

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF112918\
 Data File : VF060879.D
 Acq On : 29 Nov 2018 21:08
 Operator : VA/AP
 Sample : J5761-01
 Misc : 4.58g/5mL/MSVOA-F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 AU-06-112918

Quant Time: Nov 30 06:41:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 27 01:36:26 2018
 Response via : Initial Calibration

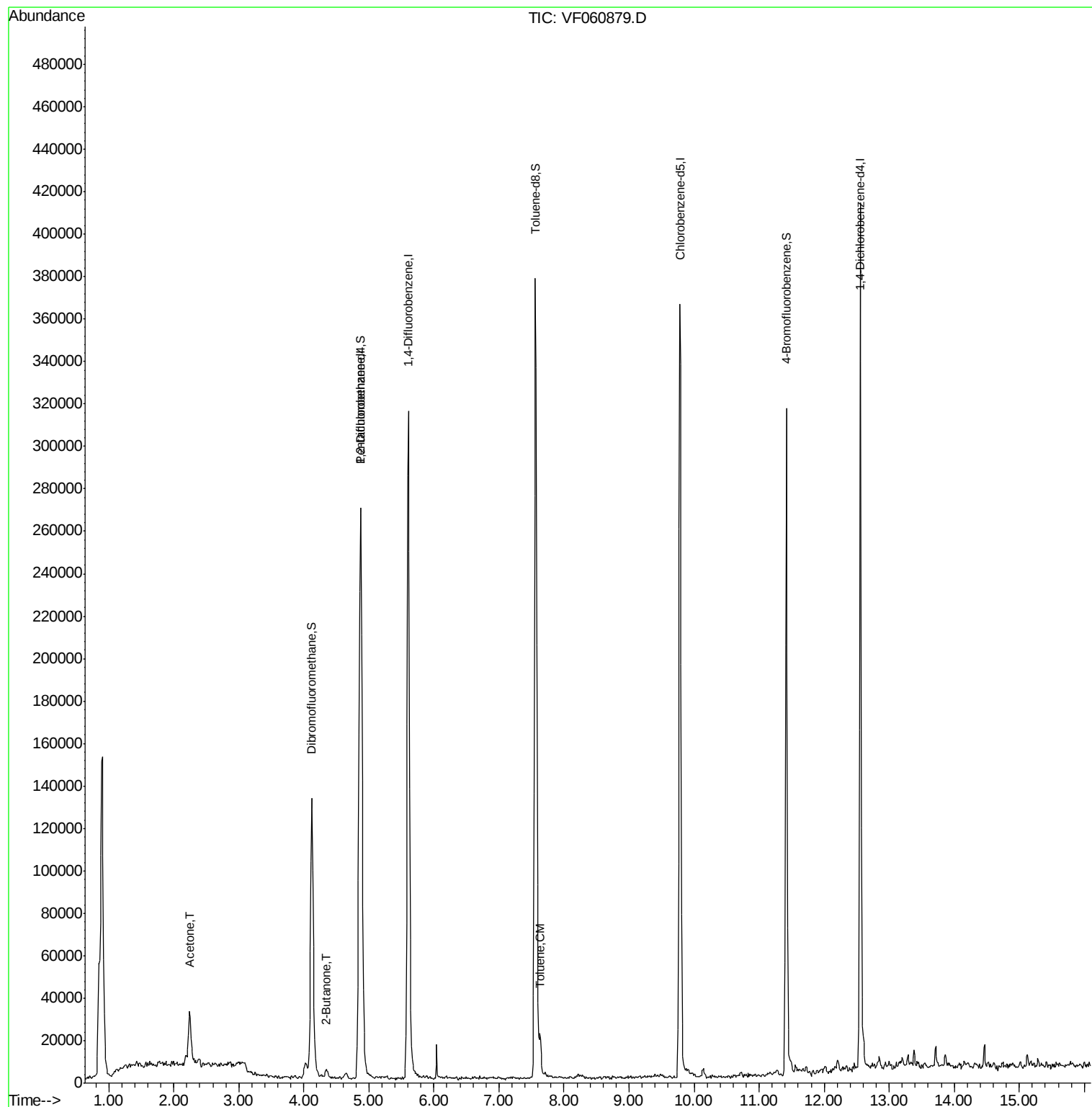
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	194358	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.61	114	335548	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.78	117	268354	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.55	152	102041	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	116382	50.83	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	101.66%	
35) Dibromofluoromethane	4.12	113	126497	47.52	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	95.04%	
50) Toluene-d8	7.56	98	321122	40.95	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	81.90%	
62) 4-Bromofluorobenzene	11.42	95	117775	33.05	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	66.10%	
Target Compounds						
16) Acetone	2.24	43	42924	101.664	ug/l #	92
25) 2-Butanone	4.34	43	8452	11.574	ug/l #	85
52) Toluene	7.63	92	8778	1.520	ug/l	99

