

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF112718\
 Data File : VF060847.D
 Acq On : 27 Nov 2018 19:19
 Operator : VA/AP
 Sample : J6085-02RE
 Misc : 5.05g/5mL/MSVOA-F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 NS-OILY-STONERE

Quant Time: Nov 28 03:47:19 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	4.90	168	177733	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.62	114	317488	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.81	117	260850	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.57	152	112981	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.87	65	135539	64.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	129.46%	
35) Dibromofluoromethane	4.14	113	152387	60.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.00%	
50) Toluene-d8	7.59	98	335268	45.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.38%	
62) 4-Bromofluorobenzene	11.43	95	144921	42.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.96%	

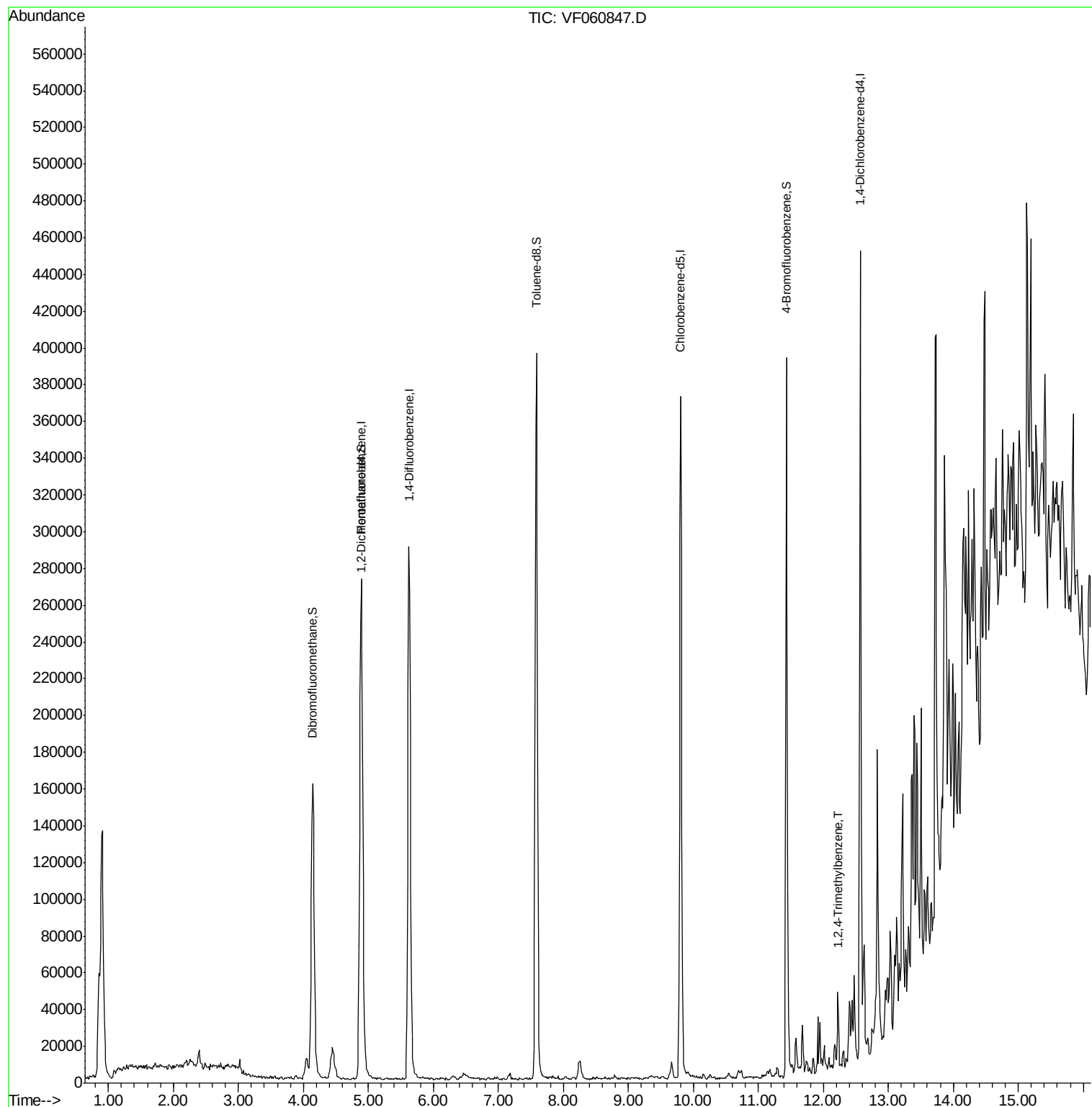
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
84) 1,2,4-Trimethylbenzene	12.22	105	12210	1.69	ug/l	96

