

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060518\
 Data File : VX002307.D
 Acq On : 05 Jun 2018 15:57
 Operator : JC/MD
 Sample : J3270-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF6-0057

Quant Time: Jun 06 05:30:52 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	242979	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	358511	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	332204	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	187686	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	172956	49.76	ug/l	0.00
Spiked Amount			Recovery	=	99.52%	
35) Dibromofluoromethane	5.51	113	125190	44.40	ug/l	0.00
Spiked Amount			Recovery	=	88.80%	
50) Toluene-d8	8.72	98	519202	48.05	ug/l	0.00
Spiked Amount			Recovery	=	96.10%	
62) 4-Bromofluorobenzene	11.14	95	180456	43.30	ug/l	0.00
Spiked Amount			Recovery	=	86.60%	

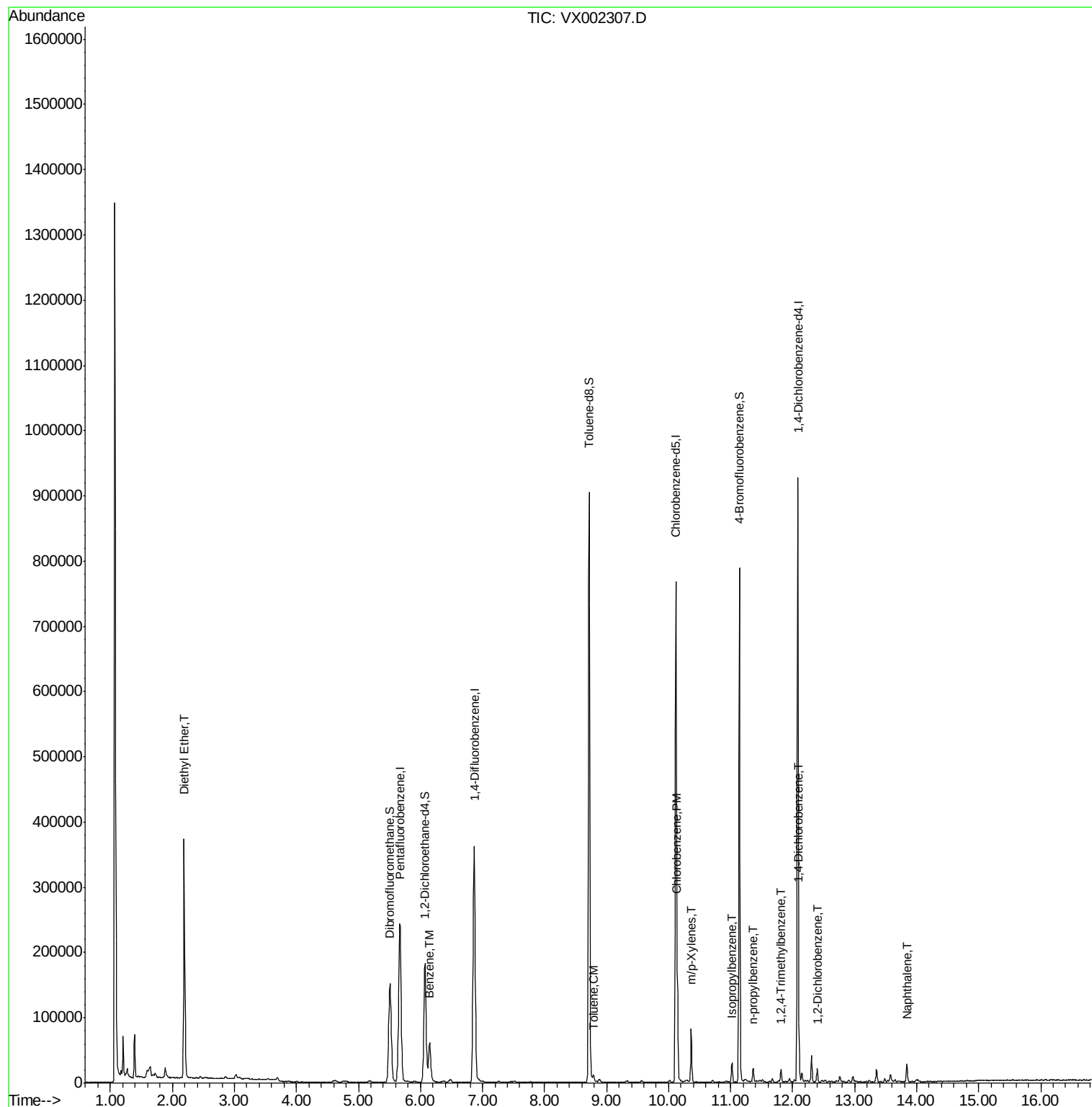
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	2.19	74	120538	70.936	ug/l	98
40) Benzene	6.15	78	66595	5.763	ug/l	99
52) Toluene	8.79	92	2065	0.281	ug/l	90
65) Chlorobenzene	10.14	112	56657	6.854	ug/l	98
68) m/p-Xylenes	10.37	106	16510	3.070	ug/l	98
73) Isopropylbenzene	11.02	105	13939	1.068	ug/l	98
78) n-propylbenzene	11.37	91	8210	0.566	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	7738	0.671	ug/l	95
88) 1,4-Dichlorobenzene	12.10	146	16331	2.417	ug/l	88
91) 1,2-Dichlorobenzene	12.40	146	5050	0.745	ug/l	99
95) Naphthalene	13.84	128	15870	1.162	ug/l	97

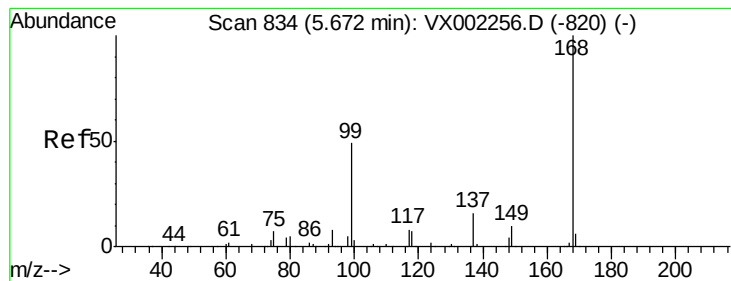
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 06 05:30:52 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002307.D

Acq: 05 Jun 2018 15:57

Instrument :

MSVOA_X

ClientSampleId :

