

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083120\
 Data File : VX018174.D
 Acq On : 01 Sep 2020 02:32
 Operator : JC/SP
 Sample : L3829-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F06045

Quant Time: Sep 01 07:40:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

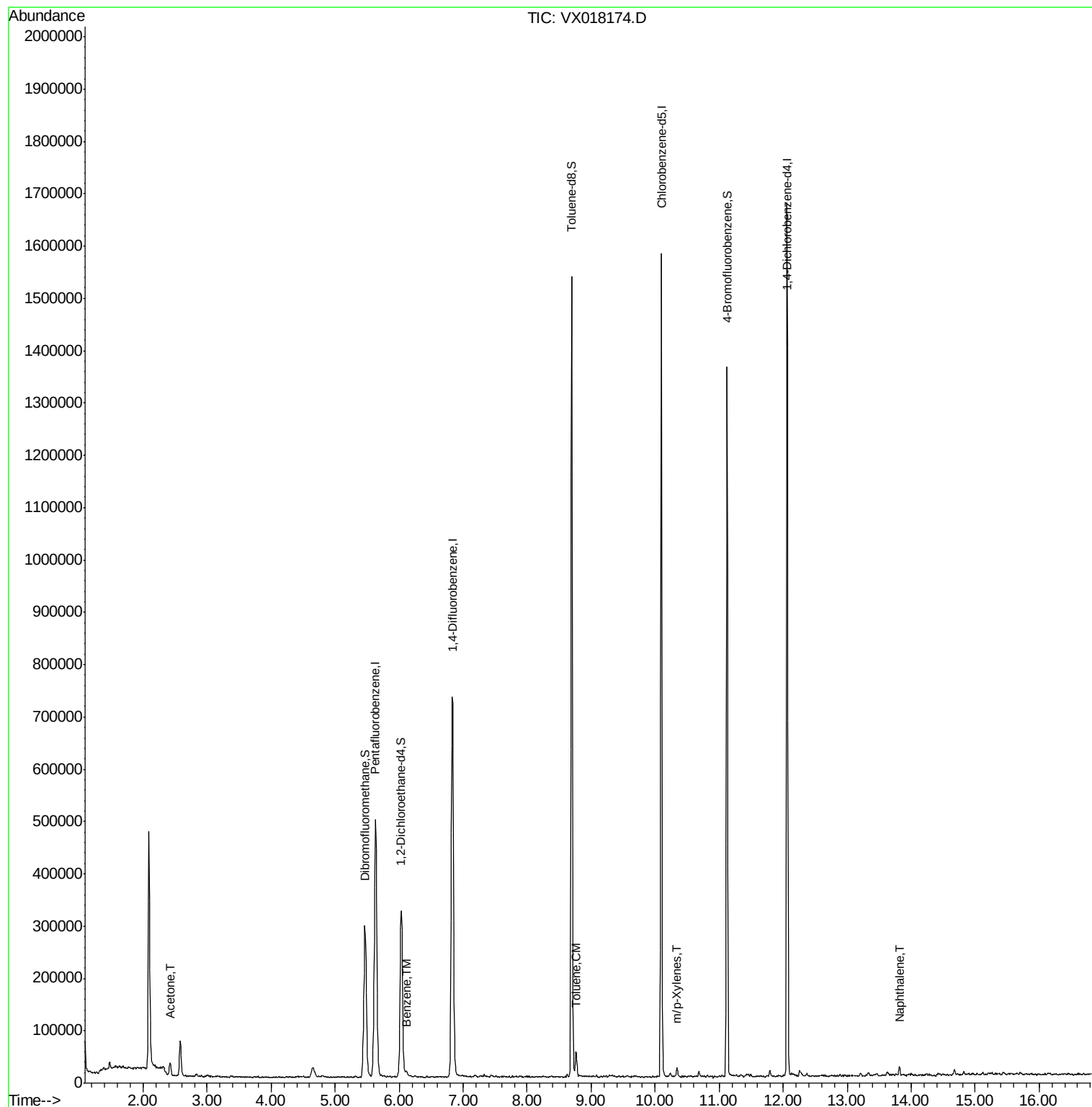
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	460818	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	734385	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	698813	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	339049	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	325276	50.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.70%	
35) Dibromofluoromethane	5.46	113	254336	50.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.70%	
50) Toluene-d8	8.70	98	896201	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.22%	
62) 4-Bromofluorobenzene	11.12	95	331533	45.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.46%	
Target Compounds						
16) Acetone	2.42	43	26800	10.751	ug/l	99
40) Benzene	6.12	78	11045	0.555	ug/l #	87
52) Toluene	8.76	92	16115	1.277	ug/l	95
68) m/p-Xylenes	10.34	106	4407	0.497	ug/l	92
95) Naphthalene	13.82	128	11765	0.525	ug/l #	88

