

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061418\
 Data File : VX002551.D
 Acq On : 14 Jun 2018 15:00
 Operator : JC/MD
 Sample : J3404-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 15 01:30:36 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	263564	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	376956	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	352905	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	207524	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	191134	50.77	ug/l	0.00
Spiked Amount			Recovery	=	101.54%	
35) Dibromofluoromethane	5.51	113	146226	49.33	ug/l	0.00
Spiked Amount			Recovery	=	98.66%	
50) Toluene-d8	8.72	98	572199	50.36	ug/l	0.00
Spiked Amount			Recovery	=	100.72%	
62) 4-Bromofluorobenzene	11.14	95	212251	48.44	ug/l	0.00
Spiked Amount			Recovery	=	96.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	627	Below Cal	#	74
4) Vinyl Chloride	1.40	62	9925	2.87	ug/l	99
5) Bromomethane	1.65	94	1172	Below Cal		98
6) Chloroethane	1.73	64	2696	1.21	ug/l	98
8) Diethyl Ether	2.19	74	1731	Below Cal		88
10) Methyl Iodide	2.53	142	2014	0.50	ug/l	# 91
11) Tert butyl alcohol	3.07	59	783	Below Cal	#	48
13) Acrolein	2.29	56	717	Below Cal		89
15) Acrylonitrile	3.15	53	860	Below Cal	#	89
16) Acetone	2.45	43	79261	32.20	ug/l	100
17) Carbon Disulfide	2.57	76	3314	0.45	ug/l	# 83
18) Methyl Acetate	2.79	43	869	Below Cal	#	86
19) Methyl tert-butyl Ether	3.20	73	295	Below Cal	#	1
20) Methylene Chloride	2.86	84	498	Below Cal	#	84
21) trans-1,2-Dichloroethene	3.17	96	1274	0.41	ug/l	# 84
22) Diisopropyl ether	3.89	45	519	Below Cal	#	50
25) 2-Butanone	4.71	43	279437	108.13	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	31482	9.36	ug/l	87
28) Bromochloromethane	5.03	49	208	Below Cal	#	26
29) Tetrahydrofuran	5.19	42	3363	2.02	ug/l	# 70
36) 1,1-Dichloropropene	5.67	75	17972	4.54	ug/l	# 50
37) Ethyl Acetate	4.71	43	279437	58.63	ug/l	# 70
38) Carbon Tetrachloride	5.67	117	24520	5.91	ug/l	# 15
39) Methylcyclohexane	7.46	83	849	0.44	ug/l	# 39
40) Benzene	6.15	78	2681	0.22	ug/l	# 77
41) Methacrylonitrile	5.20	41	8427	3.09	ug/l	# 49
42) 1,2-Dichloroethane	6.20	62	1295	0.27	ug/l	99
43) Isopropyl Acetate	6.48	43	3527	0.44	ug/l	# 63
44) Trichloroethene	7.22	130	13946	4.14	ug/l	99
48) Methyl methacrylate	7.73	41	6538	1.61	ug/l	# 18
49) 1,4-Dioxane	7.74	88	236	3.10	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.65	43	14518	2.88	ug/l	97
59) 2-Hexanone	9.51	43	8903	2.29	ug/l	96
74) N-amyl acetate	6.48	43	3527	0.45	ug/l	# 59

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ClientSampleId :

Quant Time: Jun 15 01:30:36 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

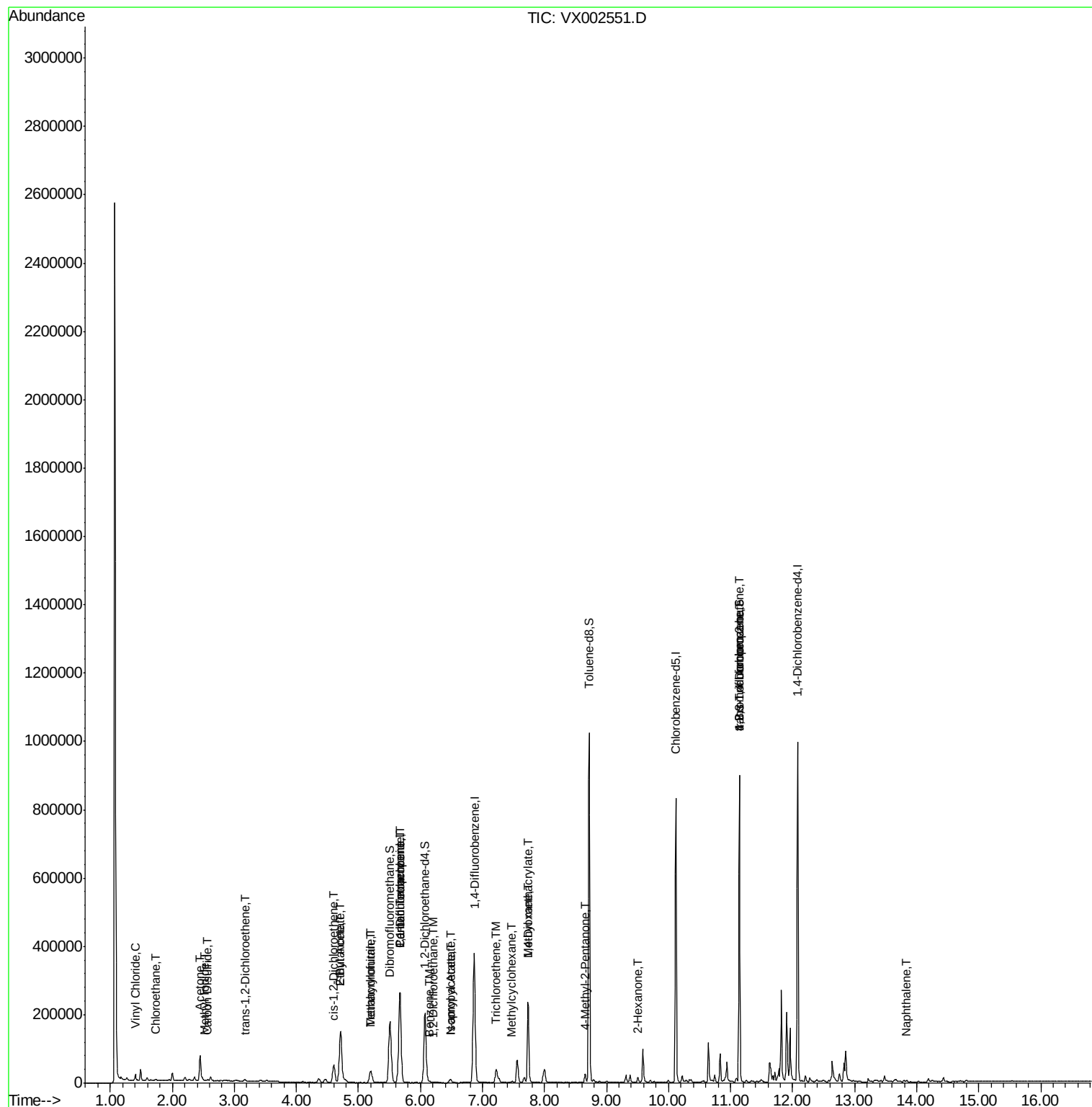
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
76) 1,2,3-Trichloropropane	11.14	75	113990	25.03	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.14	75	113990	87.75	ug/l #	7
95) Naphthalene	13.84	128	3063	0.20	ug/l #	96

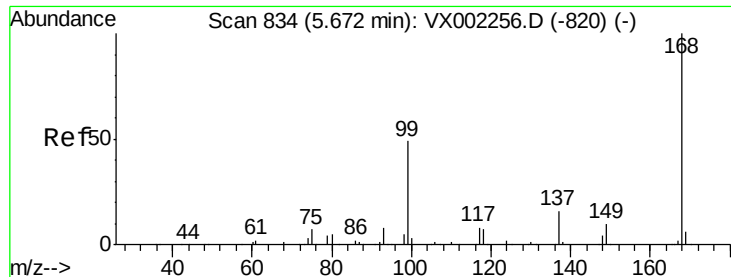
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002551.D

Acq: 14 Jun 2018 15:00

Instrument :

MSVOA_X

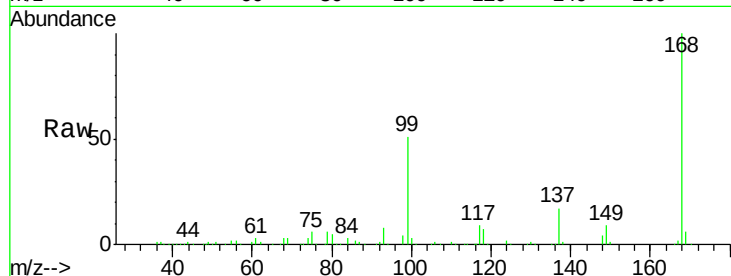
ClientSampleId :

Tot Ion:168 Resp: 263564

Ion Ratio Lower Upper

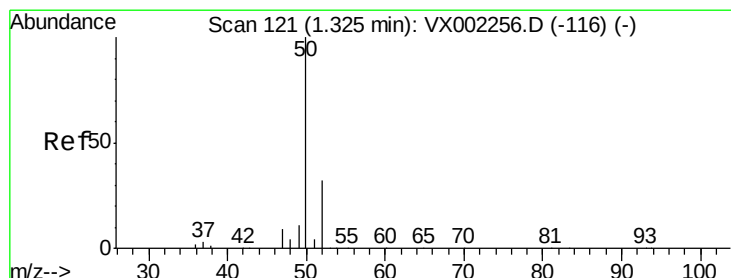
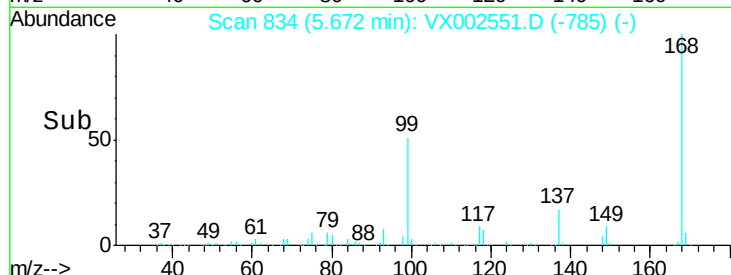
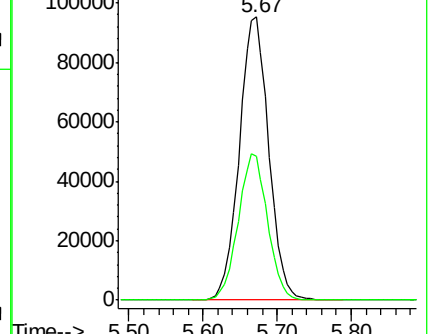
168 100

99 50.9 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002551.D

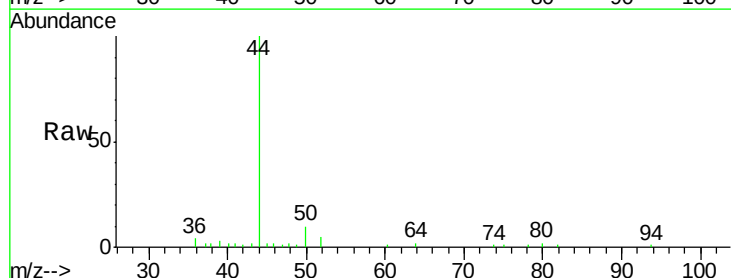
Acq: 14 Jun 2018 15:00

Tgt Ion: 50 Resp: 627

Ion Ratio Lower Upper

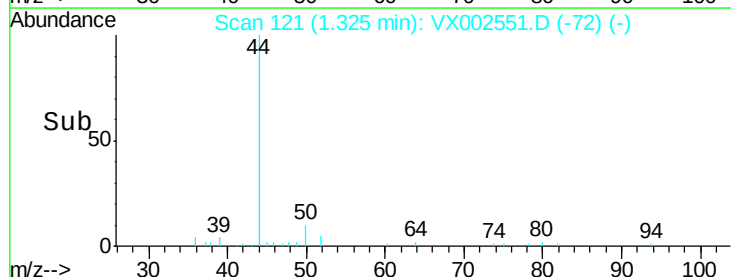
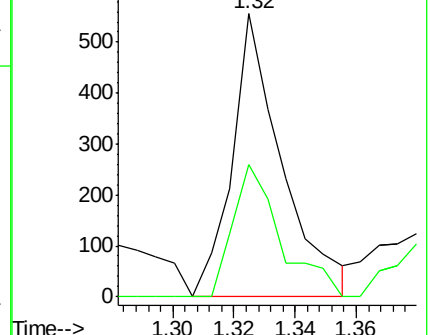
50 100

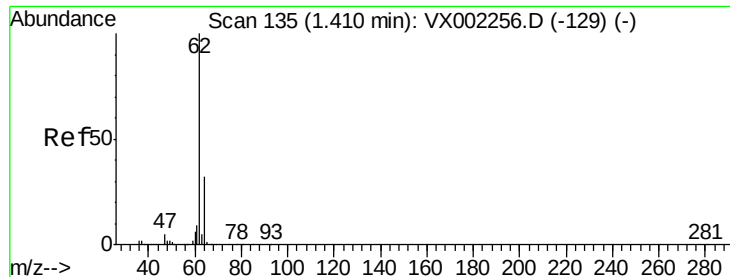
52 46.6 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#4

Vinyl Chloride

Concen: 2.87 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX002551.D

Acq: 14 Jun 2018 15:00

Instrument :

MSVOA_X

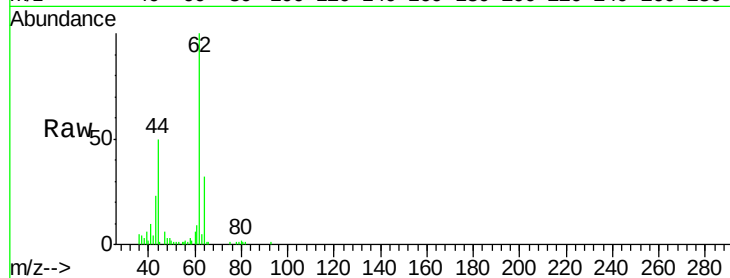
ClientSampled :

Tot Ion: 62 Resp: 9925

Ion Ratio Lower Upper

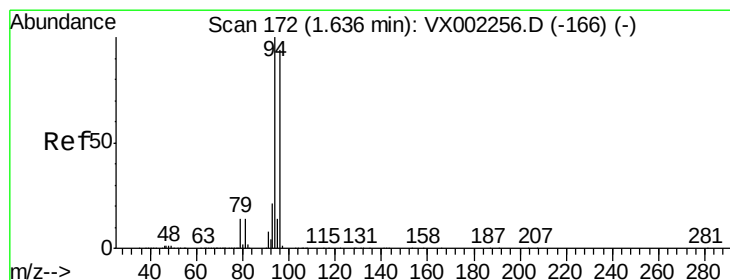
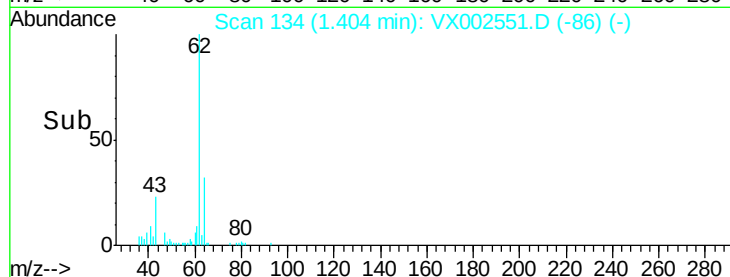
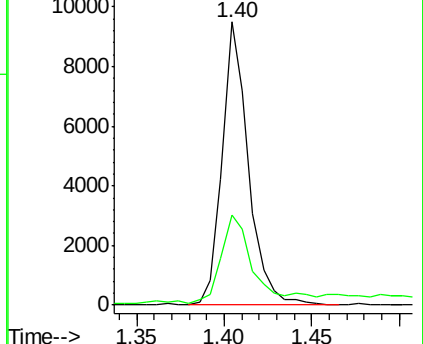
62 100

