

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF111618\
 Data File : VF060773.D
 Acq On : 16 Nov 2018 19:21
 Operator : VA/AP
 Sample : J5963-01
 Misc : 5.09g/5mL/MSVOA-F/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 FS-OILY-STONE

Manual Integrations
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Quant Time: Nov 17 04:56:48 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	4.88	168	157254	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.61	114	285433	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.78	117	207259	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.56	152	95143	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	82541	46.02	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	92.04%	
35) Dibromofluoromethane	4.12	113	90610	42.23	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	84.46%	
50) Toluene-d8	7.56	98	194999	34.26	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	68.52%	
62) 4-Bromofluorobenzene	11.42	95	84410	31.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.54%	
Target Compounds						
20) Methylene Chloride	2.18	84	10146m	5.411	ug/l	Qvalue
84) 1,2,4-Trimethylbenzene	12.22	105	11725	1.865	ug/l	90

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

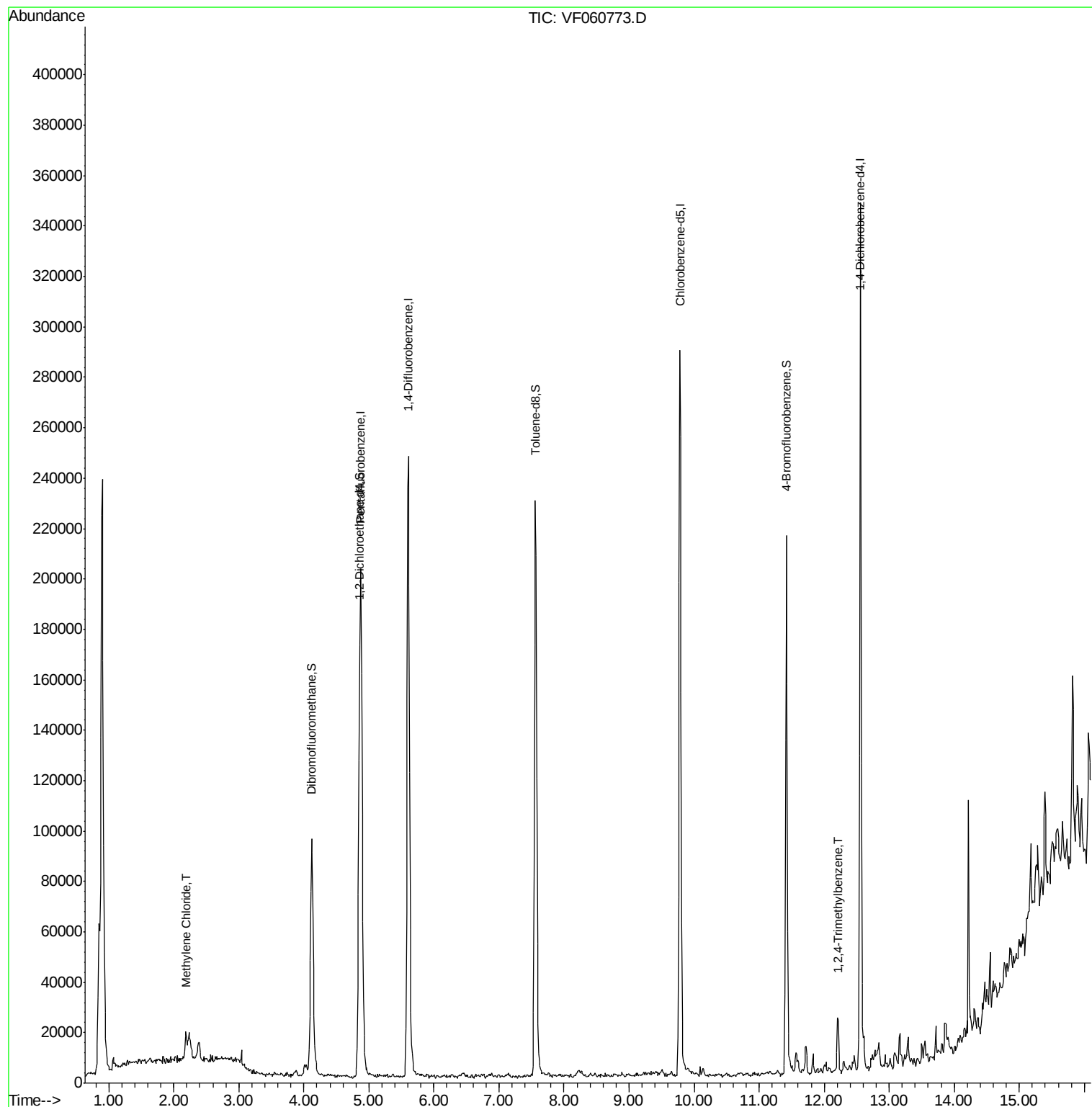
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF111618\
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Quant Title : SW846 8260
QLast Update : Wed Nov 14 03:11:14 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.88 min Scan# 431