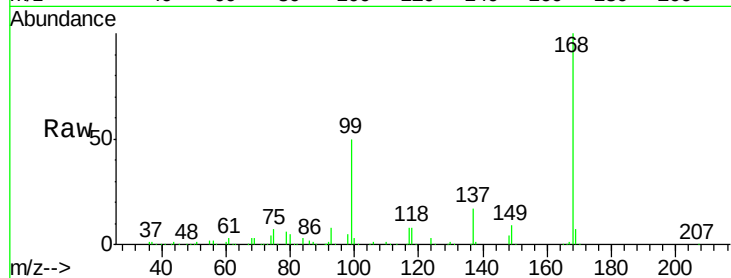
LF6-0057

Tot Ion:168 Resp: 242979

Ion Ratio Lower Upper

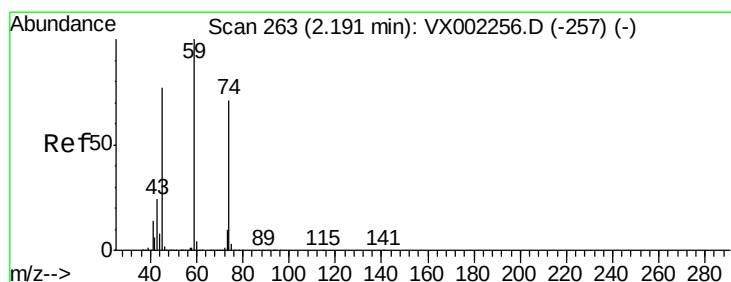
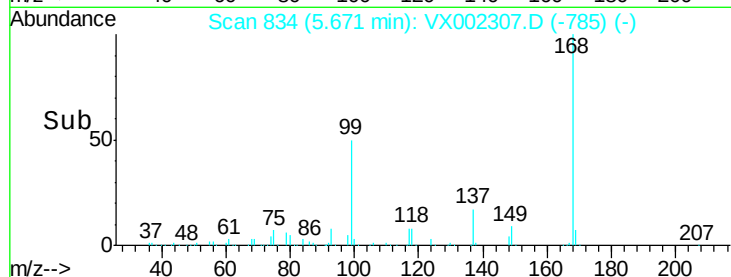
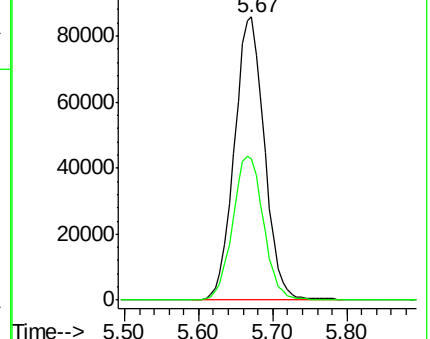
168 100

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



#8

Diethyl Ether

Concen: 70.936 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX002307.D

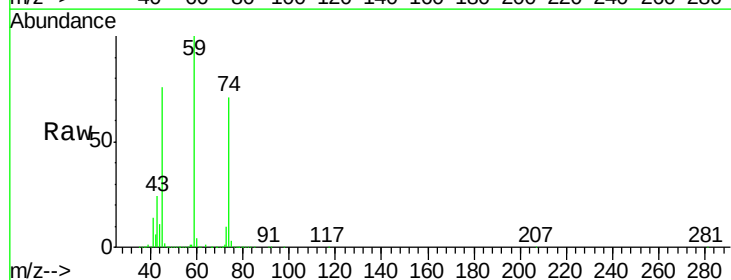
Acq: 05 Jun 2018 15:57

Tgt Ion: 74 Resp: 120538

Ion Ratio Lower Upper

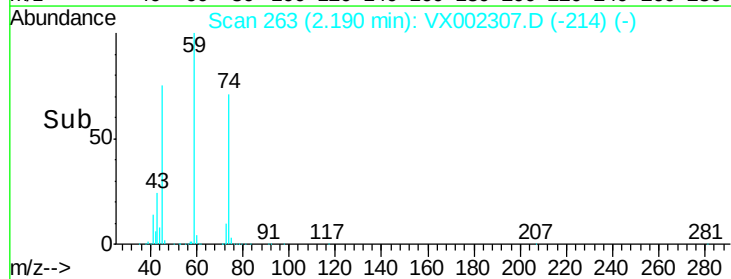
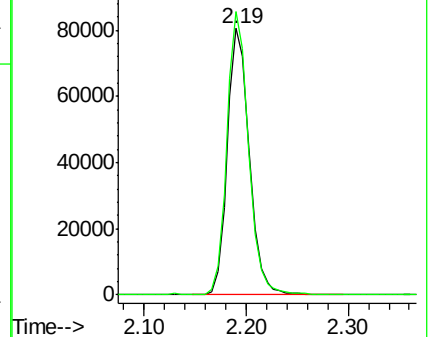
74 100

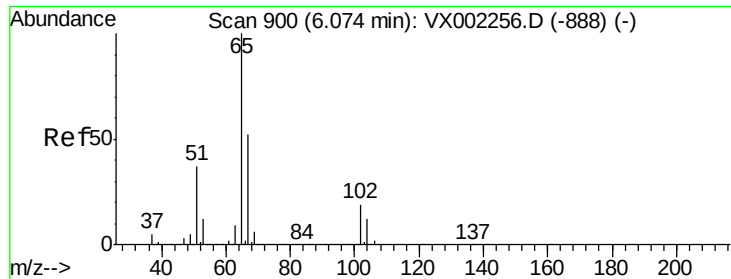
45 103.9 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

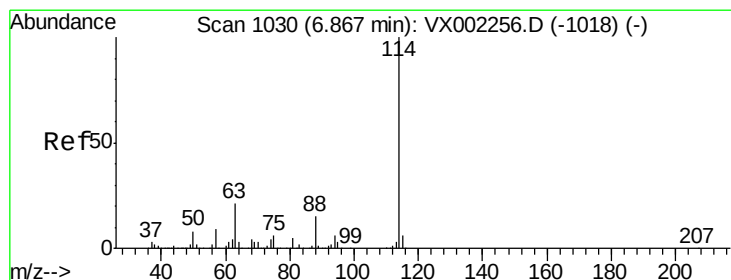
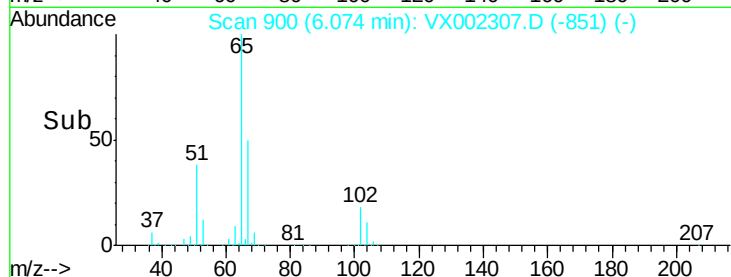
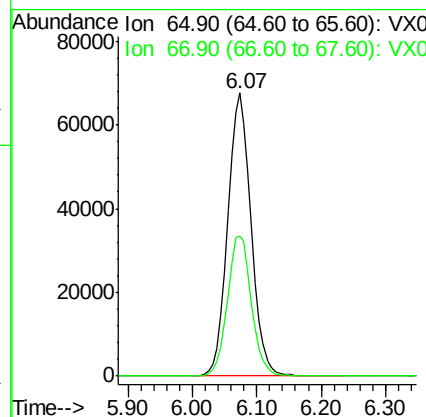
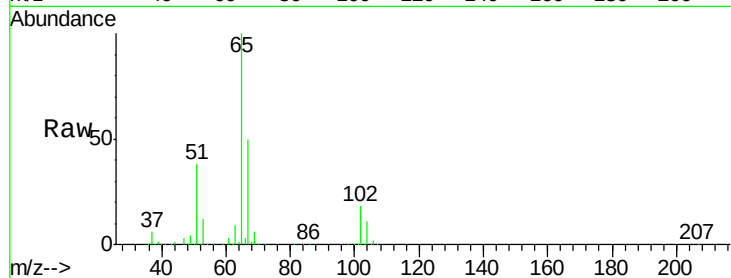




#33
 1,2-Dichloroethane-d4
 Concen: 49.761 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002307.D
 Acq: 05 Jun 2018 15:57

