

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070518\
 Data File : VX003178.D
 Acq On : 05 Jul 2018 17:53
 Operator : JC/MD
 Sample : J3842-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S10-0149

Quant Time: Jul 06 01:19:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	256376	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	356753	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	338252	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	189000	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	162770	45.93	ug/l	0.00
Spiked Amount			Recovery	=	91.86%	
35) Dibromofluoromethane	5.51	113	134717	47.68	ug/l	0.00
Spiked Amount			Recovery	=	95.36%	
50) Toluene-d8	8.72	98	507656	49.21	ug/l	0.00
Spiked Amount			Recovery	=	98.42%	
62) 4-Bromofluorobenzene	11.14	95	173815	43.69	ug/l	0.00
Spiked Amount			Recovery	=	87.38%	

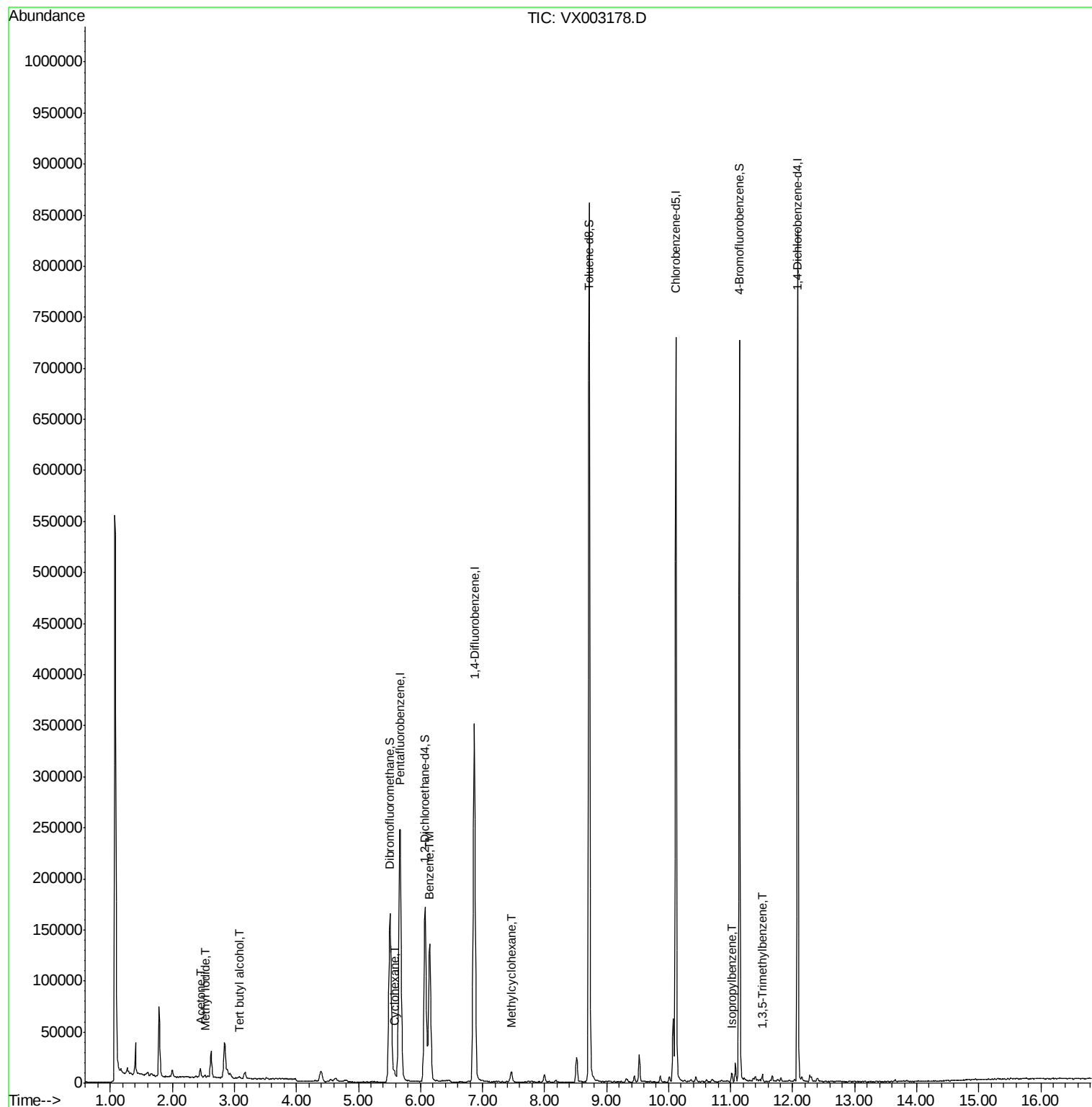
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.53	142	2494	6.99	ug/l	# 97
11) Tert butyl alcohol	3.07	59	2821	4.00	ug/l	97
16) Acetone	2.45	43	9157	6.24	ug/l	96
31) Cyclohexane	5.58	56	5863	1.32	ug/l	98
39) Methylcyclohexane	7.47	83	3995	0.88	ug/l	96
40) Benzene	6.15	78	158873	13.98	ug/l	99
73) Isopropylbenzene	11.02	105	3872	0.30	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	2622	0.24	ug/l	95

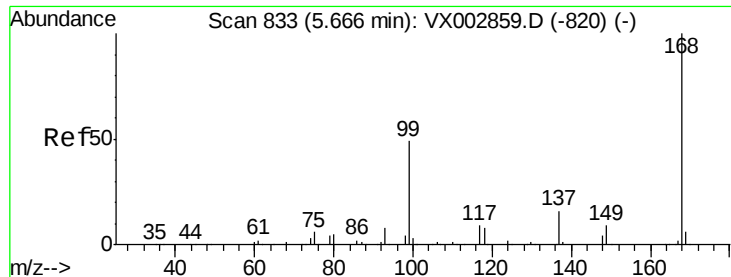
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: Jul 06 01:19:35 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003178.D

