

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090819\
 Data File : VX012218.D
 Acq On : 08 Sep 2019 12:56
 Operator : SY/SP
 Sample : K4622-02
 Misc : 5.48g/5.0mL/MSVOA X/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PAR-11-A1-(0)

Quant Time: Sep 09 02:16:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

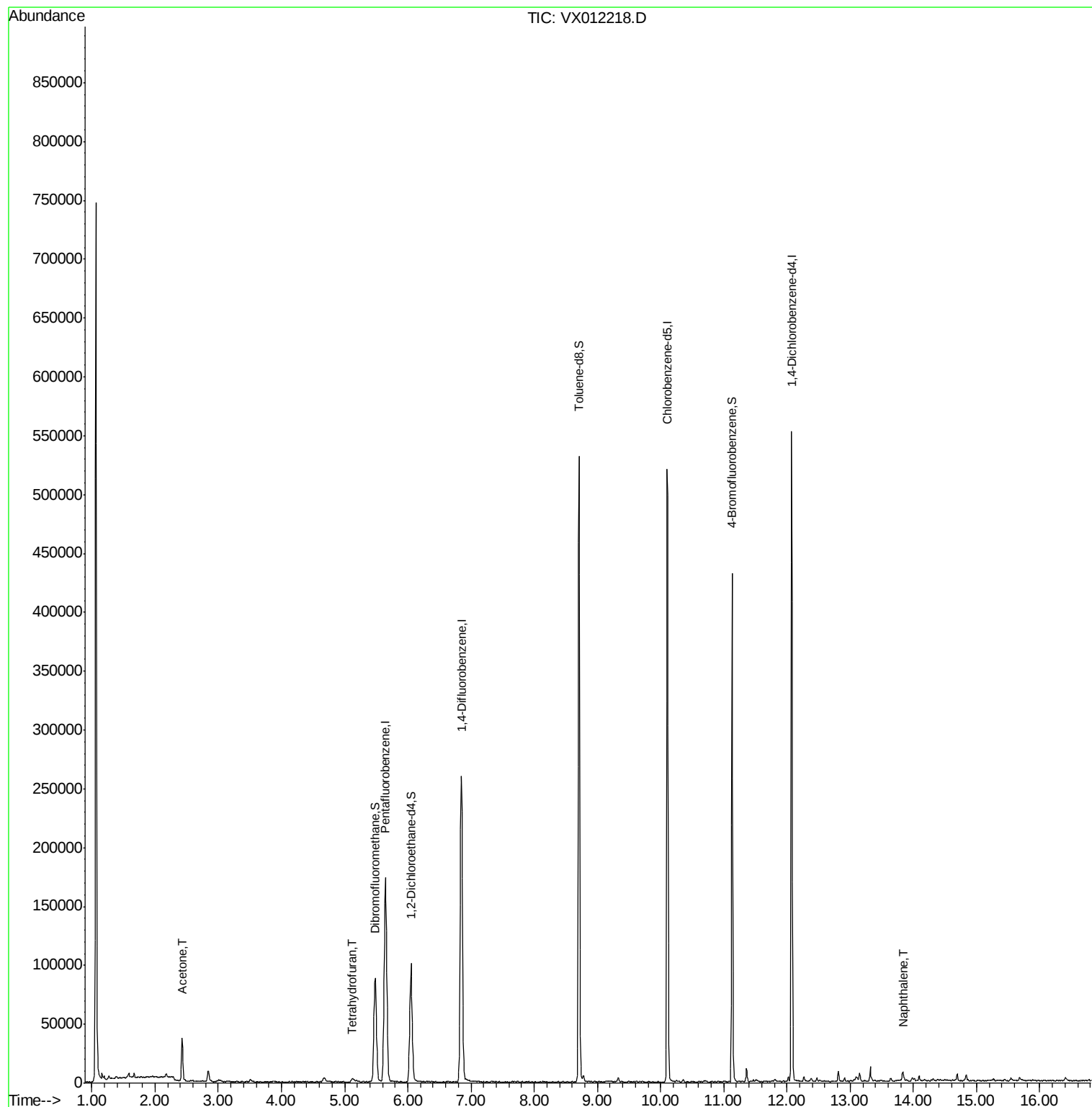
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	147252	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	252056	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	224273	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	101797	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	99346	48.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.80%	
35) Dibromofluoromethane	5.48	113	74390	47.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.98%	
50) Toluene-d8	8.71	98	296119	52.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.12%	
62) 4-Bromofluorobenzene	11.14	95	119332	45.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.22%	
Target Compounds						
16) Acetone	2.43	43	40396	83.181	ug/l	99
29) Tetrahydrofuran	5.12	42	2899	7.783	ug/l	88
95) Naphthalene	13.83	128	4759	1.025	ug/l	98

