

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF111918\
 Data File : VF060785.D
 Acq On : 19 Nov 2018 19:33
 Operator : VA/AP
 Sample : J5989-01RE
 Misc : 5.58g/5mL/MSVOA-F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 ES-RO-343RE

Manual Integrations
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Quant Time: Nov 20 02:57:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 14 03:11:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	148291	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.60	114	254714	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.78	117	181675	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.56	152	56829	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	78282	46.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.56%	
35) Dibromofluoromethane	4.12	113	88296	46.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.24%	
50) Toluene-d8	7.56	98	175844	34.66	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	69.32%	
62) 4-Bromofluorobenzene	11.41	95	61179	24.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	49.96%	
Target Compounds						
20) Methylene Chloride	2.24	84	6407m	2.621	ug/l	Qvalue
95) Naphthalene	14.46	128	2840	1.214	ug/l #	95

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

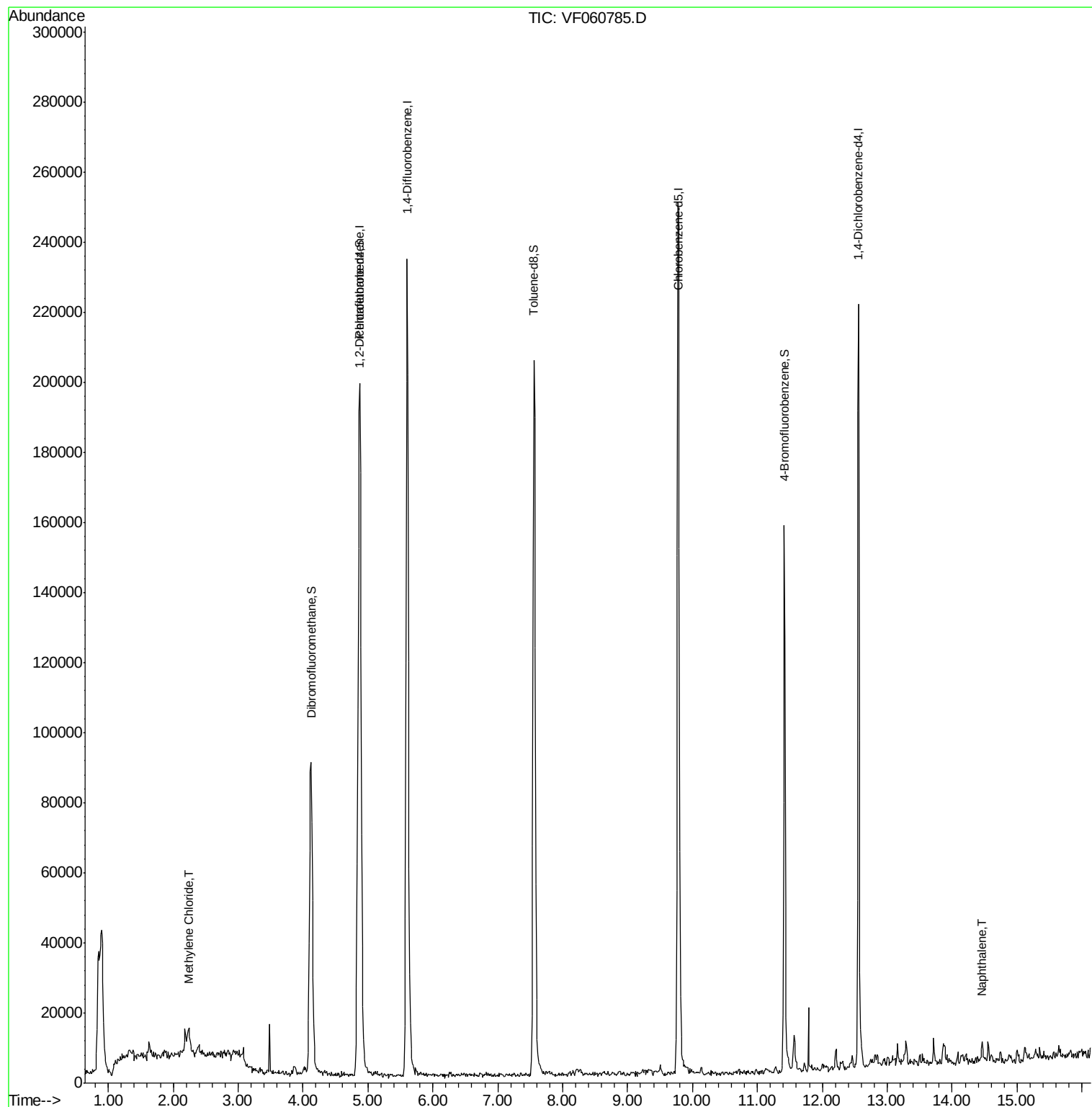
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF111918\
Data File : VF060785.D
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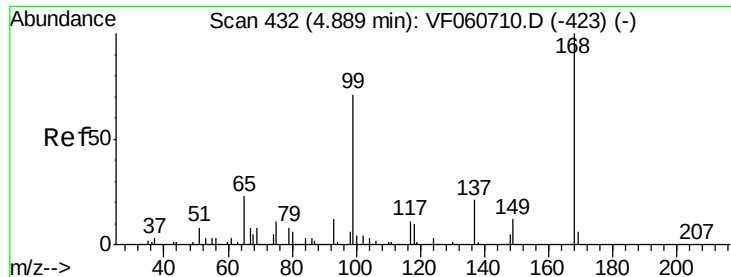
Instrument :
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Quant Time: Nov 20 02:57:31 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 14 03:11:14 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.01 min