Acq: 05 Jul 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

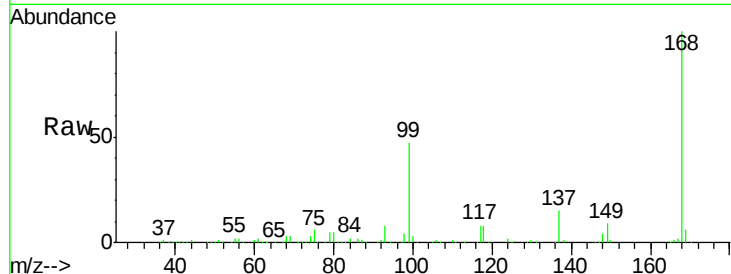
S10-0149

Tot Ion:168 Resp: 256376

Ion Ratio Lower Upper

168 100

99 47.3 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

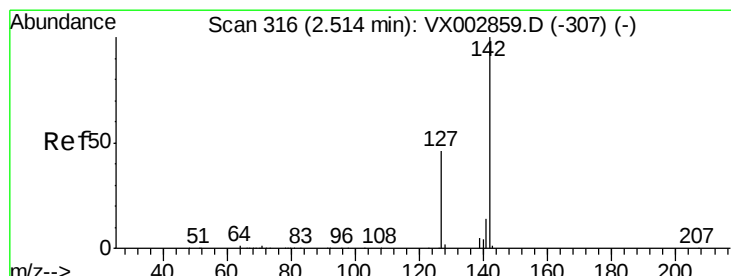
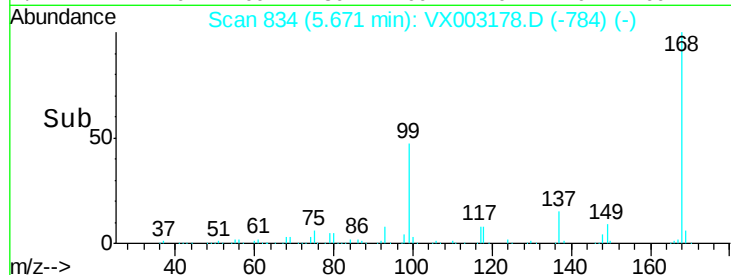
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#10

Methyl Iodide

Concen: 6.99 ug/l

RT: 2.53 min Scan# 318

Delta R.T. 0.01 min

Lab File: VX003178.D

Acq: 05 Jul 2018 17:53

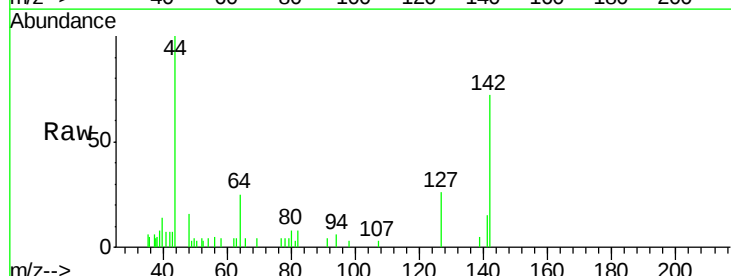
Tgt Ion:142 Resp: 2494

Ion Ratio Lower Upper

142 100

127 46.5 36.6 55.0

141 17.5 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

2.53

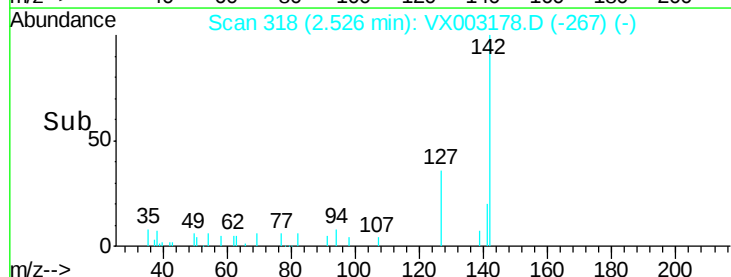
1500

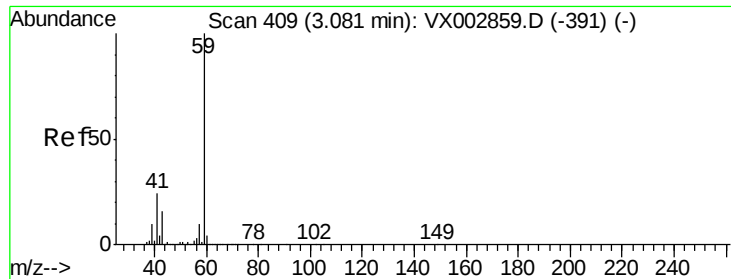
1000

500

0

Time--> 2.45 2.50 2.55 2.60

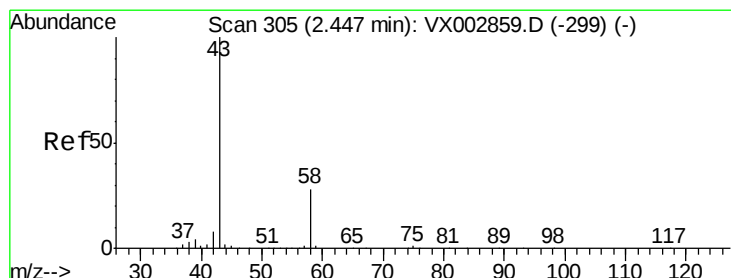
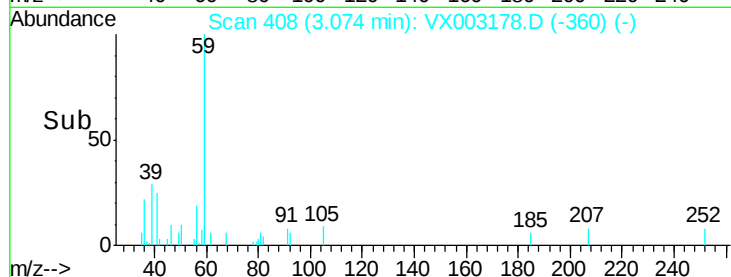
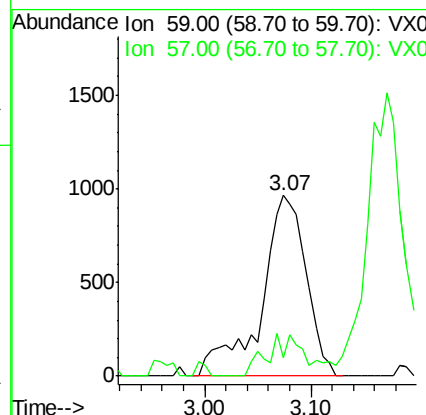
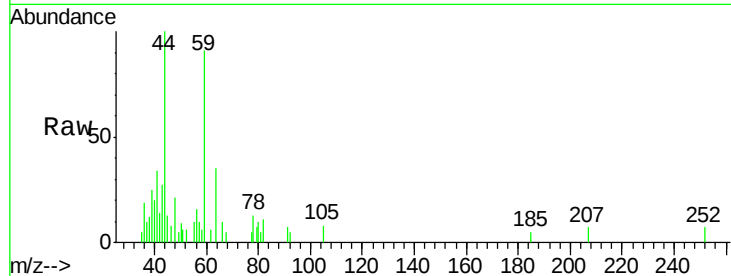




