

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX061418\
 Data File : VX002587.D
 Acq On : 15 Jun 2018 07:48
 Operator : JC/MD
 Sample : J3241-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 15 08:18:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	227174	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	333456	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	310773	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	178437	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	159811	49.13	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.26%		
35) Dibromofluoromethane	5.51	113	118648	45.25	ug/l	0.00
Spiked Amount 50.000			Recovery =	90.50%		
50) Toluene-d8	8.72	98	475905	47.35	ug/l	0.00
Spiked Amount 50.000			Recovery =	94.70%		
62) 4-Bromofluorobenzene	11.14	95	172489	44.50	ug/l	0.00
Spiked Amount 50.000			Recovery =	89.00%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	331	Below Cal	#	72
5) Bromomethane	1.67	94	709	Below Cal	#	77
8) Diethyl Ether	2.19	74	282	Below Cal		85
11) Tert butyl alcohol	3.07	59	276	Below Cal	#	1
13) Acrolein	2.29	56	273	Below Cal	#	59
15) Acrylonitrile	3.16	53	136	Below Cal	#	9
16) Acetone	2.45	43	18938	Below Cal		98
18) Methyl Acetate	2.78	43	22693	4.52	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	41	Below Cal	#	1
20) Methylene Chloride	2.86	84	44786	15.53	ug/l	98
22) Diisopropyl ether	3.89	45	143	Below Cal	#	35
25) 2-Butanone	4.71	43	3025	1.36	ug/l	87
28) Bromochloromethane	5.00	49	24	Below Cal	#	13
29) Tetrahydrofuran	5.17	42	1075	0.75	ug/l	84
30) Chloroform	5.22	83	4794	0.96	ug/l	92
36) 1,1-Dichloropropene	5.67	75	16762	4.78	ug/l	51
38) Carbon Tetrachloride	5.67	117	21628	5.90	ug/l	16
39) Methylcyclohexane	7.46	83	146	0.30	ug/l	49
47) Bromodichloromethane	7.90	83	1552	0.44	ug/l	87
51) 4-Methyl-2-Pentanone	8.65	43	1515	0.34	ug/l	90
65) Chlorobenzene	10.14	112	2773	0.36	ug/l	84
67) Ethyl Benzene	10.26	91	7753	0.60	ug/l	100
68) m/p-Xylenes	10.36	106	8926	1.77	ug/l	95
69) o-Xylene	10.70	106	3162	0.63	ug/l	98
76) 1,2,3-Trichloropropane	11.14	75	92800	23.70	ug/l	33
78) n-propylbenzene	11.36	91	5941	0.43	ug/l	96
79) 2-Chlorotoluene	11.44	91	3248	0.37	ug/l	39
80) 1,3,5-Trimethylbenzene	11.51	105	11692	1.10	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.14	75	92800	83.08	ug/l	6
84) 1,2,4-Trimethylbenzene	11.81	105	31279	2.85	ug/l	97
86) p-Isopropyltoluene	12.03	119	2616	0.24	ug/l	91
89) n-Butylbenzene	12.38	91	3508	0.38	ug/l	18
90) Hexachloroethane	12.62	117	547	0.31	ug/l	1
92) 1,2-Dibromo-3-Chloropropan	12.99	75	174	0.20	ug/l	14

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QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

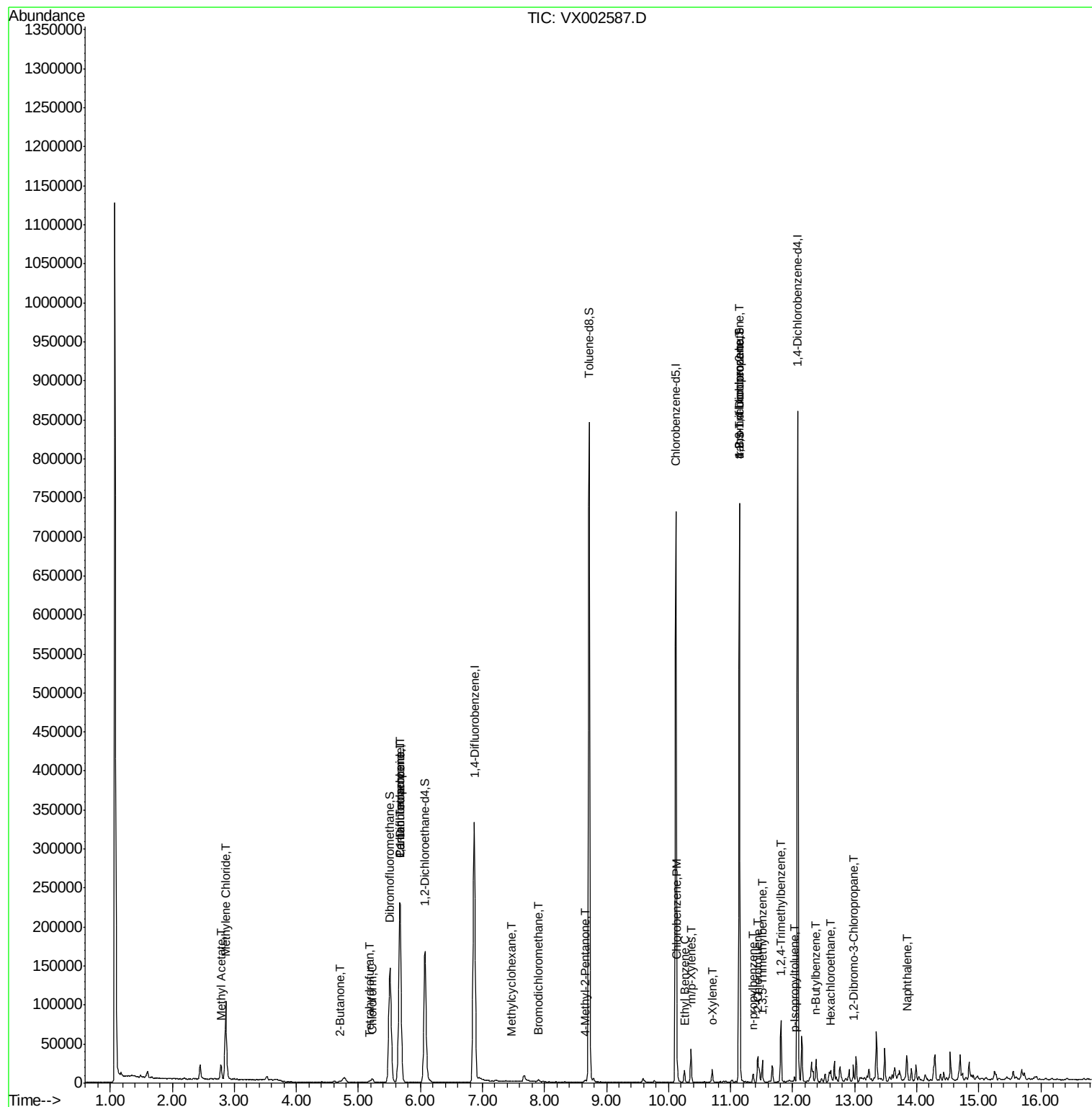
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.84	128	20822	1.60	ug/l	95

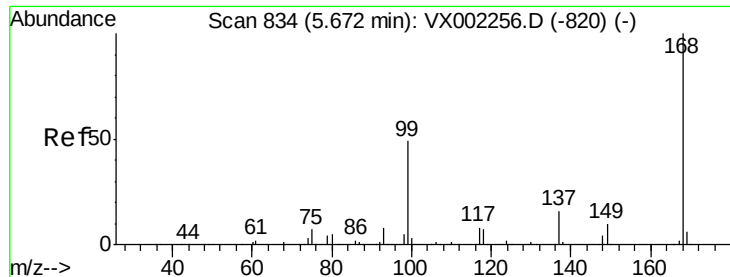
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX002587.D

Acq: 15 Jun 2018 07:48

Instrument :

MSVOA_X

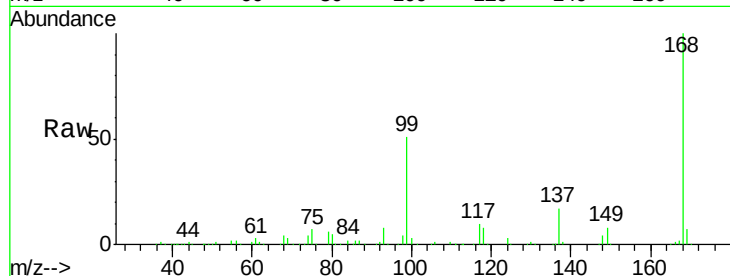
ClientSampleId :

Tot Ion:168 Resp: 227174

Ion Ratio Lower Upper

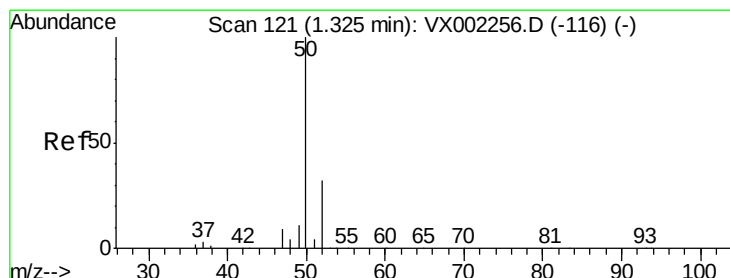
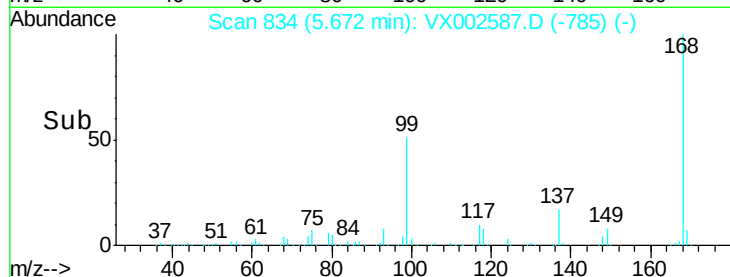
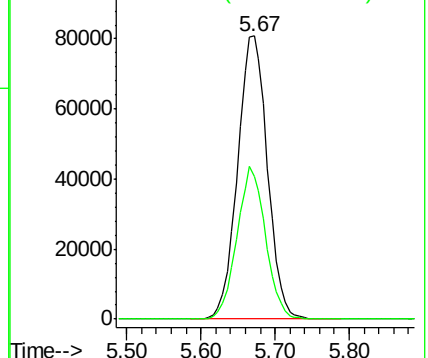
168 100

99 50.6 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: VX002587.D

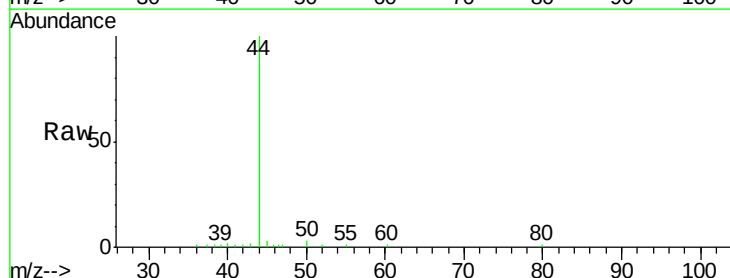
Acq: 15 Jun 2018 07:48

Tgt Ion: 50 Resp: 331

Ion Ratio Lower Upper

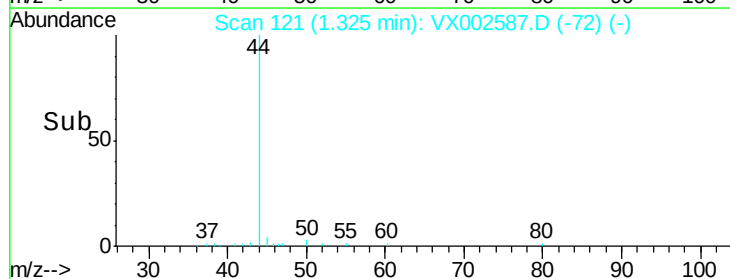
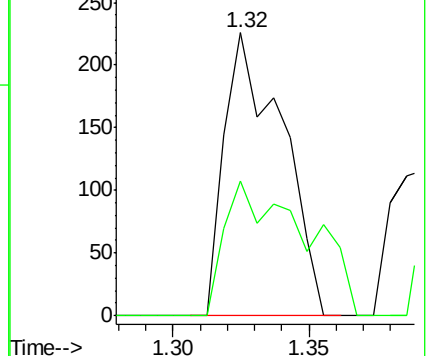
50 100

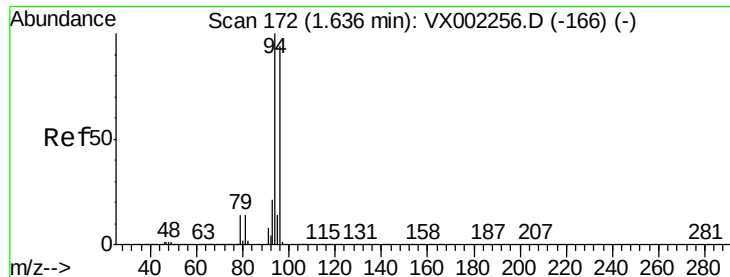
52 47.8 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: Below Cal

RT: 1.67 min Scan# 178

Delta R.T. 0.04 min

Lab File: VX002587.D

Acq: 15 Jun 2018 07:48

Instrument :

MSVOA_X

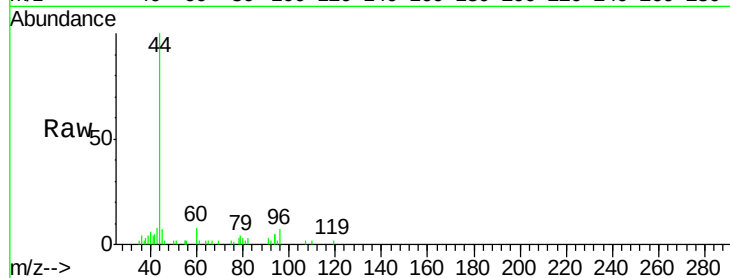
ClientSampled :

Tot Ion: 94 Resp: 709

Ion Ratio Lower Upper

94 100

96 71.8 74.9 112.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.67

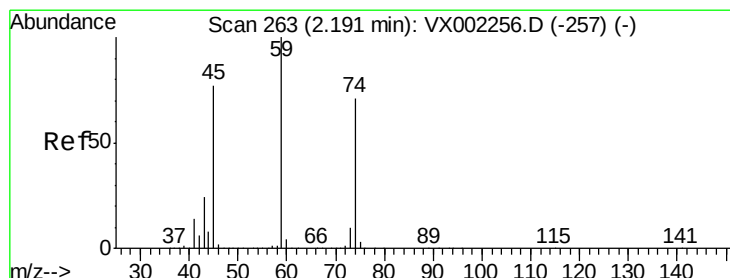
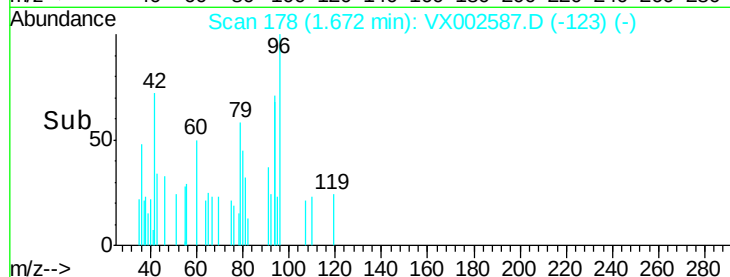
300

