

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061318\
 Data File : VX002533.D
 Acq On : 14 Jun 2018 03:08
 Operator : JC/MD
 Sample : J3383-12
 Misc : 6.34g/5mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 14 03:37:20 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	5.66	168	263913	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.86	114	377018	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	354543	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	218353	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	170387	44.79	ug/l	0.00
Spiked Amount			Recovery	=	89.58%	
35) Dibromofluoromethane	5.51	113	125772	42.42	ug/l	0.00
Spiked Amount			Recovery	=	84.84%	
50) Toluene-d8	8.72	98	529297	46.58	ug/l	0.00
Spiked Amount			Recovery	=	93.16%	
62) 4-Bromofluorobenzene	11.15	95	199772	45.59	ug/l	0.00
Spiked Amount			Recovery	=	91.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	584	Below Cal	#	81
5) Bromomethane	1.64	94	1775	Below Cal	#	75
8) Diethyl Ether	2.19	74	399	Below Cal	#	1
10) Methyl Iodide	2.49	142	2037	0.51	ug/l	95
11) Tert butyl alcohol	3.03	59	23804	11.93	ug/l	# 73
13) Acrolein	2.34	56	1747	Below Cal		95
14) Allyl chloride	2.74	41	1851	0.30	ug/l	# 61
15) Acrylonitrile	3.13	53	3151	Below Cal	#	53
16) Acetone	2.34	43	3136	Below Cal	#	47
18) Methyl Acetate	2.80	43	28329	5.07	ug/l	# 63
19) Methyl tert-butyl Ether	3.17	73	64	Below Cal	#	1
20) Methylene Chloride	2.84	84	1955	Below Cal	#	39
22) Diisopropyl ether	3.88	45	189	Below Cal	#	66
28) Bromochloromethane	5.02	49	19	Below Cal	#	13
29) Tetrahydrofuran	5.20	42	1710	1.02	ug/l	# 1
31) Cyclohexane	5.56	56	79706	16.73	ug/l	97
36) 1,1-Dichloropropene	5.66	75	17822	4.50	ug/l	# 52
38) Carbon Tetrachloride	5.66	117	24235	5.84	ug/l	# 15
39) Methylcyclohexane	7.46	83	108878	22.38	ug/l	98
40) Benzene	6.13	78	8019	0.66	ug/l	96
41) Methacrylonitrile	5.04	41	639	0.23	ug/l	# 48
43) Isopropyl Acetate	6.28	43	12149	1.50	ug/l	# 64
45) 1,2-Dichloropropane	7.46	63	1407	0.43	ug/l	# 1
47) Bromodichloromethane	7.84	83	1057	0.26	ug/l	# 1
48) Methyl methacrylate	7.73	41	8067	1.98	ug/l	# 49
51) 4-Methyl-2-Pentanone	8.66	43	2449	0.49	ug/l	# 39
55) 1,1,2-Trichloroethane	9.16	97	8752	2.75	ug/l	# 16
56) Ethyl methacrylate	9.17	69	1781	0.35	ug/l	# 1
59) 2-Hexanone	9.45	43	7782	2.00	ug/l	# 36
67) Ethyl Benzene	10.26	91	343625	23.27	ug/l	100
68) m/p-Xylenes	10.36	106	287813	50.15	ug/l	99
69) o-Xylene	10.70	106	8408	1.47	ug/l	95
73) Isopropylbenzene	11.02	105	21792	1.43	ug/l	100
74) N-amyl acetate	6.28	43	11465	1.40	ug/l	# 60

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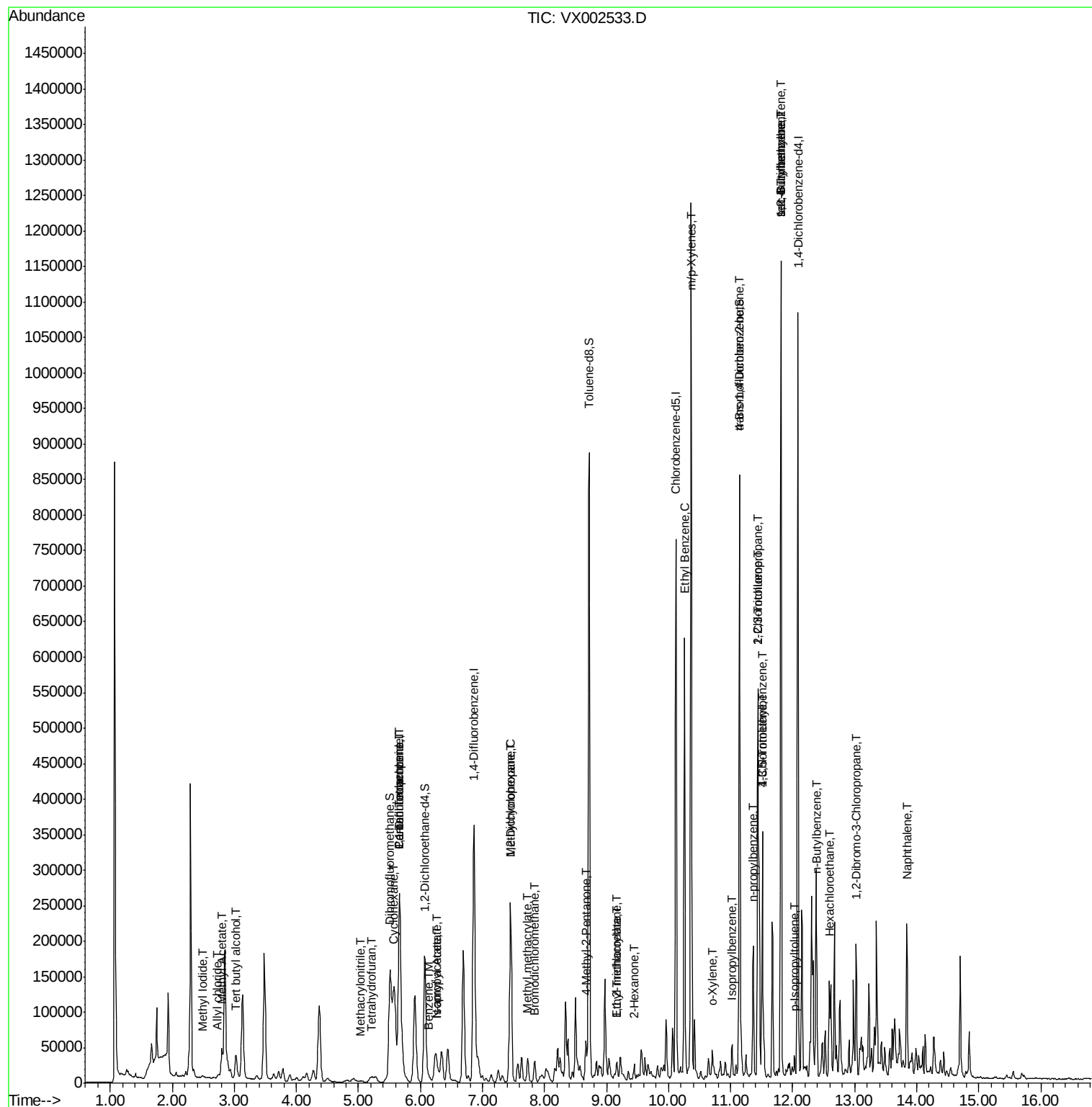
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
76) 1,2,3-Trichloropropane	11.44	75	3736	0.78	ug/l #	1
78) n-propylbenzene	11.37	91	110832	6.56	ug/l	100
79) 2-Chlorotoluene	11.44	91	50002	4.69	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.51	105	138890	10.66	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.15	75	105795	77.40	ug/l #	7
82) 4-Chlorotoluene	11.51	91	16125	1.31	ug/l #	45
83) tert-Butylbenzene	11.81	119	59989	4.73	ug/l #	60
84) 1,2,4-Trimethylbenzene	11.81	105	481196	35.88	ug/l	98
85) sec-Butylbenzene	11.81	105	481152	32.35	ug/l #	56
86) p-Isopropyltoluene	12.03	119	10179	0.75	ug/l	96
89) n-Butylbenzene	12.39	91	42208	3.71	ug/l #	25
90) Hexachloroethane	12.59	117	5599	2.59	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	13.02	75	647	0.62	ug/l #	1
95) Naphthalene	13.84	128	129776	8.17	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX002533.D

Acq: 14 Jun 2018 03:08

Instrument :

MSVOA_X

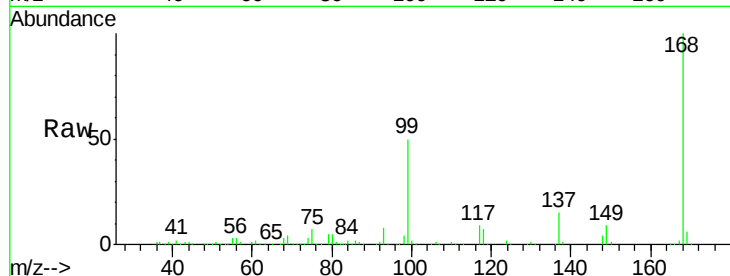
ClientSampleId :

Tot Ion:168 Resp: 263913

Ion Ratio Lower Upper

168 100

99 50.0 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

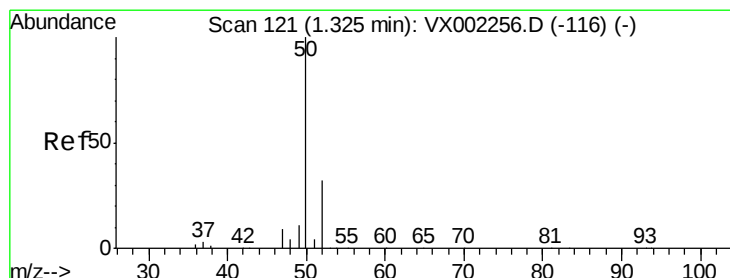
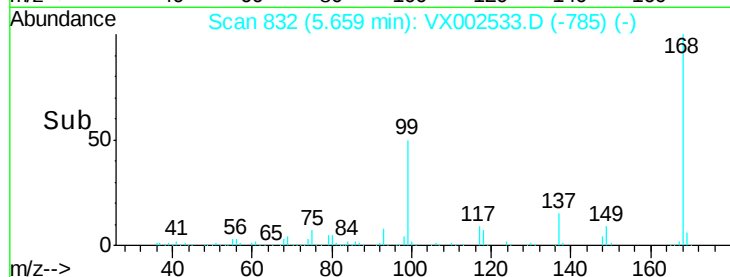
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 120

Delta R.T. -0.01 min

Lab File: VX002533.D

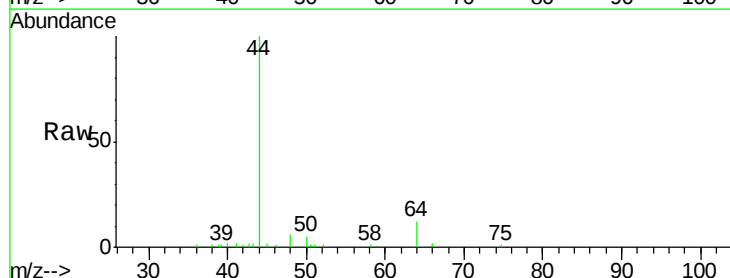
Acq: 14 Jun 2018 03:08

Tgt Ion: 50 Resp: 584

Ion Ratio Lower Upper

50 100

52 21.2 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

400

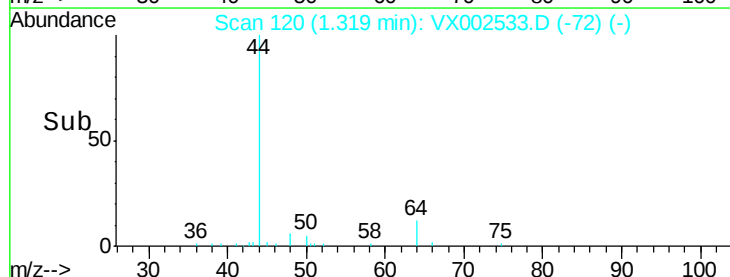
300

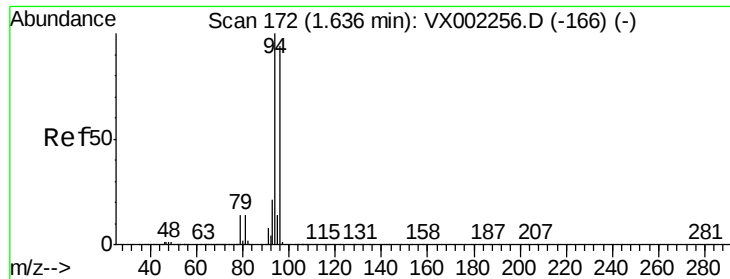
200

100

0

Time--> 1.30 1.35





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002533.D

Acq: 14 Jun 2018 03:08

Instrument :

MSVOA_X

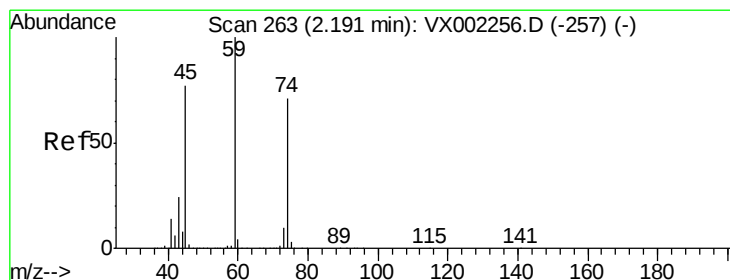
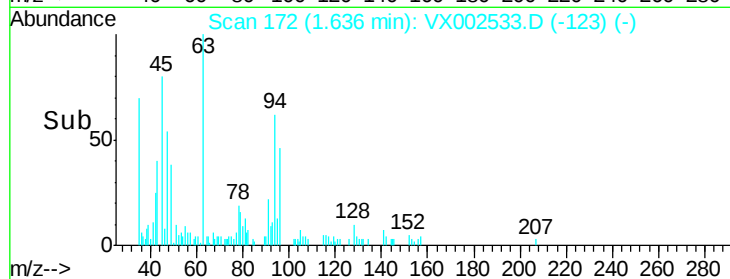
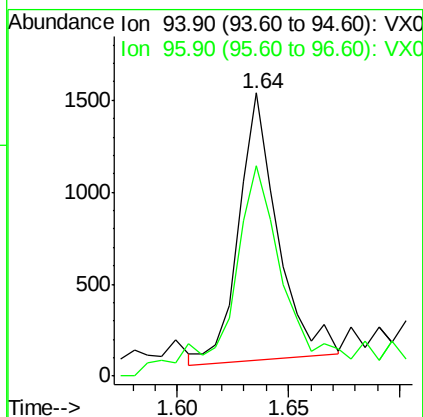
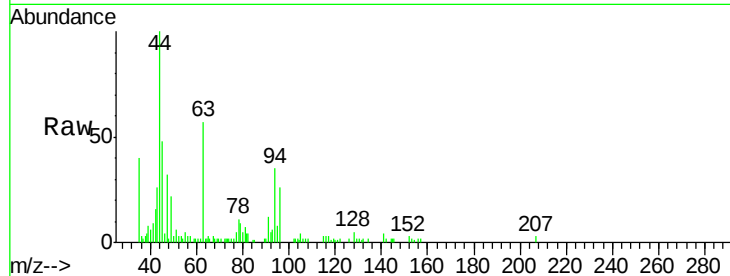
ClientSampled :

Tot Ion: 94 Resp: 1775

Ion Ratio Lower Upper

94 100

96 70.0 74.9 112.3#



#8

Diethyl Ether

Concen: Below Cal

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX002533.D

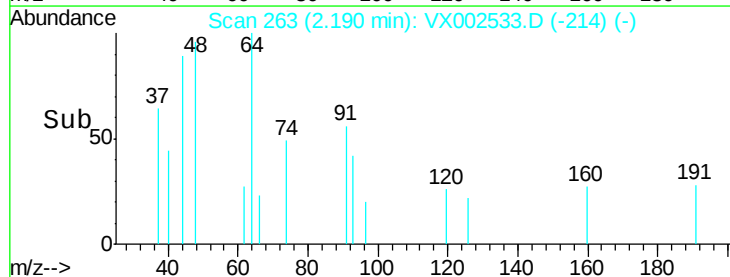
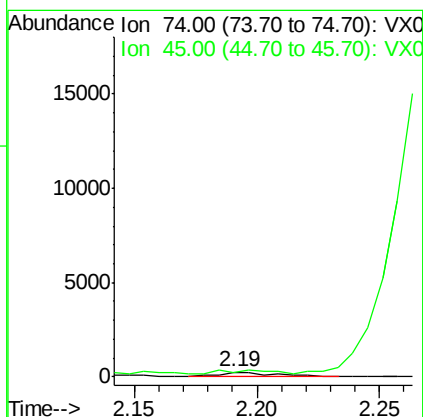
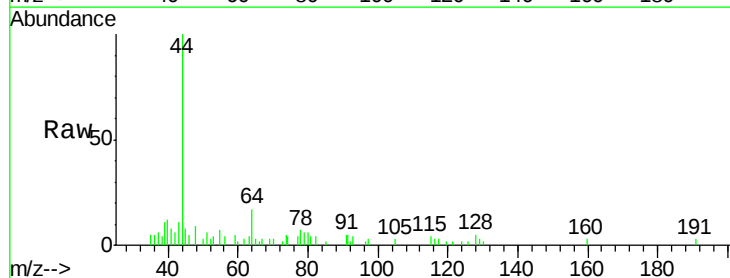
Acq: 14 Jun 2018 03:08

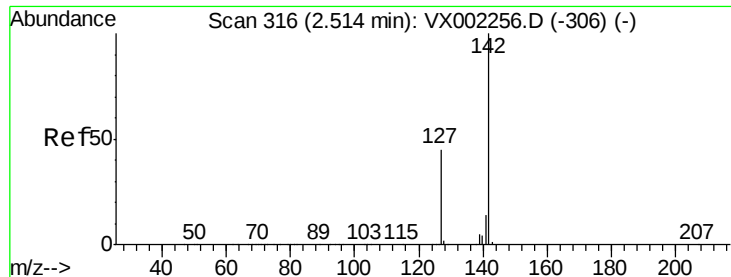
Tgt Ion: 74 Resp: 399

Ion Ratio Lower Upper

74 100

45 0.0 53.1 159.4#

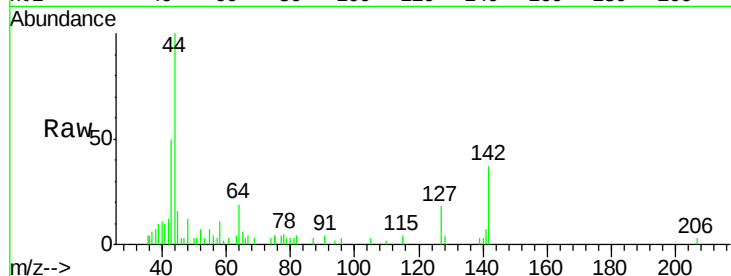




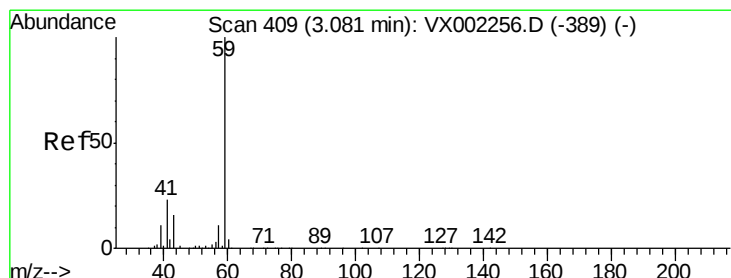
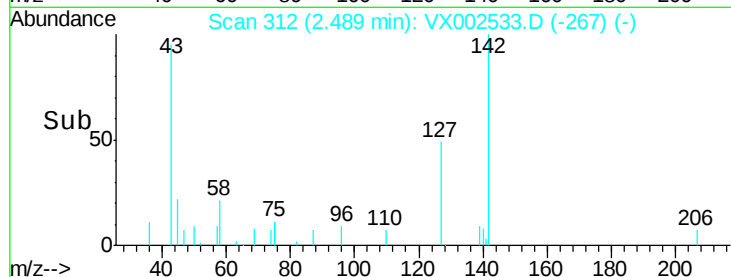
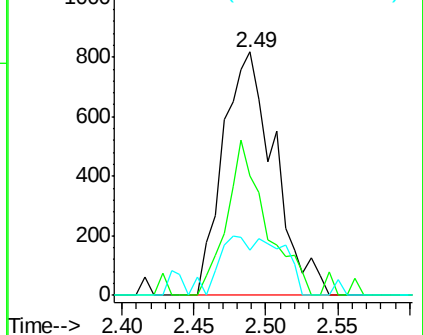
#10
Methyl Iodide
Concen: 0.51 ug/l
RT: 2.49 min Scan# 312
Delta R.T. -0.02 min
Lab File: VX002533.D
Acq: 14 Jun 2018 03:08

