

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF111418\
 Data File : VF060728.D
 Acq On : 14 Nov 2018 17:02
 Operator : VA/AP
 Sample : J5923-01
 Misc : 5.06g/5mL/MSVOA-F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 MS-OILY-STONE

Manual Integrations
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 11/15/2018 1:30:45 PM

Quant Time: Nov 15 14:35:27 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	4.85	168	206244	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.58	114	371240	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.75	117	301905	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.53	152	150540	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	101955	43.34	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	86.68%	
35) Dibromofluoromethane	4.09	113	116627	41.79	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	83.58%	
50) Toluene-d8	7.53	98	274921	37.47	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	74.94%	
62) 4-Bromofluorobenzene	11.40	95	130136	38.47	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	76.94%	
Target Compounds						
20) Methylene Chloride	2.17	84	11766m	4.433	ug/l	Qvalue
30) Chloroform	3.84	83	19746	3.572	ug/l	98
80) 1,3,5-Trimethylbenzene	11.81	105	16393	1.704	ug/l	89
84) 1,2,4-Trimethylbenzene	12.19	105	20838	2.094	ug/l	92

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

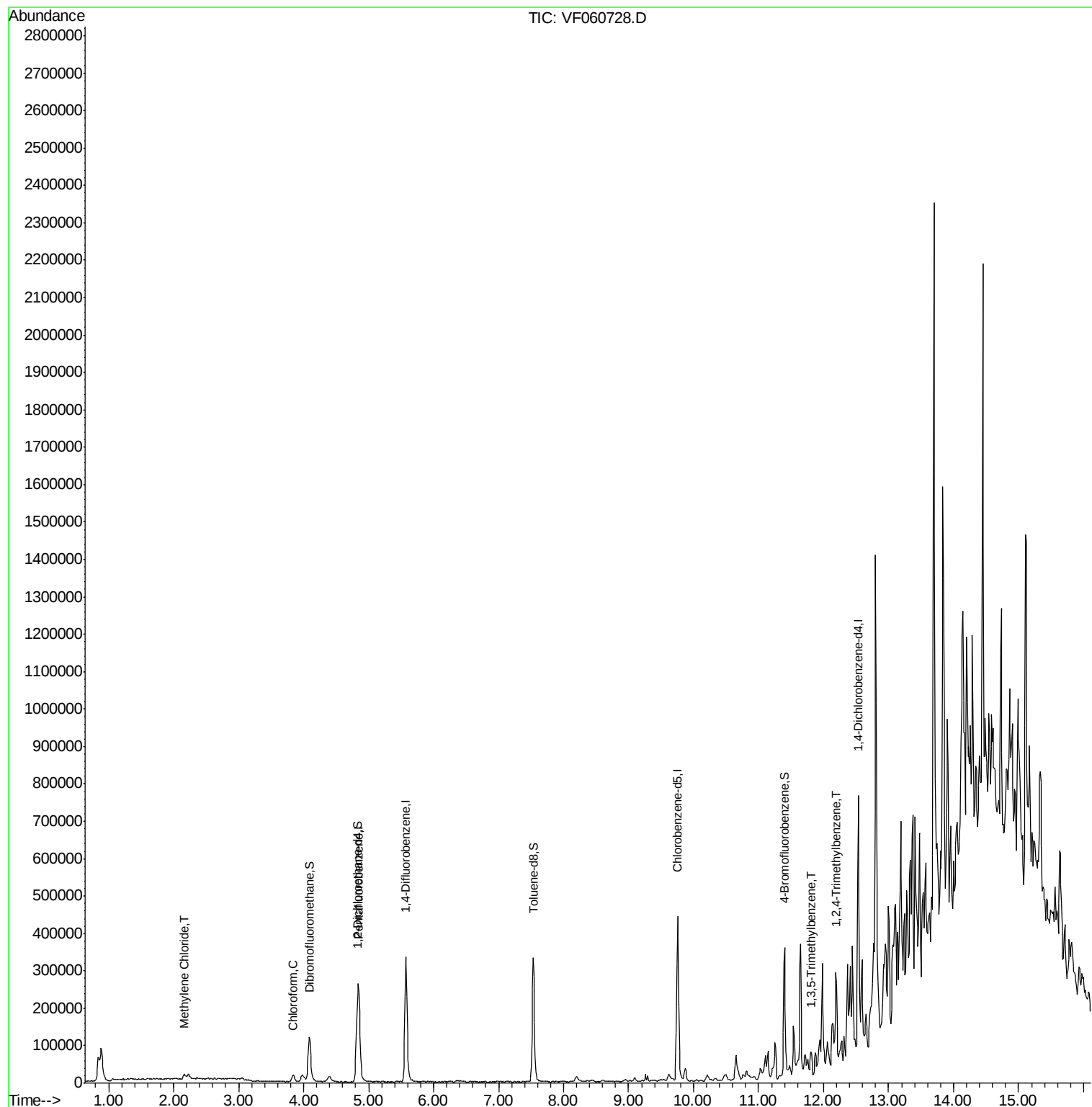
Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF111418\
Data File : VF060728.D
Acq On : 14 Nov 2018 17:02
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Misc : 5.06g/5mL/MSVOA-F/SOIL
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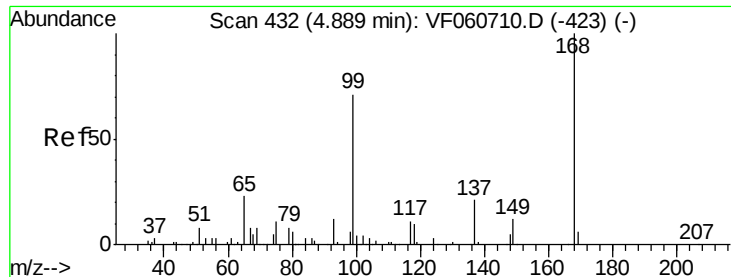
Instrument :
MSVOA_F
ClientSampleId :
MS-OILY-STONE