Lab File: VF060785.D

Acq: 19 Nov 2018 19:33

Instrument :

MSVOA_F

ClientSampleId :

ES-RO-343RE

Tot Ion:168 Resp: 148291

Ion Ratio Lower Upper

168 100

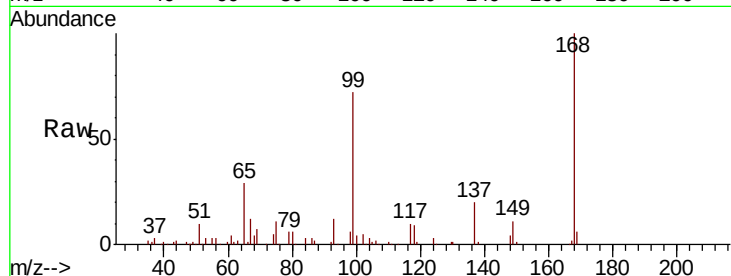
99 71.9 57.2 85.8

Manual Integrations

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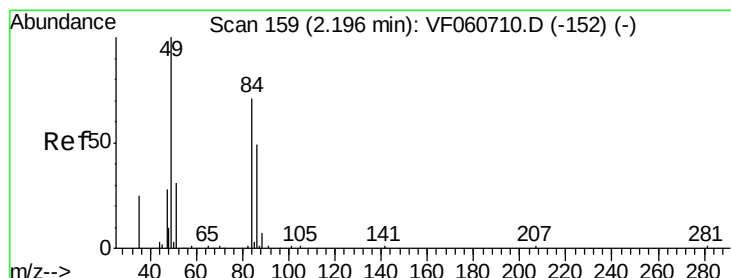
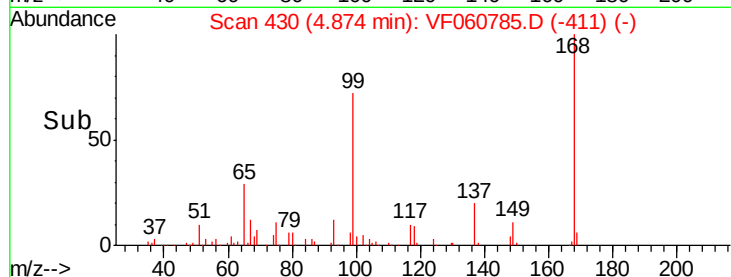


Abundance Ion 168.00 (167.70 to 168.70): VF060710.D (-423) (-)

Ion 99.00 (98.70 to 99.70): VF060710.D (-423) (-)