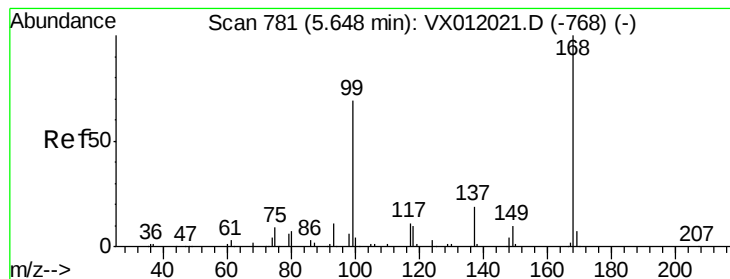
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 03 15:26:48 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

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Acq: 08 Sep 2019 12:56

Instrument :

MSVOA_X

ClientSampleId :

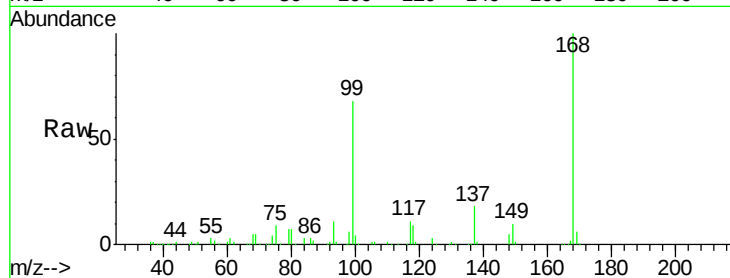
PAR-11-A1-(0)

Tot Ion:168 Resp: 147252

Ion Ratio Lower Upper

168 100

99 68.0 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

30000

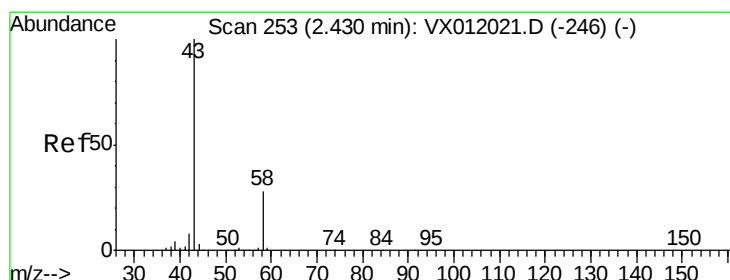
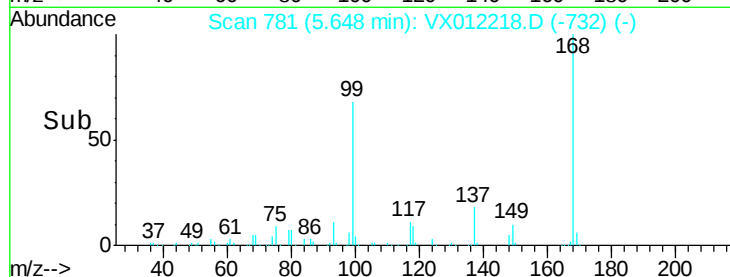
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 83.181 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012218.D