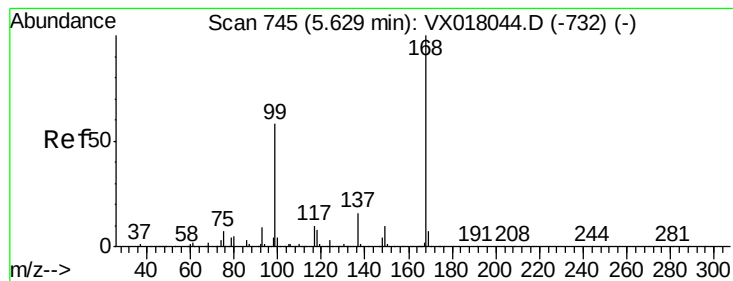
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018174.D

Acq: 01 Sep 2020 02:32

Instrument :

MSVOA_X

ClientSampleId :

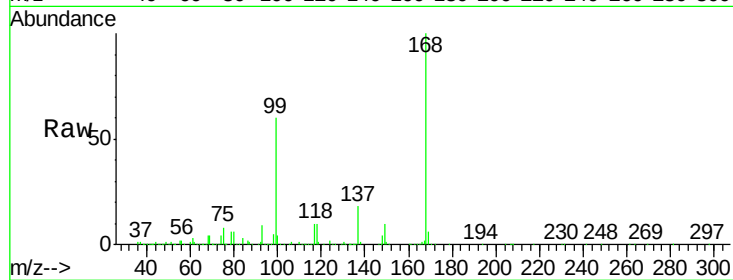
F06045

Tot Ion:168 Resp: 460818

Ion Ratio Lower Upper

168 100

99 60.1 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

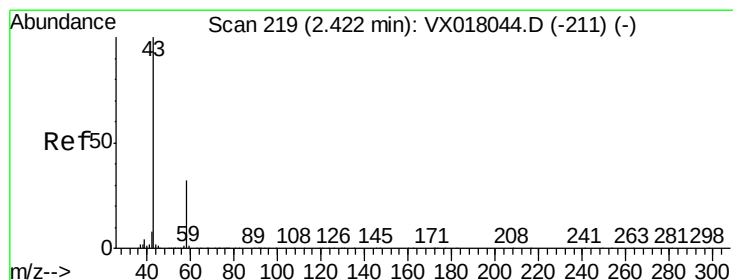
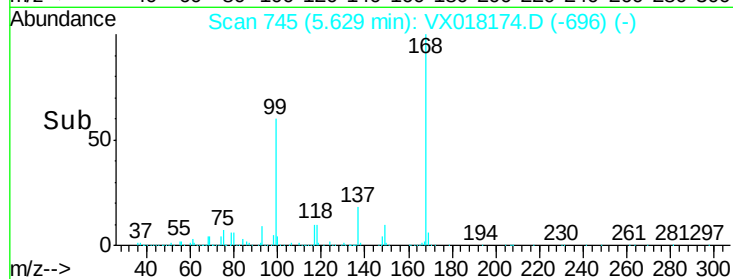
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 10.751 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX018174.D