Delta R.T. -0.01 min

Lab File: VF060773.D

Acq: 16 Nov 2018 19:21

Instrument :

MSVOA_F

ClientSampleId :

FS-OILY-STONE

Tot Ion:168 Resp: 157254

Ion Ratio Lower Upper

168 100

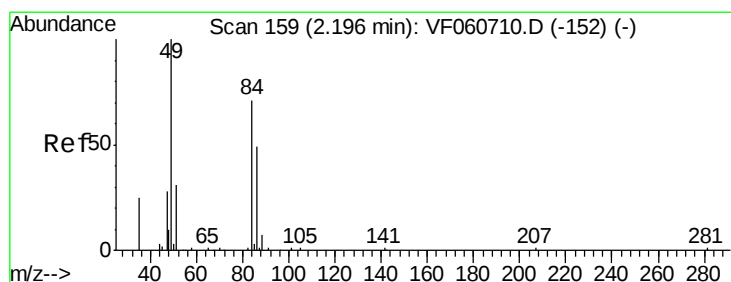
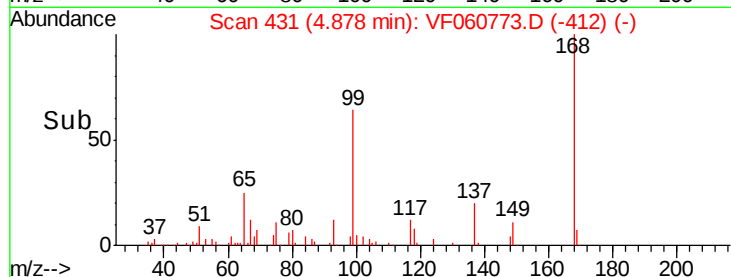
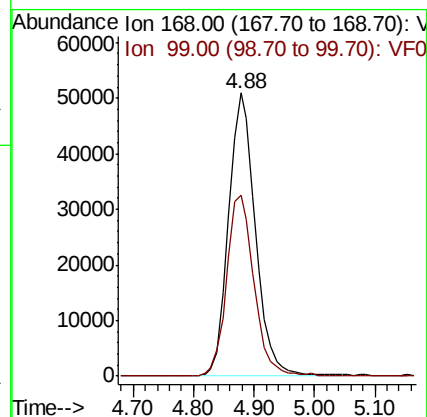
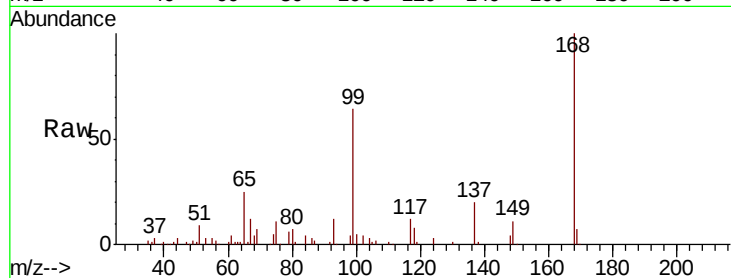
99 63.9 57.2 85.8