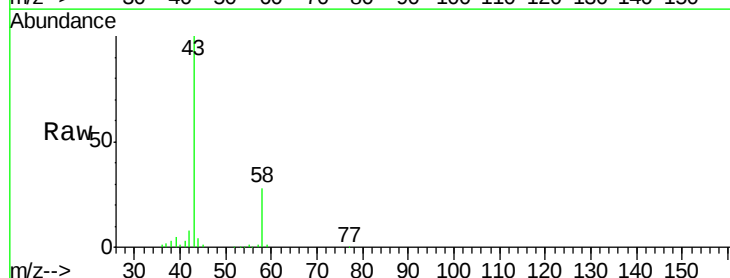
Acq: 08 Sep 2019 12:56

Tgt Ion: 43 Resp: 40396

Ion Ratio Lower Upper

43 100

58 27.8 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

25000

20000

15000

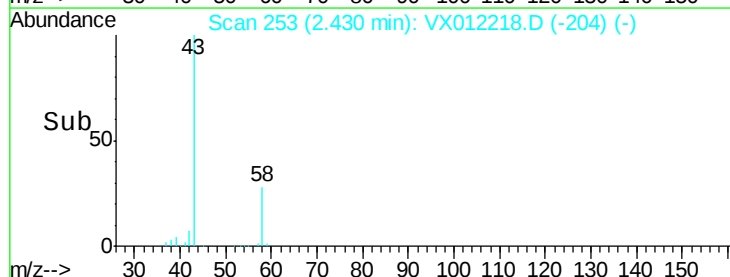
10000

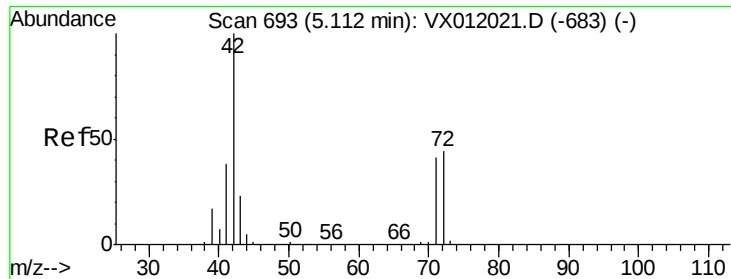
5000

0

Time-->

2.40 2.50

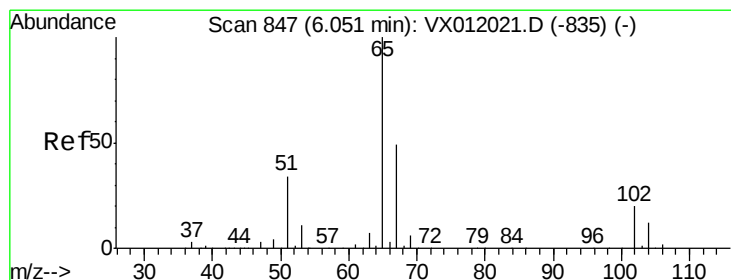
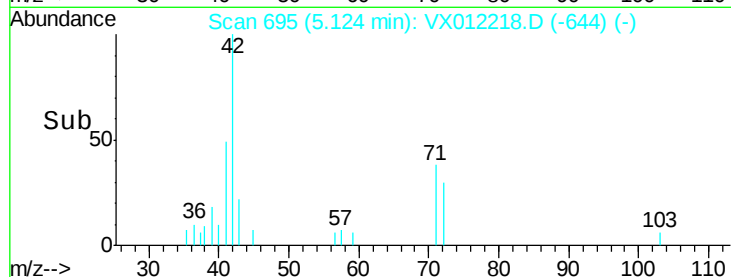
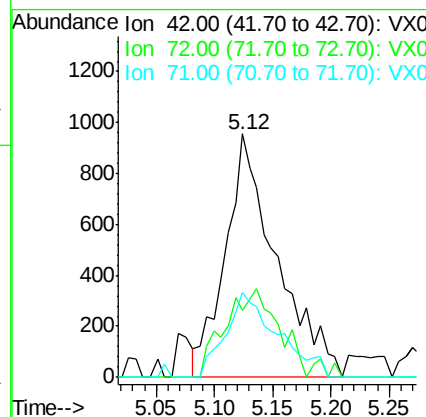
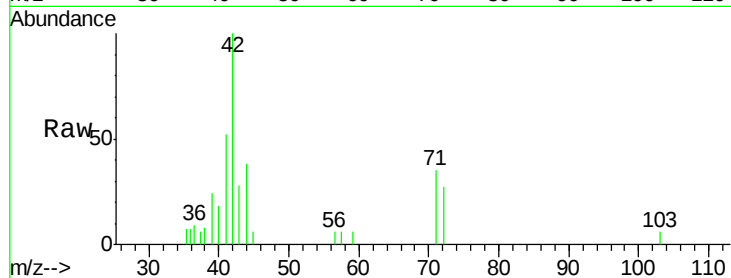




#29
Tetrahydrofuran
Concen: 7.783 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX012218.D
Acq: 08 Sep 2019 12:56