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Quant Time: Nov 15 14:35:27 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.04 min

Lab File: VF060728.D

Acq: 14 Nov 2018 17:02

Instrument :

MSVOA_F

ClientSampleId :

MS-OILY-STONE

Tot Ion:168 Resp: 206244

Ion Ratio Lower Upper

168 100

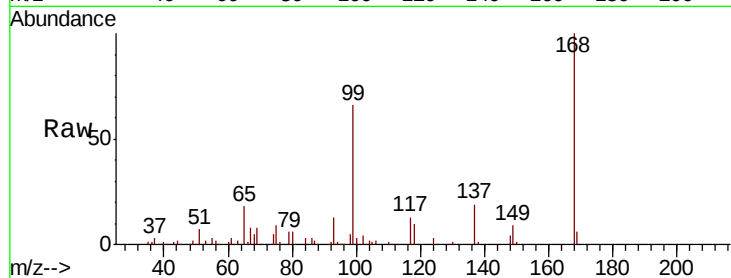
99 65.7 57.2 85.8

Manual Integrations

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

60000

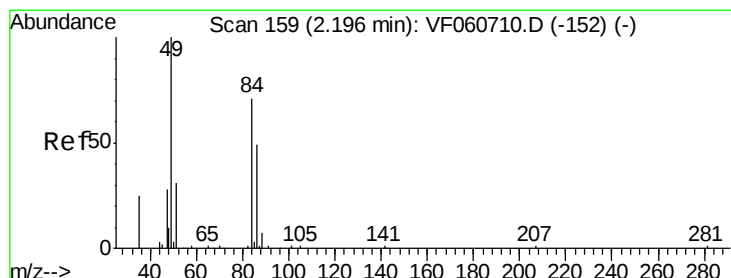
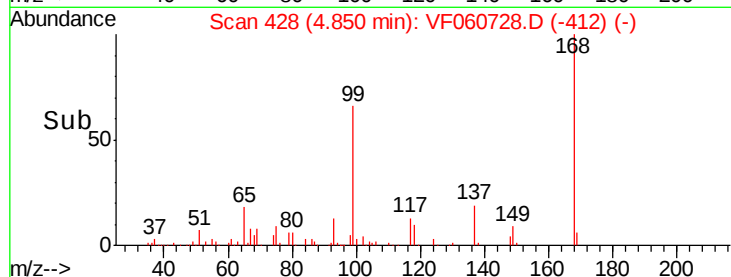
40000

