

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF052119\
 Data File : VF062693.D
 Acq On : 21 May 2019 19:59
 Operator : FY/SY
 Sample : K2971-11RE
 Misc : 6.17g/5mL/MSVOA F/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SUP-2A-G-11-052019RE

Quant Time: May 22 04:40:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 05:49:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	713606	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.78	114	1185180	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.91	117	792018	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.61	152	370167	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.04	65	193254	38.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.64%	
35) Dibromofluoromethane	4.31	113	342092	37.72	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	75.44%	
50) Toluene-d8	7.71	98	671848	31.03	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	62.06%	
62) 4-Bromofluorobenzene	11.49	95	235584	28.69	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	57.38%	

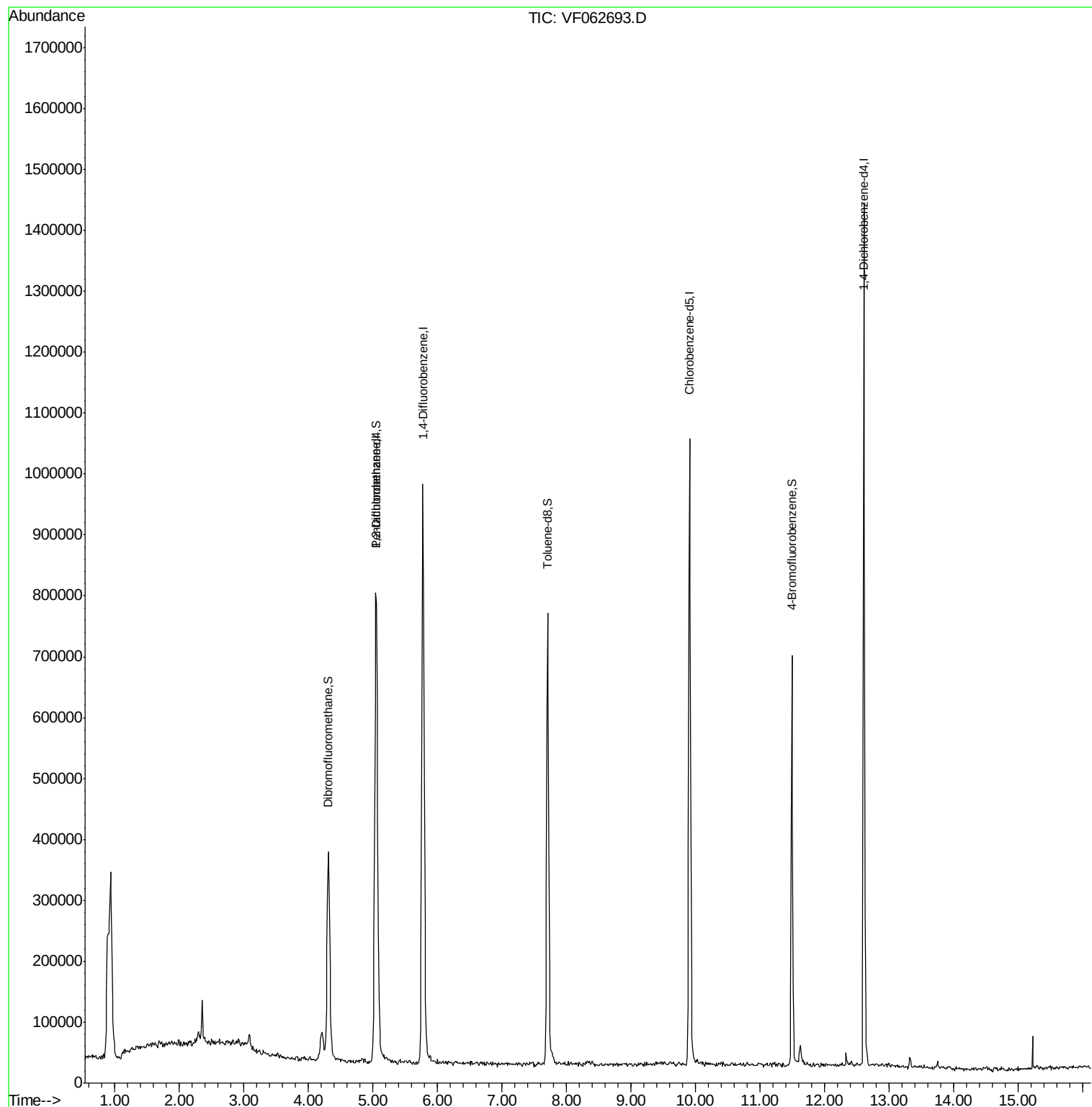
Target Compounds	Qvalue
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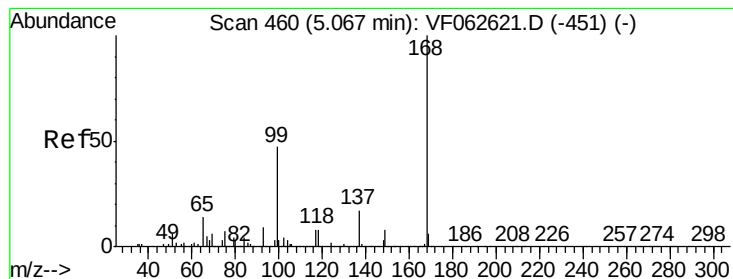
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri May 17 05:49:09 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 459