#11
Tert butyl alcohol
Concen: 4.00 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX003178.D
Acq: 05 Jul 2018 17:53

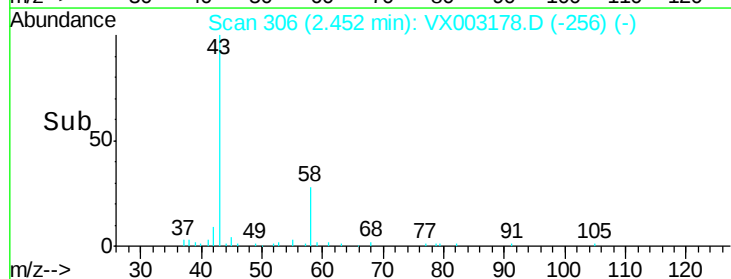
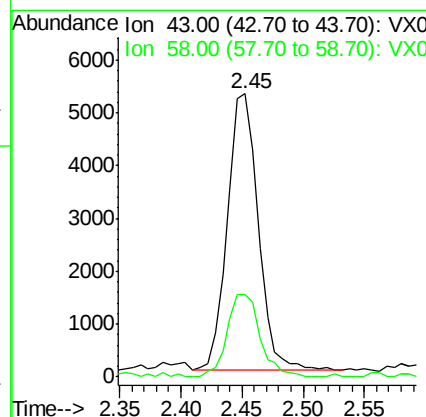
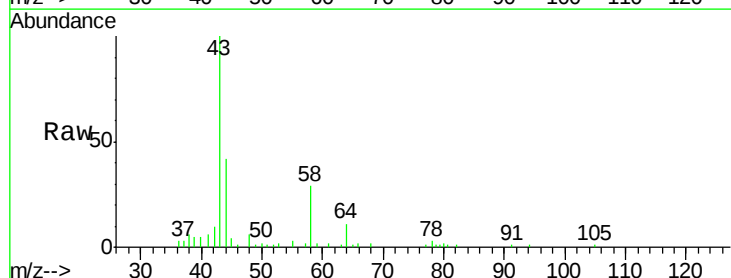
Instrument :
MSVOA_X
ClientSampleId :
S10-0149

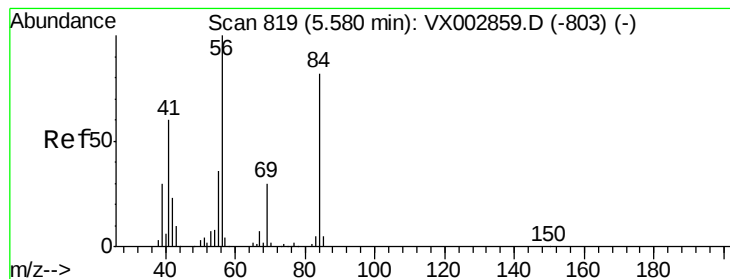
Tot Ion: 59 Resp: 2821
Ion Ratio Lower Upper
59 100
57 9.3 8.2 12.2



#16
Acetone
Concen: 6.24 ug/l
RT: 2.45 min Scan# 306
Delta R.T. 0.01 min
Lab File: VX003178.D
Acq: 05 Jul 2018 17:53