200

100

0

Time-->



#8

Diethyl Ether

Concen: Below Cal

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX002587.D

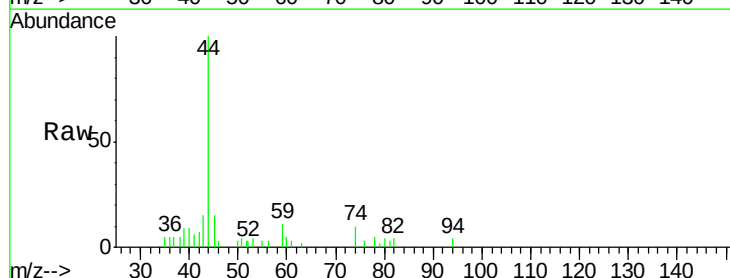
Acq: 15 Jun 2018 07:48

Tgt Ion: 74 Resp: 282

Ion Ratio Lower Upper

74 100

45 90.8 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

2.19

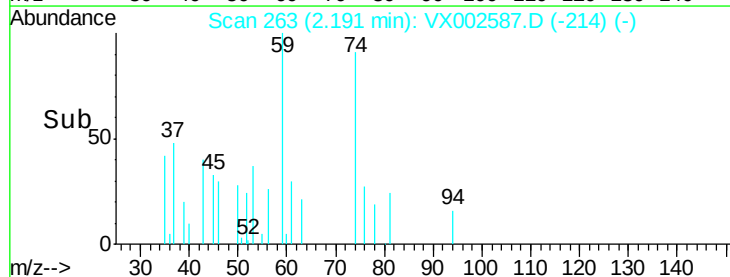
300

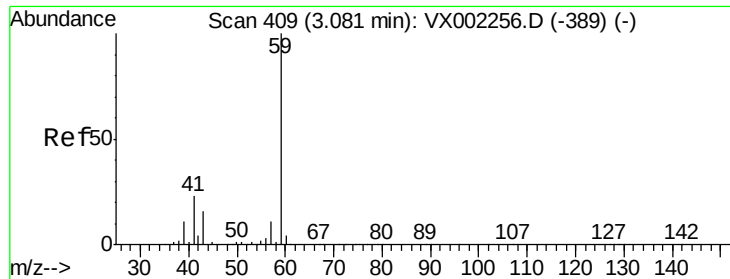
200

100

0

Time-->



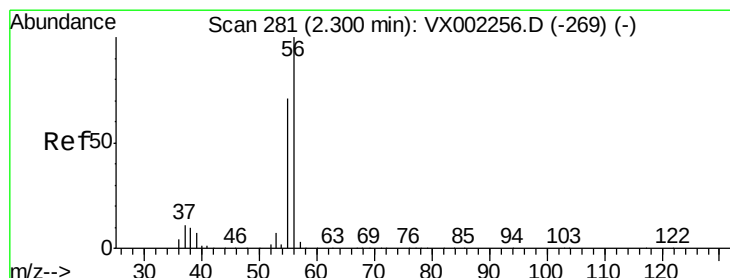
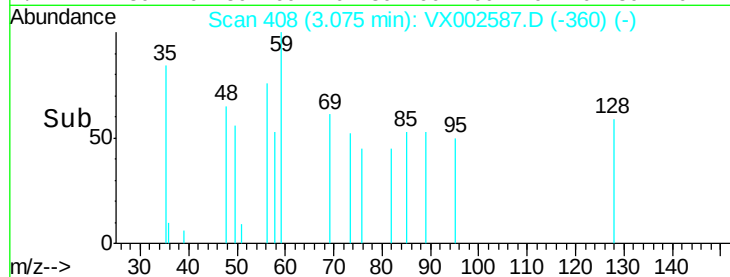
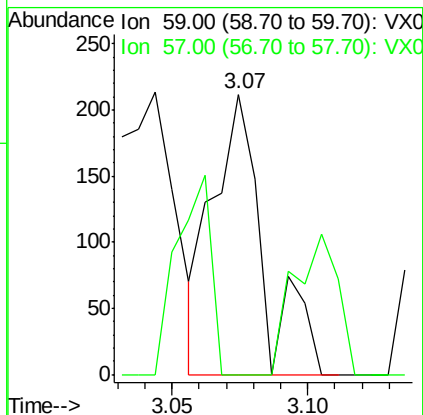
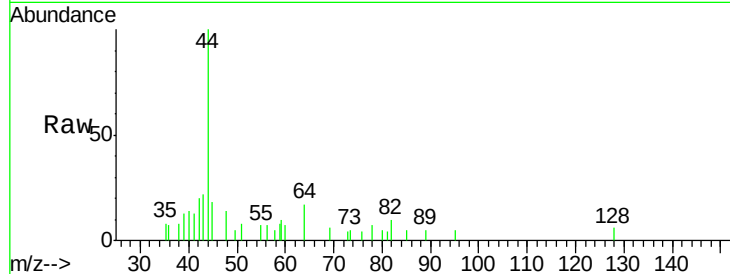


#11

Tert butyl alcohol
Concen: Below Cal
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002587.D
Acq: 15 Jun 2018 07:48

Instrument :
MSVOA_X
ClientSampled :

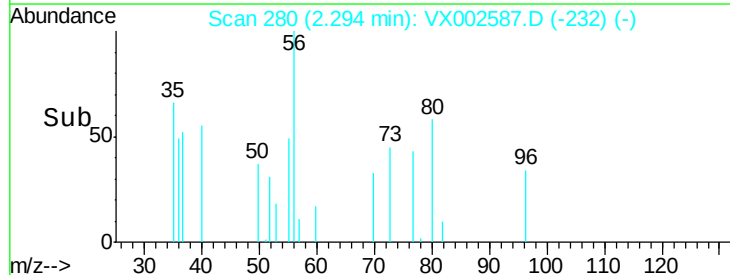
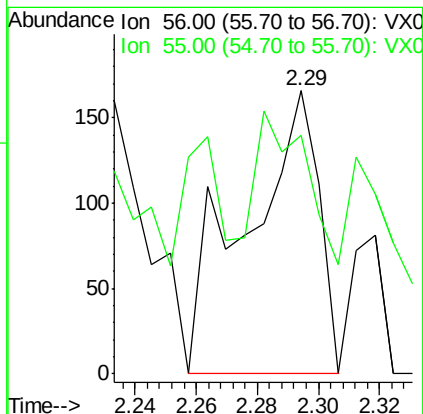
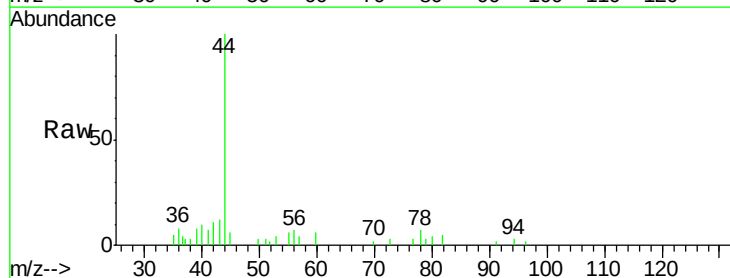
Tot Ion: 59 Resp: 276
Ion Ratio Lower Upper
59 100
57 47.8 8.2 12.2#

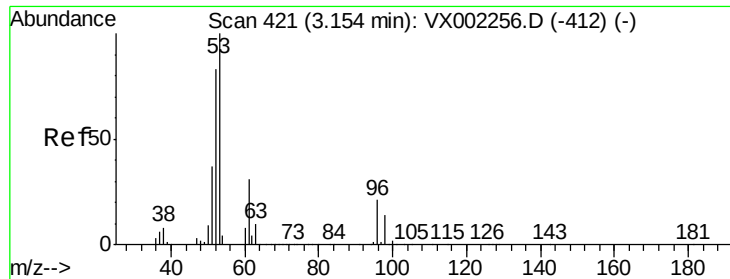


#13

Acrolein
Concen: Below Cal
RT: 2.29 min Scan# 280
Delta R.T. -0.01 min
Lab File: VX002587.D
Acq: 15 Jun 2018 07:48

Tgt Ion: 56 Resp: 273
Ion Ratio Lower Upper
56 100
55 37.0 57.0 85.4#





#15

Acrylonitrile

Concen: Below Cal

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX002587.D

Acq: 15 Jun 2018 07:48

Instrument :

MSVOA_X

ClientSampled :

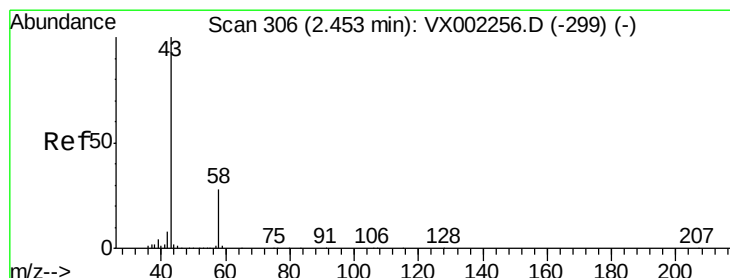
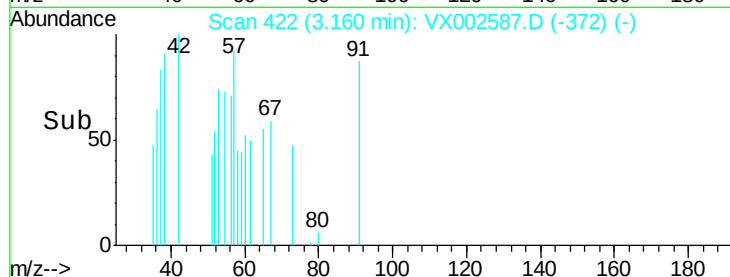
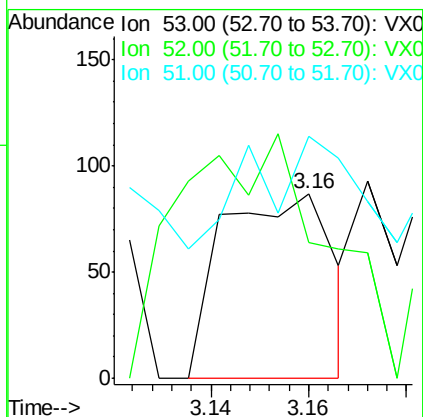
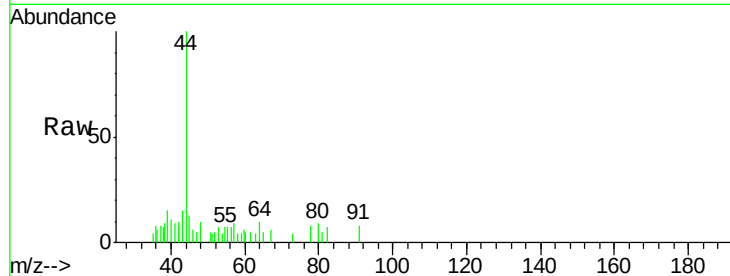
Tot Ion: 53 Resp: 136

Ion Ratio Lower Upper

53 100

52 176.5 66.7 100.1#

51 0.0 29.9 44.9#



#16

Acetone

Concen: Below Cal

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002587.D

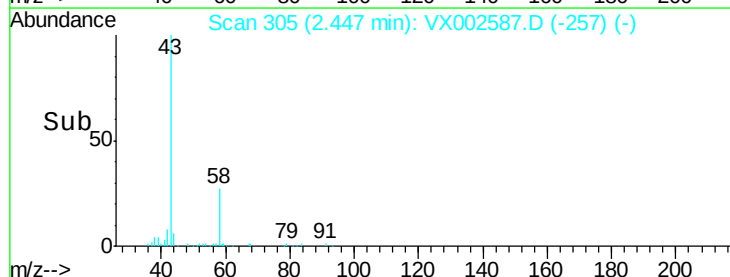
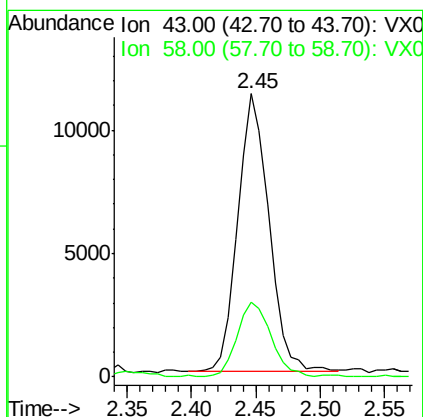
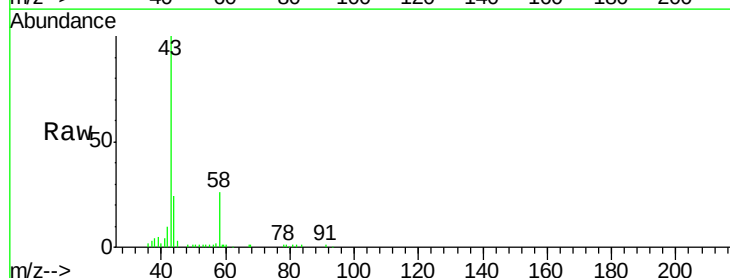
Acq: 15 Jun 2018 07:48

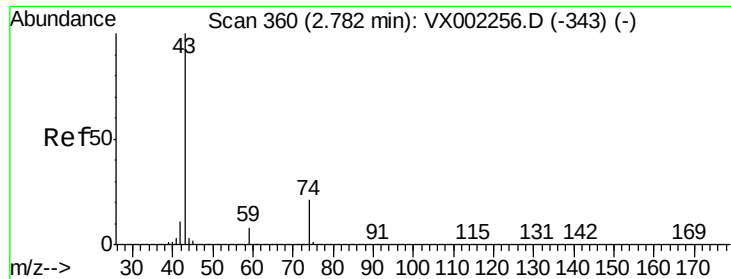
Tgt Ion: 43 Resp: 18938

Ion Ratio Lower Upper

43 100

58 26.4 22.1 33.1

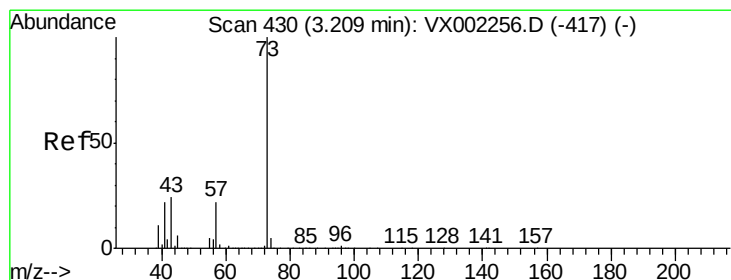
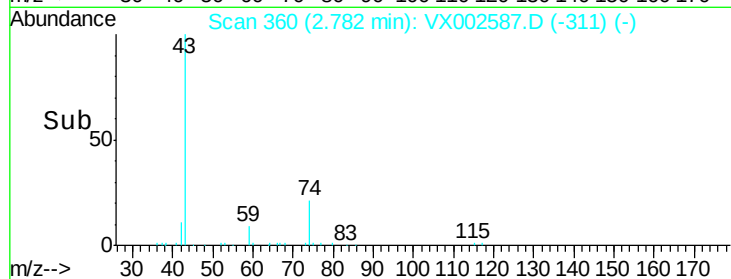
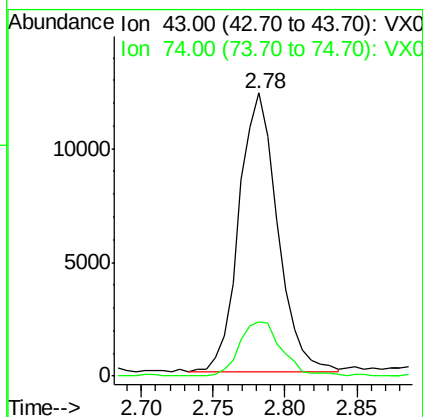
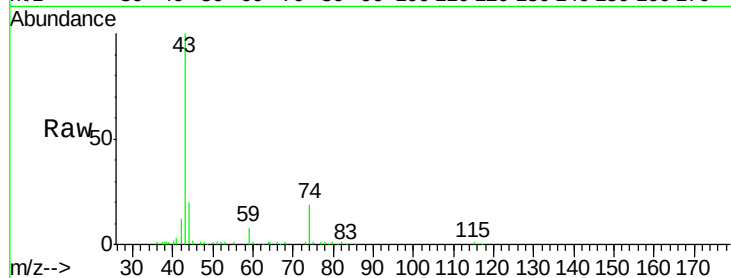