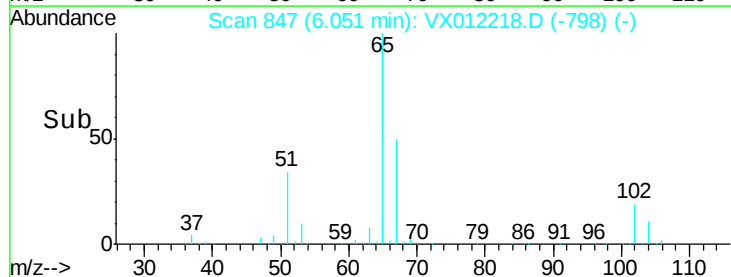
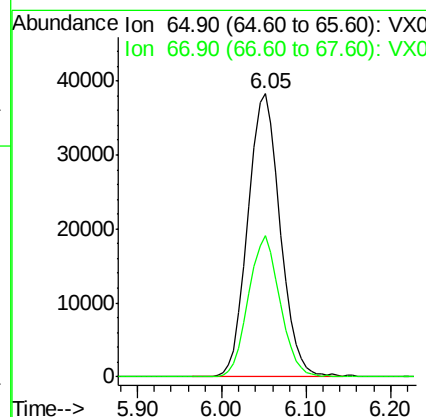
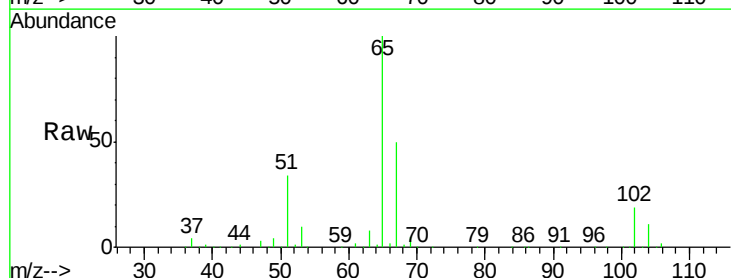
Instrument :
MSVOA_X
ClientSampleId :
PAR-11-A1-(0)

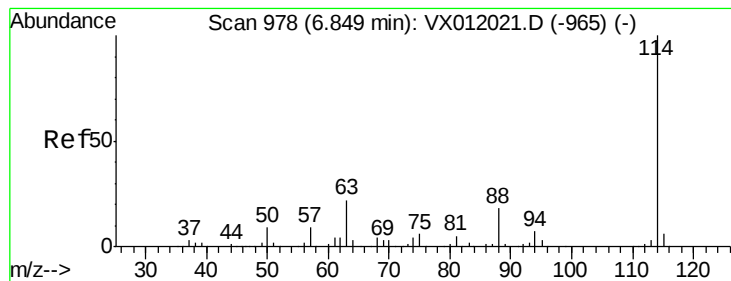
Tot Ion: 42 Resp: 2899
Ion Ratio Lower Upper
42 100
72 38.0 37.0 55.4
71 35.5 33.8 50.8



#33
1,2-Dichloroethane-d4
Concen: 48.896 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX012218.D
Acq: 08 Sep 2019 12:56

Tgt Ion: 65 Resp: 99346
Ion Ratio Lower Upper
65 100
67 48.9 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012218.D

Acq: 08 Sep 2019 12:56

Instrument :

MSVOA_X

ClientSampleId :

PAR-11-A1-(0)