4.87

Time-->



#20

Methylene Chloride

Concen: 2.621 ug/l m

RT: 2.24 min Scan# 163

Delta R.T. 0.05 min

Lab File: VF060785.D

Acq: 19 Nov 2018 19:33

Tgt Ion: 84 Resp: 6407

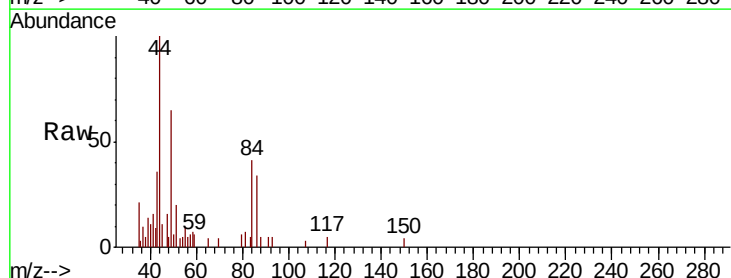
Ion Ratio Lower Upper

84 100

49 158.4 120.2 180.4

51 48.0 37.2 55.8

86 82.1 55.1 82.7



Abundance Ion 84.00 (83.70 to 84.70): VF060710.D (-152) (-)

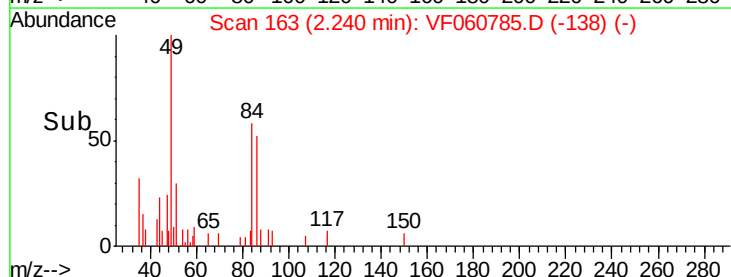
Ion 49.00 (48.70 to 49.70): VF060710.D (-152) (-)

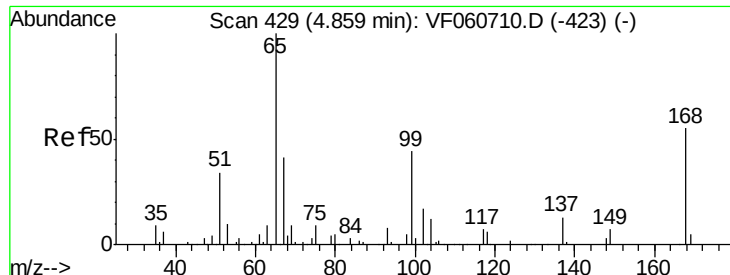
Ion 51.00 (50.70 to 51.70): VF060710.D (-152) (-)

Ion 86.00 (85.70 to 86.70): VF060710.D (-152) (-)