64 31.2 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX002551.D

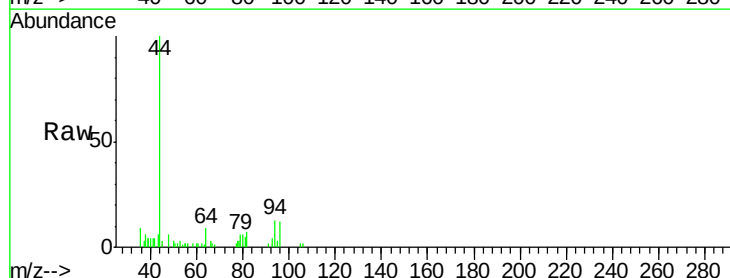
Acq: 14 Jun 2018 15:00

Tgt Ion: 94 Resp: 1172

Ion Ratio Lower Upper

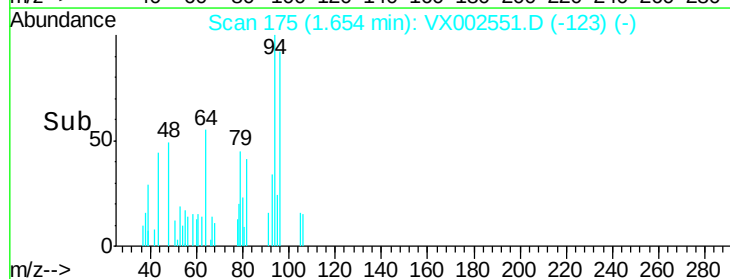
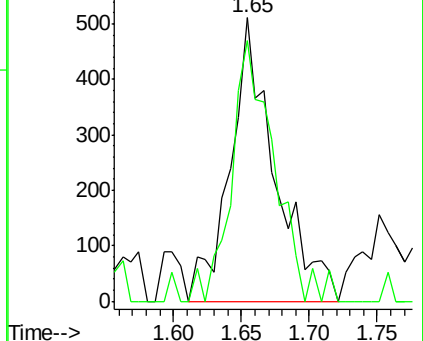
94 100

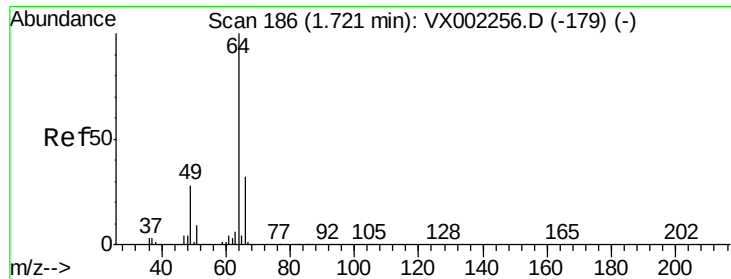
96 92.0 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 1.21 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX002551.D

Acq: 14 Jun 2018 15:00

Instrument :

MSVOA_X

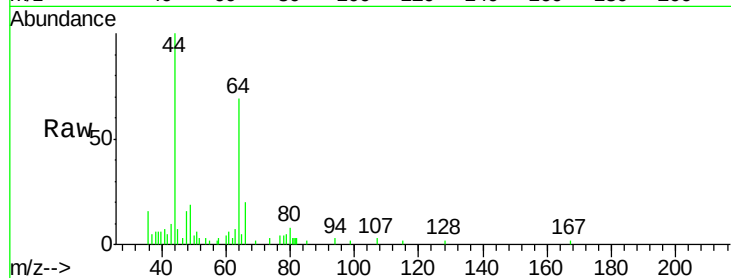
ClientSampled :

Tot Ion: 64 Resp: 2696

Ion Ratio Lower Upper

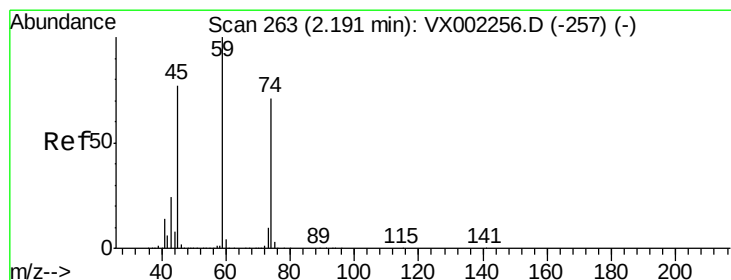
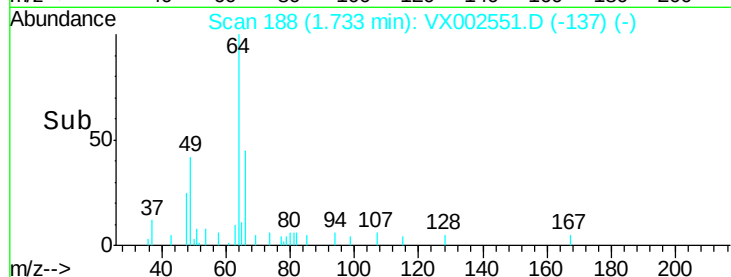
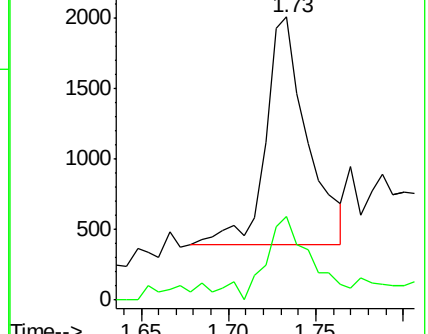
64 100

66 32.8 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#8

Diethyl Ether

Concen: Below Cal

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX002551.D

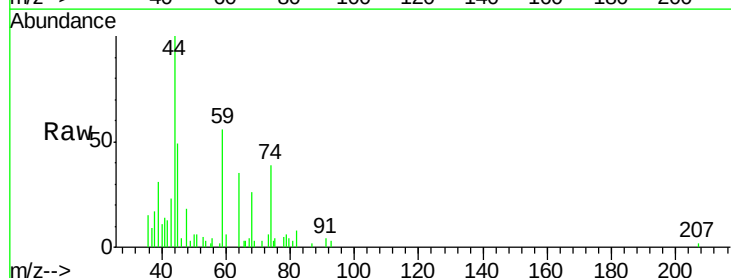
Acq: 14 Jun 2018 15:00

Tgt Ion: 74 Resp: 1731

Ion Ratio Lower Upper

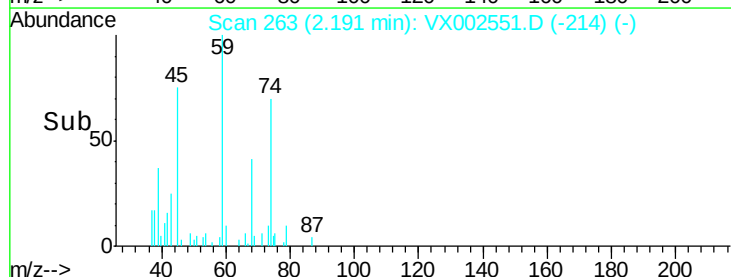
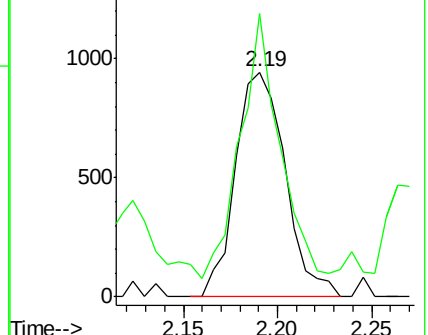
74 100

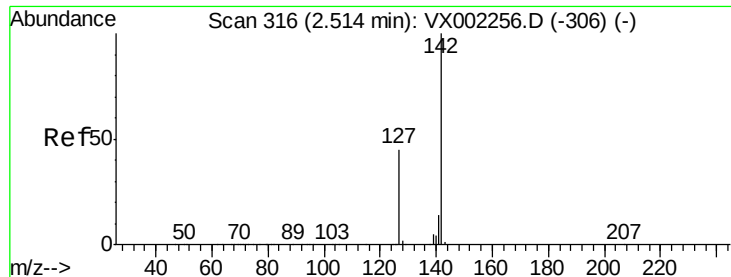
45 93.6 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

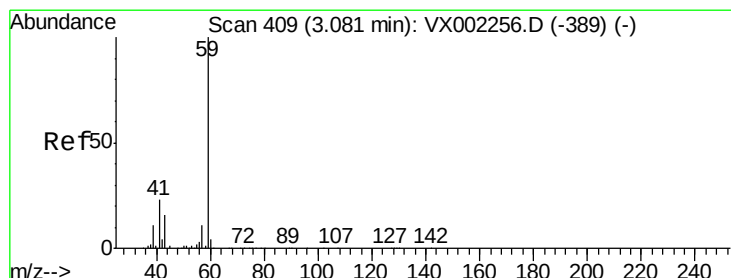
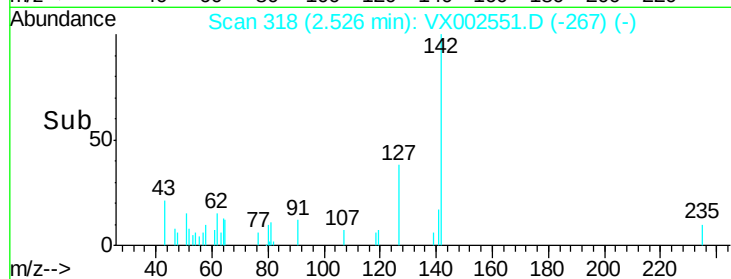
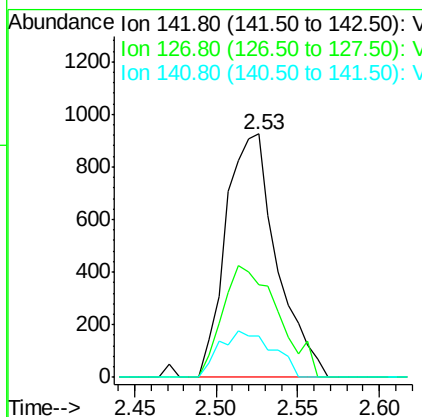
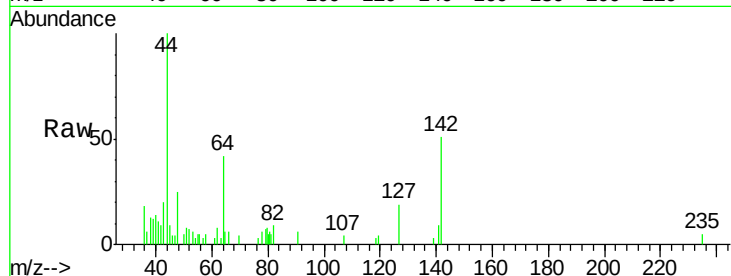




#10
Methvl Iodide
Concen: 0.50 ua/l
RT: 2.53 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX002551.D
Acq: 14 Jun 2018 15:00

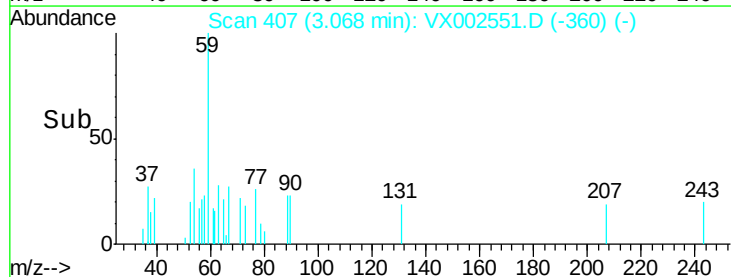
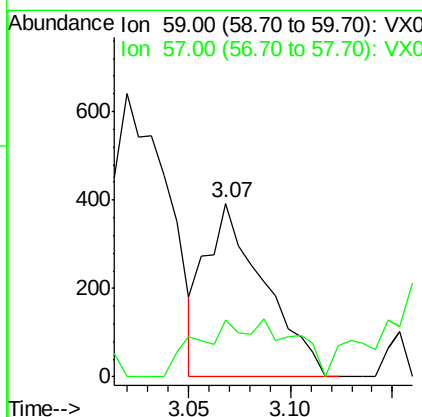
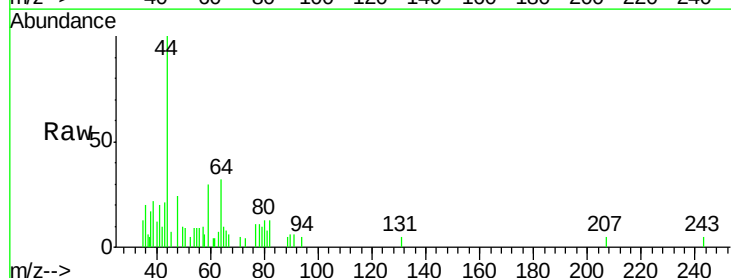
Instrument :
MSVOA_X
ClientSampled :

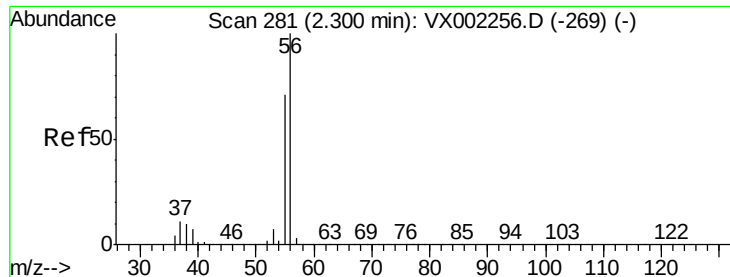
Tot Ion:142 Resp: 2014
Ion Ratio Lower Upper
142 100
127 50.4 36.6 55.0
141 20.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX002551.D
Acq: 14 Jun 2018 15:00

Tgt Ion: 59 Resp: 783
Ion Ratio Lower Upper
59 100
57 29.4 8.2 12.2#





#13

Acrolein

Concen: Below Cal

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002551.D

Acq: 14 Jun 2018 15:00

Instrument :

MSVOA_X

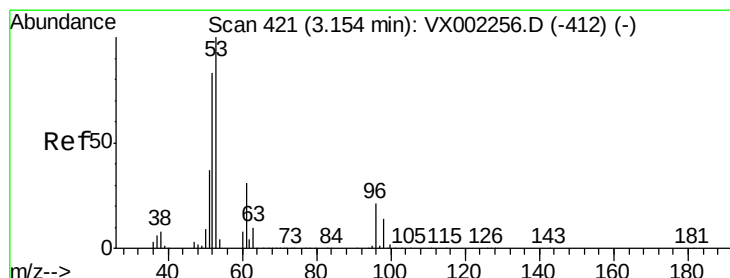
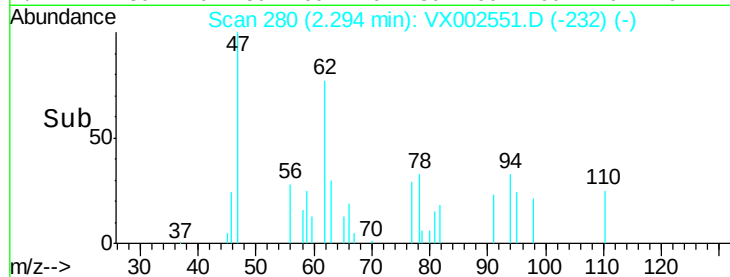
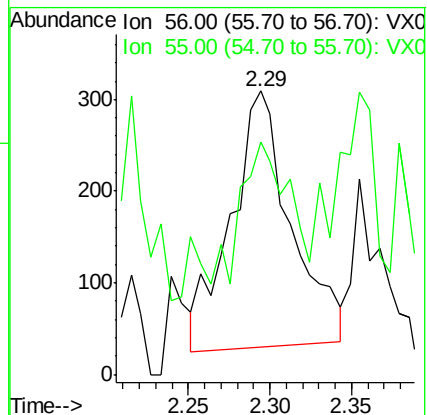
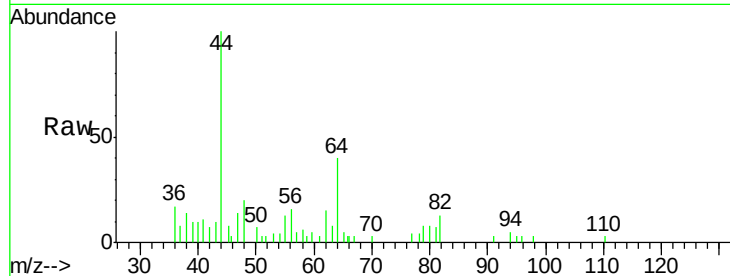
ClientSampled :