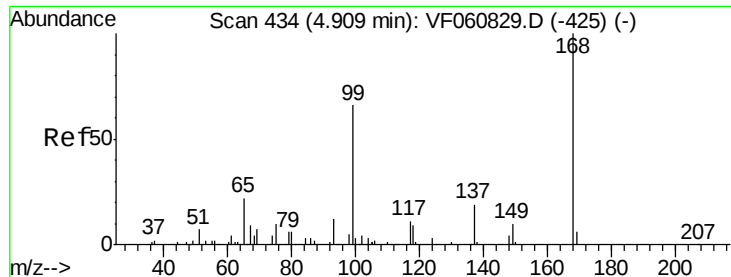
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.88 min Scan# 431

Delta R.T. -0.03 min

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ClientSampleId :

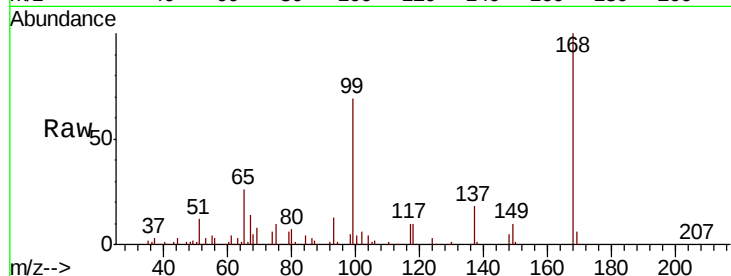
AU-06-112918

Tot Ion:168 Resp: 194358

Ion Ratio Lower Upper

168 100

99 69.2 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.88

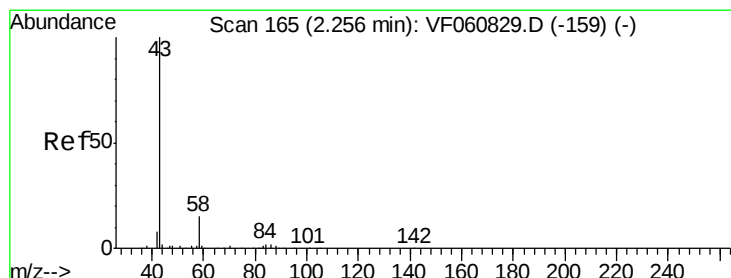
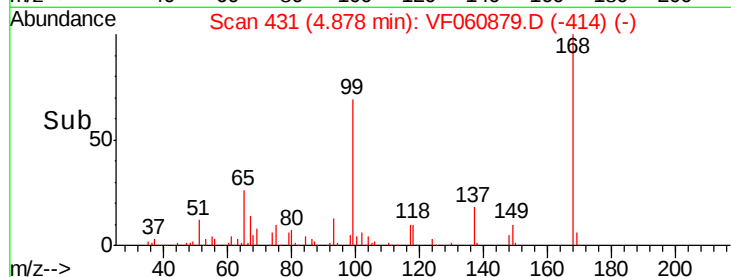
60000