20000

0

Time-->

4.70 4.80 4.90 5.00



#20

Methylene Chloride

Concen: 4.433 ug/l m

RT: 2.17 min Scan# 156

Delta R.T. -0.03 min

Lab File: VF060728.D

Acq: 14 Nov 2018 17:02

Tgt Ion: 84 Resp: 11766

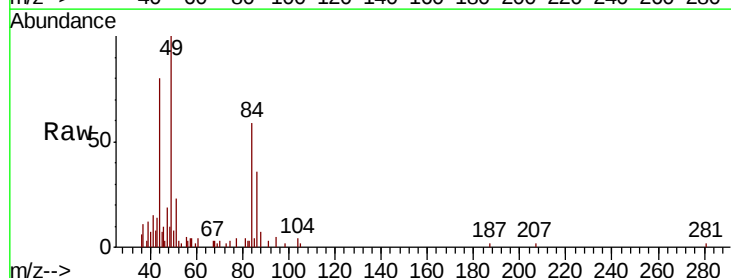
Ion Ratio Lower Upper

84 100

49 170.5 120.2 180.4

51 39.5 37.2 55.8

86 61.7 55.1 82.7



Abundance Ion 84.00 (83.70 to 84.70): VF0

Ion 49.00 (48.70 to 49.70): VF0

Ion 51.00 (50.70 to 51.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

6000

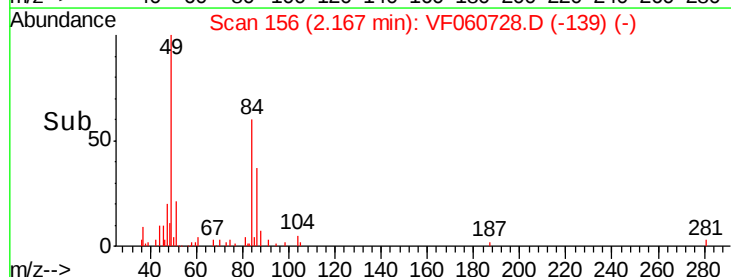
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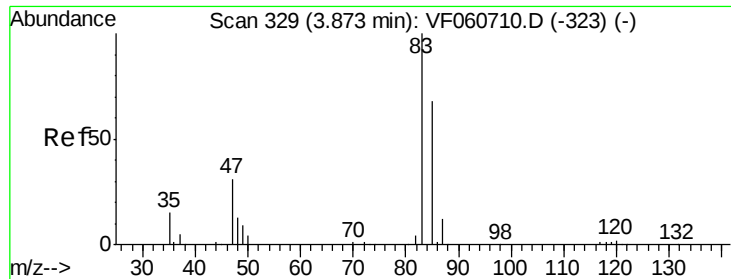
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0

Time-->

2.10 2.20 2.30





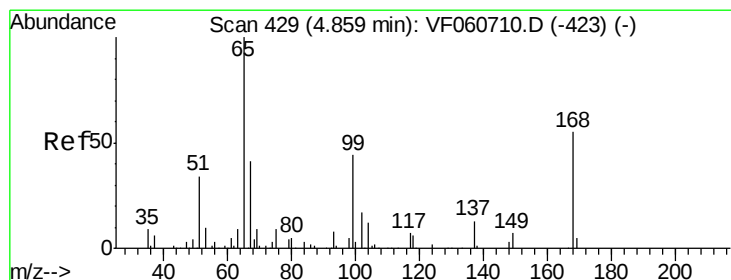
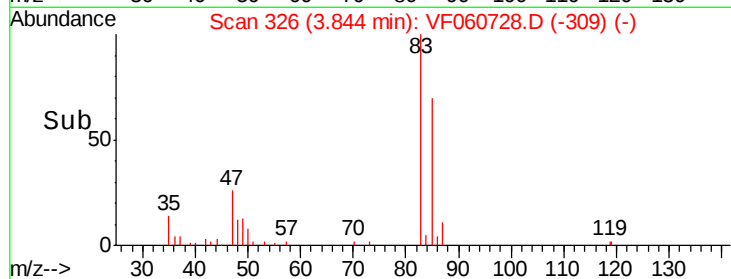
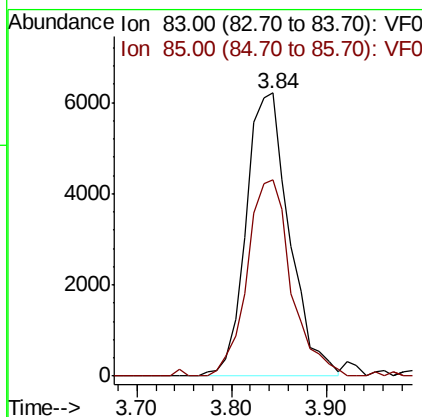
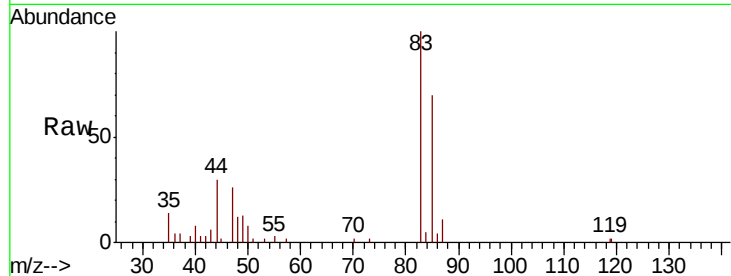
#30
Chloroform
Concen: 3.572 ug/l
RT: 3.84 min Scan# 326
Delta R.T. -0.03 min
Lab File: VF060728.D
Acq: 14 Nov 2018 17:02