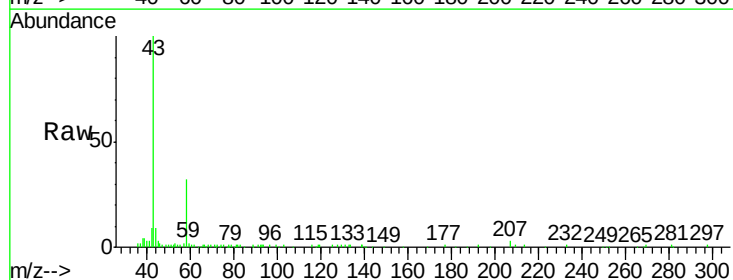
Acq: 01 Sep 2020 02:32

Tgt Ion: 43 Resp: 26800

Ion Ratio Lower Upper

43 100

58 32.4 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

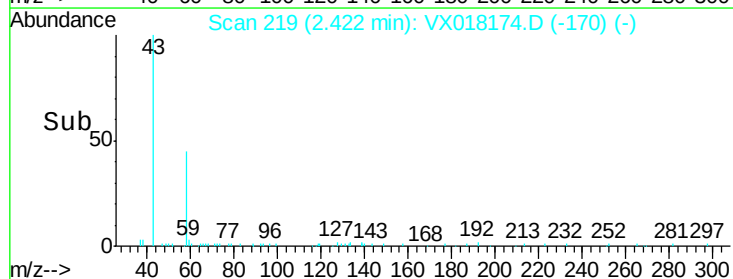
15000

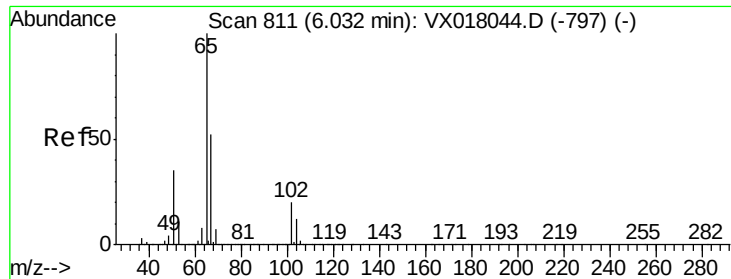
10000

5000

0

Time-->

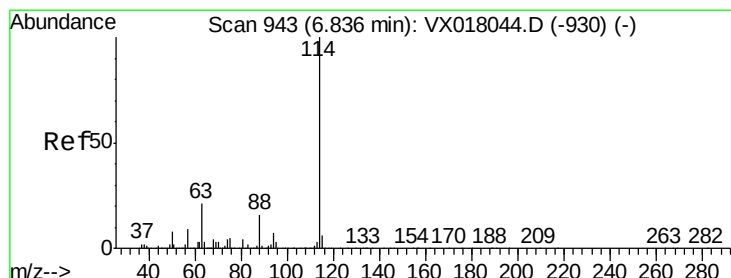
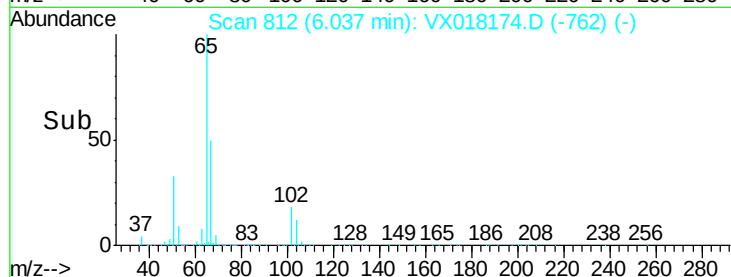
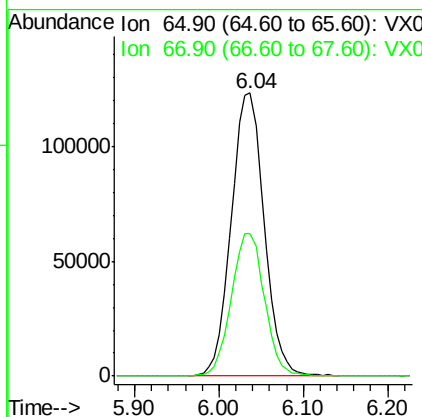
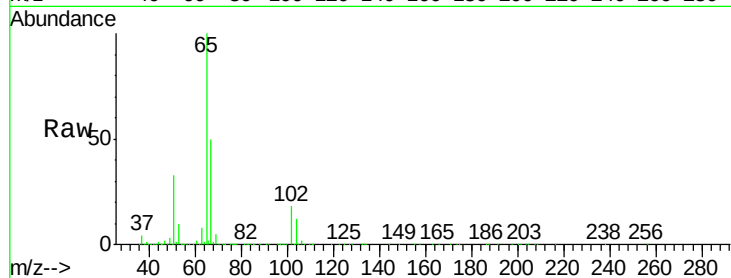




#33
 1,2-Dichloroethane-d4
 Concen: 50.846 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX018174.D
 Acq: 01 Sep 2020 02:32

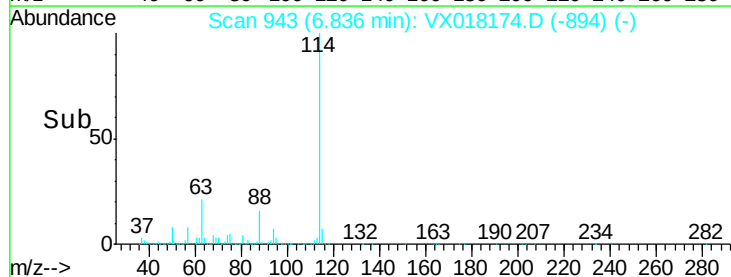
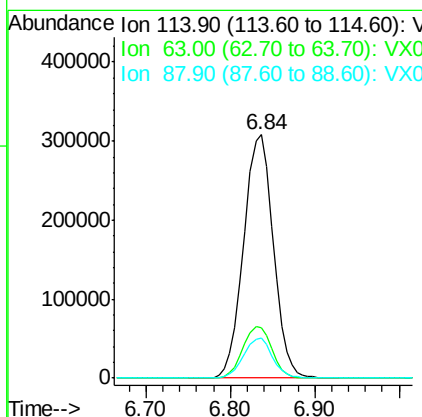
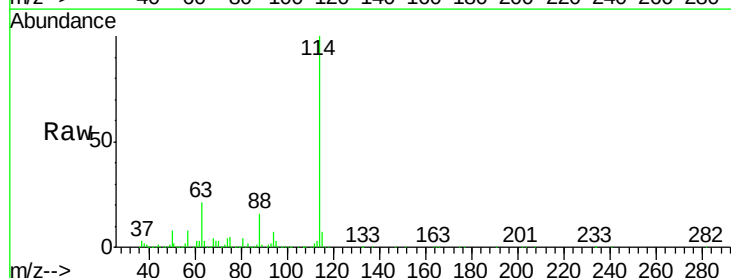
Instrument :
 MSVOA_X
 ClientSampled :
 F06045