Tot Ion: 56 Resp: 717

Ion Ratio Lower Upper

56 100

55 80.1 57.0 85.4



#15

Acrylonitrile

Concen: Below Cal

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002551.D

Acq: 14 Jun 2018 15:00

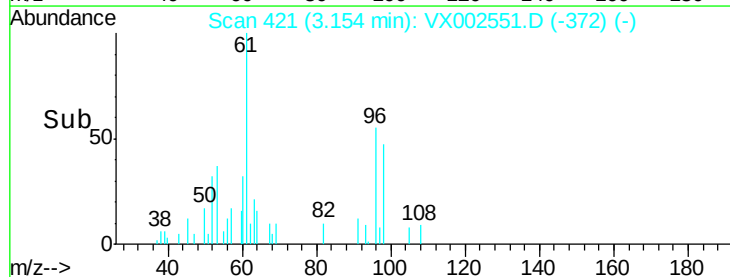
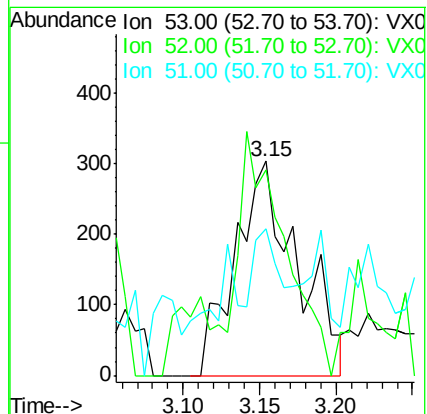
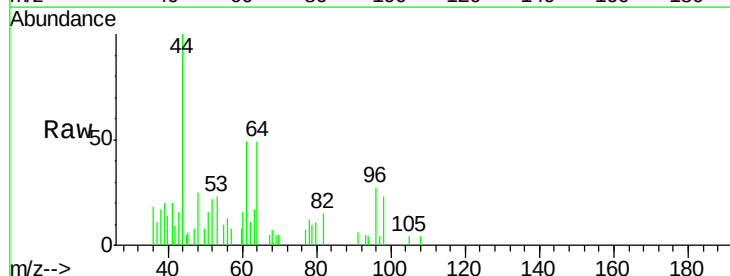
Tgt Ion: 53 Resp: 860

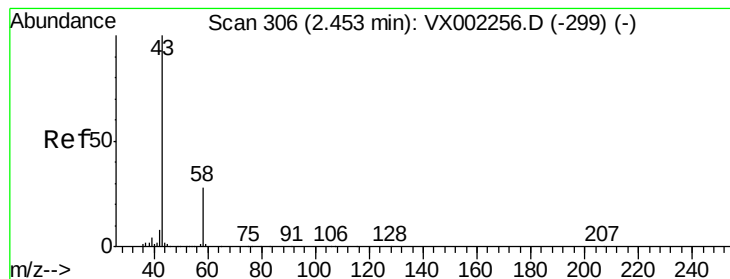
Ion Ratio Lower Upper

53 100

52 81.4 66.7 100.1

51 20.0 29.9 44.9#





#16

Acetone

Concen: 32.20 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002551.D

Acq: 14 Jun 2018 15:00

Instrument :

MSVOA_X

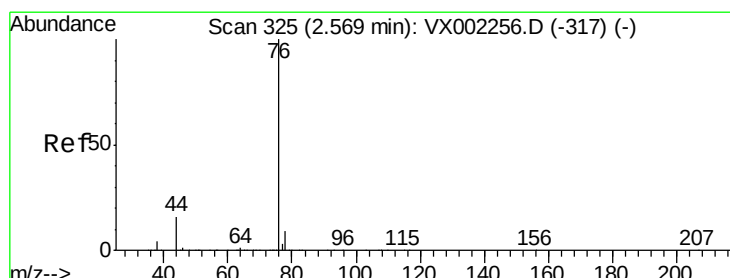
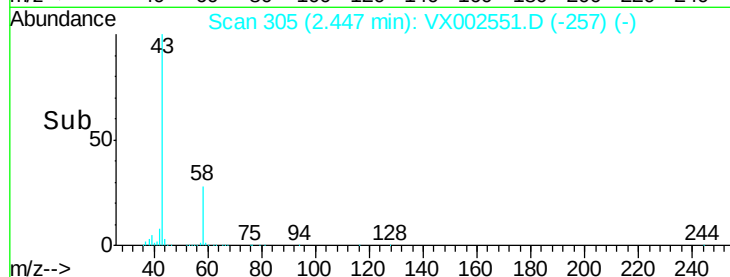
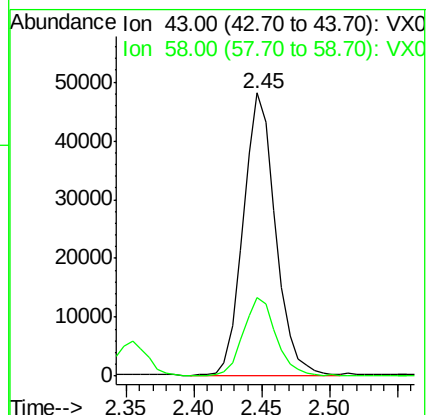
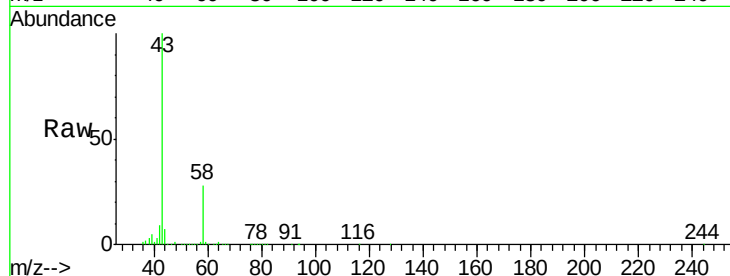
ClientSampled :

Tot Ion: 43 Resp: 79261

Ion Ratio Lower Upper

43 100

58 27.5 22.1 33.1



#17

Carbon Disulfide

Concen: 0.45 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX002551.D

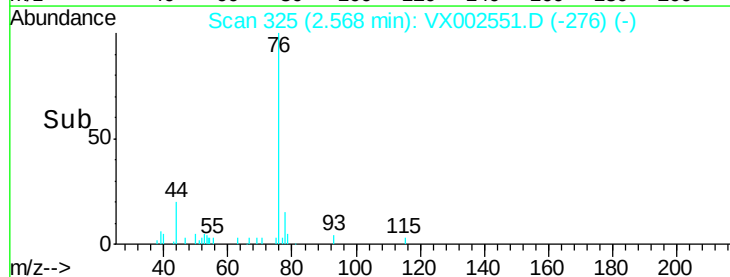
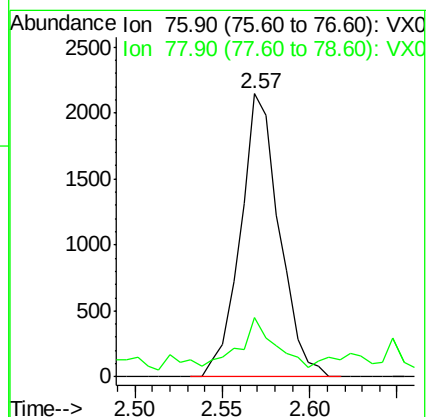
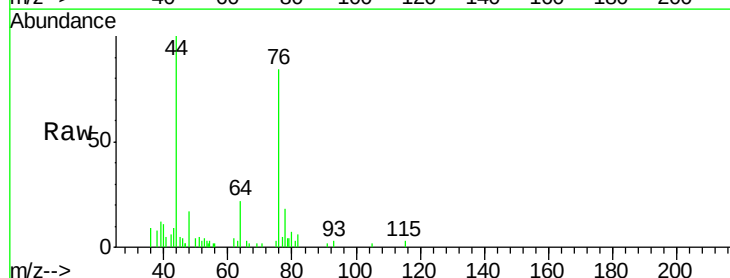
Acq: 14 Jun 2018 15:00

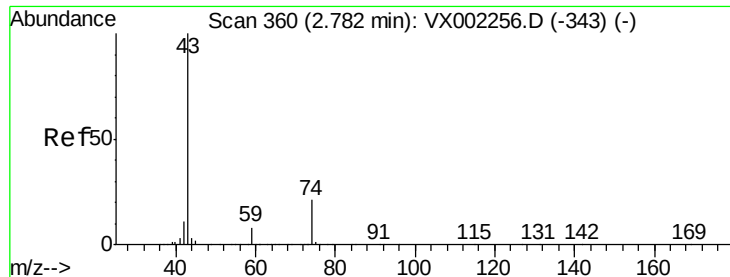
Tgt Ion: 76 Resp: 3314

Ion Ratio Lower Upper

76 100

78 14.6 6.9 10.3#

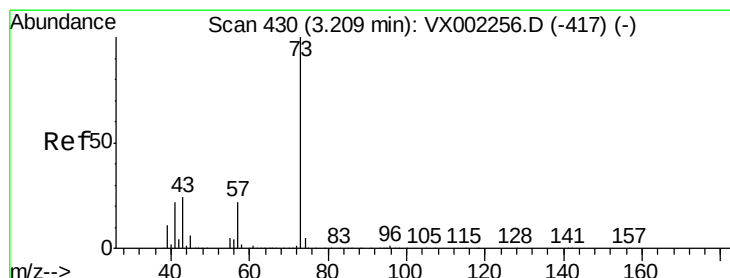
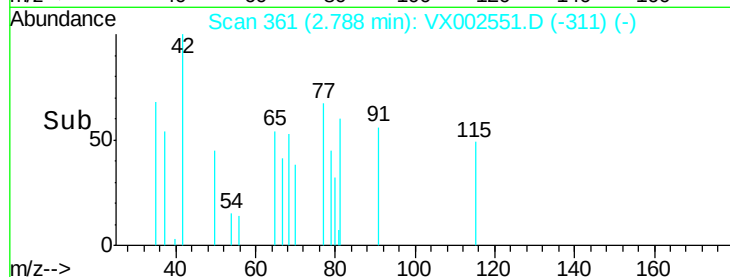
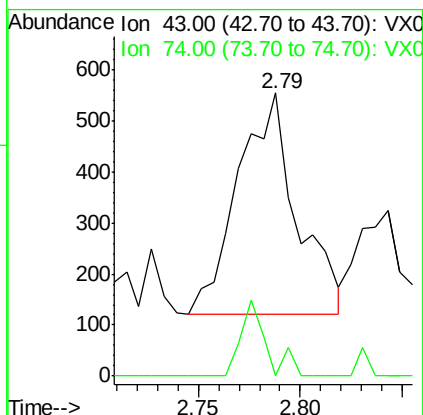
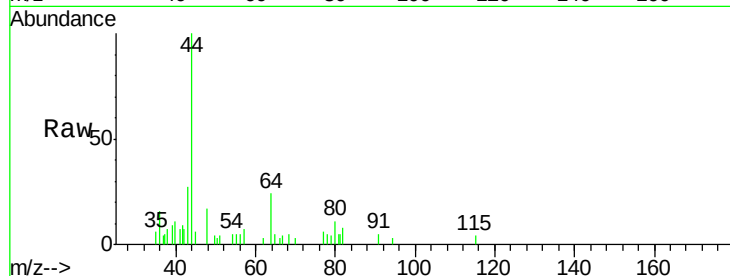




#18
Methyl Acetate
Concen: Below Cal
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: VX002551.D
Acq: 14 Jun 2018 15:00

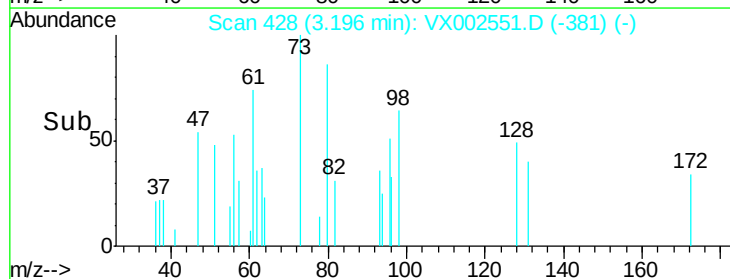
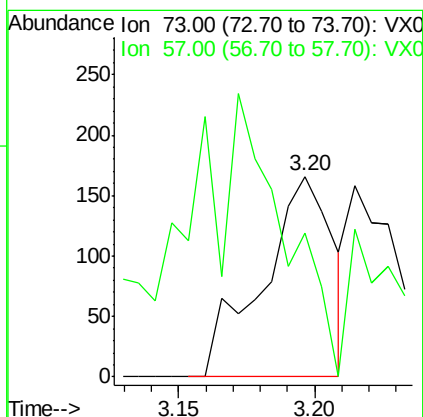
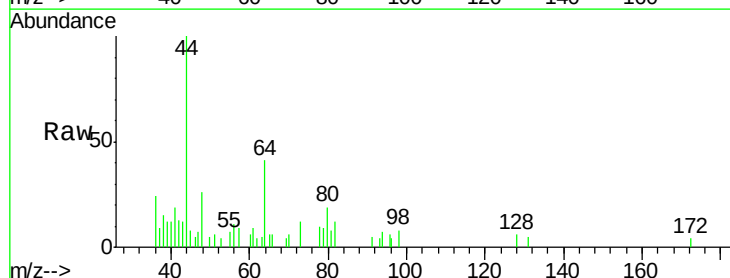
Instrument :
MSVOA_X
ClientSampled :

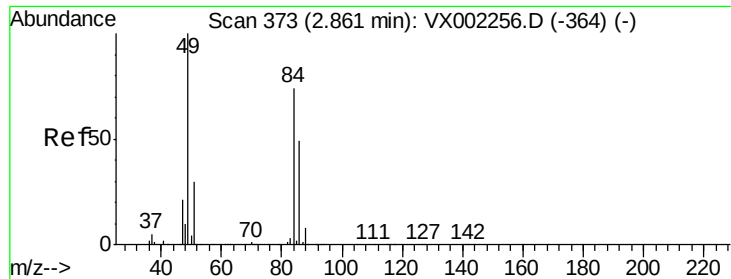
Tot Ion: 43 Resp: 869
Ion Ratio Lower Upper
43 100
74 14.5 16.7 25.1#



#19
Methyl tert-butyl Ether
Concen: Below Cal
RT: 3.20 min Scan# 428
Delta R.T. -0.01 min
Lab File: VX002551.D
Acq: 14 Jun 2018 15:00

Tgt Ion: 73 Resp: 295
Ion Ratio Lower Upper
73 100
57 71.7 17.7 26.5#

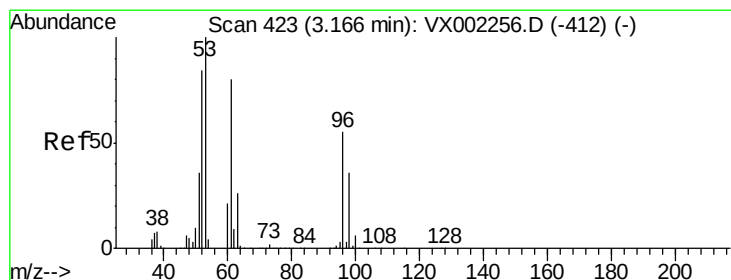
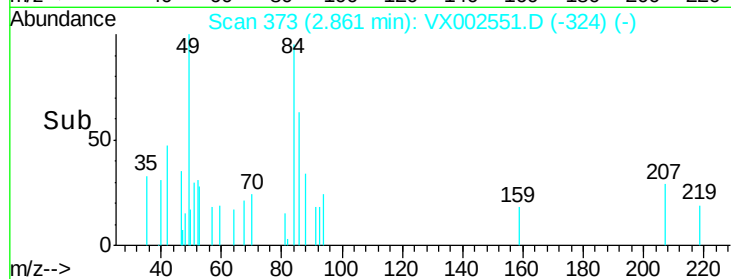
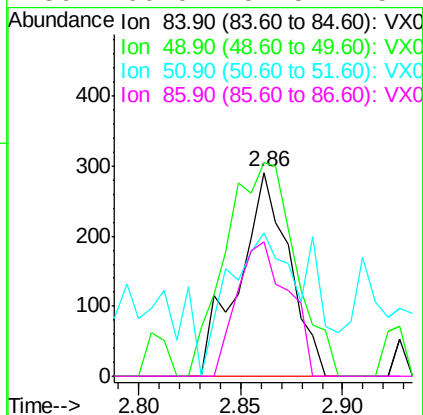
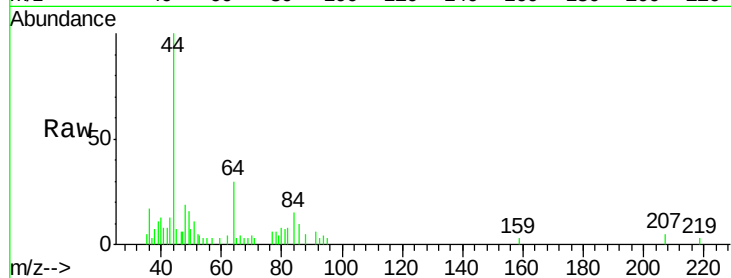




#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002551.D
Acq: 14 Jun 2018 15:00