Instrument :
MSVOA_F
ClientSampleId :
MS-OILY-STONE

Tot Ion: 83 Resp: 19746
Ion Ratio Lower Upper
83 100
85 69.5 54.6 82.0

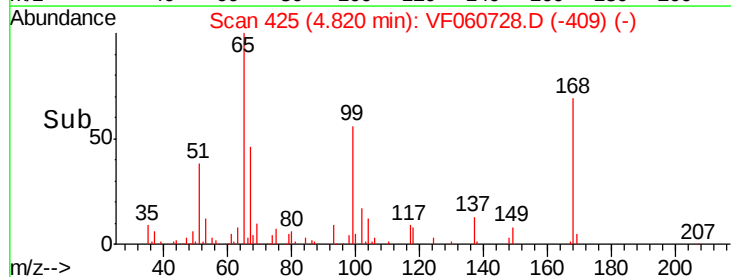
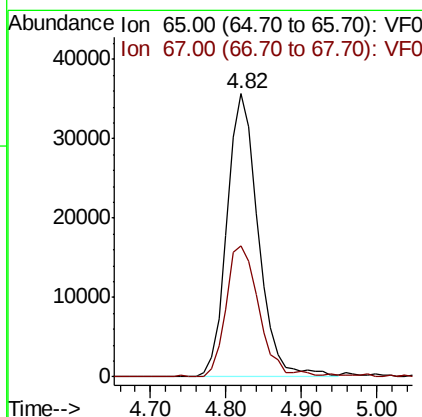
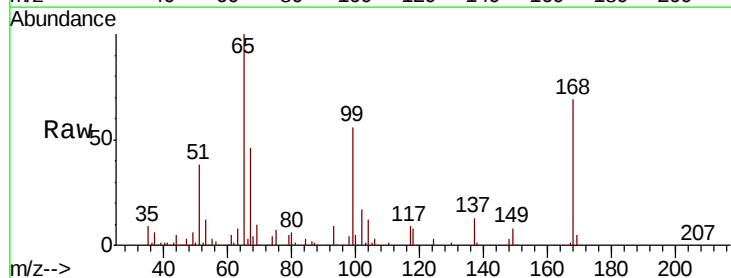
Manual Integrations
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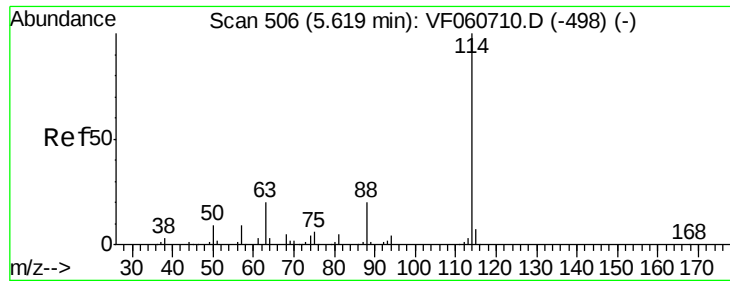
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#33
1,2-Dichloroethane-d4
Concen: 43.340 ug/l
RT: 4.82 min Scan# 425
Delta R.T. -0.04 min
Lab File: VF060728.D
Acq: 14 Nov 2018 17:02

Tgt Ion: 65 Resp: 101955
Ion Ratio Lower Upper
65 100
67 46.1 0.0 90.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.04 min

Lab File: VF060728.D

Acq: 14 Nov 2018 17:02

Instrument :

MSVOA_F

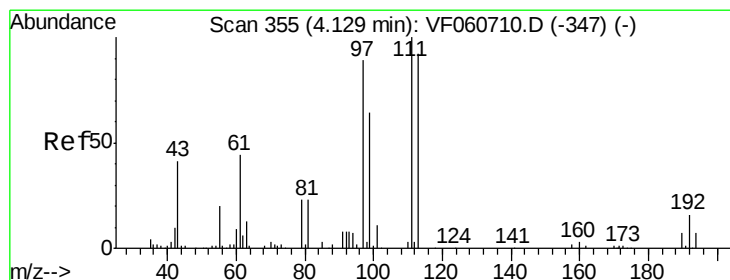
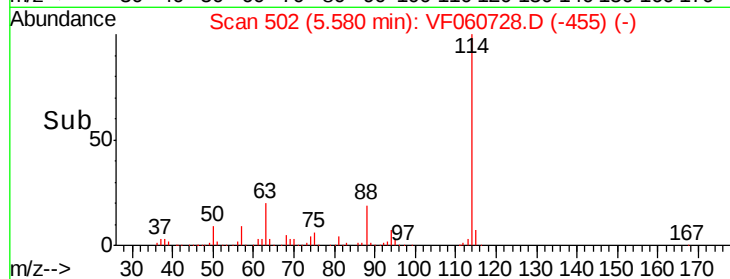
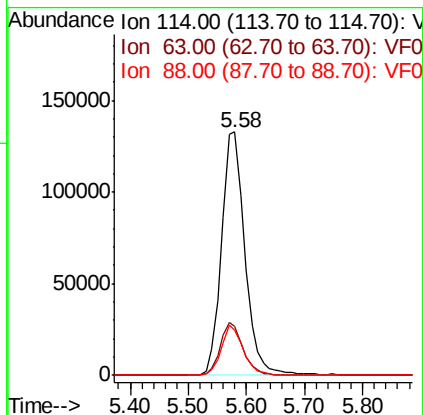
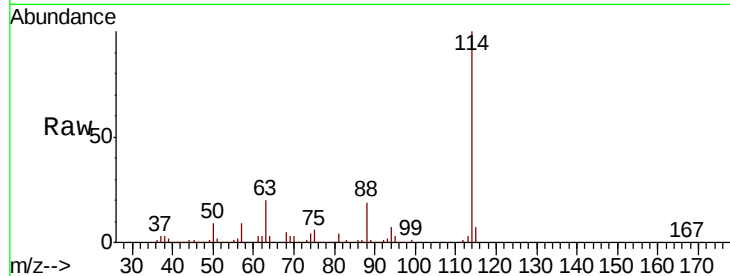
ClientSampleId :

