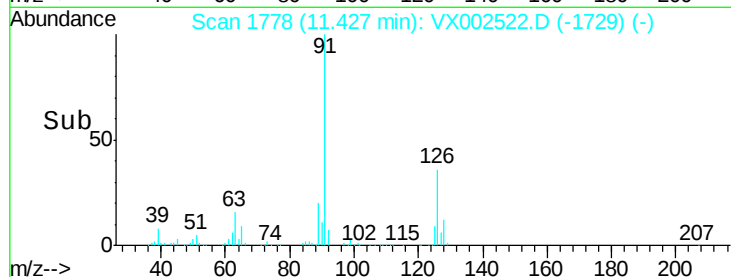
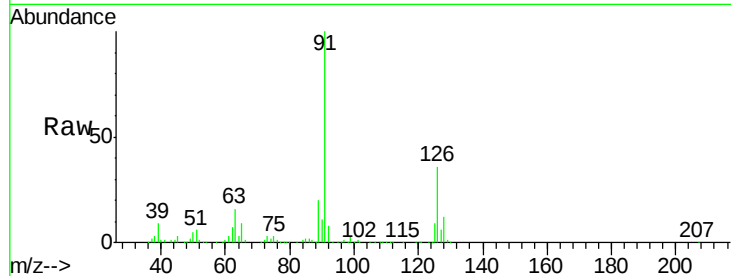
ClientSampleId :

Tot Ion: 91 Resp: 382328

Ion Ratio Lower Upper

91 100

126 35.9 17.7 53.1



#80

1,3,5-Trimethylbenzene

Concen: 40.11 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002522.D

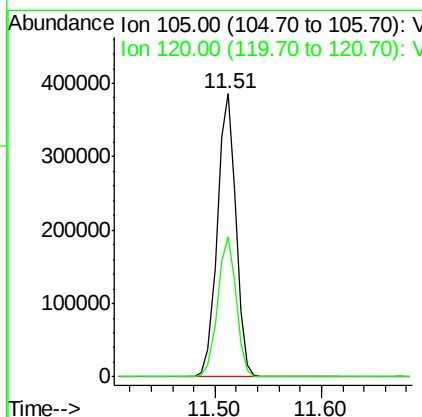
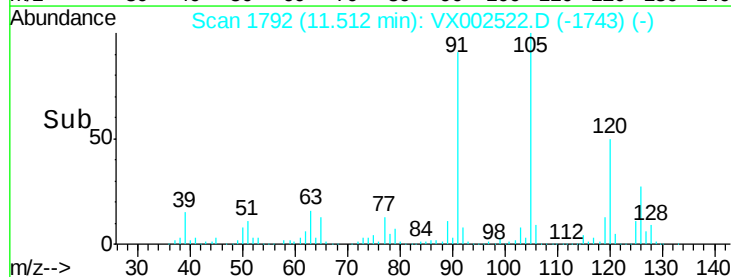
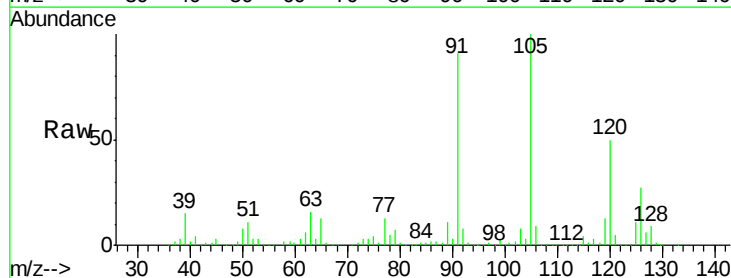
Acq: 13 Jun 2018 21:22

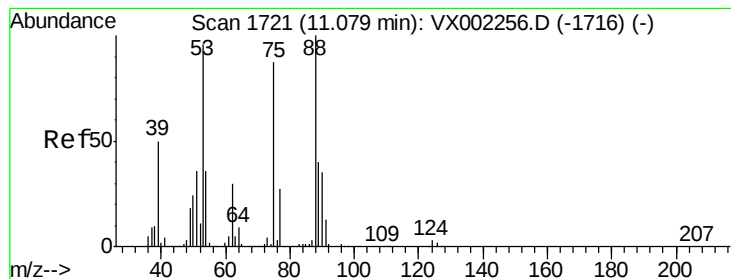
Tgt Ion: 105 Resp: 464622

Ion Ratio Lower Upper

105 100

120 49.5 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 39.28 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002522.D

Acq: 13 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampled :

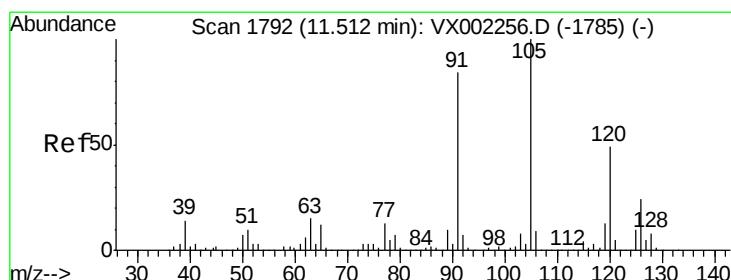
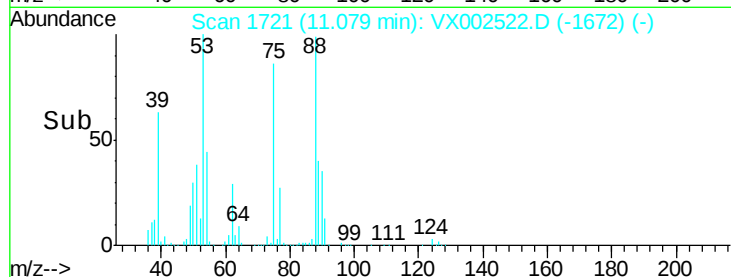
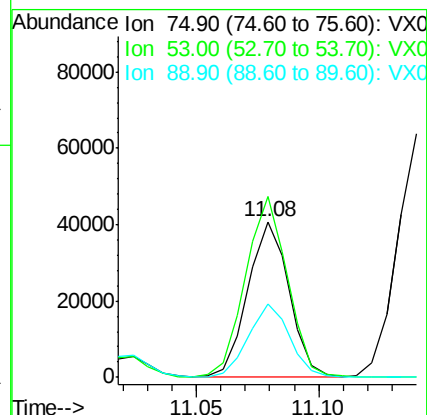
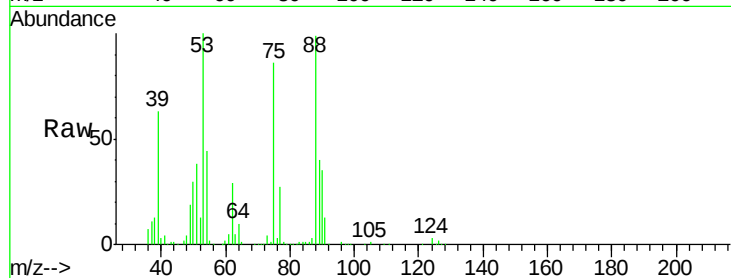
Tot Ion: 75 Resp: 47743

Ion Ratio Lower Upper

75 100

53 117.8 86.8 130.2

89 47.6 38.2 57.2



#82

4-Chlorotoluene

Concen: 41.38 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002522.D

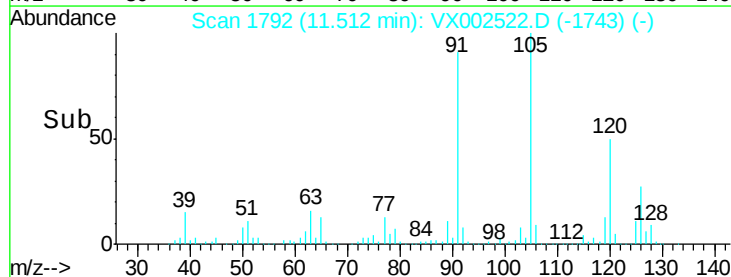
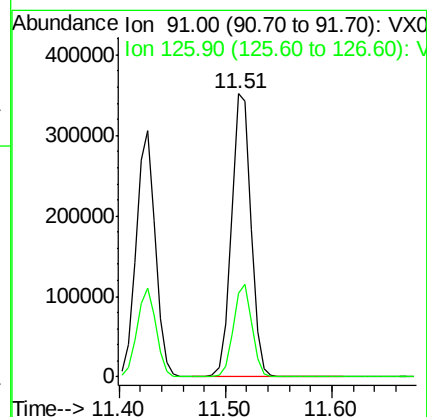
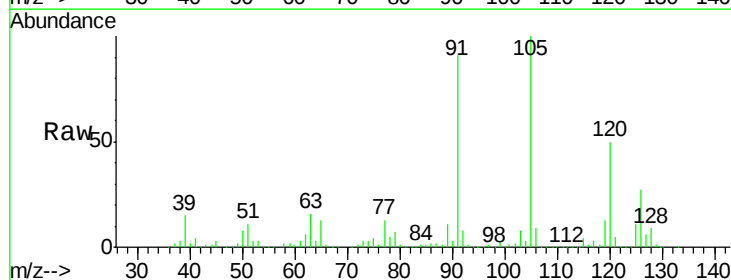
Acq: 13 Jun 2018 21:22