2.24

Time-->





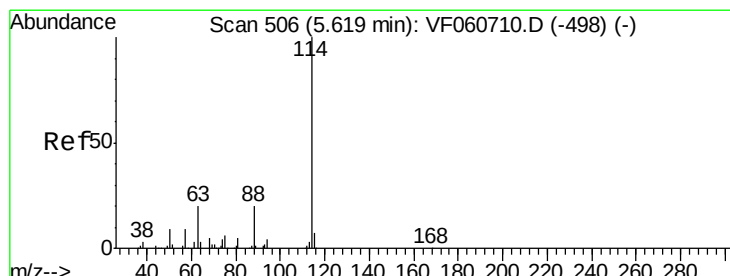
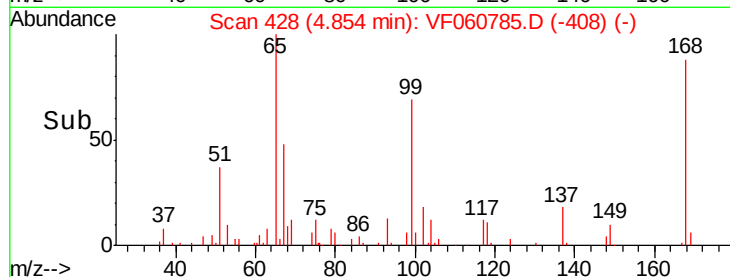
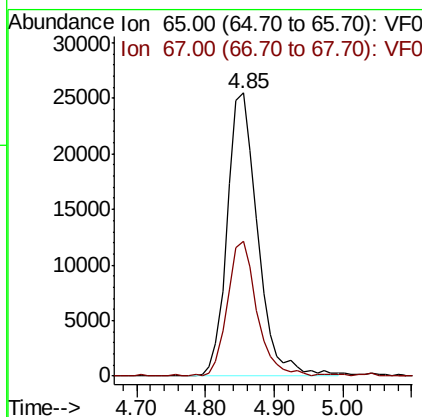
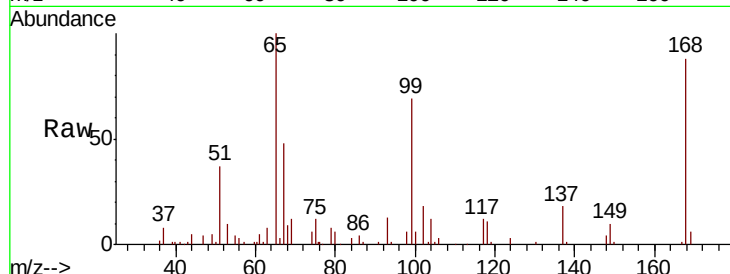
#33
 1,2-Dichloroethane-d4
 Concen: 46.282 ug/l
 RT: 4.85 min Scan# 428
 Delta R.T. -0.00 min
 Lab File: VF060785.D
 Acq: 19 Nov 2018 19:33

Instrument :
 MSVOA_F
 ClientSampleId :
 ES-RO-343RE

Tot Ion	Ratio	Resp	Lower	Upper
65	100	78282		
67	47.6	0.0	90.2	

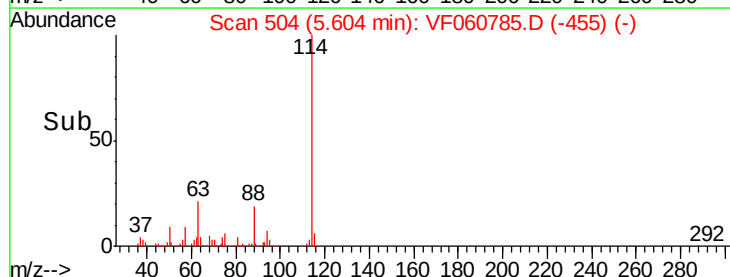
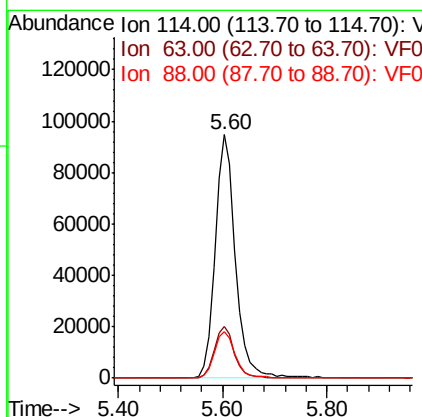
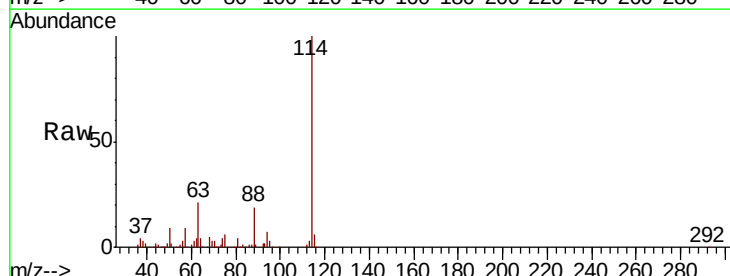
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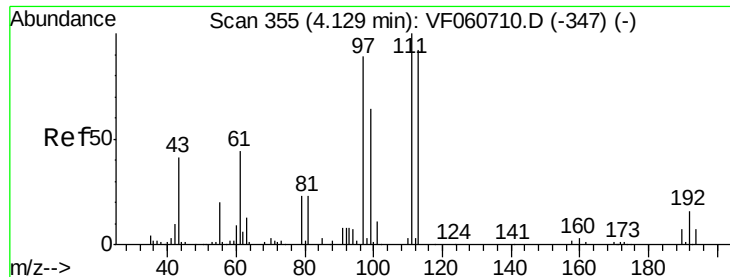
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.60 min Scan# 504
 Delta R.T. -0.01 min
 Lab File: VF060785.D
 Acq: 19 Nov 2018 19:33