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:142 Resp: 2037
Ion Ratio Lower Upper
142 100
127 49.1 36.6 55.0
141 15.5 11.3 16.9

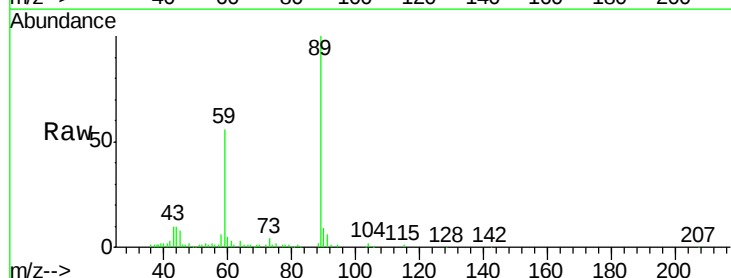


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

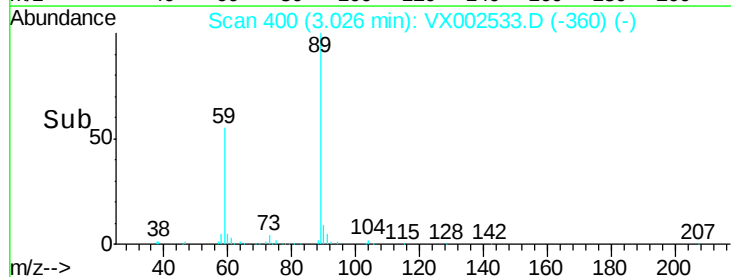
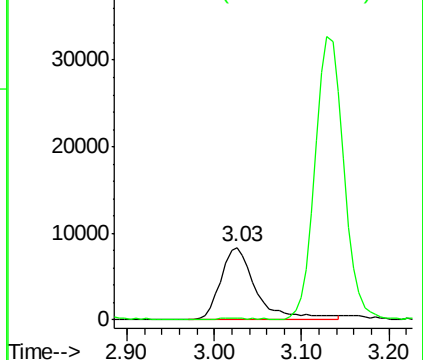


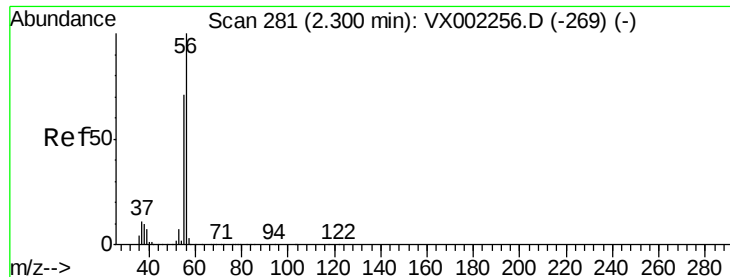
#11
Tert butyl alcohol
Concen: 11.93 ug/l
RT: 3.03 min Scan# 400
Delta R.T. -0.05 min
Lab File: VX002533.D
Acq: 14 Jun 2018 03:08

Tgt Ion: 59 Resp: 23804
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: Below Cal

RT: 2.34 min Scan# 288

Delta R.T. 0.04 min

Lab File: VX002533.D

Acq: 14 Jun 2018 03:08

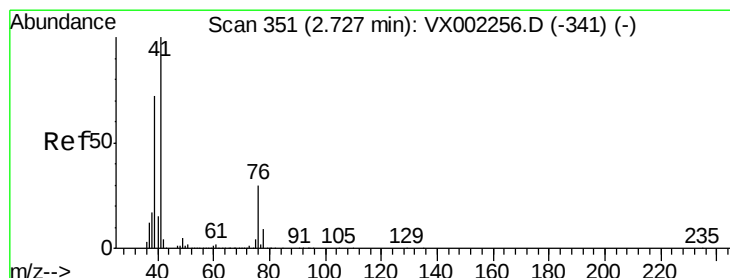
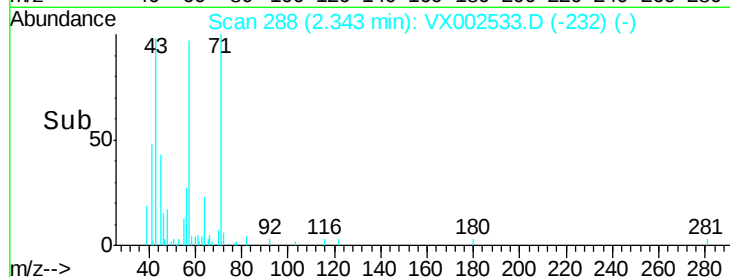
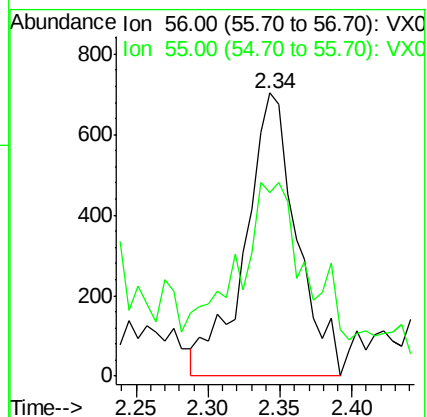
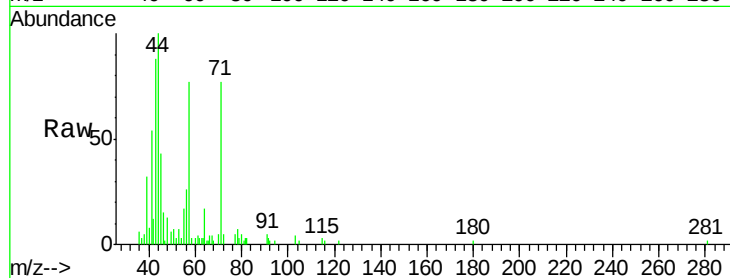
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 1747

Ion Ratio Lower Upper

56 100

55 67.2 57.0 85.4



#14

Allyl chloride

Concen: 0.30 ug/l

RT: 2.74 min Scan# 353

Delta R.T. 0.01 min

Lab File: VX002533.D

Acq: 14 Jun 2018 03:08

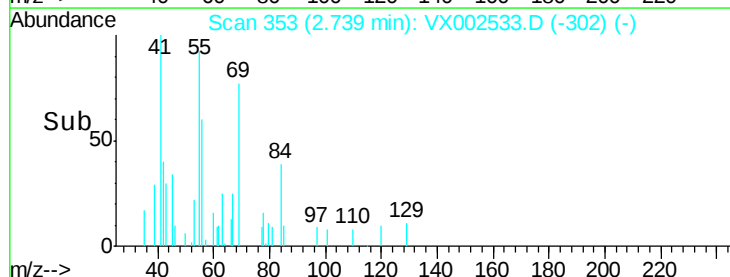
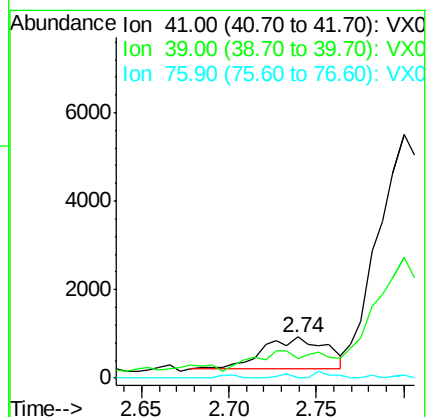
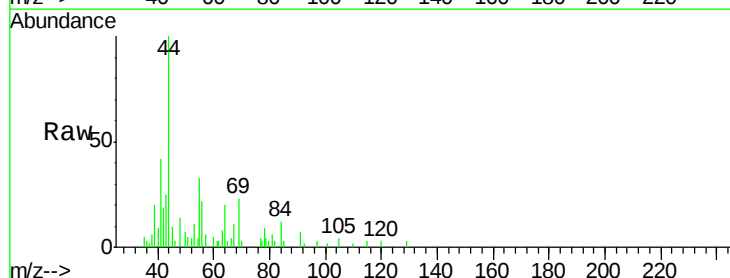
Tgt Ion: 41 Resp: 1851

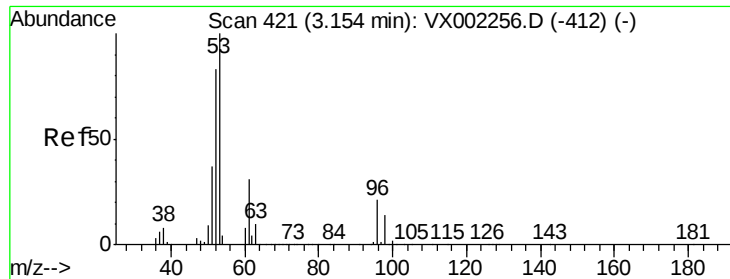
Ion Ratio Lower Upper

41 100

39 42.3 56.8 85.2#

76 2.6 23.8 35.8#





#15

Acrylonitrile

Concen: Below Cal

RT: 3.13 min Scan# 417

Delta R.T. -0.02 min

Lab File: VX002533.D

Acq: 14 Jun 2018 03:08

Instrument :

MSVOA_X

ClientSampled :

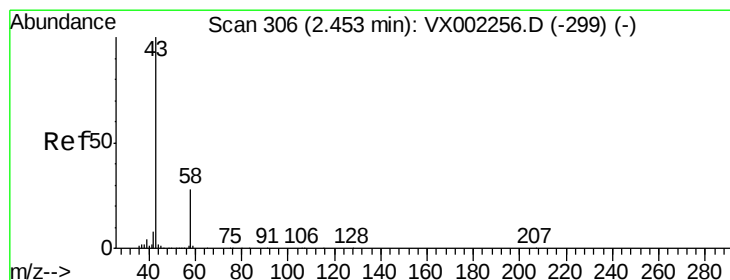
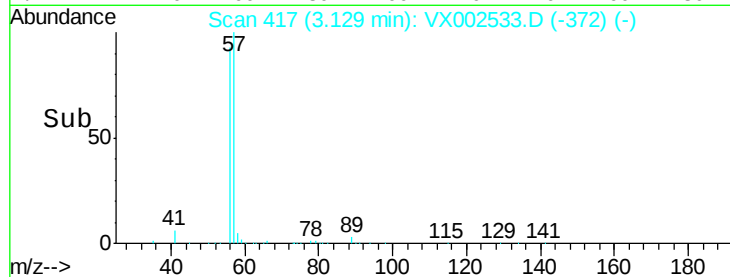
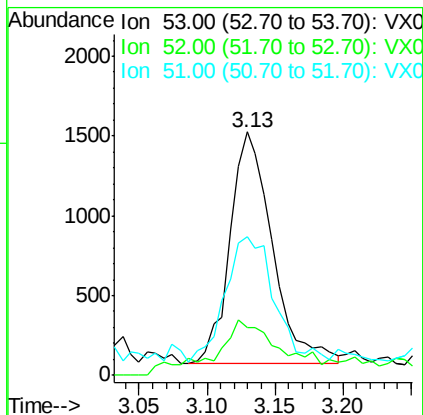
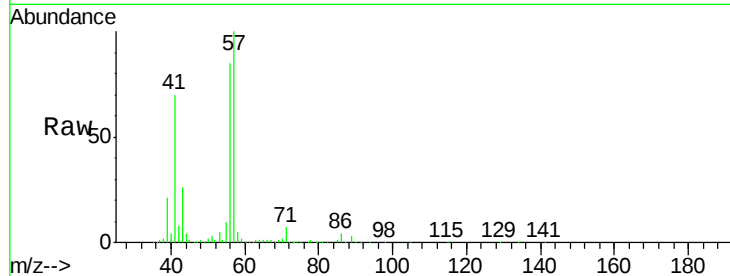
Tot Ion: 53 Resp: 3151

Ion Ratio Lower Upper

53 100

52 39.4 66.7 100.1#

51 63.4 29.9 44.9#



#16

Acetone

Concen: Below Cal

RT: 2.34 min Scan# 288

Delta R.T. -0.11 min

Lab File: VX002533.D

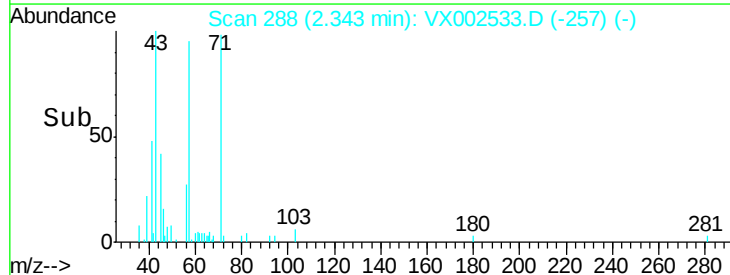
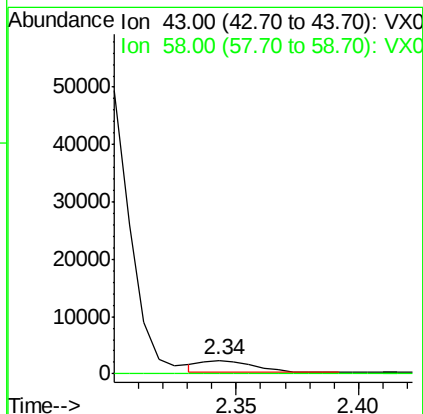
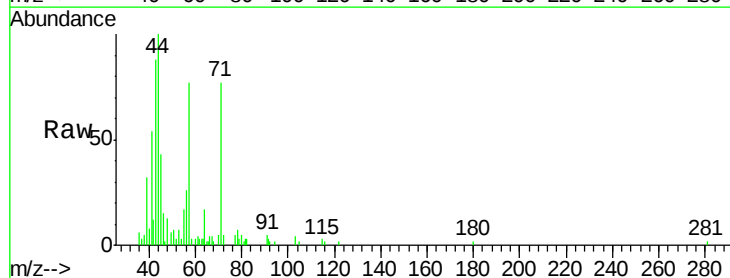
Acq: 14 Jun 2018 03:08

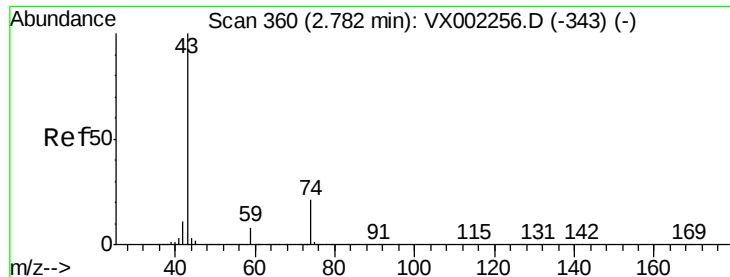
Tgt Ion: 43 Resp: 3136

Ion Ratio Lower Upper

43 100

58 0.0 22.1 33.1#

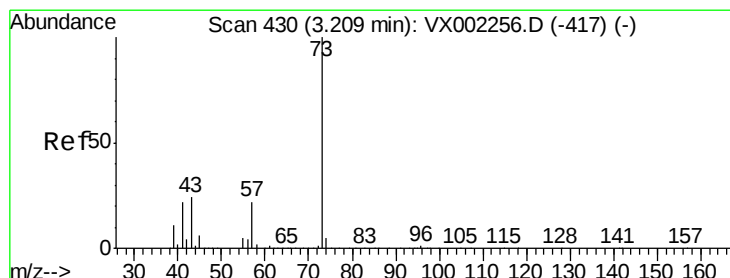
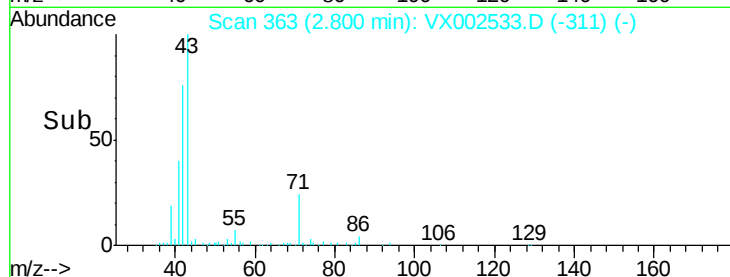
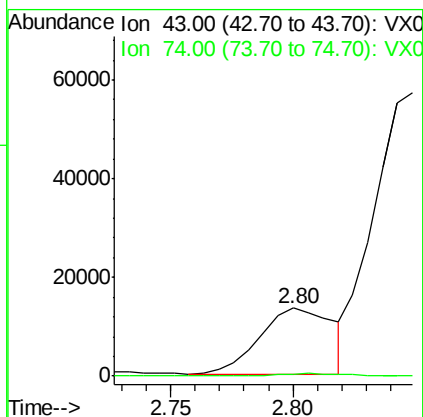
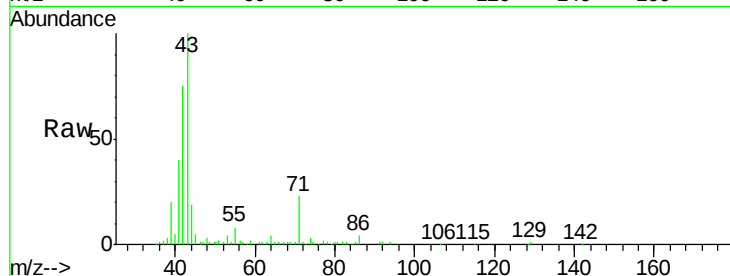




#18
Methyl Acetate
Concen: 5.07 ug/l
RT: 2.80 min Scan# 363
Delta R.T. 0.02 min
Lab File: VX002533.D
Acq: 14 Jun 2018 03:08

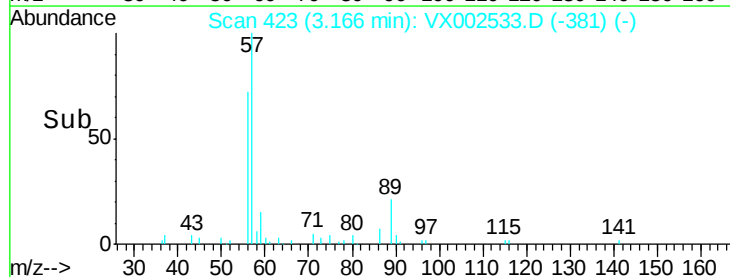
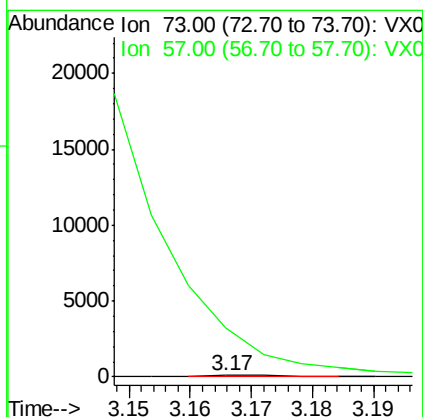
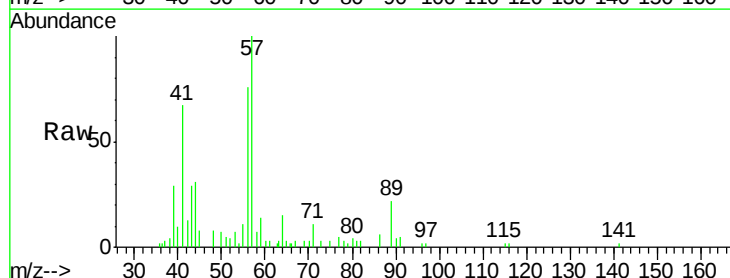
Instrument :
MSVOA_X
ClientSampleId :

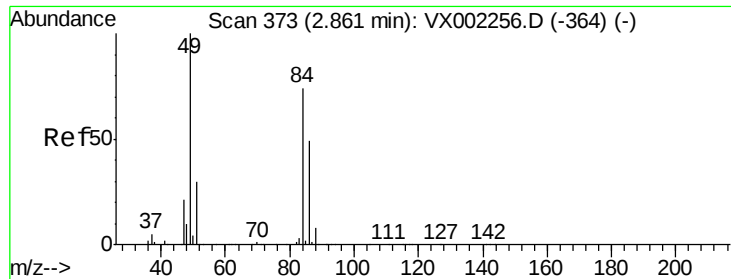
Tot Ion: 43 Resp: 28329
Ion Ratio Lower Upper
43 100
74 3.6 16.7 25.1#



#19
Methyl tert-butyl Ether
Concen: Below Cal
RT: 3.17 min Scan# 423
Delta R.T. -0.04 min
Lab File: VX002533.D
Acq: 14 Jun 2018 03:08