40000

20000

0

Time--> 4.70 4.80 4.90 5.00



#16

Acetone

Concen: 101.664 ug/l

RT: 2.24 min Scan# 164

Delta R.T. -0.01 min

Lab File: VF060879.D

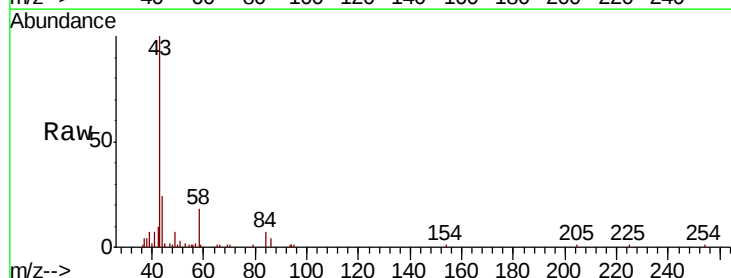
Acq: 29 Nov 2018 21:08

Tgt Ion: 43 Resp: 42924

Ion Ratio Lower Upper

43 100

58 17.6 11.4 17.2#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.24

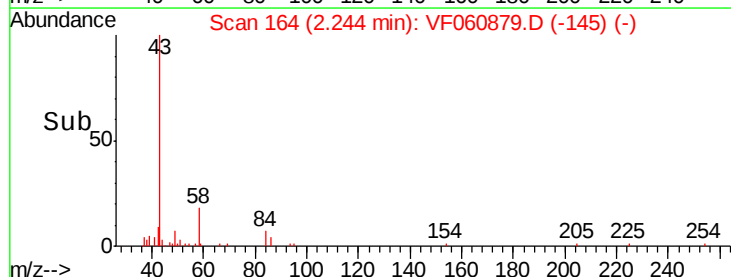
15000

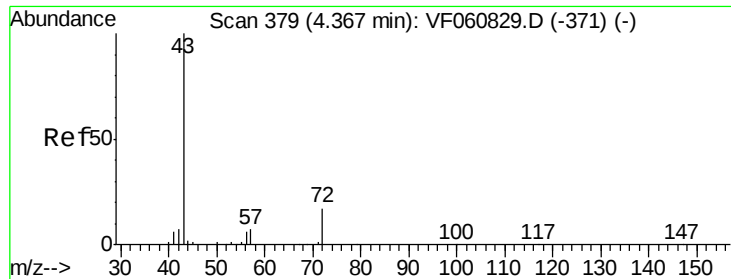
10000

5000

0

Time--> 2.10 2.20 2.30 2.40





#25

2-Butanone

Concen: 11.574 ug/l

RT: 4.34 min Scan# 377

Delta R.T. -0.02 min

Lab File: VF060879.D

Acq: 29 Nov 2018 21:08

Instrument :

MSVOA_F

ClientSampleId :

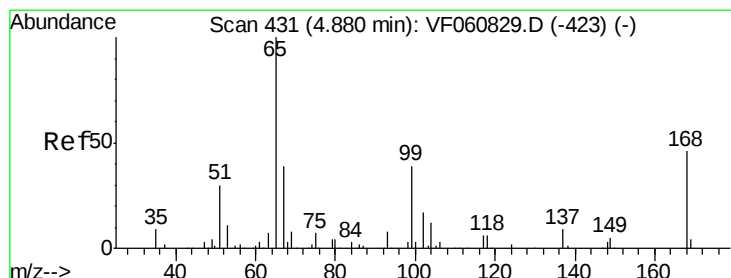
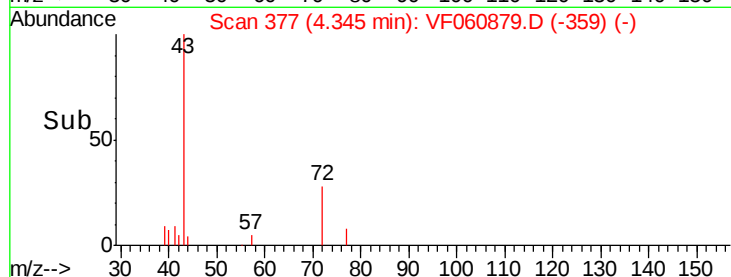
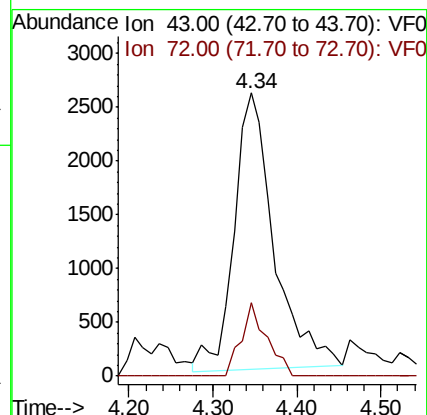
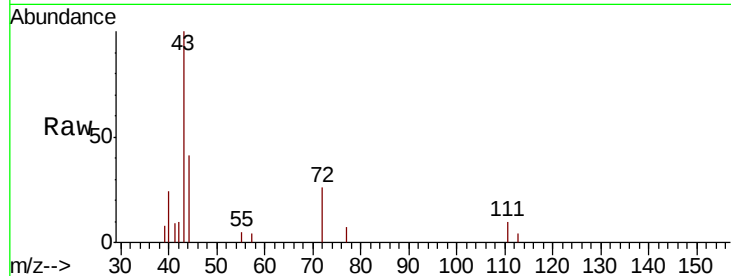
AU-06-112918