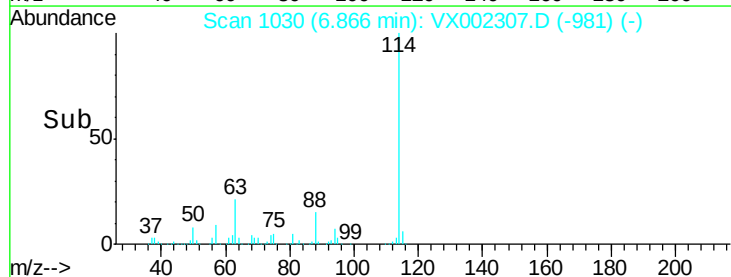
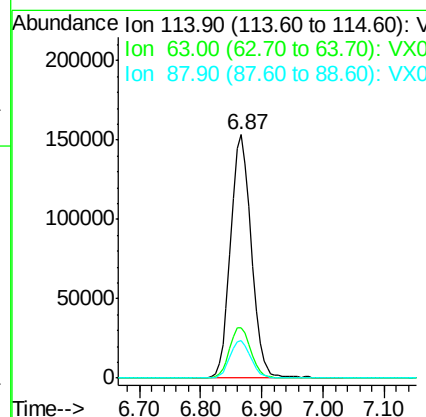
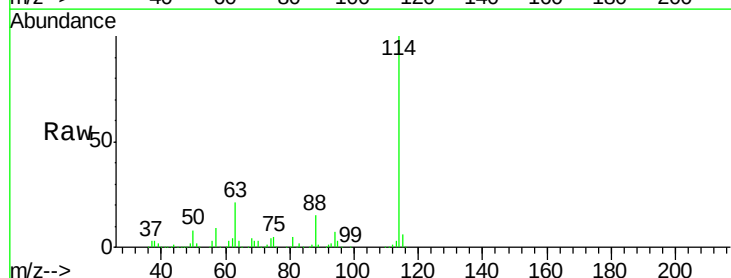
Instrument :
 MSVOA_X
 ClientSampleId :
 LF6-0057

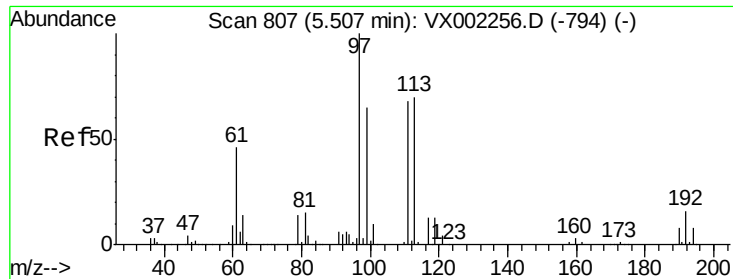
Tot Ion: 65 Resp: 172956
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002307.D
 Acq: 05 Jun 2018 15:57

Tgt Ion: 114 Resp: 358511
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 41.4
 88 15.3 0.0 30.0

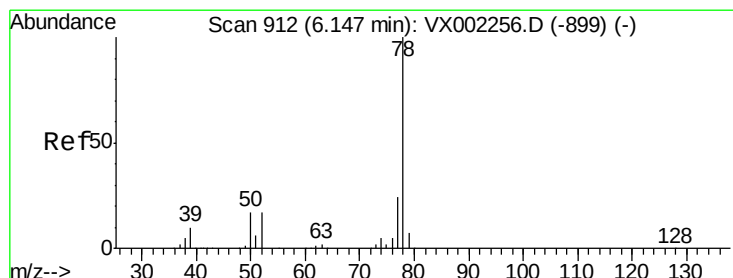
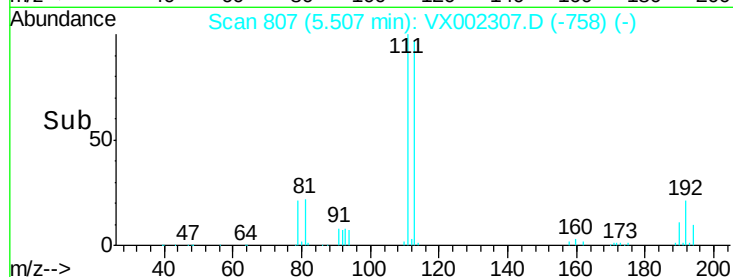
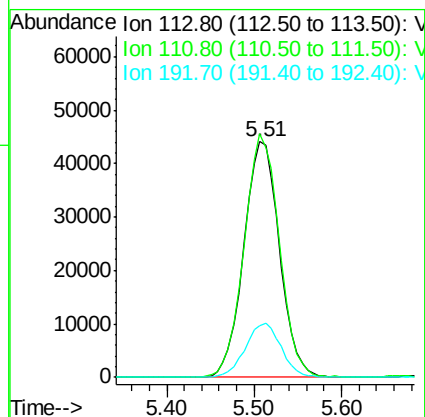
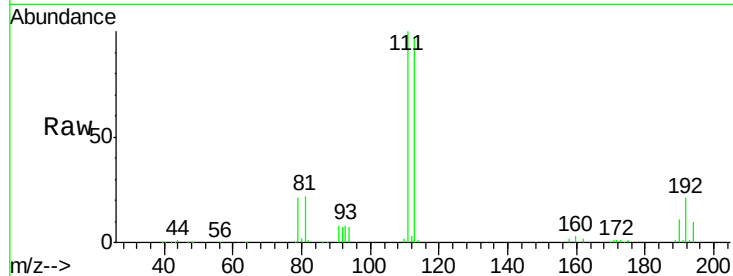




#35
 Dibromofluoromethane
 Concen: 44.404 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX002307.D
 Acq: 05 Jun 2018 15:57

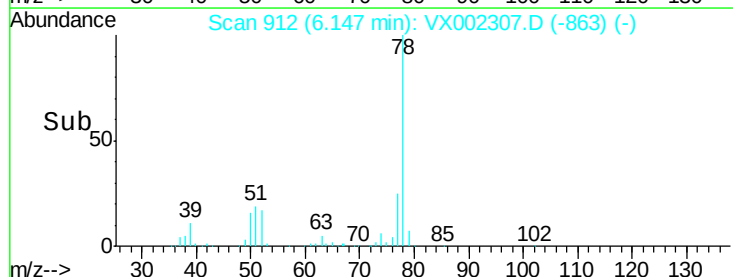
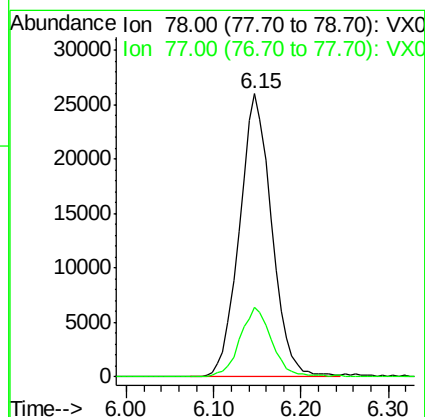
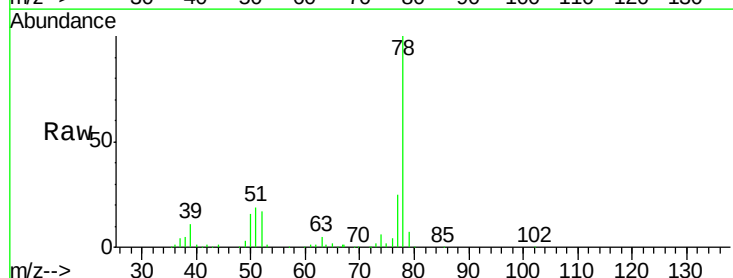
Instrument :
 MSVOA_X
 ClientSampleId :
 LF6-0057