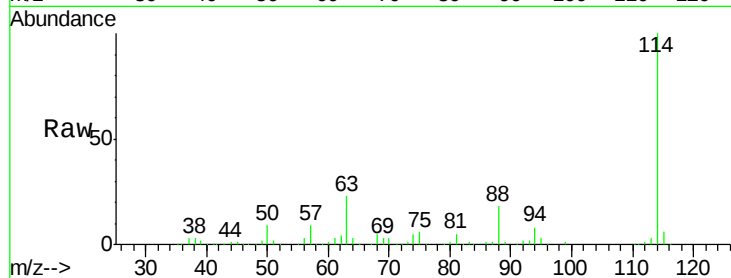
Tot Ion:114 Resp: 252056

Ion Ratio Lower Upper

114 100

63 23.2 0.0 37.4

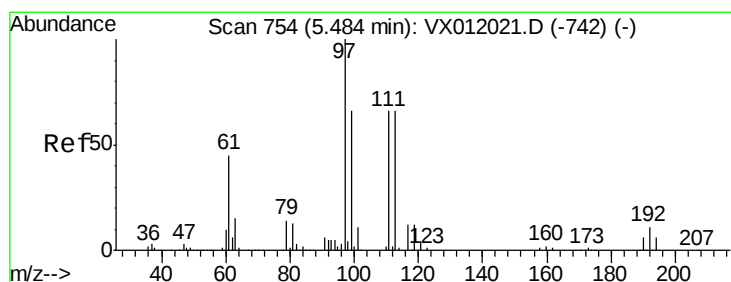
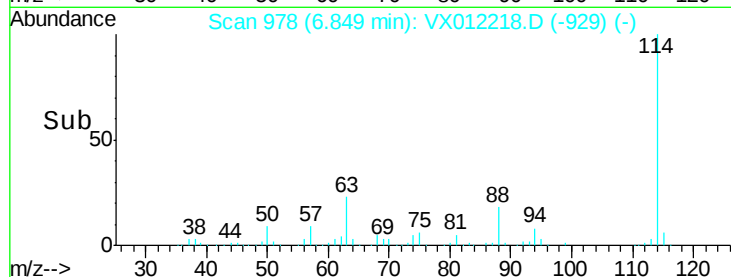
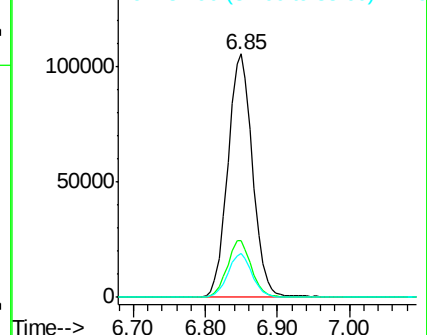
88 17.9 0.0 29.6



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: 47.991 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012218.D

Acq: 08 Sep 2019 12:56

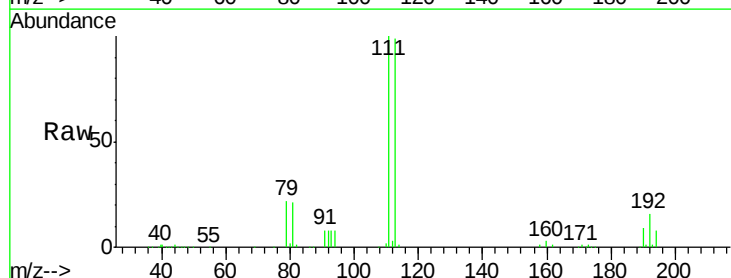
Tgt Ion:113 Resp: 74390

Ion Ratio Lower Upper

113 100

111 102.7 81.7 122.5

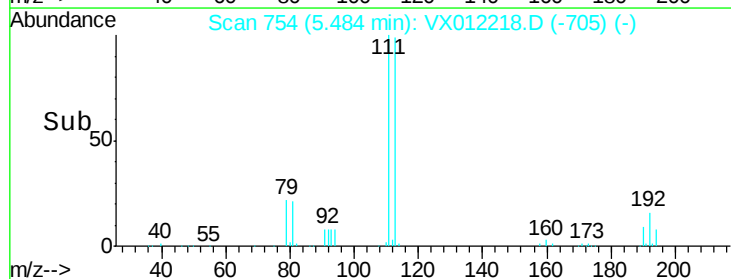
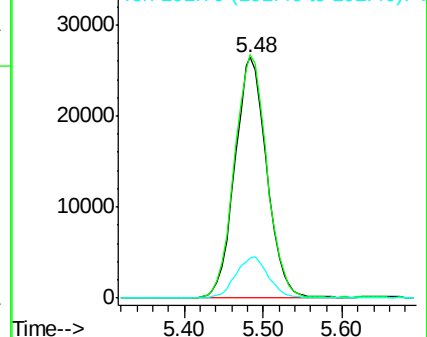
192 17.6 22.5 33.7#