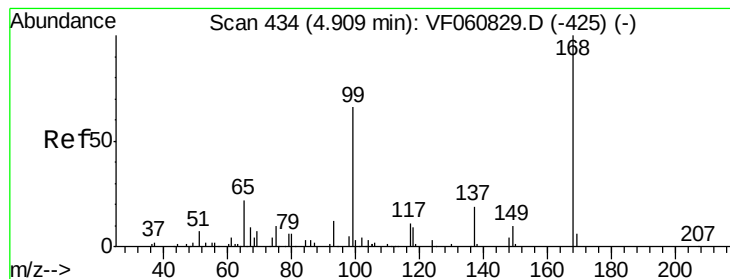
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.90 min Scan# 433

Delta R.T. -0.01 min

Lab File: VF060847.D

Acq: 27 Nov 2018 19:19

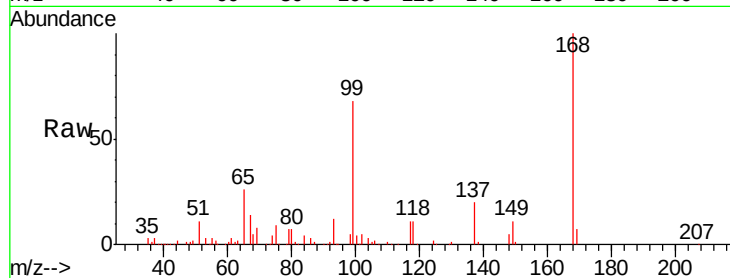
Instrument :
MSVOA_F
ClientSampleId :
NS-OILY-STONERE

Tgt Ion:168 Resp: 177733

Ion Ratio Lower Upper

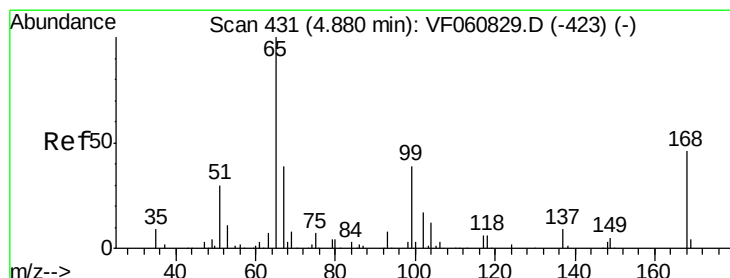
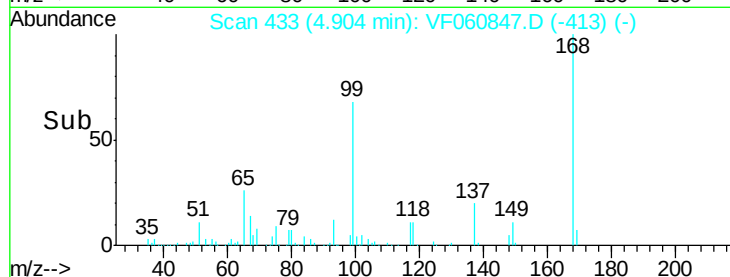
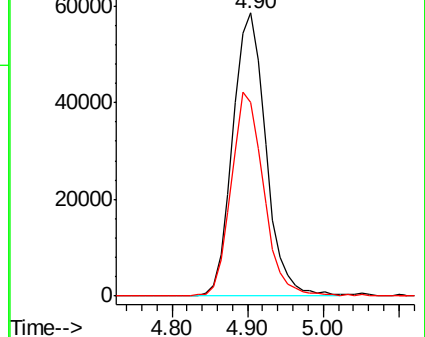
168 100