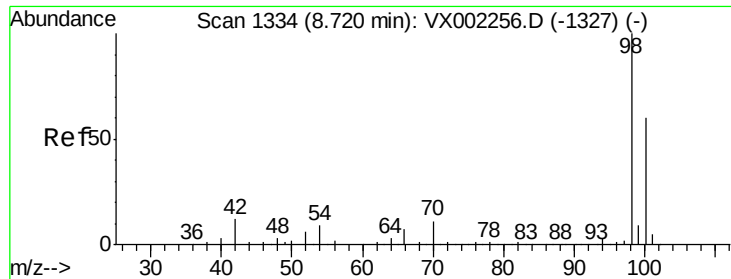
Tot Ion:113 Resp: 125190
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.4 122.0
 192 23.0 19.1 28.7



#40
 Benzene
 Concen: 5.763 ug/l
 RT: 6.15 min Scan# 912
 Delta R.T. -0.00 min
 Lab File: VX002307.D
 Acq: 05 Jun 2018 15:57

Tgt Ion: 78 Resp: 66595
 Ion Ratio Lower Upper
 78 100
 77 24.6 19.1 28.7

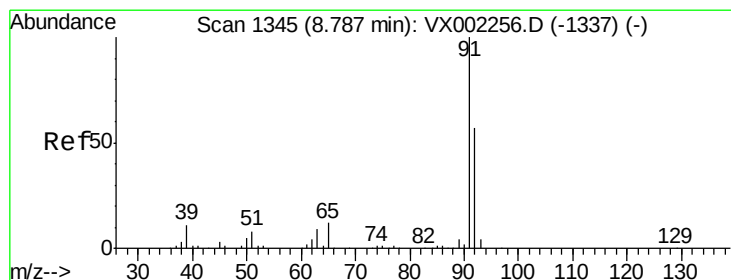
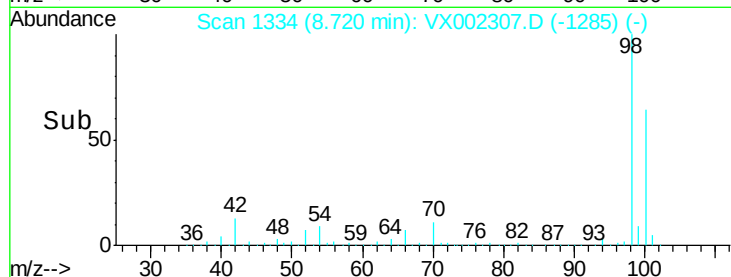
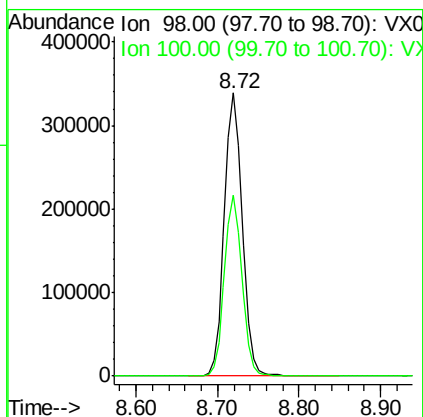
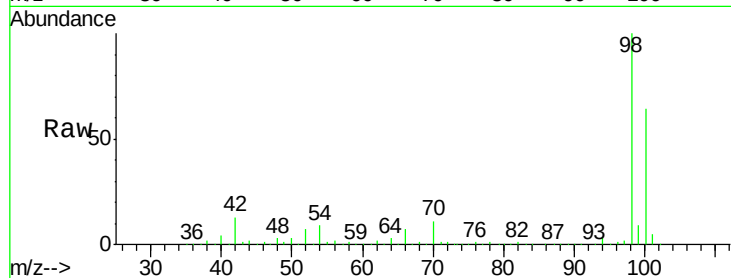




#50
Toluene-d8
Concen: 48.046 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002307.D
Acq: 05 Jun 2018 15:57

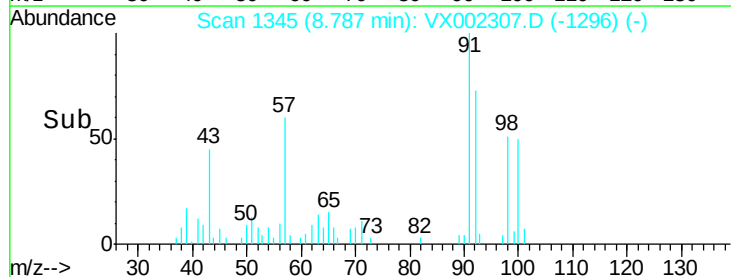
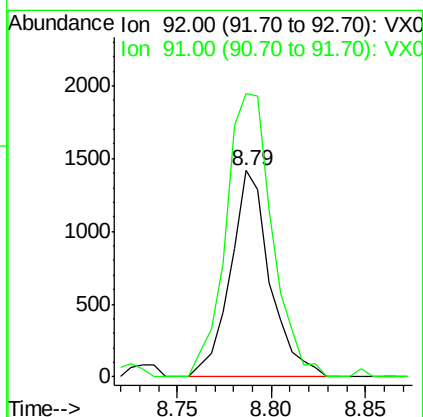
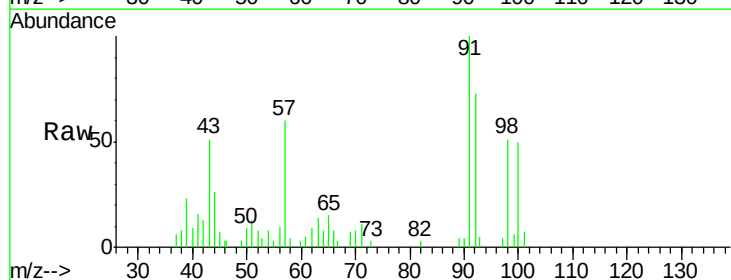
Instrument :
MSVOA_X
ClientSampleId :
LF6-0057

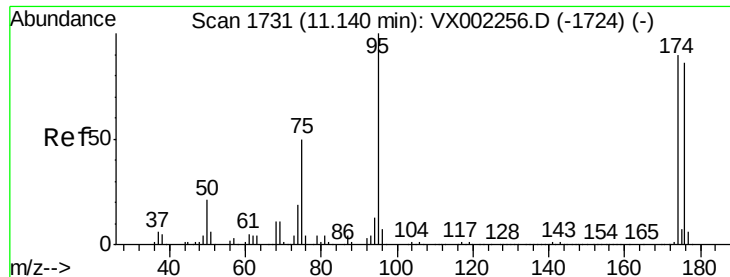
Tot Ion: 98 Resp: 519202
Ion Ratio Lower Upper
98 100
100 62.9 50.9 76.3



#52
Toluene
Concen: 0.281 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX002307.D
Acq: 05 Jun 2018 15:57