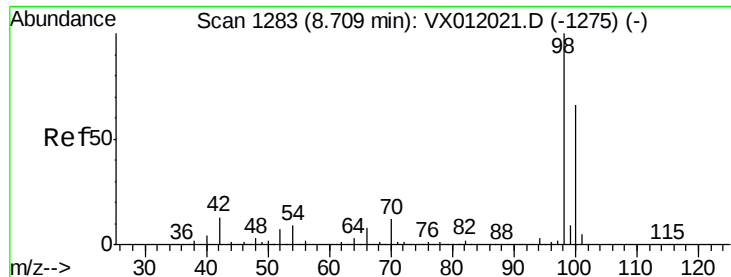


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

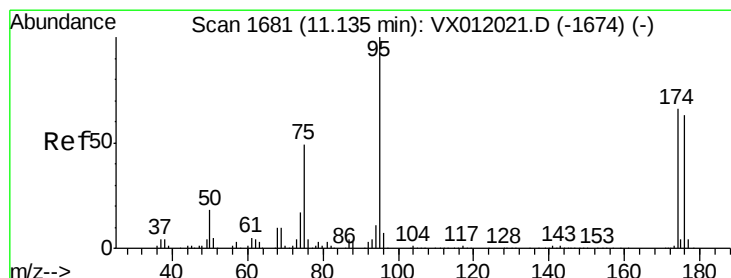
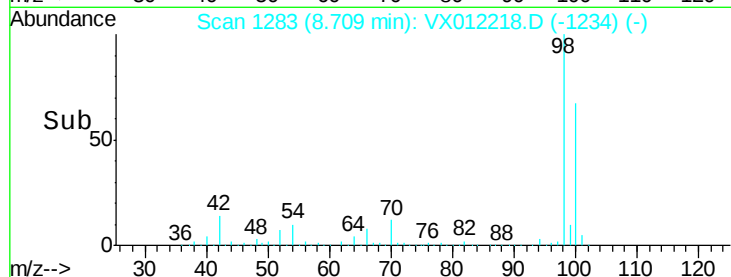
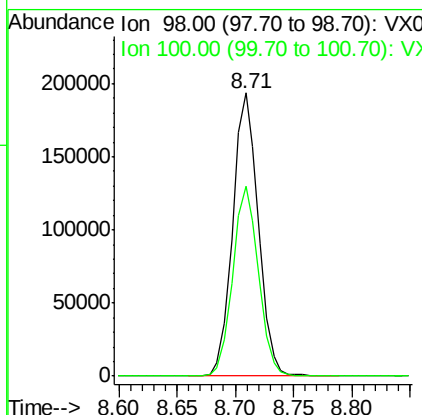
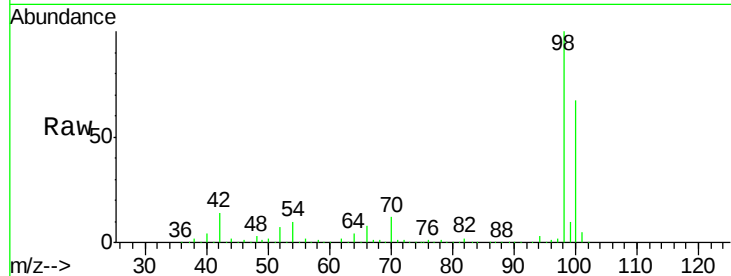




#50
Toluene-d8
Concen: 52.060 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012218.D
Acq: 08 Sep 2019 12:56

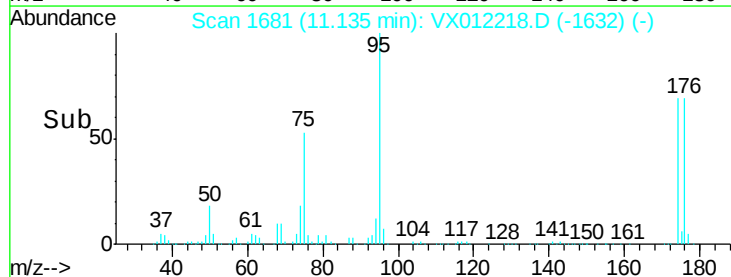
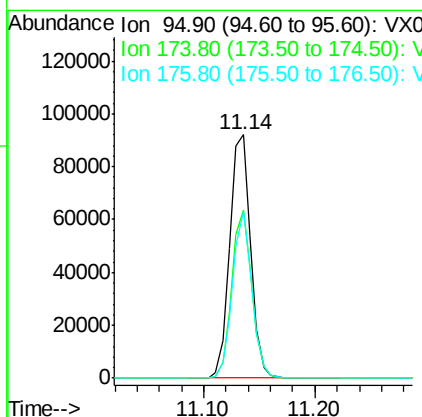
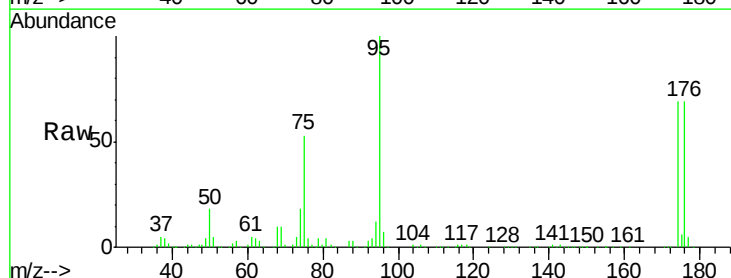
Instrument :
MSVOA_X
ClientSampleId :
PAR-11-A1-(0)