Delta R.T. -0.01 min

Lab File: VF062693.D

Acq: 21 May 2019 19:59

Instrument :

MSVOA_F

ClientSampleId :

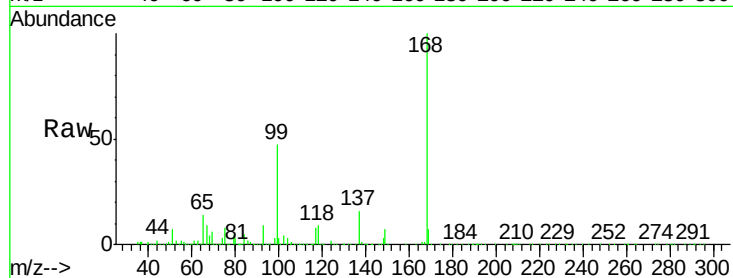
SUP-2A-G-11-052019RE

Tot Ion:168 Resp: 713606

Ion Ratio Lower Upper

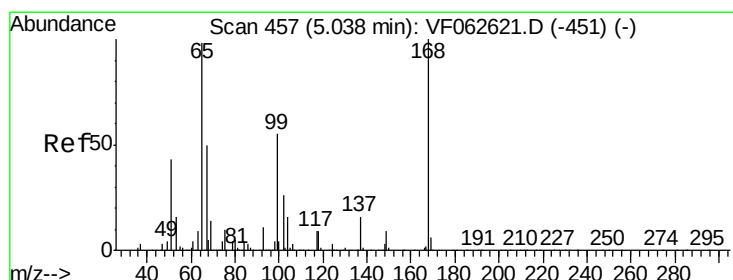
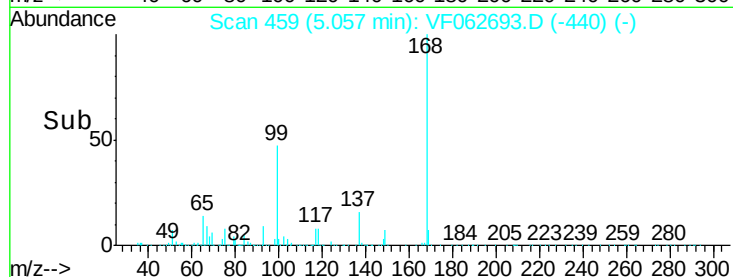
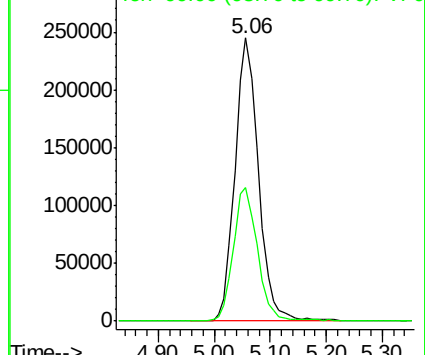
168 100