99 68.3 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 64.73 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.01 min

Lab File: VF060847.D

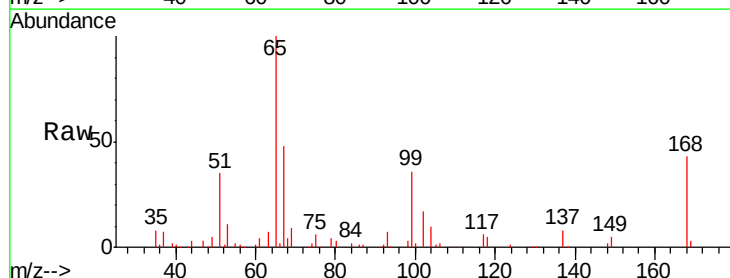
Acq: 27 Nov 2018 19:19

Tgt Ion: 65 Resp: 135539

Ion Ratio Lower Upper

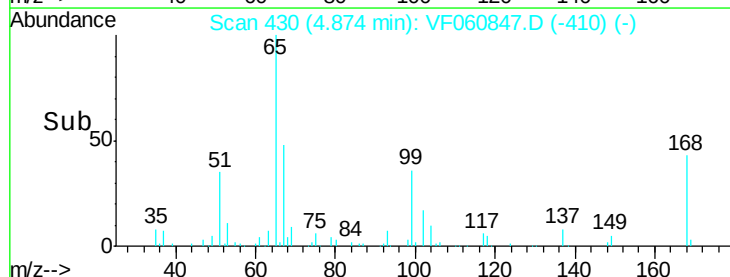
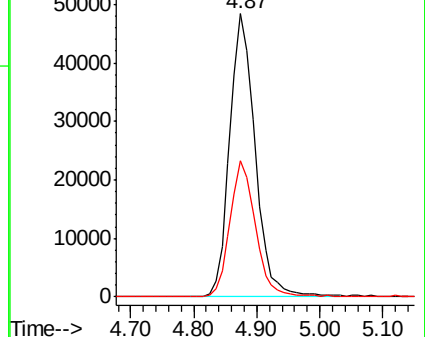
65 100

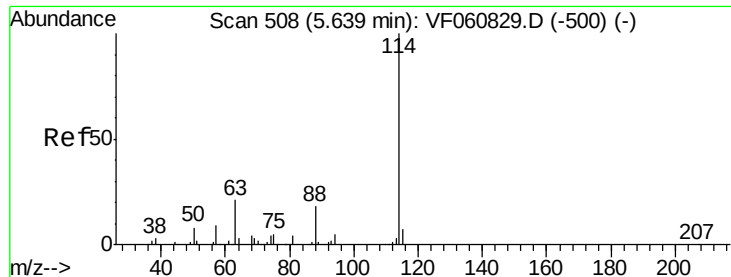
67 47.9 0.0 96.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.62 min Scan# 506

Delta R.T. -0.02 min

Lab File: VF060847.D

Acq: 27 Nov 2018 19:19

Instrument :

MSVOA_F

ClientSampleId :