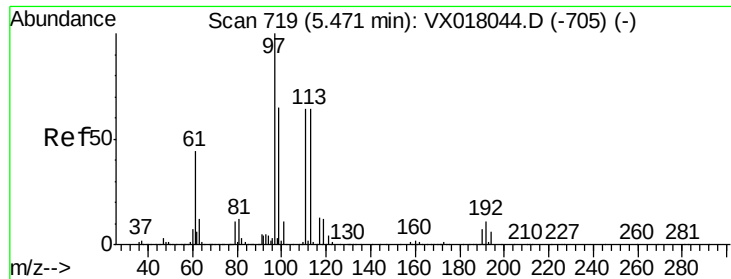
Tot Ion: 65 Resp: 325276
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. -0.00 min
 Lab File: VX018174.D
 Acq: 01 Sep 2020 02:32

Tgt Ion: 114 Resp: 734385
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 42.6
 88 16.3 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.852 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018174.D

Acq: 01 Sep 2020 02:32

Instrument :

MSVOA_X

ClientSampleId :

F06045

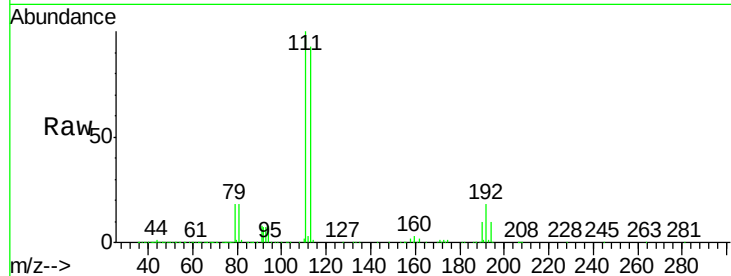
Tot Ion:113 Resp: 254336

Ion Ratio Lower Upper

113 100

111 101.0 81.6 122.4

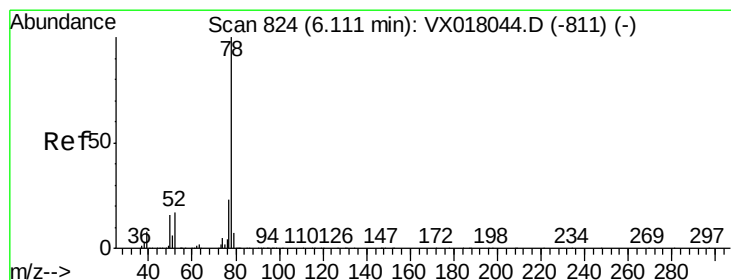
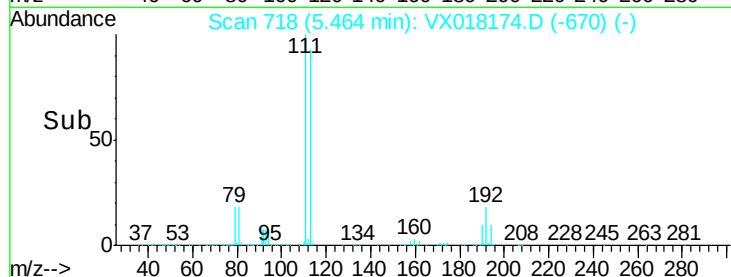
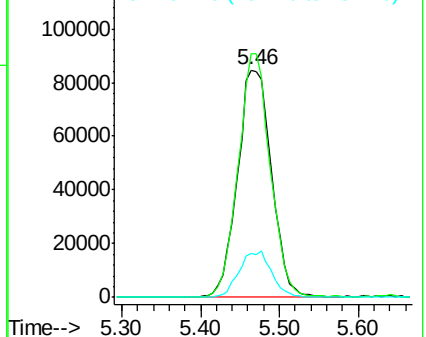
192 19.5 15.8 23.8



