

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF052019\
 Data File : VF062658.D
 Acq On : 20 May 2019 14:05
 Operator : FY/SY
 Sample : K2643-07RE
 Misc : 5.41g/5mL/MSVOA F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OR-02-051619-BRE

Quant Time: May 21 02:13:38 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

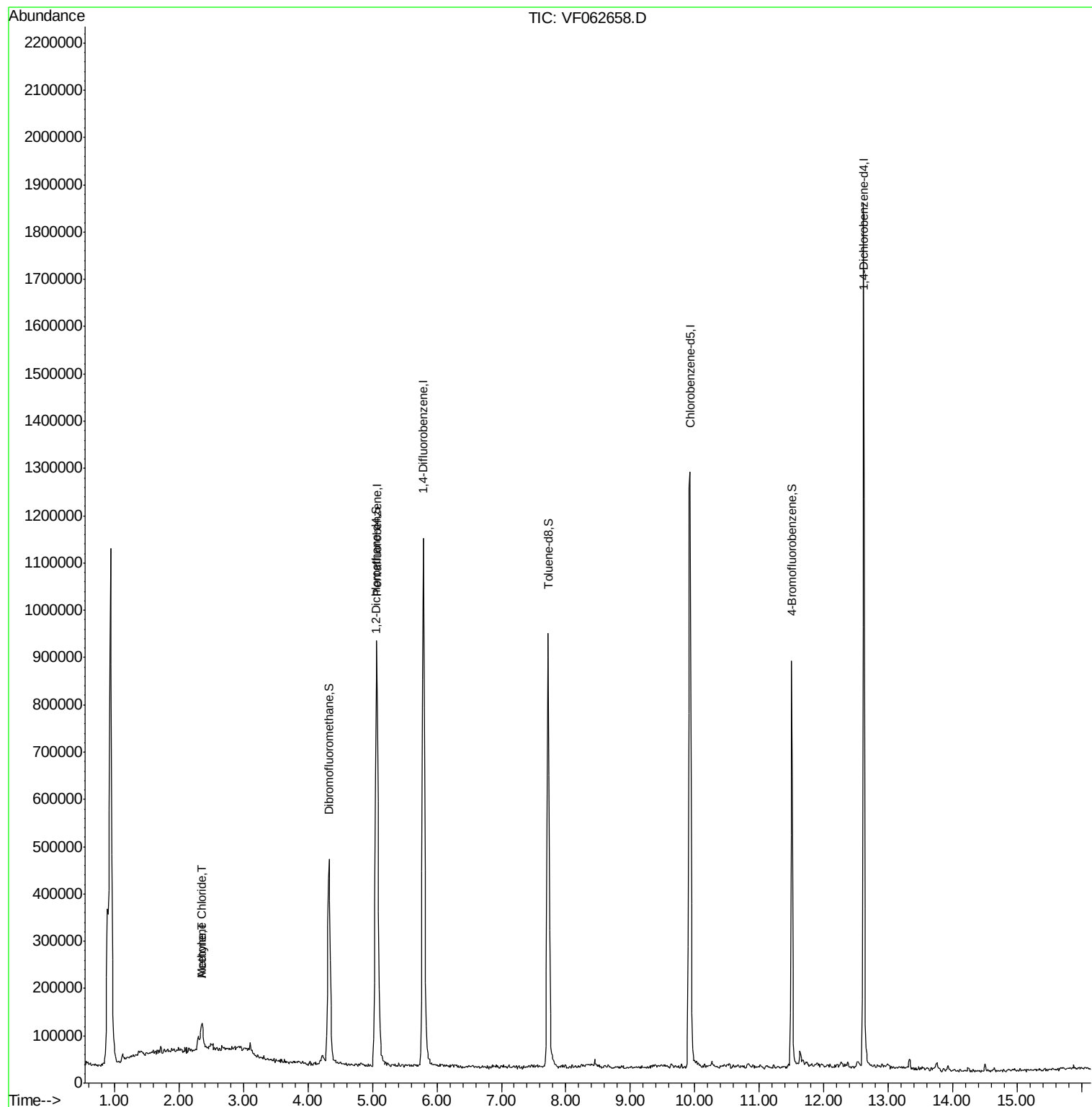
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	840804	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.79	114	1482736	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	1027016	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	482095	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	226174	38.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.14%	
35) Dibromofluoromethane	4.33	113	419218	36.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.90%	
50) Toluene-d8	7.73	98	848179	31.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.62%	
62) 4-Bromofluorobenzene	11.50	95	309479	30.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	60.24%	
Target Compounds						
16) Acetone	2.37	43	48315	31.344	ug/l	94
20) Methylene Chloride	2.36	84	40497m	5.241	ug/l	