Tgt Ion: 43 Resp: 9157
Ion Ratio Lower Upper
43 100
58 29.7 22.1 33.1





#31

Cyclohexane

Concen: 1.32 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX003178.D

Acq: 05 Jul 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

S10-0149

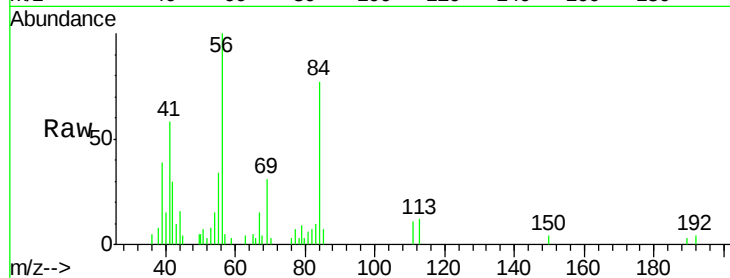
Tot Ion: 56 Resp: 5863

Ion Ratio Lower Upper

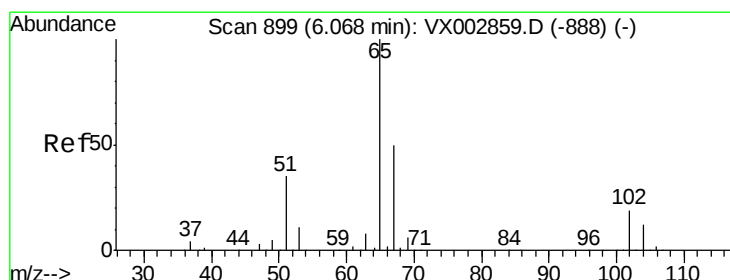
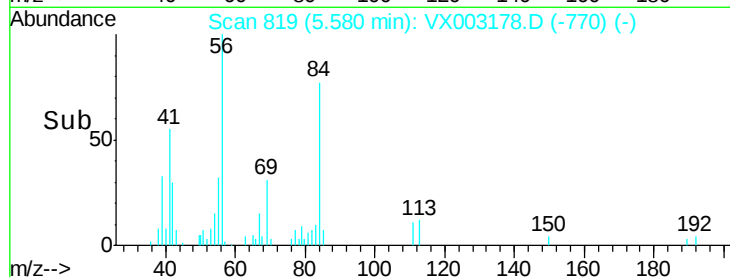
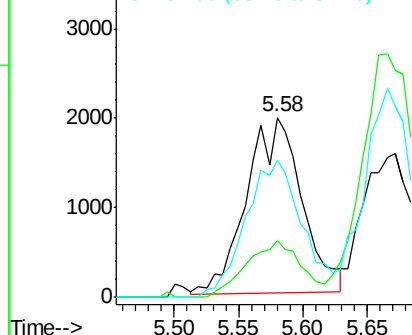
56 100

69 32.3 23.7 35.5

84 79.0 64.1 96.1



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



#33

1,2-Dichloroethane-d4

Concen: 45.93 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003178.D

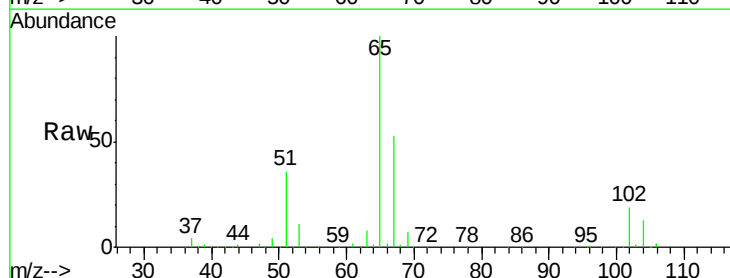
Acq: 05 Jul 2018 17:53

Tgt Ion: 65 Resp: 162770

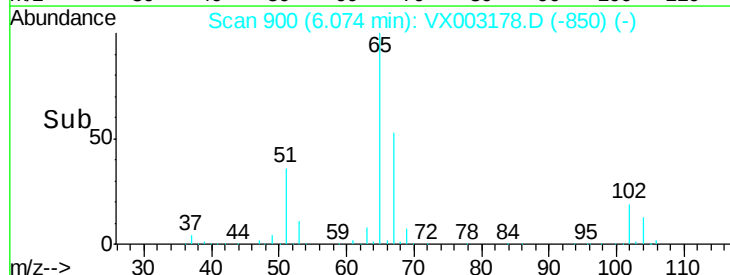
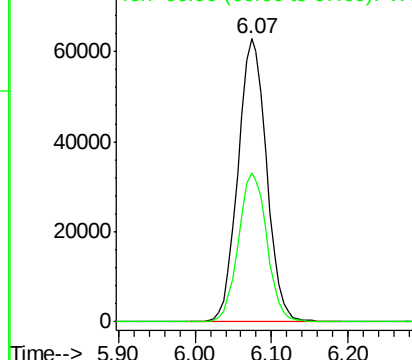
Ion Ratio Lower Upper

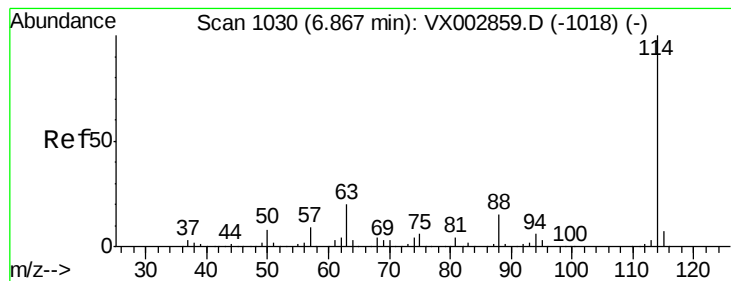
65 100

67 52.3 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX003178.D

Acq: 05 Jul 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

S10-0149

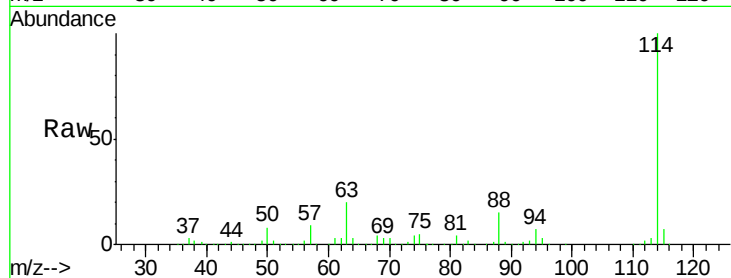
Tot Ion:114 Resp: 356753

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.4

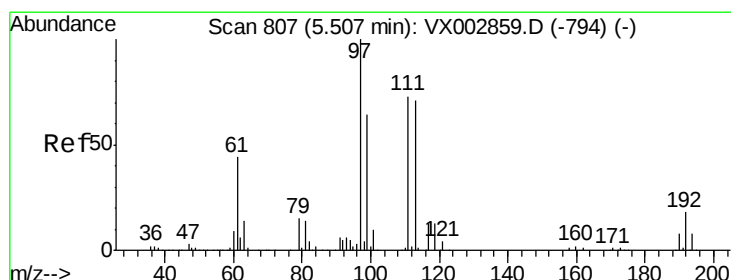
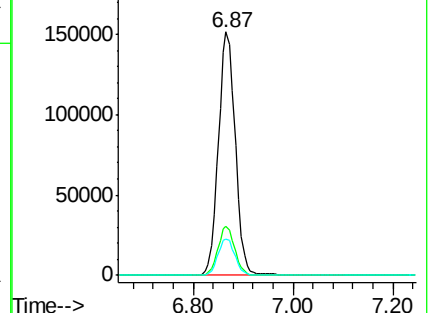
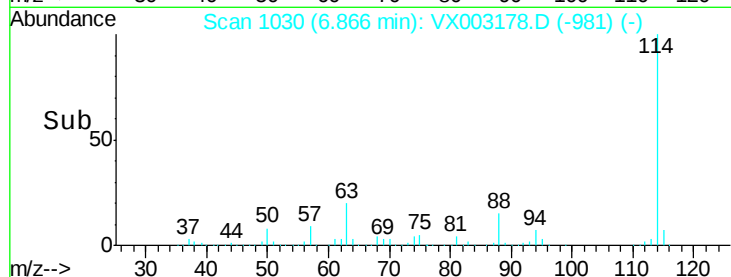
88 14.9 0.0 30.0