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



#40

Benzene

Concen: 0.555 ug/l

RT: 6.12 min Scan# 825

Delta R.T. 0.01 min

Lab File: VX018174.D

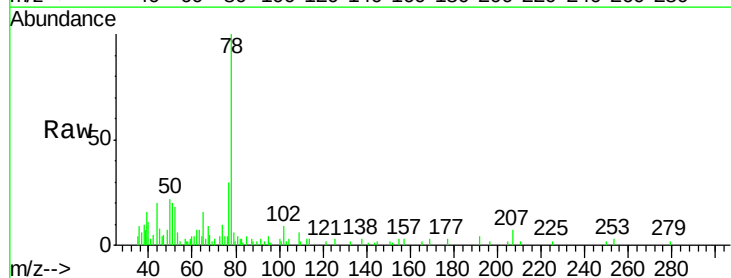
Acq: 01 Sep 2020 02:32

Tgt Ion: 78 Resp: 11045

Ion Ratio Lower Upper

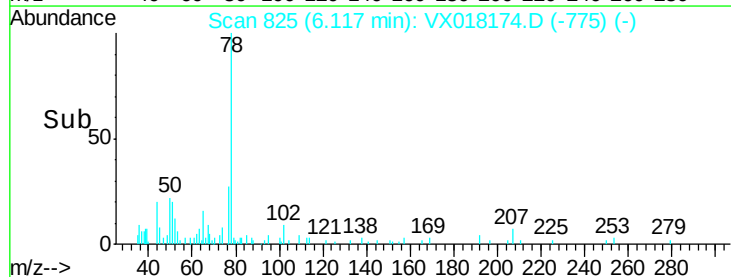
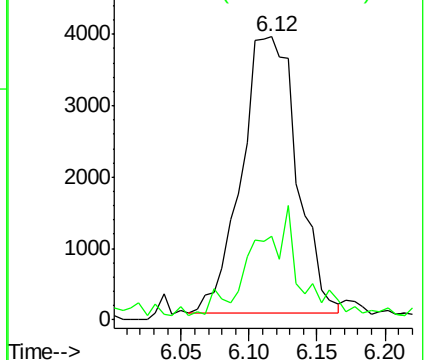
78 100

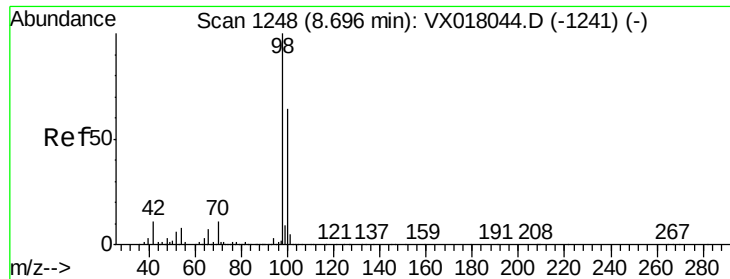
77 28.8 18.2 27.2#



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#50

Toluene-d8

Concen: 48.109 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018174.D

Acq: 01 Sep 2020 02:32

Instrument :

MSVOA_X

ClientSampleId :

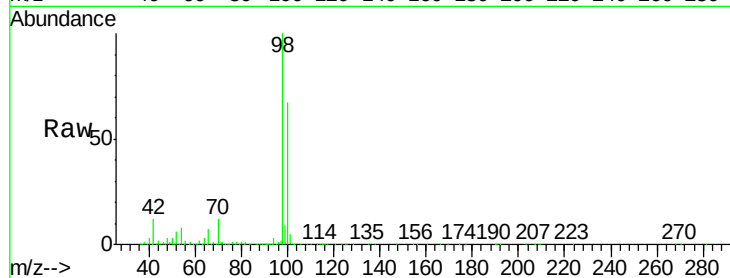
F06045

Tot Ion: 98 Resp: 896201

Ion Ratio Lower Upper

98 100

100 63.6 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

600000

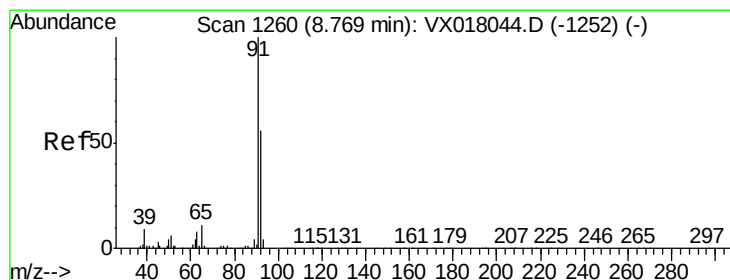
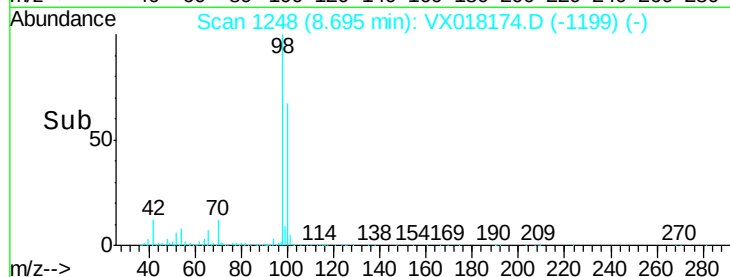
400000