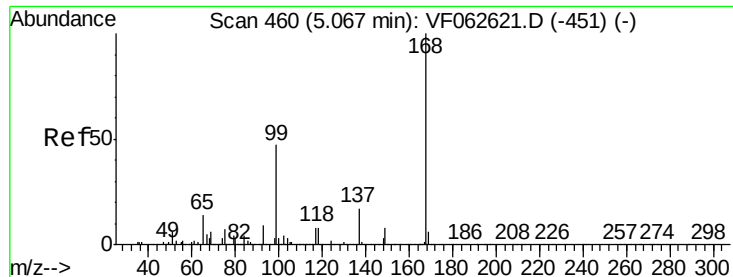
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.07 min Scan# 460

Delta R.T. -0.00 min

Lab File: VF062658.D

Acq: 20 May 2019 14:05

Instrument :

MSVOA_F

ClientSampleId :

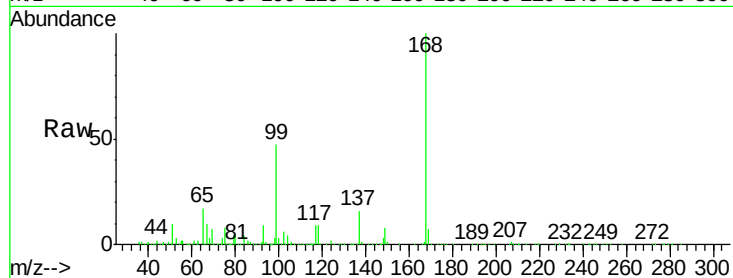
OR-02-051619-BRE

Tot Ion:168 Resp: 840804

Ion Ratio Lower Upper

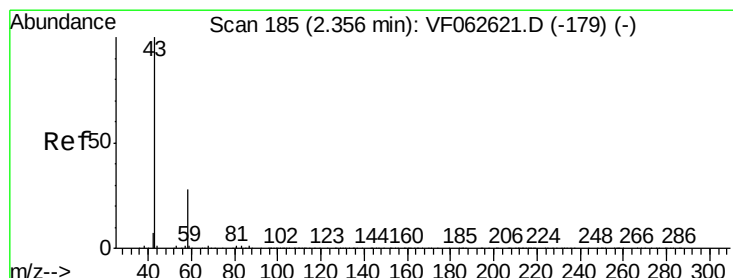
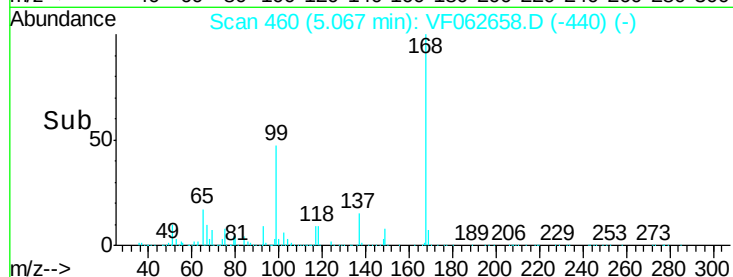
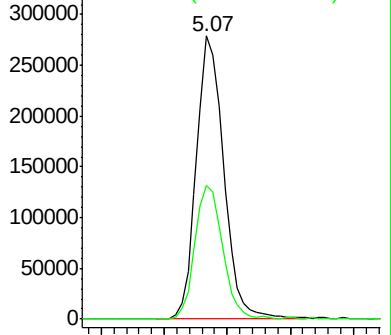
168 100