Tot Ion: 43 Resp: 8452

Ion Ratio Lower Upper

43 100

72 26.0 15.4 23.2#



#33

1,2-Dichloroethane-d4

Concen: 50.831 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.02 min

Lab File: VF060879.D

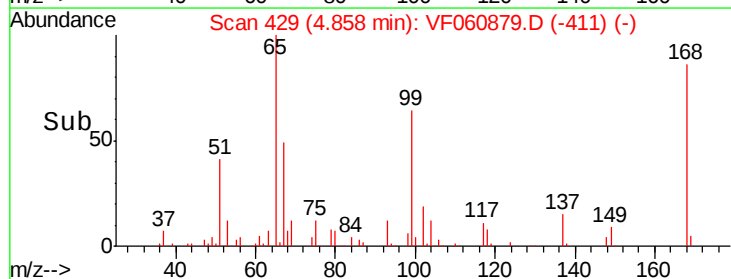
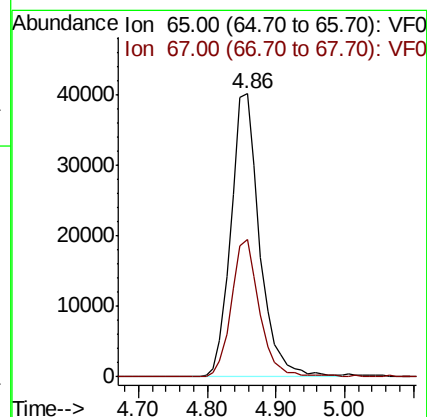
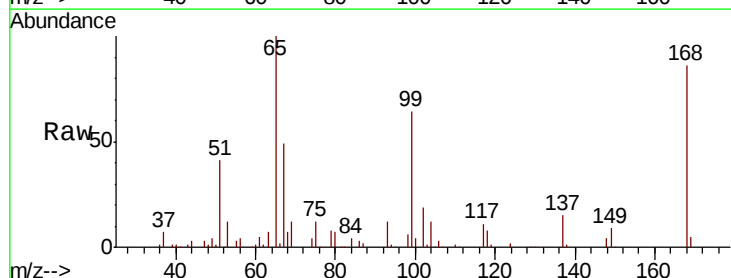
Acq: 29 Nov 2018 21:08

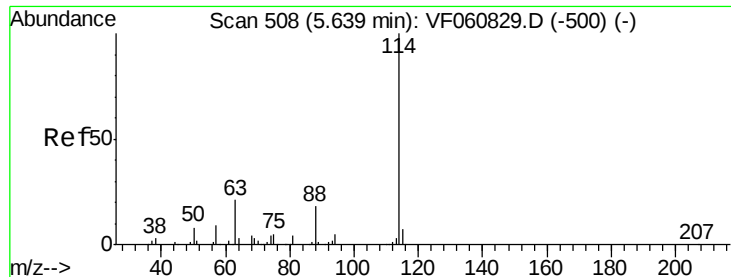
Tgt Ion: 65 Resp: 116382

Ion Ratio Lower Upper

65 100

67 48.6 0.0 96.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.61 min Scan# 505

Delta R.T. -0.03 min

Lab File: VF060879.D

Acq: 29 Nov 2018 21:08

Instrument :

MSVOA_F

ClientSampleId :