#18
Methyl Acetate
Concen: 4.52 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002587.D
Acq: 15 Jun 2018 07:48

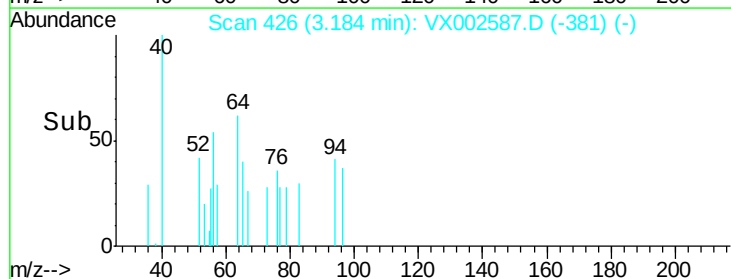
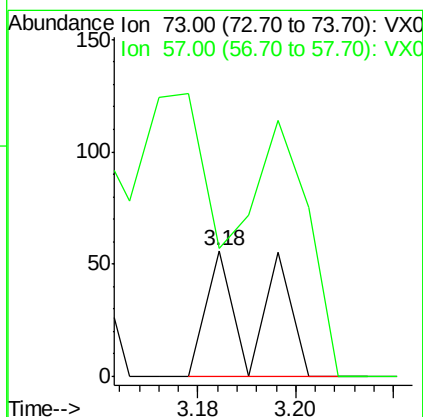
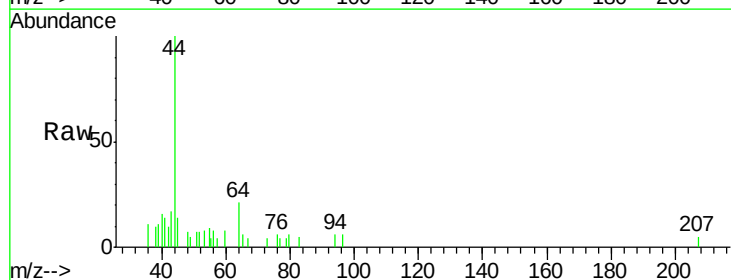
Instrument :
MSVOA_X
ClientSampled :

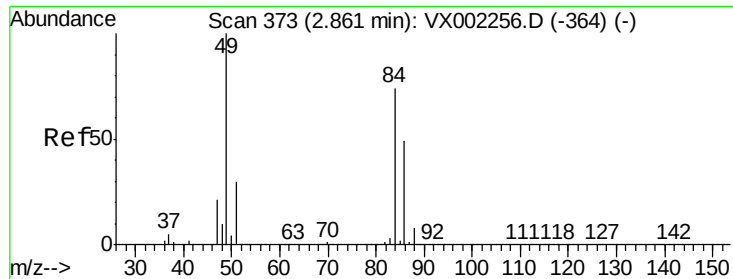
Tot Ion: 43 Resp: 22693
Ion Ratio Lower Upper
43 100
74 21.6 16.7 25.1



#19
Methyl tert-butyl Ether
Concen: Below Cal
RT: 3.18 min Scan# 426
Delta R.T. -0.02 min
Lab File: VX002587.D
Acq: 15 Jun 2018 07:48

Tgt Ion: 73 Resp: 41
Ion Ratio Lower Upper
73 100
57 101.8 17.7 26.5#

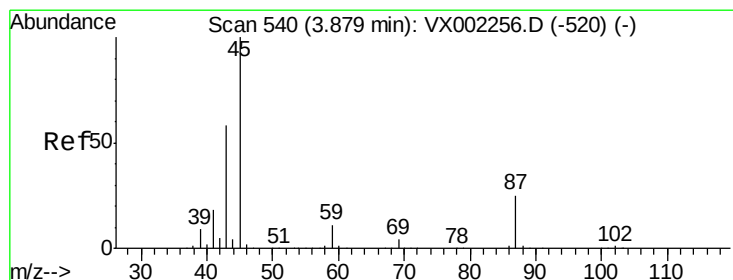
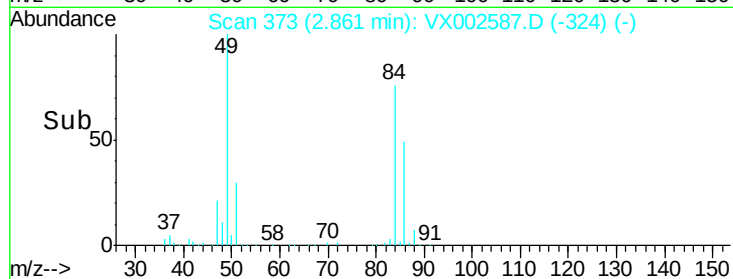
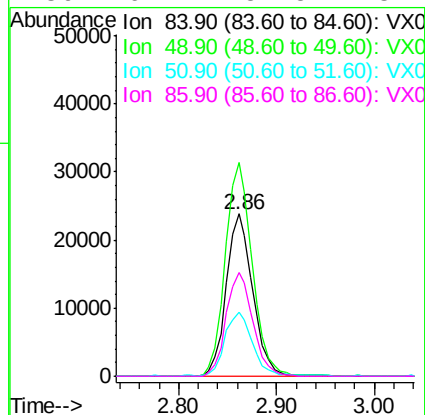
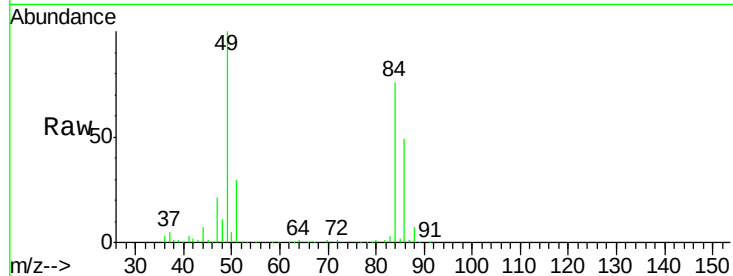




#20
Methylene Chloride
Concen: 15.53 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002587.D
Acq: 15 Jun 2018 07:48

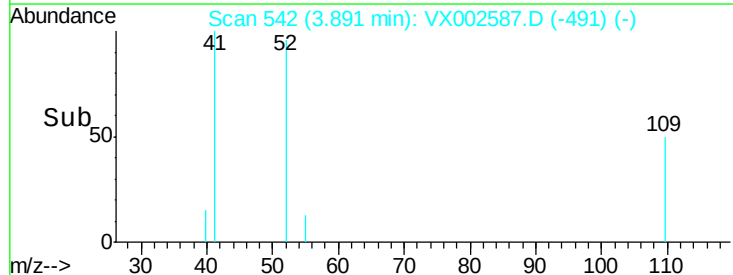
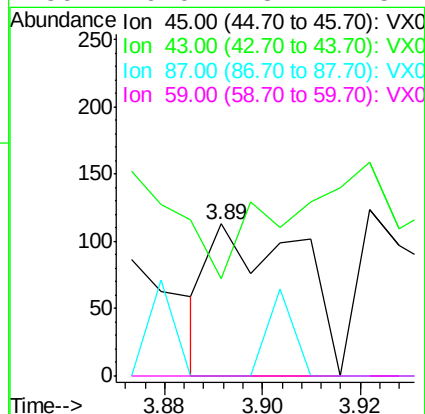
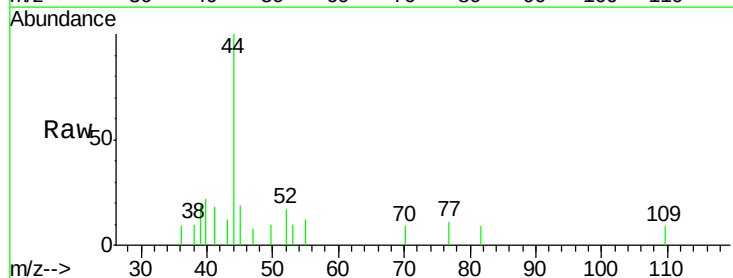
Instrument :
MSVOA_X
ClientSampleId :

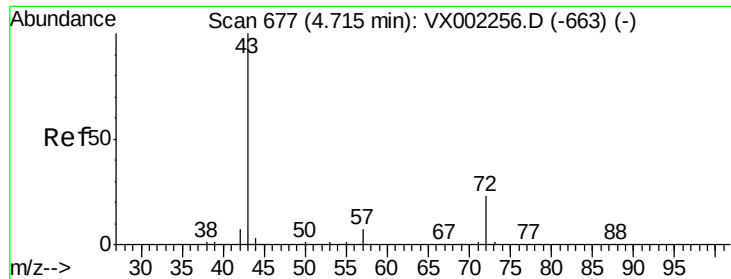
Tot Ion:	84	Resp:	44786
Ion	Ratio	Lower	Upper
84	100		
49	131.7	107.8	161.6
51	39.3	32.8	49.2
86	64.2	52.5	78.7



#22
Diisopropyl ether
Concen: Below Cal
RT: 3.89 min Scan# 542
Delta R.T. 0.01 min
Lab File: VX002587.D
Acq: 15 Jun 2018 07:48

Tgt Ion:	45	Resp:	143
Ion	Ratio	Lower	Upper
45	100		
43	0.0	46.8	70.2#
87	0.0	20.2	30.4#
59	0.0	8.7	13.1#





#25

2-Butanone

Concen: 1.36 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX002587.D

Acq: 15 Jun 2018 07:48

Instrument :

MSVOA_X

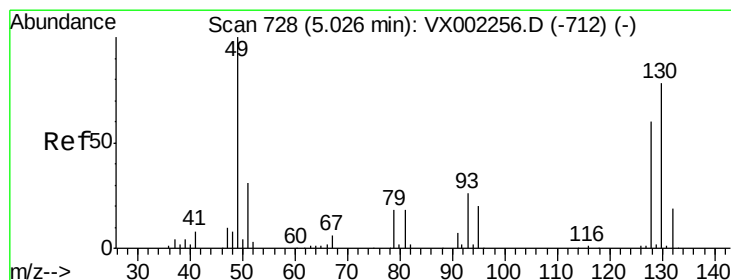
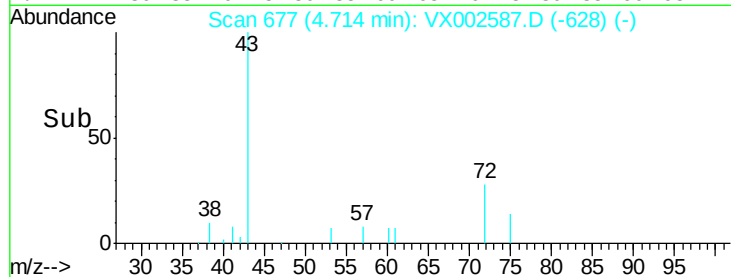
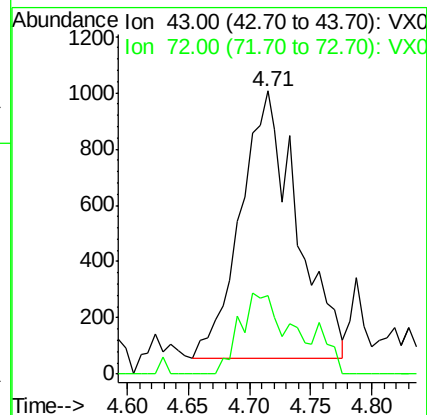
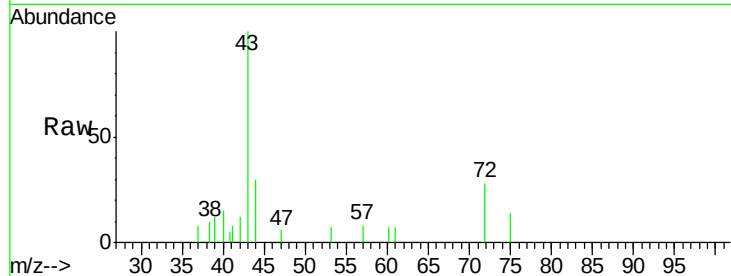
ClientSampleId :

Tot Ion: 43 Resp: 3025

Ion Ratio Lower Upper

43 100

72 29.3 18.5 27.7#



#28

Bromochloromethane

Concen: Below Cal

RT: 5.00 min Scan# 724

Delta R.T. -0.02 min

Lab File: VX002587.D

Acq: 15 Jun 2018 07:48

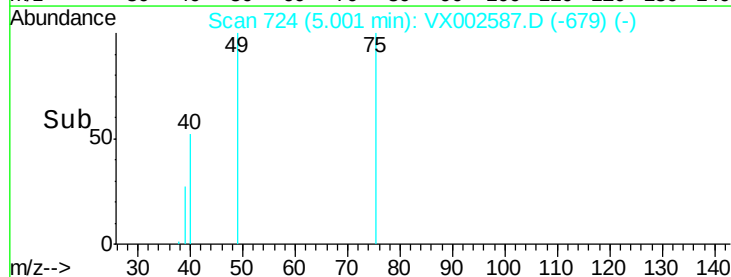
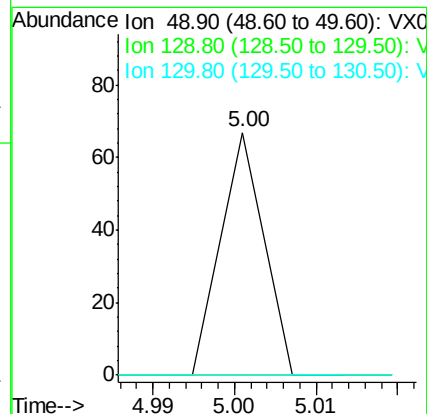
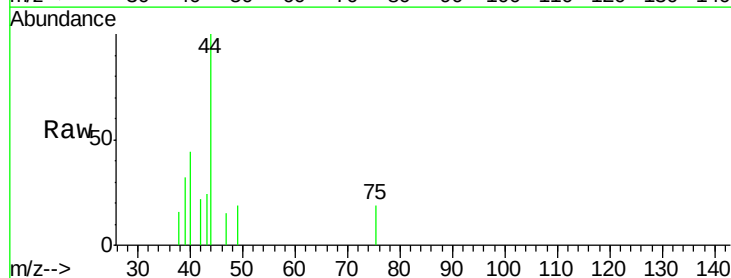
Tgt Ion: 49 Resp: 24

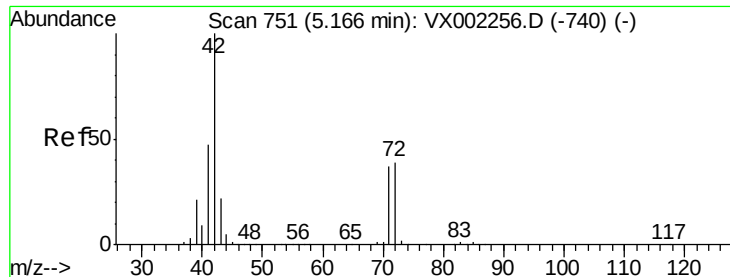
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