NS-OILY-STONERE

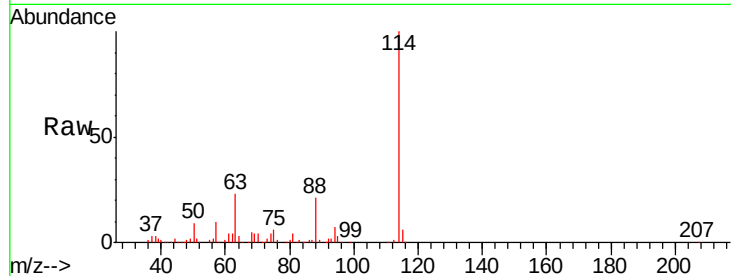
Tgt Ion:114 Resp: 317488

Ion Ratio Lower Upper

114 100

63 23.0 0.0 41.6

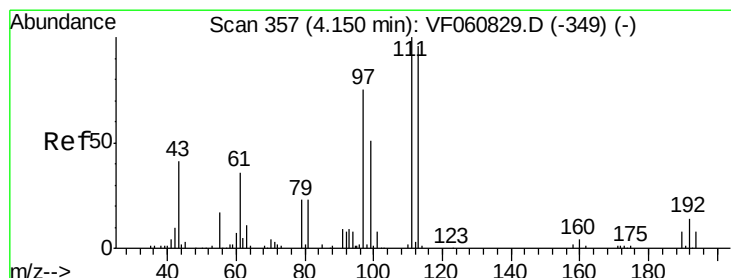
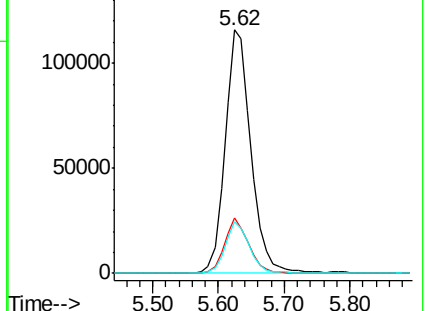
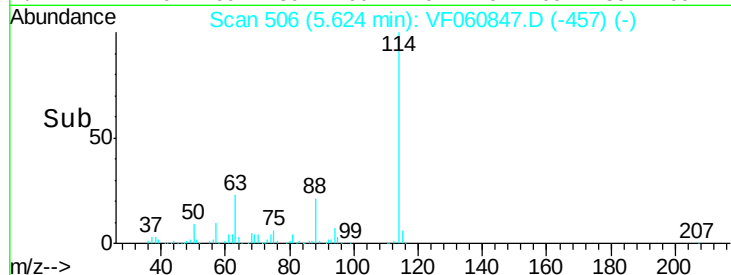
88 21.2 0.0 36.6



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: 60.50 ug/l

RT: 4.14 min Scan# 356

Delta R.T. -0.01 min

Lab File: VF060847.D

Acq: 27 Nov 2018 19:19

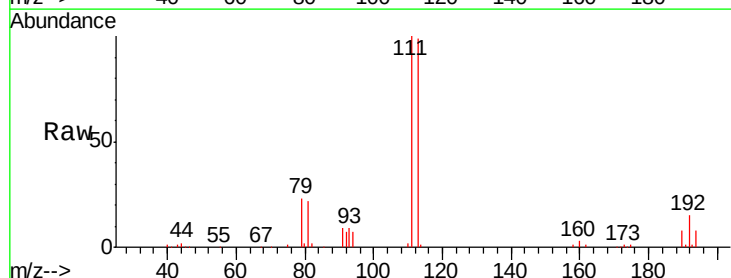
Tgt Ion:113 Resp: 152387

Ion Ratio Lower Upper

113 100

111 100.8 83.0 124.6

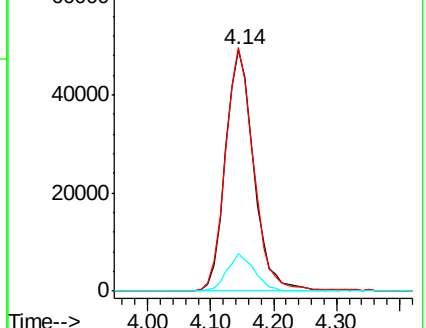
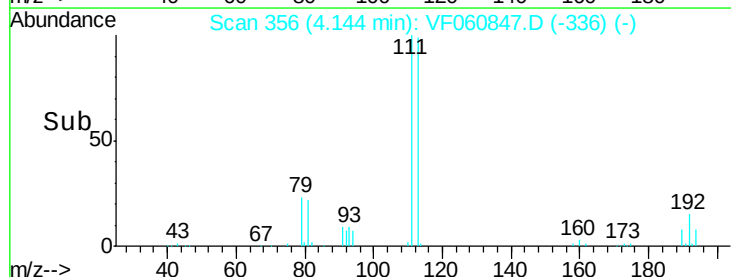
192 16.2 12.3 18.5