200000

0

8.60 8.70 8.80

Time-->



#52

Toluene

Concen: 1.277 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018174.D

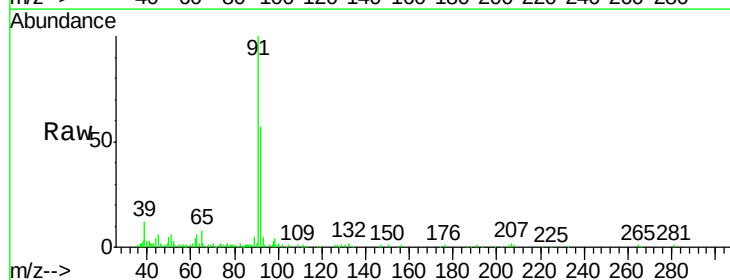
Acq: 01 Sep 2020 02:32

Tgt Ion: 92 Resp: 16115

Ion Ratio Lower Upper

92 100

91 182.9 140.3 210.5



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

20000

15000

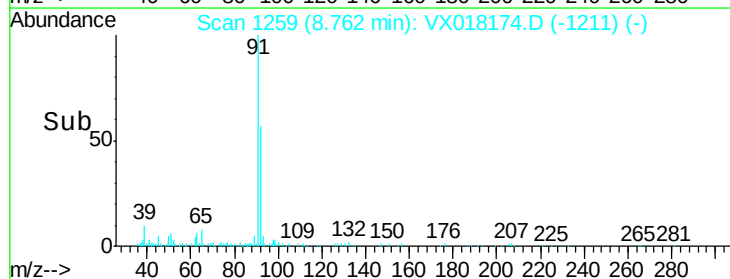
10000

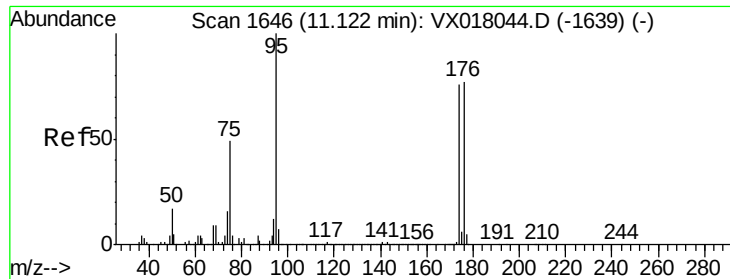
5000

0

8.70 8.75 8.80 8.85

Time-->

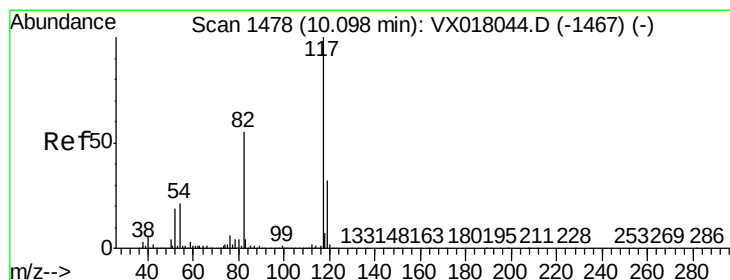
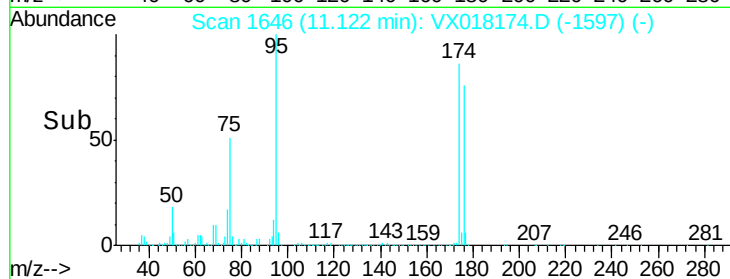
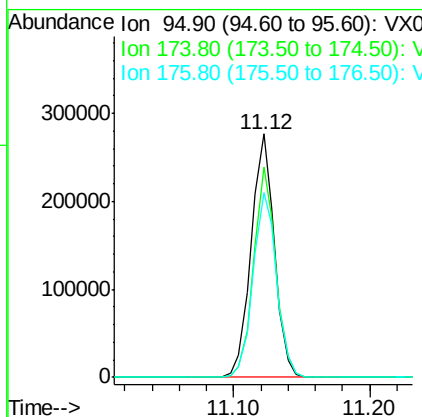
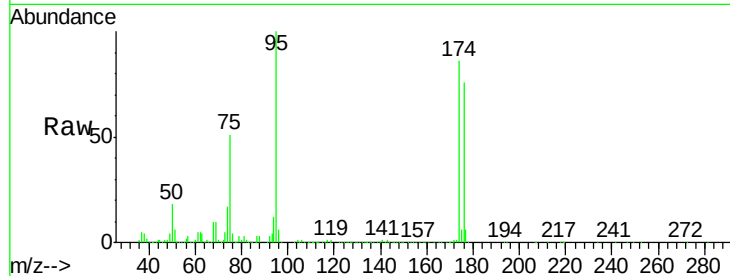




#62
4-Bromofluorobenzene
Concen: 45.235 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX018174.D
Acq: 01 Sep 2020 02:32