130 0.0 61.2 91.8#

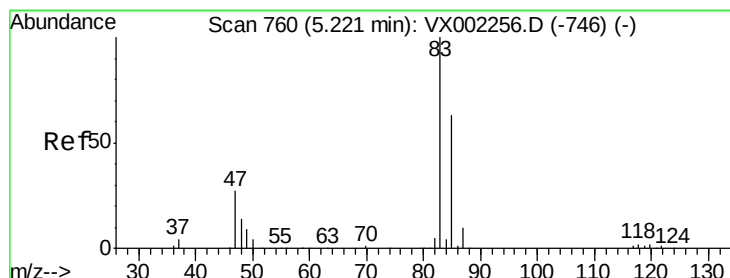
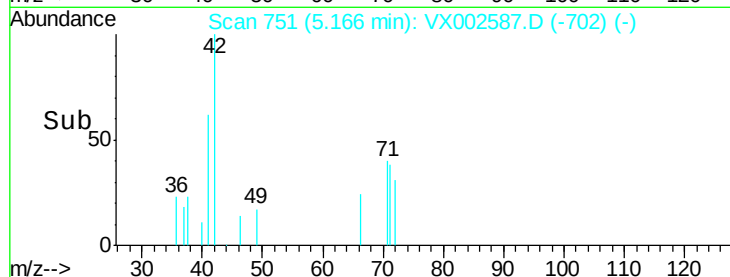
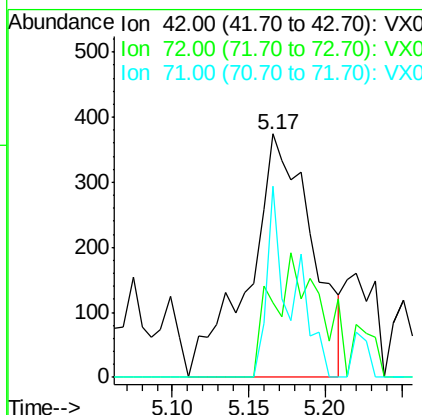
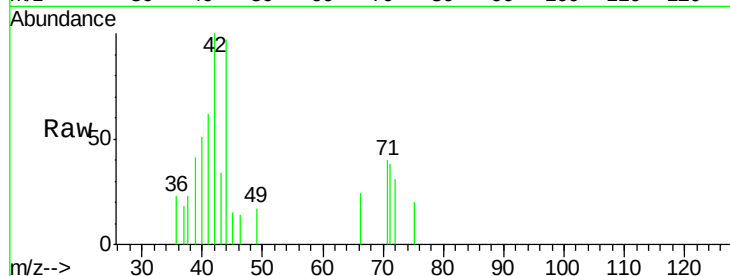




#29
Tetrahydrofuran
Concen: 0.75 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002587.D
Acq: 15 Jun 2018 07:48

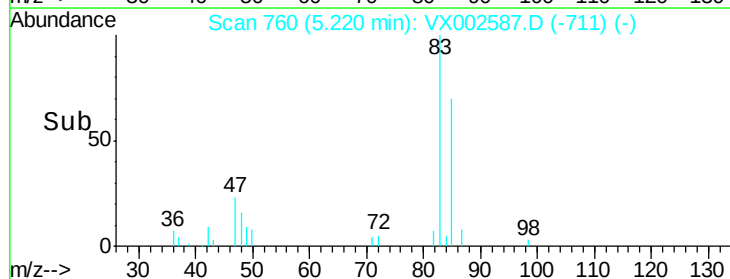
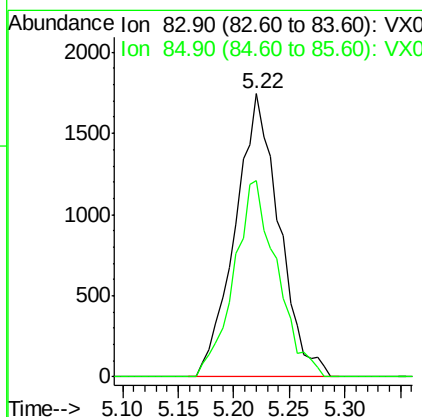
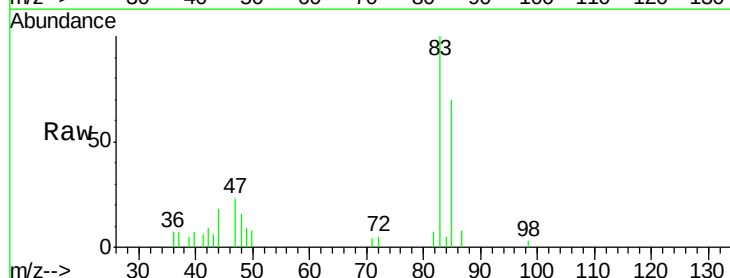
Instrument :
MSVOA_X
ClientSampled :

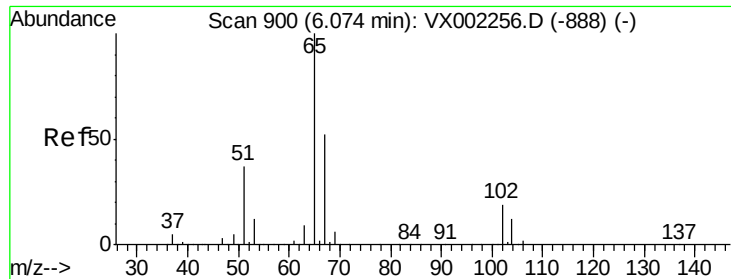
Tot Ion: 42 Resp: 1075
Ion Ratio Lower Upper
42 100
72 38.0 32.0 48.0
71 20.0 30.1 45.1#



#30
Chloroform
Concen: 0.96 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002587.D
Acq: 15 Jun 2018 07:48

Tgt Ion: 83 Resp: 4794
Ion Ratio Lower Upper
83 100
85 69.6 50.4 75.6

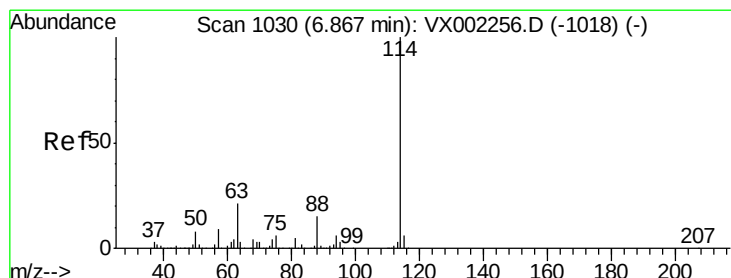
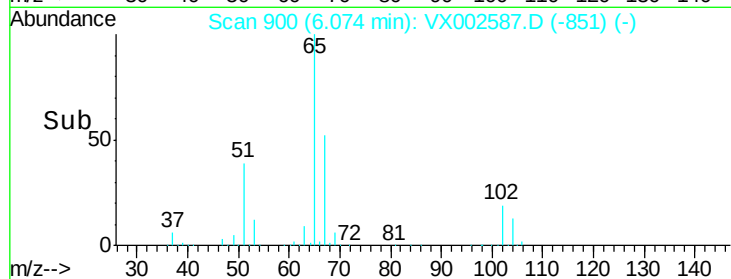
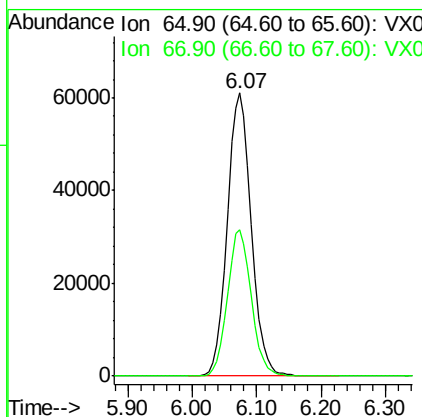
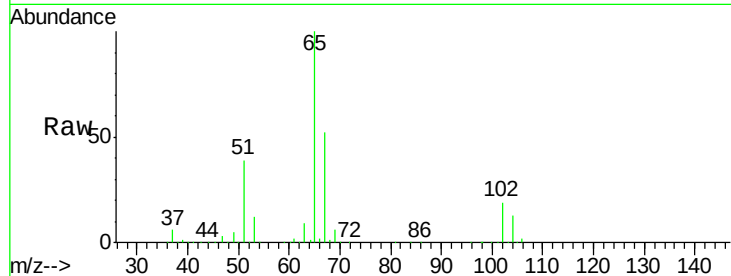




#33
 1,2-Dichloroethane-d4
 Concen: 49.13 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002587.D
 Acq: 15 Jun 2018 07:48

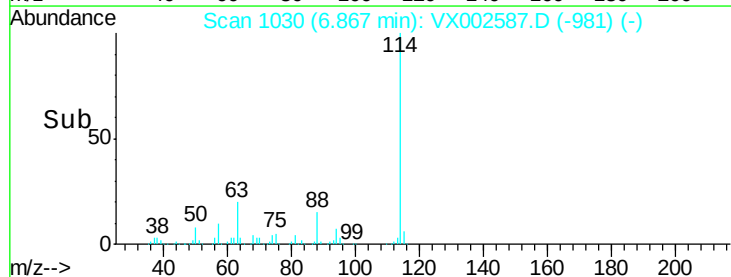
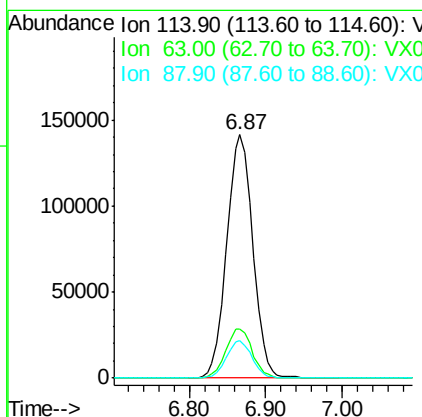
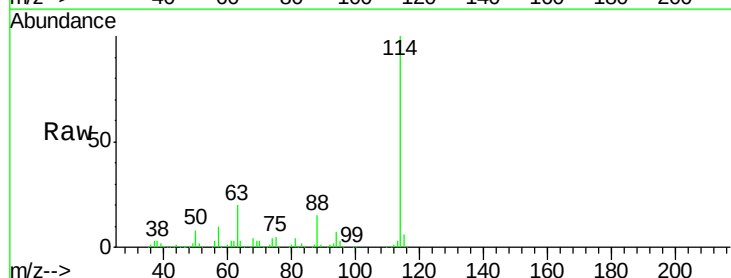
Instrument :
 MSVOA_X
 ClientSampleId :

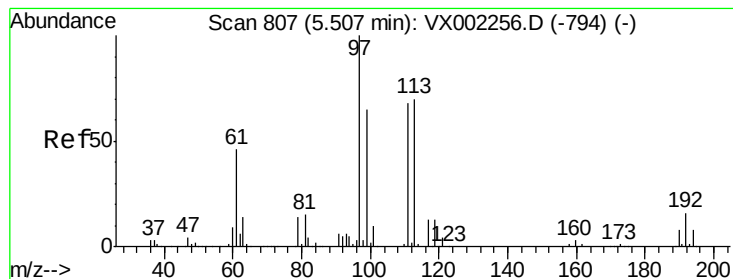
Tot Ion: 65 Resp: 159811
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002587.D
 Acq: 15 Jun 2018 07:48

Tgt Ion: 114 Resp: 333456
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 41.4
 88 15.2 0.0 30.0





#35

Dibromofluoromethane

Concen: 45.25 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX002587.D

Acq: 15 Jun 2018 07:48

Instrument :

MSVOA_X

ClientSampleId :

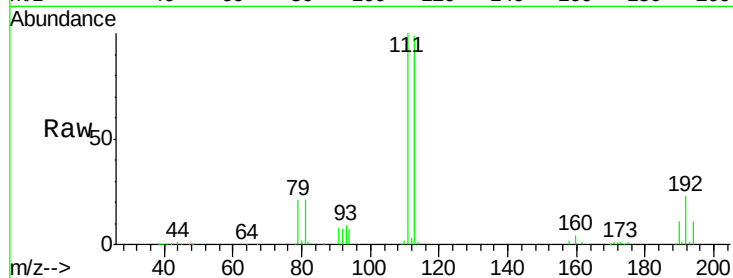
Tot Ion:113 Resp: 118648

Ion Ratio Lower Upper

113 100

111 103.0 81.4 122.0

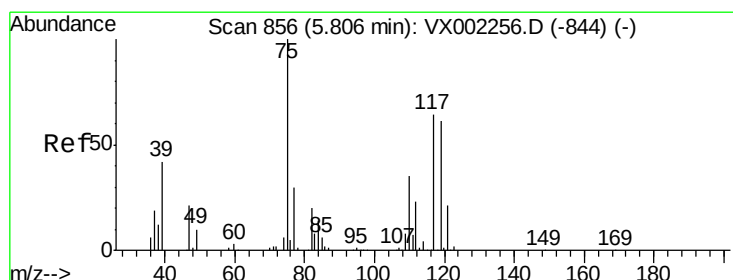
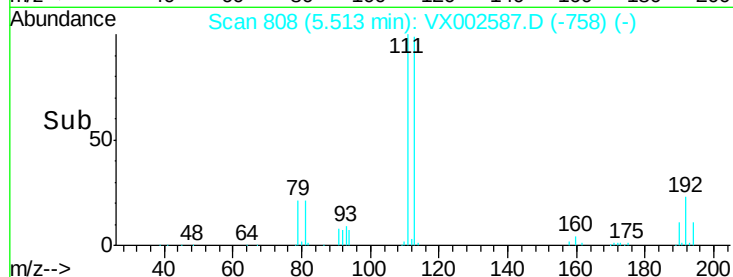
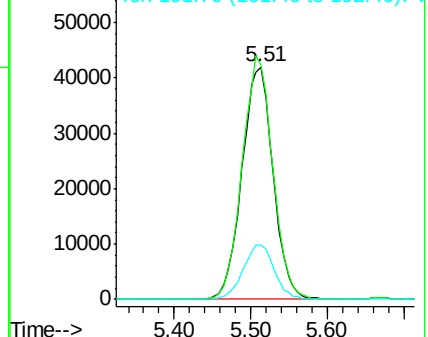
192 23.5 19.1 28.7



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: 4.78 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.14 min

Lab File: VX002587.D

Acq: 15 Jun 2018 07:48

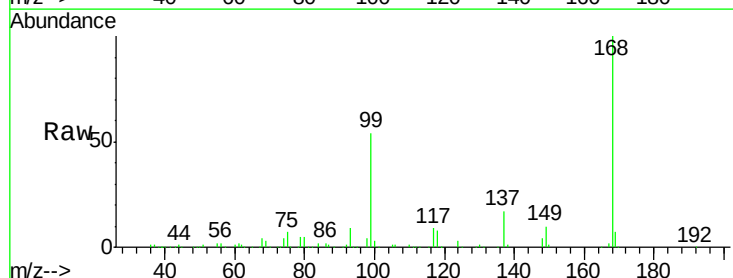
Tgt Ion: 75 Resp: 16762

Ion Ratio Lower Upper

75 100

110 10.5 18.1 54.4#

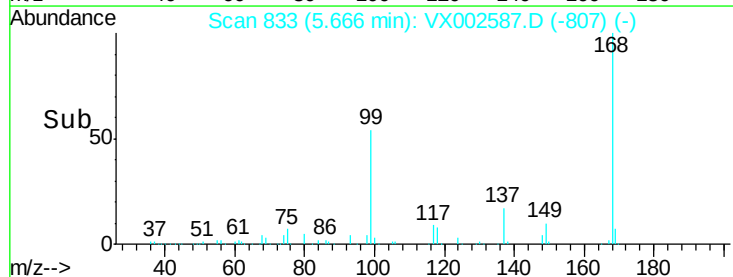
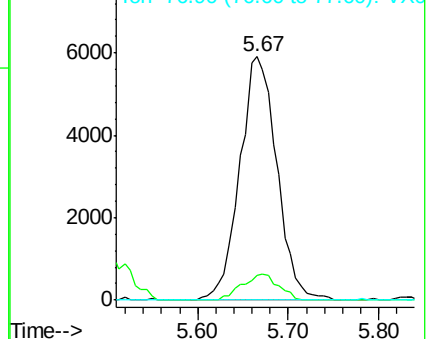
77 0.0 24.3 36.5#