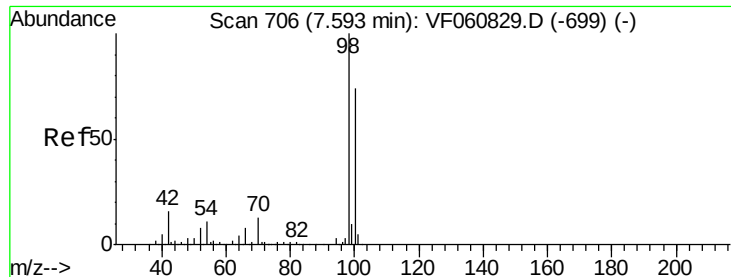


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 45.19 ug/l

RT: 7.59 min Scan# 705

Delta R.T. -0.01 min

Lab File: VF060847.D

Acq: 27 Nov 2018 19:19

Instrument :

MSVOA_F

ClientSampleId :

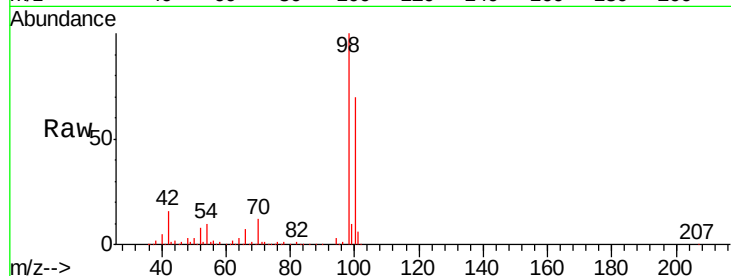
NS-OILY-STONERE

Tgt Ion: 98 Resp: 335268

Ion Ratio Lower Upper

98 100

100 70.0 59.3 88.9



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.59

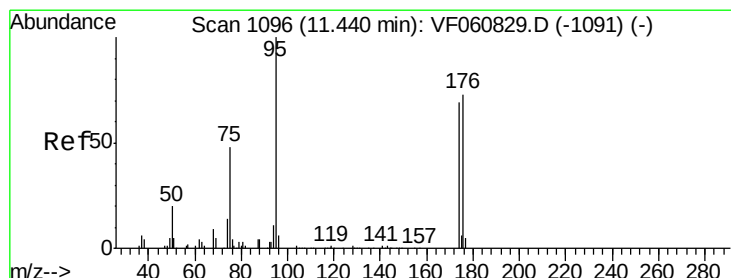
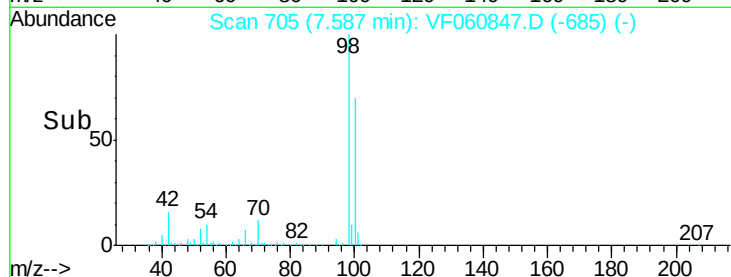
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 42.98 ug/l