MS-OILY-STONE

Tot Ion:	114	Resp:	371240
Ion Ratio	Lower	Upper	
114	100		
63	20.2	0.0	40.8
88	18.7	0.0	39.6

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#35

Dibromofluoromethane

Concen: 41.793 ug/l

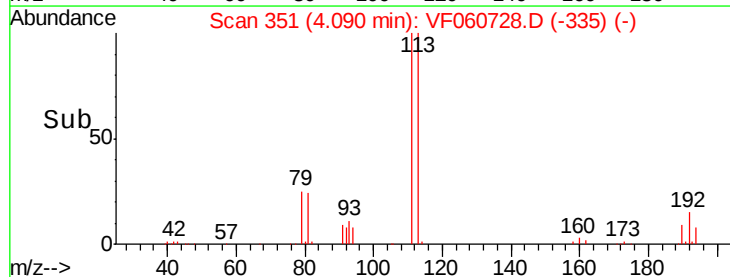
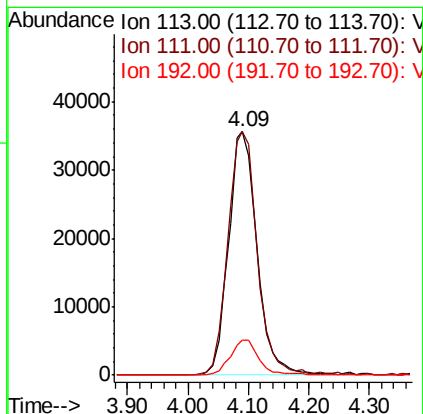
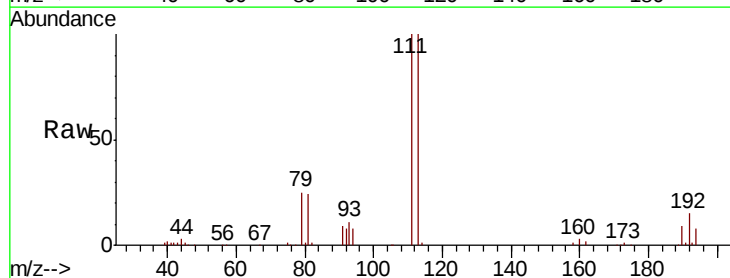
RT: 4.09 min Scan# 351

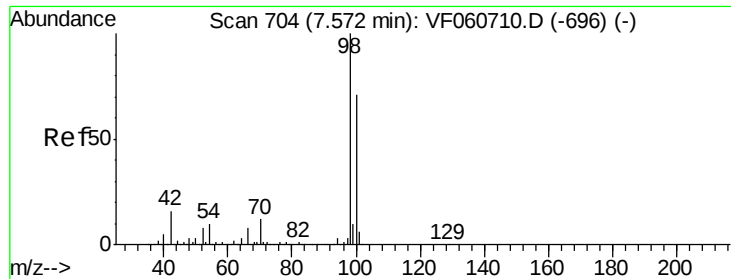
Delta R.T. -0.04 min

Lab File: VF060728.D

Acq: 14 Nov 2018 17:02

Tgt Ion:	113	Resp:	116627
Ion Ratio	Lower	Upper	
113	100		
111	99.9	87.1	130.7
192	15.3	13.8	20.6