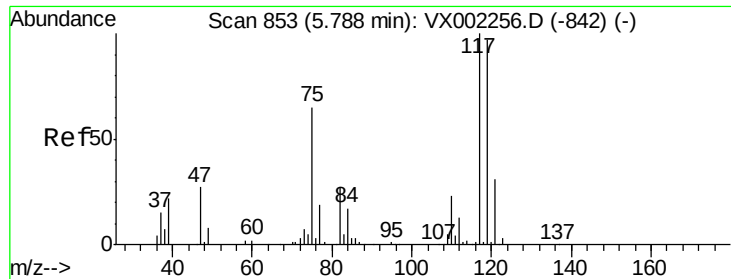


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 5.90 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX002587.D

Acq: 15 Jun 2018 07:48

Instrument :

MSVOA_X

ClientSampled :

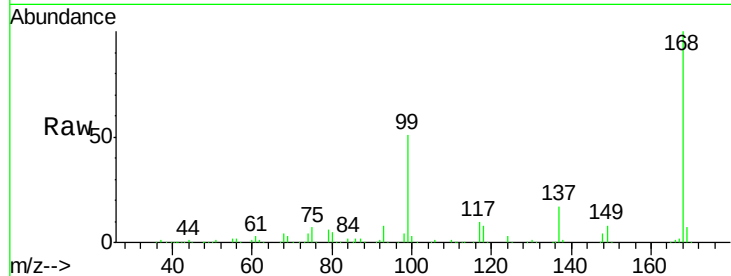
Tot Ion:117 Resp: 21628

Ion Ratio Lower Upper

117 100

119 5.1 77.4 116.0#

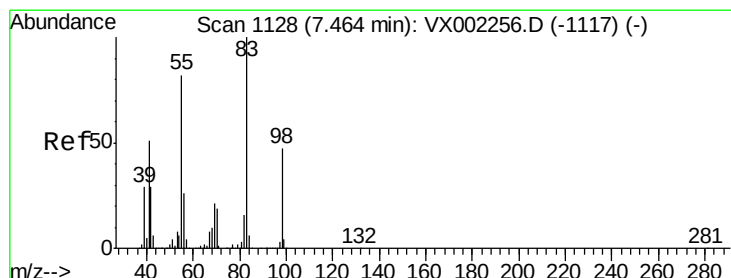
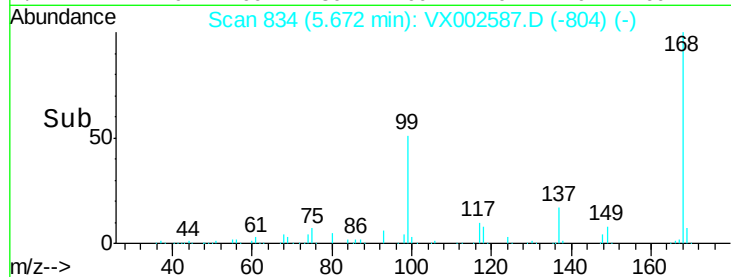
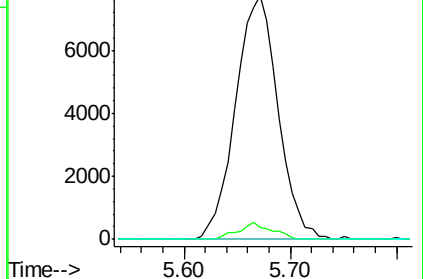
121 0.0 24.4 36.6#



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: 0.30 ug/l

RT: 7.46 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX002587.D

Acq: 15 Jun 2018 07:48

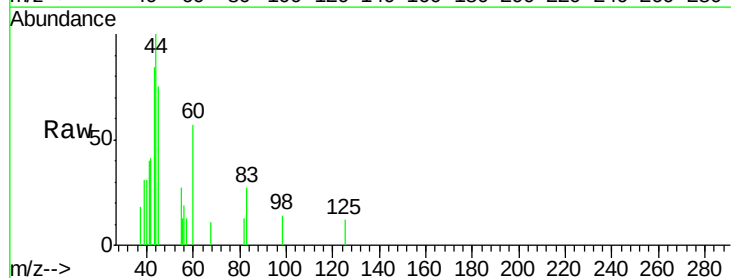
Tgt Ion: 83 Resp: 146

Ion Ratio Lower Upper

83 100

55 148.8 65.4 98.0#

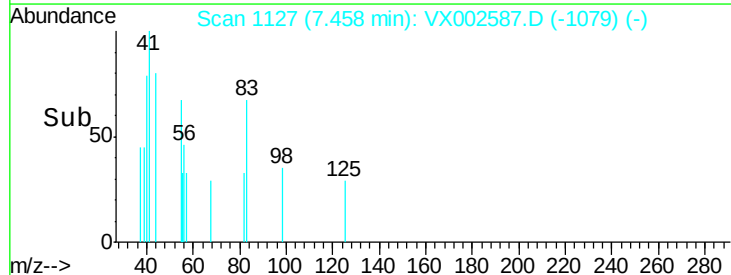
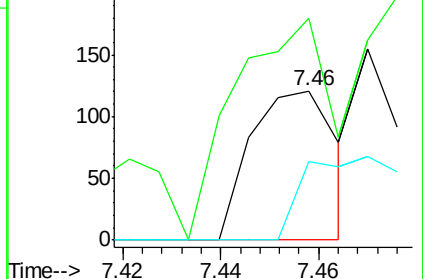
98 52.9 37.4 56.0

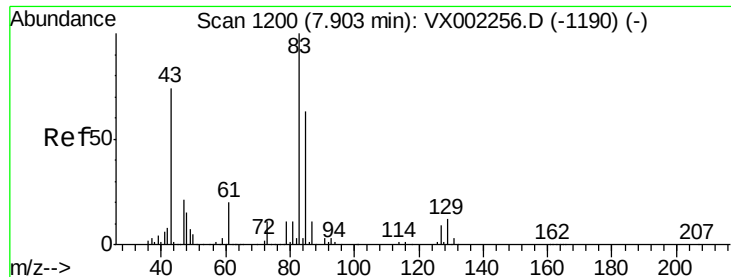


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#47

Bromodichloromethane

Concen: 0.44 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002587.D

Acq: 15 Jun 2018 07:48

Instrument :
MSVOA_X
ClientSampleId :

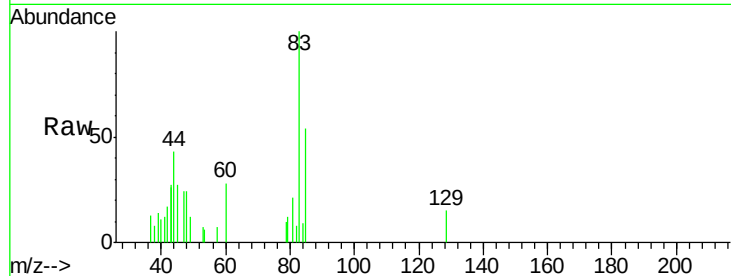
Tot Ion: 83 Resp: 1552

Ion Ratio Lower Upper

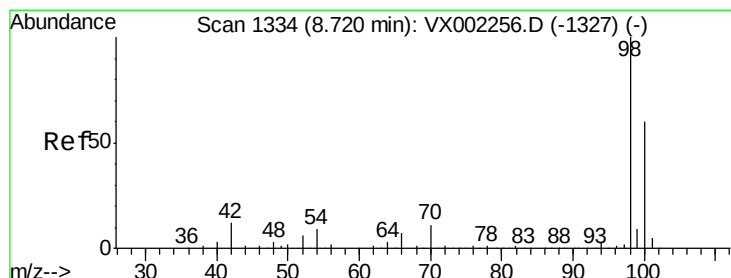
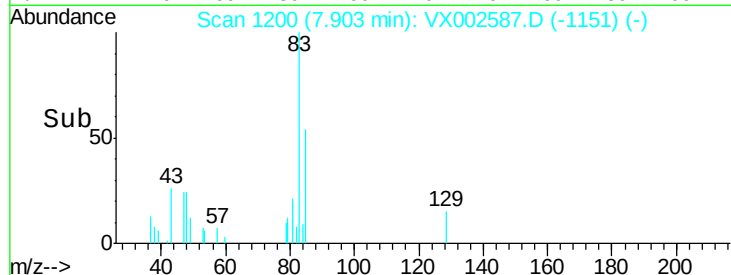
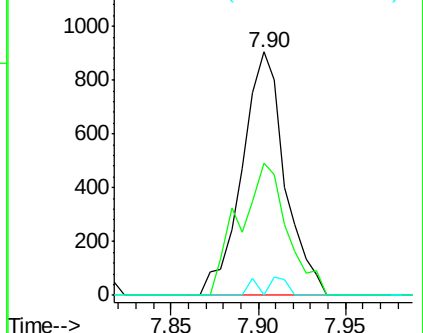
83 100

85 54.4 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



#50

Toluene-d8

Concen: 47.35 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002587.D

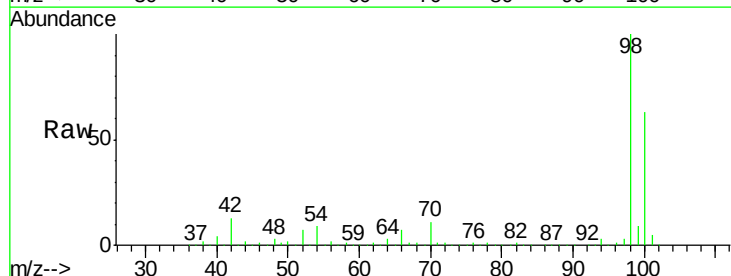
Acq: 15 Jun 2018 07:48

Tgt Ion: 98 Resp: 475905

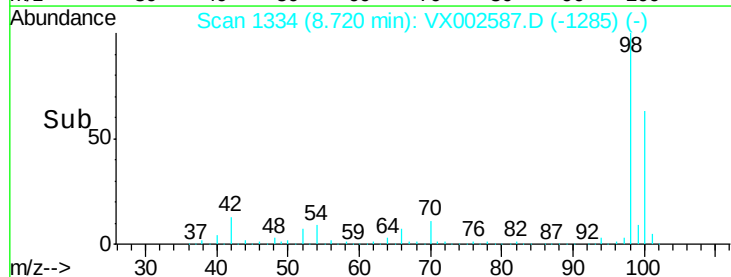
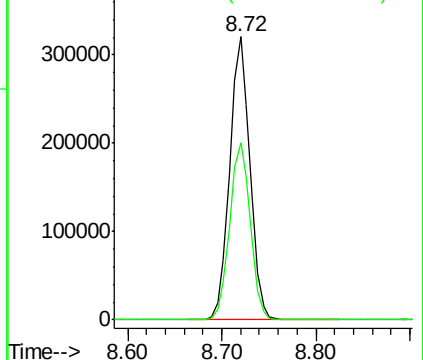
Ion Ratio Lower Upper

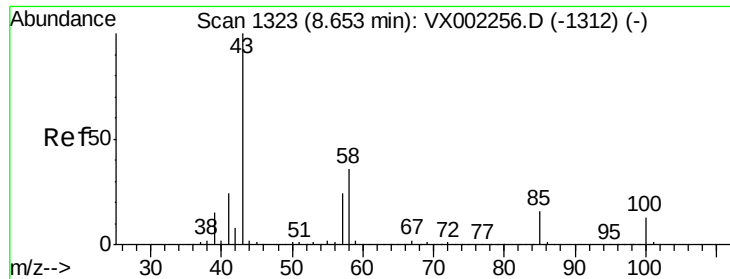
98 100

100 63.7 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 0.34 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002587.D

Acq: 15 Jun 2018 07:48

Instrument :

MSVOA_X

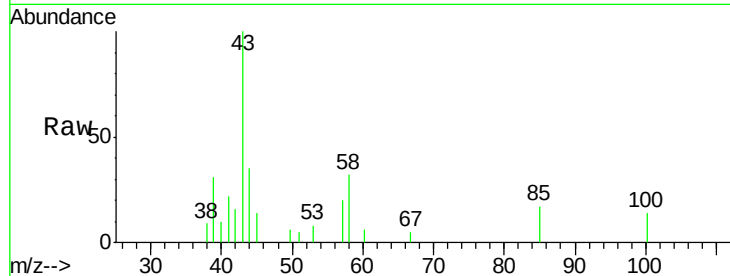
ClientSampleId :

Tot Ion: 43 Resp: 1515

Ion Ratio Lower Upper

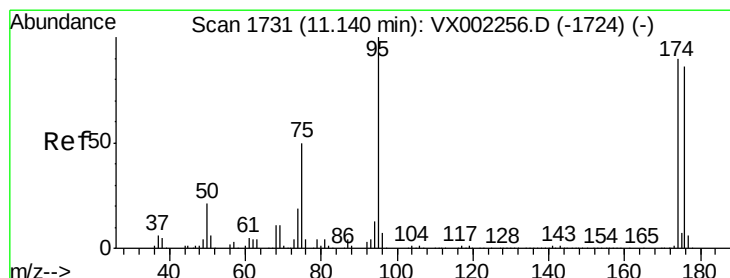
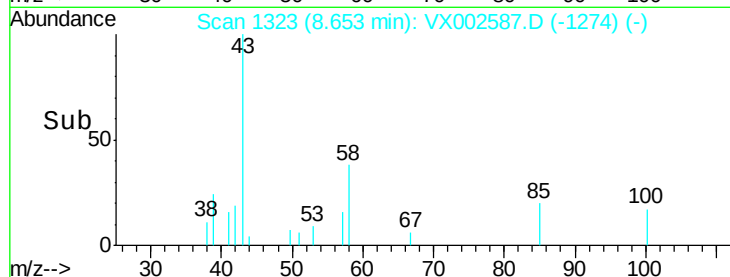
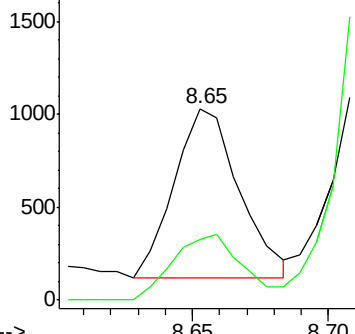
43 100

58 41.6 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#62

4-Bromofluorobenzene

Concen: 44.50 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002587.D

Acq: 15 Jun 2018 07:48

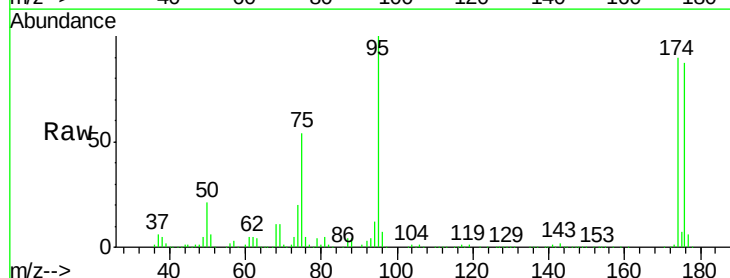
Tgt Ion: 95 Resp: 172489

Ion Ratio Lower Upper

95 100

174 93.2 0.0 187.4

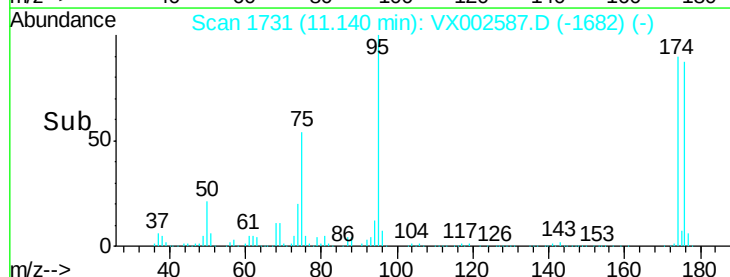
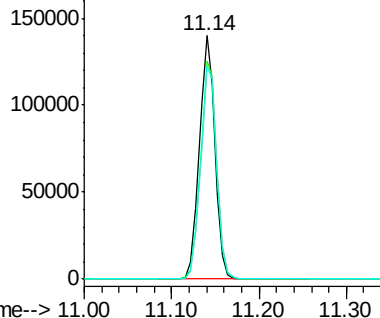
176 90.5 0.0 181.0