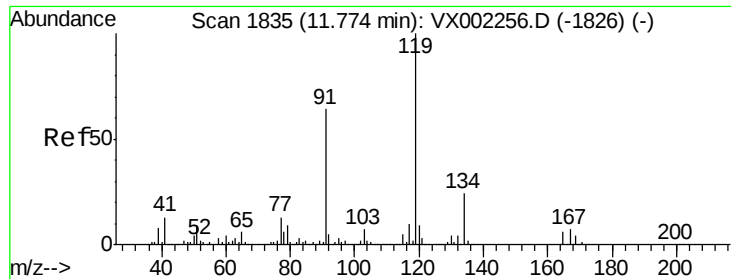
Tgt Ion: 91 Resp: 452730

Ion Ratio Lower Upper

91 100

126 31.2 15.4 46.4

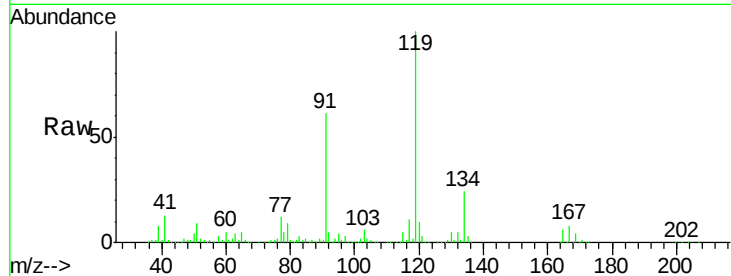




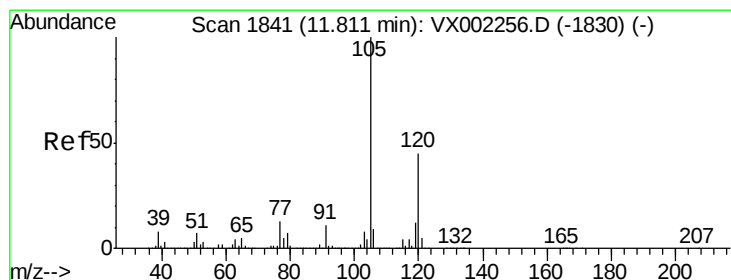
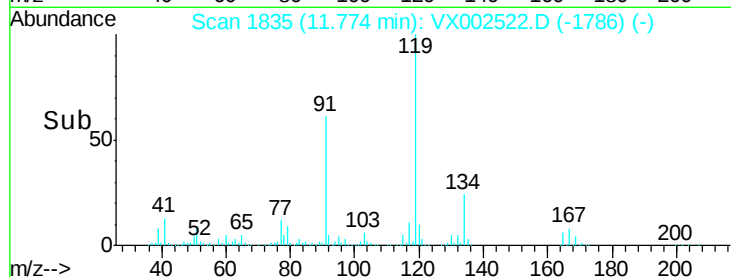
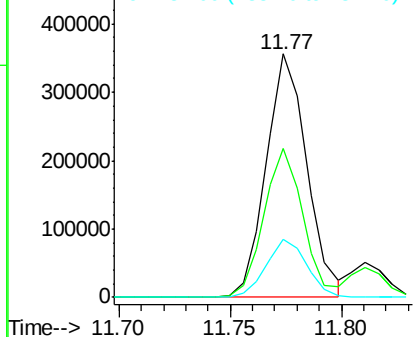
#83
tert-Butylbenzene
Concen: 40.04 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX002522.D
Acq: 13 Jun 2018 21:22

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:119 Resp: 451647
Ion Ratio Lower Upper
119 100
91 59.0 30.3 90.9
134 23.6 11.7 35.1

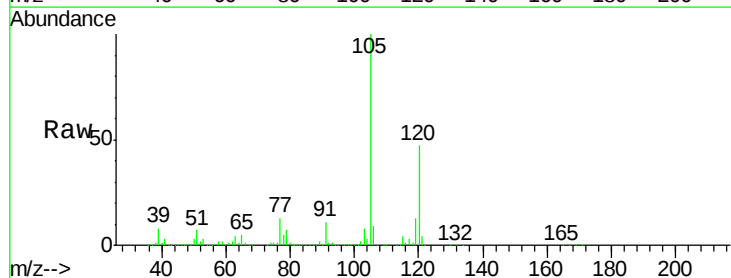


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

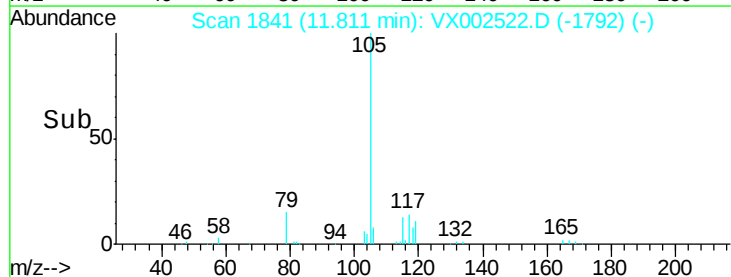
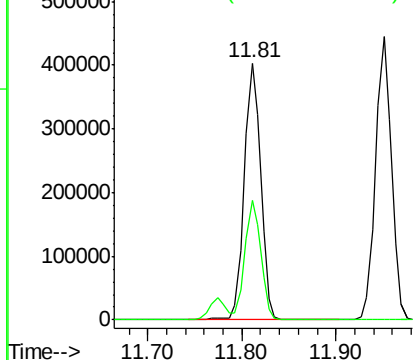


#84
1,2,4-Trimethylbenzene
Concen: 41.20 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX002522.D
Acq: 13 Jun 2018 21:22

Tgt Ion:105 Resp: 491277
Ion Ratio Lower Upper
105 100
120 45.5 22.3 66.8



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





#85

sec-Butylbenzene

Concen: 39.45 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002522.D

Acq: 13 Jun 2018 21:22

Instrument :

MSVOA_X

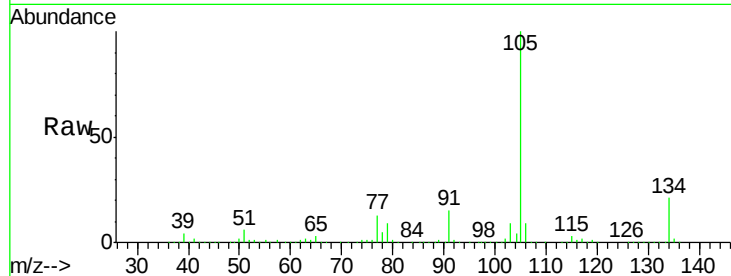
ClientSampleId :