Manual Integrations

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#20

Methylene Chloride

Concen: 5.411 ug/l m

RT: 2.18 min Scan# 158

Delta R.T. -0.01 min

Lab File: VF060773.D

Acq: 16 Nov 2018 19:21

Tgt Ion: 84 Resp: 10146

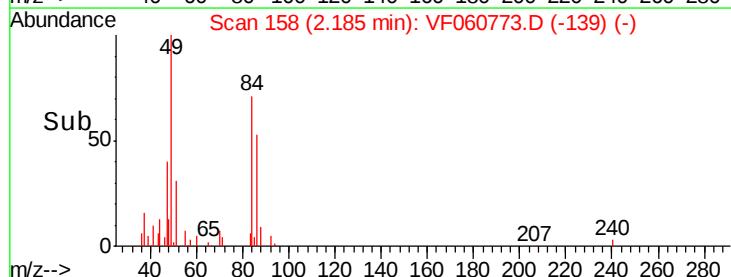
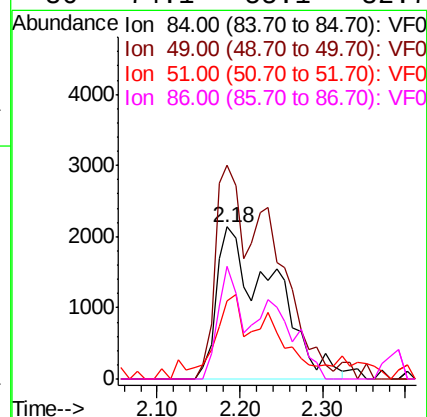
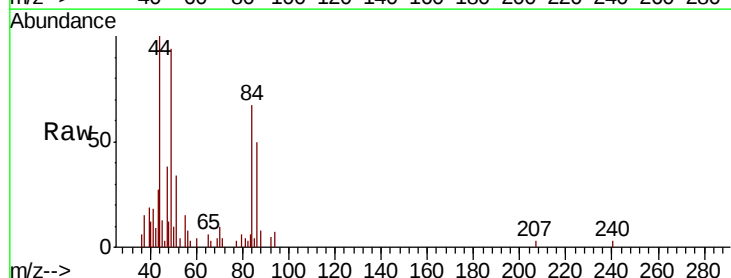
Ion Ratio Lower Upper

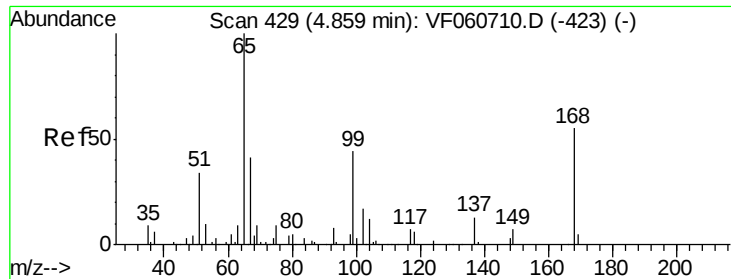
84 100

49 140.7 120.2 180.4

51 51.3 37.2 55.8

86 74.1 55.1 82.7





#33

1,2-Dichloroethane-d4

Concen: 46.018 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.01 min

Lab File: VF060773.D

Acq: 16 Nov 2018 19:21

Instrument :

MSVOA_F

ClientSampleId :