RT: 11.43 min Scan# 1095

Delta R.T. -0.01 min

Lab File: VF060847.D

Acq: 27 Nov 2018 19:19

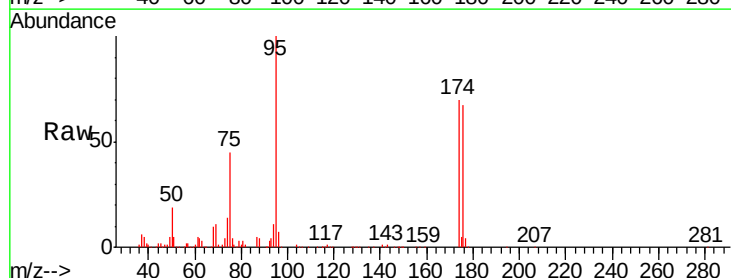
Tgt Ion: 95 Resp: 144921

Ion Ratio Lower Upper

95 100

174 70.3 0.0 138.2

176 67.2 0.0 146.2



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

120000

100000

80000

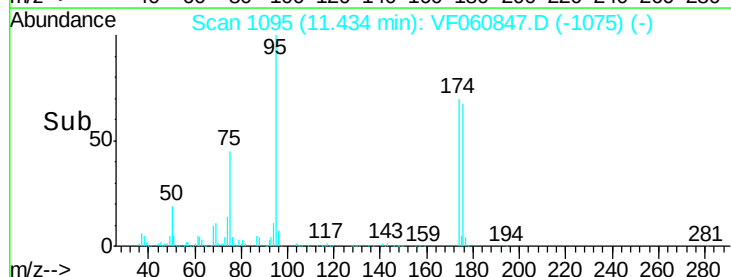
60000

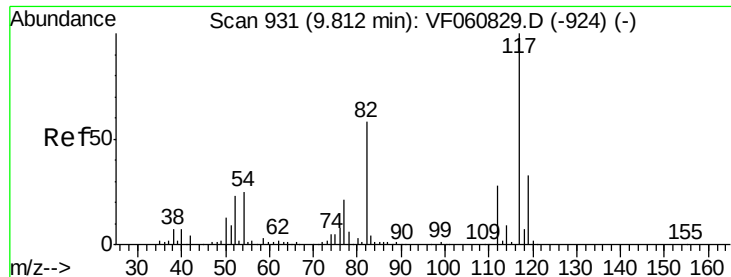
40000

20000

0

Time-->

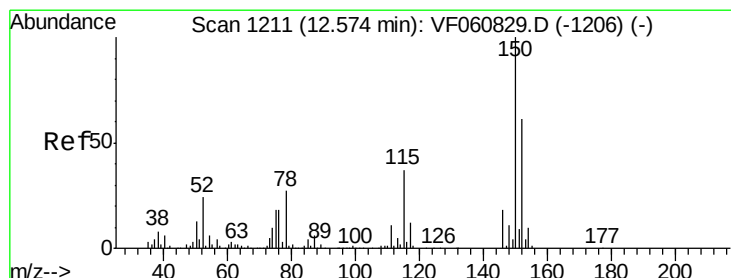
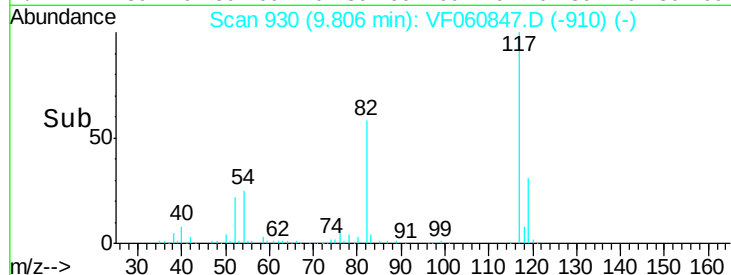
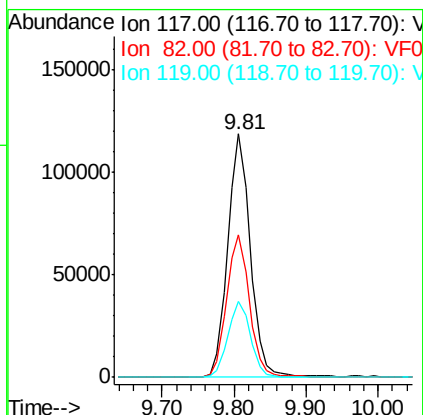
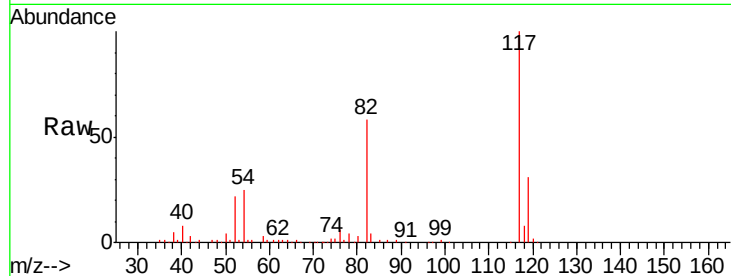