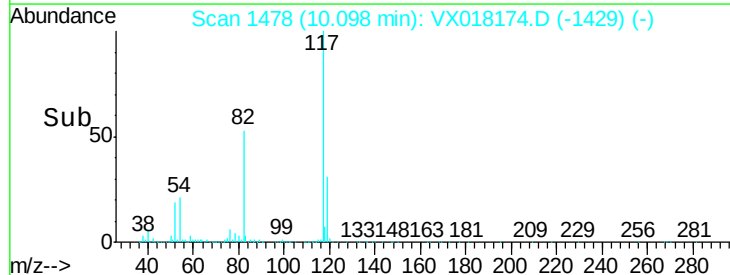
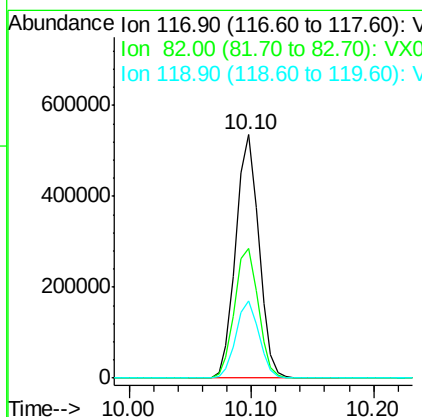
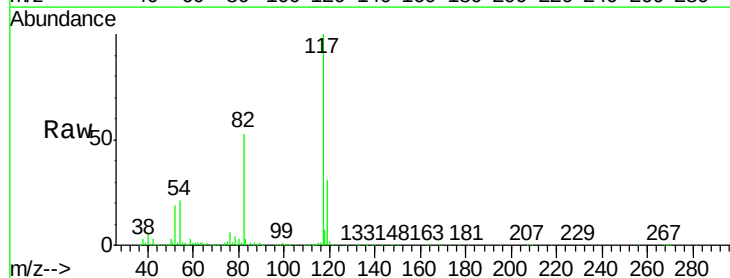
Instrument :
MSVOA_X
ClientSampleId :
F06045

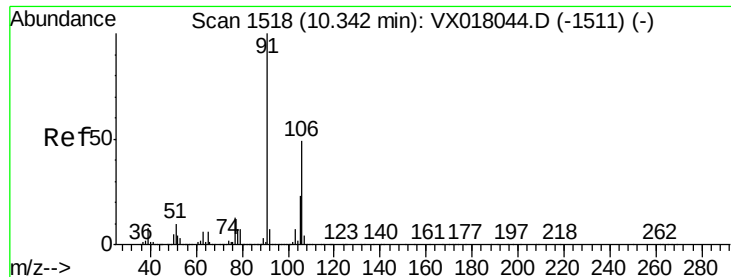
Tot Ion	Ratio	Lower	Upper
95	100		
174	83.0	0.0	160.2
176	77.3	0.0	155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018174.D
Acq: 01 Sep 2020 02:32

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.2	44.2	66.2
119	31.5	25.7	38.5

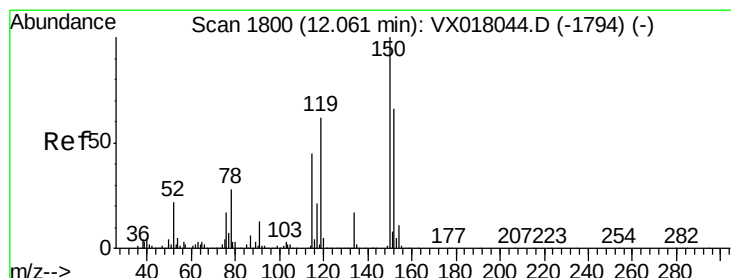
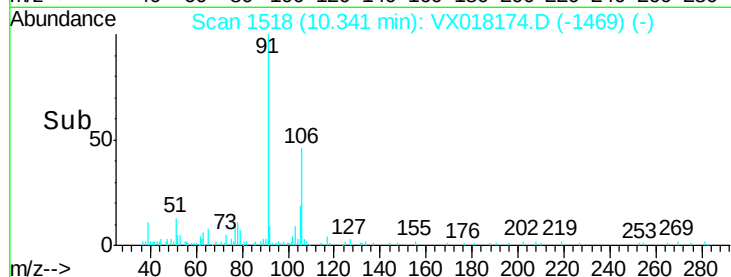
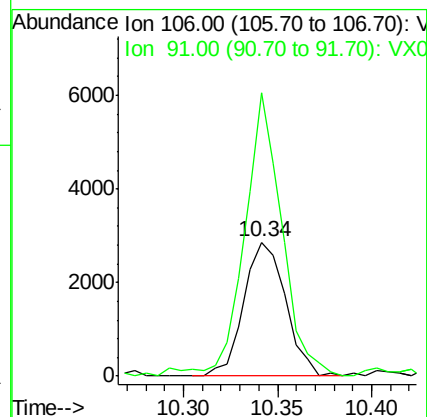
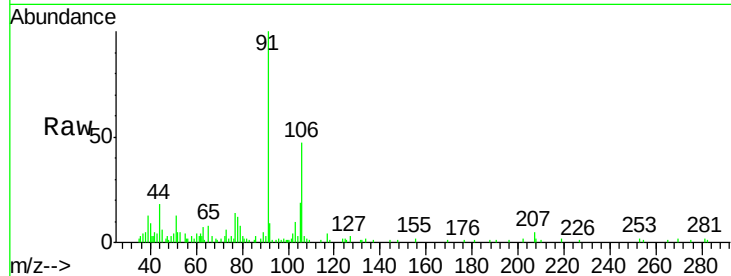