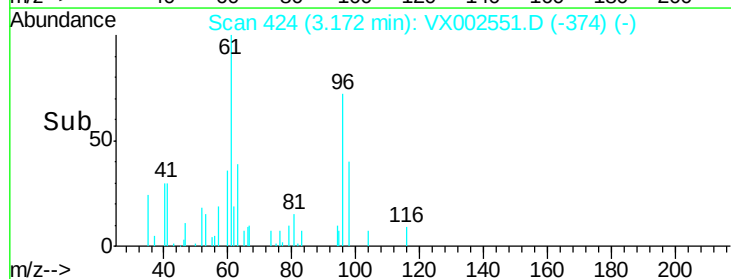
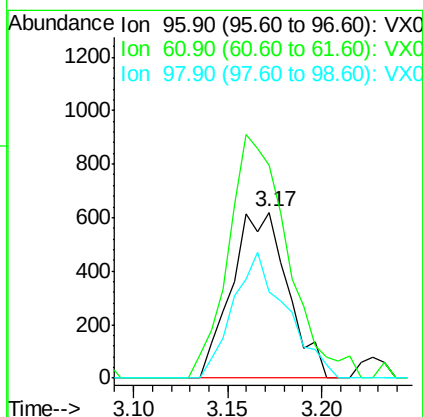
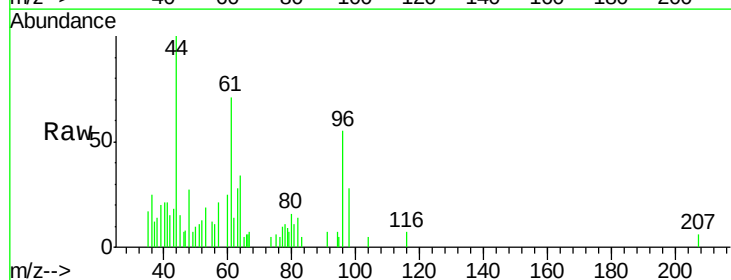
Instrument :
MSVOA_X
ClientSampled :

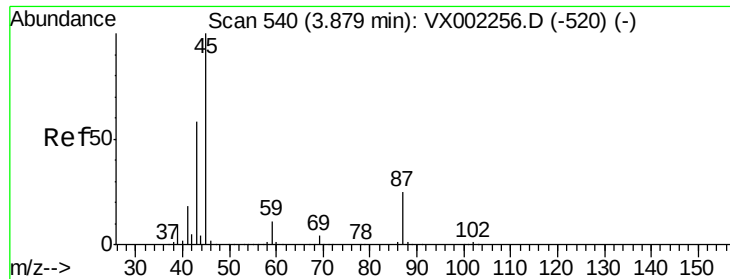
Tot Ion: 84 Resp: 498
Ion Ratio Lower Upper
84 100
49 104.8 107.8 161.6#
51 49.1 32.8 49.2
86 66.0 52.5 78.7



#21
trans-1,2-Dichloroethene
Concen: 0.41 ug/l
RT: 3.17 min Scan# 424
Delta R.T. 0.01 min
Lab File: VX002551.D
Acq: 14 Jun 2018 15:00

Tgt Ion: 96 Resp: 1274
Ion Ratio Lower Upper
96 100
61 128.0 117.0 175.4
98 51.5 52.4 78.6#



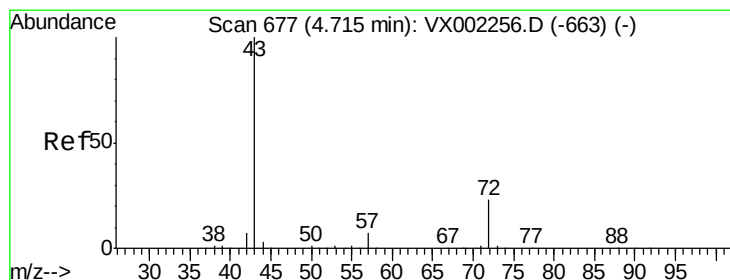
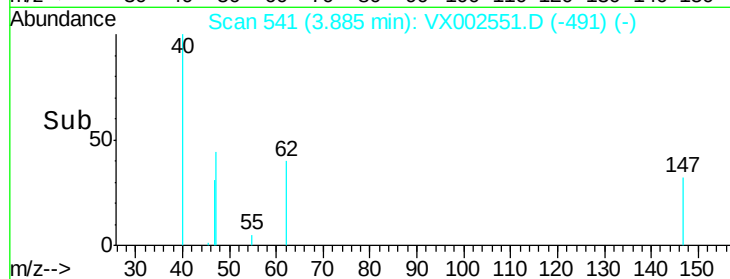
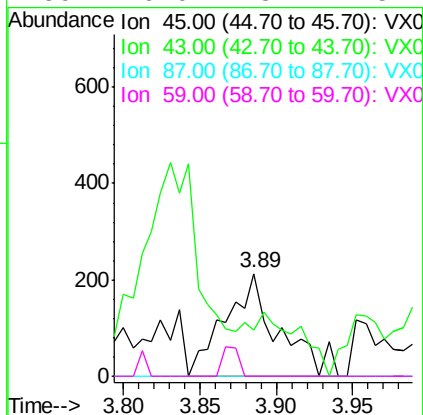
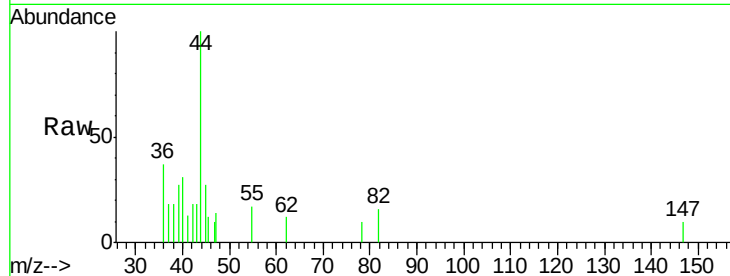


#22

Diisopropyl ether
Concen: Below Cal
RT: 3.89 min Scan# 541
Delta R.T. 0.01 min
Lab File: VX002551.D
Acq: 14 Jun 2018 15:00

Instrument :
MSVOA_X
ClientSampled :

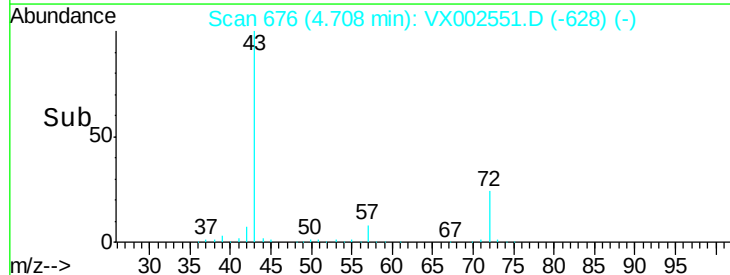
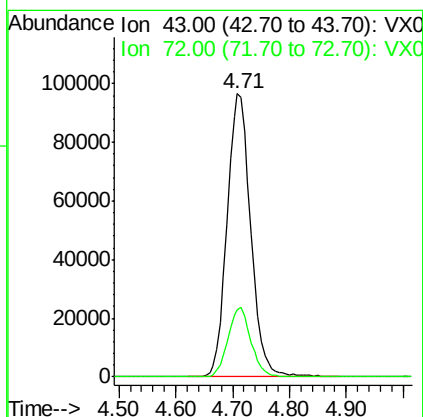
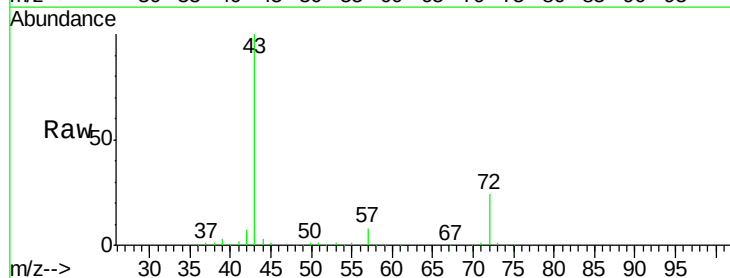
Tot Ion:	45	Resp:	519
Ion	Ratio	Lower	Upper
45	100		
43	18.8	46.8	70.2#
87	0.0	20.2	30.4#
59	0.0	8.7	13.1#

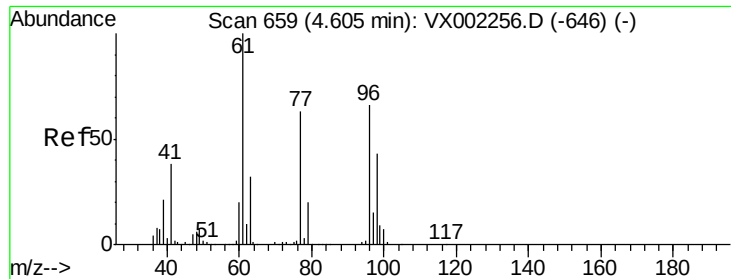


#25

2-Butanone
Concen: 108.13 ug/l
RT: 4.71 min Scan# 676
Delta R.T. -0.01 min
Lab File: VX002551.D
Acq: 14 Jun 2018 15:00

Tgt Ion:	43	Resp:	279437
Ion	Ratio	Lower	Upper
43	100		
72	23.6	18.5	27.7





#27

cis-1,2-Dichloroethene

Concen: 9.36 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX002551.D

Acq: 14 Jun 2018 15:00

Instrument :

MSVOA_X

ClientSampled :

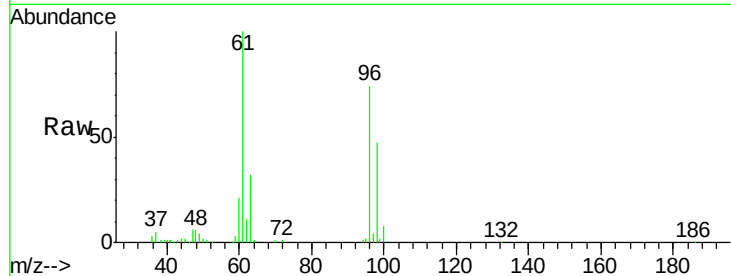
Tot Ion: 96 Resp: 31482

Ion Ratio Lower Upper

96 100

61 141.5 0.0 330.2

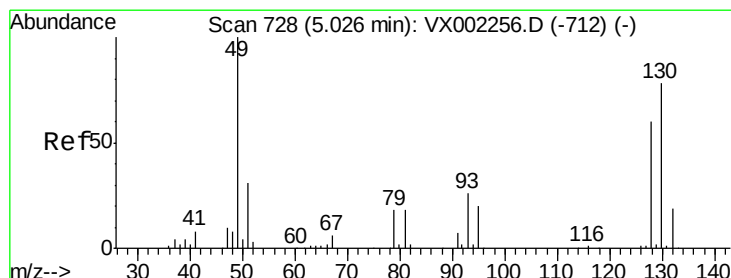
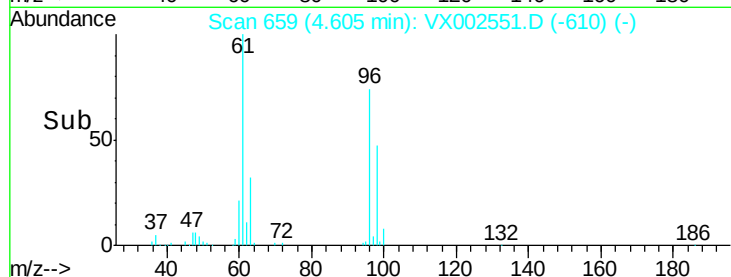
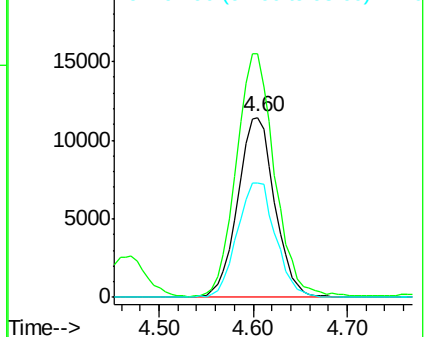
98 66.0 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: Below Cal

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX002551.D

Acq: 14 Jun 2018 15:00

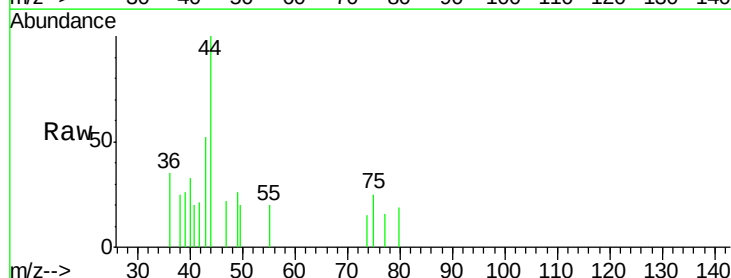
Tgt Ion: 49 Resp: 208

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

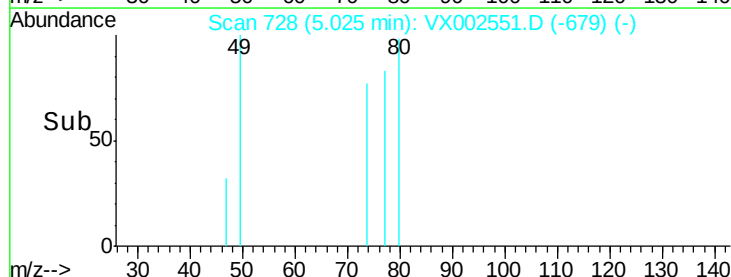
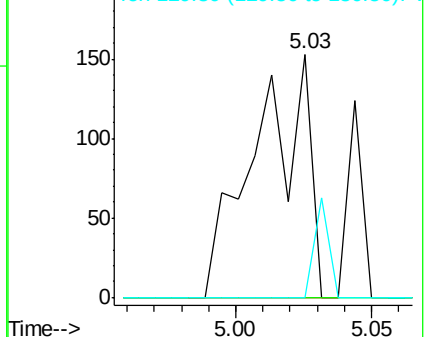
130 11.1 61.2 91.8#

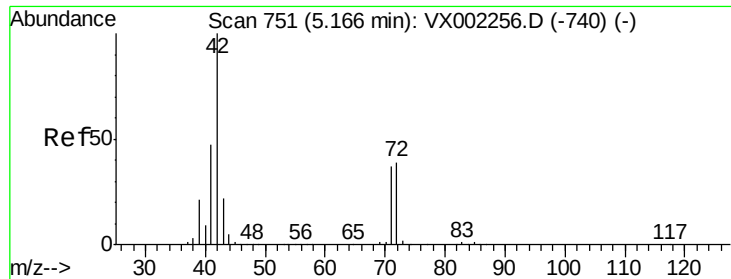


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 2.02 ug/l

RT: 5.19 min Scan# 755

Delta R.T. 0.02 min

Lab File: VX002551.D

Acq: 14 Jun 2018 15:00

Instrument :

MSVOA_X

ClientSampleId :

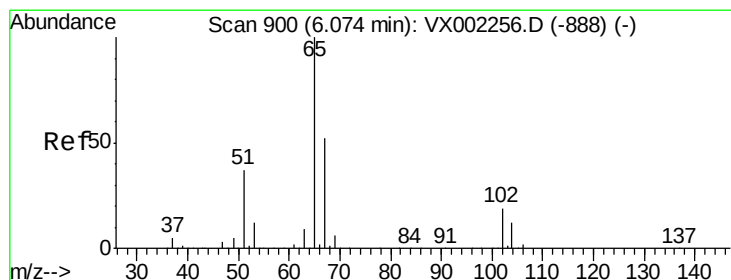
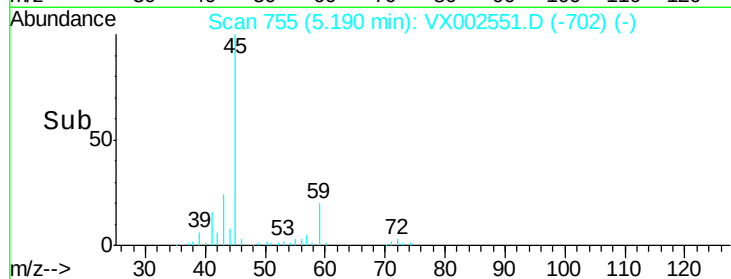
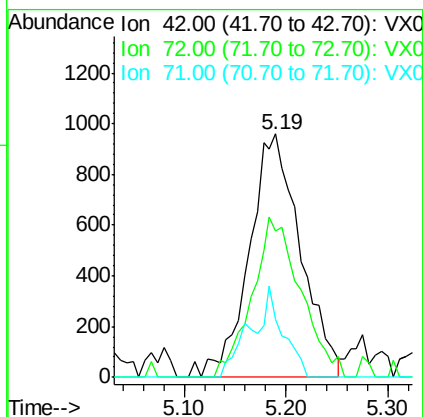
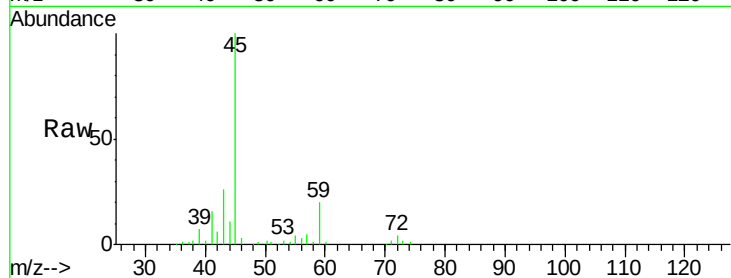
Tot Ion: 42 Resp: 3363