Tot Ion:105 Resp: 521739

Ion Ratio Lower Upper

105 100

134 21.1 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.95

400000

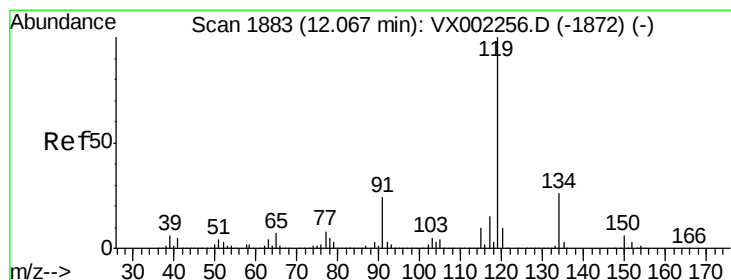
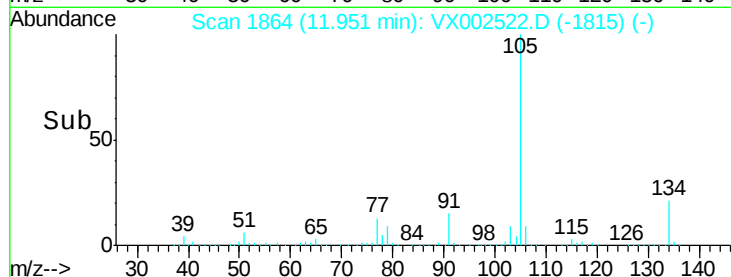
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 40.37 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002522.D

Acq: 13 Jun 2018 21:22

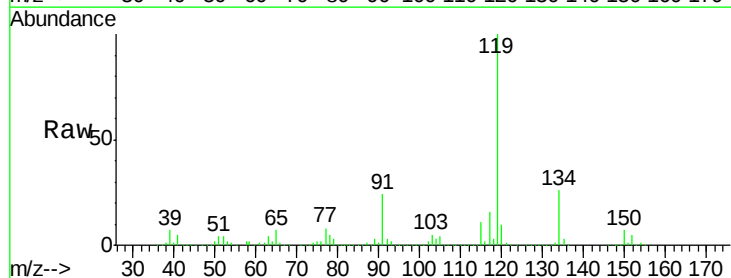
Tgt Ion:119 Resp: 486365

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

91 23.6 11.9 35.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.07

400000

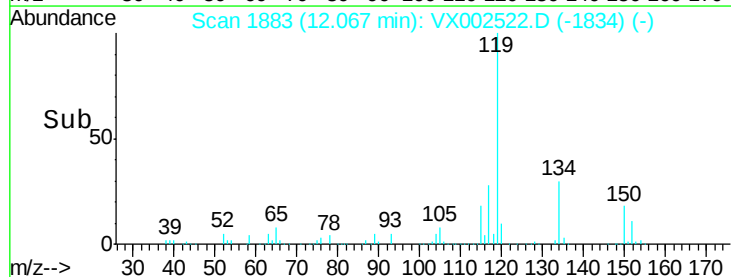
300000

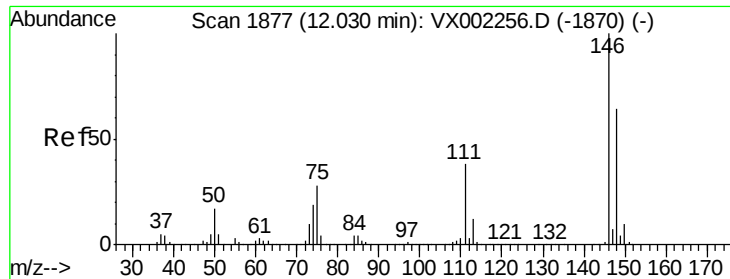
200000

100000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 42.34 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX002522.D