Tgt Ion: 92 Resp: 2065
Ion Ratio Lower Upper
92 100
91 161.2 140.4 210.6

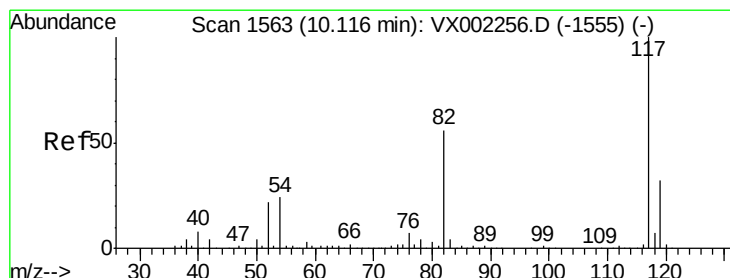
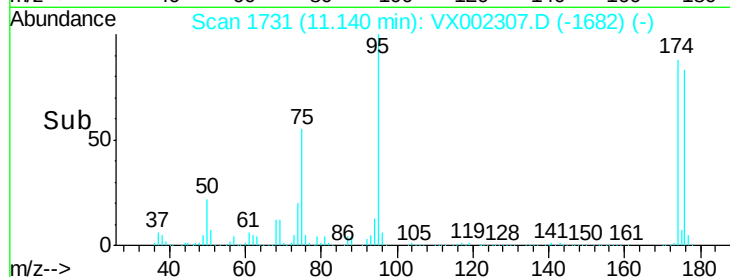
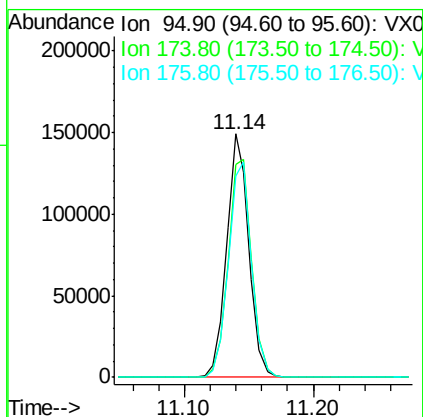
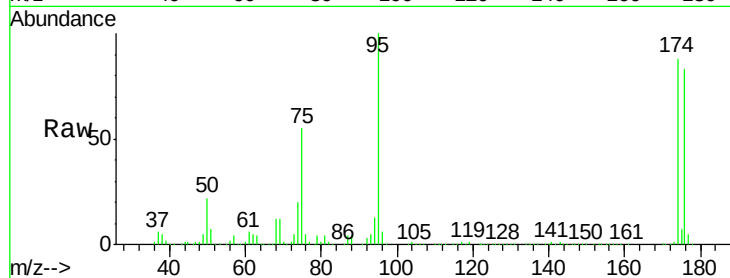




#62
4-Bromofluorobenzene
Concen: 43.305 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002307.D
Acq: 05 Jun 2018 15:57

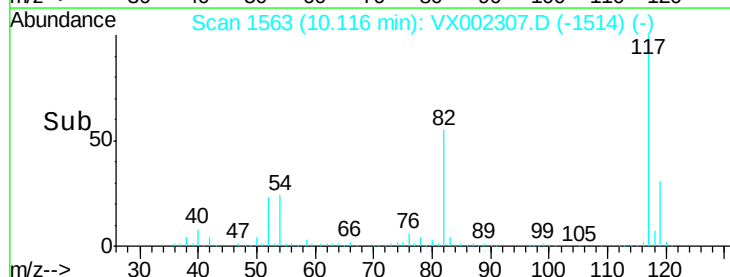
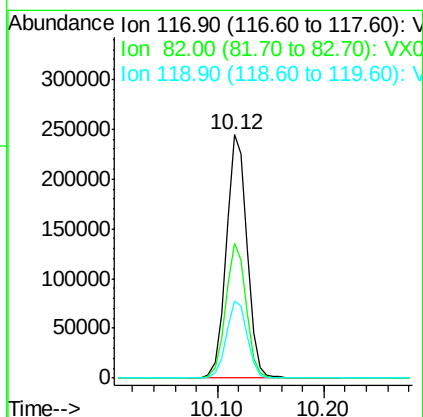
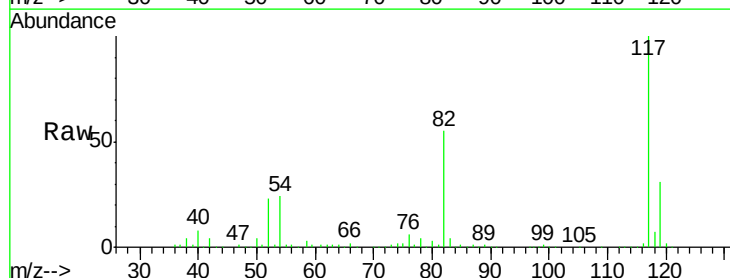
Instrument :
MSVOA_X
ClientSampleId :
LF6-0057

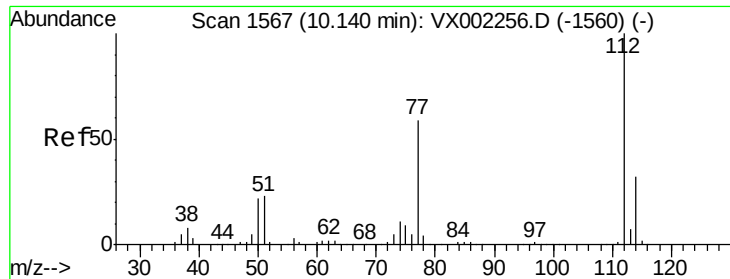
Tot Ion: 95 Resp: 180456
Ion Ratio Lower Upper
95 100
174 94.9 0.0 187.4
176 92.0 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002307.D
Acq: 05 Jun 2018 15:57

Tgt Ion: 117 Resp: 332204
Ion Ratio Lower Upper
117 100
82 55.2 45.0 67.4
119 31.5 25.8 38.6

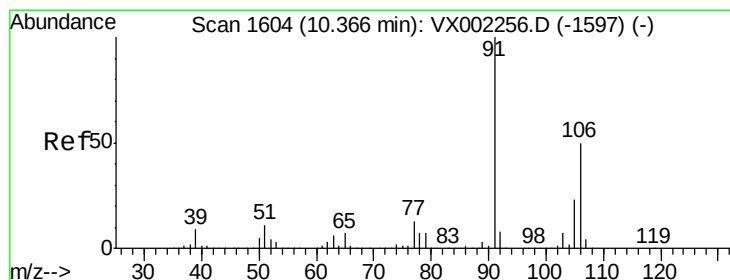
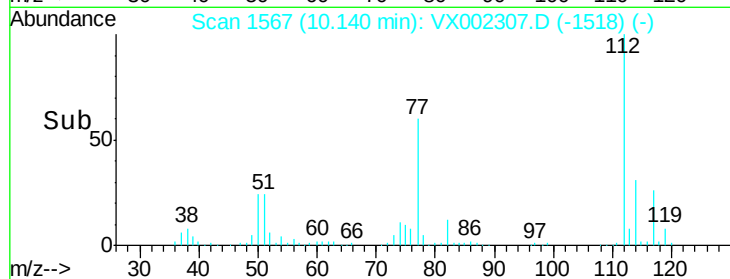
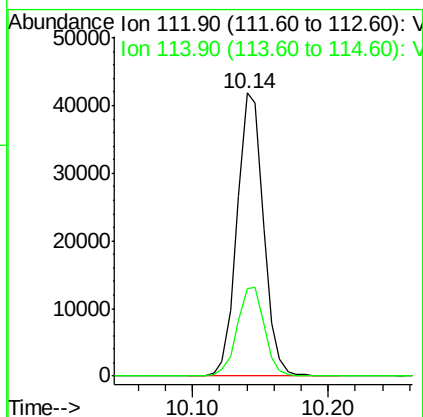
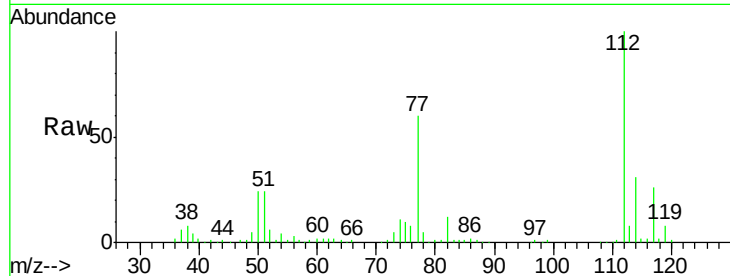