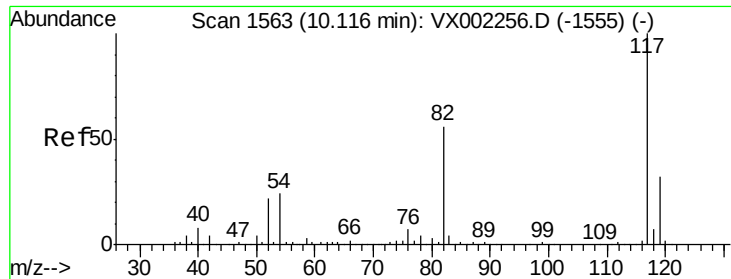


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

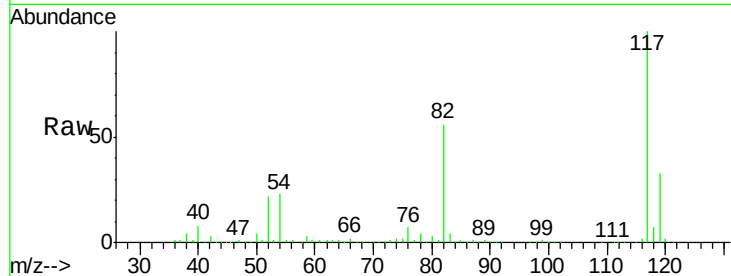




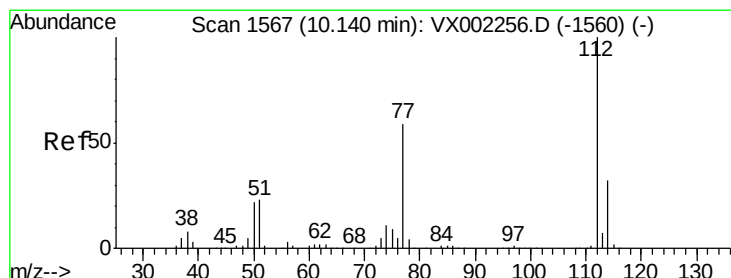
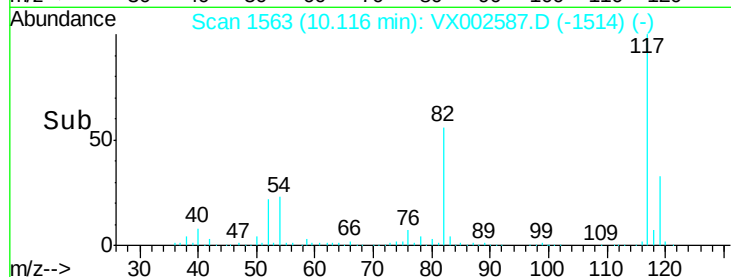
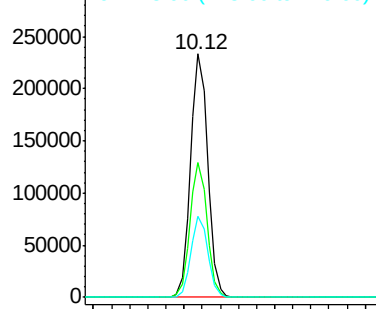
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002587.D
Acq: 15 Jun 2018 07:48

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 310773
Ion Ratio Lower Upper
117 100
82 55.6 45.0 67.4
119 33.1 25.8 38.6

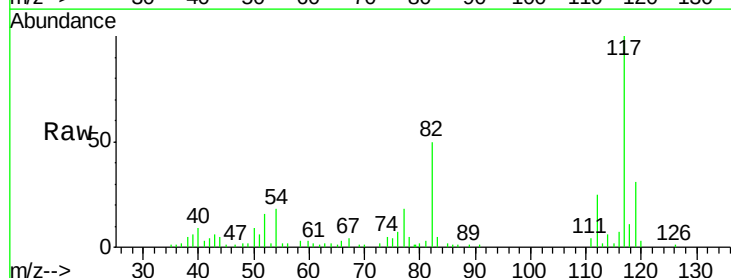


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

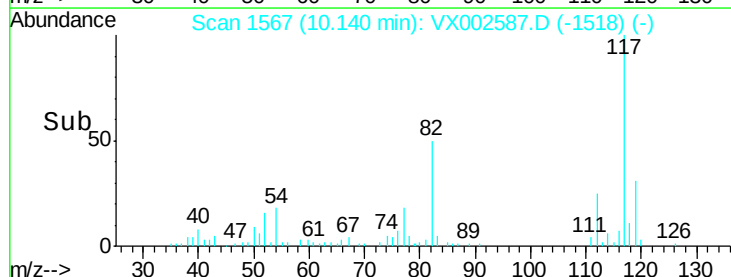
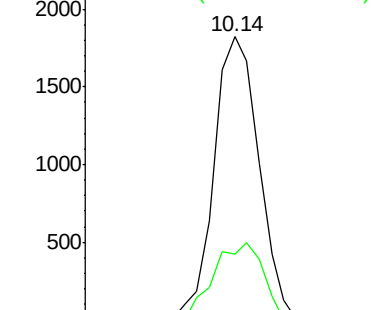


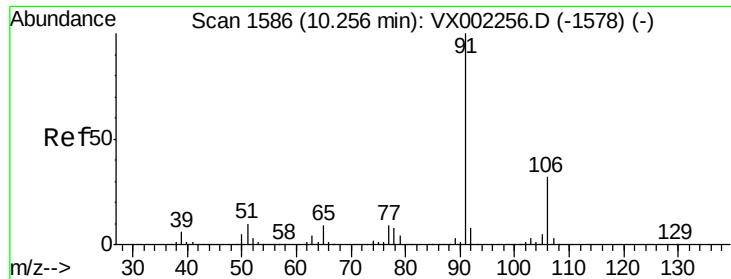
#65
Chlorobenzene
Concen: 0.36 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002587.D
Acq: 15 Jun 2018 07:48

Tgt Ion:112 Resp: 2773
Ion Ratio Lower Upper
112 100
114 23.0 25.3 37.9#



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

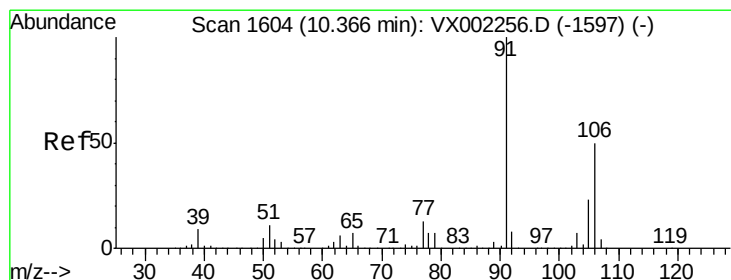
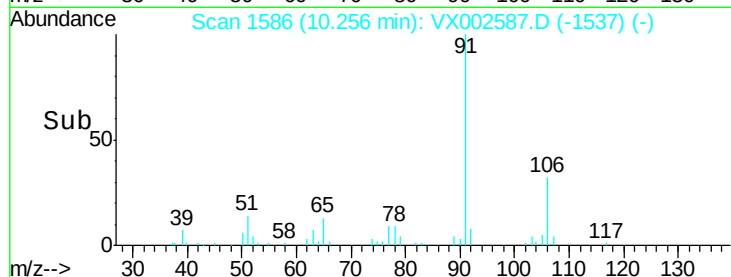
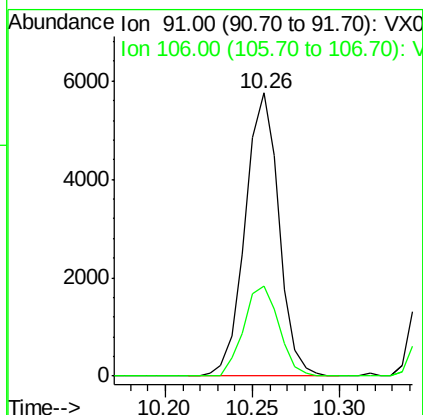
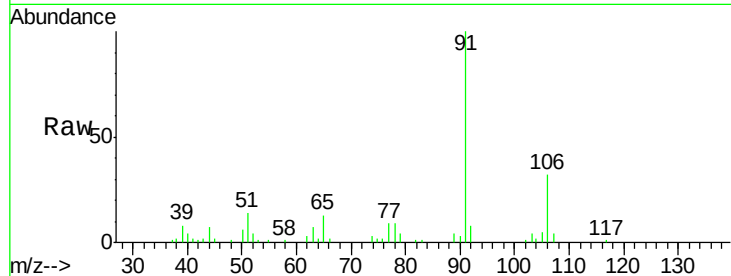




#67
Ethyl Benzene
Concen: 0.60 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002587.D
Acq: 15 Jun 2018 07:48

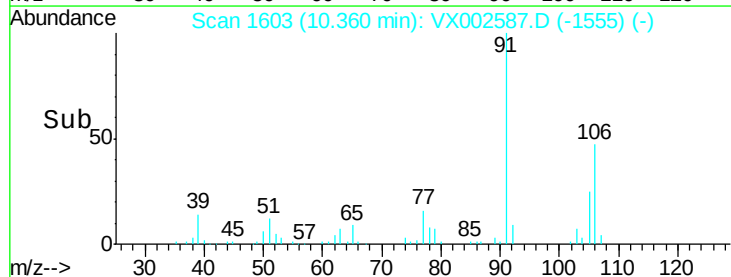
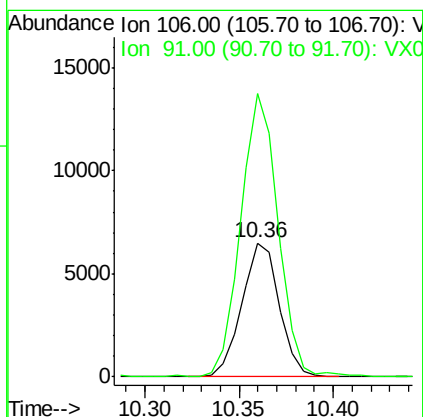
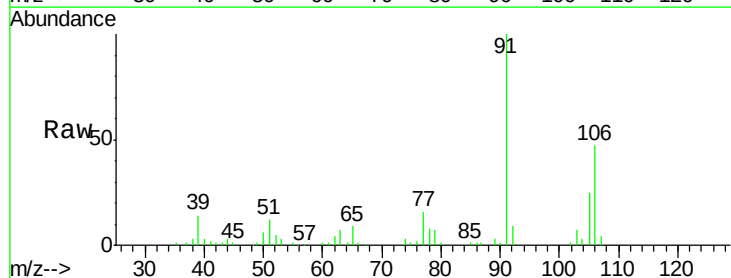
Instrument :
MSVOA_X
ClientSampleId :

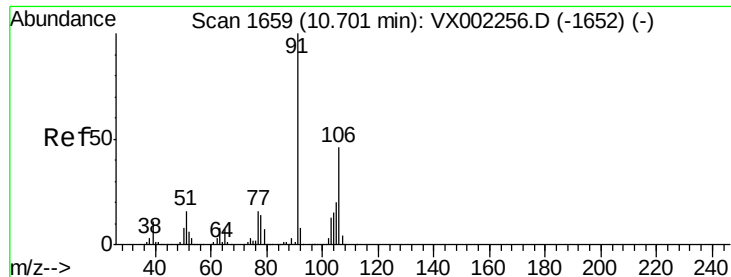
Tot Ion: 91 Resp: 7753
Ion Ratio Lower Upper
91 100
106 31.9 25.5 38.3



#68
m/p-Xylenes
Concen: 1.77 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX002587.D
Acq: 15 Jun 2018 07:48

Tgt Ion: 106 Resp: 8926
Ion Ratio Lower Upper
106 100
91 211.5 163.4 245.2

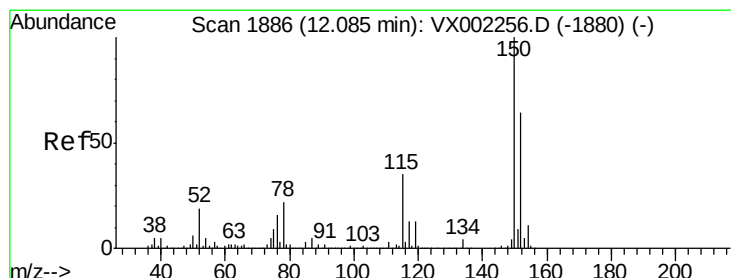
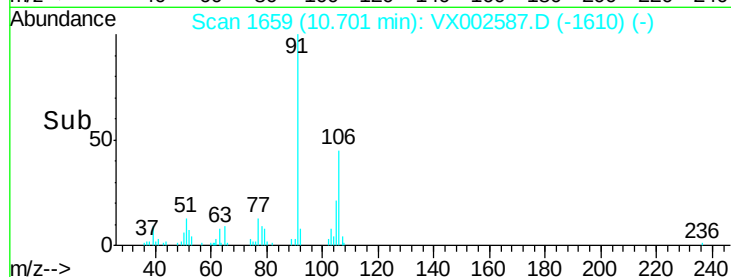
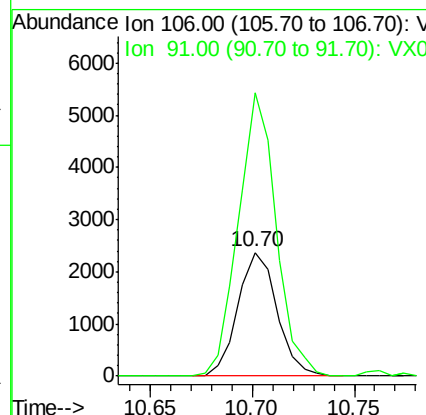
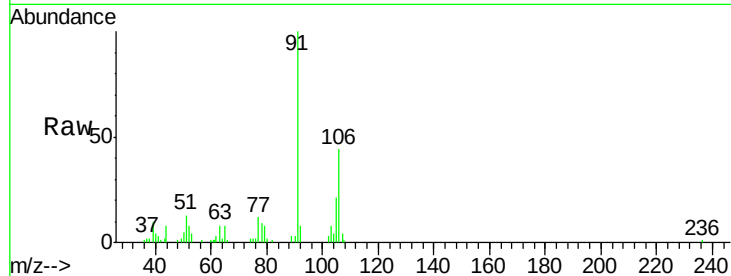




#69
o-Xylene
Concen: 0.63 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002587.D
Acq: 15 Jun 2018 07:48

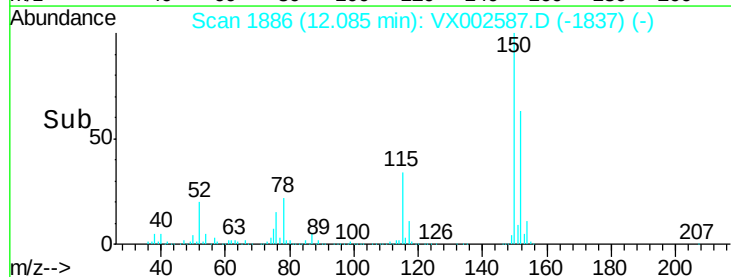
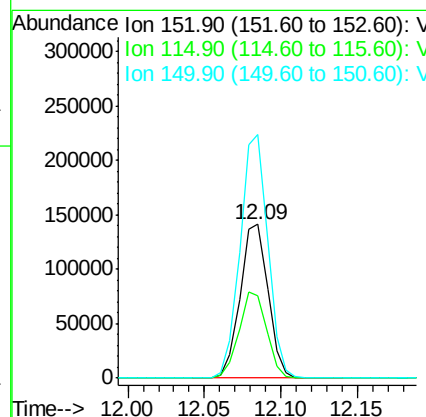
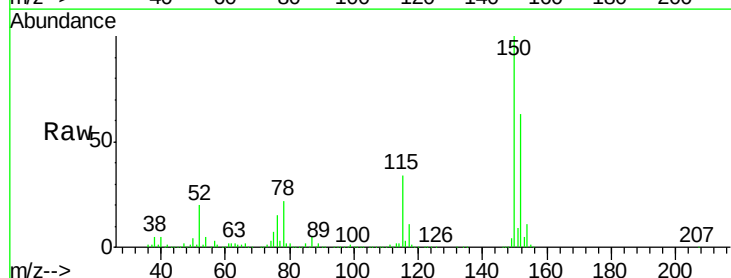
Instrument :
MSVOA_X
ClientSampleId :