Acq: 13 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

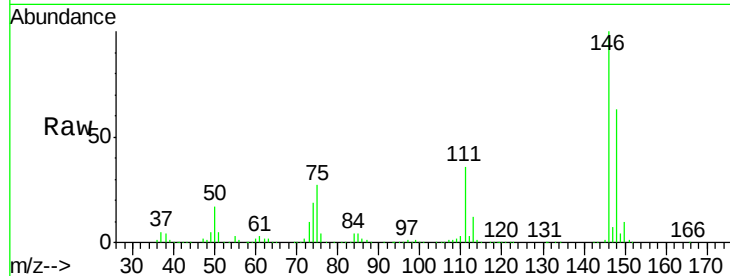
Tot Ion:146 Resp: 287047

Ion Ratio Lower Upper

146 100

111 37.3 18.9 56.7

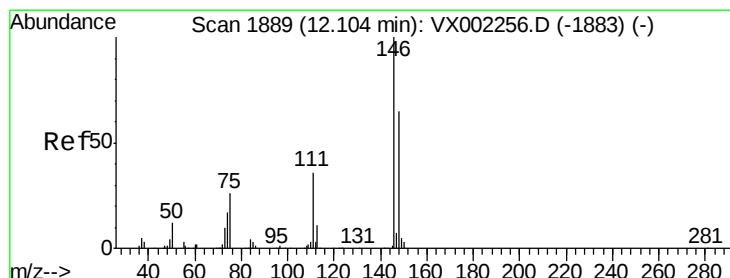
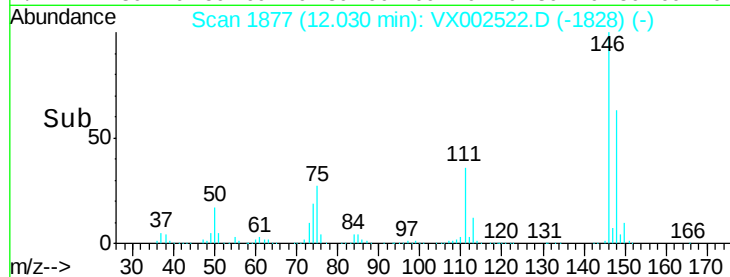
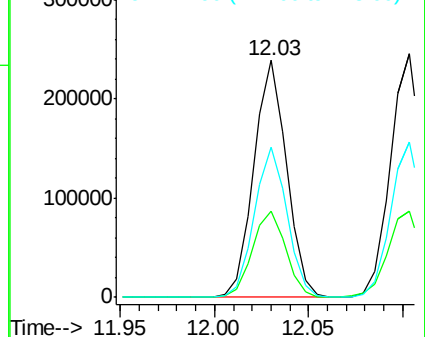
148 63.3 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 42.19 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX002522.D

Acq: 13 Jun 2018 21:22

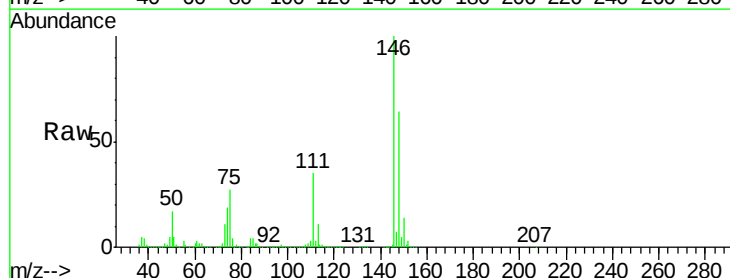
Tgt Ion:146 Resp: 294814

Ion Ratio Lower Upper

146 100

111 37.1 18.7 56.1

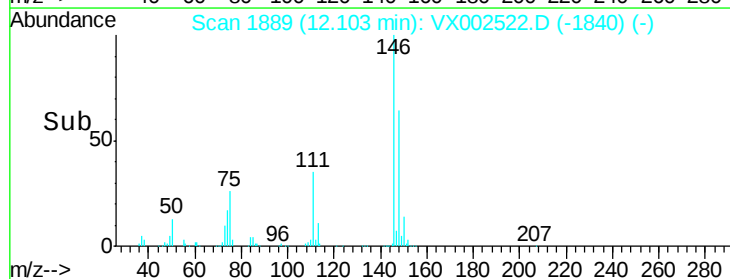
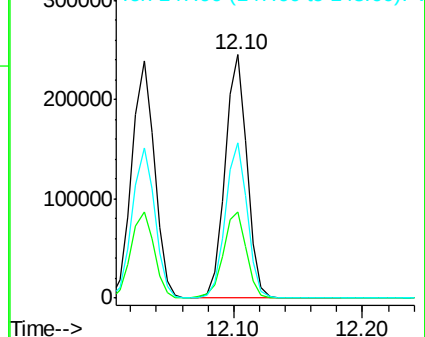
148 63.7 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 40.50 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002522.D

Acq: 13 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

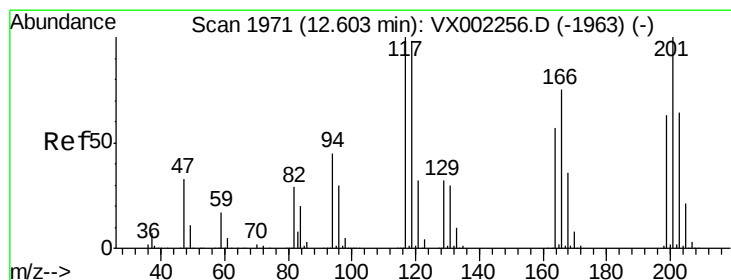
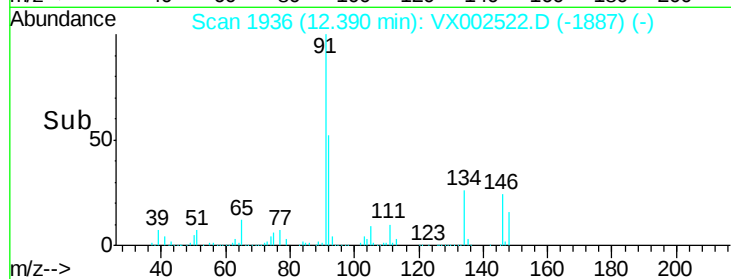
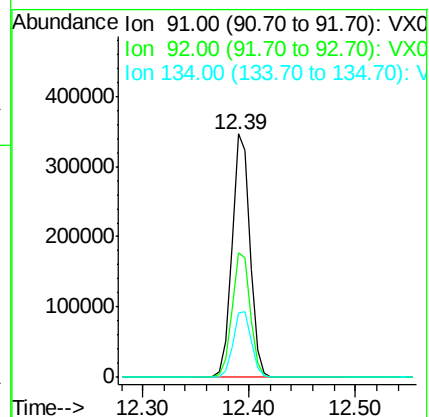
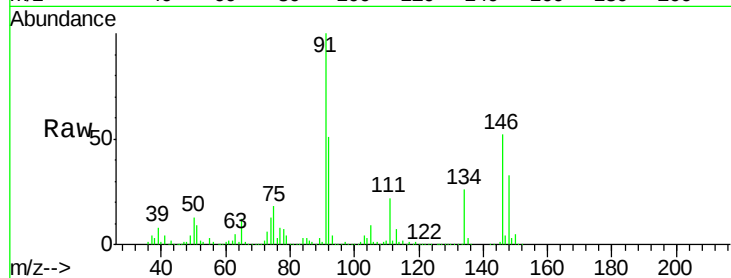
Tot Ion: 91 Resp: 409226