Ion Ratio Lower Upper

42 100

72 62.2 32.0 48.0#

71 23.2 30.1 45.1#



#33

1,2-Dichloroethane-d4

Concen: 50.77 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002551.D

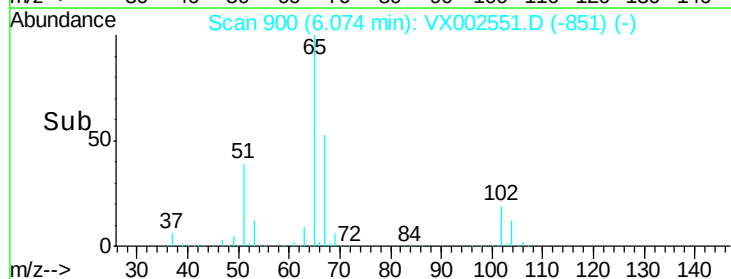
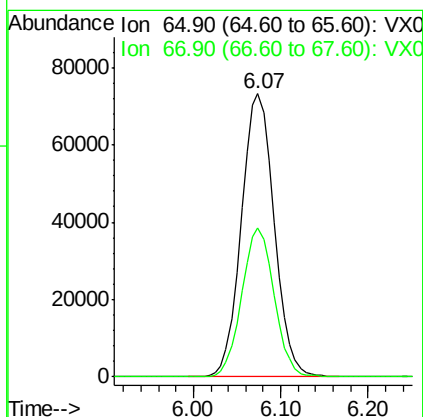
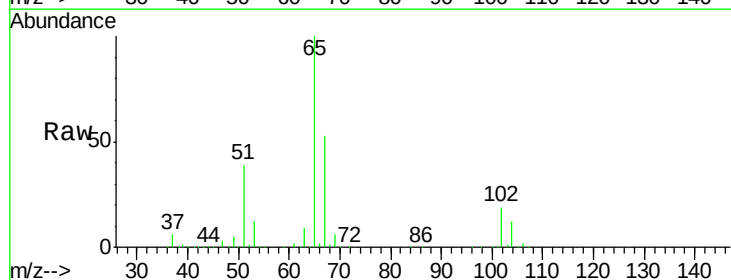
Acq: 14 Jun 2018 15:00

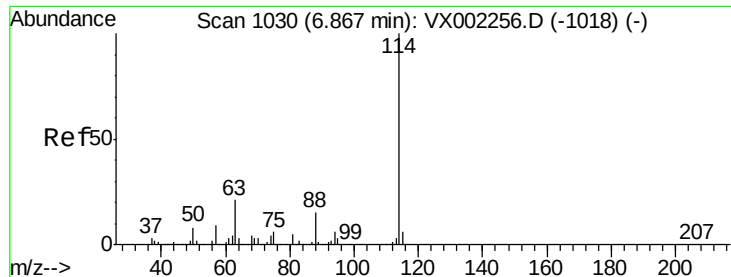
Tgt Ion: 65 Resp: 191134

Ion Ratio Lower Upper

65 100

67 51.9 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: VX002551.D

Acq: 14 Jun 2018 15:00

Instrument :
MSVOA_X
ClientSampleId :

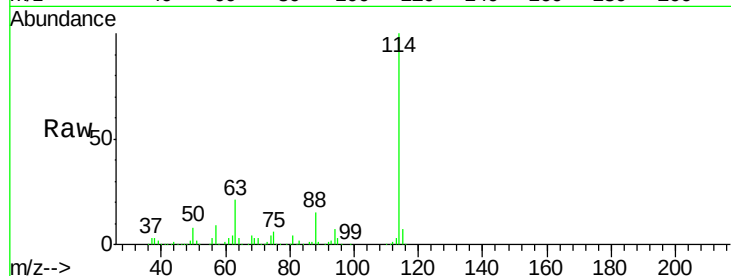
Tot Ion:114 Resp: 376956

Ion Ratio Lower Upper

114 100

63 21.3 0.0 41.4

88 15.4 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

200000

150000

100000

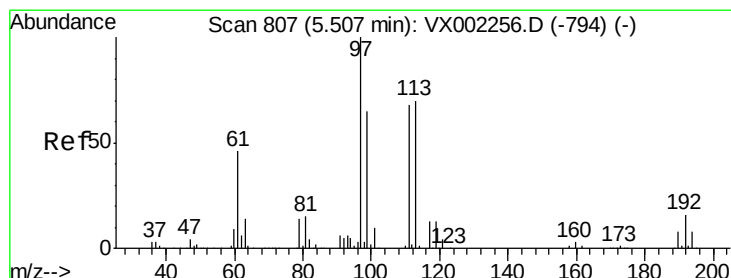
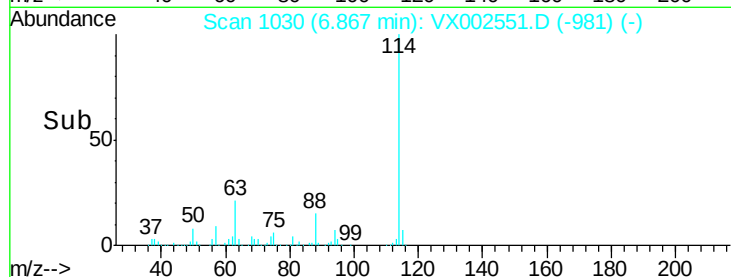
50000

0

6.87

6.80 6.90 7.00

Time-->



#35

Dibromofluoromethane

Concen: 49.33 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX002551.D

Acq: 14 Jun 2018 15:00

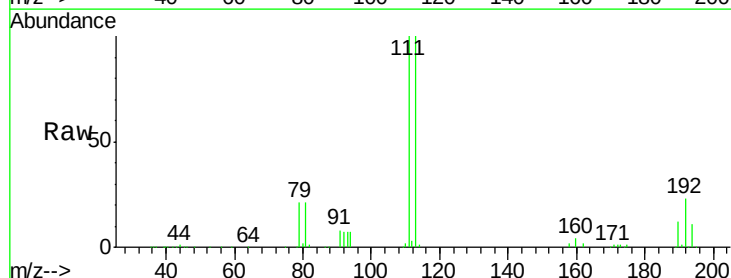
Tgt Ion:113 Resp: 146226

Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

192 23.7 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

60000

40000

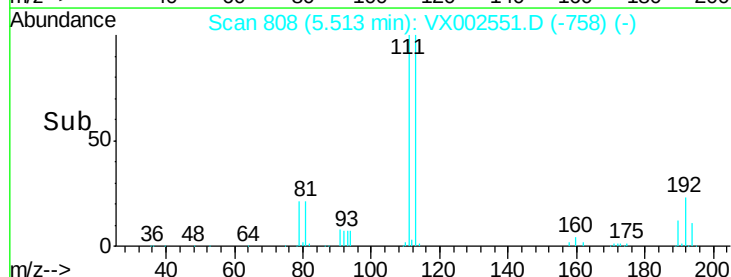
20000

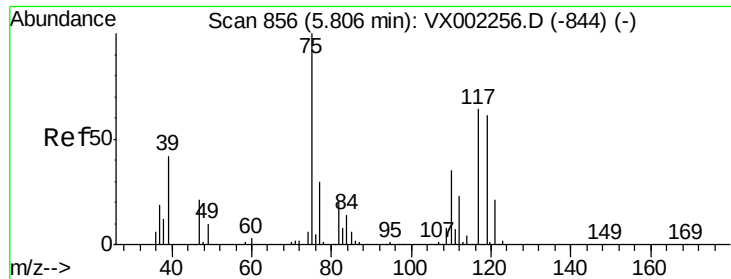
0

5.51

5.40 5.50 5.60

Time-->

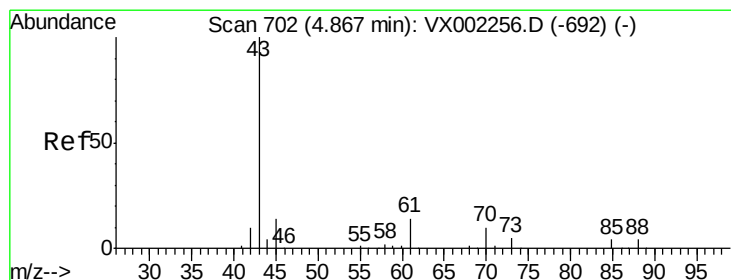
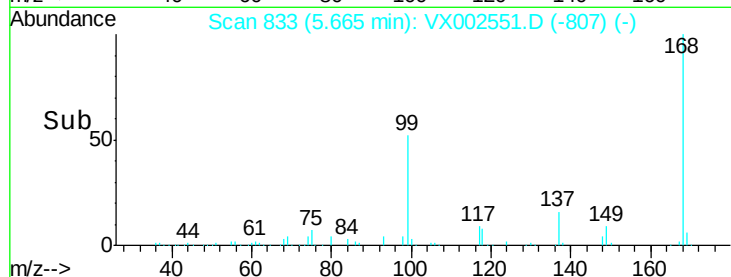
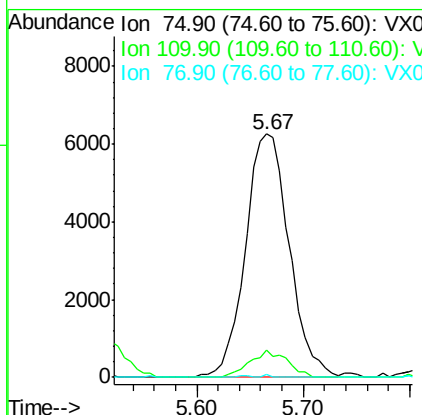
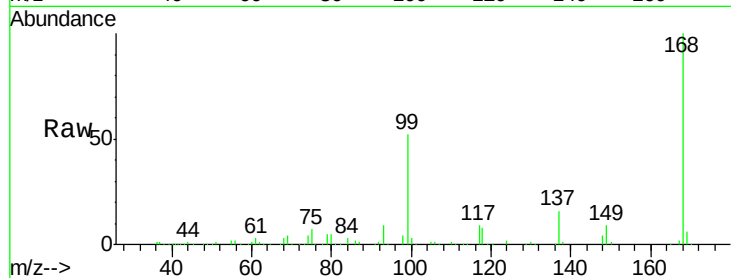




#36
 1,1-Dichloropropene
 Concen: 4.54 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.14 min
 Lab File: VX002551.D
 Acq: 14 Jun 2018 15:00

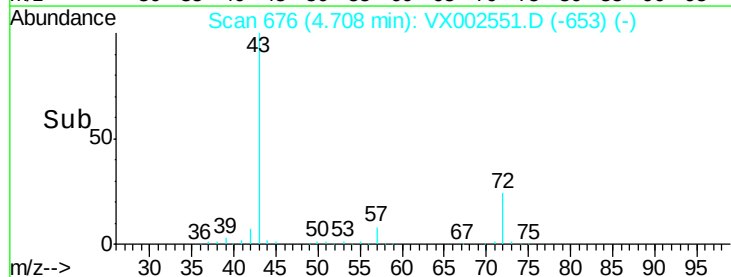
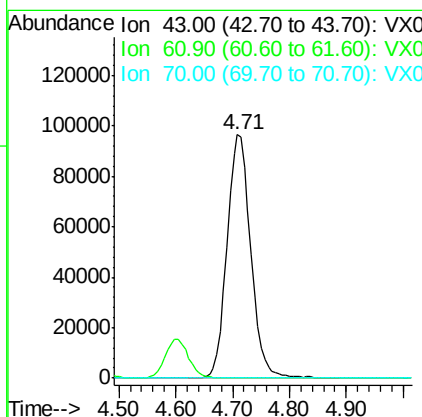
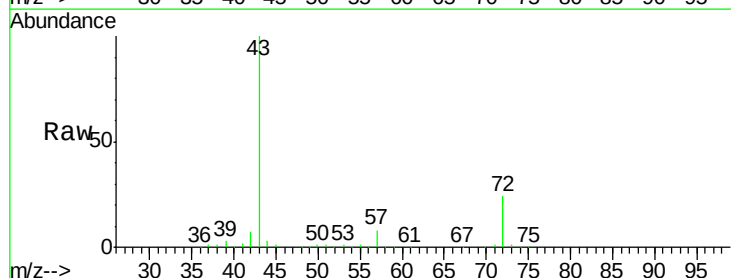
Instrument :
 MSVOA_X
 ClientSampleId :

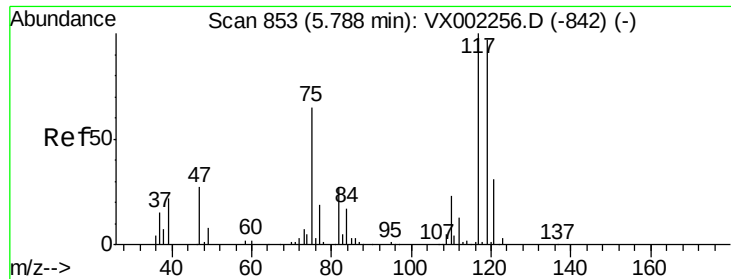
Tot Ion: 75 Resp: 17972
 Ion Ratio Lower Upper
 75 100
 110 9.5 18.1 54.4#
 77 0.1 24.3 36.5#



#37
 Ethyl Acetate
 Concen: 58.63 ug/l
 RT: 4.71 min Scan# 676
 Delta R.T. -0.16 min
 Lab File: VX002551.D
 Acq: 14 Jun 2018 15:00

Tgt Ion: 43 Resp: 279437
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.4 15.6#
 70 0.1 7.6 11.4#

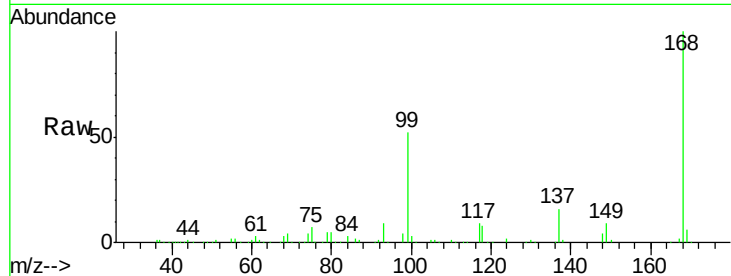




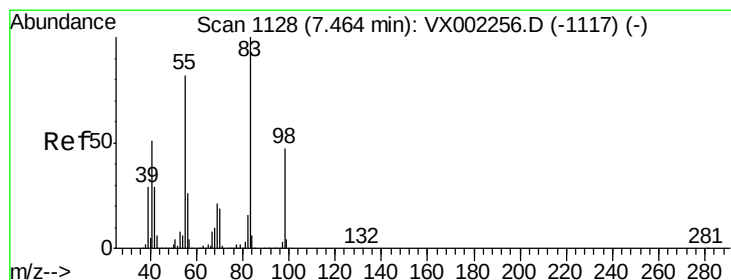
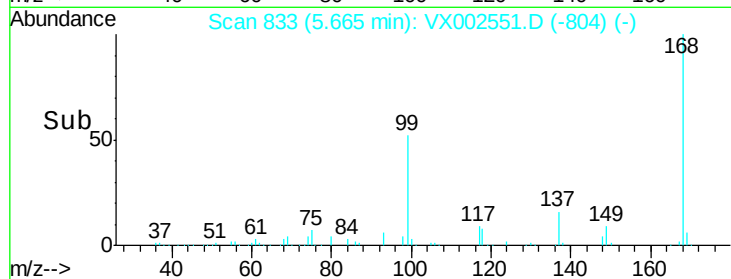
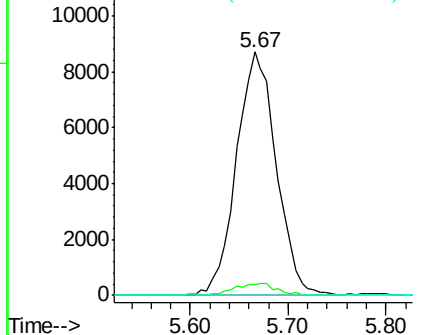
#38
Carbon Tetrachloride
Concen: 5.91 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX002551.D
Acq: 14 Jun 2018 15:00