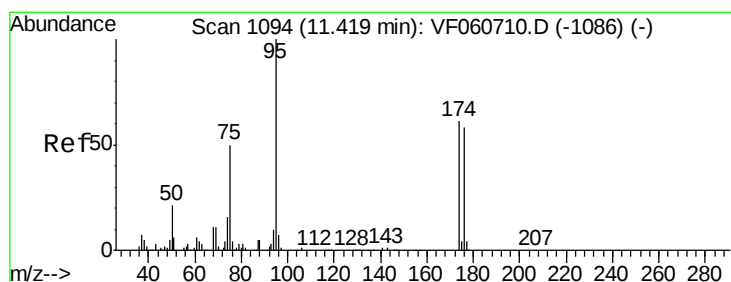
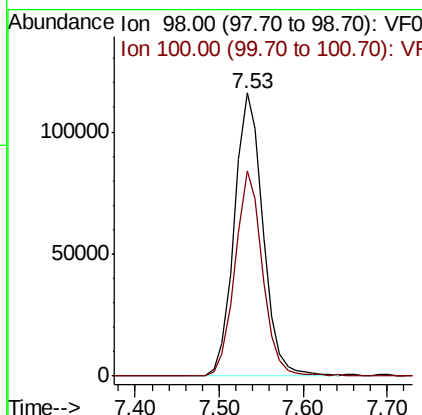
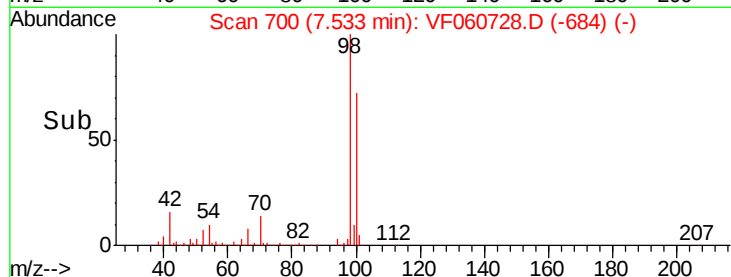
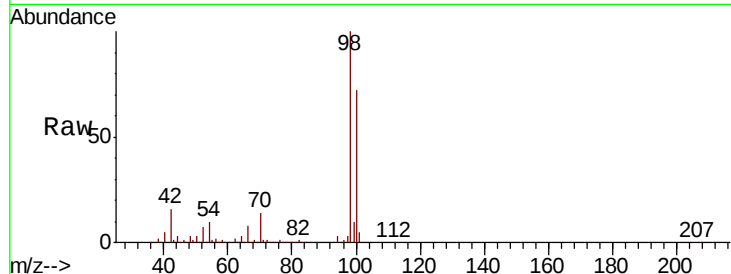
#50
Toluene-d8
Concen: 37.470 ug/l
RT: 7.53 min Scan# 700
Delta R.T. -0.04 min
Lab File: VF060728.D
Acq: 14 Nov 2018 17:02

Instrument :
MSVOA_F
ClientSampleId :
MS-OILY-STONE

Tot Ion: 98 Resp: 274921
Ion Ratio Lower Upper
98 100
100 72.5 56.5 84.7

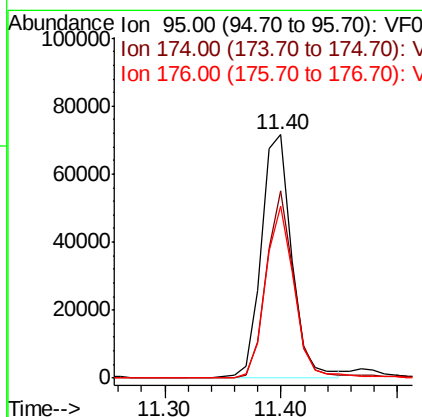
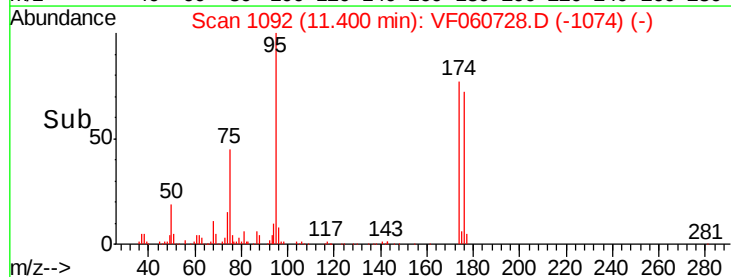
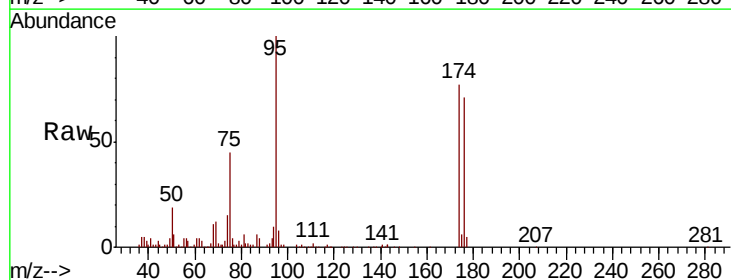
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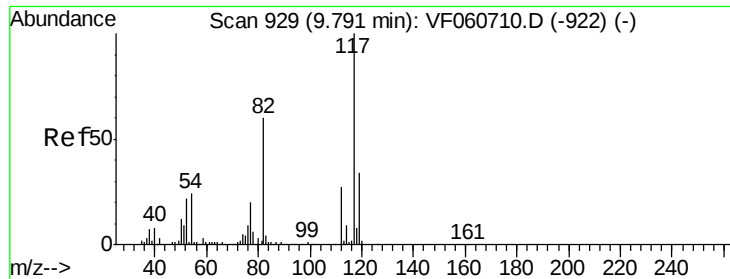
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#62
4-Bromofluorobenzene
Concen: 38.475 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.02 min
Lab File: VF060728.D
Acq: 14 Nov 2018 17:02