#65
Chlorobenzene
Concen: 6.854 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002307.D
Acq: 05 Jun 2018 15:57

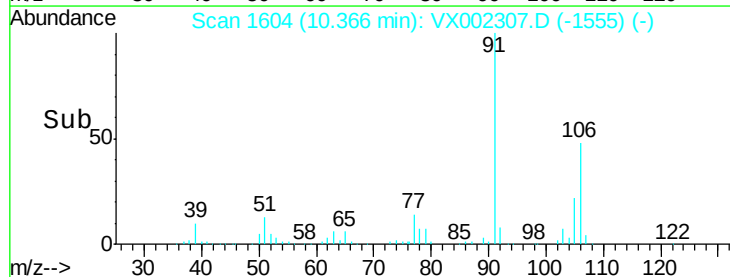
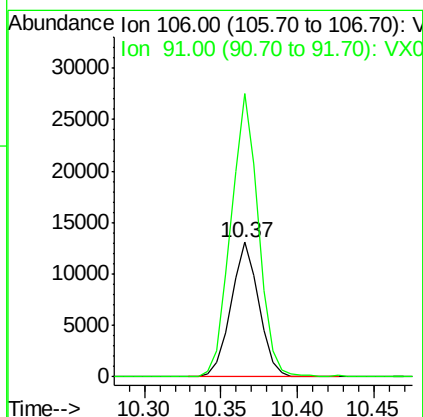
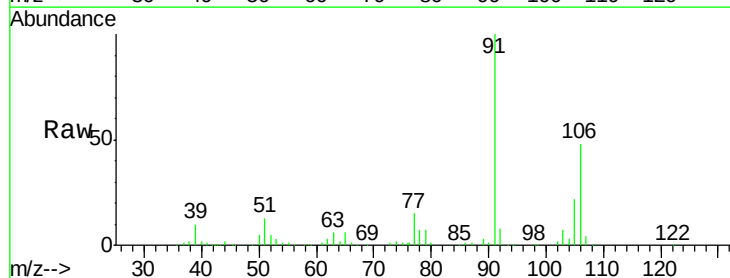
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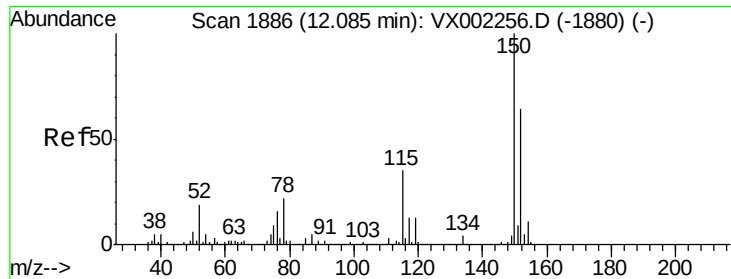
Tot Ion:112 Resp: 56657
Ion Ratio Lower Upper
112 100
114 30.7 25.3 37.9



#68
m/p-Xylenes
Concen: 3.070 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX002307.D
Acq: 05 Jun 2018 15:57

Tgt Ion:106 Resp: 16510
Ion Ratio Lower Upper
106 100
91 207.5 163.4 245.2



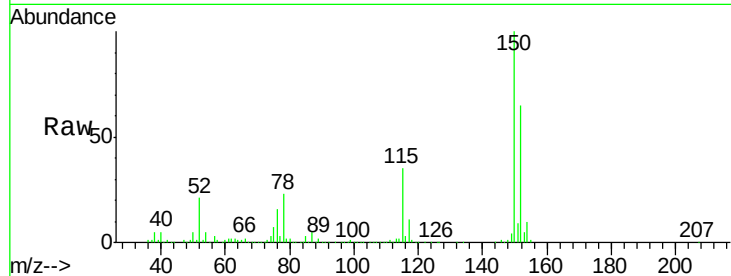


#72

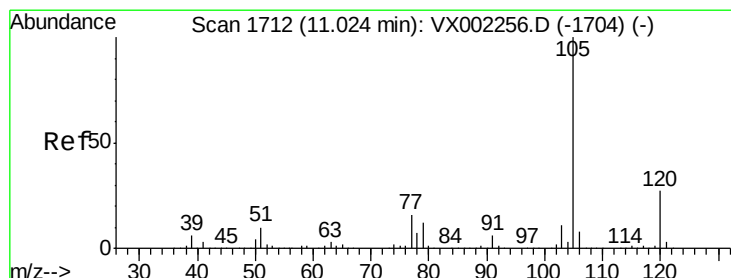
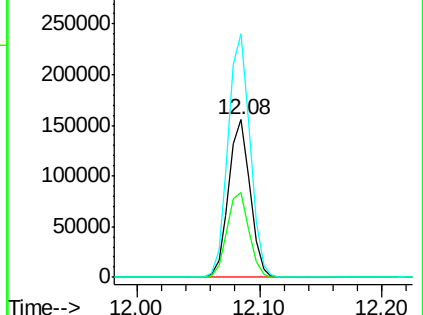
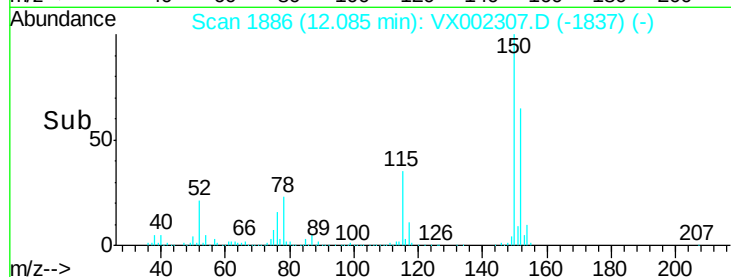
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002307.D
Acq: 05 Jun 2018 15:57

Instrument :
MSVOA_X
ClientSampled :
LF6-0057

Tot Ion:152 Resp: 187686
Ion Ratio Lower Upper
152 100
115 55.1 40.1 120.2
150 157.7 0.0 347.2



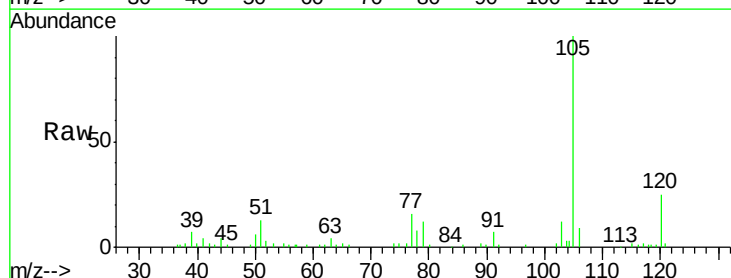
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