99 47.4 37.8 56.8



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#16

Acetone

Concen: 31.344 ug/l

RT: 2.37 min Scan# 186

Delta R.T. 0.01 min

Lab File: VF062658.D

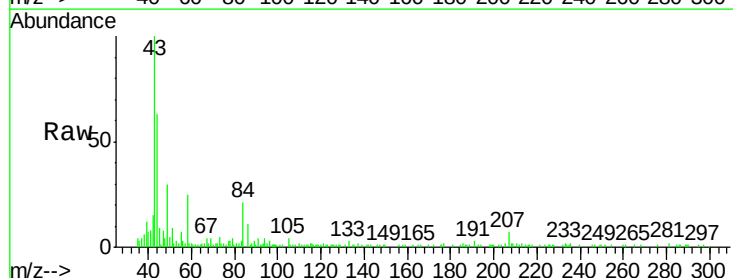
Acq: 20 May 2019 14:05

Tgt Ion: 43 Resp: 48315

Ion Ratio Lower Upper

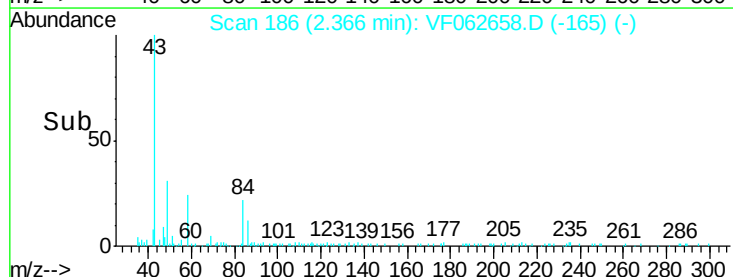
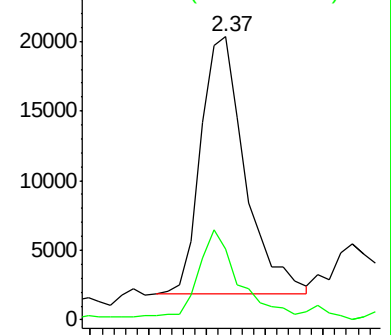
43 100

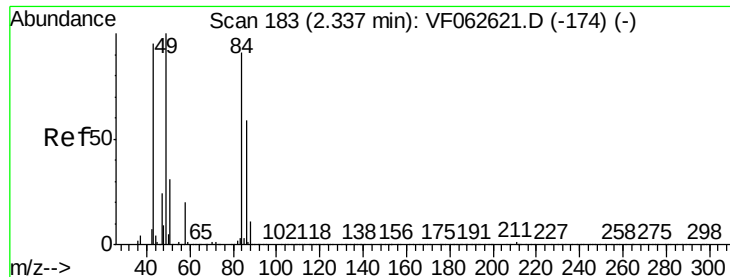
58 25.1 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