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.81 min Scan# 930
Delta R.T. -0.01 min
Lab File: VF060847.D
Acq: 27 Nov 2018 19:19

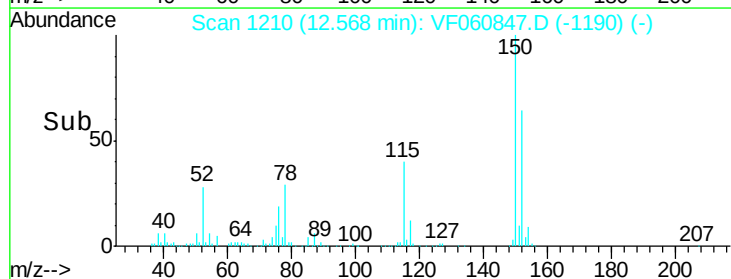
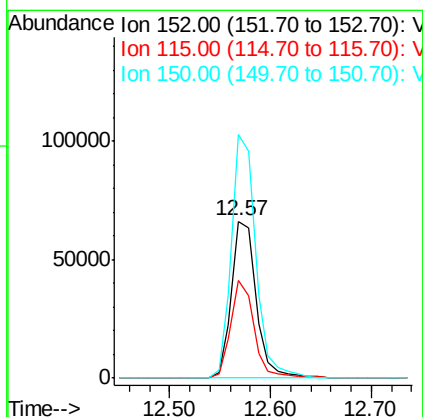
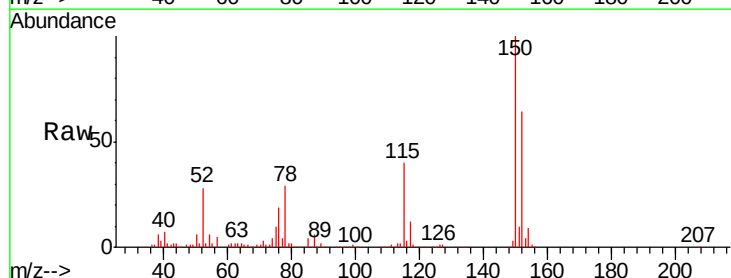
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MSVOA_F
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NS-OILY-STONERE

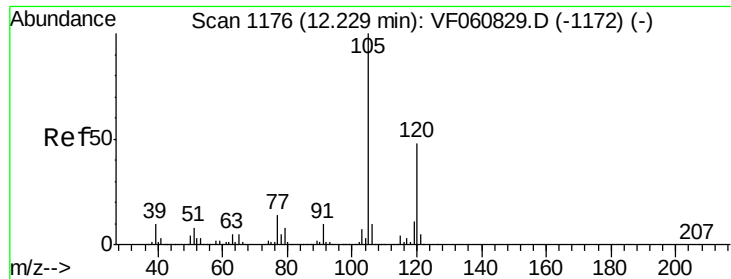
Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.5	46.6	69.8
119	31.4	26.4	39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.57 min Scan# 1210
Delta R.T. -0.01 min
Lab File: VF060847.D
Acq: 27 Nov 2018 19:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.7	30.1	90.5
150	155.4	0.0	327.6





#84
 1,2,4-Trimethylbenzene
 Concen: 1.69 ug/l
 RT: 12.22 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: VF060847.D
 Acq: 27 Nov 2018 19:19

Instrument :
 MSVOA_F
 ClientSampleId :
 NS-OILY-STONERE

Tgt Ion:105 Resp: 12210
 Ion Ratio Lower Upper
 105 100
 120 45.2 23.8 71.5