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 24520
Ion Ratio Lower Upper
117 100
119 4.6 77.4 116.0#
121 0.0 24.4 36.6#

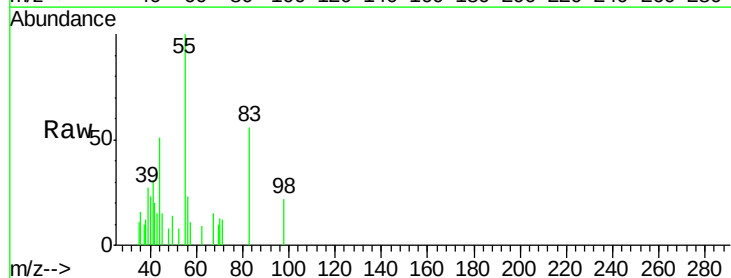


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

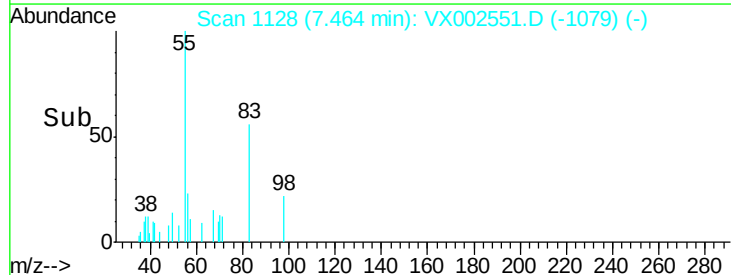
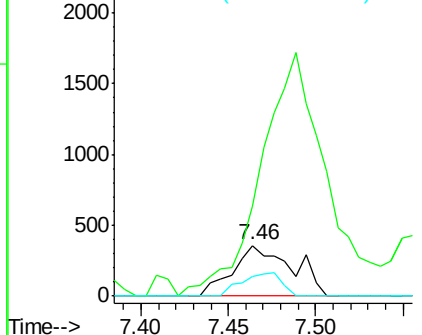


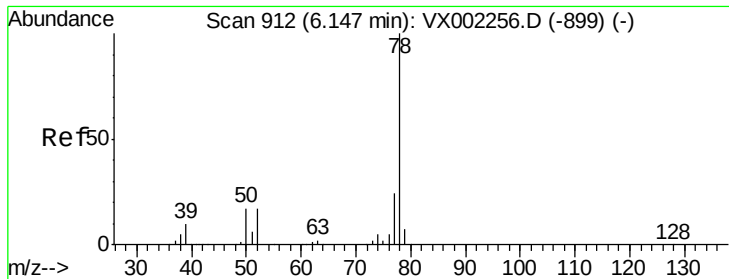
#39
Methylcyclohexane
Concen: 0.44 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002551.D
Acq: 14 Jun 2018 15:00

Tgt Ion: 83 Resp: 849
Ion Ratio Lower Upper
83 100
55 161.4 65.4 98.0#
98 38.9 37.4 56.0



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.22 ug/l

RT: 6.15 min Scan# 913

Delta R.T. 0.01 min

Lab File: VX002551.D

Acq: 14 Jun 2018 15:00

Instrument :

MSVOA_X

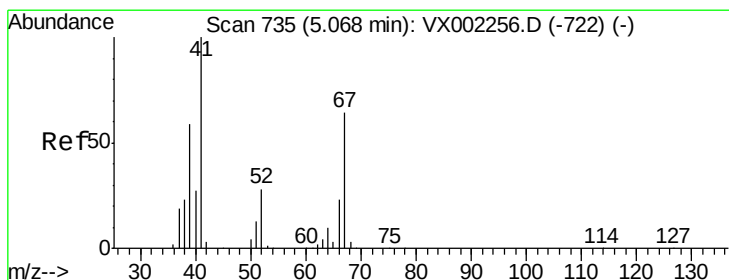
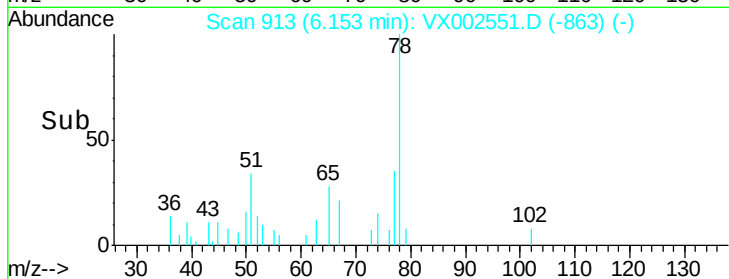
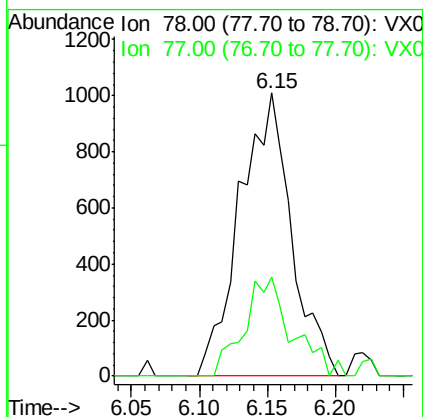
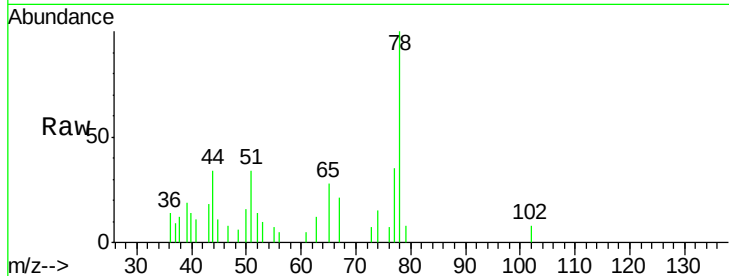
ClientSampled :

Tot Ion: 78 Resp: 2681

Ion Ratio Lower Upper

78 100

77 35.0 19.1 28.7#



#41

Methacrylonitrile

Concen: 3.09 ug/l

RT: 5.20 min Scan# 757

Delta R.T. 0.13 min

Lab File: VX002551.D

Acq: 14 Jun 2018 15:00

Tgt Ion: 41 Resp: 8427

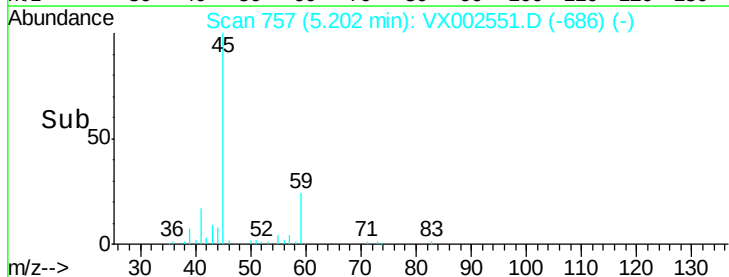
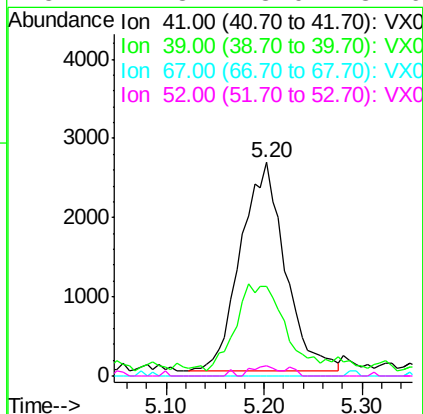
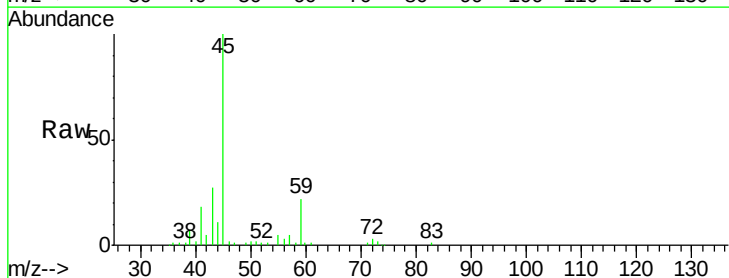
Ion Ratio Lower Upper

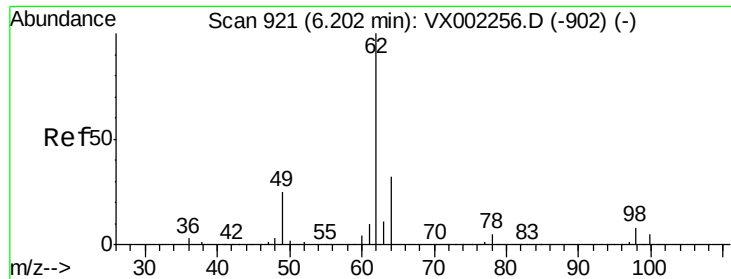
41 100

39 44.8 45.8 68.6#

67 0.0 51.3 76.9#

52 2.8 23.0 34.6#

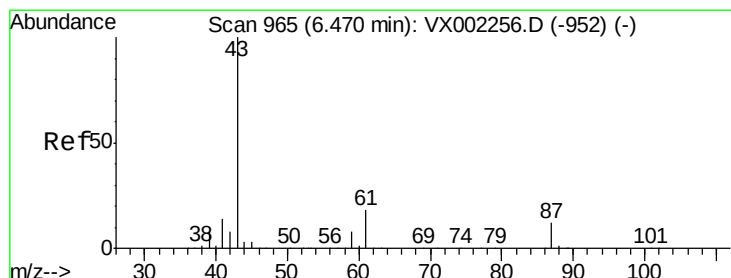
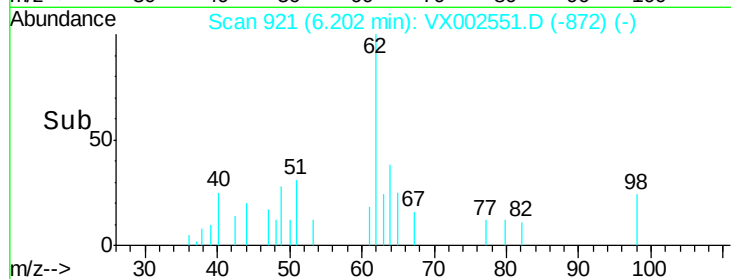
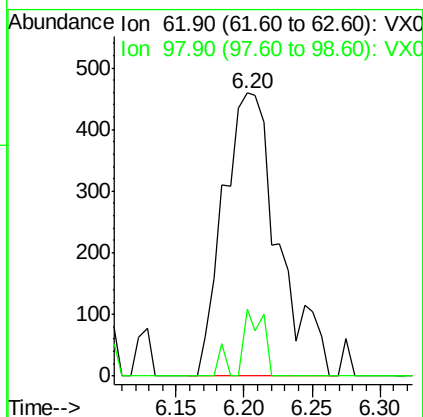
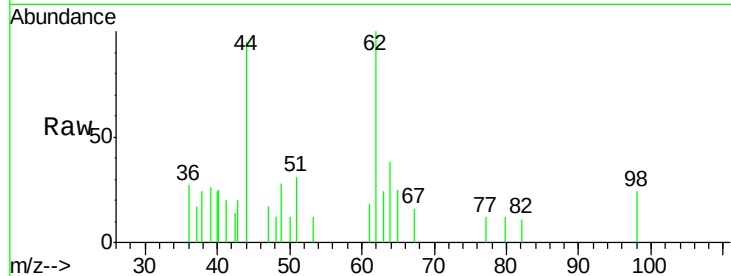




#42
 1,2-Dichloroethane
 Concen: 0.27 ug/l
 RT: 6.20 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VX002551.D
 Acq: 14 Jun 2018 15:00

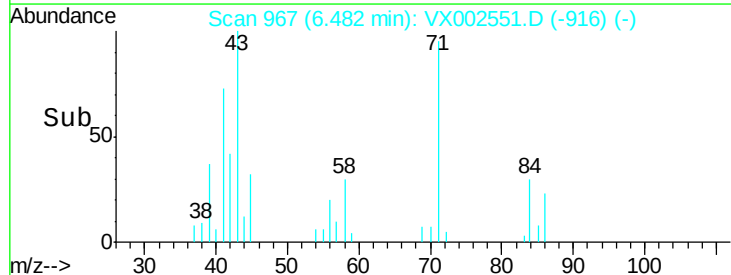
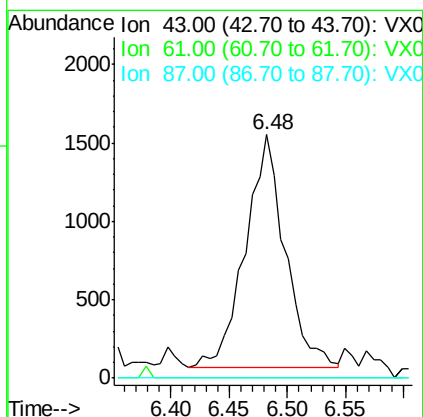
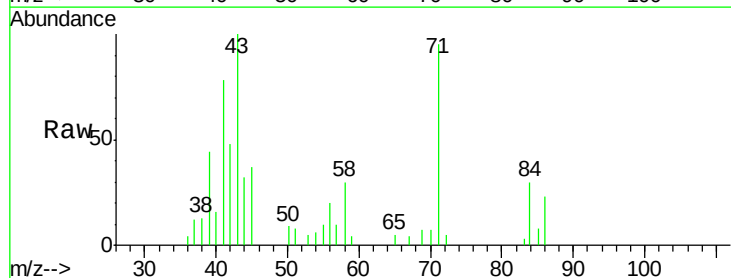
Instrument :
 MSVOA_X
 ClientSampled :

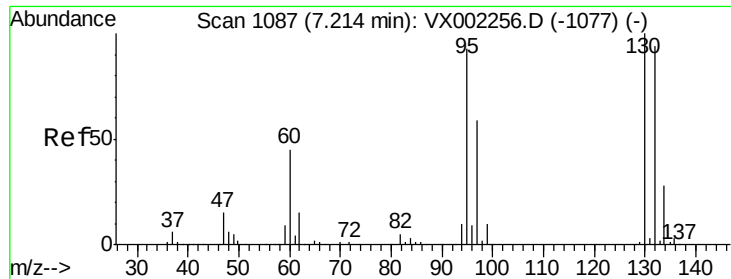
Tot Ion: 62 Resp: 1295
 Ion Ratio Lower Upper
 62 100
 98 8.0 0.0 16.6



#43
 Isopropyl Acetate
 Concen: 0.44 ug/l
 RT: 6.48 min Scan# 967
 Delta R.T. 0.01 min
 Lab File: VX002551.D
 Acq: 14 Jun 2018 15:00

Tgt Ion: 43 Resp: 3527
 Ion Ratio Lower Upper
 43 100
 61 0.0 14.4 21.6#
 87 0.0 9.5 14.3#





#44

Trichloroethene

Concen: 4.14 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX002551.D

Acq: 14 Jun 2018 15:00

Instrument :

MSVOA_X

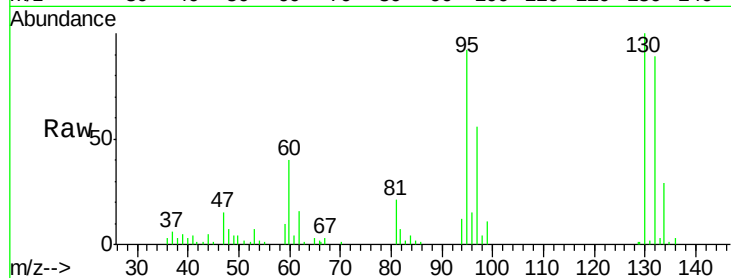
ClientSampleId :