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: 47.68 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003178.D

Acq: 05 Jul 2018 17:53

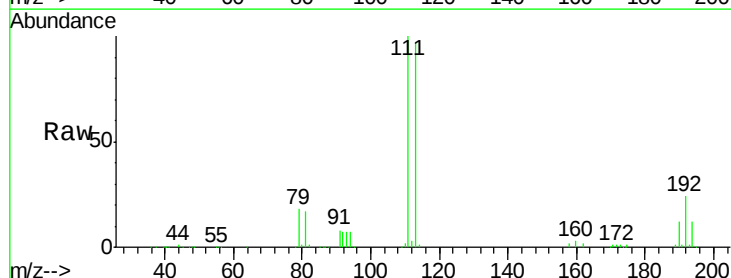
Tgt Ion:113 Resp: 134717

Ion Ratio Lower Upper

113 100

111 103.2 81.4 122.0

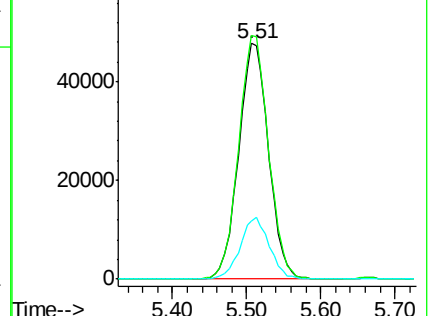
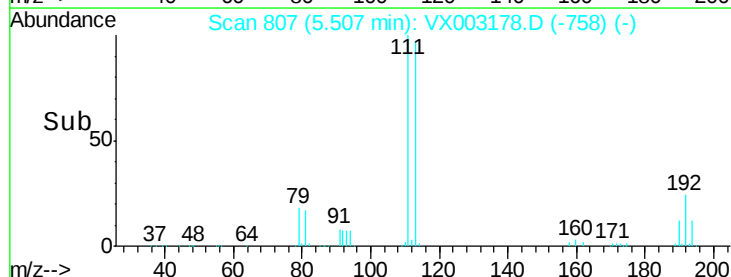
192 25.4 19.1 28.7

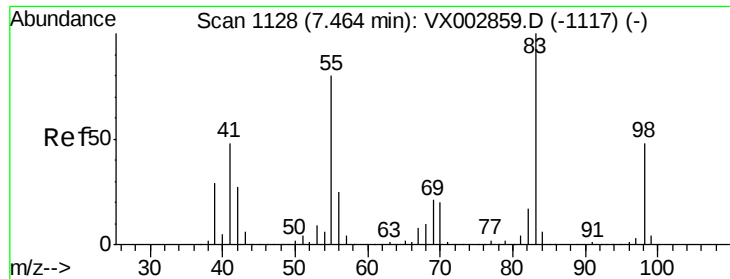


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

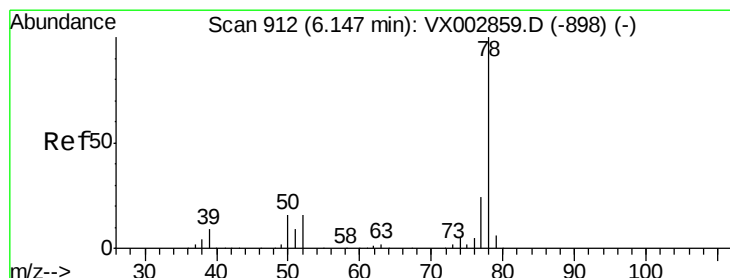
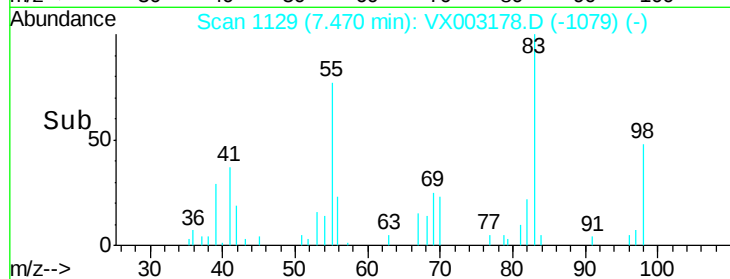
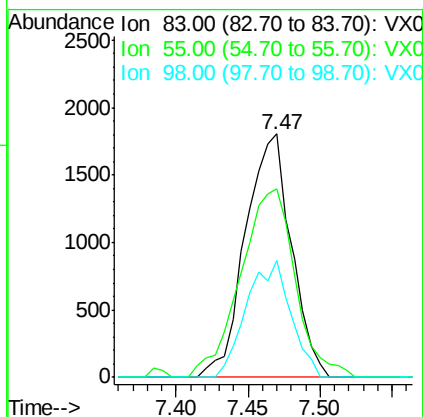
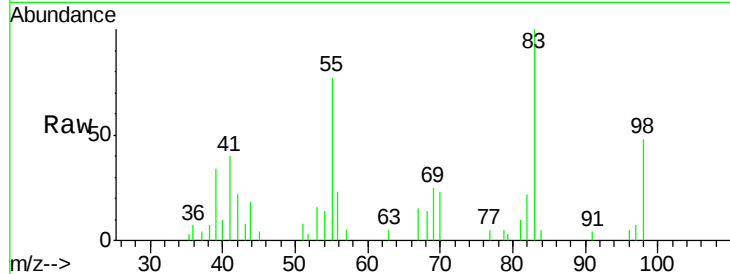




