

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031419\
 Data File : VF061952.D
 Acq On : 14 Mar 2019 21:38
 Operator : VA/AP
 Sample : K1906-01
 Misc : 5.03g/5mL/MSVOA-F/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OILY-DEBRIS

Quant Time: Mar 15 02:04:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 05 04:50:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	204075	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.60	114	309976	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.78	117	260900	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	141579	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.85	65	82202	55.31	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	110.62%	
35) Dibromofluoromethane	4.11	113	118740	54.89	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	109.78%	
50) Toluene-d8	7.55	98	318892	49.60	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	99.20%	
62) 4-Bromofluorobenzene	11.41	95	131079	52.04	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	104.08%	

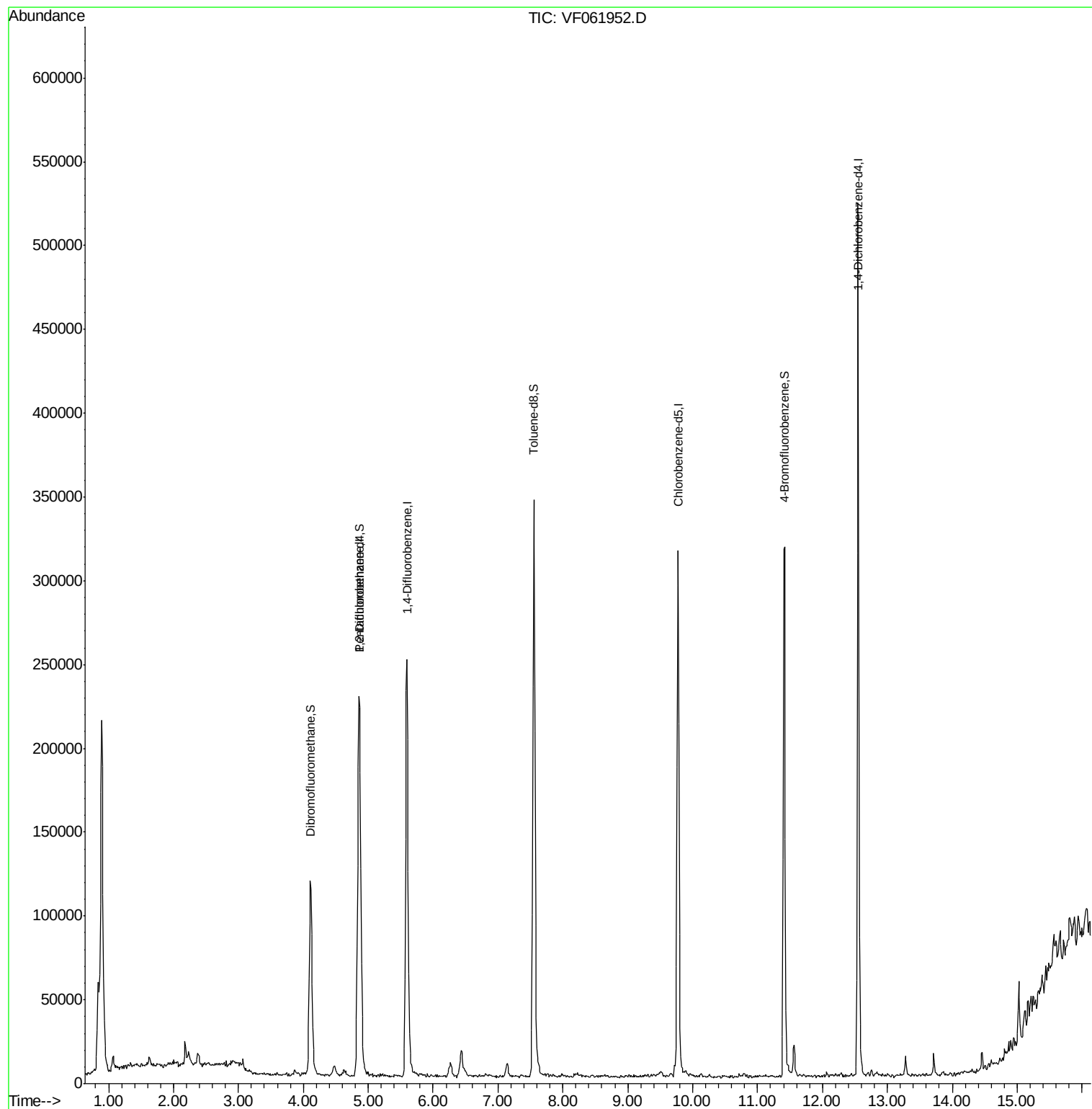
Target Compounds	Qvalue

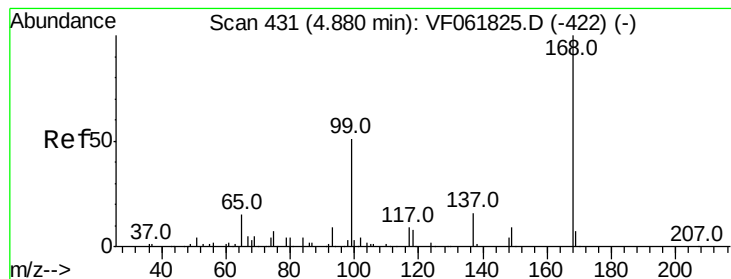
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Mar 05 04:50:44 2019
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: VF061952.D

Acq: 14 Mar 2019 21:38

Instrument :

MSVOA_F

ClientSampleId :

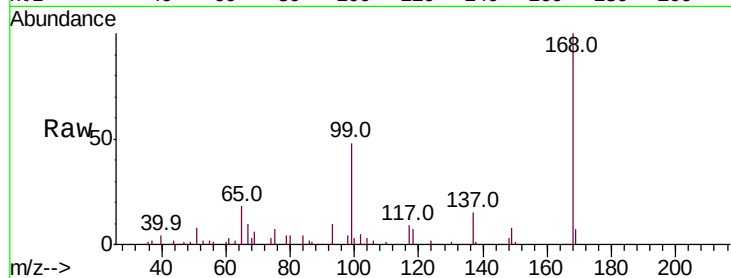
OILY-DEBRIS

Tot Ion:168 Resp: 204075

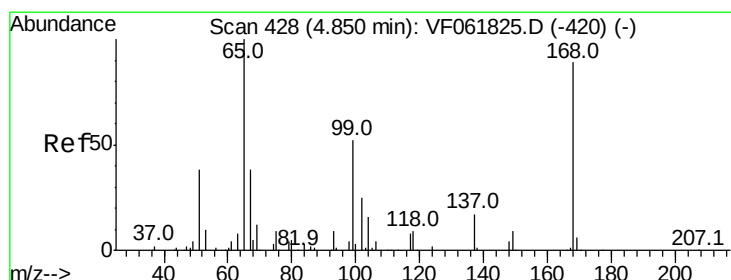
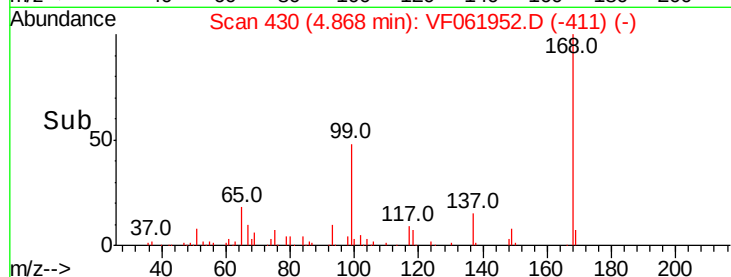
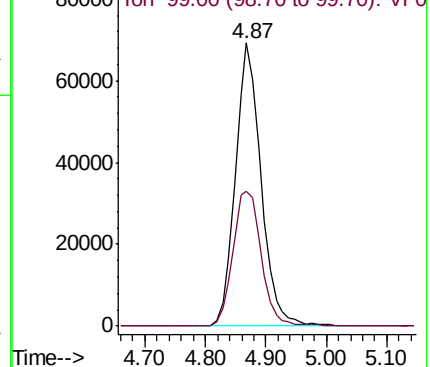
Ion Ratio Lower Upper

168 100

99 47.8 40.8 61.2



Abundance Ion 168.00 (167.70 to 168.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 55.311 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.00 min