Tot Ion:130 Resp: 13946

Ion Ratio Lower Upper

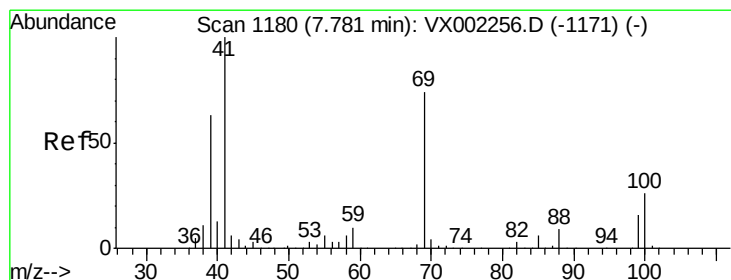
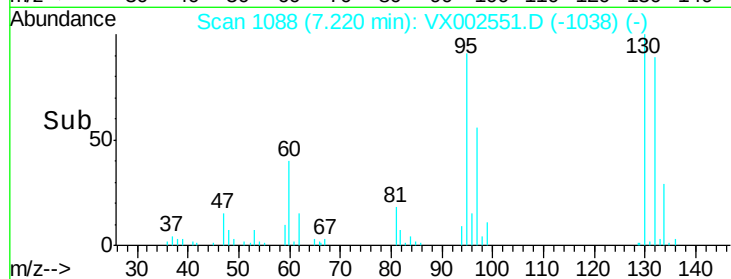
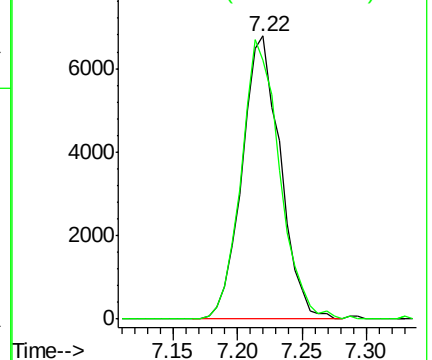
130 100

95 91.6 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#48

Methyl methacrylate

Concen: 1.61 ug/l

RT: 7.73 min Scan# 1172

Delta R.T. -0.05 min

Lab File: VX002551.D

Acq: 14 Jun 2018 15:00

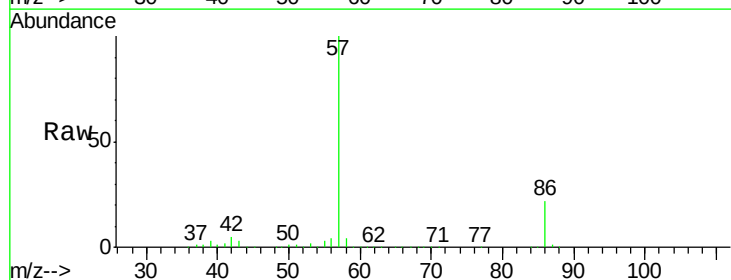
Tgt Ion: 41 Resp: 6538

Ion Ratio Lower Upper

41 100

69 5.9 59.1 88.7#

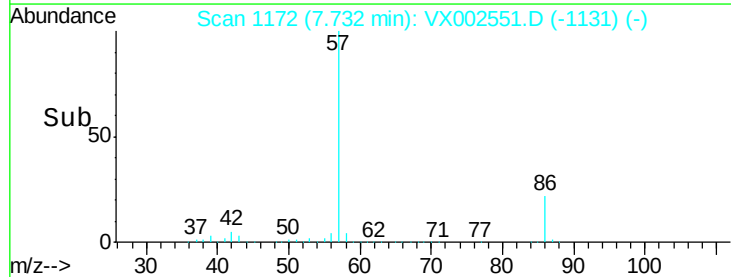
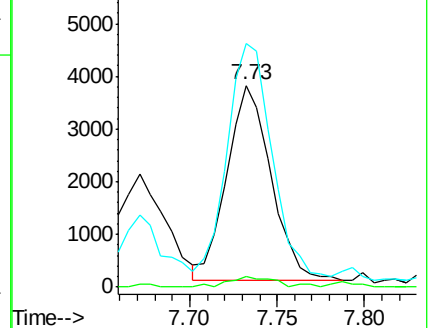
39 125.1 48.9 73.3#

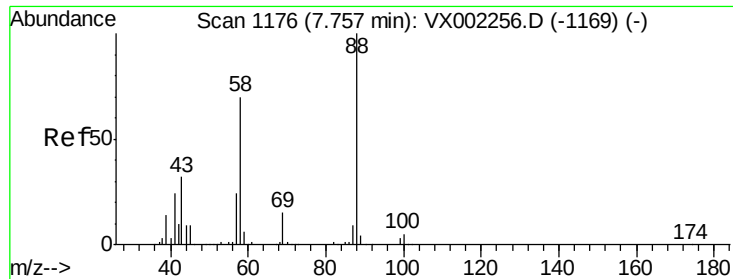


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

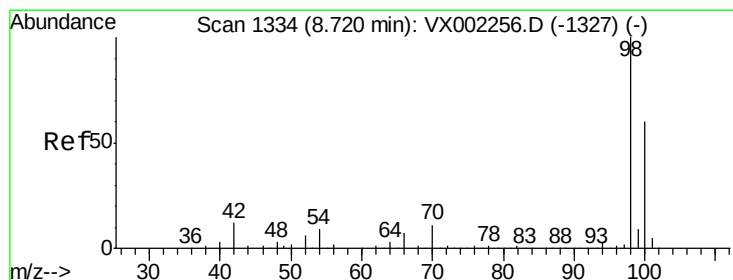
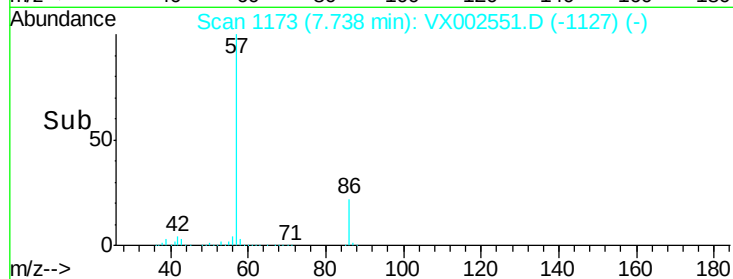
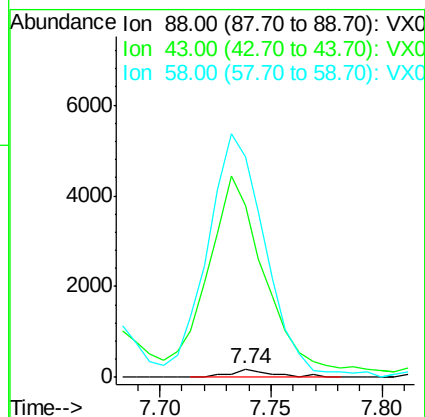
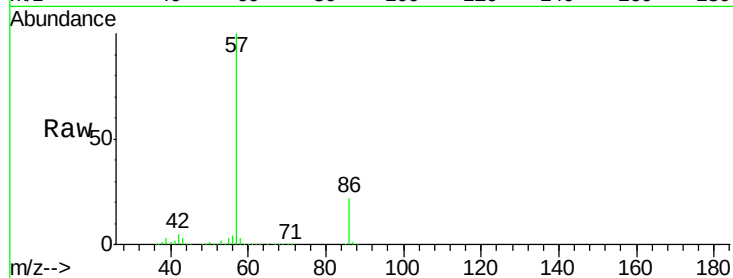




#49
 1,4-Dioxane
 Concen: 3.10 ug/l
 RT: 7.74 min Scan# 1173
 Delta R.T. -0.02 min
 Lab File: VX002551.D
 Acq: 14 Jun 2018 15:00

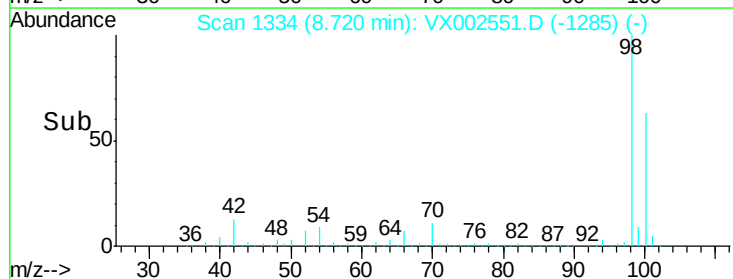
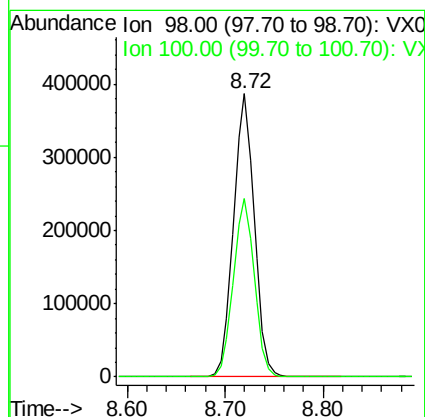
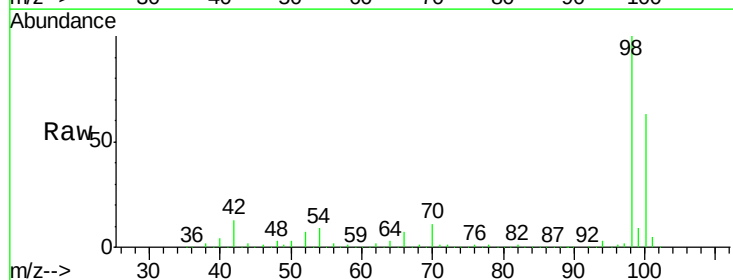
Instrument :
 MSVOA_X
 ClientSampleId :

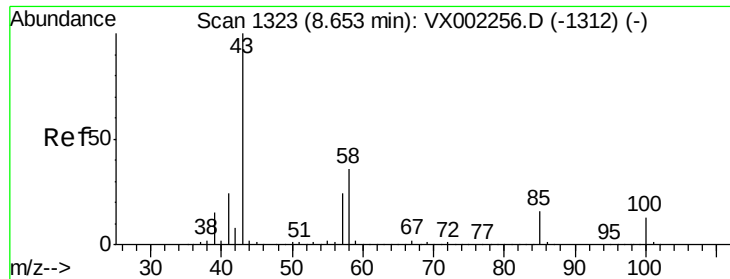
Tot Ion: 88 Resp: 236
 Ion Ratio Lower Upper
 88 100
 43 3157.2 29.8 44.6#
 58 4135.2 57.1 85.7#



#50
 Toluene-d8
 Concen: 50.36 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: VX002551.D
 Acq: 14 Jun 2018 15:00

Tgt Ion: 98 Resp: 572199
 Ion Ratio Lower Upper
 98 100
 100 63.2 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 2.88 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002551.D

Acq: 14 Jun 2018 15:00

Instrument :

MSVOA_X

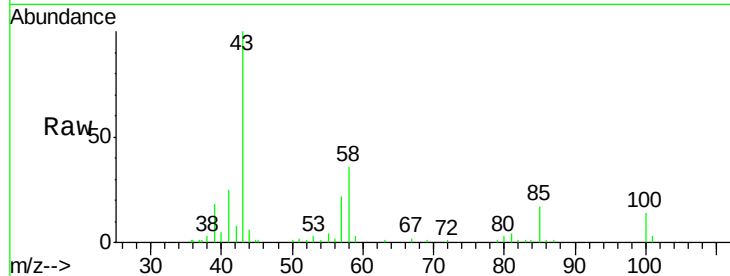
ClientSampled :

Tot Ion: 43 Resp: 14518

Ion Ratio Lower Upper

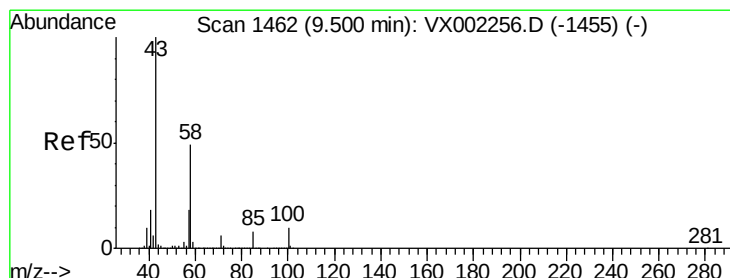
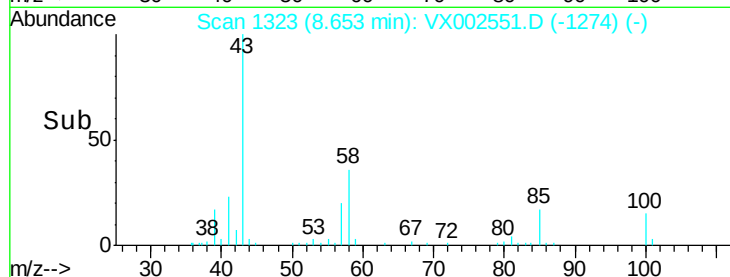
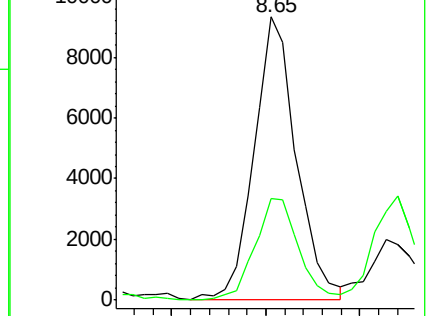
43 100

58 37.2 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#59

2-Hexanone

Concen: 2.29 ug/l

RT: 9.51 min Scan# 1463

Delta R.T. 0.01 min

Lab File: VX002551.D

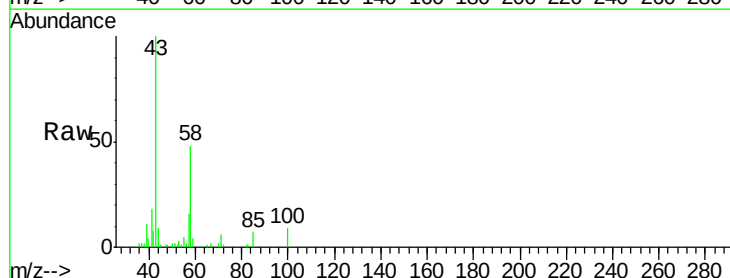
Acq: 14 Jun 2018 15:00

Tgt Ion: 43 Resp: 8903

Ion Ratio Lower Upper

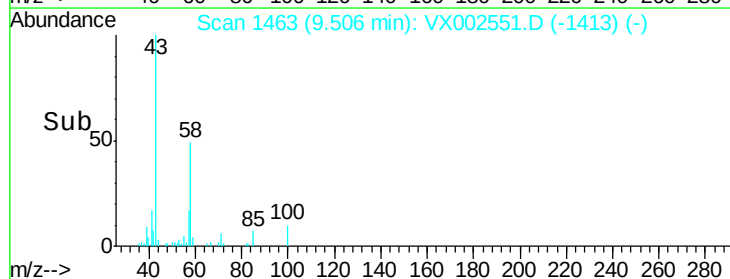
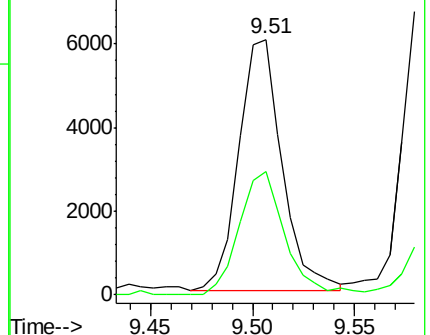
43 100

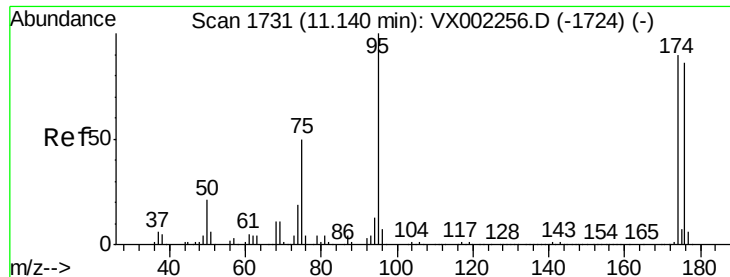
58 51.7 24.6 73.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#62

4-Bromofluorobenzene

Concen: 48.44 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002551.D

Acq: 14 Jun 2018 15:00

Instrument :

MSVOA_X

ClientSampled :