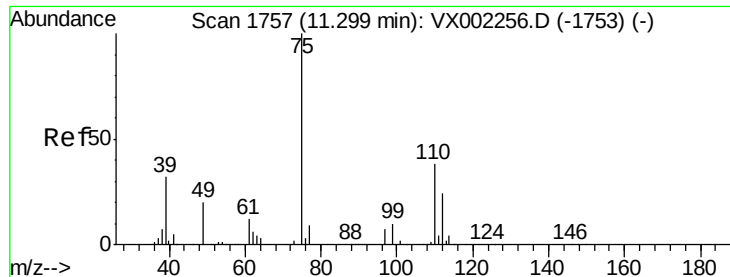
Tot Ion:106 Resp: 3162
Ion Ratio Lower Upper
106 100
91 220.2 108.2 324.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002587.D
Acq: 15 Jun 2018 07:48

Tgt Ion:152 Resp: 178437
Ion Ratio Lower Upper
152 100
115 55.8 40.1 120.2
150 157.4 0.0 347.2

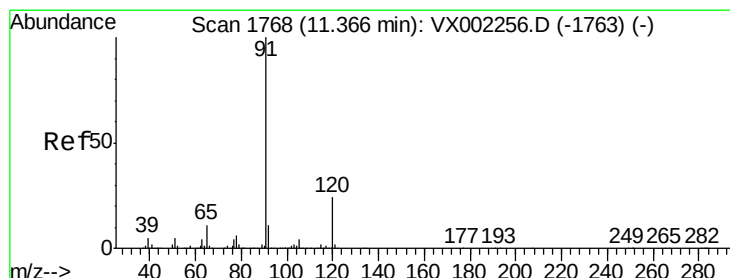
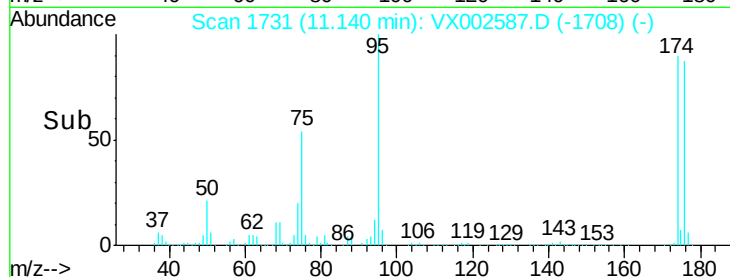
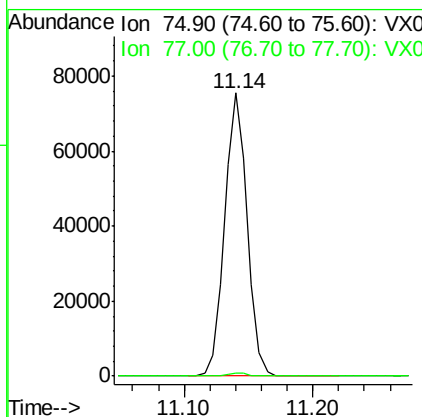
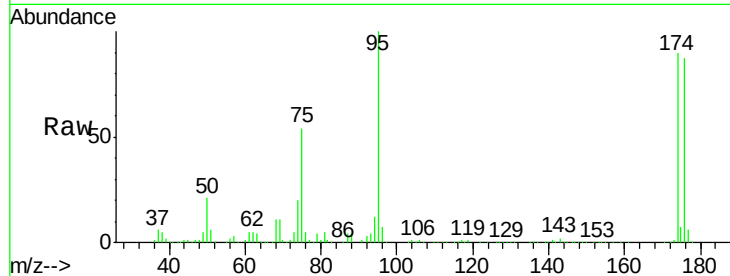




#76
 1,2,3-Trichloropropane
 Concen: 23.70 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX002587.D
 Acq: 15 Jun 2018 07:48

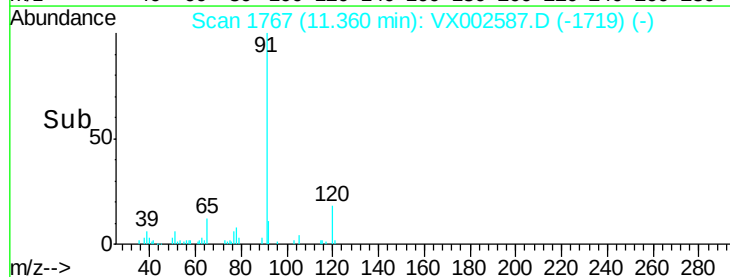
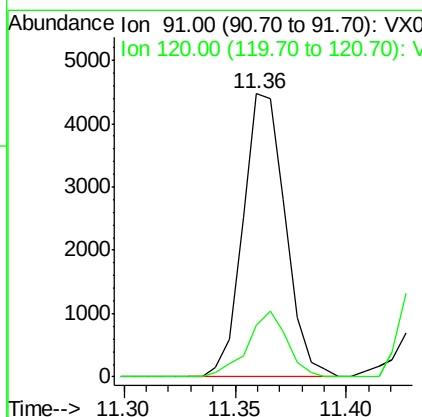
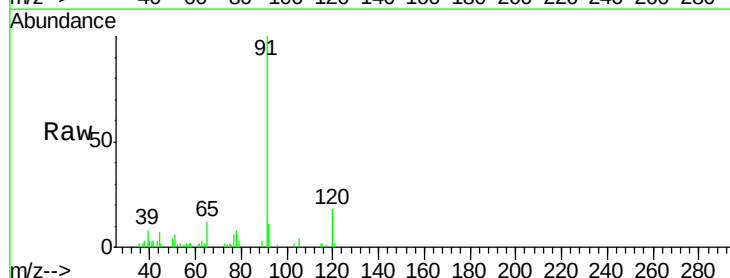
Instrument :
 MSVOA_X
 ClientSampled :

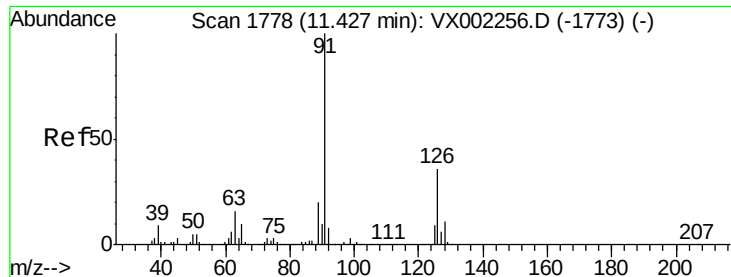
Tot Ion: 75 Resp: 92800
 Ion Ratio Lower Upper
 75 100
 77 1.1 22.8 68.3#



#78
 n-propylbenzene
 Concen: 0.43 ug/l
 RT: 11.36 min Scan# 1767
 Delta R.T. -0.01 min
 Lab File: VX002587.D
 Acq: 15 Jun 2018 07:48

Tgt Ion: 91 Resp: 5941
 Ion Ratio Lower Upper
 91 100
 120 21.5 11.8 35.4





#79

2-Chlorotoluene

Concen: 0.37 ug/l

RT: 11.44 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VX002587.D

Acq: 15 Jun 2018 07:48

Instrument :

MSVOA_X

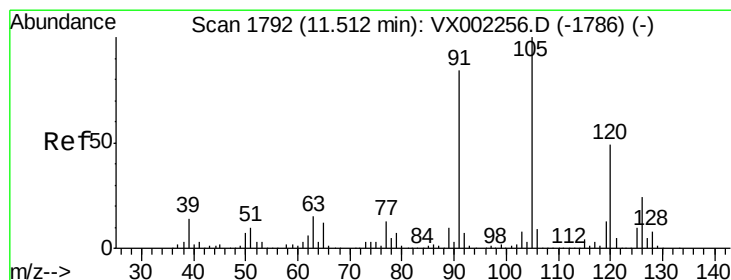
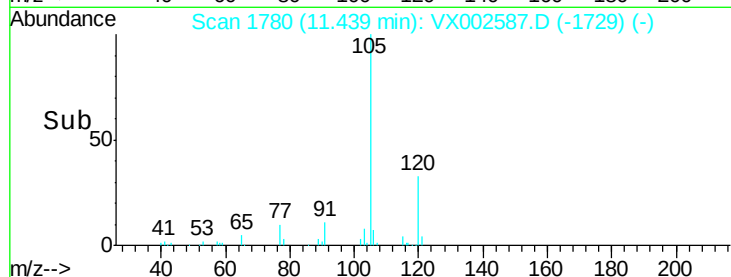
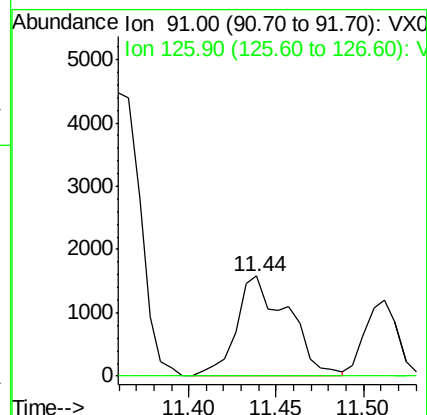
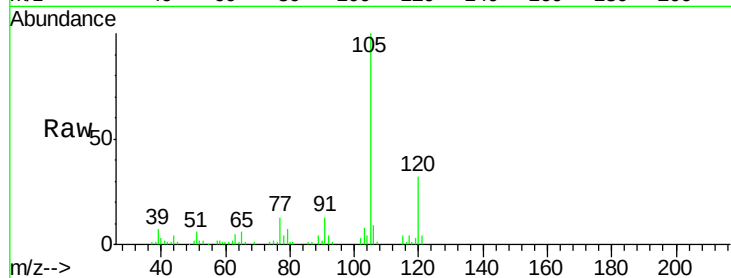
ClientSampled :

Tot Ion: 91 Resp: 3248

Ion Ratio Lower Upper

91 100

126 0.0 17.7 53.1#



#80

1,3,5-Trimethylbenzene

Concen: 1.10 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002587.D

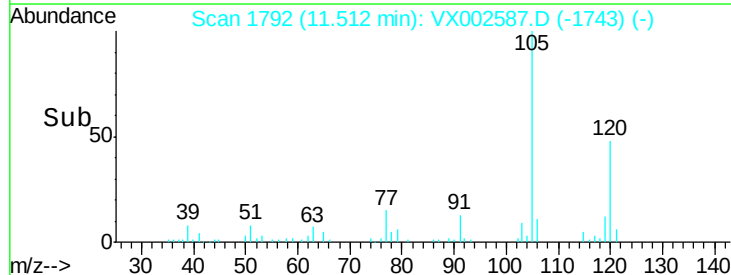
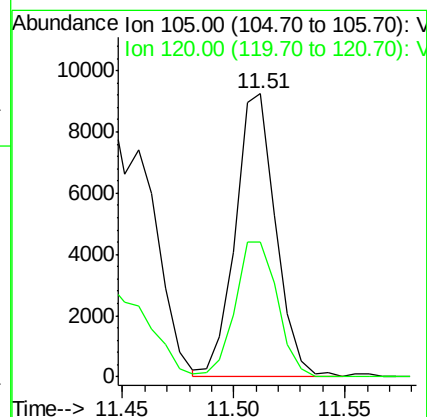
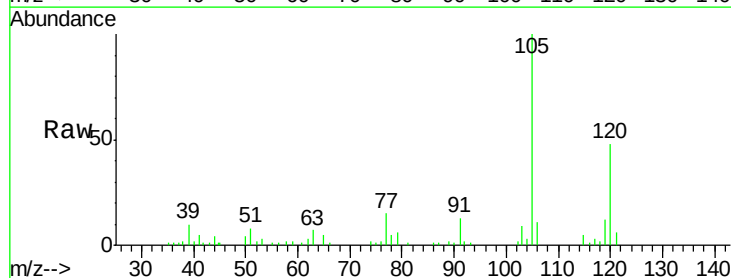
Acq: 15 Jun 2018 07:48

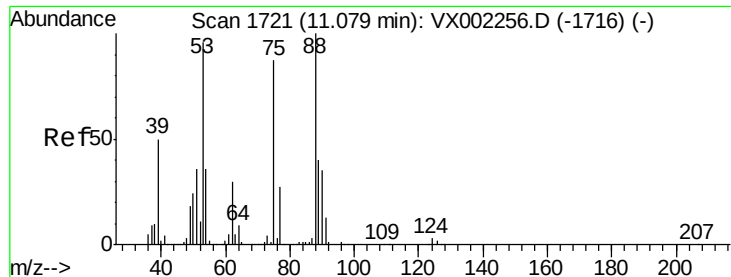
Tgt Ion: 105 Resp: 11692

Ion Ratio Lower Upper

105 100

120 49.9 24.4 73.4

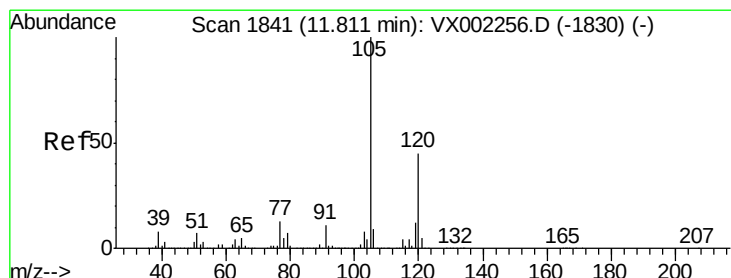
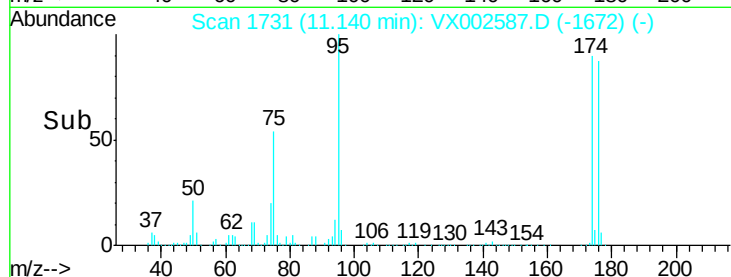
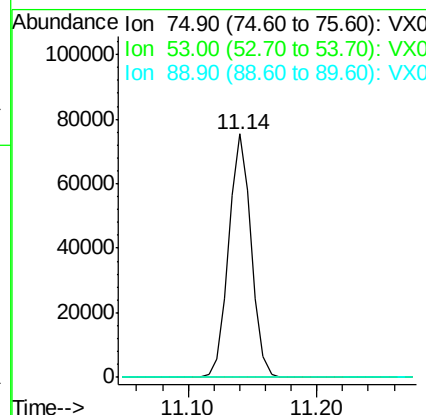
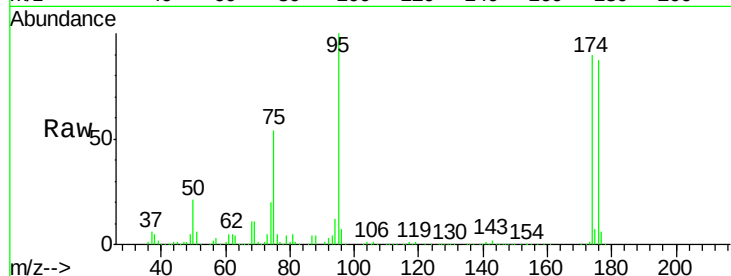