99 47.2 37.8 56.8



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 38.324 ug/l

RT: 5.04 min Scan# 457

Delta R.T. -0.00 min

Lab File: VF062693.D

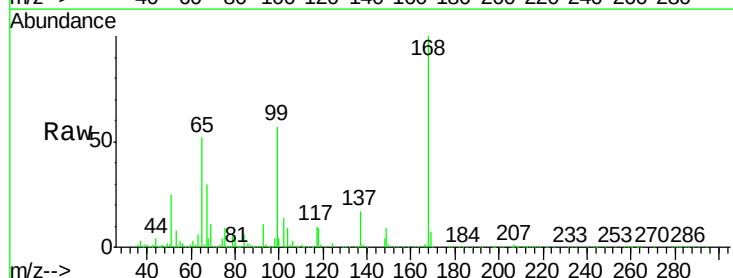
Acq: 21 May 2019 19:59

Tgt Ion: 65 Resp: 193254

Ion Ratio Lower Upper

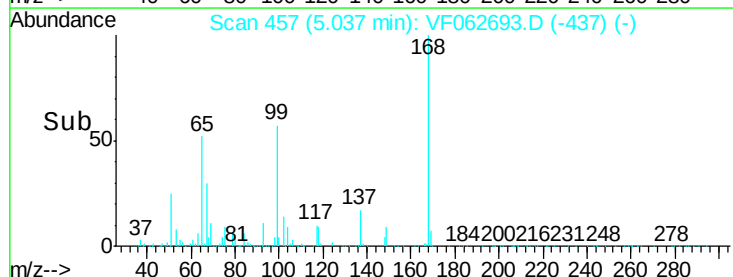
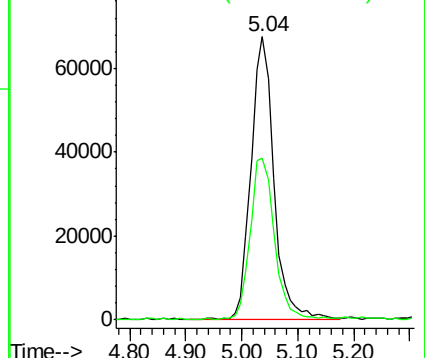
65 100

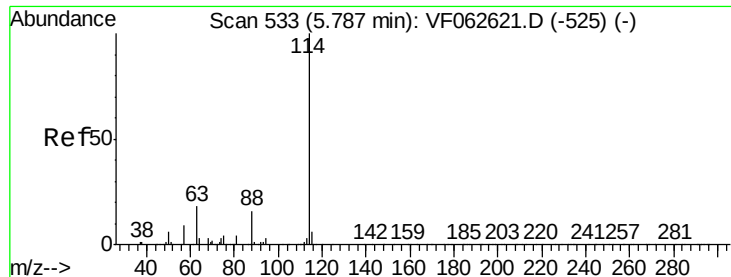
67 57.3 0.0 117.6



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: 5.78 min Scan# 532

Delta R.T. -0.01 min

Lab File: VF062693.D

Acq: 21 May 2019 19:59

Instrument :

MSVOA_F

ClientSampleId :