Lab File: VF061952.D

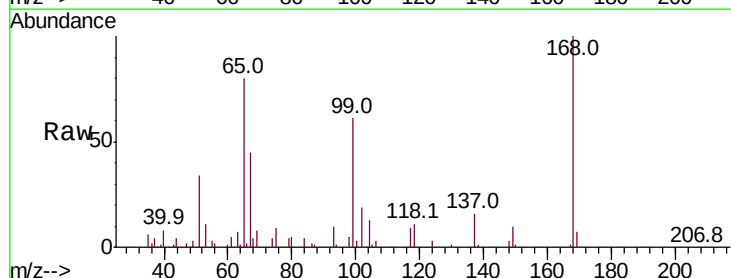
Acq: 14 Mar 2019 21:38

Tgt Ion: 65 Resp: 82202

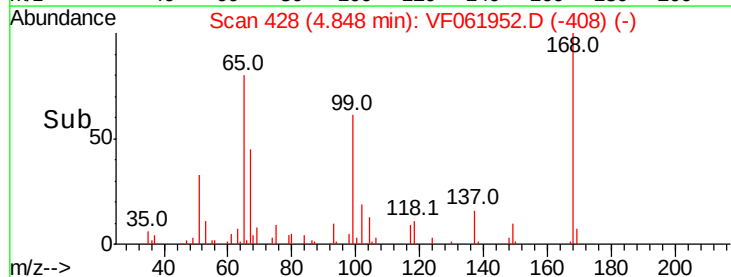
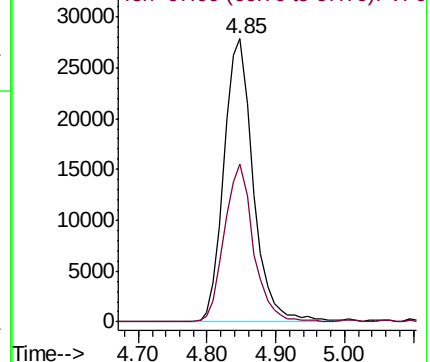
Ion Ratio Lower Upper

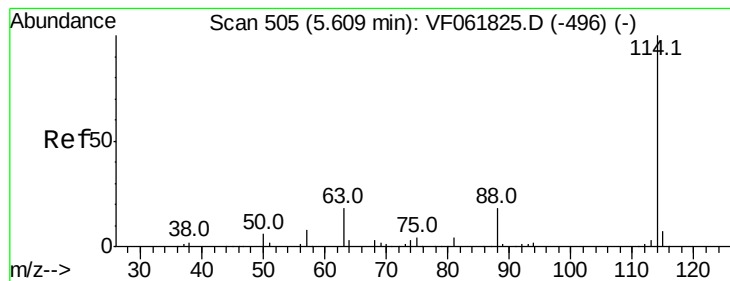
65 100

67 55.6 0.0 108.6



Abundance Ion 65.00 (64.70 to 65.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.60 min Scan# 504

Delta R.T. -0.01 min

Lab File: VF061952.D

Acq: 14 Mar 2019 21:38

Instrument :

MSVOA_F

ClientSampleId :

OILY-DEBRIS

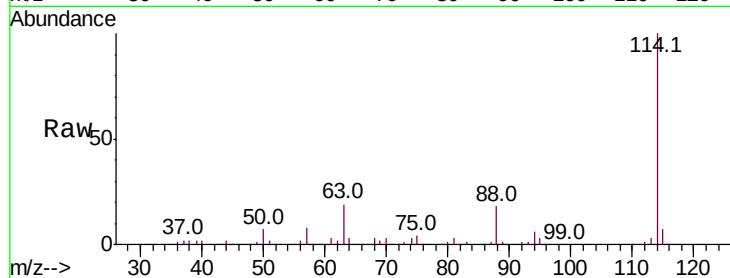
Tot Ion:114 Resp: 309976

Ion Ratio Lower Upper

114 100

63 19.1 0.0 35.6

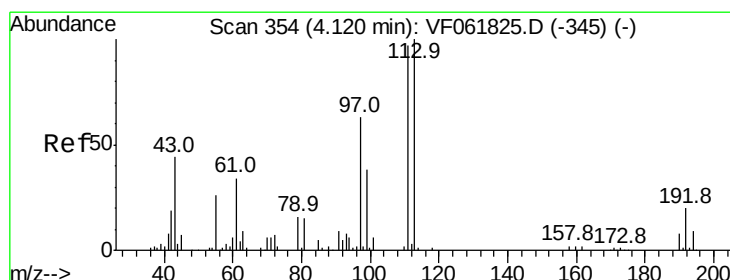
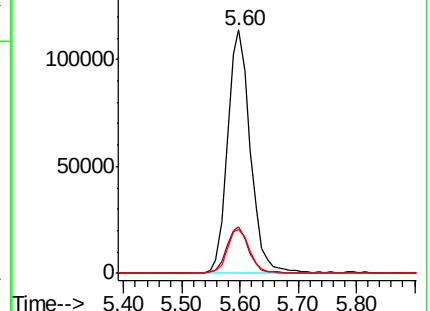
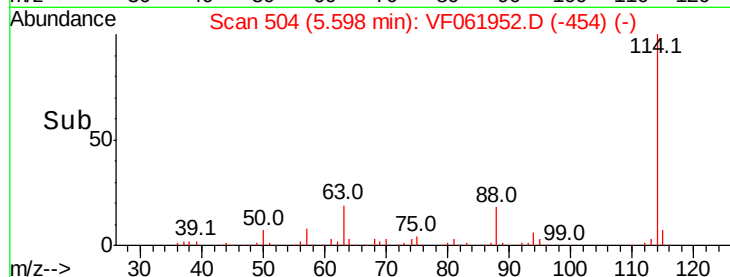
88 18.1 0.0 35.6