FS-OILY-STONE

Tot Ion: 65 Resp: 82541

Ion Ratio Lower Upper

65 100

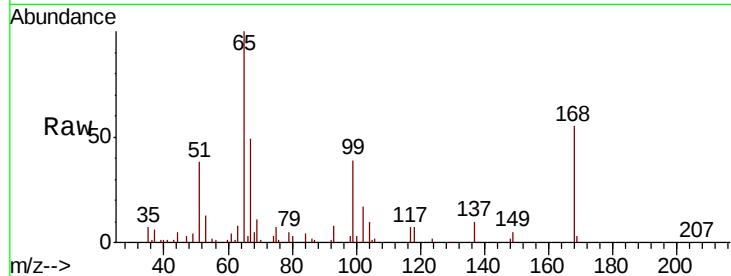
67 48.7 0.0 90.2

Manual Integrations

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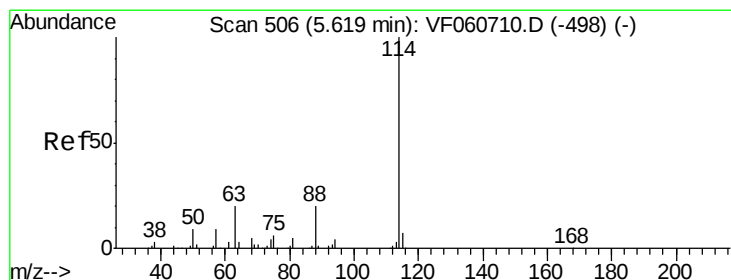
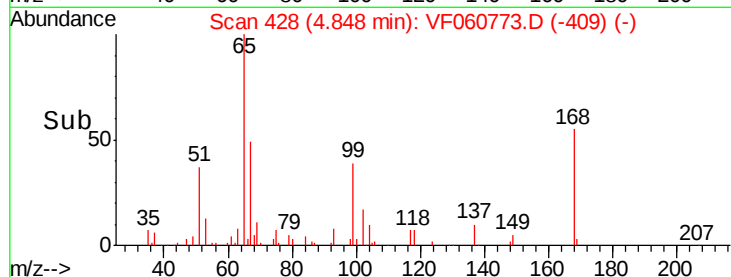
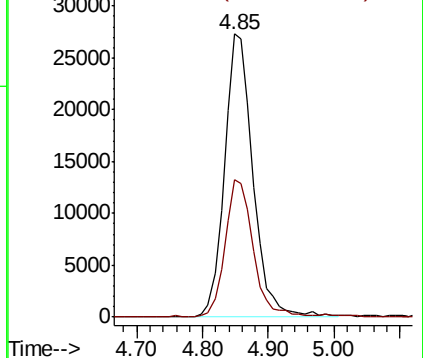
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Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.61 min Scan# 505

Delta R.T. -0.01 min

Lab File: VF060773.D

Acq: 16 Nov 2018 19:21

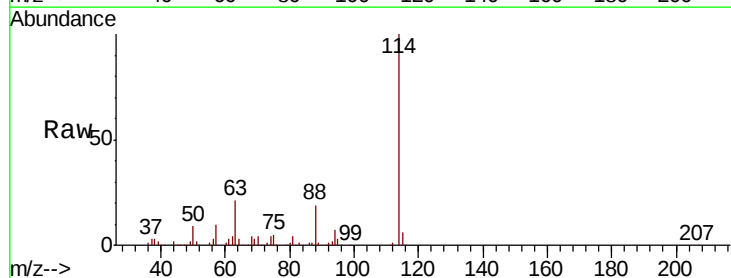
Tgt Ion: 114 Resp: 285433

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.8

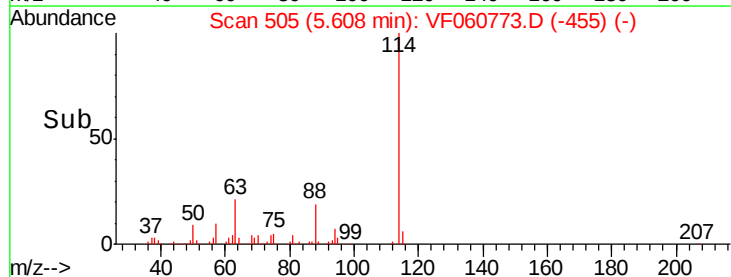
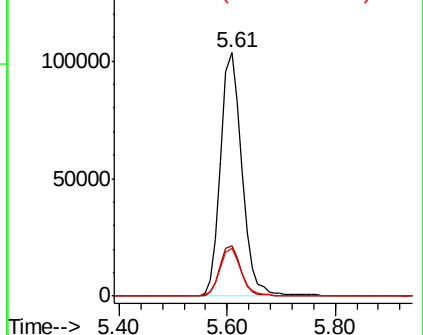
88 19.4 0.0 39.6