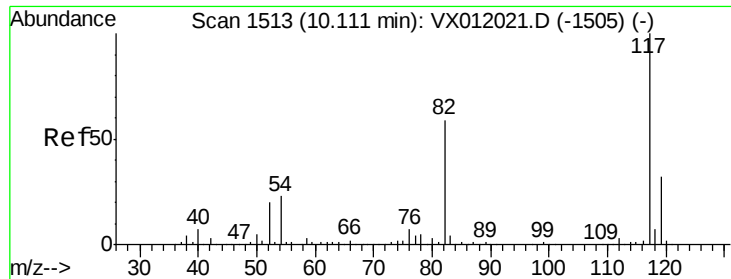
Tot Ion: 98 Resp: 296119
Ion Ratio Lower Upper
98 100
100 67.4 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 45.111 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012218.D
Acq: 08 Sep 2019 12:56

Tgt Ion: 95 Resp: 119332
Ion Ratio Lower Upper
95 100
174 66.2 0.0 205.4
176 63.9 0.0 201.8

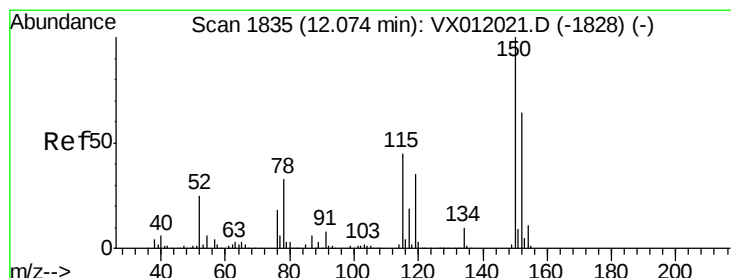
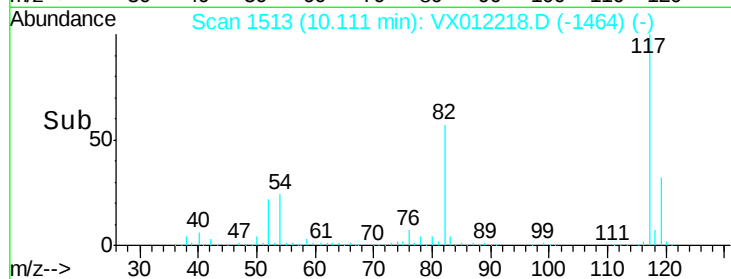
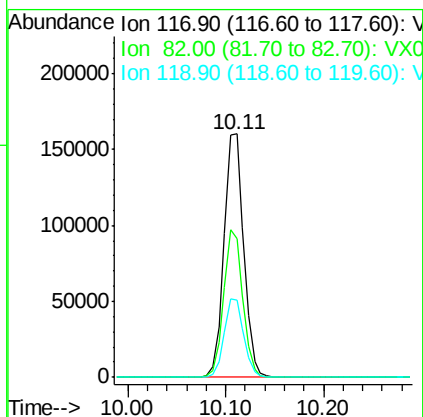
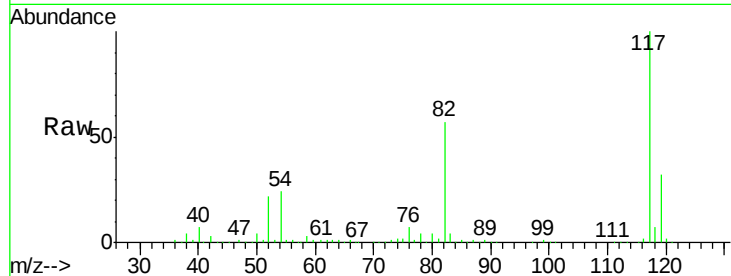