AU-06-112918

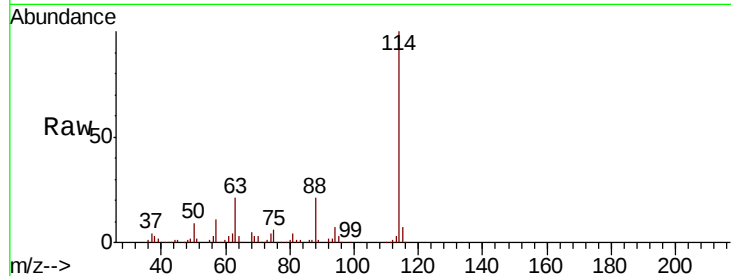
Tot Ion:114 Resp: 33548

Ion Ratio Lower Upper

114 100

63 21.4 0.0 41.6

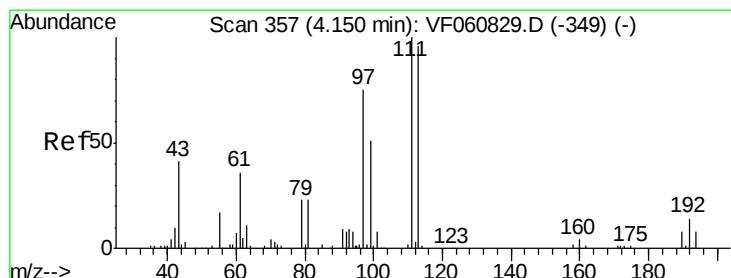
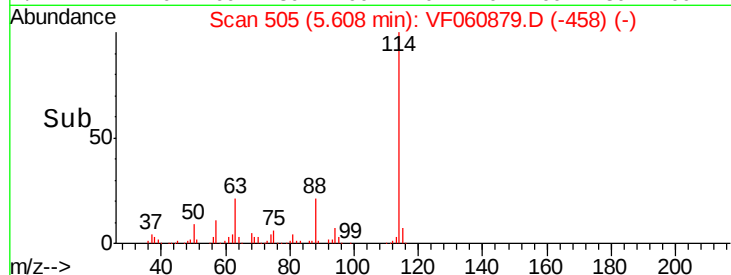
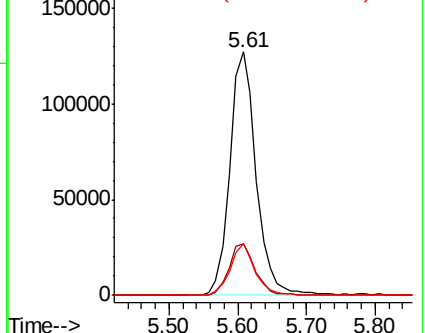
88 21.0 0.0 36.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 47.520 ug/l

RT: 4.12 min Scan# 354

Delta R.T. -0.03 min

Lab File: VF060879.D

Acq: 29 Nov 2018 21:08

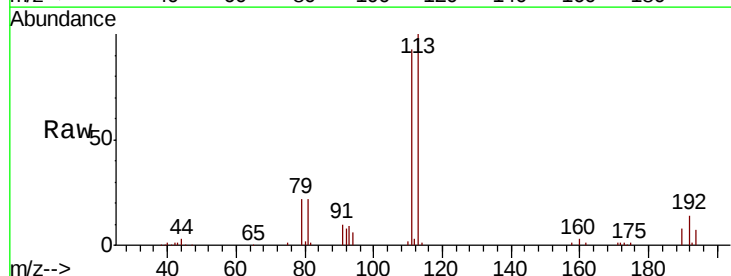
Tgt Ion:113 Resp: 126497

Ion Ratio Lower Upper

113 100

111 92.5 83.0 124.6

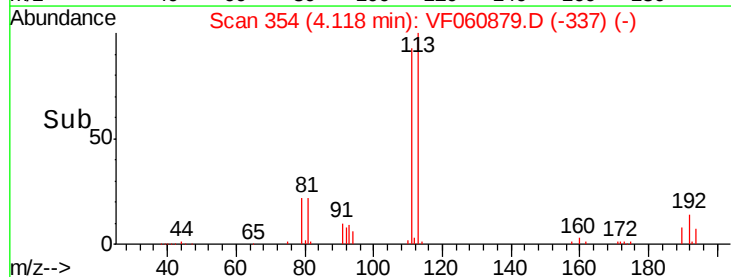
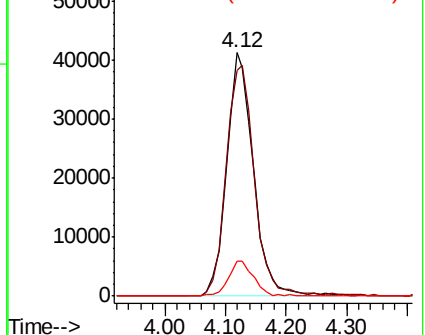
192 14.3 12.3 18.5