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	254714		
63	21.3	0.0	40.8	
88	19.3	0.0	39.6	





#35

Dibromofluoromethane

Concen: 46.116 ug/l

RT: 4.12 min Scan# 354

Delta R.T. -0.00 min

Lab File: VF060785.D

Acq: 19 Nov 2018 19:33

Instrument :

MSVOA_F

ClientSampleId :

ES-RO-343RE

Tot Ion:113 Resp: 88296

Ion Ratio Lower Upper

113 100

111 94.4 87.1 130.7

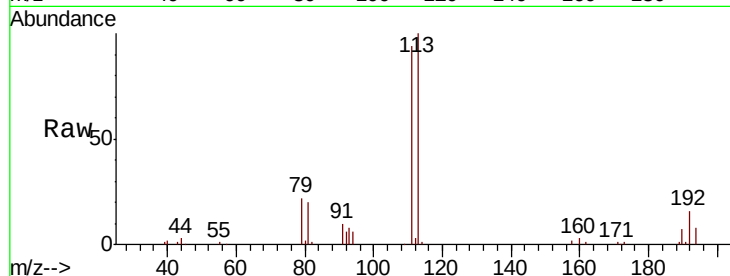
192 16.1 13.8 20.6

Manual Integrations

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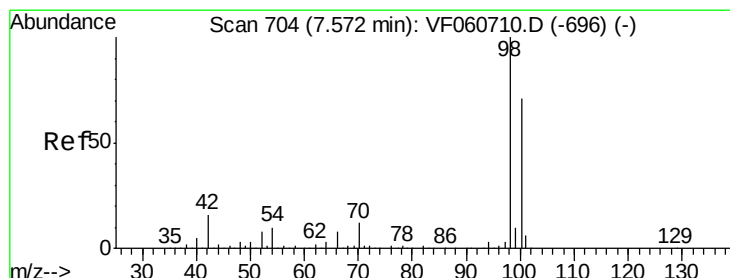
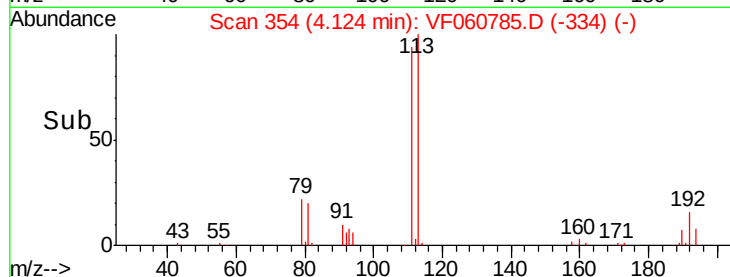
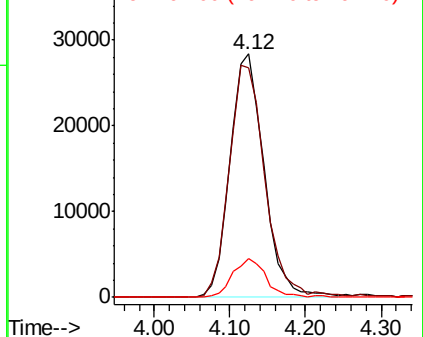
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Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V