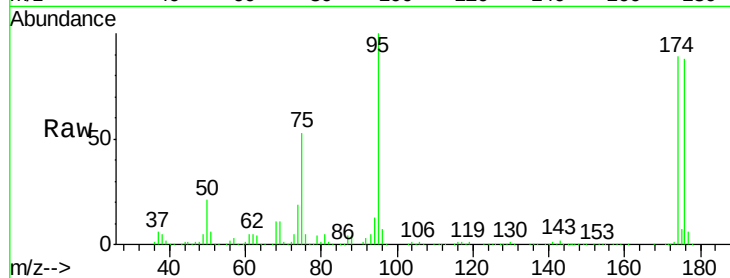
Tot Ion: 95 Resp: 212251

Ion Ratio Lower Upper

95 100

174 93.2 0.0 187.4

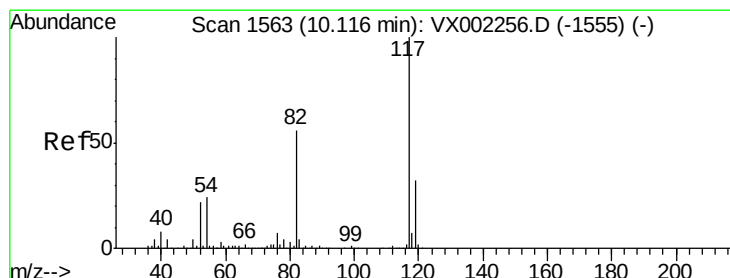
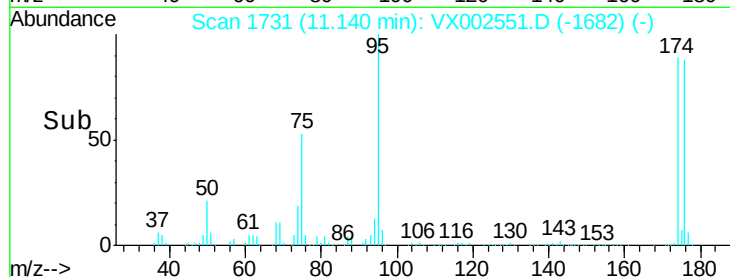
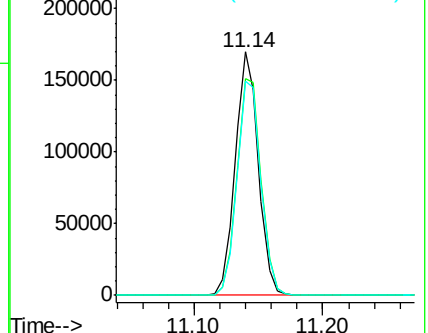
176 91.0 0.0 181.0



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

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

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



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX002551.D

Acq: 14 Jun 2018 15:00

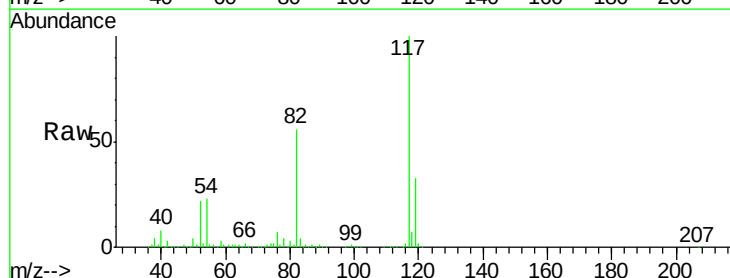
Tgt Ion: 117 Resp: 352905

Ion Ratio Lower Upper

117 100

82 55.8 45.0 67.4

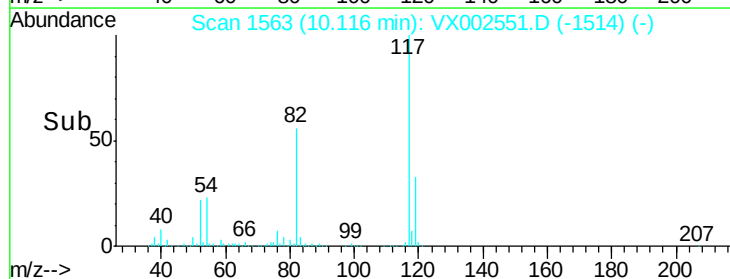
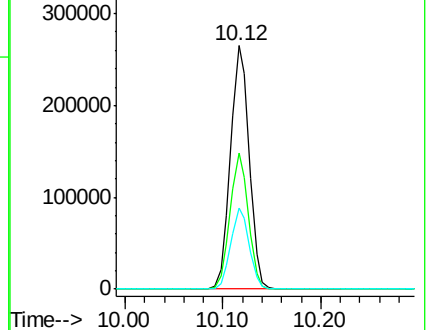
119 33.1 25.8 38.6

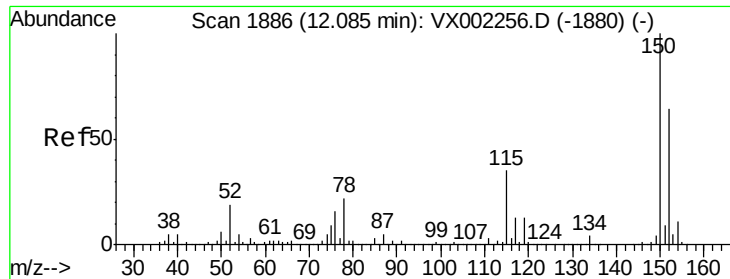


Abundance Ion 116.90 (116.60 to 117.60): VX002256.D (-1555) (-)

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

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





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002551.D

Acq: 14 Jun 2018 15:00

Instrument :

MSVOA_X

ClientSampleId :

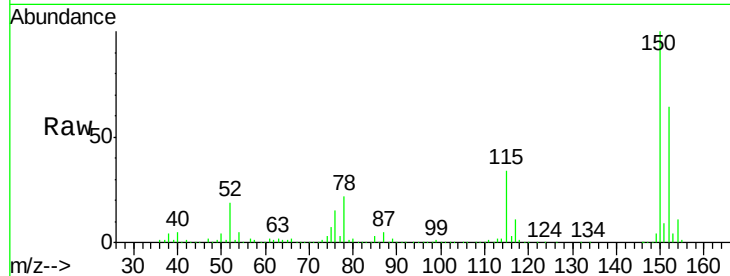
Tot Ion:152 Resp: 207524

Ion Ratio Lower Upper

152 100

115 55.3 40.1 120.2

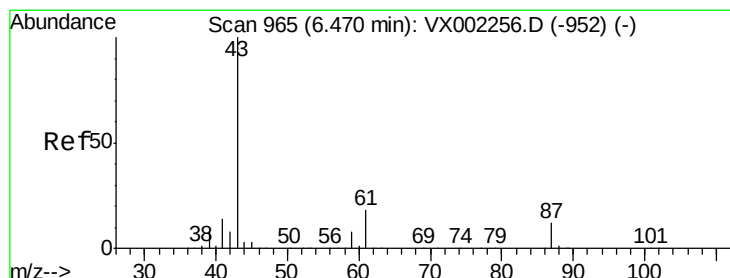
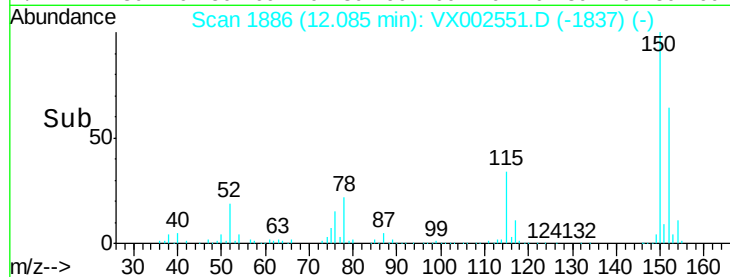
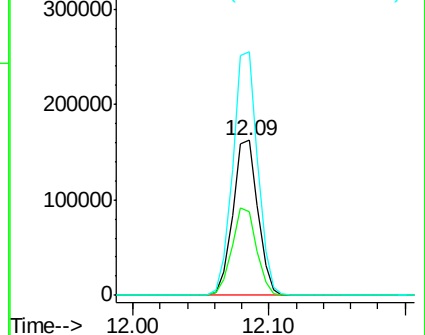
150 156.3 0.0 347.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate

Concen: 0.45 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX002551.D

Acq: 14 Jun 2018 15:00

Tgt Ion: 43 Resp: 3527

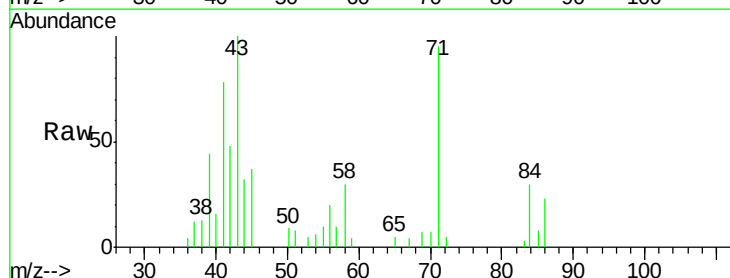
Ion Ratio Lower Upper

43 100

70 2.4 0.0 0.0#

55 19.6 0.0 0.0#

61 0.0 14.4 21.6#

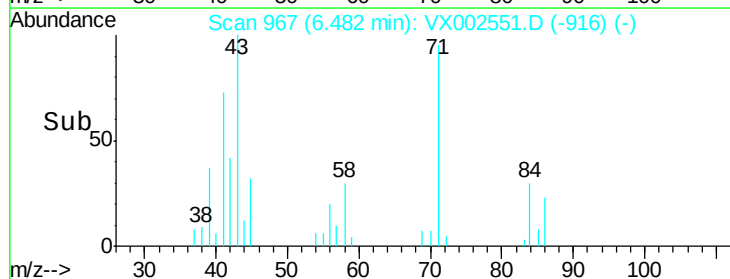
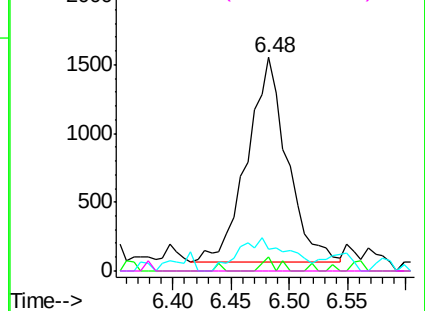


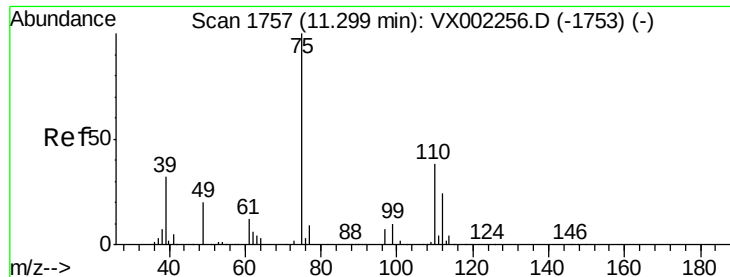
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#76

1,2,3-Trichloropropane

Concen: 25.03 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX002551.D

Acq: 14 Jun 2018 15:00

Instrument :

MSVOA_X

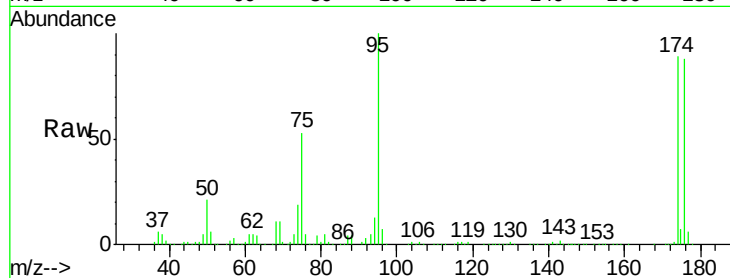
ClientSampled :

Tot Ion: 75 Resp: 113990

Ion Ratio Lower Upper

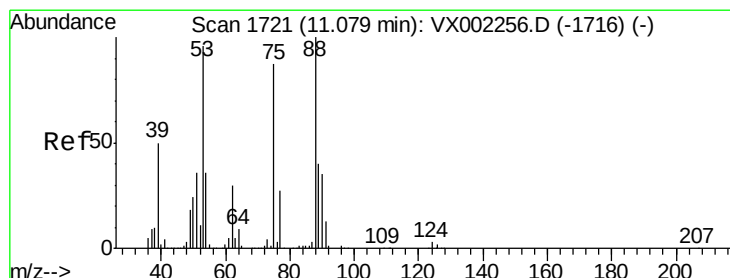
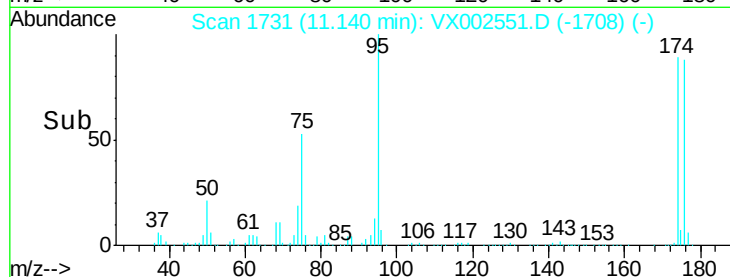
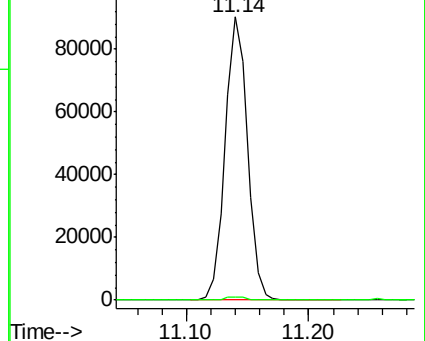
75 100

77 1.2 22.8 68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#81

trans-1,4-Dichloro-2-butene

Concen: 87.75 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX002551.D

Acq: 14 Jun 2018 15:00

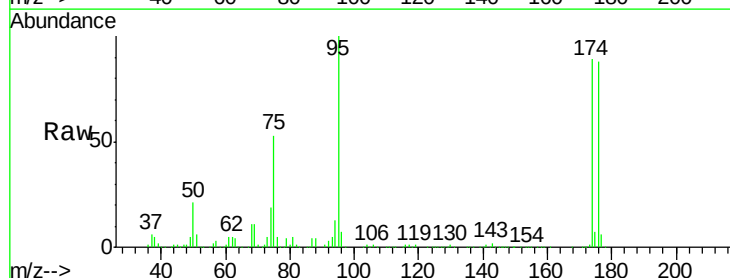
Tgt Ion: 75 Resp: 113990

Ion Ratio Lower Upper

75 100

53 0.1 86.8 130.2#

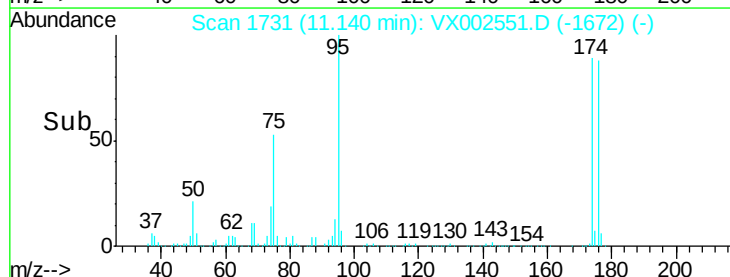
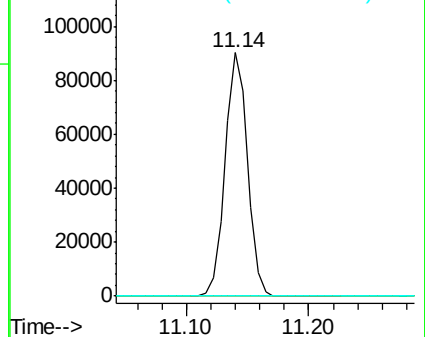
89 0.0 38.2 57.2#

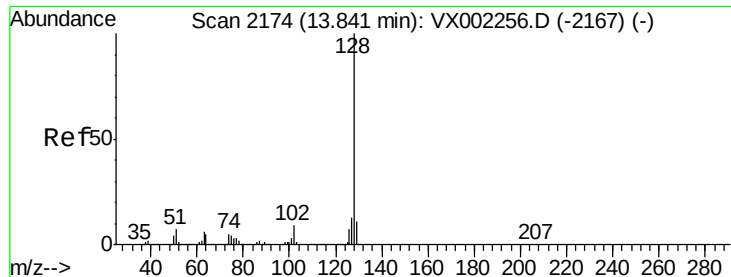


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

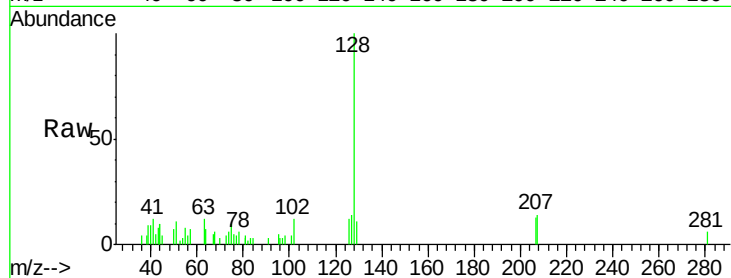




#95
 Naphthalene
 Concen: 0.20 ug/l
 RT: 13.84 min Scan# 2174
 Delta R.T. -0.00 min
 Lab File: VX002551.D
 Acq: 14 Jun 2018 15:00

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:128 Resp: 3063
 Ion Ratio Lower Upper
 128 100
 127 13.7 10.4 15.6
 129 13.6 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