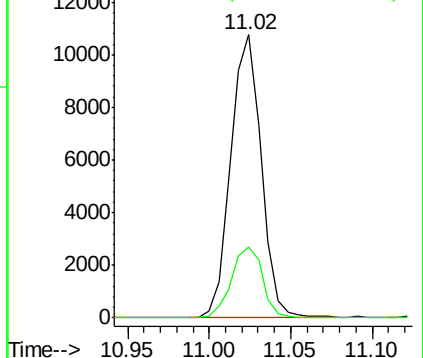
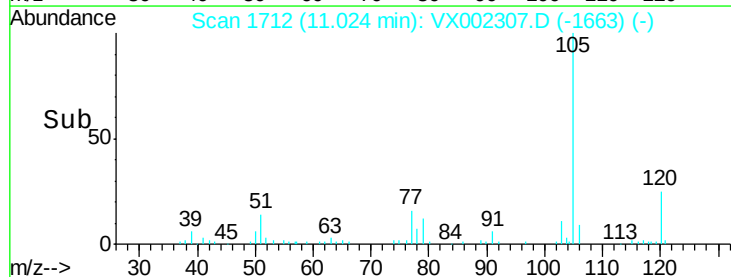
#73

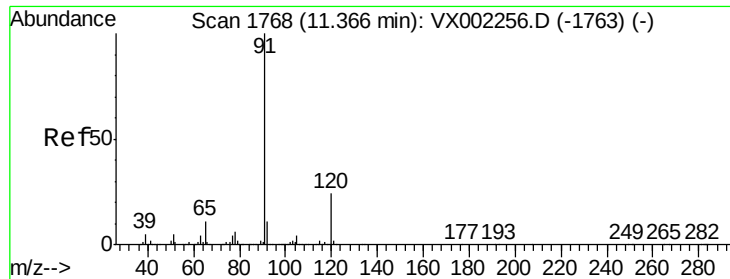
Isopropylbenzene
Concen: 1.068 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX002307.D
Acq: 05 Jun 2018 15:57

Tgt Ion:105 Resp: 13939
Ion Ratio Lower Upper
105 100
120 25.7 13.5 40.4



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





#78

n-propylbenzene

Concen: 0.566 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002307.D

Acq: 05 Jun 2018 15:57

Instrument :

MSVOA_X

ClientSampleId :

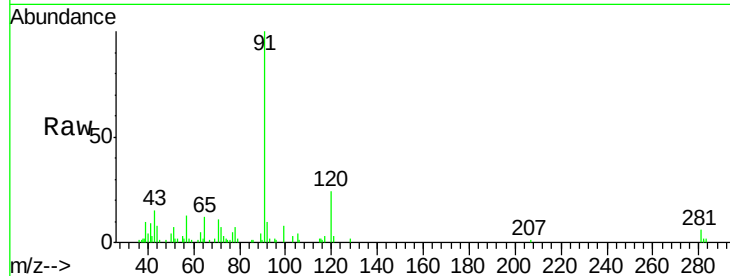
LF6-0057

Tot Ion: 91 Resp: 8210

Ion Ratio Lower Upper

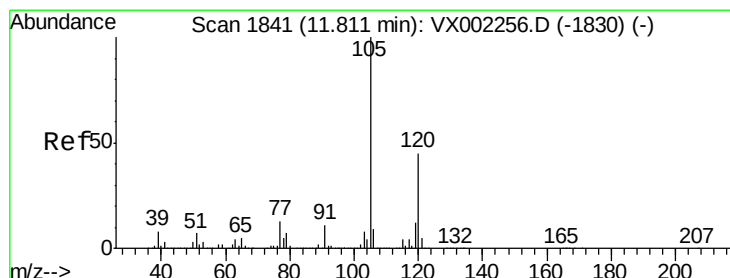
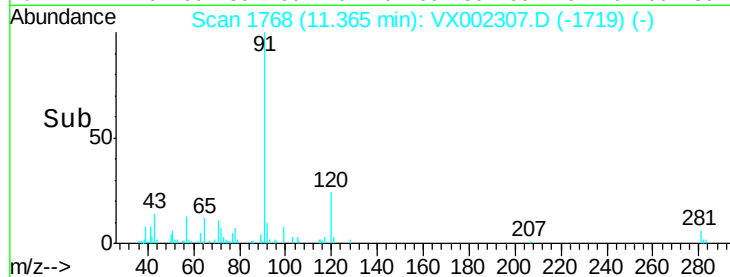
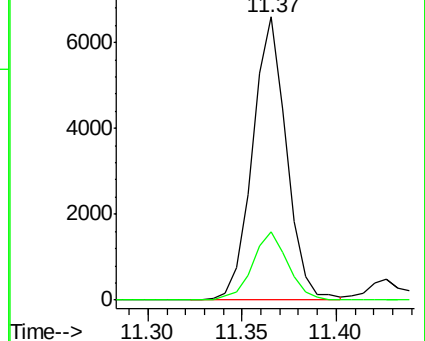
91 100

120 25.1 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 0.671 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX002307.D

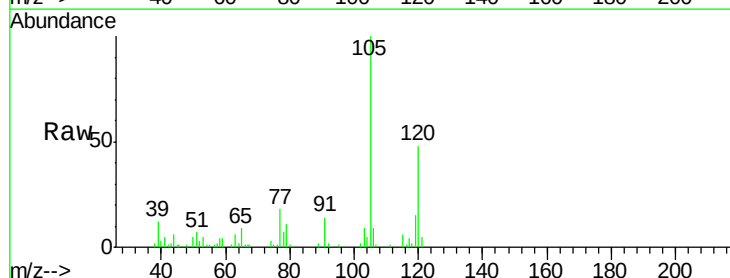
Acq: 05 Jun 2018 15:57

Tgt Ion:105 Resp: 7738

Ion Ratio Lower Upper

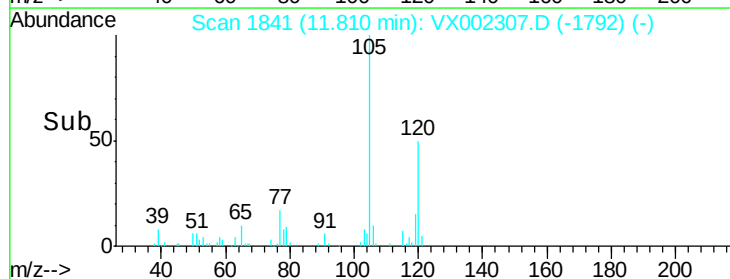
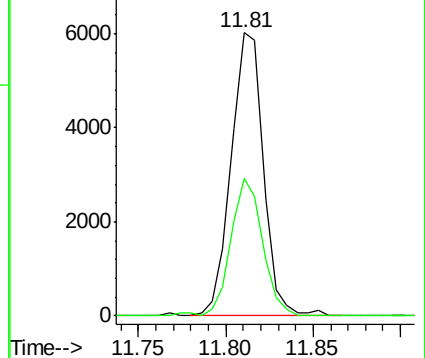
105 100