SUP-2A-G-11-052019RE

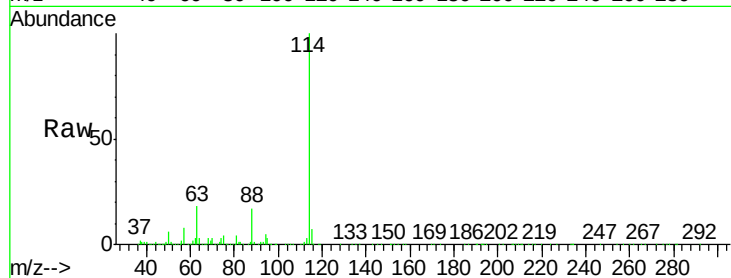
Tot Ion:114 Resp: 1185180

Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.4

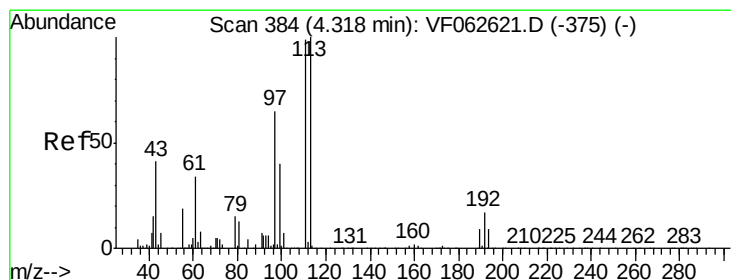
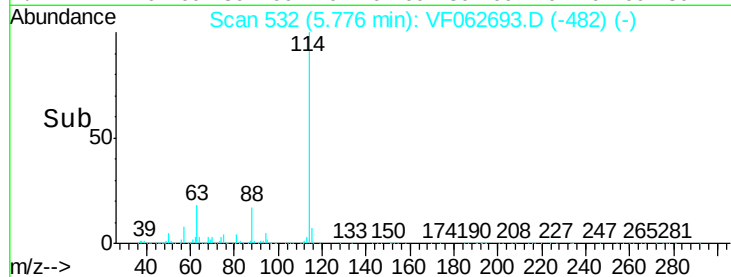
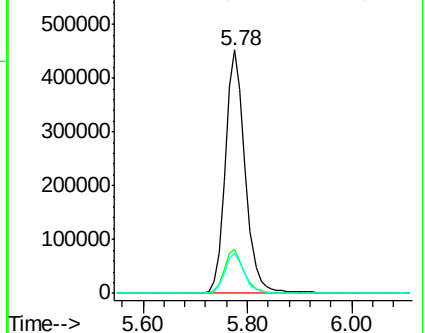
88 16.7 0.0 32.4



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: 37.721 ug/l

RT: 4.31 min Scan# 383

Delta R.T. -0.01 min

Lab File: VF062693.D

Acq: 21 May 2019 19:59

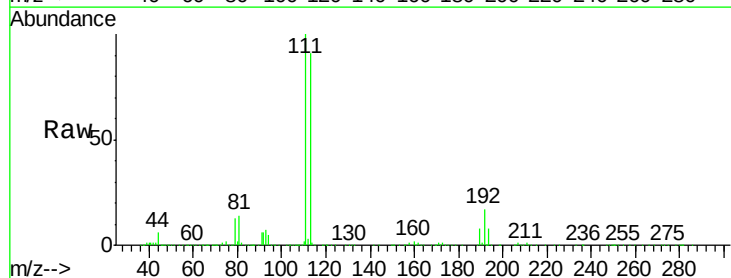
Tgt Ion:113 Resp: 342092

Ion Ratio Lower Upper

113 100

111 108.1 79.4 119.2

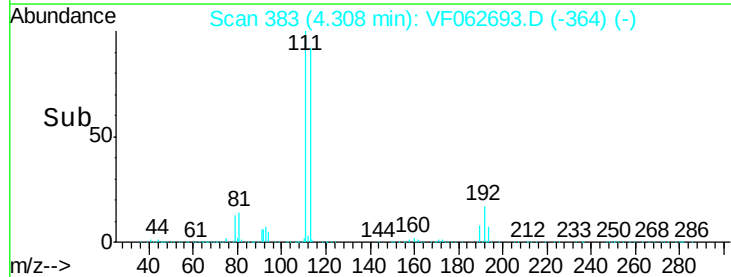
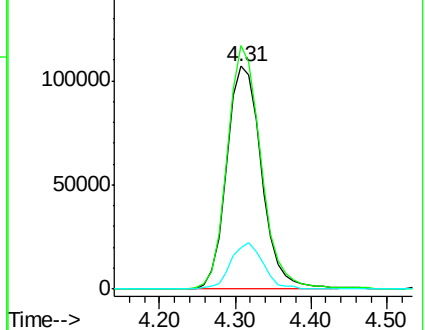
192 18.4 13.4 20.2