Ion Ratio Lower Upper

91 100

92 52.0 26.0 78.0

134 27.3 13.5 40.5



#90

Hexachloroethane

Concen: 38.64 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX002522.D

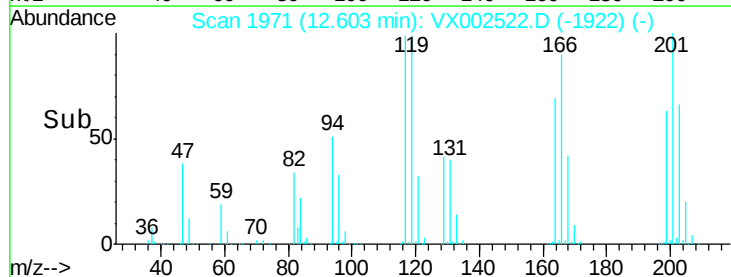
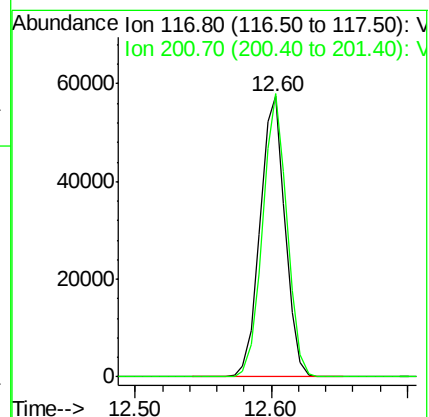
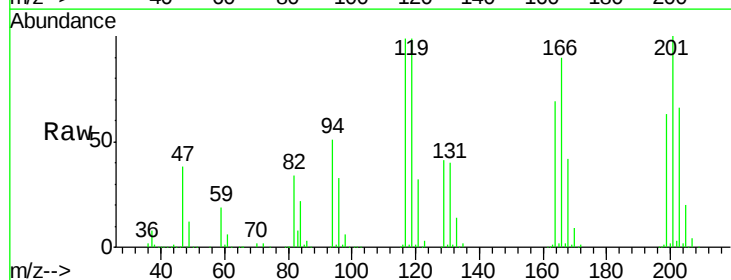
Acq: 13 Jun 2018 21:22

Tgt Ion: 117 Resp: 74302

Ion Ratio Lower Upper

117 100

201 97.8 49.0 147.0





#91

1,2-Dichlorobenzene

Concen: 43.04 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX002522.D

Acq: 13 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

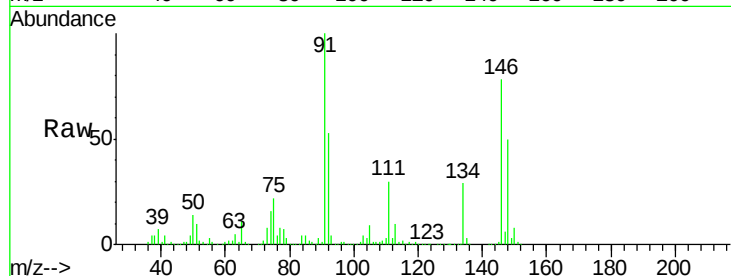
Tot Ion:146 Resp: 301910

Ion Ratio Lower Upper

146 100

111 38.7 19.4 58.1

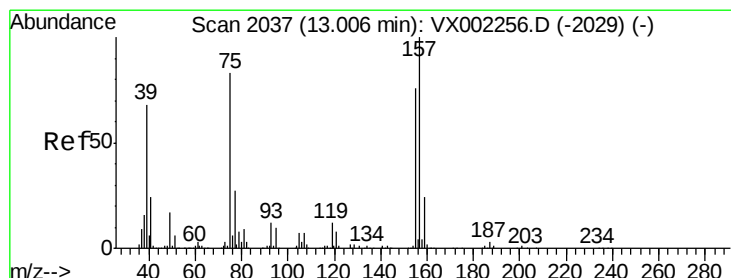
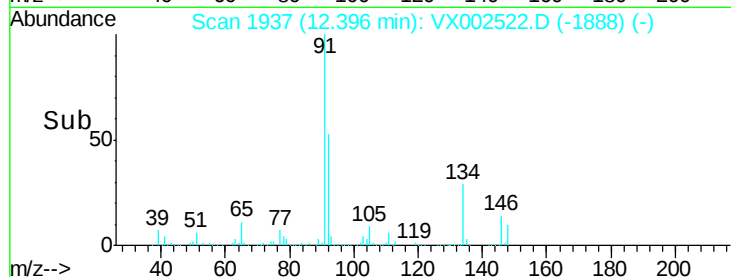
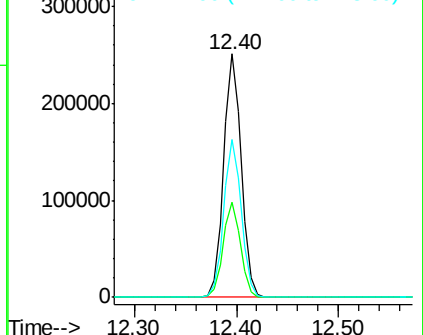
148 64.4 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.02 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX002522.D