Tgt Ion: 73 Resp: 64
Ion Ratio Lower Upper
73 100
57 2706.2 17.7 26.5#

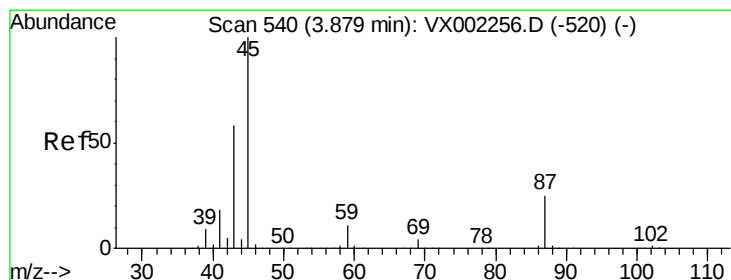
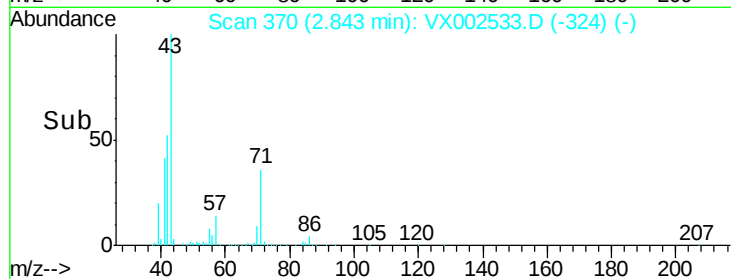
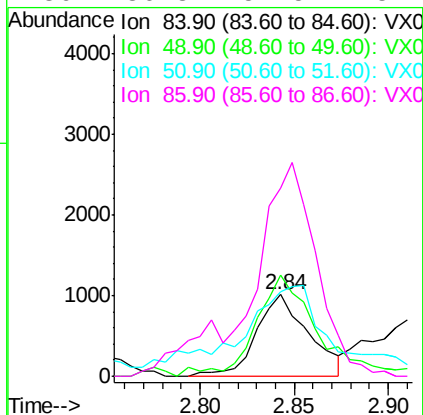
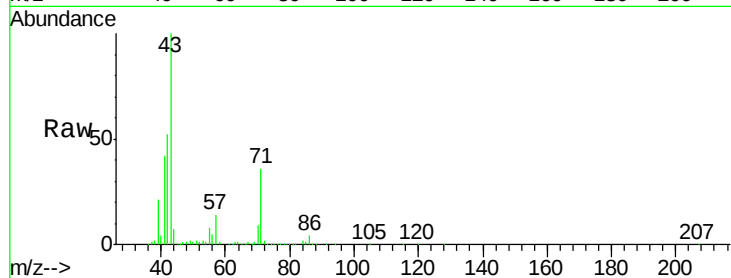




#20
Methylene Chloride
Concen: Below Cal
RT: 2.84 min Scan# 370
Delta R.T. -0.02 min
Lab File: VX002533.D
Acq: 14 Jun 2018 03:08

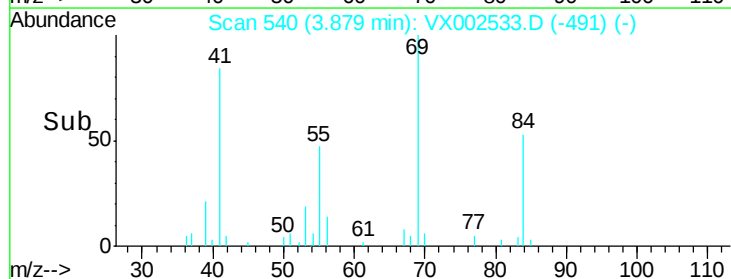
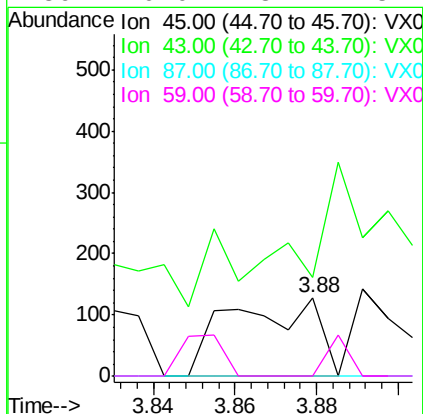
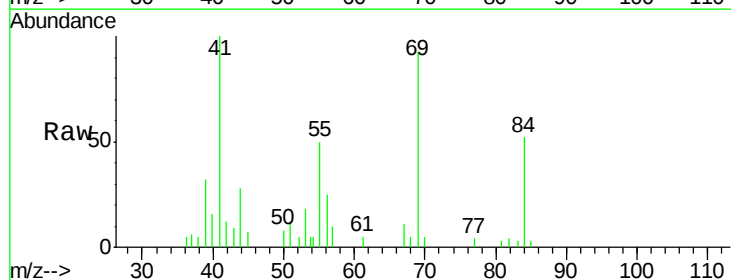
Instrument :
MSVOA_X
ClientSampled :

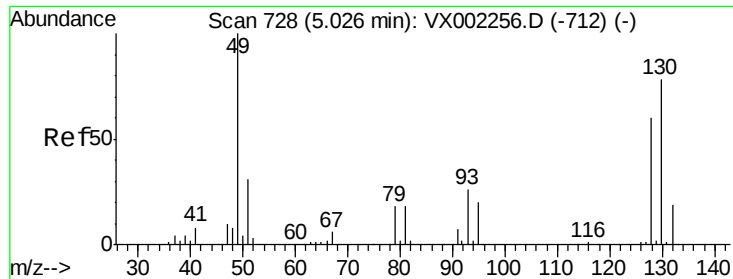
Tot Ion: 84 Resp: 1955
Ion Ratio Lower Upper
84 100
49 113.6 107.8 161.6
51 76.1 32.8 49.2#
86 186.3 52.5 78.7#



#22
Diisopropyl ether
Concen: Below Cal
RT: 3.88 min Scan# 540
Delta R.T. 0.00 min
Lab File: VX002533.D
Acq: 14 Jun 2018 03:08

Tgt Ion: 45 Resp: 189
Ion Ratio Lower Upper
45 100
43 37.5 46.8 70.2#
87 0.0 20.2 30.4#
59 0.0 8.7 13.1#





#28

Bromochloromethane

Concen: Below Cal

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX002533.D

Acq: 14 Jun 2018 03:08

Instrument :

MSVOA_X

ClientSampleId :

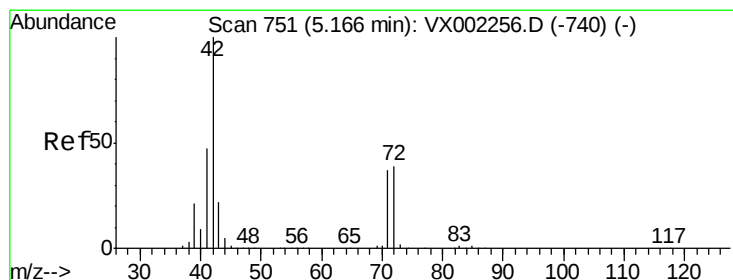
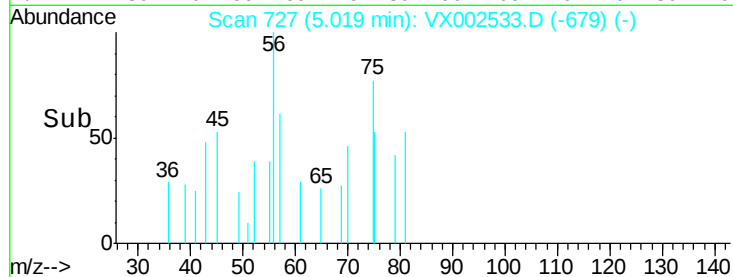
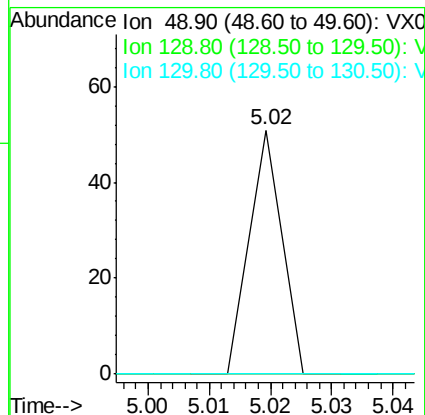
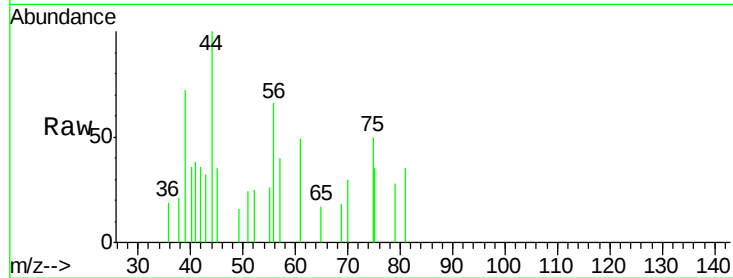
Tot Ion: 49 Resp: 19

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

130 0.0 61.2 91.8#



#29

Tetrahydrofuran

Concen: 1.02 ug/l

RT: 5.20 min Scan# 757

Delta R.T. 0.04 min

Lab File: VX002533.D

Acq: 14 Jun 2018 03:08

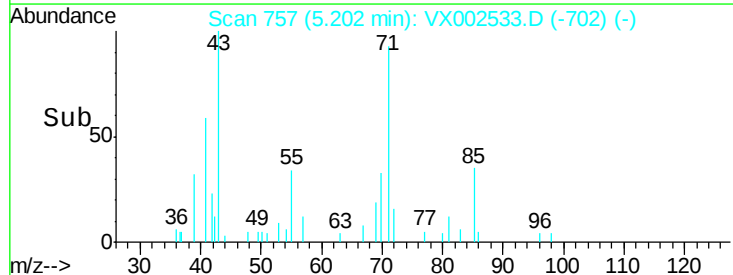
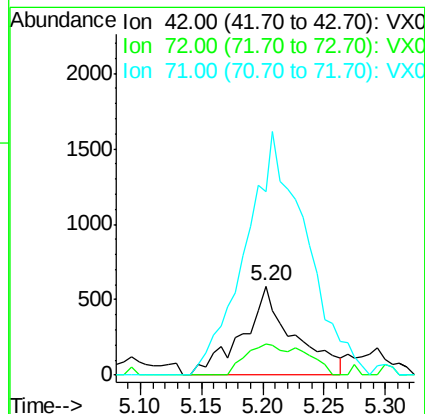
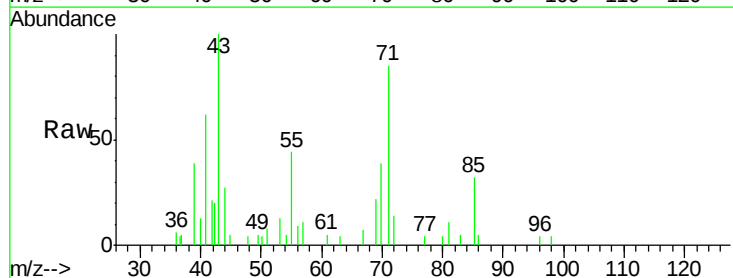
Tgt Ion: 42 Resp: 1710

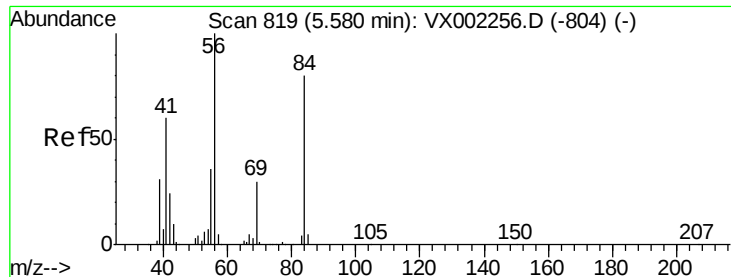
Ion Ratio Lower Upper

42 100

72 27.0 32.0 48.0#

71 326.7 30.1 45.1#

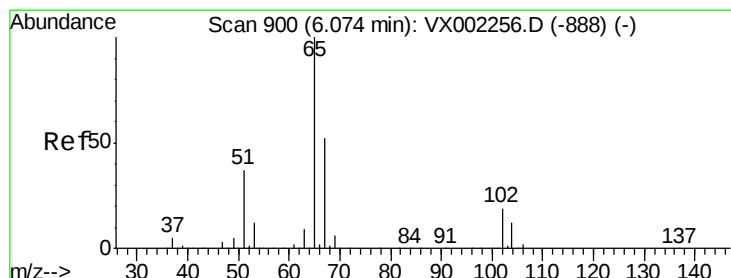
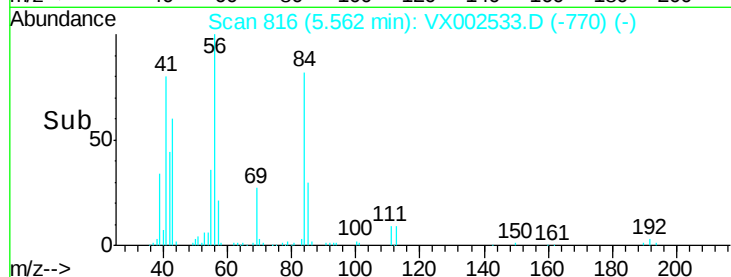
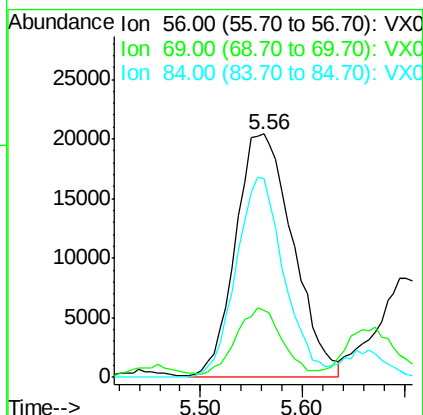
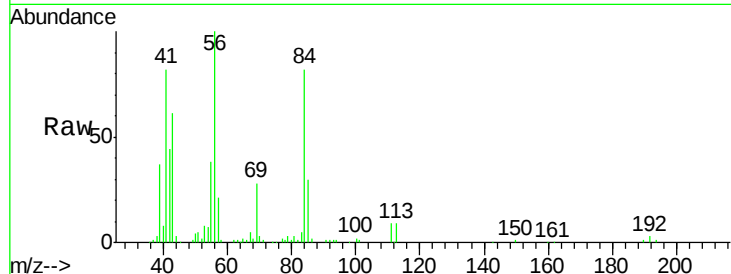




#31
Cyclohexane
Concen: 16.73 ug/l
RT: 5.56 min Scan# 816
Delta R.T. -0.02 min
Lab File: VX002533.D
Acq: 14 Jun 2018 03:08

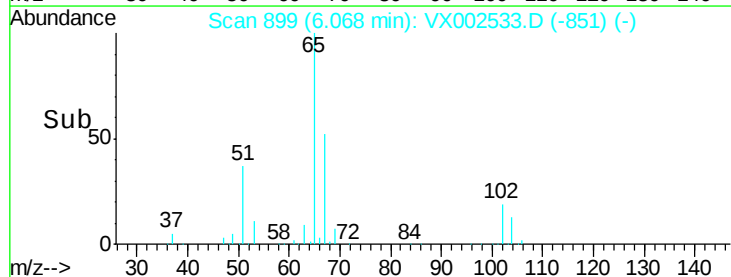
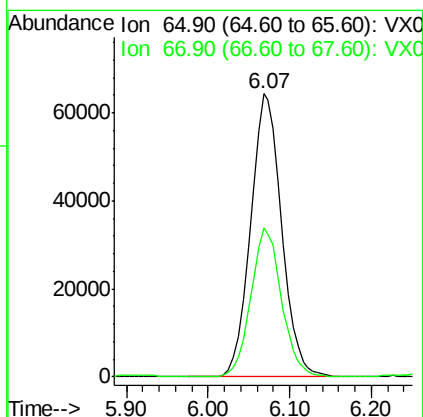
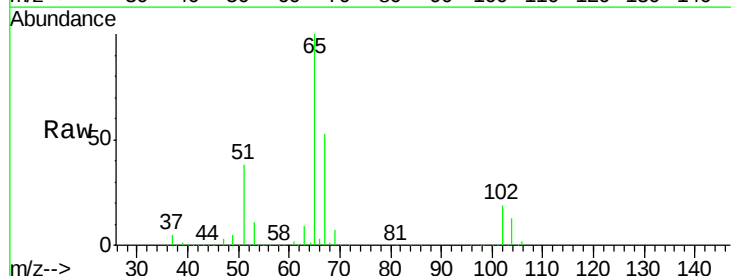
Instrument :
MSVOA_X
ClientSampleId :

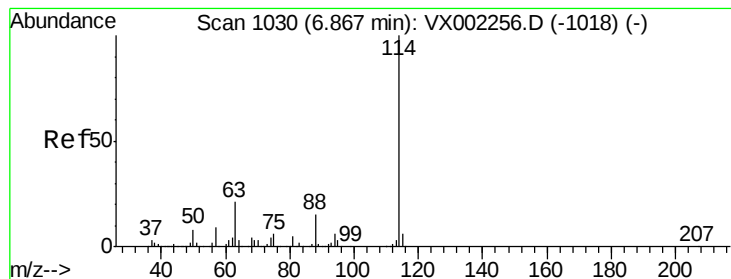
Tot Ion: 56 Resp: 79706
Ion Ratio Lower Upper
56 100
69 26.3 23.7 35.5
84 82.0 64.1 96.1



#33
1,2-Dichloroethane-d4
Concen: 44.79 ug/l
RT: 6.07 min Scan# 899
Delta R.T. -0.01 min
Lab File: VX002533.D
Acq: 14 Jun 2018 03:08

Tgt Ion: 65 Resp: 170387
Ion Ratio Lower Upper
65 100
67 52.0 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VX002533.D

Acq: 14 Jun 2018 03:08

Instrument :

MSVOA_X

ClientSampleId :

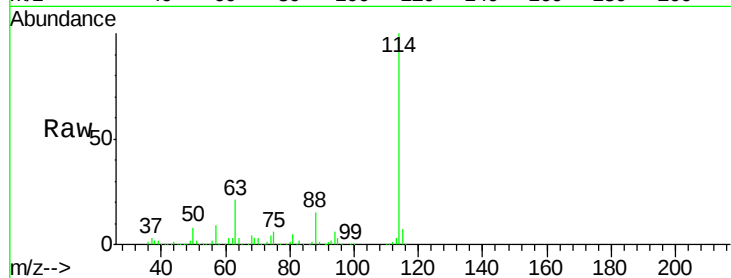
Tot Ion:114 Resp: 377018

Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.4

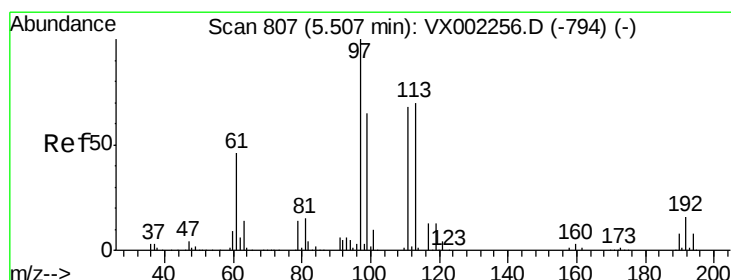
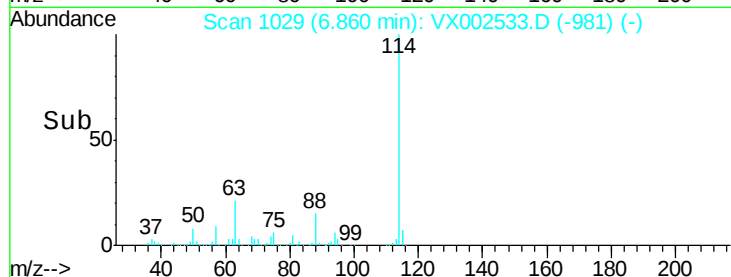
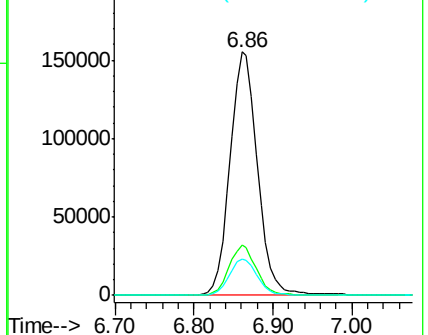
88 15.1 0.0 30.0