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: 54.890 ug/l

RT: 4.11 min Scan# 353

Delta R.T. -0.01 min

Lab File: VF061952.D

Acq: 14 Mar 2019 21:38

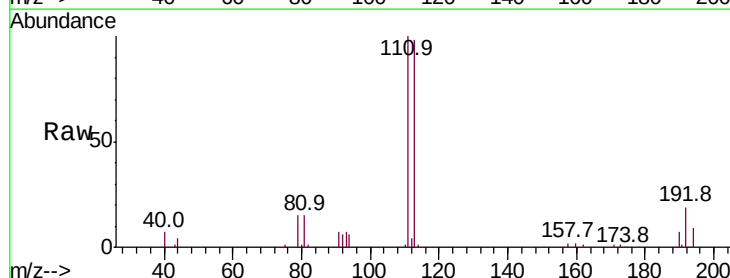
Tgt Ion:113 Resp: 118740

Ion Ratio Lower Upper

113 100

111 101.8 77.6 116.4

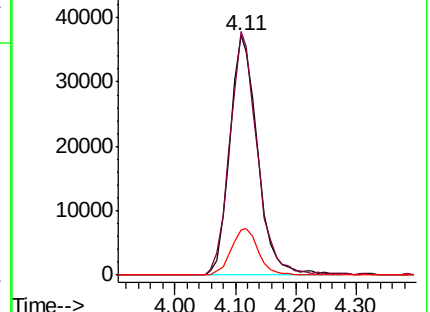
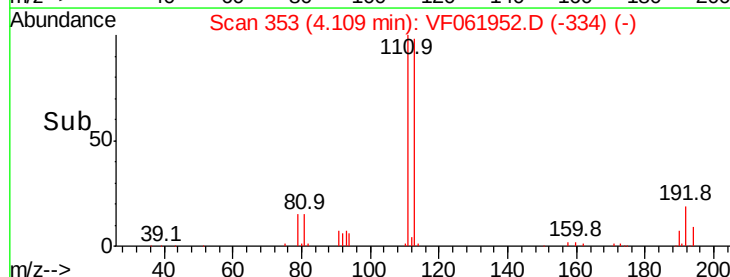
192 19.6 15.9 23.9