Acq: 13 Jun 2018 21:22

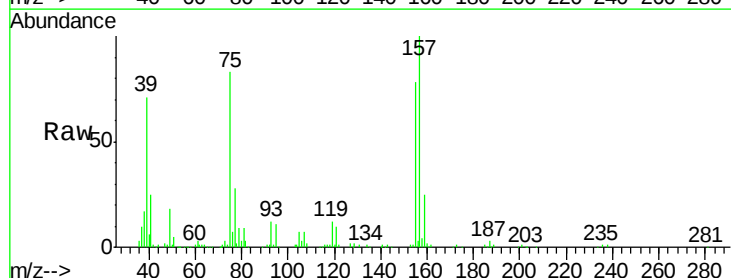
Tgt Ion: 75 Resp: 42749

Ion Ratio Lower Upper

75 100

155 93.7 45.8 137.4

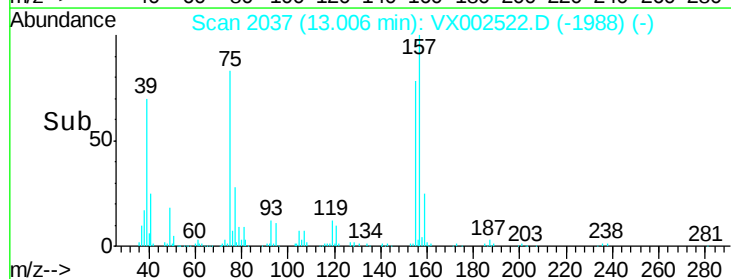
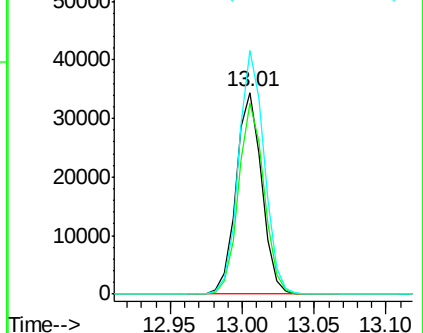
157 120.1 60.1 180.3

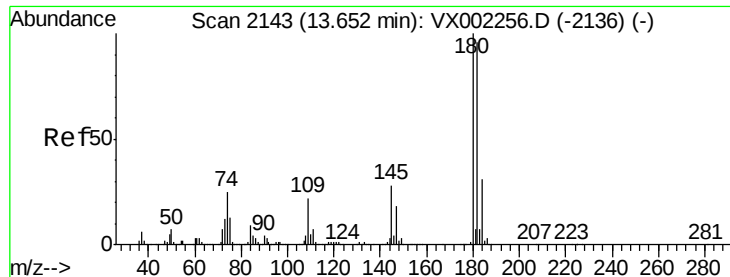


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

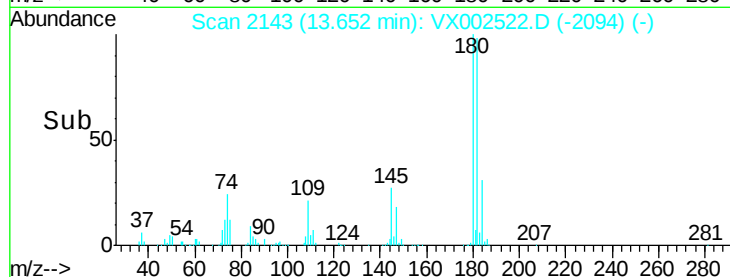
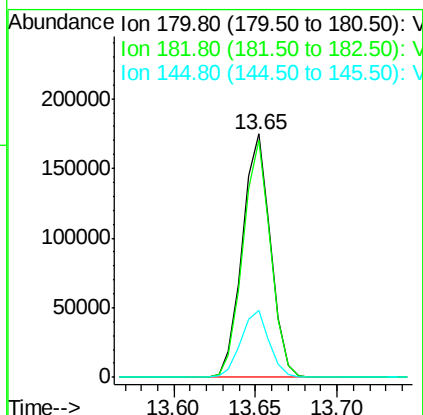
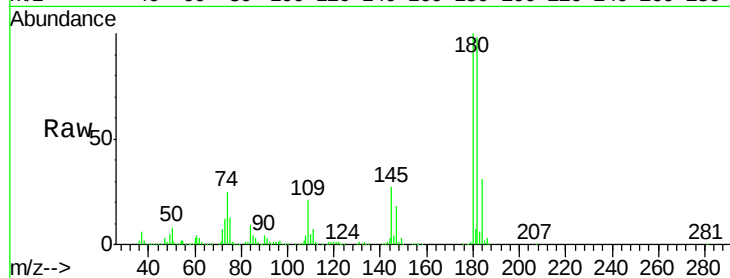