#39
Methvlcvclohexane
Concen: 0.88 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.01 min
Lab File: VX003178.D
Acq: 05 Jul 2018 17:53

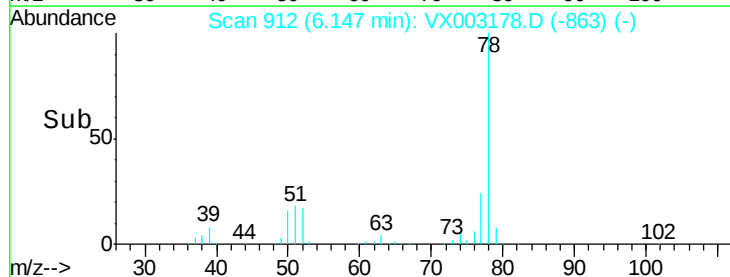
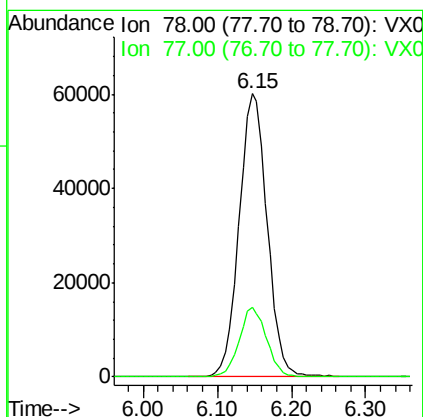
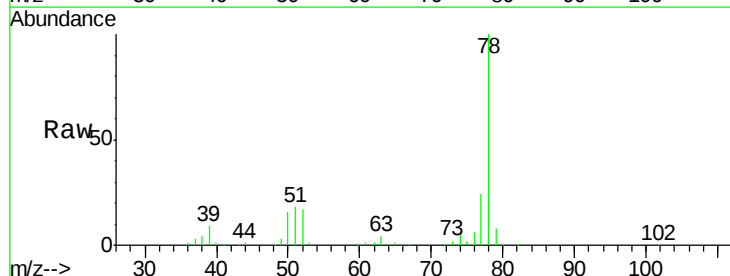
Instrument :
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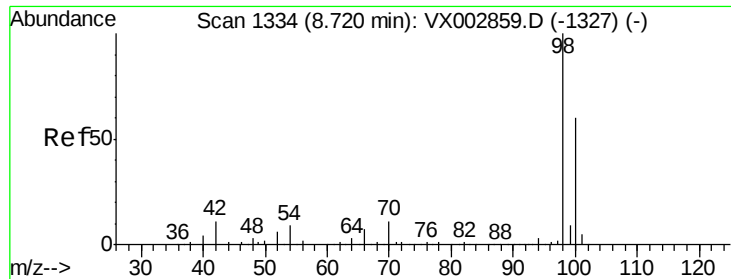
Tot Ion: 83 Resp: 3995
Ion Ratio Lower Upper
83 100
55 77.4 65.4 98.0
98 48.3 37.4 56.0



#40
Benzene
Concen: 13.98 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003178.D
Acq: 05 Jul 2018 17:53

Tgt Ion: 78 Resp: 158873
Ion Ratio Lower Upper
78 100
77 24.4 19.1 28.7

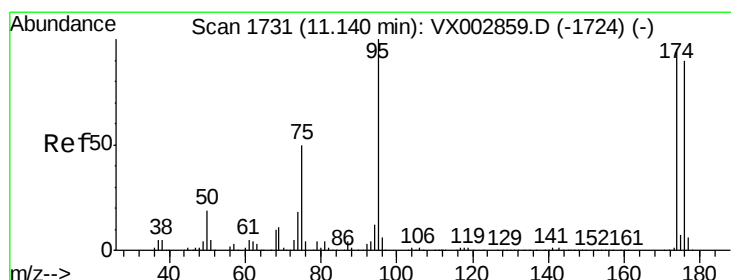
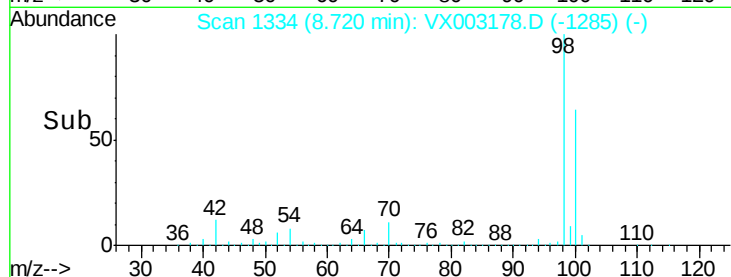
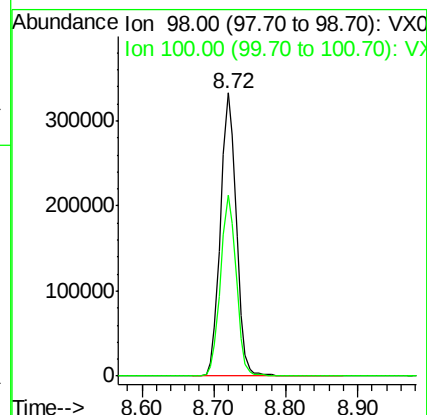
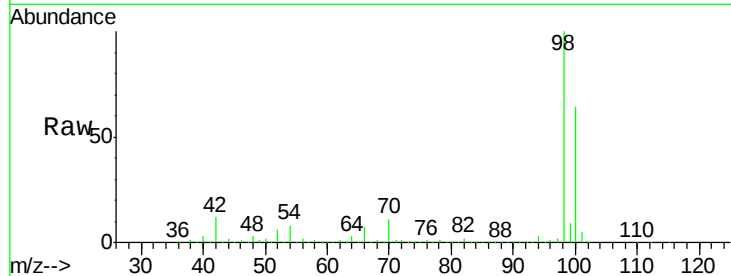




#50
Toluene-d8
Concen: 49.21 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003178.D
Acq: 05 Jul 2018 17:53