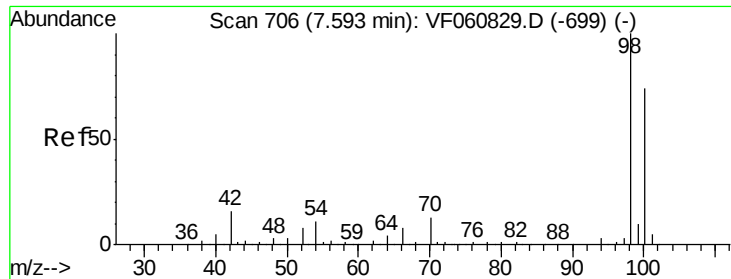


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

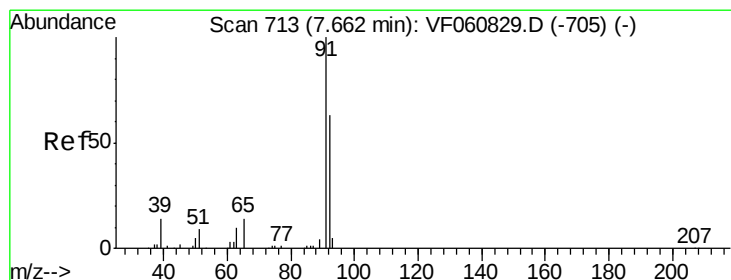
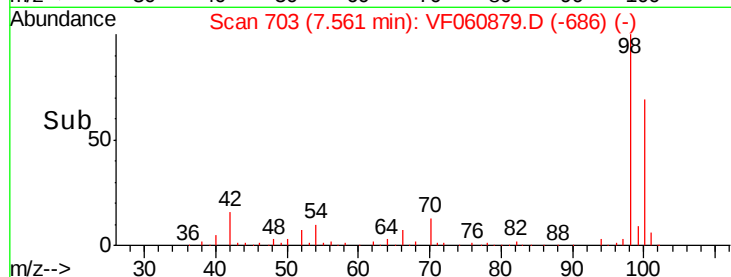
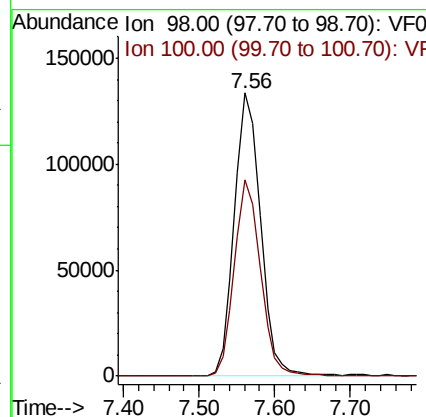
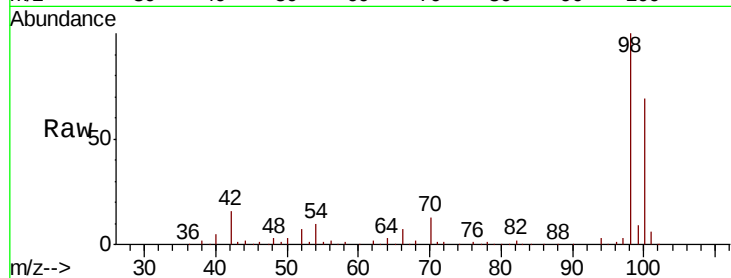




#50
Toluene-d8
Concen: 40.952 ug/l
RT: 7.56 min Scan# 703
Delta R.T. -0.03 min
Lab File: VF060879.D
Acq: 29 Nov 2018 21:08