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



#35

Dibromofluoromethane

Concen: 42.42 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX002533.D

Acq: 14 Jun 2018 03:08

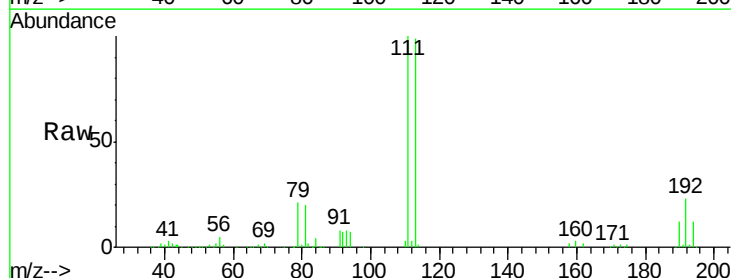
Tgt Ion:113 Resp: 125772

Ion Ratio Lower Upper

113 100

111 100.8 81.4 122.0

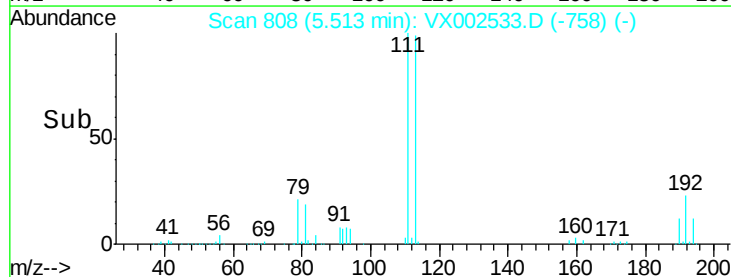
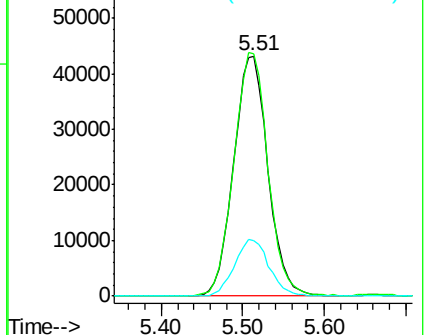
192 23.8 19.1 28.7

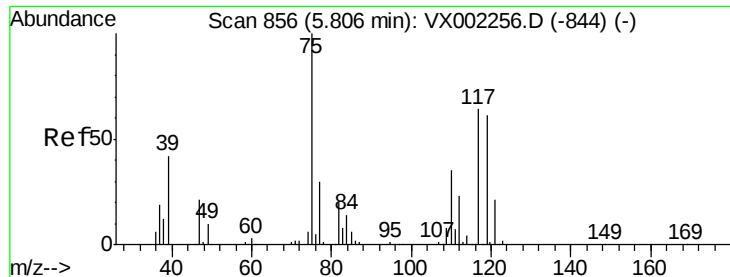


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

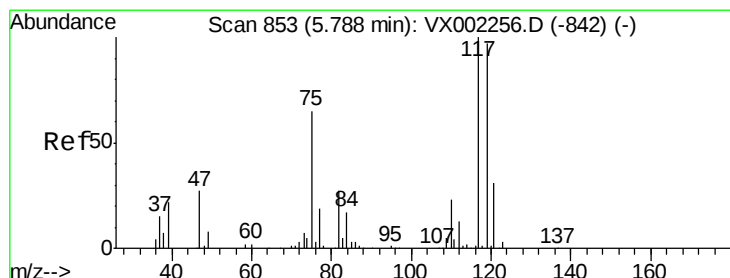
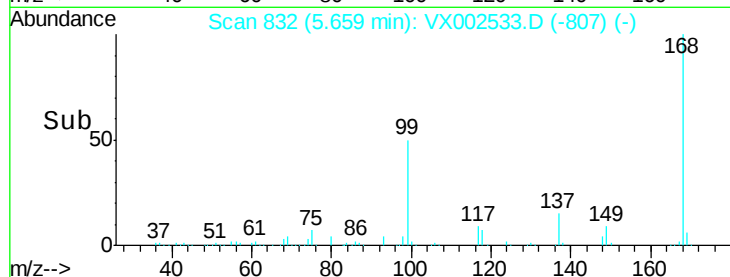
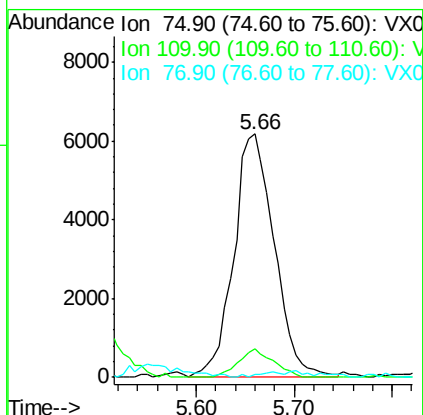
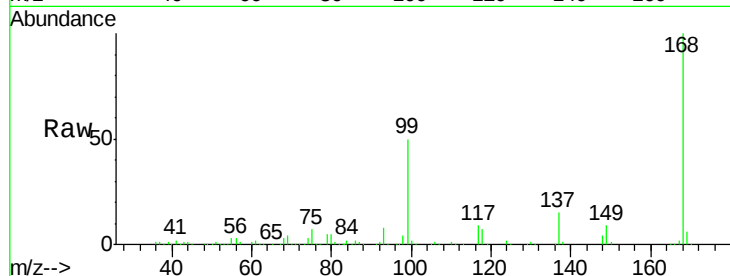




#36
 1,1-Dichloropropene
 Concen: 4.50 ug/l
 RT: 5.66 min Scan# 832
 Delta R.T. -0.15 min
 Lab File: VX002533.D
 Acq: 14 Jun 2018 03:08

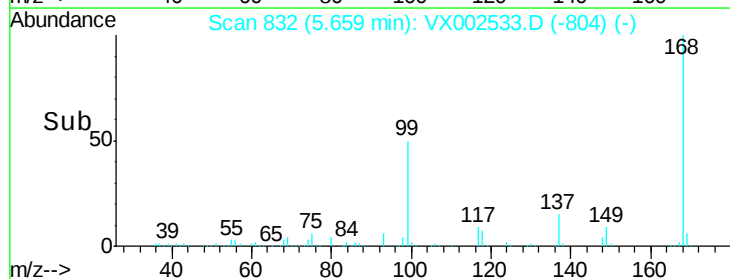
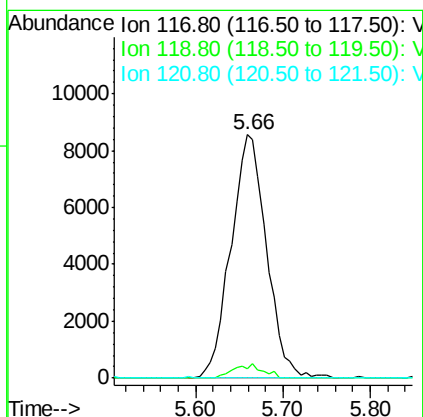
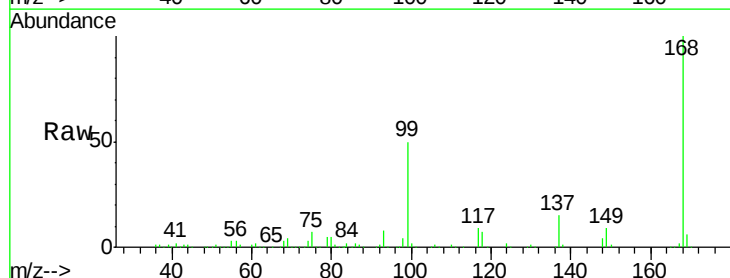
Instrument :
 MSVOA_X
 ClientSampled :

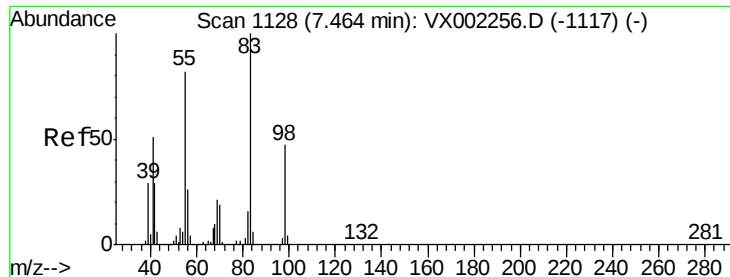
Tot Ion: 75 Resp: 17822
 Ion Ratio Lower Upper
 75 100
 110 10.3 18.1 54.4#
 77 1.2 24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 5.84 ug/l
 RT: 5.66 min Scan# 832
 Delta R.T. -0.13 min
 Lab File: VX002533.D
 Acq: 14 Jun 2018 03:08

Tgt Ion: 117 Resp: 24235
 Ion Ratio Lower Upper
 117 100
 119 3.9 77.4 116.0#
 121 0.0 24.4 36.6#

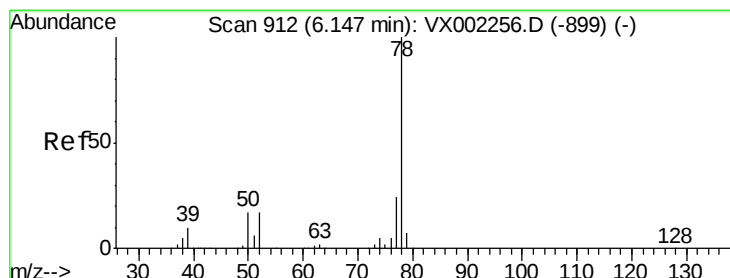
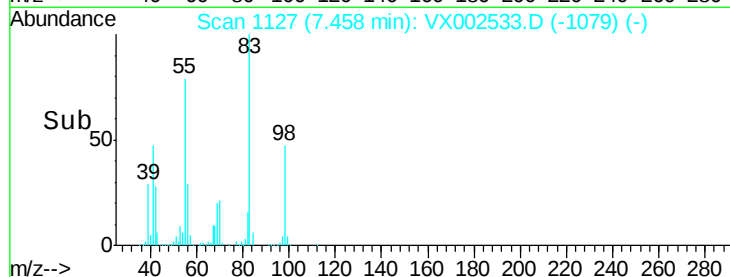
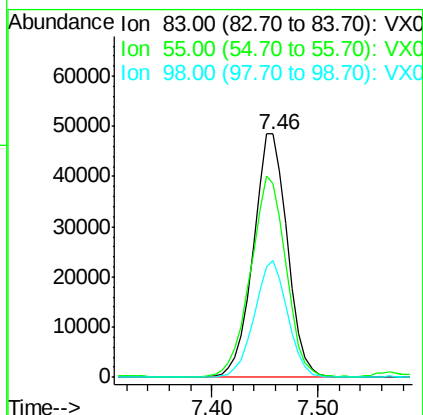
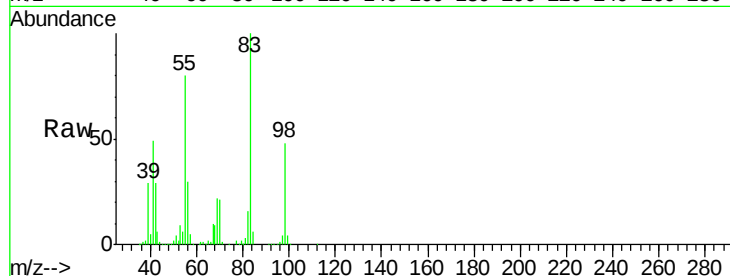




#39
Methvlcvclohexane
Concen: 22.38 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX002533.D
Acq: 14 Jun 2018 03:08

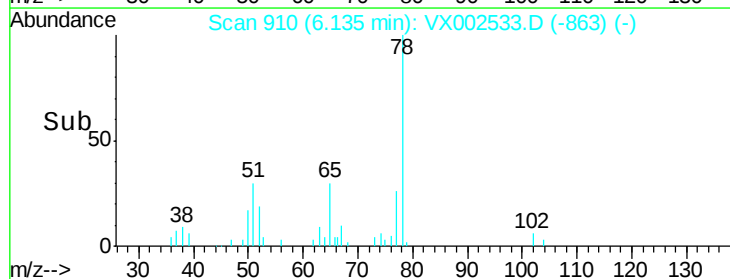
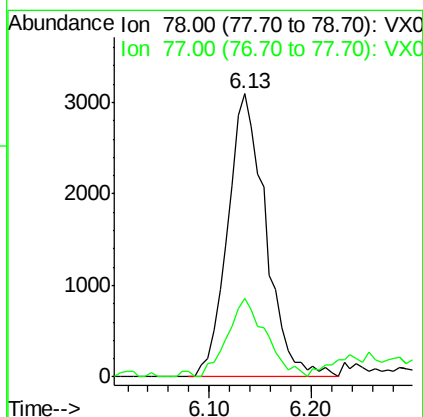
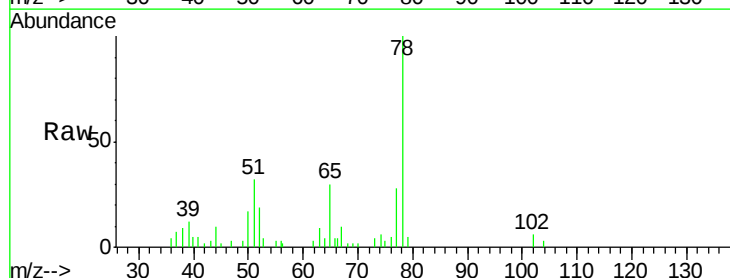
Instrument :
MSVOA_X
ClientSampleId :

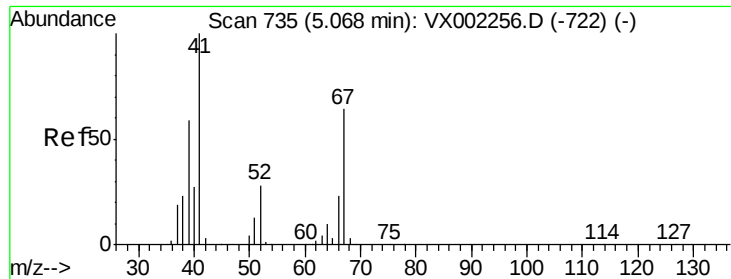
Tot Ion: 83 Resp: 108878
Ion Ratio Lower Upper
83 100
55 79.5 65.4 98.0
98 48.0 37.4 56.0



#40
Benzene
Concen: 0.66 ug/l
RT: 6.13 min Scan# 910
Delta R.T. -0.01 min
Lab File: VX002533.D
Acq: 14 Jun 2018 03:08

Tgt Ion: 78 Resp: 8019
Ion Ratio Lower Upper
78 100
77 25.8 19.1 28.7

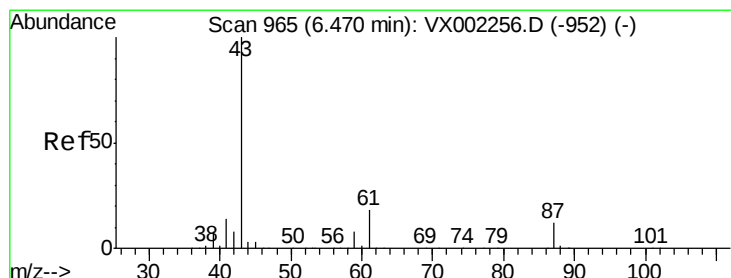
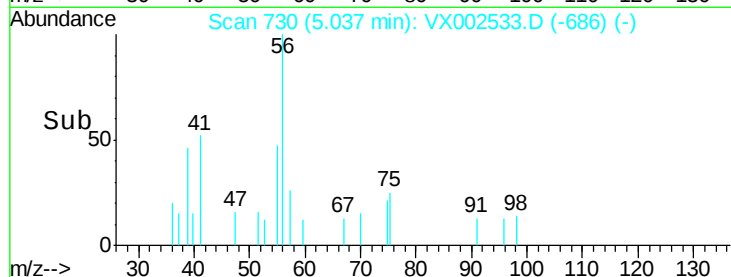
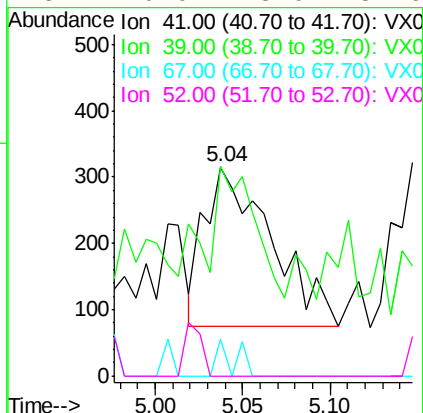
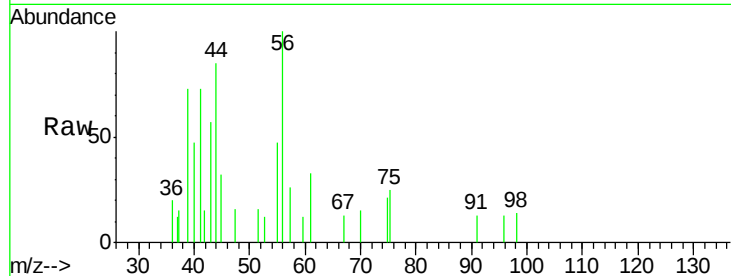




#41
Methacrylonitrile
Concen: 0.23 ug/l
RT: 5.04 min Scan# 730
Delta R.T. -0.03 min
Lab File: VX002533.D
Acq: 14 Jun 2018 03:08

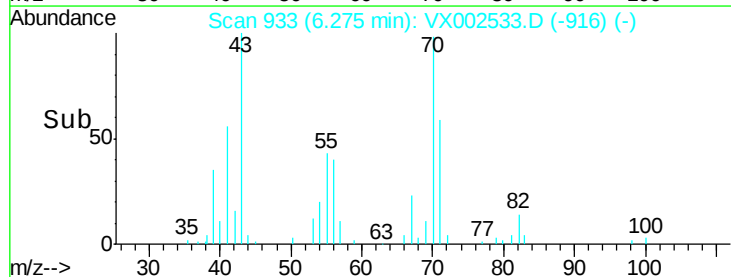
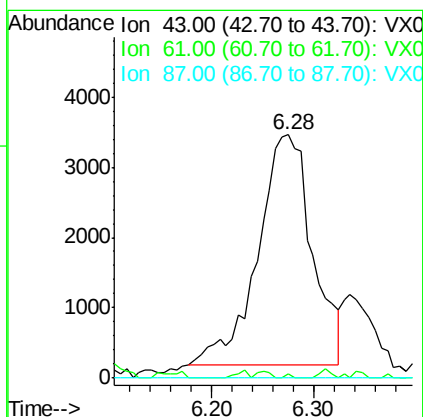
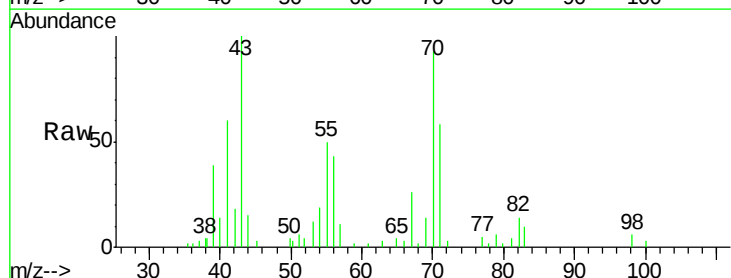
Instrument :
MSVOA_X
ClientSampleID :

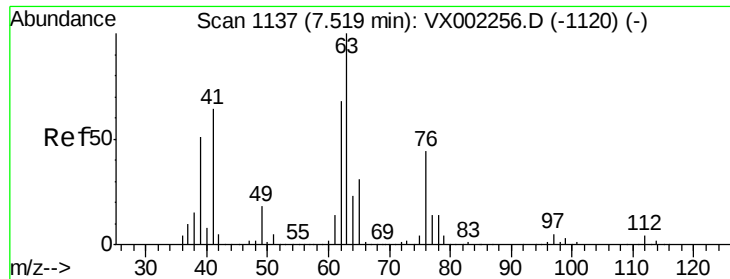
Tot Ion: 41 Resp: 639
Ion Ratio Lower Upper
41 100
39 69.8 45.8 68.6#
67 0.0 51.3 76.9#
52 0.0 23.0 34.6#



#43
Isopropyl Acetate
Concen: 1.50 ug/l
RT: 6.28 min Scan# 933
Delta R.T. -0.20 min
Lab File: VX002533.D
Acq: 14 Jun 2018 03:08

Tgt Ion: 43 Resp: 12149
Ion Ratio Lower Upper
43 100
61 0.2 14.4 21.6#
87 0.0 9.5 14.3#





#45

1,2-Dichloropropane

Concen: 0.43 ug/l

RT: 7.46 min Scan# 1127

Delta R.T. -0.06 min

Lab File: VX002533.D

Acq: 14 Jun 2018 03:08

Instrument :