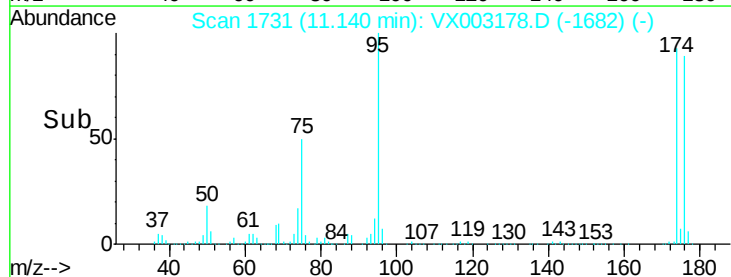
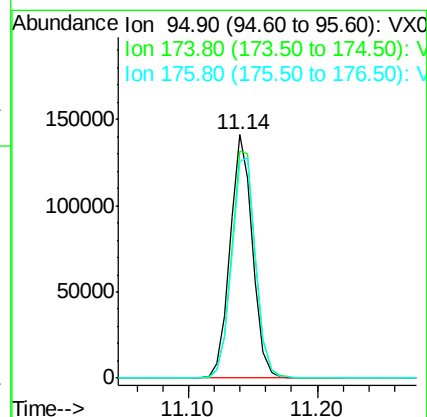
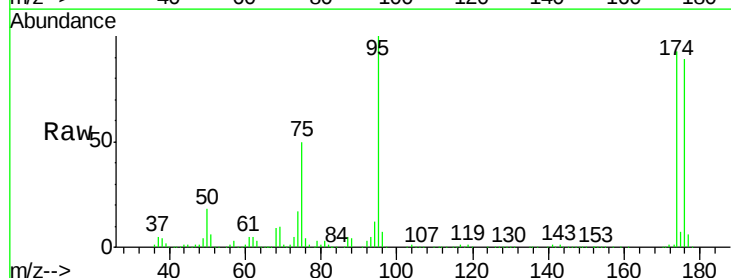
Instrument :
MSVOA_X
ClientSampleId :
S10-0149

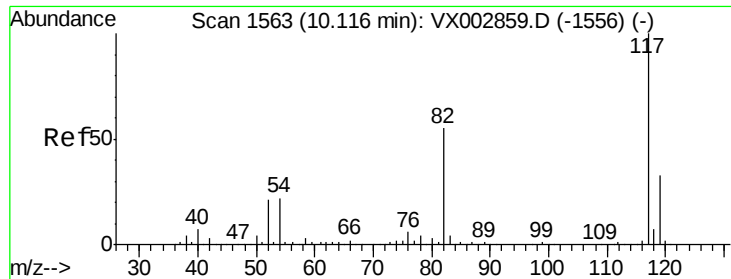
Tot Ion: 98 Resp: 507656
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 43.69 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX003178.D
Acq: 05 Jul 2018 17:53

Tgt Ion: 95 Resp: 173815
Ion Ratio Lower Upper
95 100
174 98.5 0.0 187.4
176 96.1 0.0 181.0

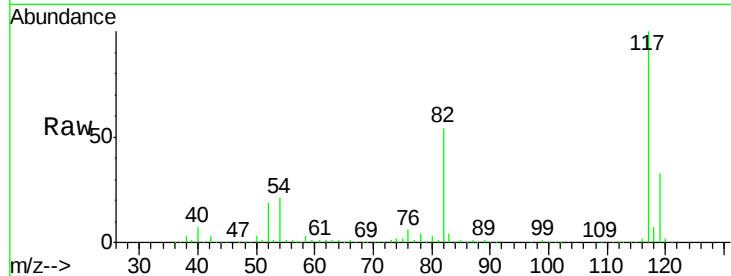




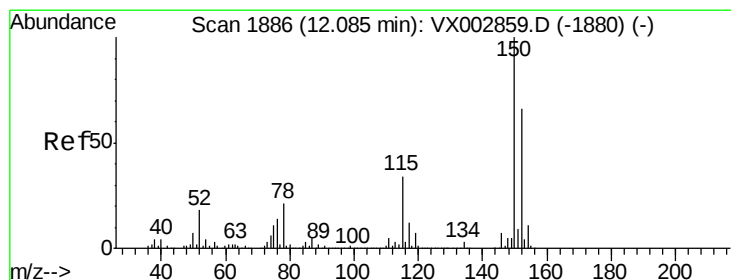
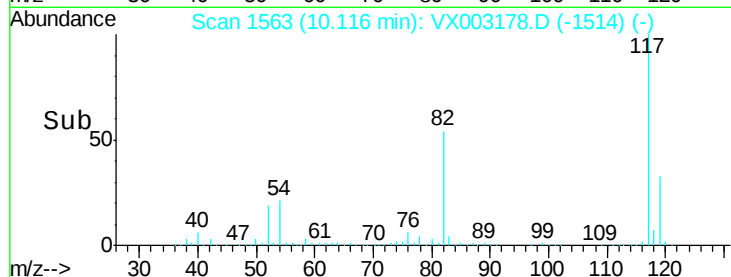
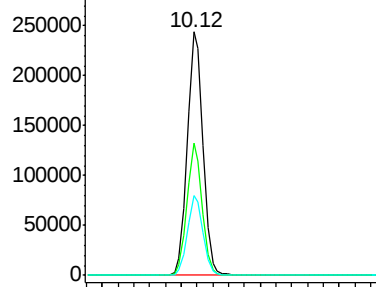
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003178.D
Acq: 05 Jul 2018 17:53

Instrument :
MSVOA_X
ClientSampled :
S10-0149

Tot Ion:117 Resp: 338252
Ion Ratio Lower Upper
117 100
82 54.3 45.0 67.4
119 32.5 25.8 38.6