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012218.D
Acq: 08 Sep 2019 12:56

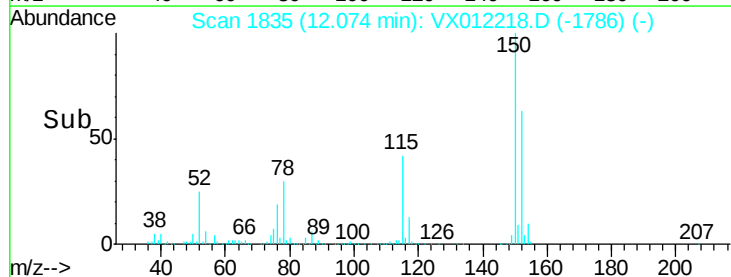
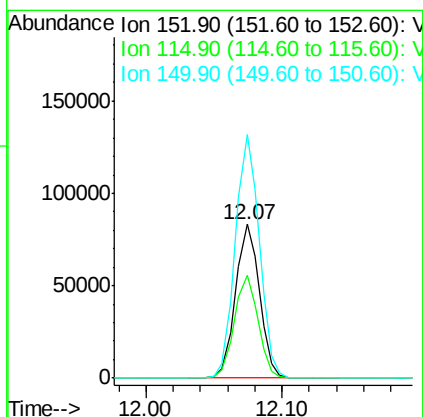
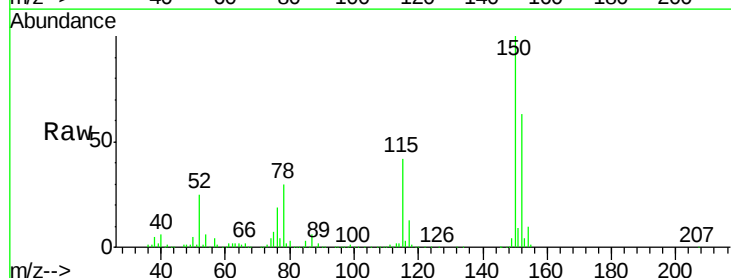
Instrument :
MSVOA_X
ClientSampleId :
PAR-11-A1-(0)

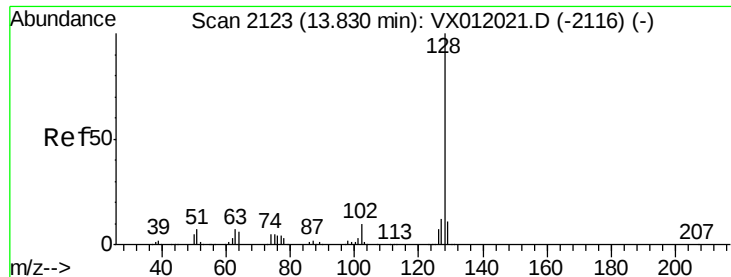
Tot Ion:117 Resp: 224273
Ion Ratio Lower Upper
117 100
82 57.1 39.4 59.0
119 31.7 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012218.D
Acq: 08 Sep 2019 12:56

Tgt Ion:152 Resp: 101797
Ion Ratio Lower Upper
152 100
115 66.4 36.4 109.3
150 159.3 0.0 341.2

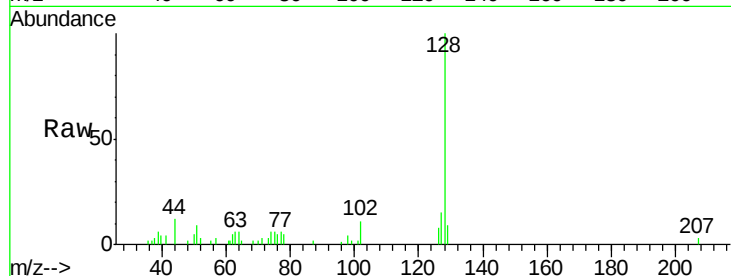




#95
Naphthalene
Concen: 1.025 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012218.D
Acq: 08 Sep 2019 12:56

Instrument :
MSVOA_X
ClientSampleId :
PAR-11-A1-(0)

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.5	15.7
129	11.7	8.8	13.2



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