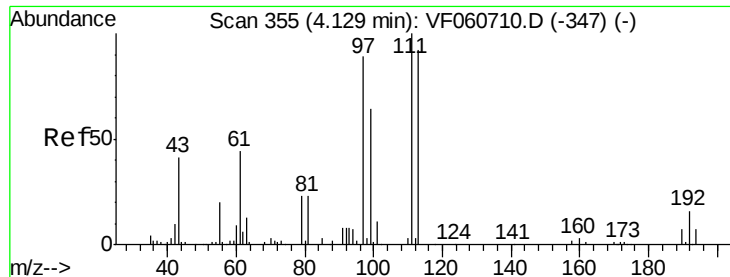


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





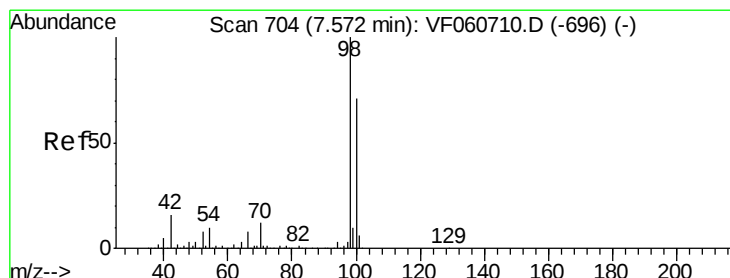
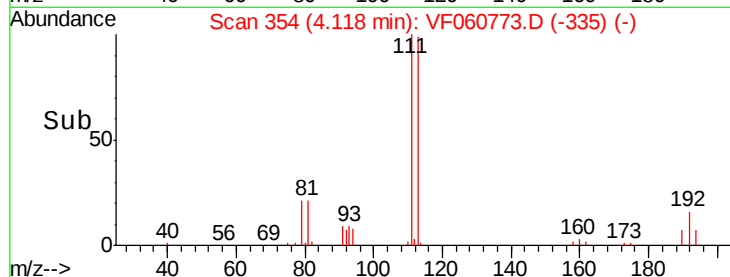
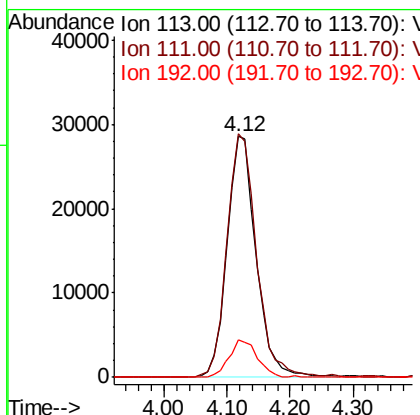
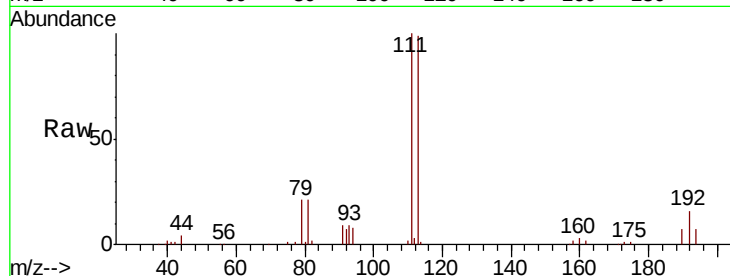
#35
 Dibromofluoromethane
 Concen: 42.231 ug/l
 RT: 4.12 min Scan# 354
 Delta R.T. -0.01 min
 Lab File: VF060773.D
 Acq: 16 Nov 2018 19:21

Instrument :
 MSVOA_F
 ClientSampleId :
 FS-OILY-STONE

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.3	87.1	130.7
192	15.8	13.8	20.6