#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.08 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX002587.D
 Acq: 15 Jun 2018 07:48

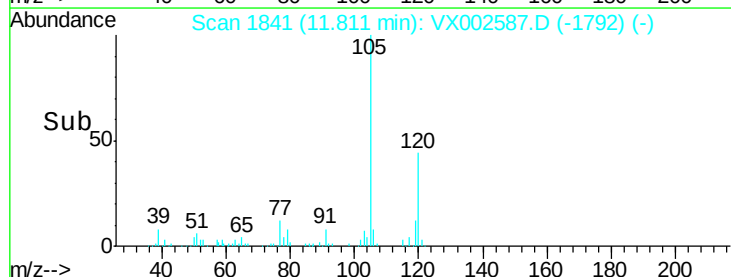
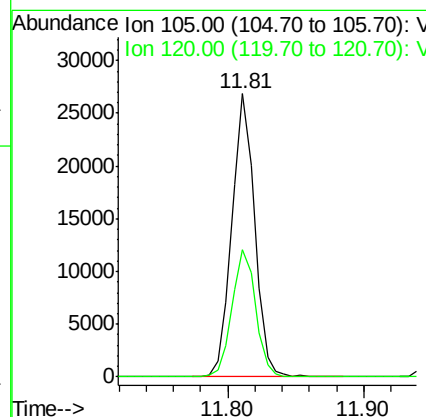
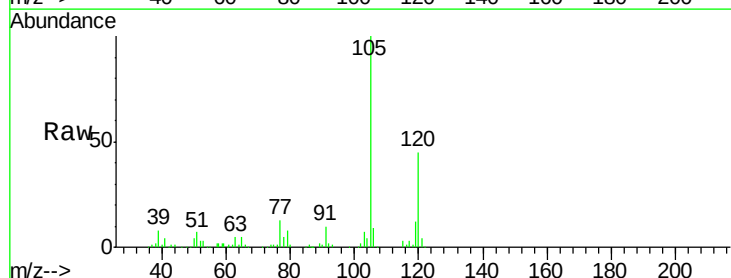
Instrument :
 MSVOA_X
 ClientSampled :

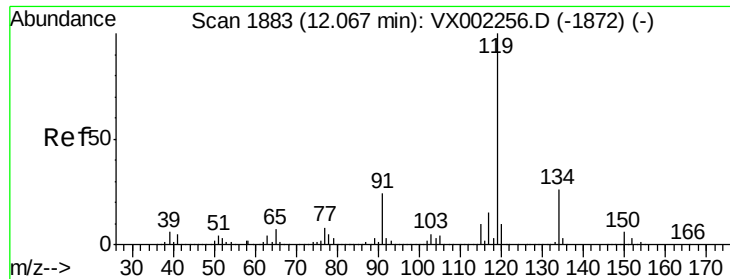
Tot Ion: 75 Resp: 92800
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.8 130.2#
 89 0.0 38.2 57.2#



#84
 1,2,4-Trimethylbenzene
 Concen: 2.85 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002587.D
 Acq: 15 Jun 2018 07:48

Tgt Ion: 105 Resp: 31279
 Ion Ratio Lower Upper
 105 100
 120 46.3 22.3 66.8

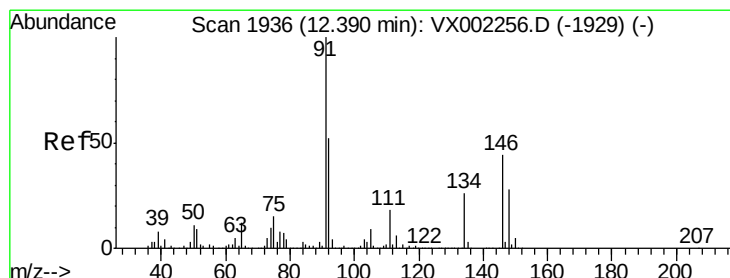
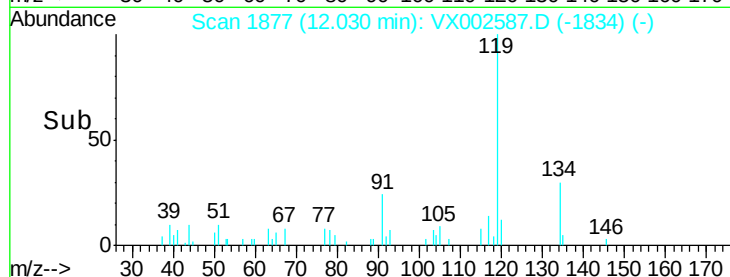
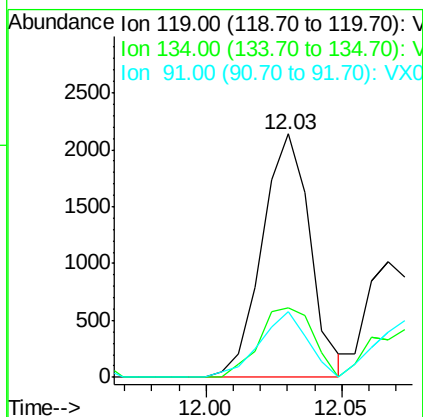
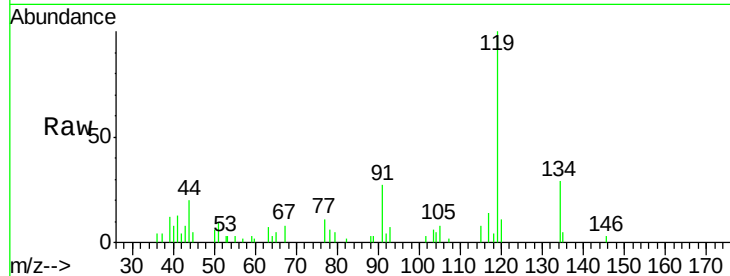




#86
 p-Isopropyltoluene
 Concen: 0.24 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.04 min
 Lab File: VX002587.D
 Acq: 15 Jun 2018 07:48

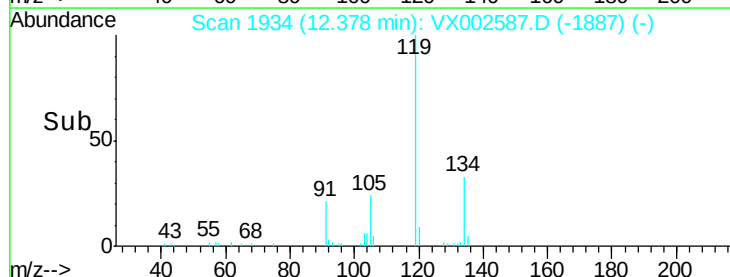
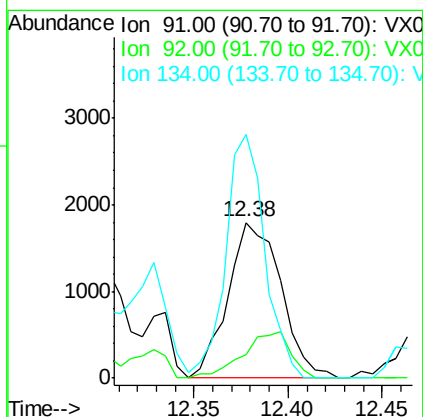
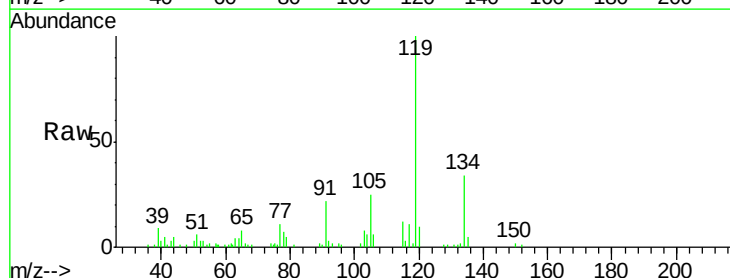
Instrument :
 MSVOA_X
 ClientSampled :

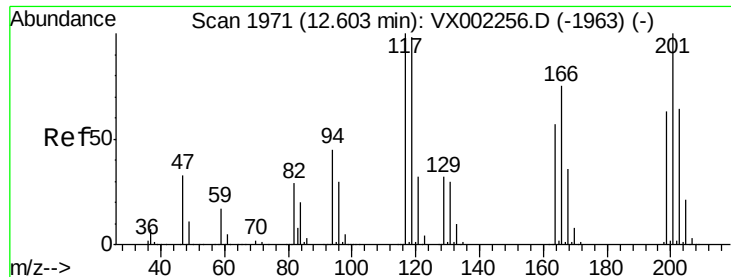
Tot Ion:119 Resp: 2616
 Ion Ratio Lower Upper
 119 100
 134 32.3 13.4 40.1
 91 26.9 11.9 35.7



#89
 n-Butylbenzene
 Concen: 0.38 ug/l
 RT: 12.38 min Scan# 1934
 Delta R.T. -0.01 min
 Lab File: VX002587.D
 Acq: 15 Jun 2018 07:48

Tgt Ion: 91 Resp: 3508
 Ion Ratio Lower Upper
 91 100
 92 26.8 26.0 78.0
 134 114.7 13.5 40.5#





#90

Hexachloroethane

Concen: 0.31 ug/l

RT: 12.62 min Scan# 1973

Delta R.T. 0.01 min

Lab File: VX002587.D

Acq: 15 Jun 2018 07:48

Instrument :

MSVOA_X

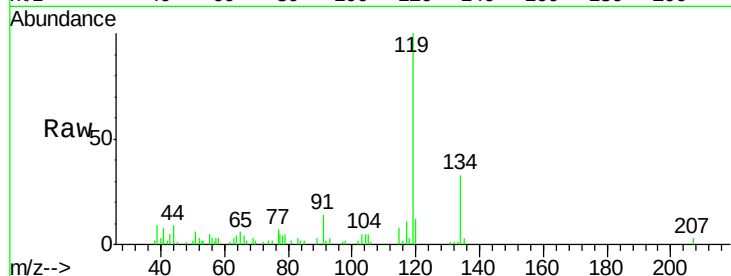
ClientSampleId :

Tot Ion:117 Resp: 547

Ion Ratio Lower Upper

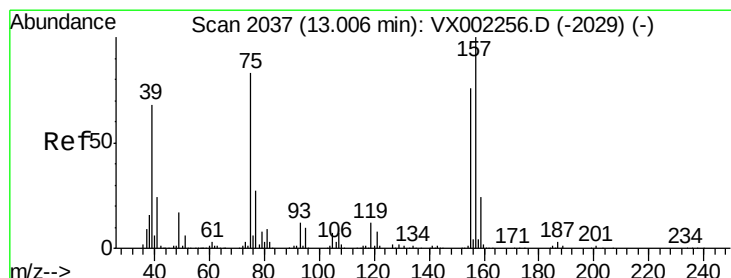
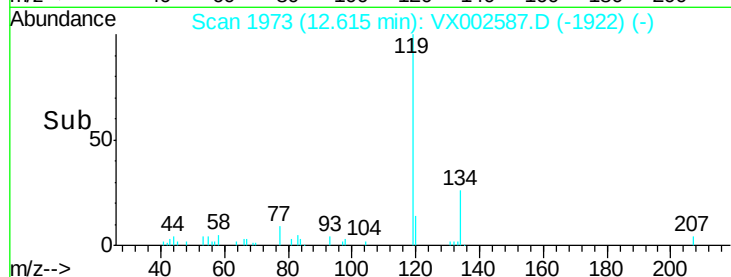
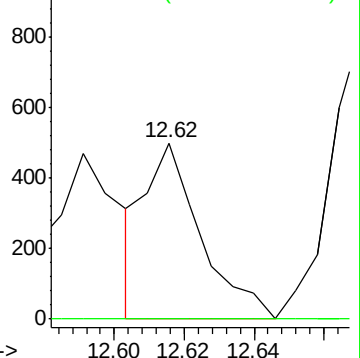
117 100

201 0.0 49.0 147.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.20 ug/l

RT: 12.99 min Scan# 2034

Delta R.T. -0.02 min

Lab File: VX002587.D

Acq: 15 Jun 2018 07:48

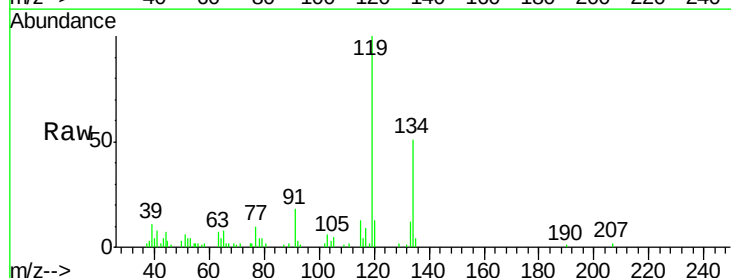
Tgt Ion: 75 Resp: 174

Ion Ratio Lower Upper

75 100

155 36.8 45.8 137.4#

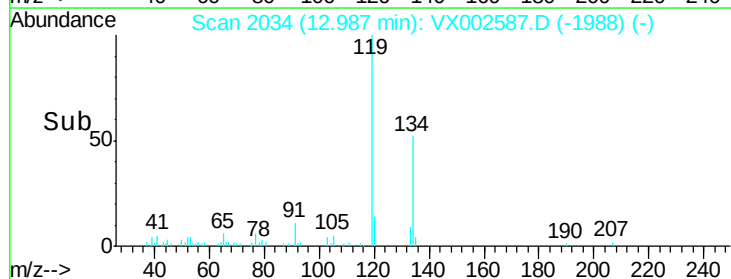
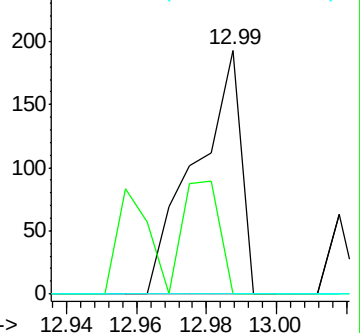
157 0.0 60.1 180.3#

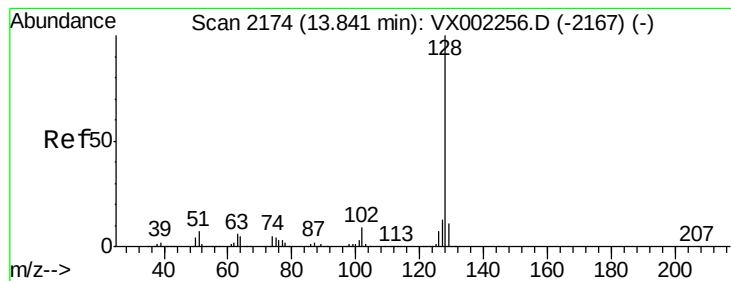


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 1.60 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002587.D

Acq: 15 Jun 2018 07:48

Instrument :

MSVOA_X

ClientSampleId :

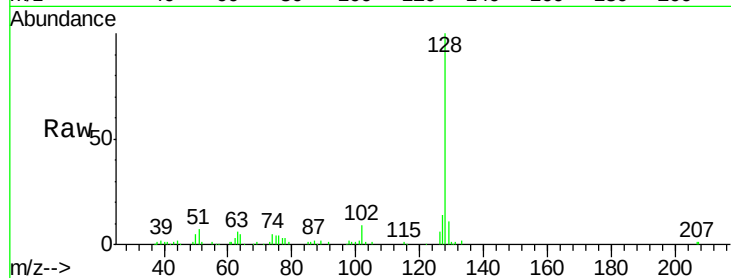
Tot Ion:128 Resp: 20822

Ion Ratio Lower Upper

128 100

127 15.1 10.4 15.6

129 12.3 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