Tgt Ion: 95 Resp: 130136
Ion Ratio Lower Upper
95 100
174 76.7 0.0 121.6
176 70.9 0.0 115.2





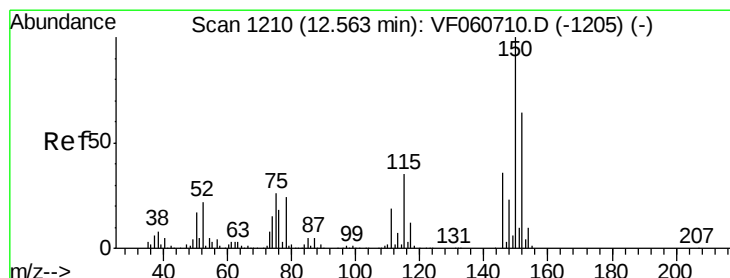
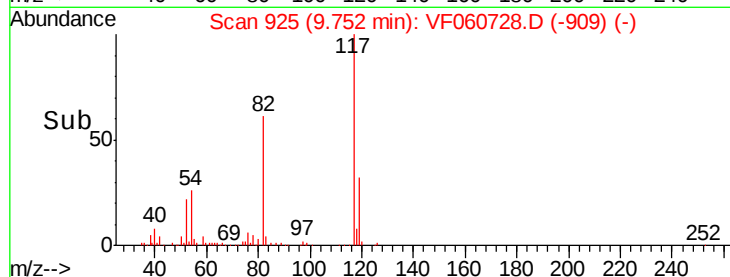
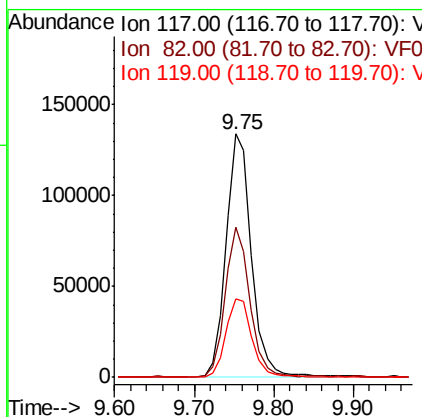
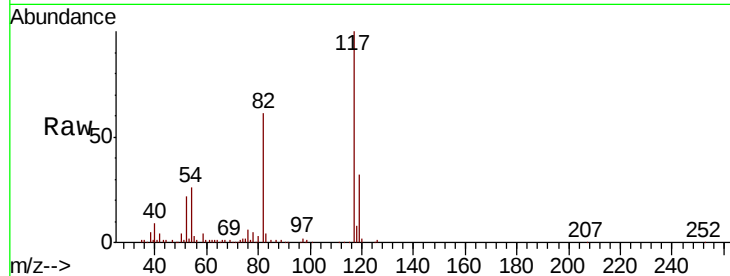
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.75 min Scan# 925
Delta R.T. -0.04 min
Lab File: VF060728.D
Acq: 14 Nov 2018 17:02

Instrument :
MSVOA_F
ClientSampleId :
MS-OILY-STONE

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.5	47.9	71.9
119	32.2	26.8	40.2

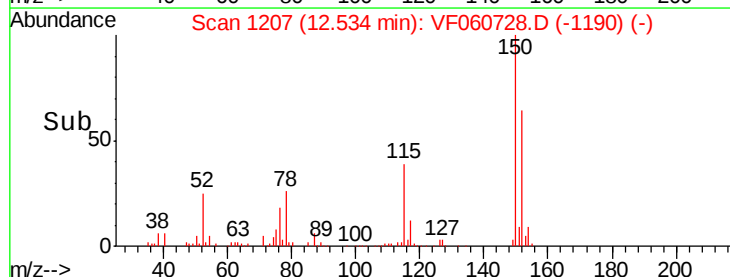
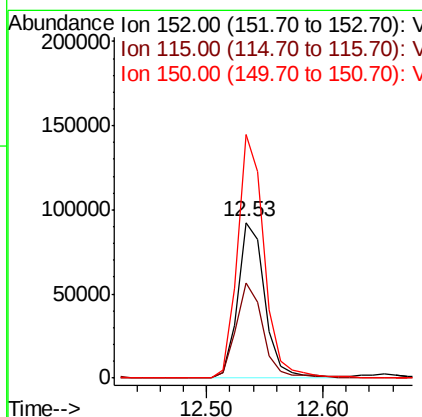
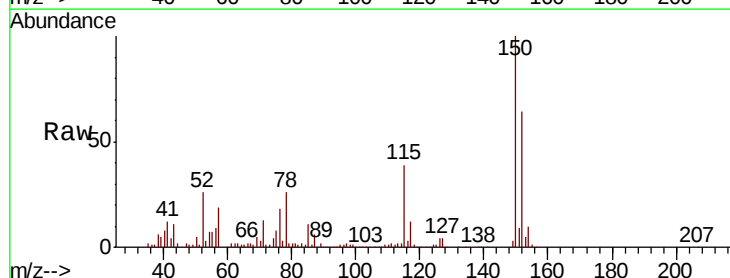
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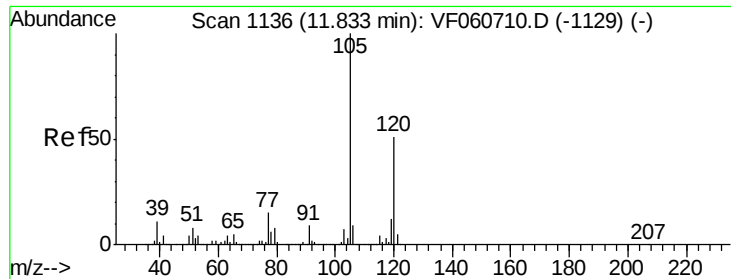
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.53 min Scan# 1207
Delta R.T. -0.03 min
Lab File: VF060728.D
Acq: 14 Nov 2018 17:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.7	27.9	83.7
150	156.2	0.0	316.4