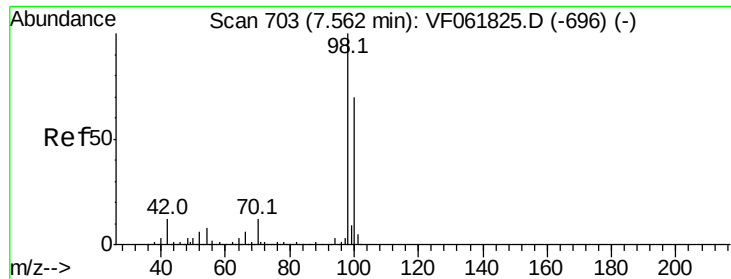


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

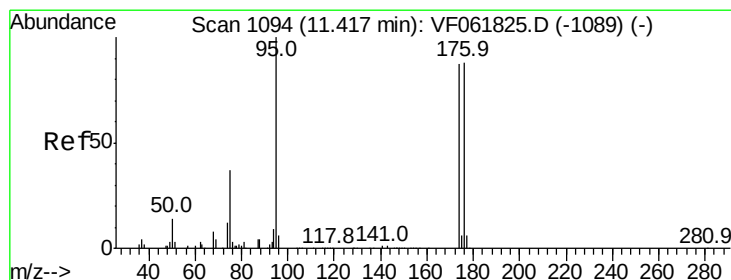
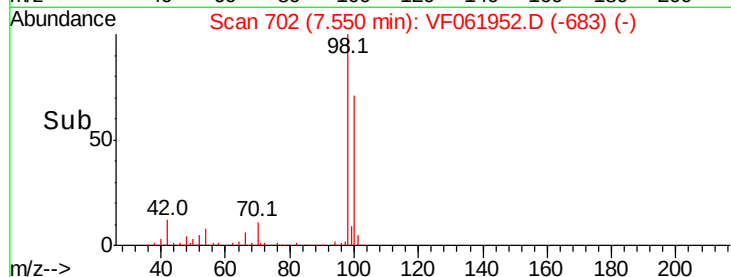
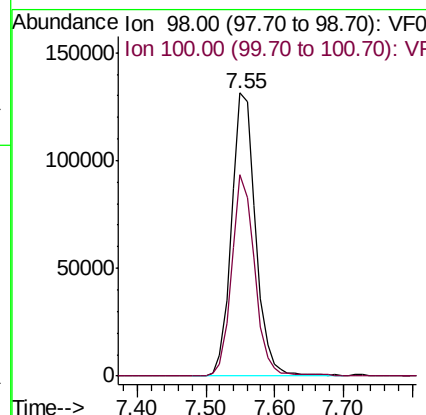
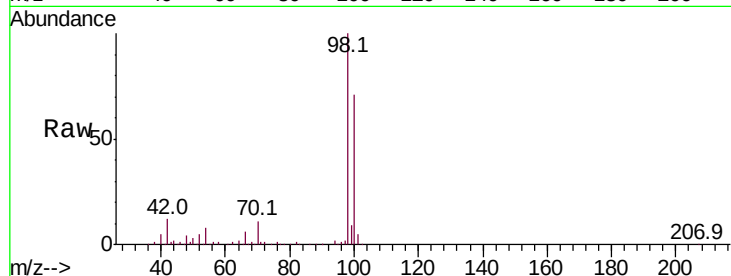




#50
Toluene-d8
Concen: 49.596 ug/l
RT: 7.55 min Scan# 702
Delta R.T. -0.01 min
Lab File: VF061952.D
Acq: 14 Mar 2019 21:38

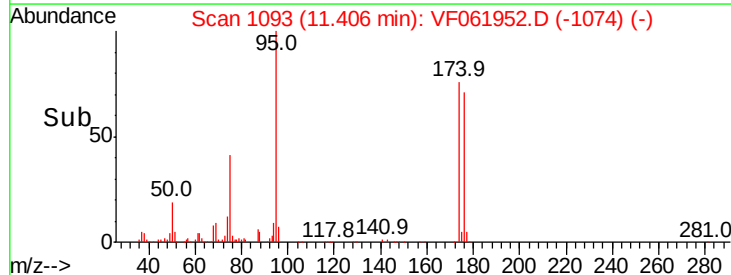
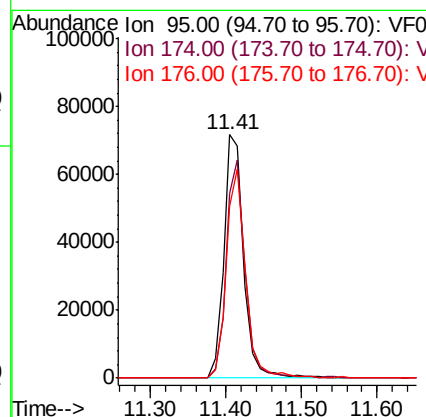
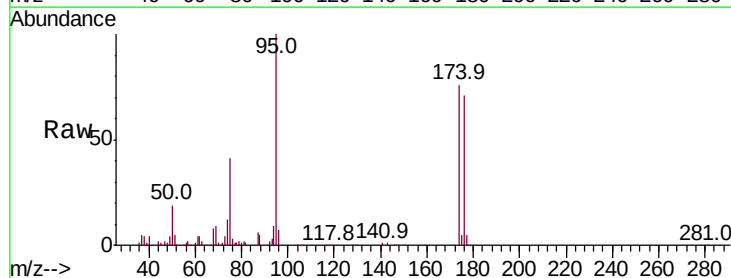
Instrument :
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OILY-DEBRIS

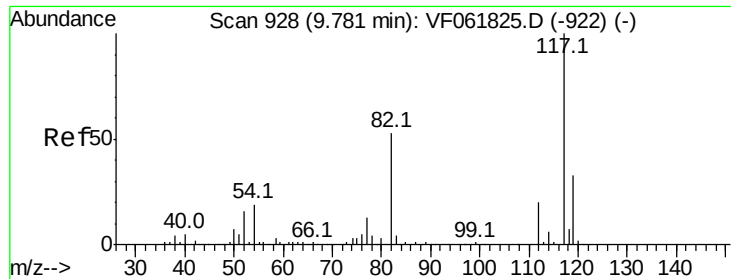
Tot Ion: 98 Resp: 318892
Ion Ratio Lower Upper
98 100
100 71.0 56.0 84.0