#50

Toluene-d8

Concen: 34.662 ug/l

RT: 7.56 min Scan# 702

Delta R.T. -0.01 min

Lab File: VF060785.D

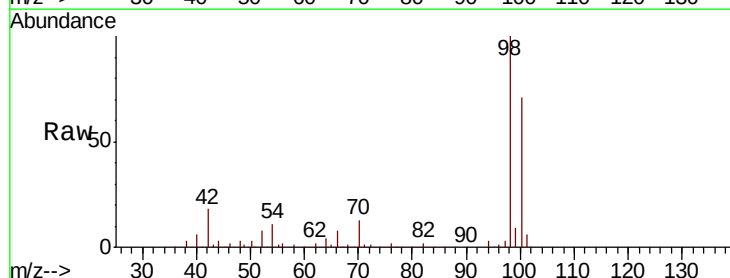
Acq: 19 Nov 2018 19:33

Tgt Ion: 98 Resp: 175844

Ion Ratio Lower Upper

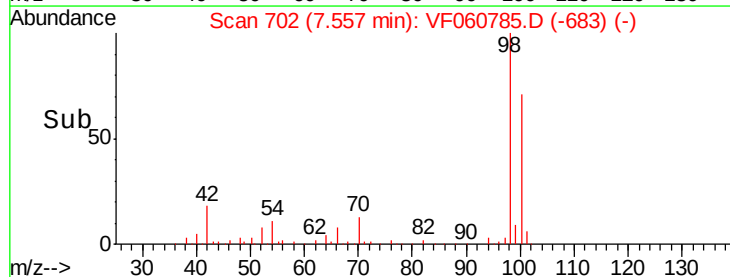
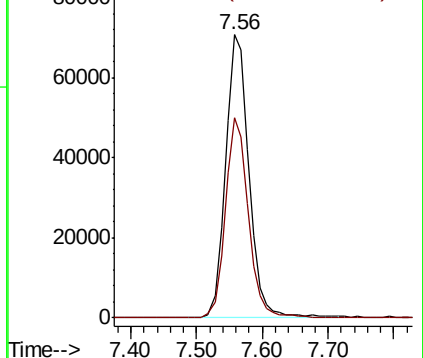
98 100

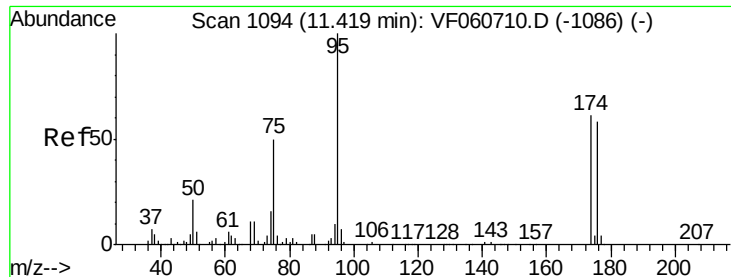
100 70.7 56.5 84.7



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF





#62

4-Bromofluorobenzene

Concen: 24.977 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. -0.00 min

Lab File: VF060785.D

Acq: 19 Nov 2018 19:33

Instrument :

MSVOA_F

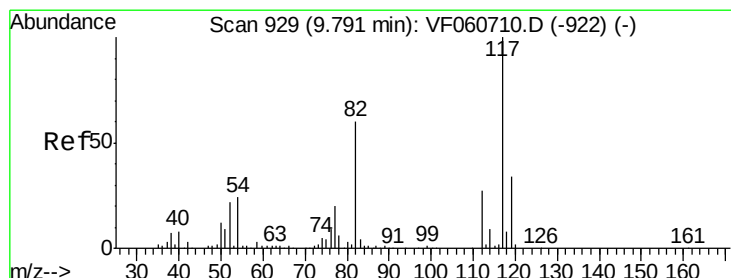
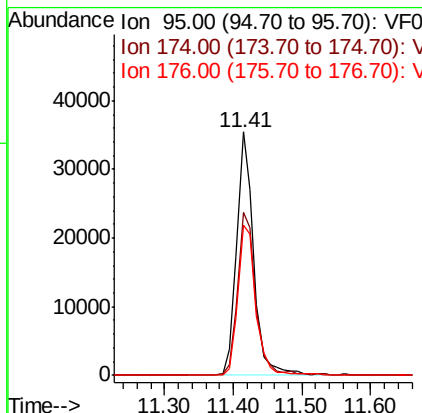
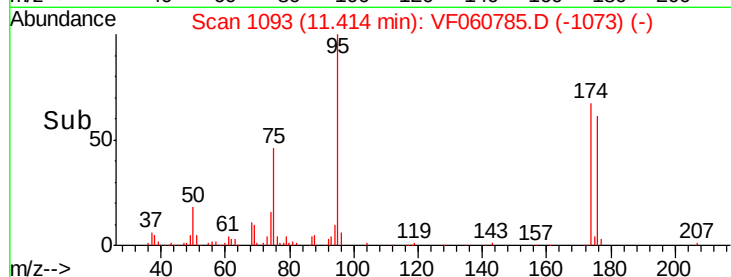
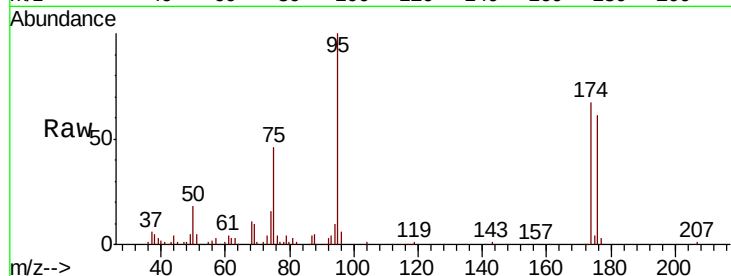
ClientSampleId :