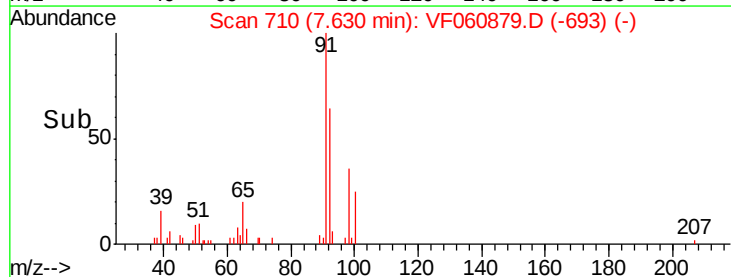
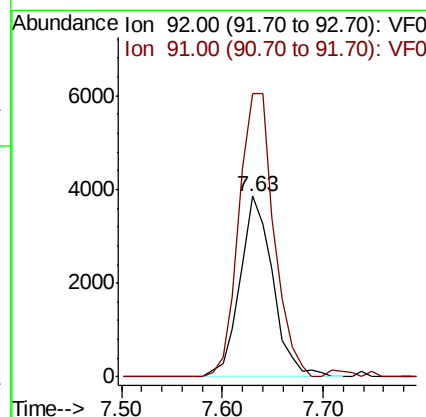
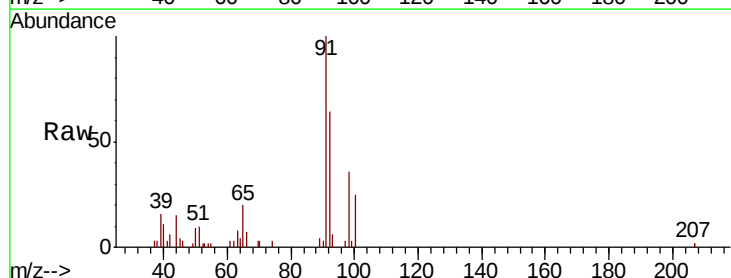
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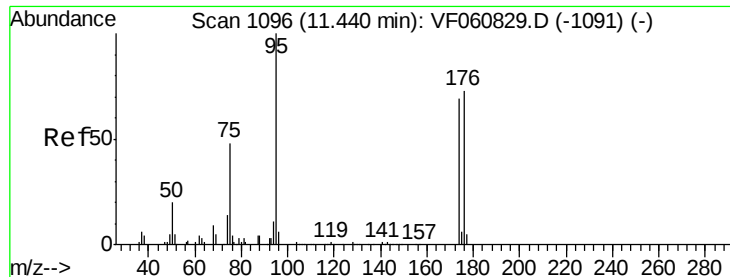
Tot Ion: 98 Resp: 321122
Ion Ratio Lower Upper
98 100
100 69.2 59.3 88.9



#52
Toluene
Concen: 1.520 ug/l
RT: 7.63 min Scan# 710
Delta R.T. -0.03 min
Lab File: VF060879.D
Acq: 29 Nov 2018 21:08

Tgt Ion: 92 Resp: 8778
Ion Ratio Lower Upper
92 100
91 156.8 126.2 189.2

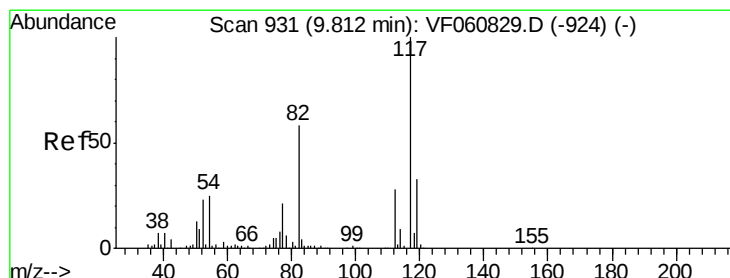
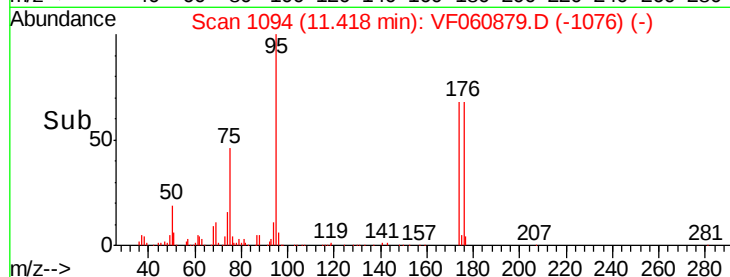
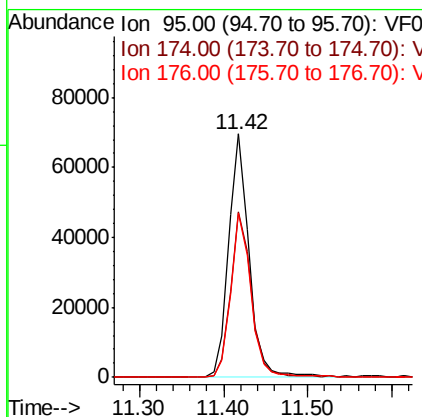
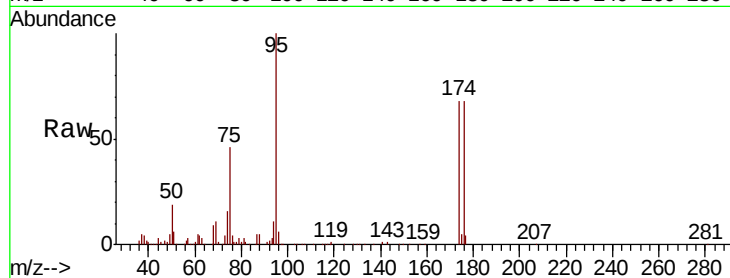