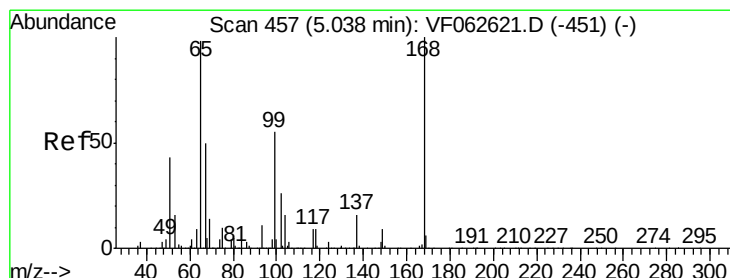
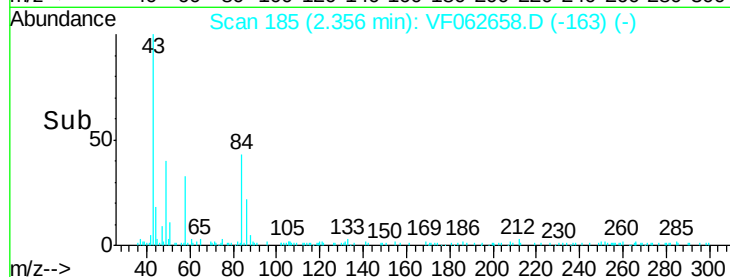
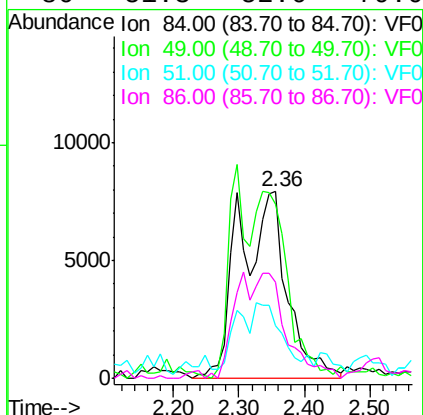
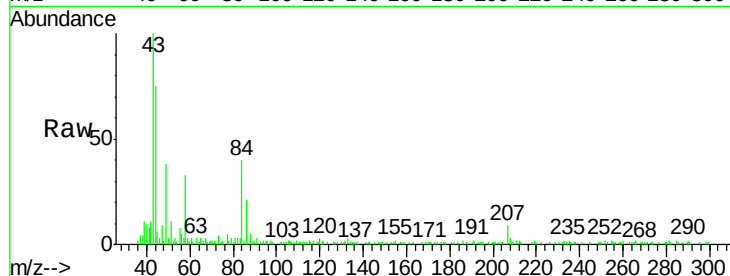




#20
Methylene Chloride
Concen: 5.241 ug/l m
RT: 2.36 min Scan# 185
Delta R.T. 0.02 min
Lab File: VF062658.D
Acq: 20 May 2019 14:05

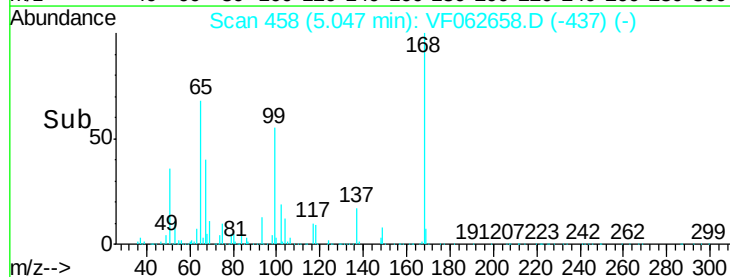
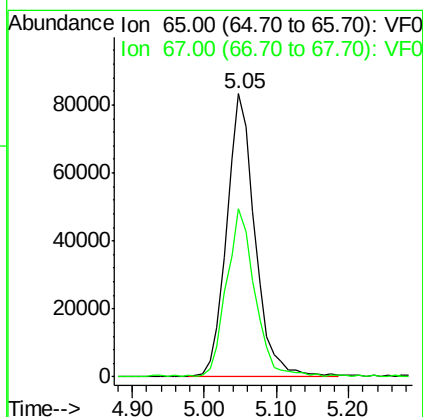
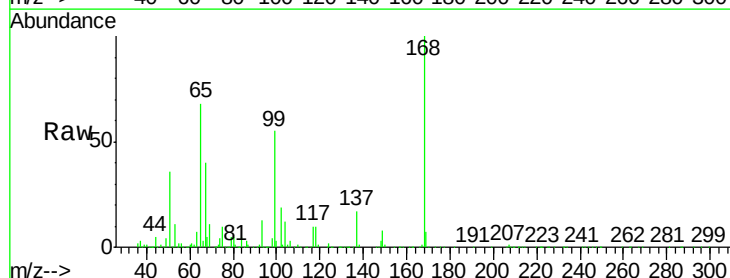
Instrument :
MSVOA_F
ClientSampleId :
OR-02-051619-BRE