ES-RO-343RE

Tot Ion:	95	Resp:	61179
Ion	Ratio	Lower	Upper
95	100		
174	67.1	0.0	121.6
176	61.5	0.0	115.2

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

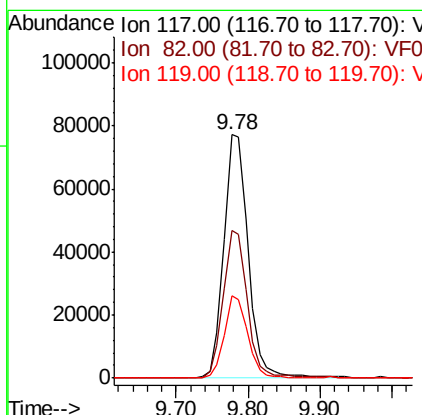
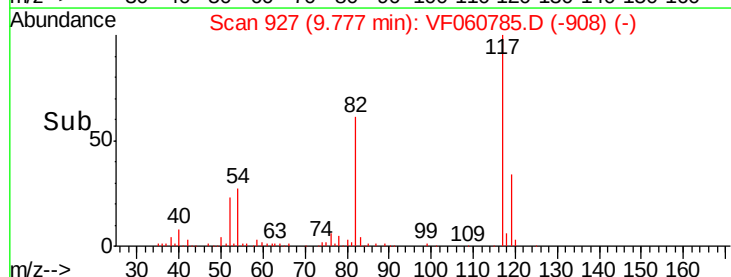
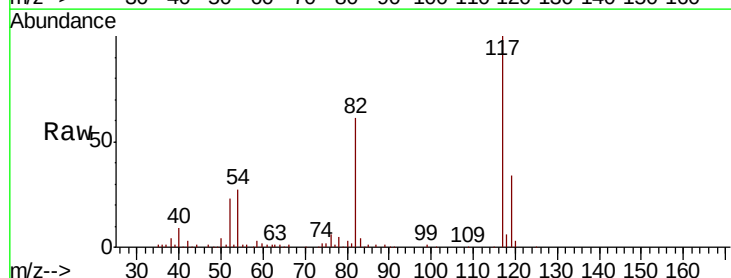
RT: 9.78 min Scan# 927

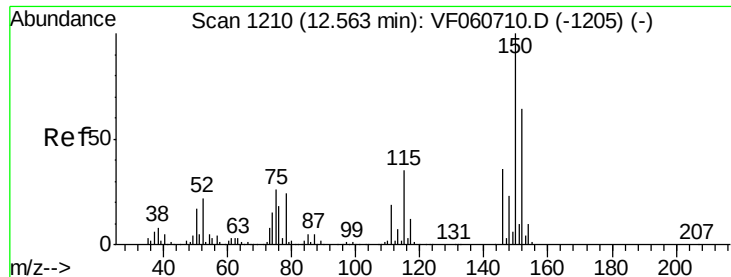
Delta R.T. -0.01 min

Lab File: VF060785.D

Acq: 19 Nov 2018 19:33

Tgt Ion:	117	Resp:	181675
Ion	Ratio	Lower	Upper
117	100		
82	60.6	47.9	71.9
119	33.7	26.8	40.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.56 min Scan# 1209