MSVOA_X

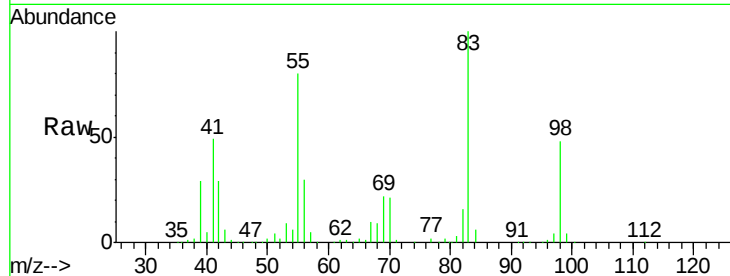
ClientSampleId :

Tot Ion: 63 Resp: 1407

Ion Ratio Lower Upper

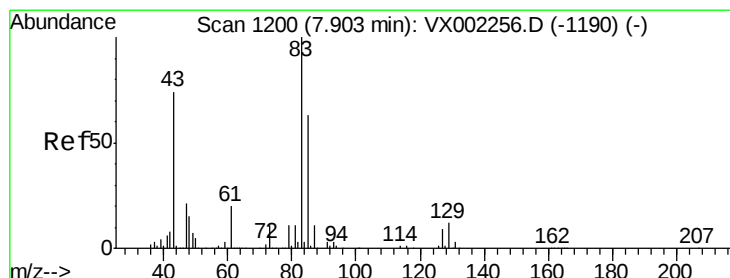
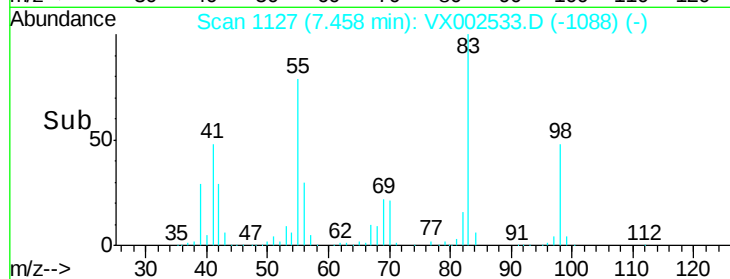
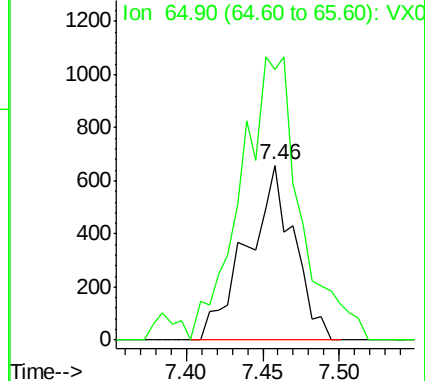
63 100

65 155.2 24.7 37.1#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#47

Bromodichloromethane

Concen: 0.26 ug/l

RT: 7.84 min Scan# 1189

Delta R.T. -0.07 min

Lab File: VX002533.D

Acq: 14 Jun 2018 03:08

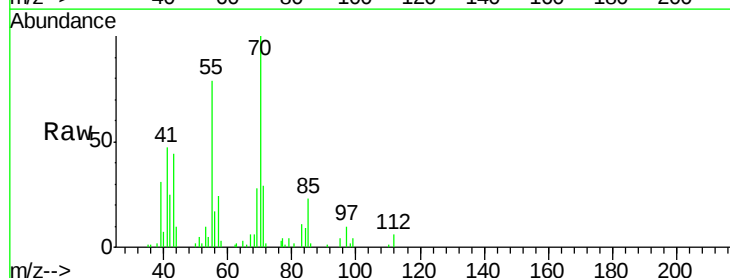
Tgt Ion: 83 Resp: 1057

Ion Ratio Lower Upper

83 100

85 210.2 50.3 75.5#

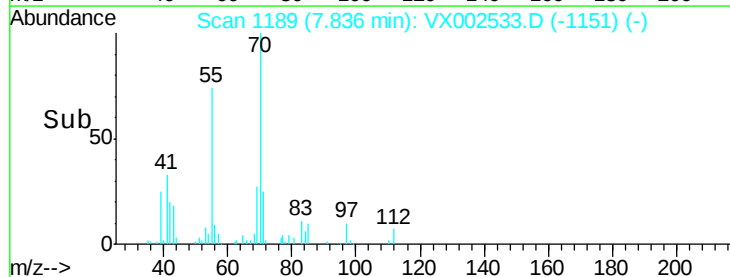
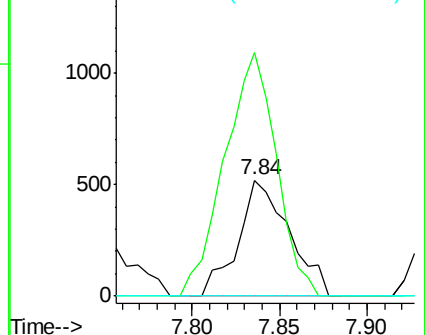
127 0.0 7.0 10.4#

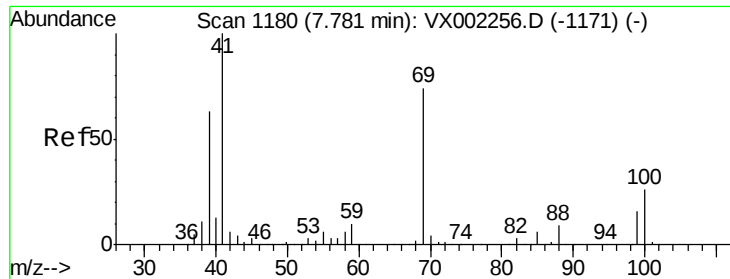


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

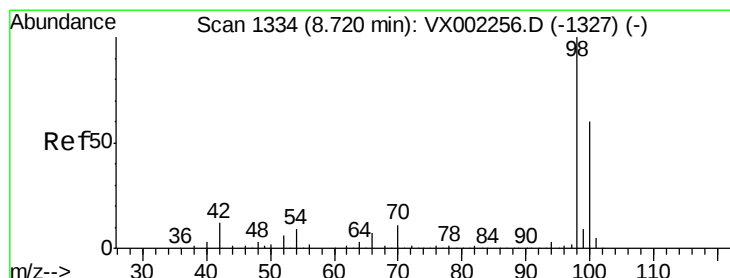
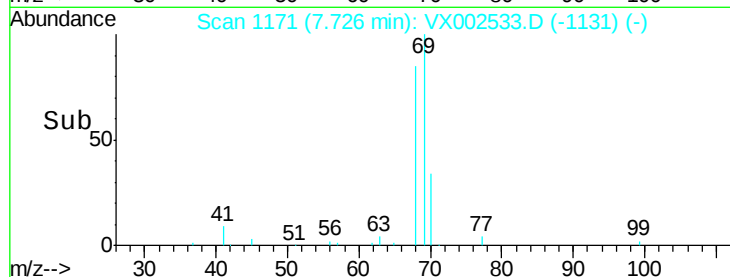
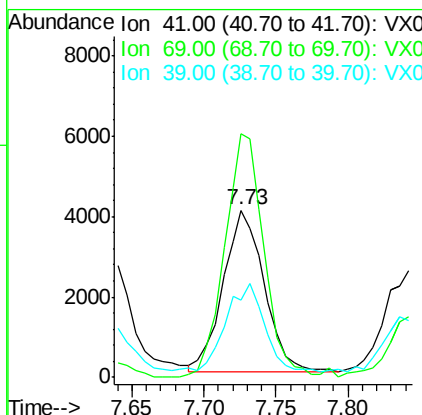
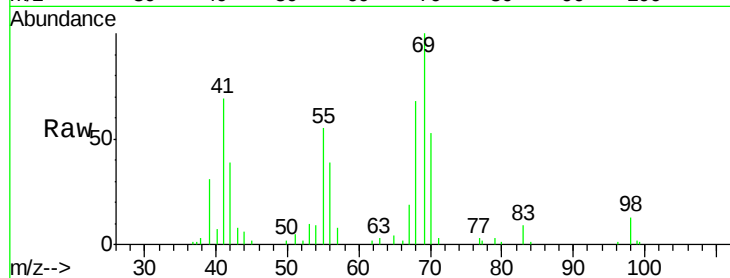




#48
Methvl methacrvlate
Concen: 1.98 ug/l
RT: 7.73 min Scan# 1171
Delta R.T. -0.06 min
Lab File: VX002533.D
Acq: 14 Jun 2018 03:08

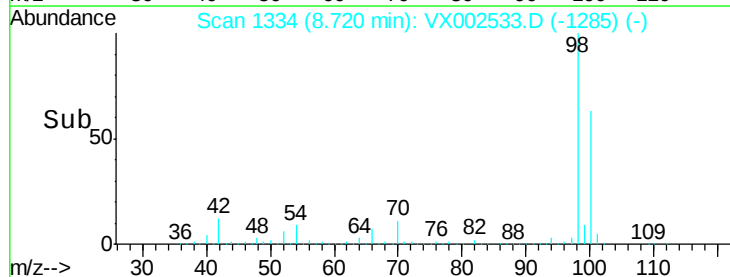
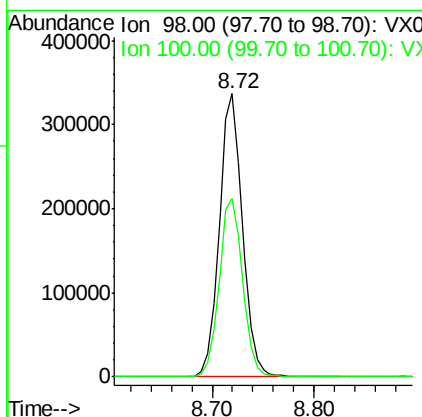
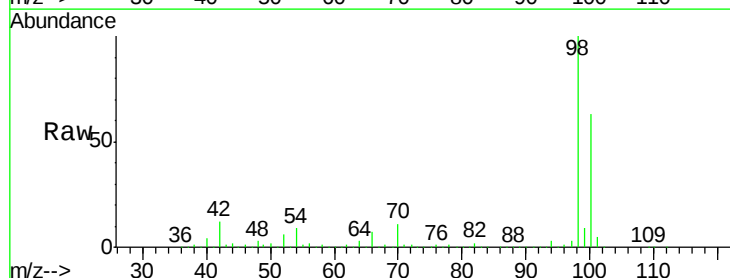
Instrument :
MSVOA_X
ClientSampleId :

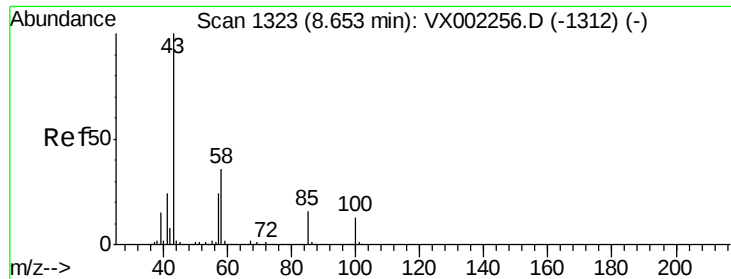
Tot Ion: 41 Resp: 8067
Ion Ratio Lower Upper
41 100
69 142.5 59.1 88.7#
39 50.3 48.9 73.3



#50
Toluene-d8
Concen: 46.58 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002533.D
Acq: 14 Jun 2018 03:08

Tgt Ion: 98 Resp: 529297
Ion Ratio Lower Upper
98 100
100 64.5 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 0.49 ug/l

RT: 8.66 min Scan# 1325

Delta R.T. 0.01 min

Lab File: VX002533.D

Acq: 14 Jun 2018 03:08

Instrument :

MSVOA_X

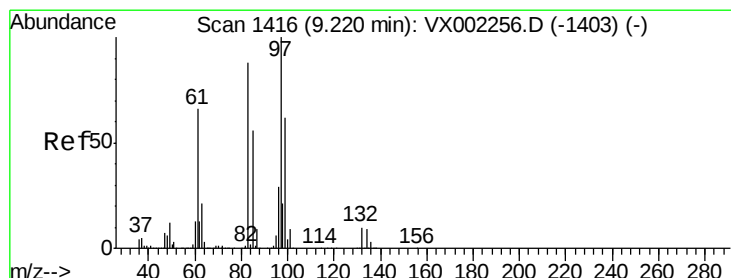
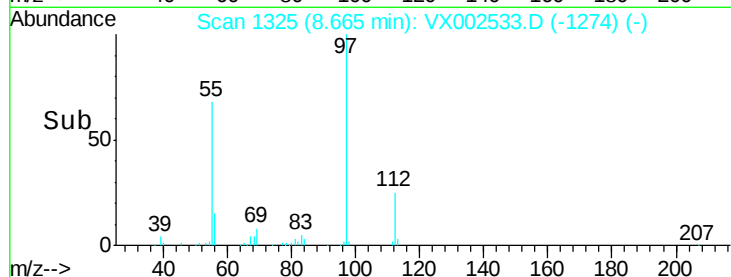
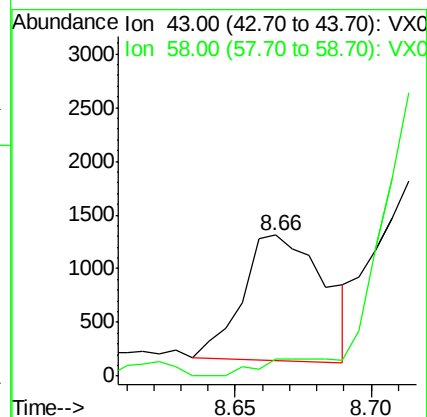
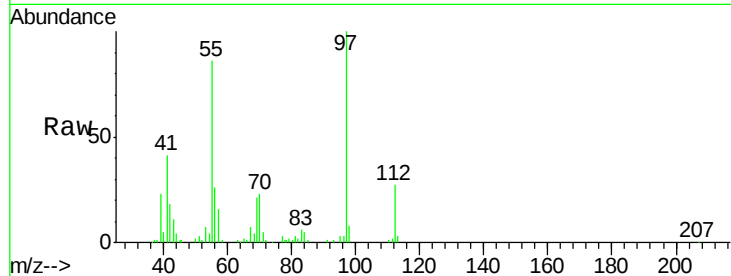
ClientSampleId :

Tot Ion: 43 Resp: 2449

Ion Ratio Lower Upper

43 100

58 0.0 28.6 42.8#



#55

1,1,2-Trichloroethane

Concen: 2.75 ug/l

RT: 9.16 min Scan# 1407

Delta R.T. -0.06 min

Lab File: VX002533.D

Acq: 14 Jun 2018 03:08

Tgt Ion: 97 Resp: 8752

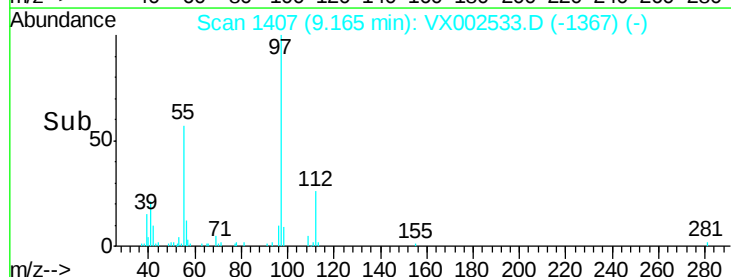
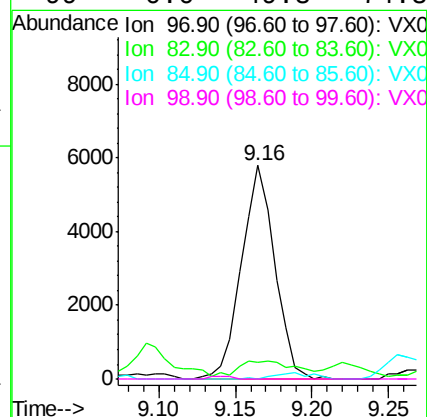
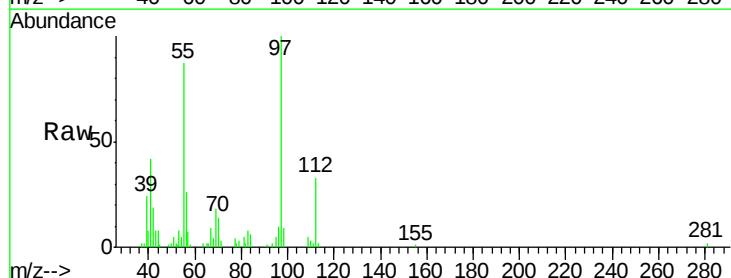
Ion Ratio Lower Upper

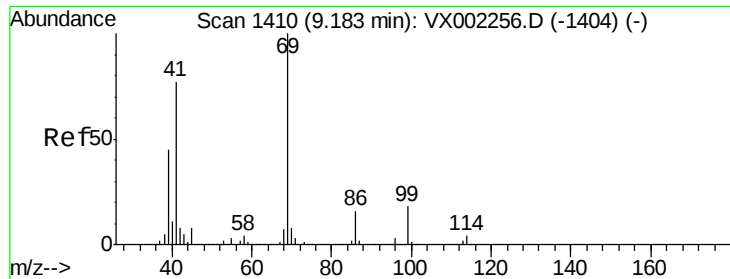
97 100

83 2.7 70.2 105.2#

85 0.0 44.9 67.3#

99 0.0 49.8 74.8#





#56

Ethyl methacrylate

Concen: 0.35 ug/l

RT: 9.17 min Scan# 1408

Delta R.T. -0.01 min

Lab File: VX002533.D

Acq: 14 Jun 2018 03:08

Instrument :
MSVOA_X
ClientSampled :

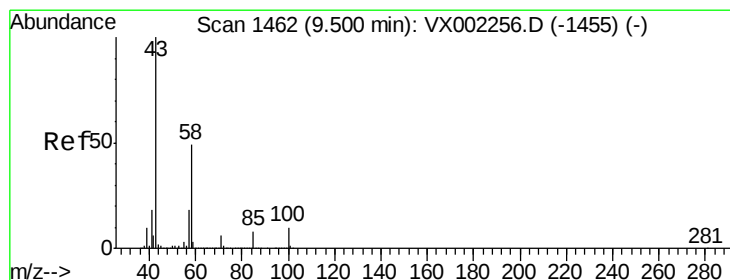
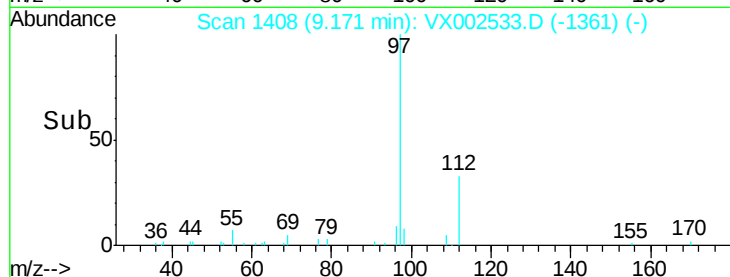
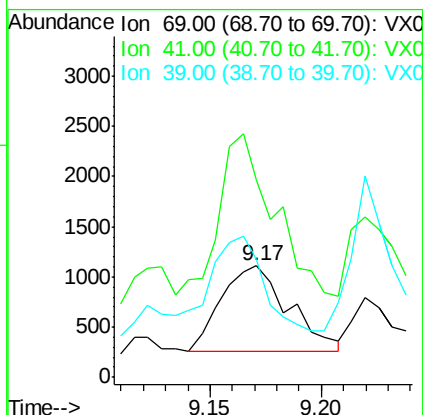
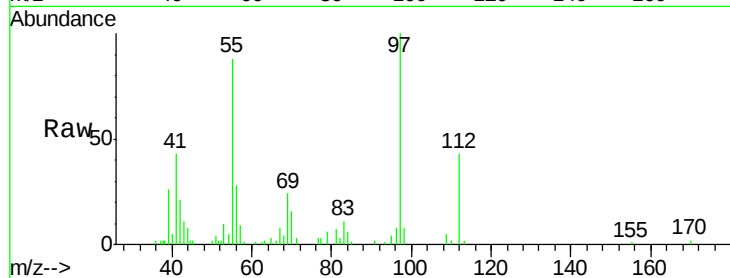
Tot Ion: 69 Resp: 1781