#68
m/p-Xvlenes
Concen: 0.497 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018174.D
Acq: 01 Sep 2020 02:32

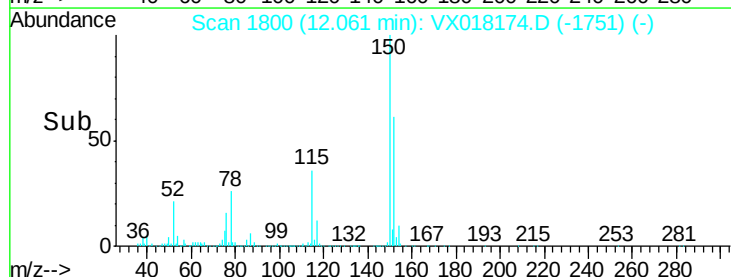
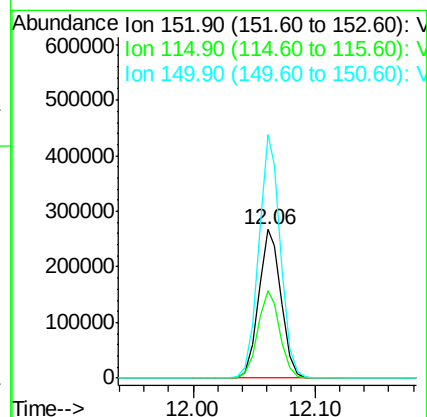
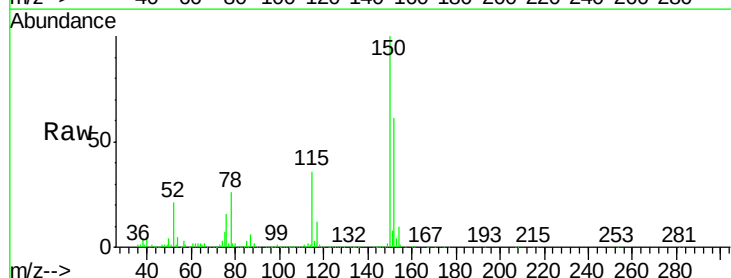
Instrument :
MSVOA_X
ClientSampleId :
F06045

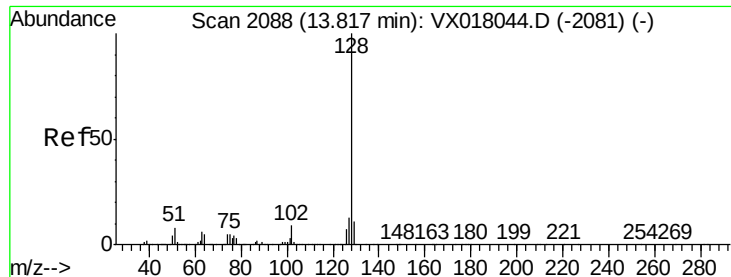
Tot Ion:106 Resp: 4407
Ion Ratio Lower Upper
106 100
91 190.1 162.2 243.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018174.D
Acq: 01 Sep 2020 02:32

Tgt Ion:152 Resp: 339049
Ion Ratio Lower Upper
152 100
115 58.1 41.5 124.5
150 159.5 0.0 343.8





#95

Naphthalene

Concen: 0.525 ug/l

RT: 13.82 min Scan# 2089

Delta R.T. 0.01 min

Lab File: VX018174.D

Acq: 01 Sep 2020 02:32

Instrument :

MSVOA_X

ClientSampleId :

F06045

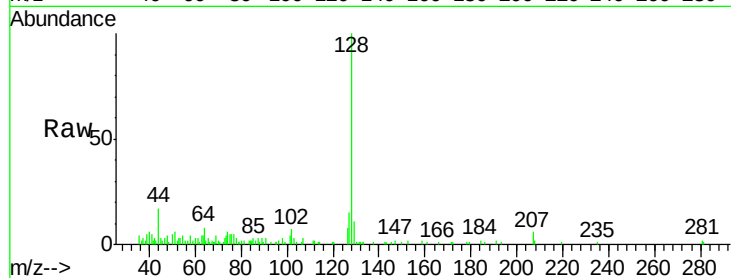
Tot Ion:128 Resp: 11765

Ion Ratio Lower Upper

128 100

127 16.3 10.2 15.2#

129 16.5 8.7 13.1#



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