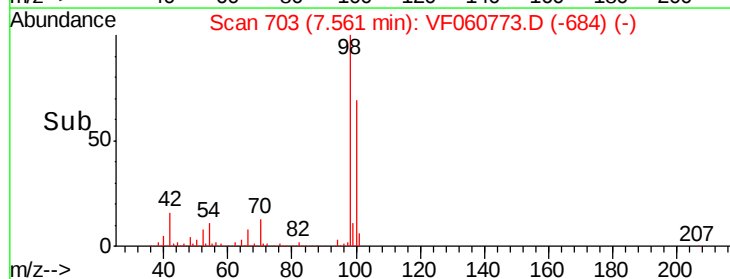
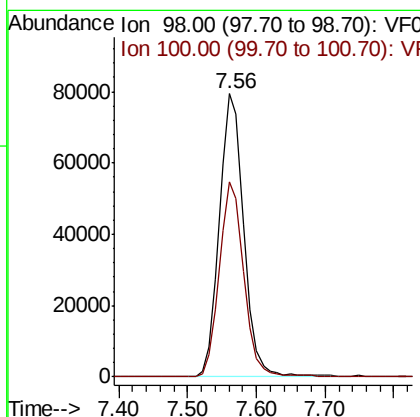
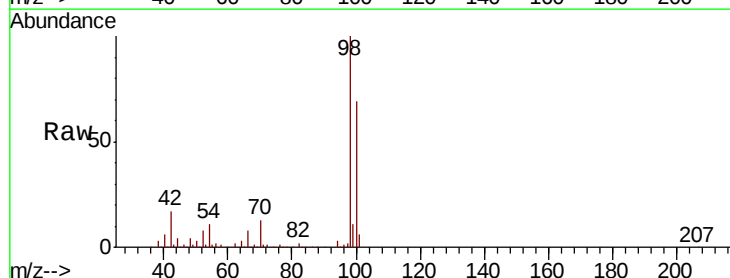
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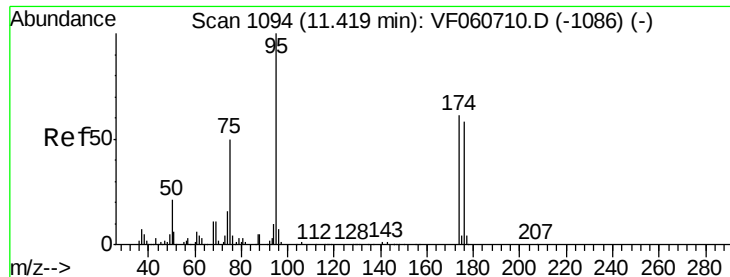
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#50
 Toluene-d8
 Concen: 34.260 ug/l
 RT: 7.56 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: VF060773.D
 Acq: 16 Nov 2018 19:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	69.0	56.5	84.7