#62
4-Bromofluorobenzene
Concen: 33.047 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. -0.02 min
Lab File: VF060879.D
Acq: 29 Nov 2018 21:08

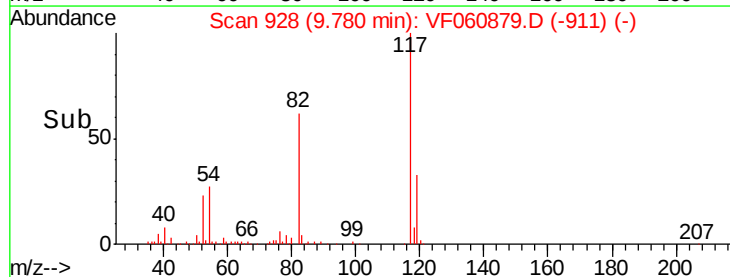
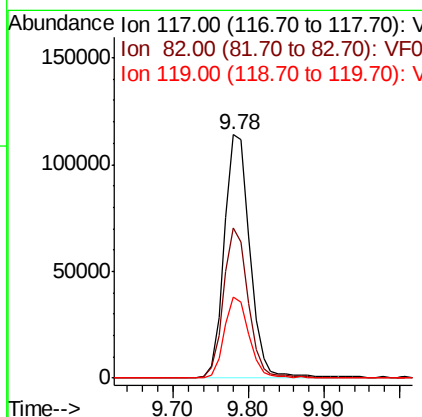
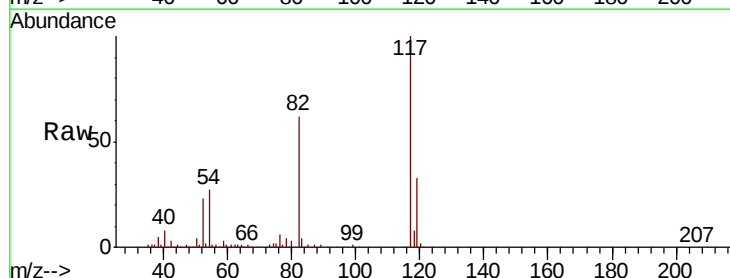
Instrument :
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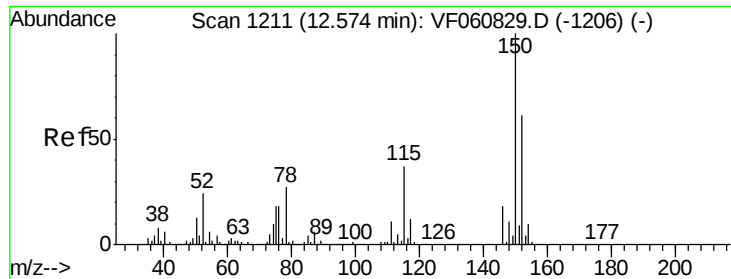
Tot Ion: 95 Resp: 117775
Ion Ratio Lower Upper
95 100
174 68.2 0.0 138.2
176 67.5 0.0 146.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. -0.03 min
Lab File: VF060879.D
Acq: 29 Nov 2018 21:08

Tgt Ion: 117 Resp: 268354
Ion Ratio Lower Upper
117 100
82 61.9 46.6 69.8
119 33.1 26.4 39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.55 min Scan# 1209

Delta R.T. -0.02 min

Lab File: VF060879.D

Acq: 29 Nov 2018 21:08

Instrument :

MSVOA_F

ClientSampleId :

AU-06-112918

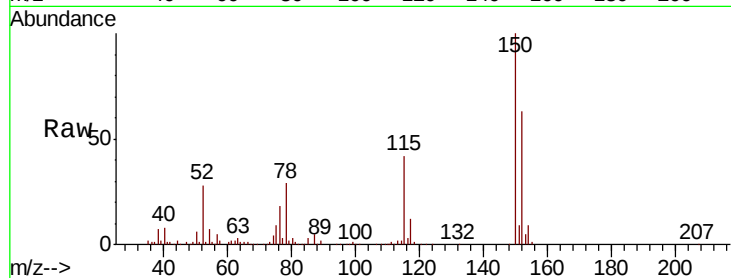
Tot Ion:152 Resp: 102041

Ion Ratio Lower Upper

152 100

115 66.6 30.1 90.5

150 158.6 0.0 327.6



Abundance

Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V