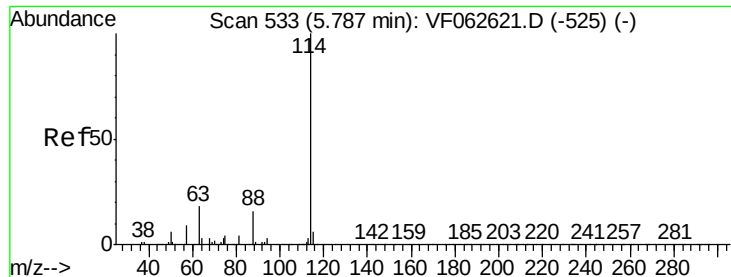
Tot Ion:	84	Resp:	40497
Ion	Ratio	Lower	Upper
84	100		
49	93.7	89.8	134.8
51	27.9	28.4	42.6#
86	51.3	52.6	79.0#



#33
1,2-Dichloroethane-d4
Concen: 38.067 ug/l
RT: 5.05 min Scan# 458
Delta R.T. 0.01 min
Lab File: VF062658.D
Acq: 20 May 2019 14:05

Tgt Ion:	65	Resp:	226174
Ion	Ratio	Lower	Upper
65	100		
67	59.4	0.0	117.6

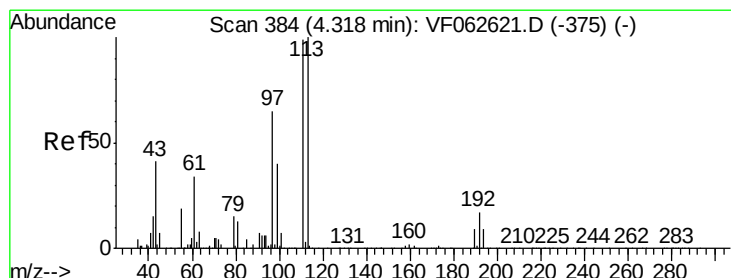
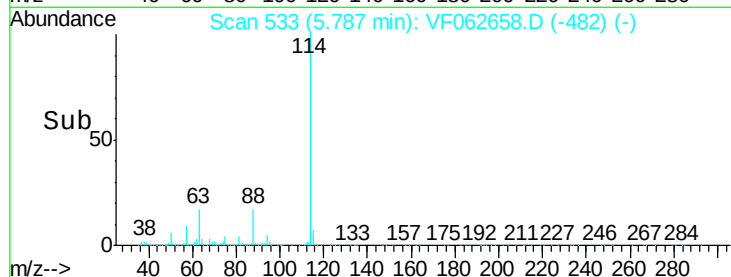
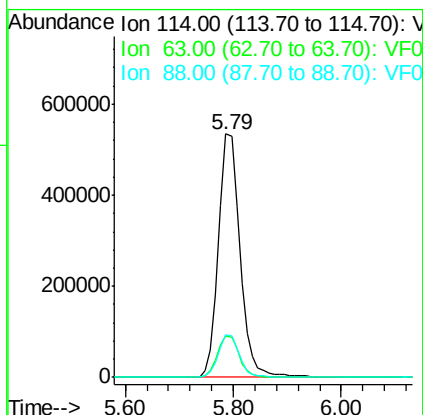
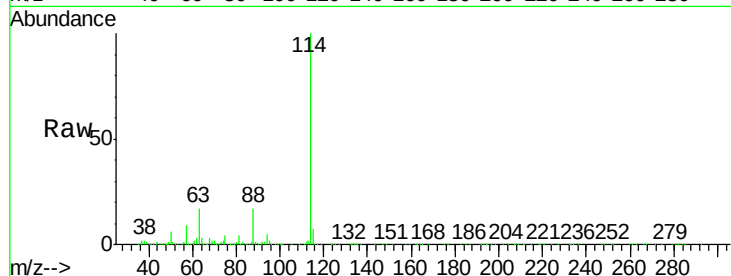