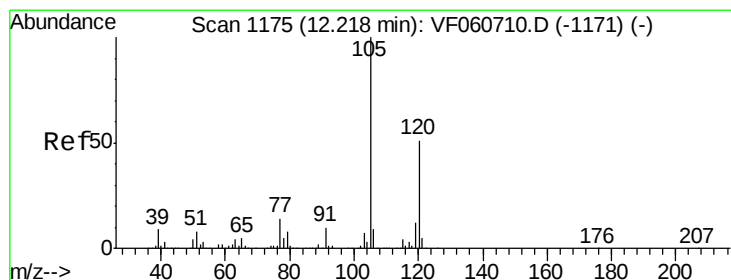
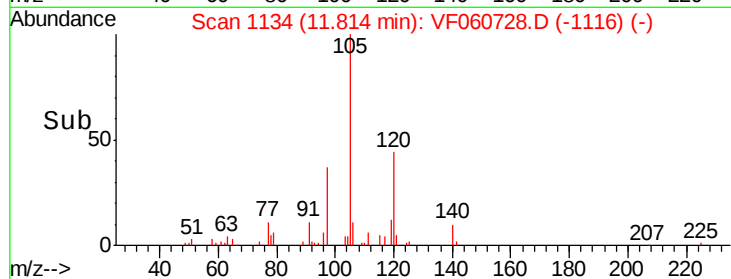
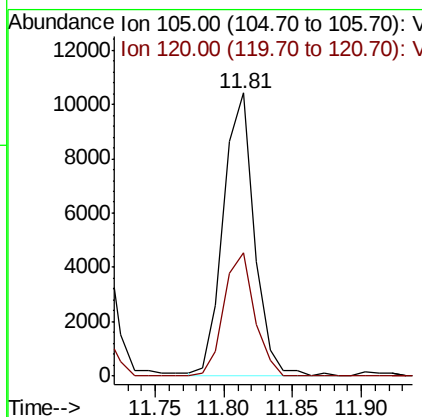
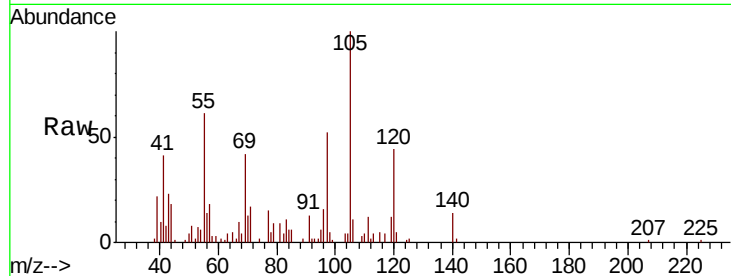
#80
 1,3,5-Trimethylbenzene
 Concen: 1.704 ug/l
 RT: 11.81 min Scan# 1134
 Delta R.T. -0.02 min
 Lab File: VF060728.D
 Acq: 14 Nov 2018 17:02

Instrument :
 MSVOA_F
 ClientSampleId :
 MS-OILY-STONE

Tot Ion:105 Resp: 16393
 Ion Ratio Lower Upper
 105 100
 120 43.6 25.6 76.8

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#84
 1,2,4-Trimethylbenzene
 Concen: 2.094 ug/l
 RT: 12.19 min Scan# 1172
 Delta R.T. -0.03 min
 Lab File: VF060728.D
 Acq: 14 Nov 2018 17:02

Tgt Ion:105 Resp: 20838
 Ion Ratio Lower Upper
 105 100
 120 45.5 25.5 76.5