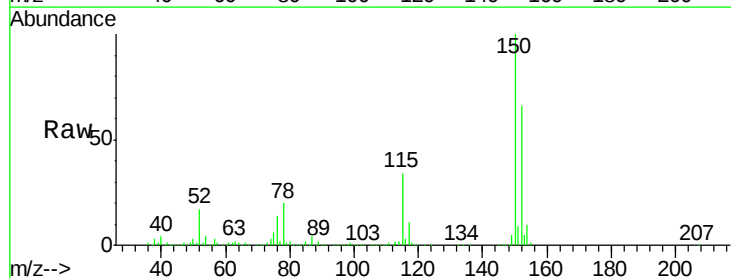


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

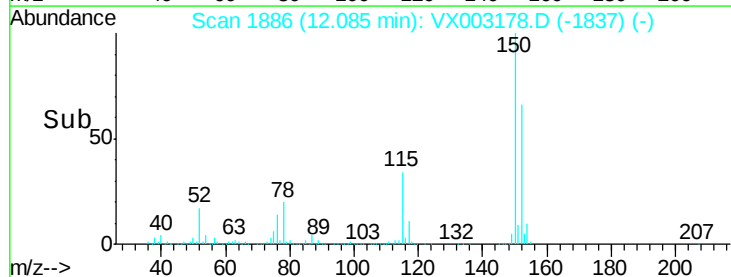
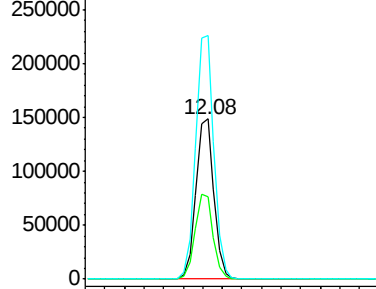


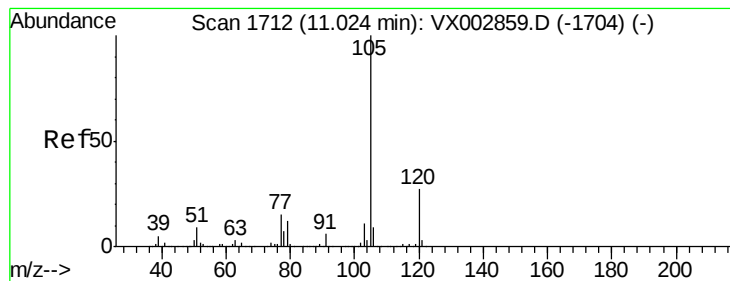
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX003178.D
Acq: 05 Jul 2018 17:53

Tgt Ion:152 Resp: 189000
Ion Ratio Lower Upper
152 100
115 53.1 40.1 120.2
150 154.0 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: 0.30 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX003178.D

Acq: 05 Jul 2018 17:53

Instrument :

MSVOA_X

ClientSampled :

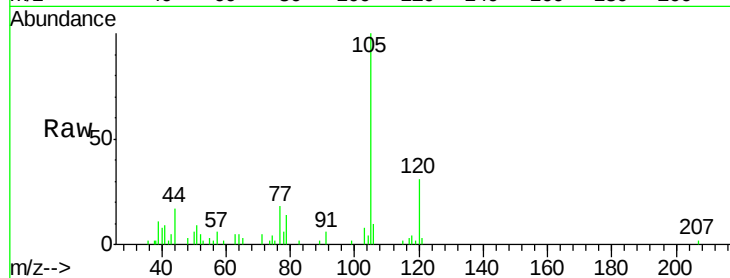
S10-0149

Tot Ion:105 Resp: 3872

Ion Ratio Lower Upper

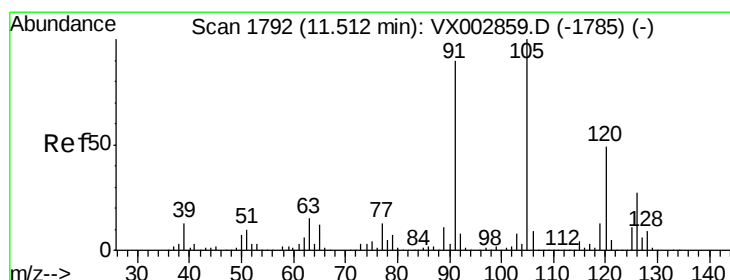
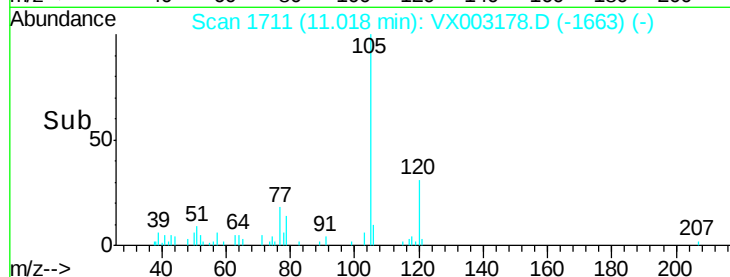
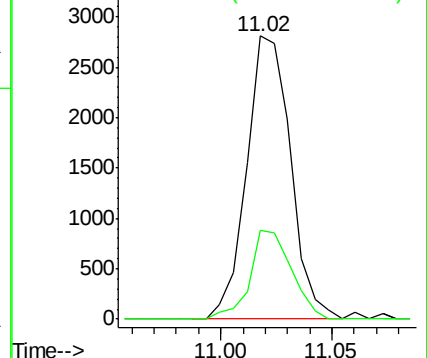
105 100

120 29.6 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#80

1,3,5-Trimethylbenzene

Concen: 0.24 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003178.D

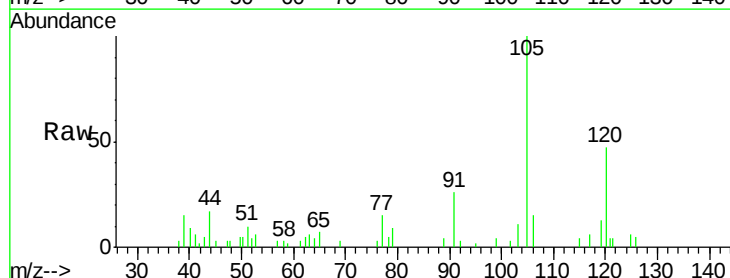
Acq: 05 Jul 2018 17:53

Tgt Ion:105 Resp: 2622

Ion Ratio Lower Upper

105 100

120 52.4 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