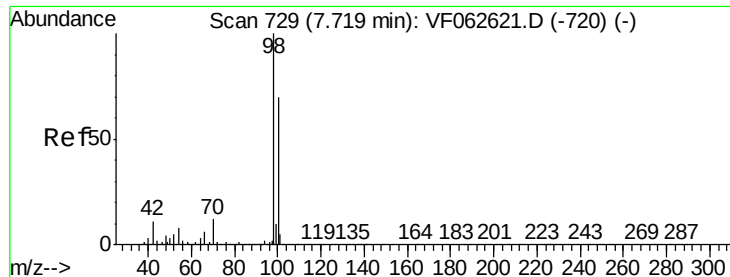


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

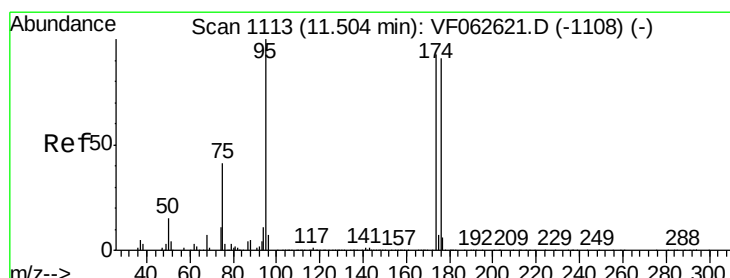
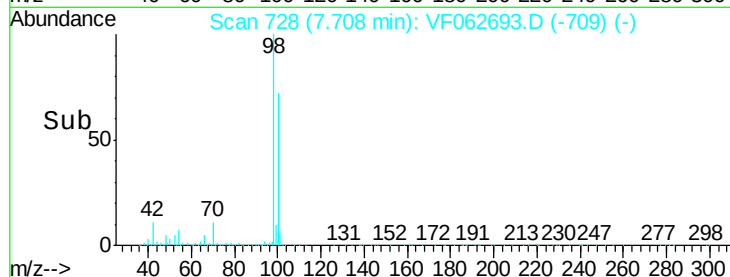
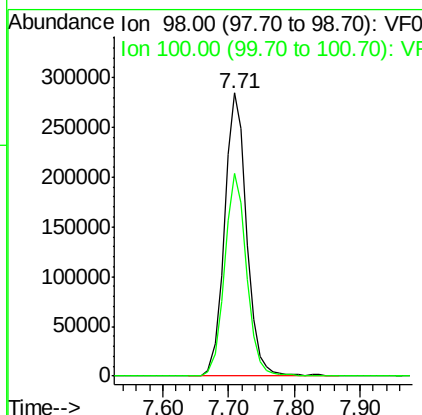
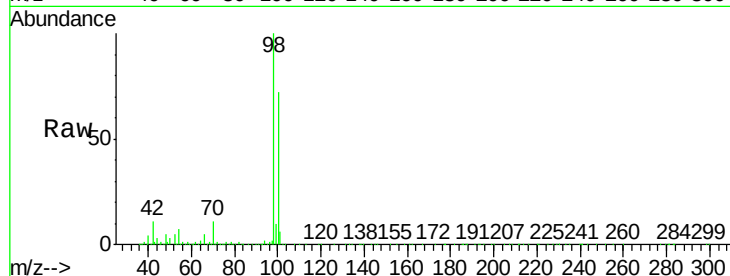




#50
Toluene-d8
Concen: 31.027 ug/l
RT: 7.71 min Scan# 728
Delta R.T. -0.01 min
Lab File: VF062693.D
Acq: 21 May 2019 19:59

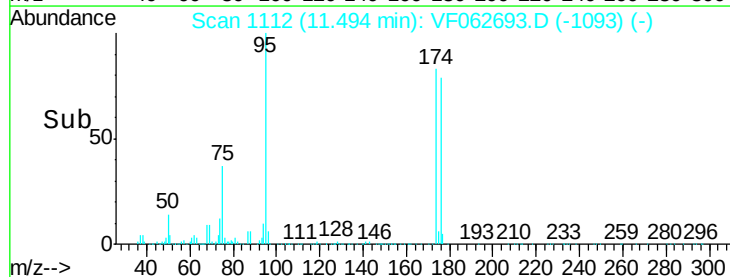
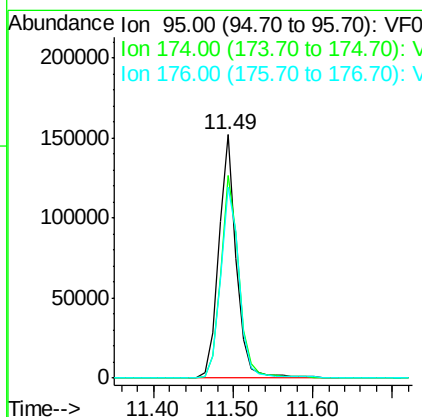
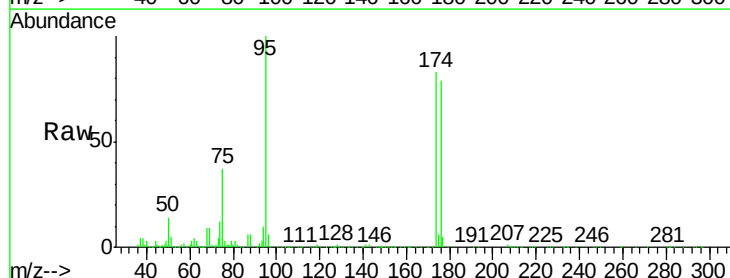
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SUP-2A-G-11-052019RE