#93
 1,2,4-Trichlorobenzene
 Concen: 42.81 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002522.D
 Acq: 13 Jun 2018 21:22

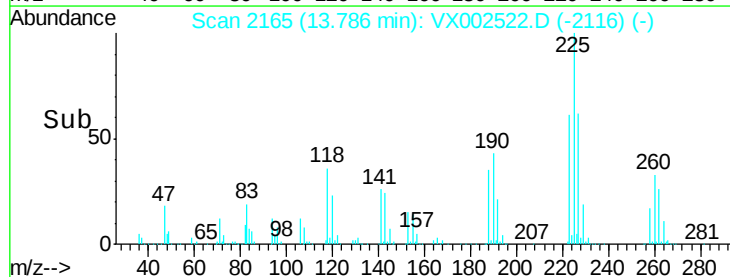
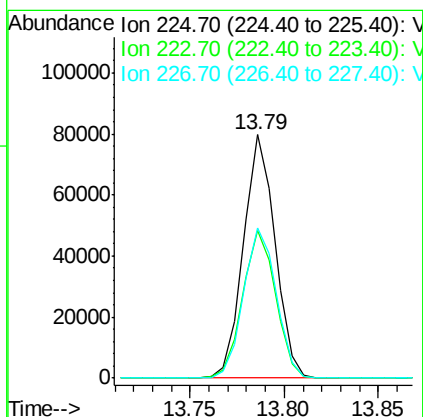
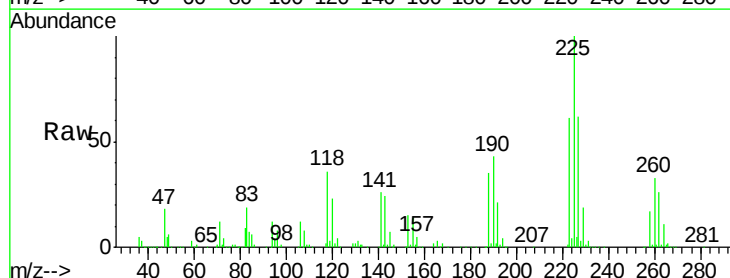
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 210573
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.7 143.1
 145 27.7 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 38.17 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002522.D
 Acq: 13 Jun 2018 21:22

Tgt Ion:225 Resp: 92787
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.6 95.0
 227 64.1 32.4 97.2

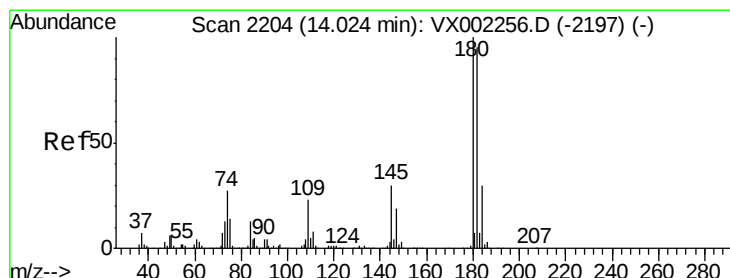
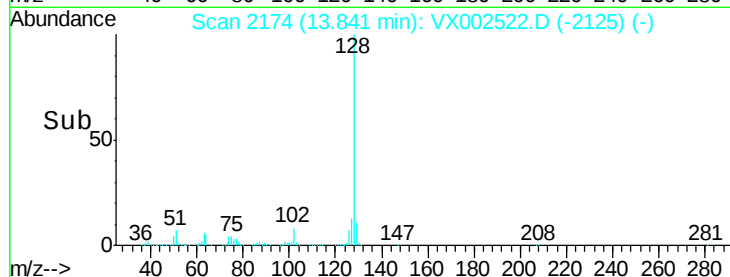
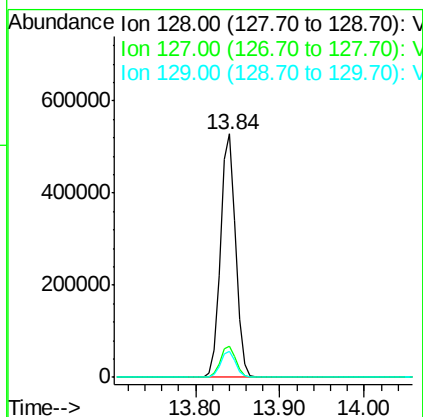
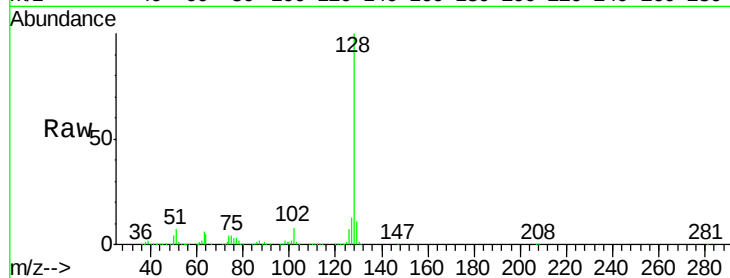




#95
Naphthalene
Concen: 46.38 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002522.D
Acq: 13 Jun 2018 21:22

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 655442
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 44.11 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX002522.D
Acq: 13 Jun 2018 21:22

Tgt Ion:180 Resp: 221267
Ion Ratio Lower Upper
180 100
182 96.0 48.0 144.0
145 29.7 14.8 44.3