Ion Ratio Lower Upper

69 100

41 245.2 60.3 90.5#

39 85.9 35.8 53.8#



#59

2-Hexanone

Concen: 2.00 ug/l

RT: 9.45 min Scan# 1453

Delta R.T. -0.06 min

Lab File: VX002533.D

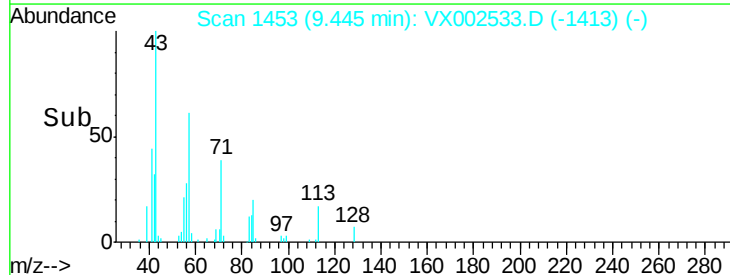
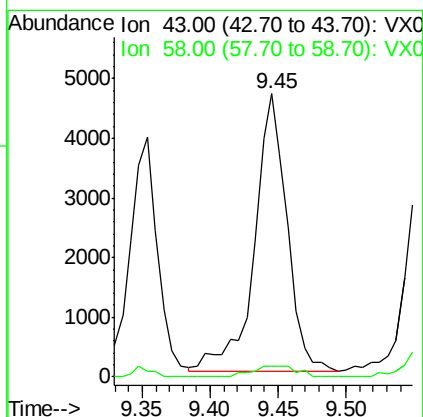
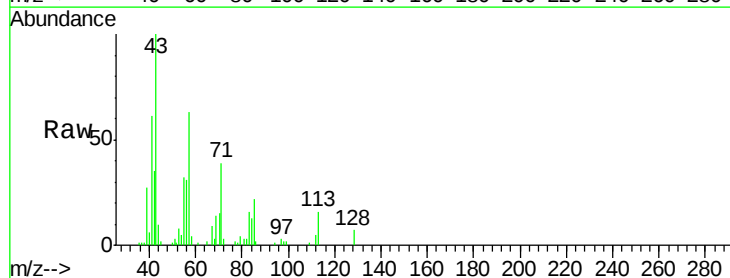
Acq: 14 Jun 2018 03:08

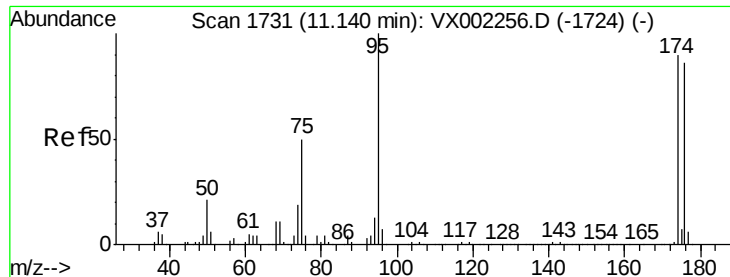
Tgt Ion: 43 Resp: 7782

Ion Ratio Lower Upper

43 100

58 5.4 24.6 73.6#

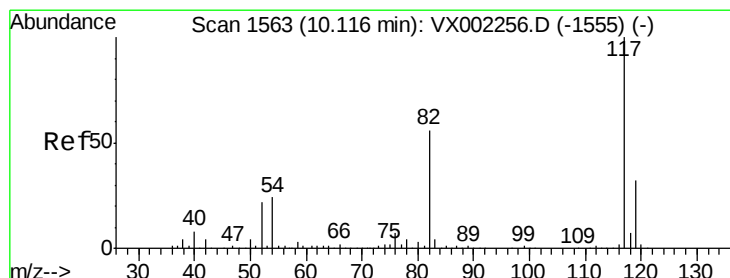
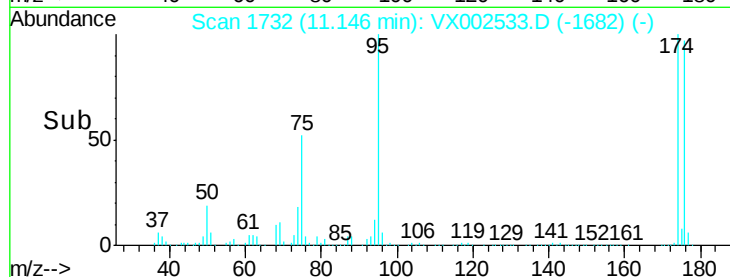
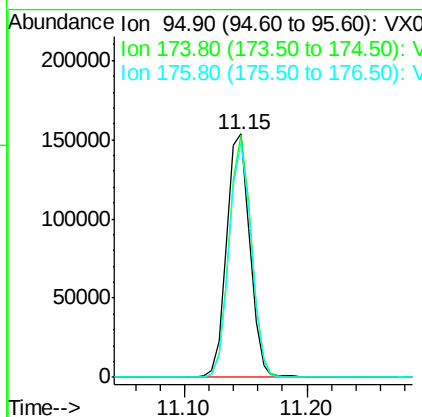
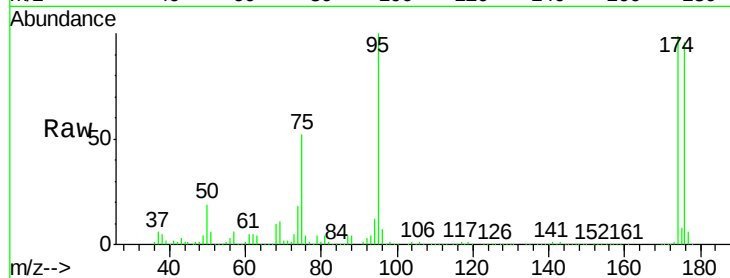




#62
4-Bromofluorobenzene
Concen: 45.59 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.01 min
Lab File: VX002533.D
Acq: 14 Jun 2018 03:08

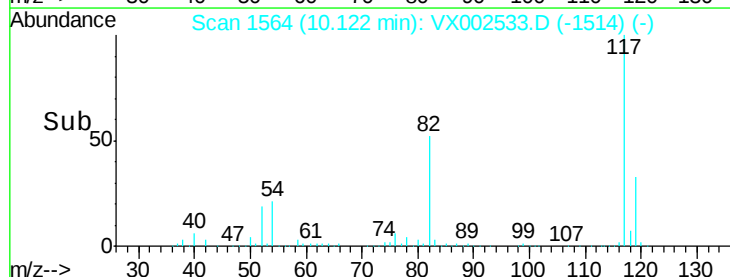
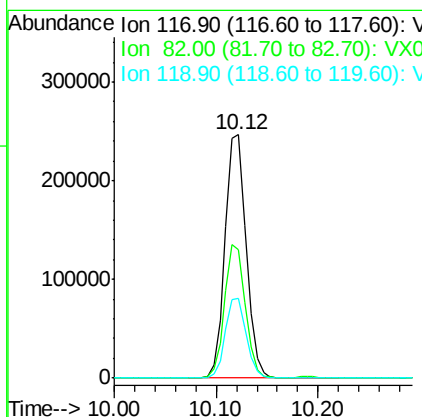
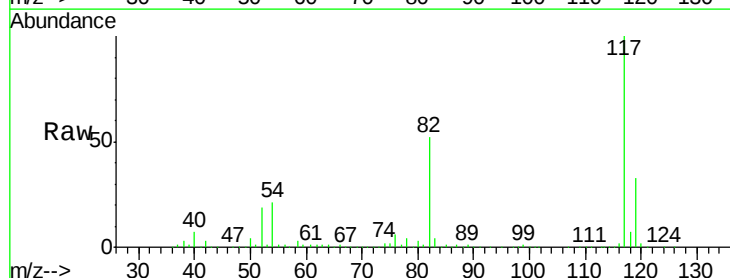
Instrument :
MSVOA_X
ClientSampled :

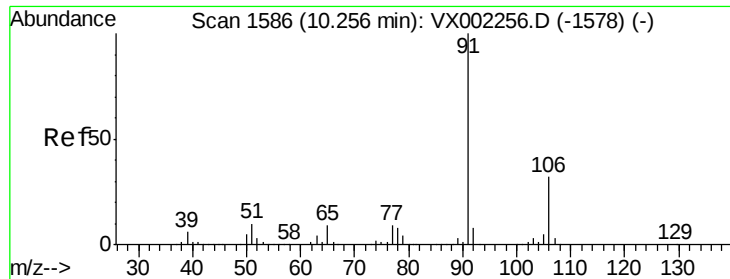
Tot Ion: 95 Resp: 199772
Ion Ratio Lower Upper
95 100
174 95.9 0.0 187.4
176 93.0 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX002533.D
Acq: 14 Jun 2018 03:08

Tgt Ion: 117 Resp: 354543
Ion Ratio Lower Upper
117 100
82 52.4 45.0 67.4
119 32.8 25.8 38.6





#67

Ethyl Benzene

Concen: 23.27 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002533.D

Acq: 14 Jun 2018 03:08

Instrument :

MSVOA_X

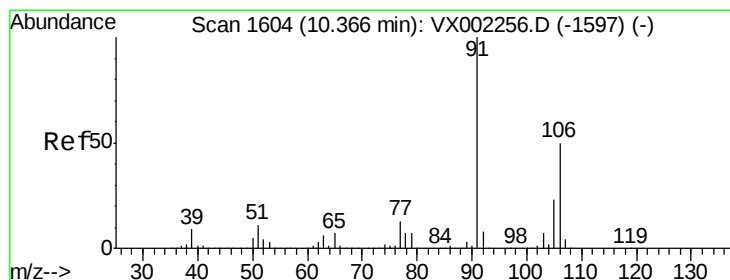
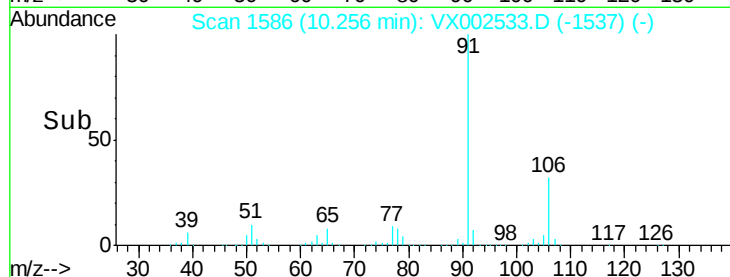
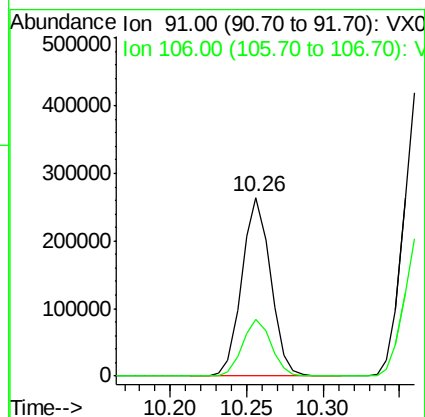
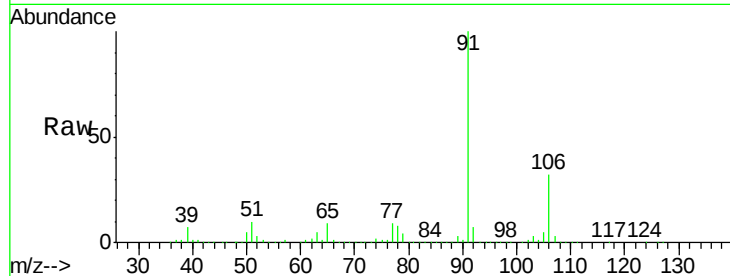
ClientSampleId :

Tot Ion: 91 Resp: 343625

Ion Ratio Lower Upper

91 100

106 32.0 25.5 38.3



#68

m/p-Xylenes

Concen: 50.15 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.01 min

Lab File: VX002533.D

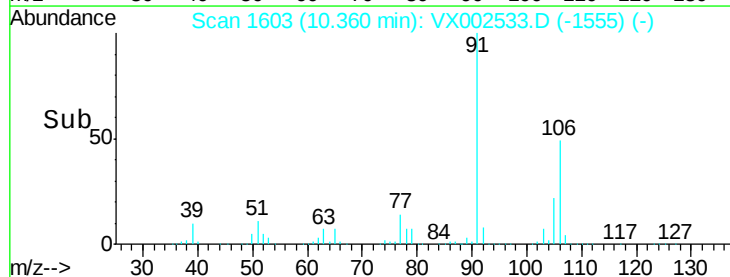
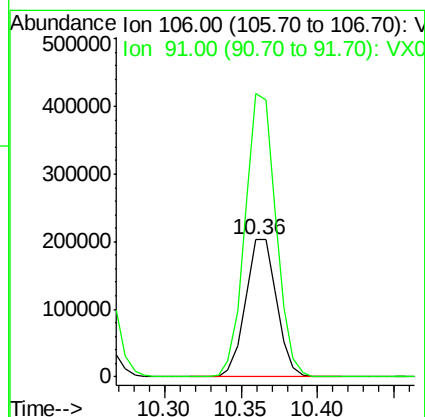
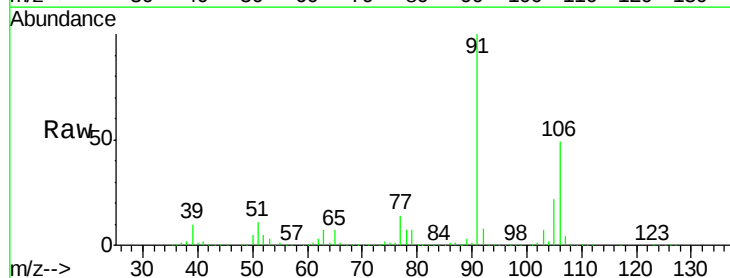
Acq: 14 Jun 2018 03:08

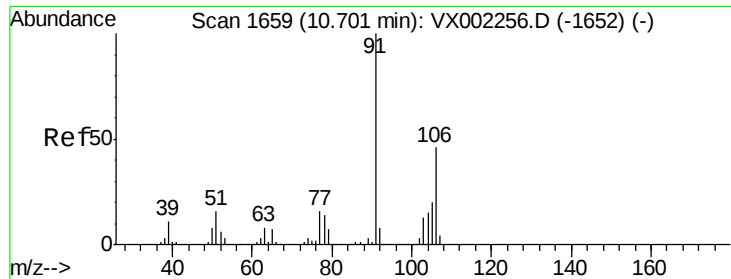
Tgt Ion: 106 Resp: 287813

Ion Ratio Lower Upper

106 100

91 203.3 163.4 245.2

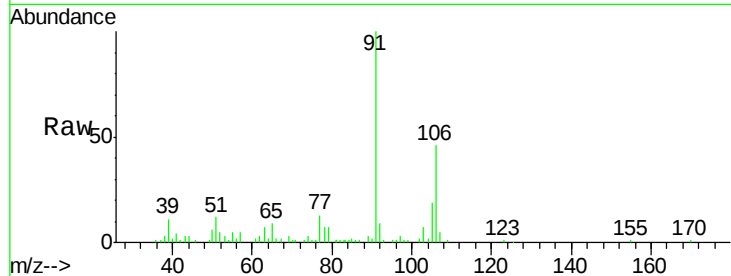




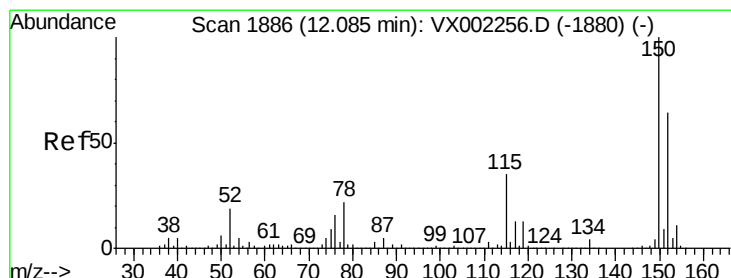
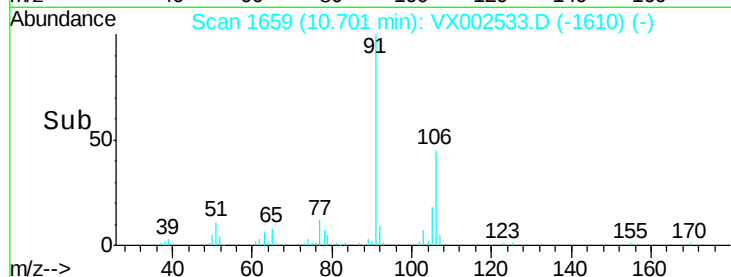
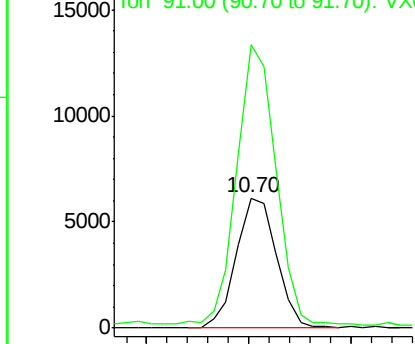
#69
o-Xylene
Concen: 1.47 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002533.D
Acq: 14 Jun 2018 03:08

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 8408
Ion Ratio Lower Upper
106 100
91 208.0 108.2 324.6

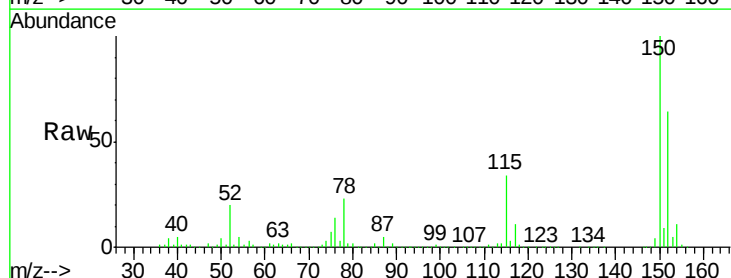


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

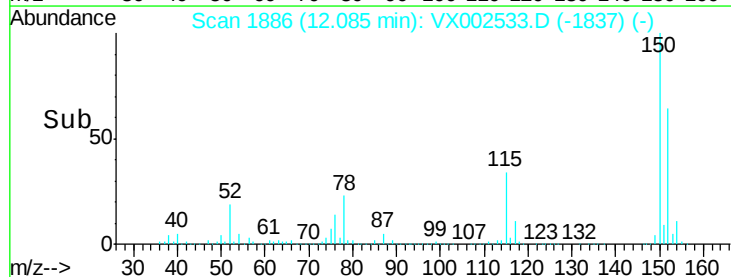
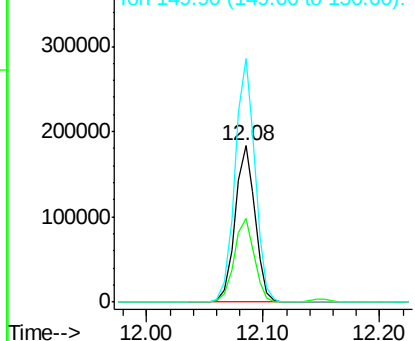


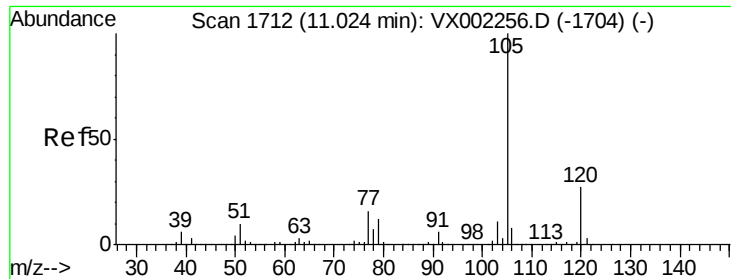
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002533.D
Acq: 14 Jun 2018 03:08

Tgt Ion:152 Resp: 218353
Ion Ratio Lower Upper
152 100
115 53.7 40.1 120.2
150 155.7 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: 1.43 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002533.D

Acq: 14 Jun 2018 03:08

Instrument :

MSVOA_X

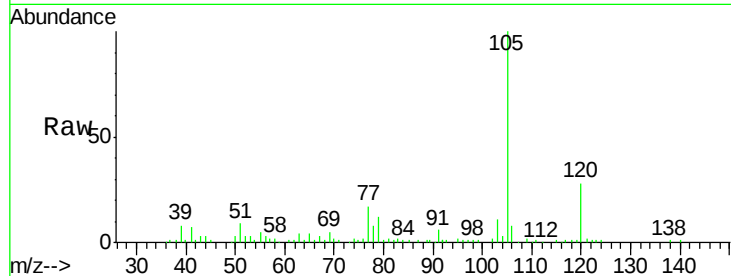
ClientSampleId :