Delta R.T. -0.00 min

Lab File: VF060785.D

Acq: 19 Nov 2018 19:33

Instrument :

MSVOA_F

ClientSampleId :

ES-RO-343RE

Tot Ion:152 Resp: 56829

Ion Ratio Lower Upper

152 100

115 58.0 27.9 83.7

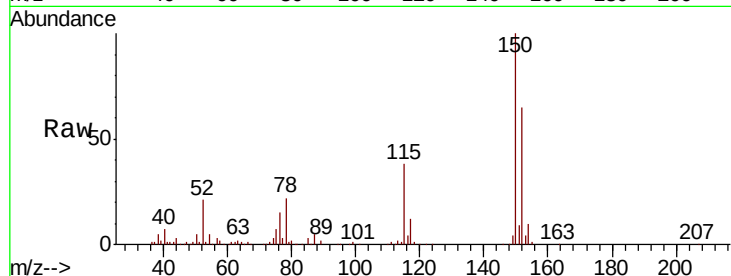
150 153.7 0.0 316.4

Manual Integrations

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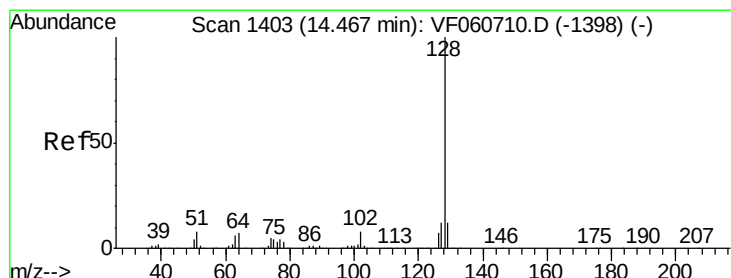
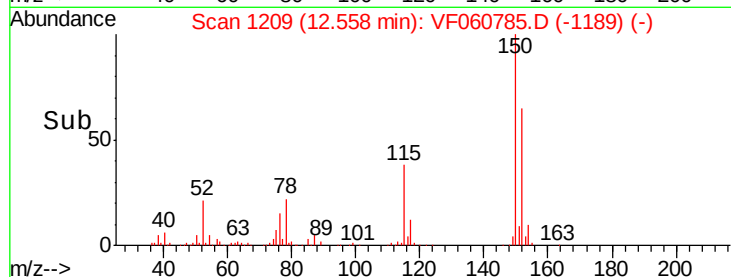
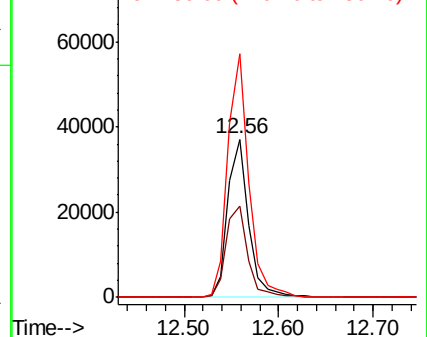


Abundance

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



#95

Naphthalene

Concen: 1.214 ug/l

RT: 14.46 min Scan# 1402

Delta R.T. -0.00 min

Lab File: VF060785.D

Acq: 19 Nov 2018 19:33

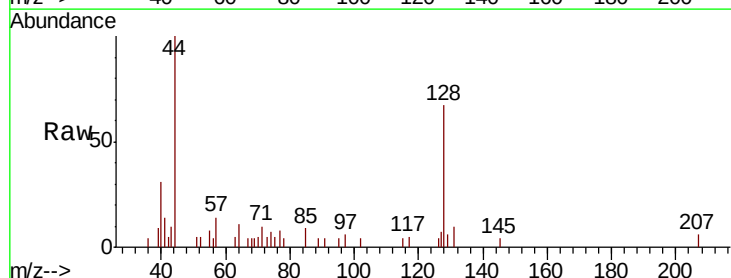
Tgt Ion:128 Resp: 2840

Ion Ratio Lower Upper

128 100

127 11.2 9.8 14.6

129 8.5 9.3 13.9#



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