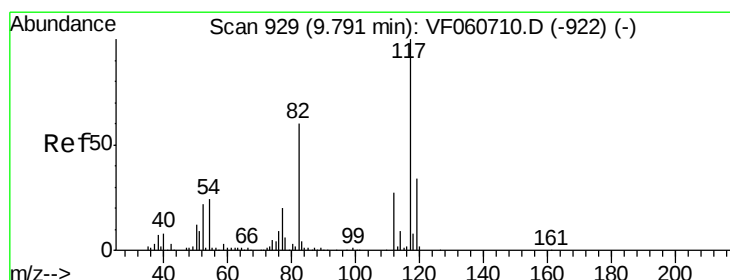
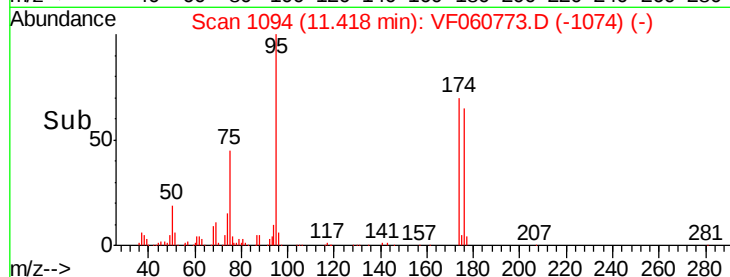
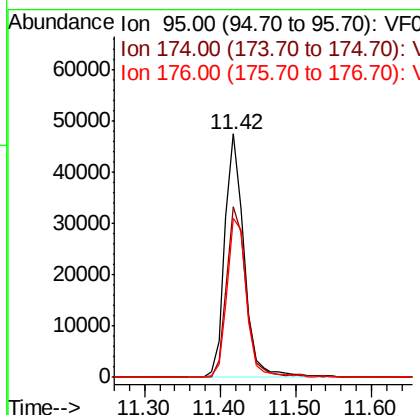
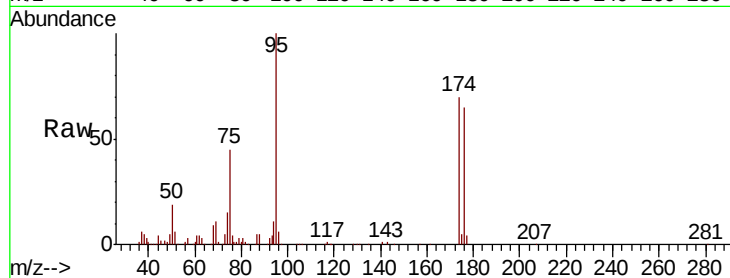
#62
4-Bromofluorobenzene
Concen: 31.770 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VF060773.D
Acq: 16 Nov 2018 19:21

Instrument :
MSVOA_F
ClientSampleId :
FS-OILY-STONE

Tot Ion	Ratio	Lower	Upper
95	100		
174	69.9	0.0	121.6
176	65.4	0.0	115.2

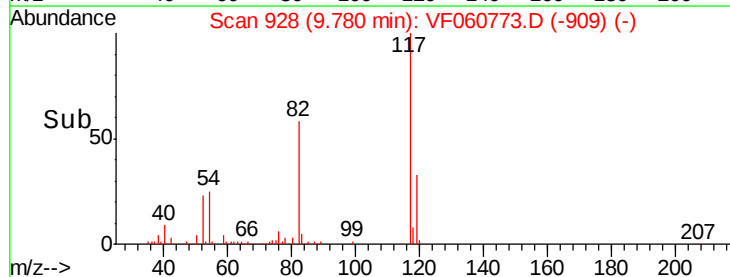
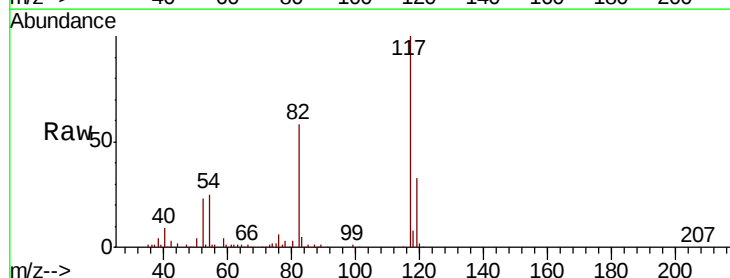
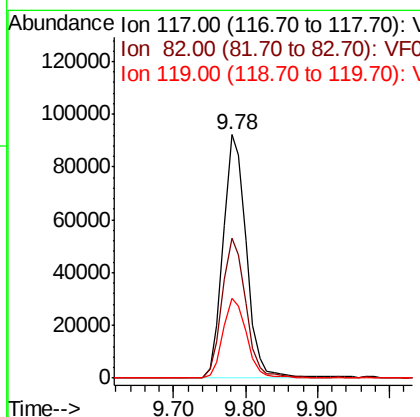
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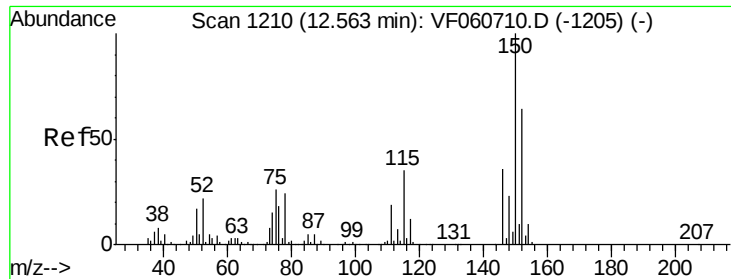
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. -0.01 min
Lab File: VF060773.D
Acq: 16 Nov 2018 19:21