Tot Ion:105 Resp: 21792

Ion Ratio Lower Upper

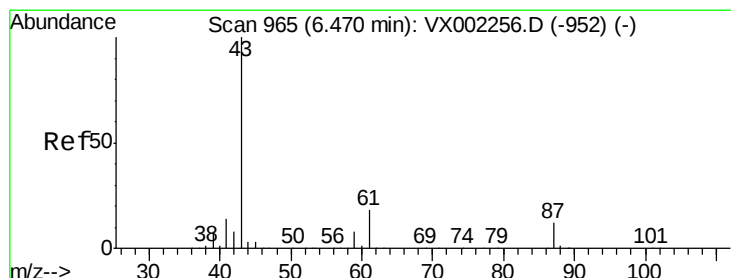
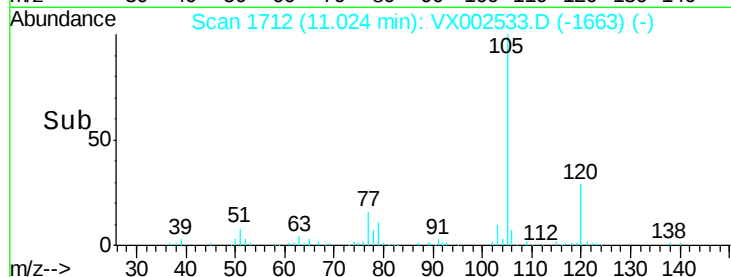
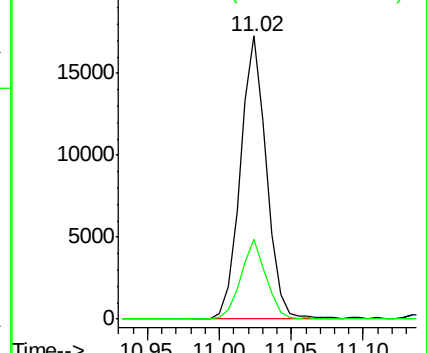
105 100

120 27.1 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 1.40 ug/l

RT: 6.28 min Scan# 933

Delta R.T. -0.20 min

Lab File: VX002533.D

Acq: 14 Jun 2018 03:08

Tgt Ion: 43 Resp: 11465

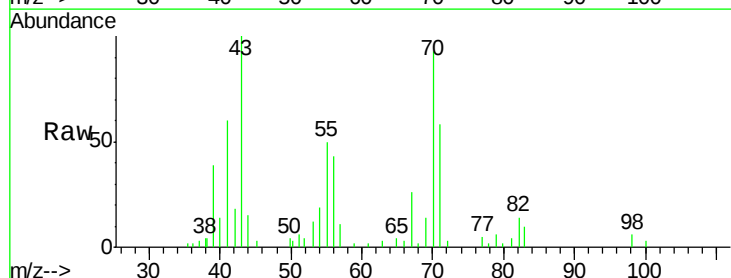
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 0.2 14.4 21.6#

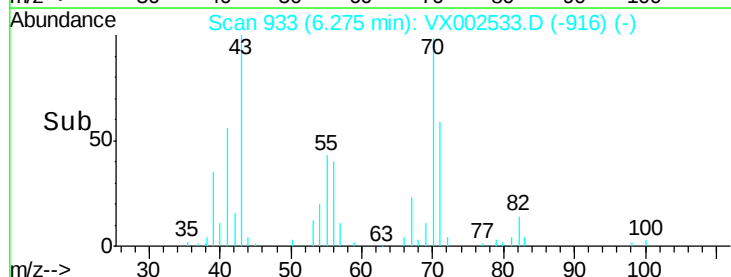
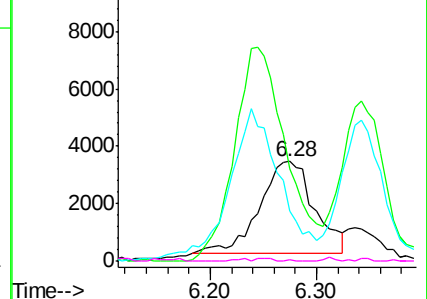


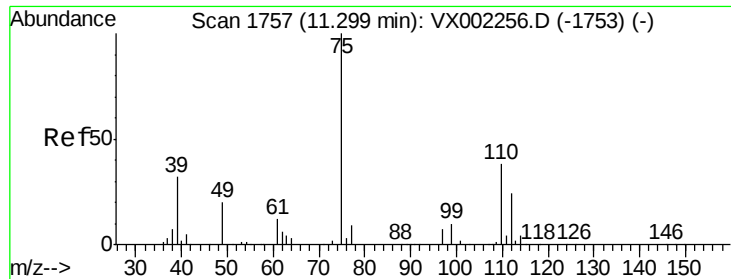
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#76

1,2,3-Trichloropropane

Concen: 0.78 ug/l

RT: 11.44 min Scan# 1780

Delta R.T. 0.14 min

Lab File: VX002533.D

Acq: 14 Jun 2018 03:08

Instrument :

MSVOA_X

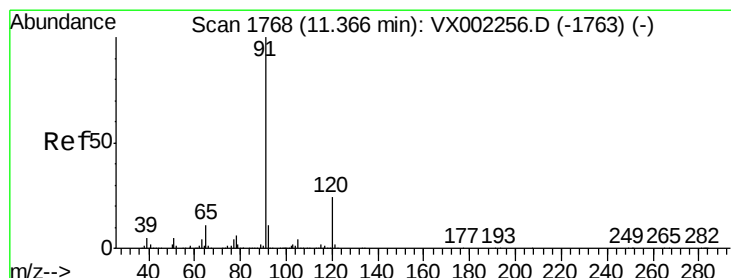
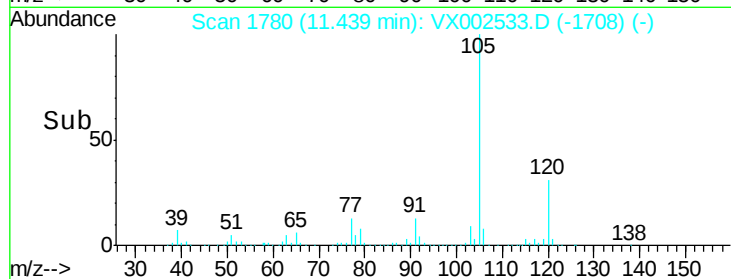
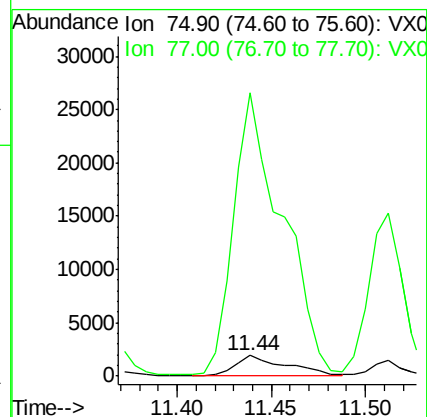
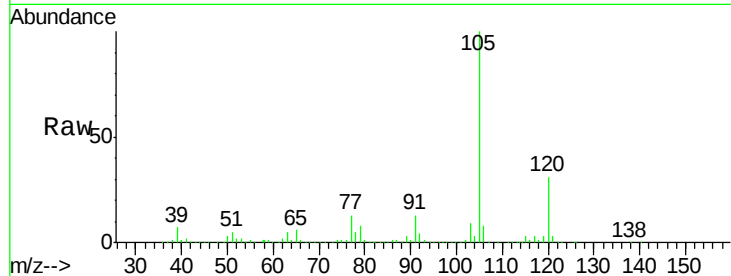
ClientSampled :

Tot Ion: 75 Resp: 3736

Ion Ratio Lower Upper

75 100

77 1266.7 22.8 68.3#



#78

n-propylbenzene

Concen: 6.56 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002533.D

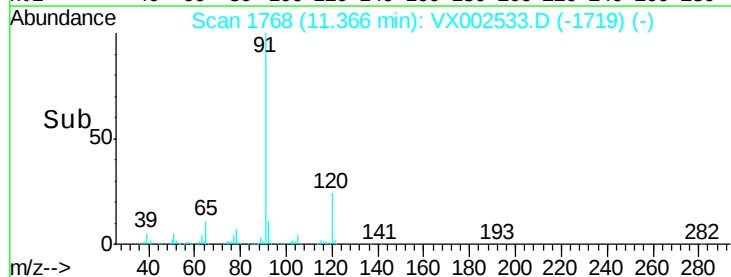
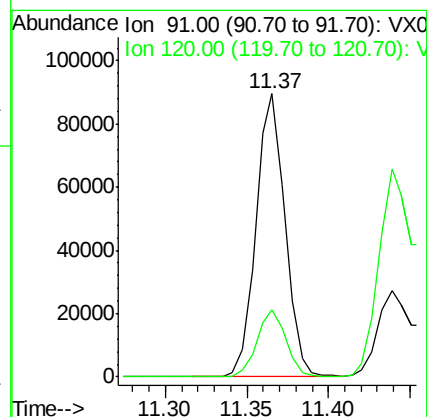
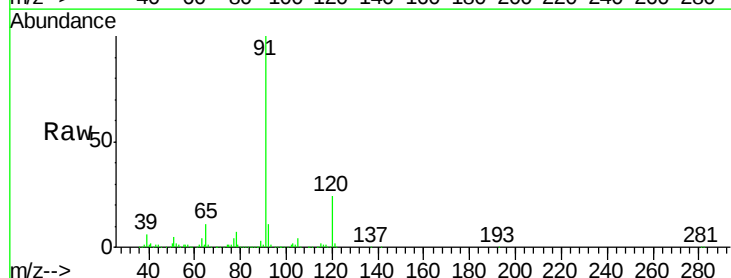
Acq: 14 Jun 2018 03:08

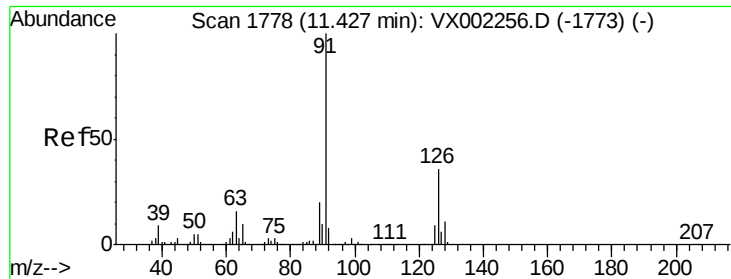
Tgt Ion: 91 Resp: 110832

Ion Ratio Lower Upper

91 100

120 23.7 11.8 35.4

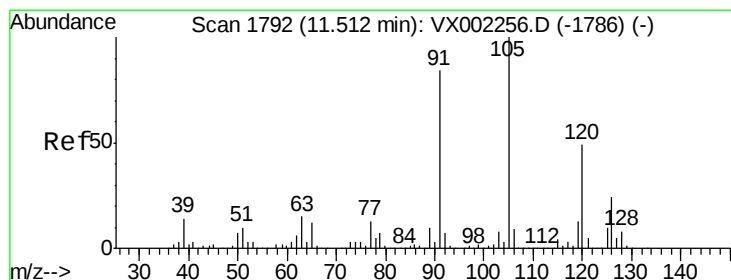
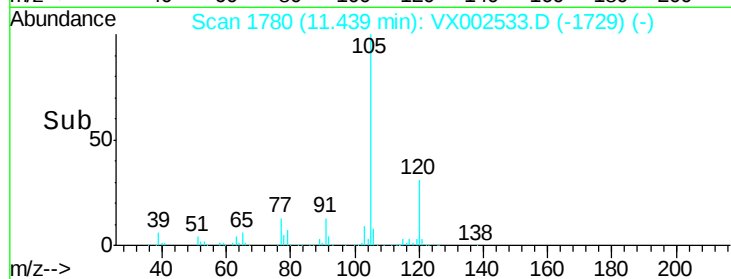
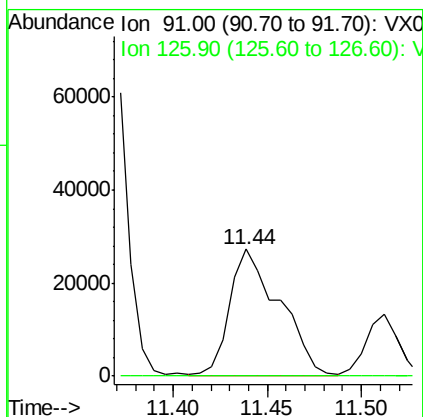
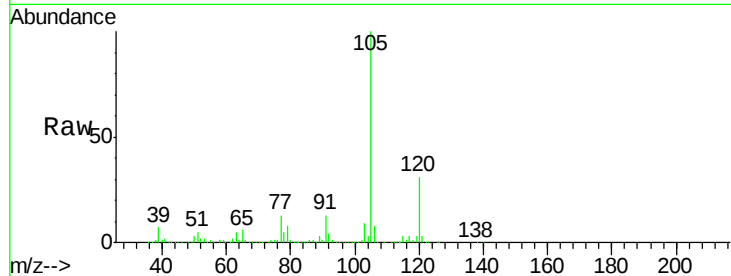




#79
 2-Chlorotoluene
 Concen: 4.69 ug/l
 RT: 11.44 min Scan# 1780
 Delta R.T. 0.01 min
 Lab File: VX002533.D
 Acq: 14 Jun 2018 03:08

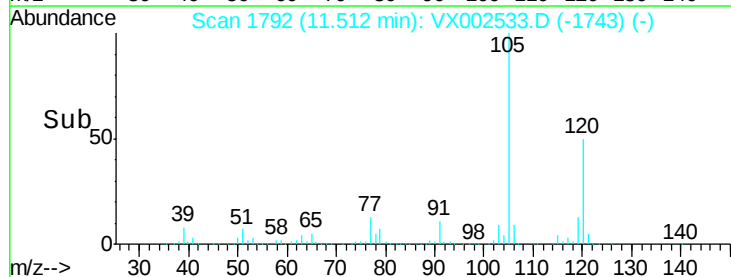
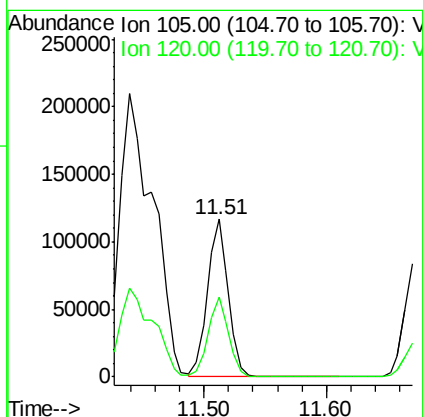
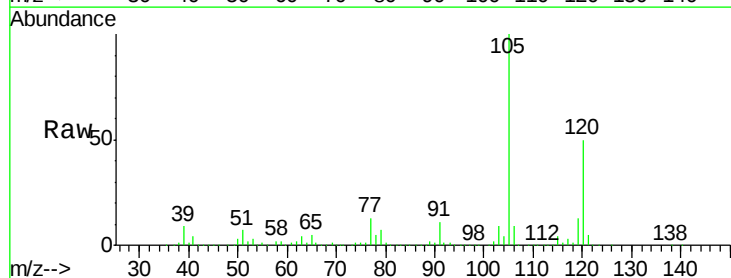
Instrument :
 MSVOA_X
 ClientSampleId :

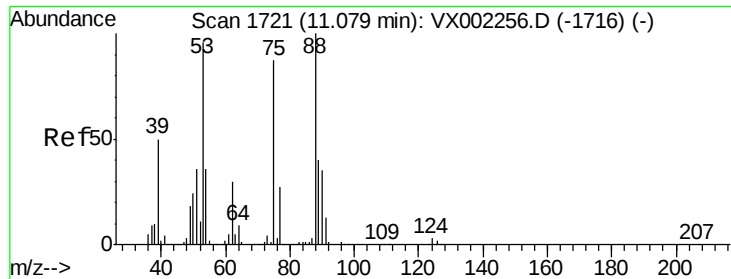
Tot Ion: 91 Resp: 50002
 Ion Ratio Lower Upper
 91 100
 126 0.3 17.7 53.1#



#80
 1,3,5-Trimethylbenzene
 Concen: 10.66 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX002533.D
 Acq: 14 Jun 2018 03:08

Tgt Ion: 105 Resp: 138890
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 77.40 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.07 min

Lab File: VX002533.D

Acq: 14 Jun 2018 03:08

Instrument :

MSVOA_X

ClientSampleId :

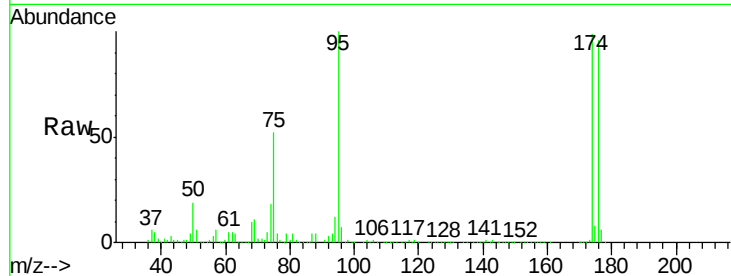
Tot Ion: 75 Resp: 105795

Ion Ratio Lower Upper

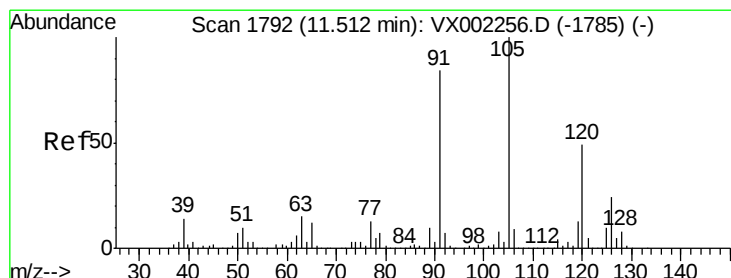
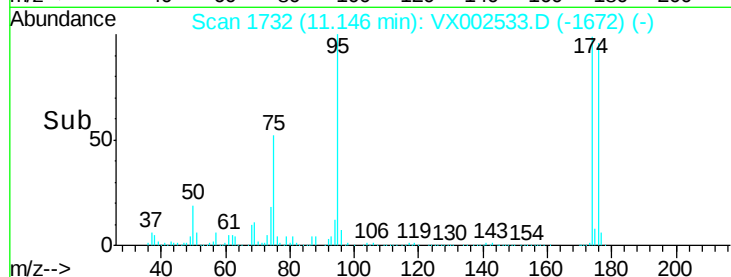
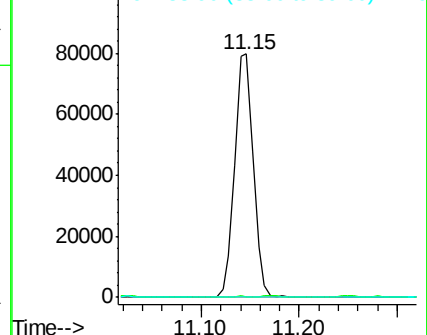
75 100

53 0.6 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



#82

4-Chlorotoluene

Concen: 1.31 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002533.D

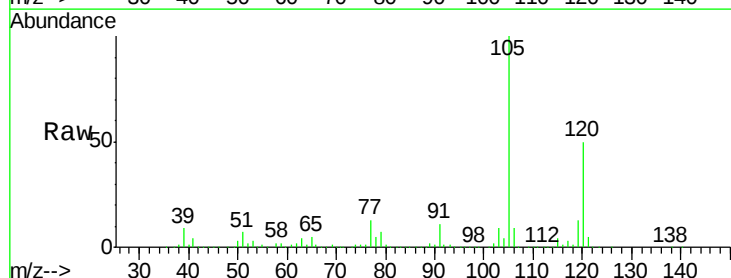
Acq: 14 Jun 2018 03:08

Tgt Ion: 91 Resp: 16125

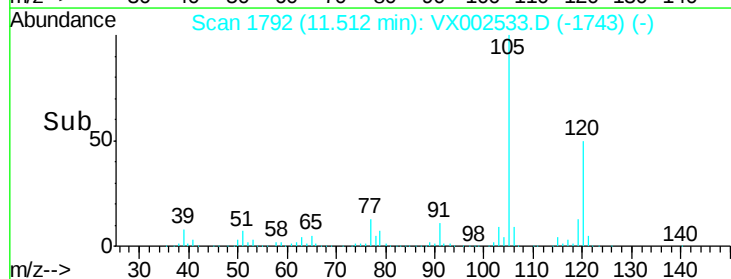
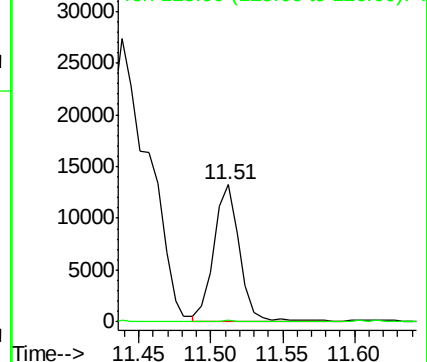
Ion Ratio Lower Upper