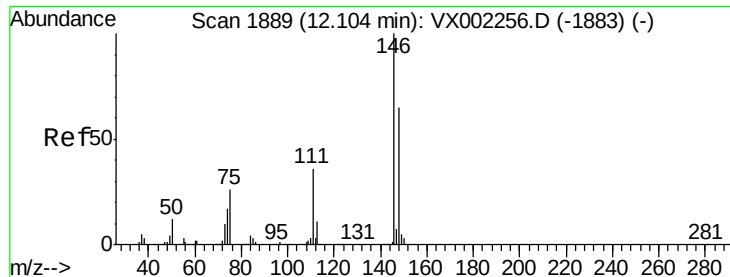
120 47.8 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#88

1,4-Dichlorobenzene

Concen: 2.417 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX002307.D

Acq: 05 Jun 2018 15:57

Instrument :

MSVOA_X

ClientSampleId :

LF6-0057

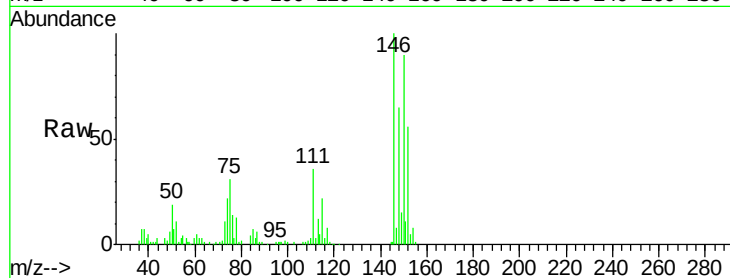
Tot Ion:146 Resp: 16331

Ion Ratio Lower Upper

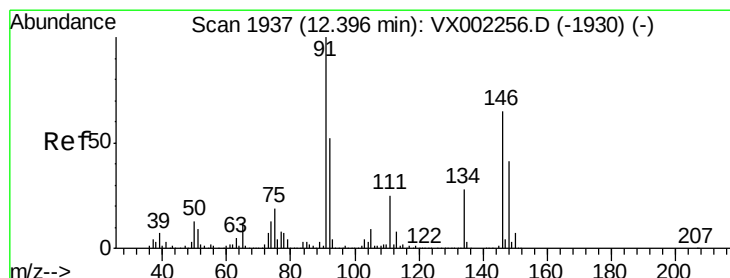
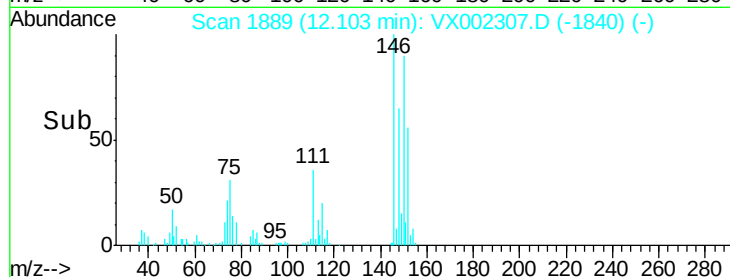
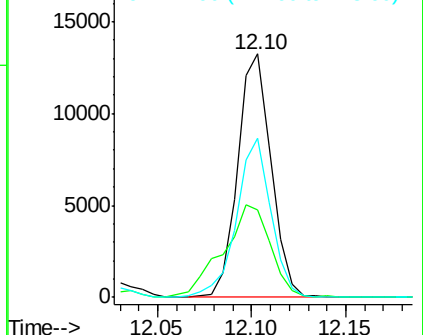
146 100

111 54.1 18.7 56.1

148 67.4 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#91

1,2-Dichlorobenzene

Concen: 0.745 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX002307.D

Acq: 05 Jun 2018 15:57

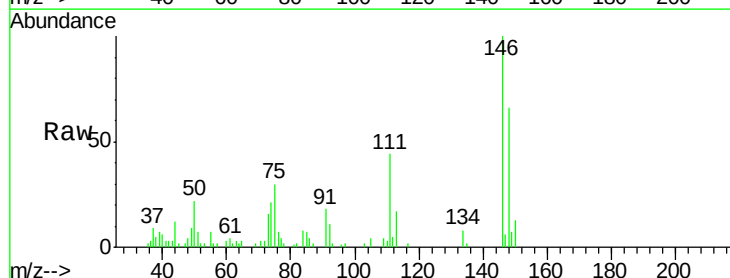
Tgt Ion:146 Resp: 5050

Ion Ratio Lower Upper

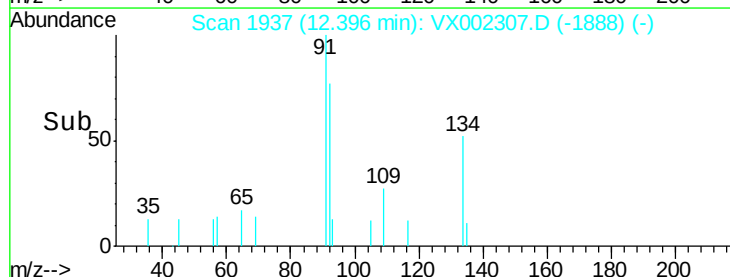
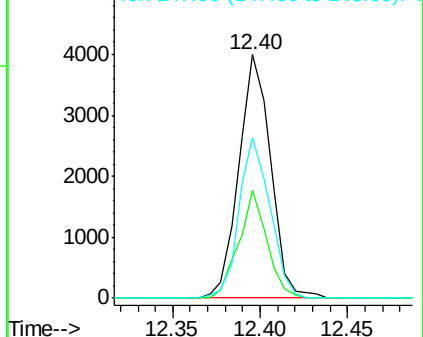
146 100

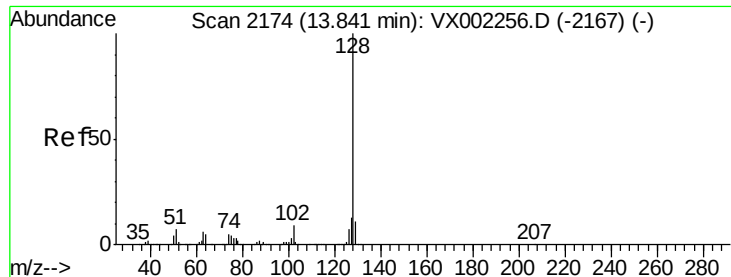
111 39.1 19.4 58.1

148 64.3 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

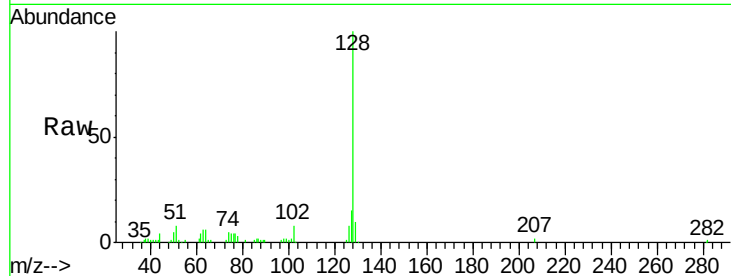




#95
Naphthalene
Concen: 1.162 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002307.D
Acq: 05 Jun 2018 15:57

Instrument :
MSVOA_X
ClientSampleId :
LF6-0057

Tot Ion:128 Resp: 15870
Ion Ratio Lower Upper
128 100
127 14.0 10.4 15.6
129 12.2 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