Tgt Ion	Ratio	Lower	Upper
117	100		
82	57.5	47.9	71.9
119	32.7	26.8	40.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.56 min Scan# 1210

Delta R.T. -0.00 min

Lab File: VF060773.D

Acq: 16 Nov 2018 19:21

Instrument :

MSVOA_F

ClientSampleId :

FS-OILY-STONE

Tot Ion:152 Resp: 95143

Ion Ratio Lower Upper

152 100

115 54.0 27.9 83.7

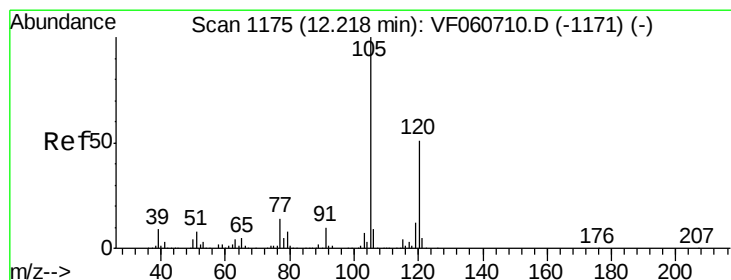
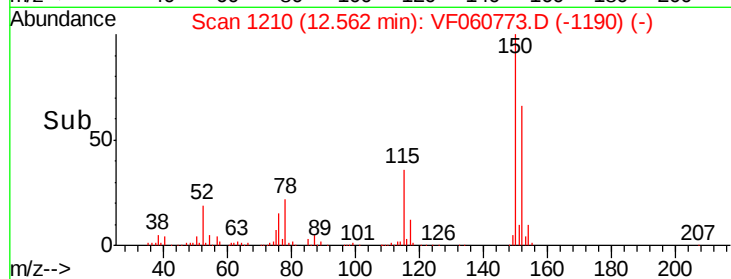
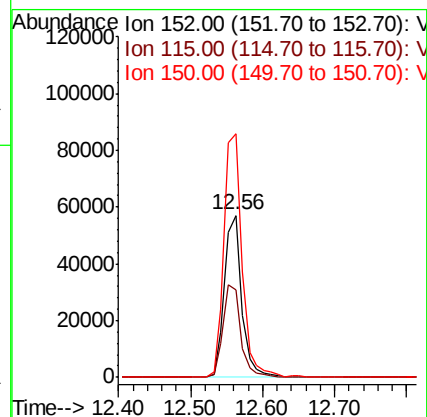
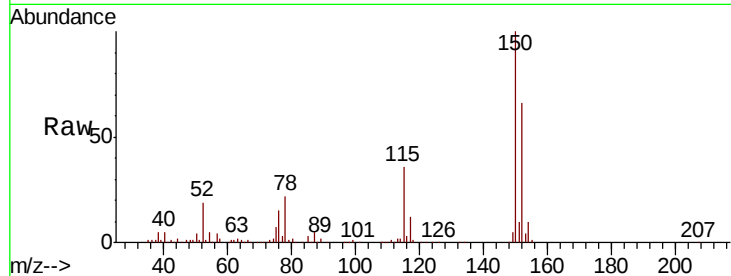
150 150.4 0.0 316.4

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#84

1,2,4-Trimethylbenzene

Concen: 1.865 ug/l

RT: 12.22 min Scan# 1175

Delta R.T. -0.00 min

Lab File: VF060773.D

Acq: 16 Nov 2018 19:21

Tgt Ion:105 Resp: 11725

Ion Ratio Lower Upper

105 100

120 43.7 25.5 76.5