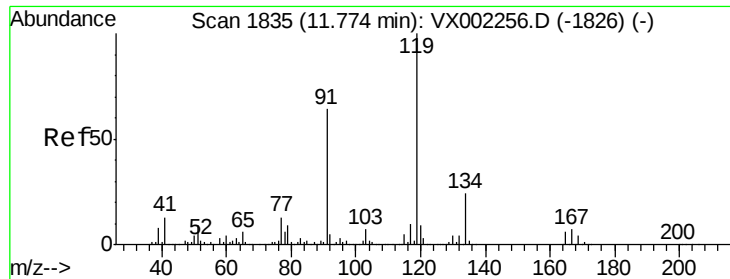
91 100

126 0.9 15.4 46.4#



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

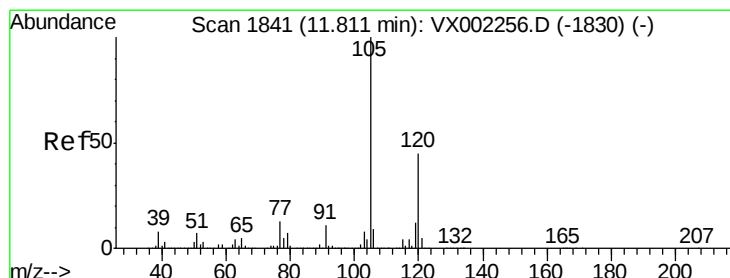
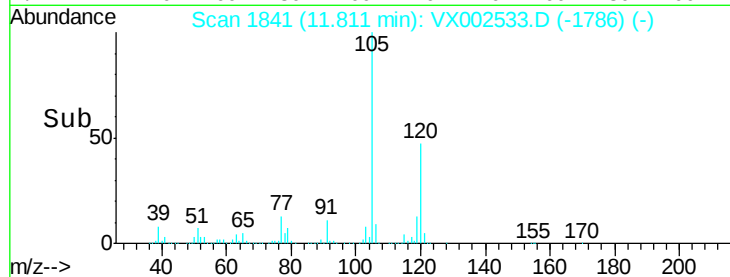
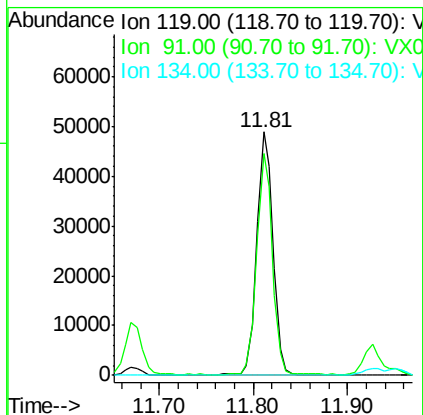
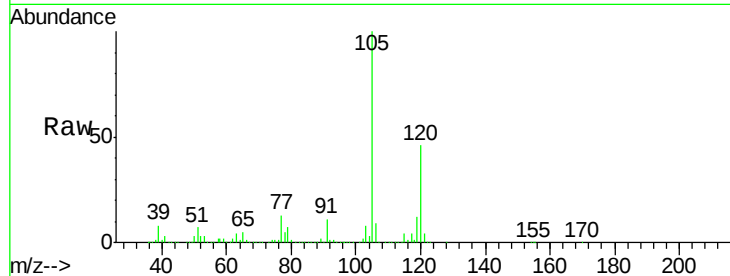




#83
 tert-Butylbenzene
 Concen: 4.73 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.04 min
 Lab File: VX002533.D
 Acq: 14 Jun 2018 03:08

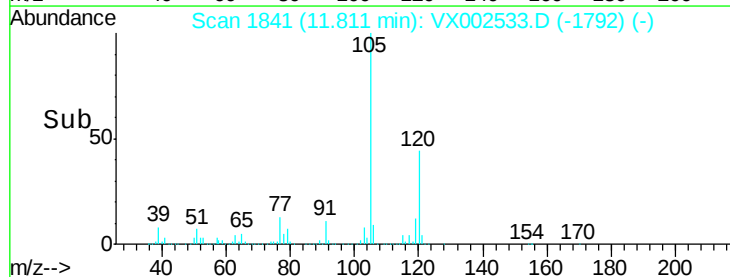
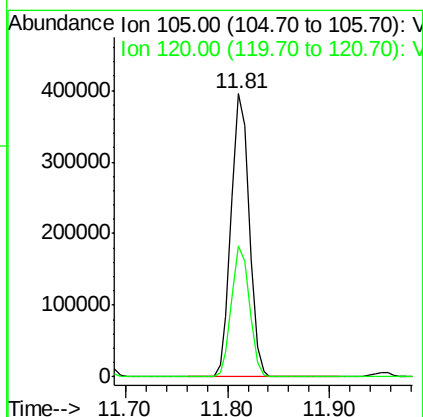
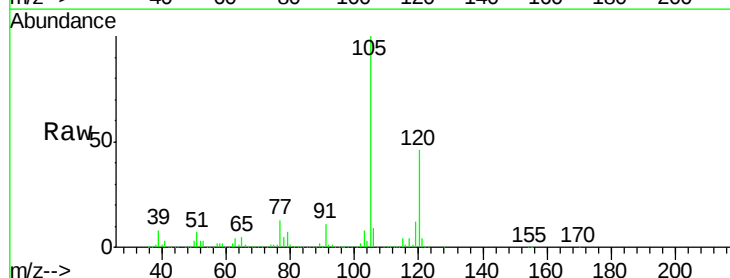
Instrument :
 MSVOA_X
 ClientSampleId :

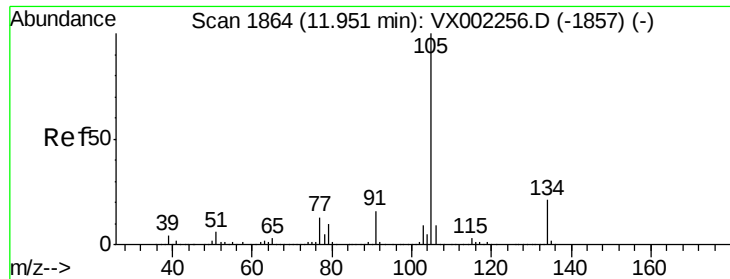
Tot Ion:119 Resp: 59989
 Ion Ratio Lower Upper
 119 100
 91 88.2 30.3 90.9
 134 0.0 11.7 35.1#



#84
 1,2,4-Trimethylbenzene
 Concen: 35.88 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002533.D
 Acq: 14 Jun 2018 03:08

Tgt Ion:105 Resp: 481196
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.3 66.8





#85

sec-Butylbenzene

Concen: 32.35 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.14 min

Lab File: VX002533.D

Acq: 14 Jun 2018 03:08

Instrument :

MSVOA_X

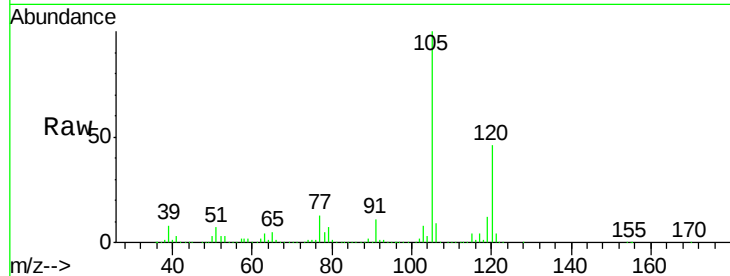
ClientSampleId :

Tot Ion:105 Resp: 481152

Ion Ratio Lower Upper

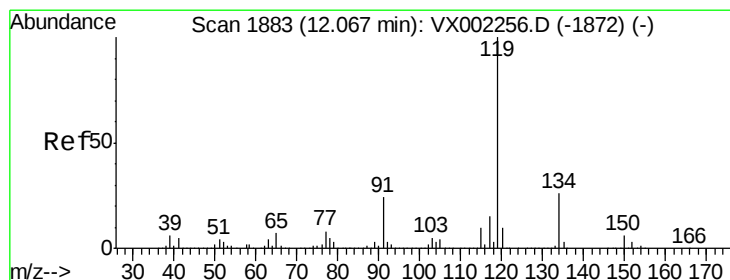
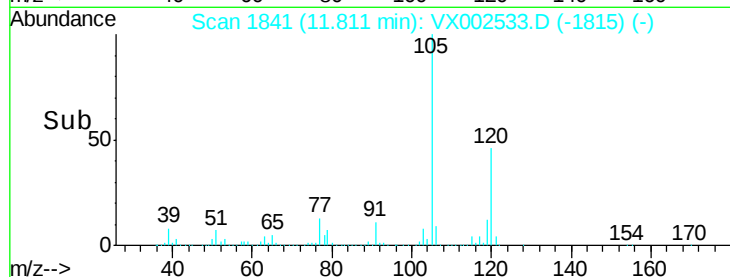
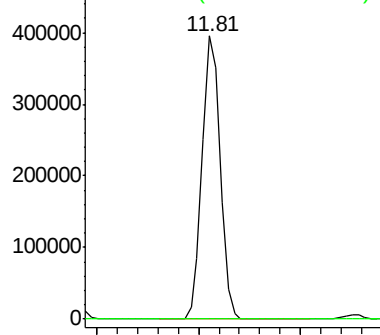
105 100

134 0.0 10.4 31.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.75 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.04 min

Lab File: VX002533.D

Acq: 14 Jun 2018 03:08

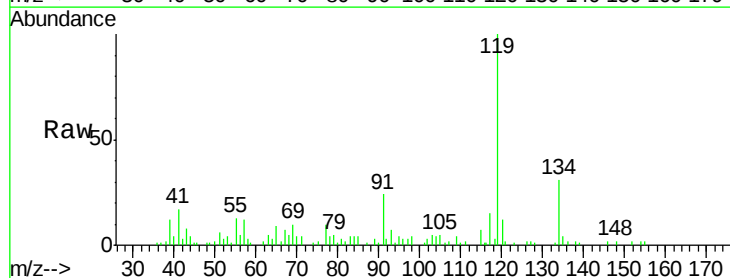
Tgt Ion:119 Resp: 10179

Ion Ratio Lower Upper

119 100

134 30.2 13.4 40.1

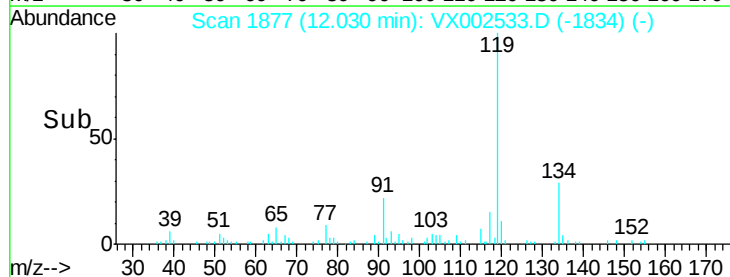
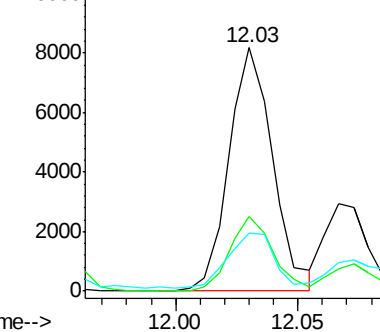
91 24.1 11.9 35.7

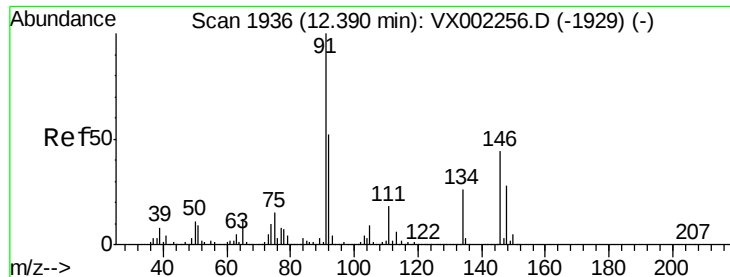


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

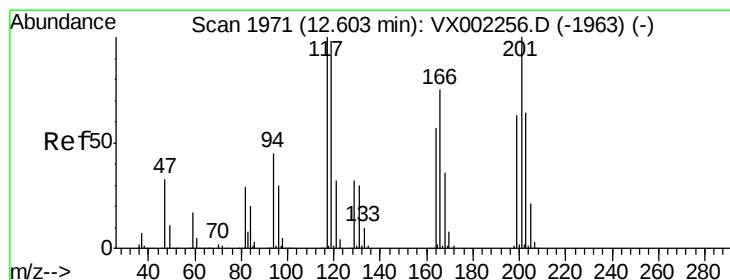
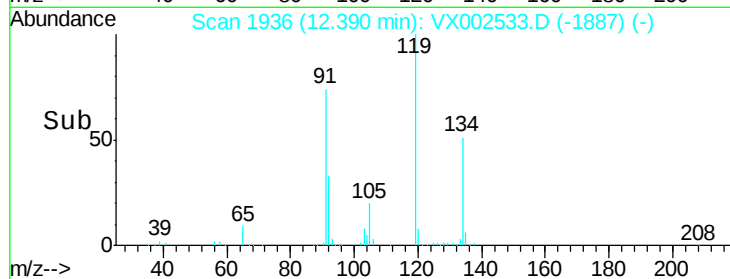
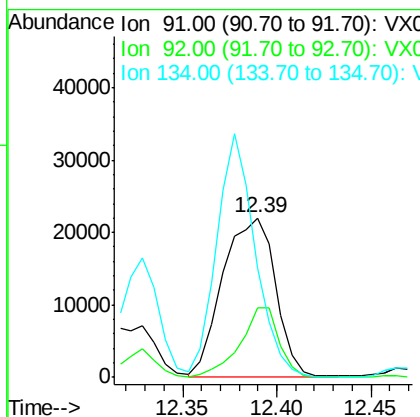
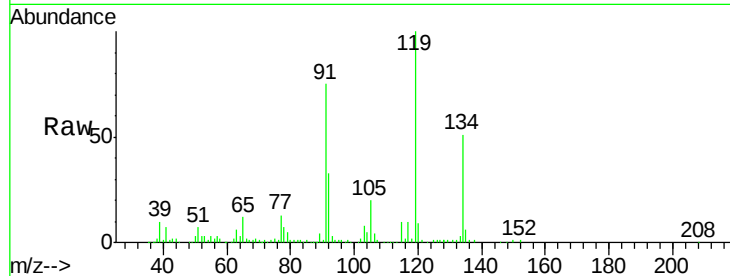




#89
n-Butylbenzene
Concen: 3.71 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002533.D
Acq: 14 Jun 2018 03:08

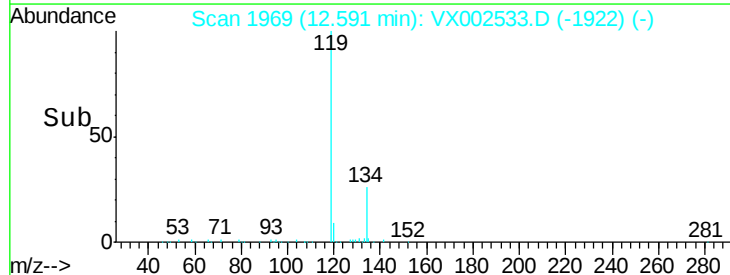
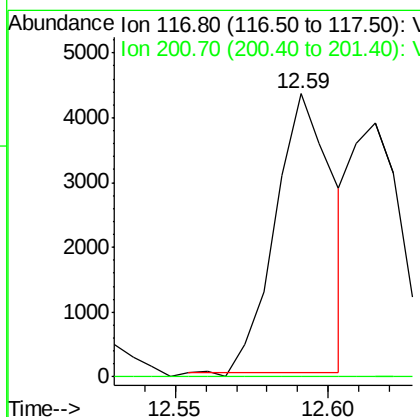
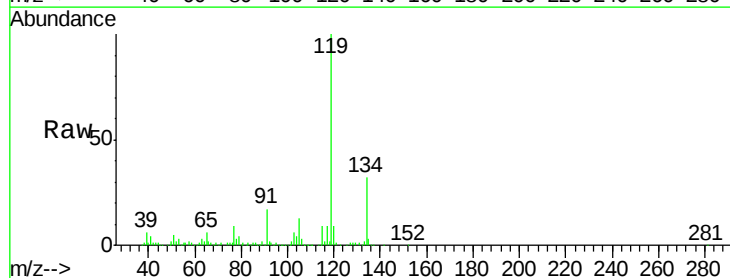
Instrument :
MSVOA_X
ClientSampled :

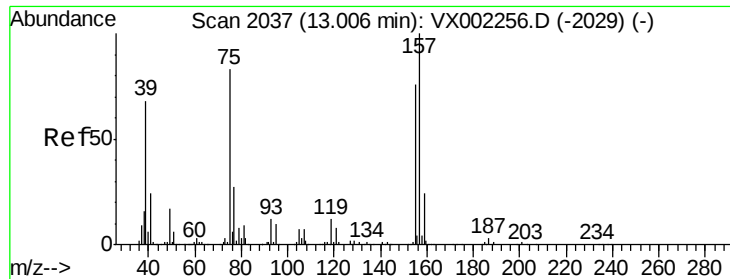
Tot Ion: 91 Resp: 42208
Ion Ratio Lower Upper
91 100
92 33.1 26.0 78.0
134 113.1 13.5 40.5#



#90
Hexachloroethane
Concen: 2.59 ug/l
RT: 12.59 min Scan# 1969
Delta R.T. -0.01 min
Lab File: VX002533.D
Acq: 14 Jun 2018 03:08

Tgt Ion: 117 Resp: 5599
Ion Ratio Lower Upper
117 100
201 0.0 49.0 147.0#

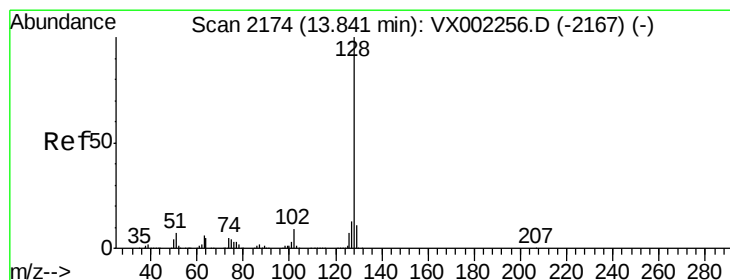
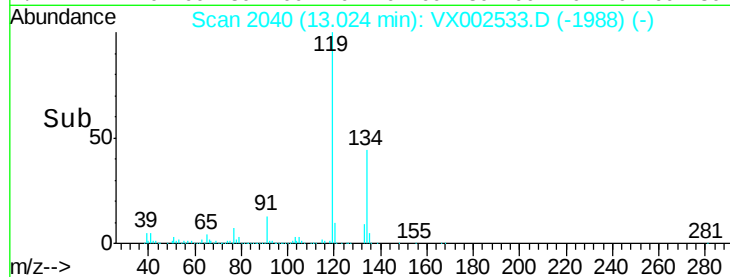
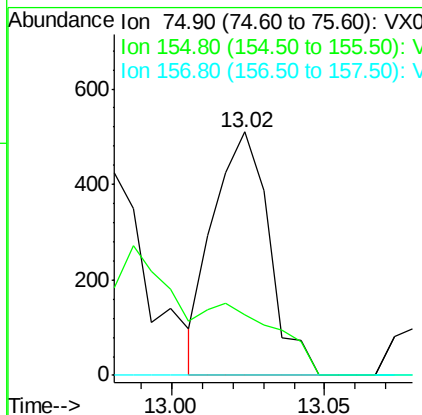
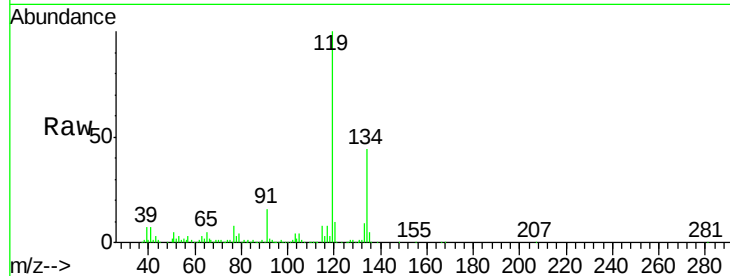




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.62 ug/l
 RT: 13.02 min Scan# 2040
 Delta R.T. 0.02 min
 Lab File: VX002533.D
 Acq: 14 Jun 2018 03:08

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 75 Resp: 647
 Ion Ratio Lower Upper
 75 100
 155 0.0 45.8 137.4#
 157 0.0 60.1 180.3#



#95
 Naphthalene
 Concen: 8.17 ug/l
 RT: 13.84 min Scan# 2174
 Delta R.T. -0.00 min
 Lab File: VX002533.D
 Acq: 14 Jun 2018 03:08

Tgt Ion: 128 Resp: 129776
 Ion Ratio Lower Upper
 128 100
 127 13.6 10.4 15.6
 129 11.4 8.6 13.0