#62
4-Bromofluorobenzene
Concen: 52.042 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VF061952.D
Acq: 14 Mar 2019 21:38

Tgt Ion: 95 Resp: 131079
Ion Ratio Lower Upper
95 100
174 76.1 0.0 174.0
176 70.6 0.0 175.2

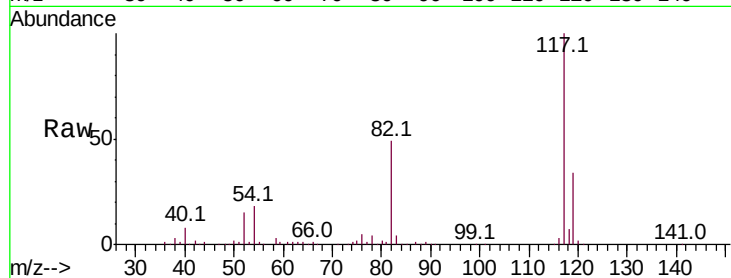




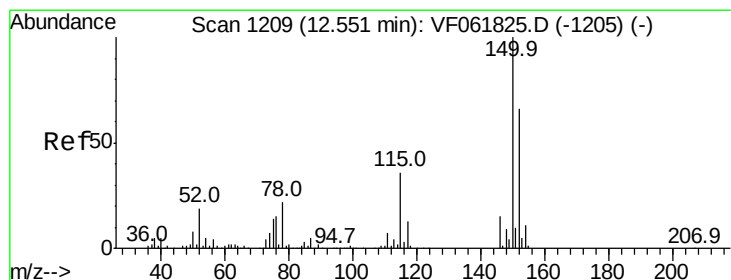
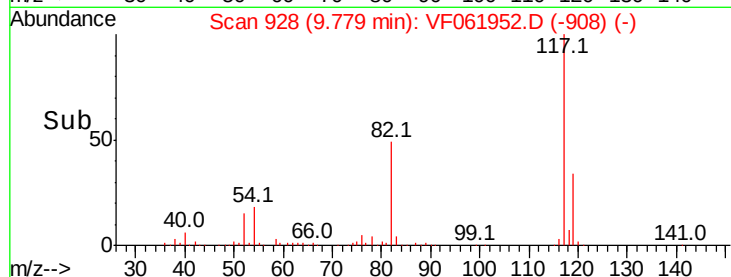
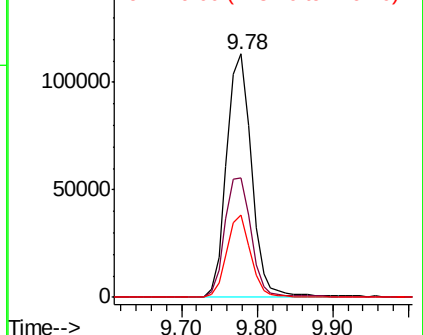
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. -0.00 min
Lab File: VF061952.D
Acq: 14 Mar 2019 21:38

Instrument :
MSVOA_F
ClientSampleId :
OILY-DEBRIS

Tot Ion:117 Resp: 260900
Ion Ratio Lower Upper
117 100
82 49.1 42.6 63.8
119 33.8 26.0 39.0

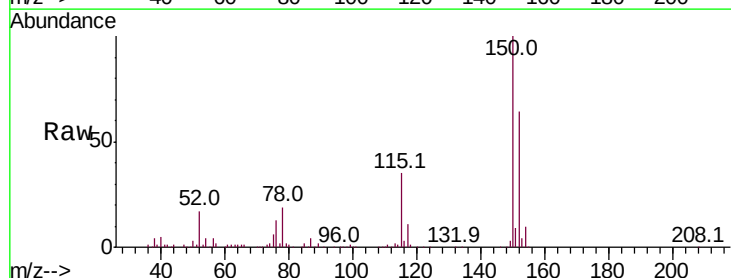


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. -0.00 min
Lab File: VF061952.D
Acq: 14 Mar 2019 21:38

Tgt Ion:152 Resp: 141579
Ion Ratio Lower Upper
152 100
115 54.4 27.7 83.1
150 155.3 0.0 304.2



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