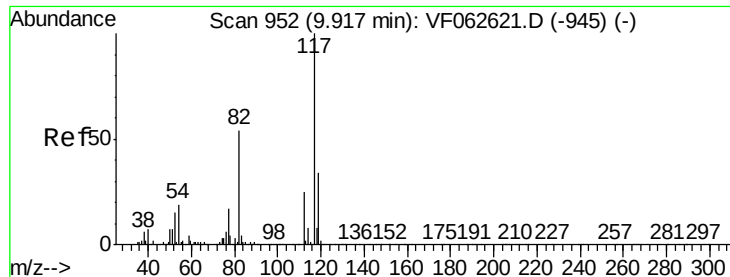
Tot Ion: 98 Resp: 671848
Ion Ratio Lower Upper
98 100
100 71.6 56.2 84.2



#62
4-Bromofluorobenzene
Concen: 28.686 ug/l
RT: 11.49 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VF062693.D
Acq: 21 May 2019 19:59

Tgt Ion: 95 Resp: 235584
Ion Ratio Lower Upper
95 100
174 83.0 0.0 185.6
176 78.6 0.0 182.4

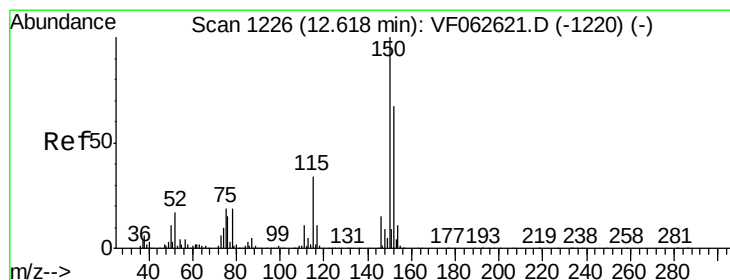
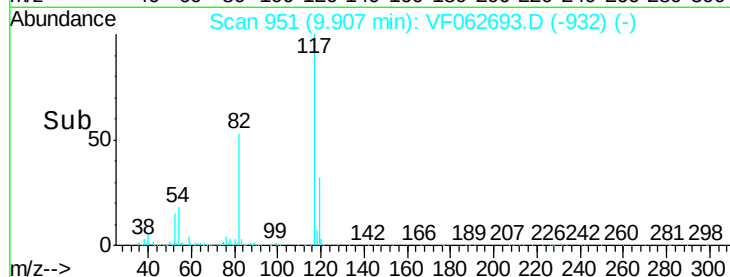
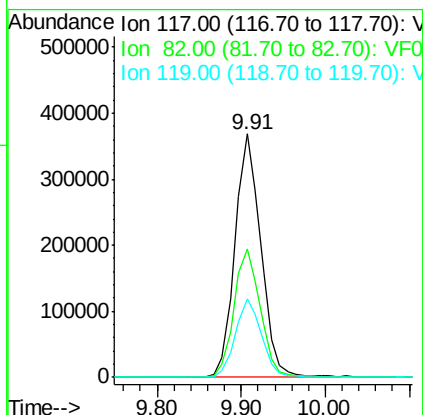
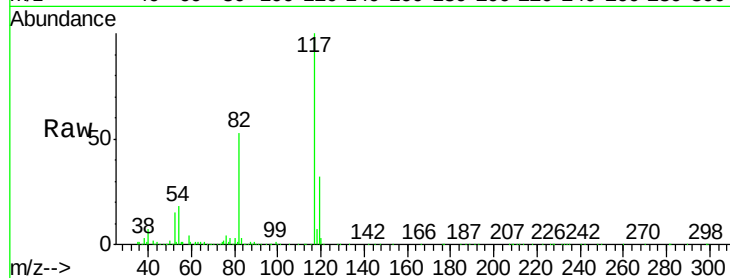




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.01 min
Lab File: VF062693.D
Acq: 21 May 2019 19:59

Instrument :
MSVOA_F
ClientSampleId :
SUP-2A-G-11-052019RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	43.3	64.9
119	32.3	27.4	41.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1225
Delta R.T. -0.01 min
Lab File: VF062693.D
Acq: 21 May 2019 19:59

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.7	25.2	75.6
150	154.3	0.0	306.2