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.79 min Scan# 533
Delta R.T. -0.00 min
Lab File: VF062658.D
Acq: 20 May 2019 14:05

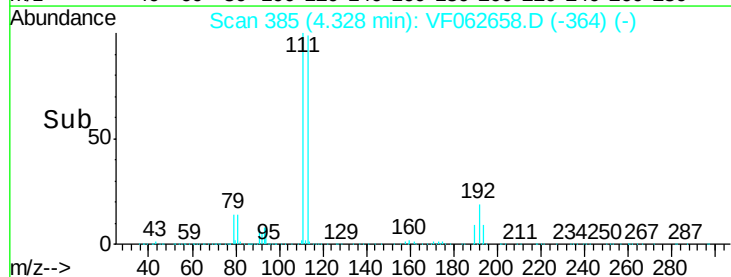
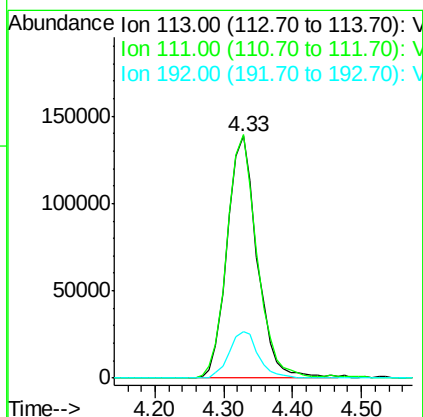
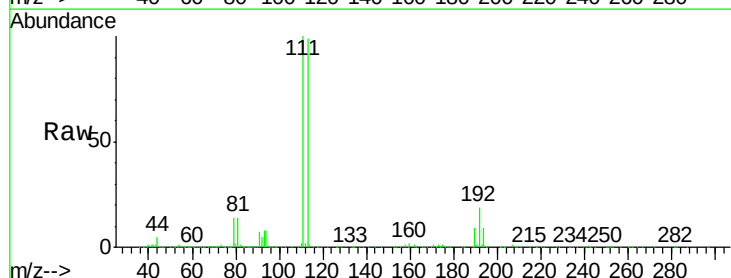
Instrument :
MSVOA_F
ClientSampleId :
OR-02-051619-BRE

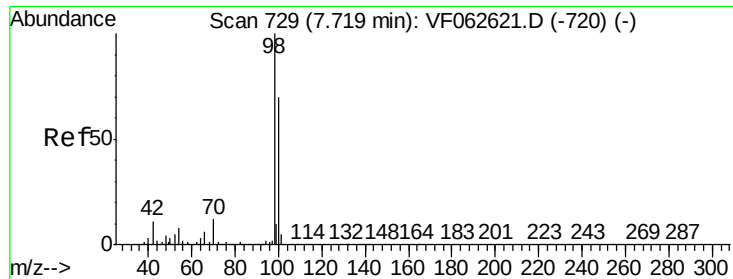
Tot Ion:114 Resp: 1482736
Ion Ratio Lower Upper
114 100
63 17.0 0.0 35.4
88 17.4 0.0 32.4



#35
Dibromofluoromethane
Concen: 36.949 ug/l
RT: 4.33 min Scan# 385
Delta R.T. 0.01 min
Lab File: VF062658.D
Acq: 20 May 2019 14:05

Tgt Ion:113 Resp: 419218
Ion Ratio Lower Upper
113 100
111 100.6 79.4 119.2
192 19.0 13.4 20.2

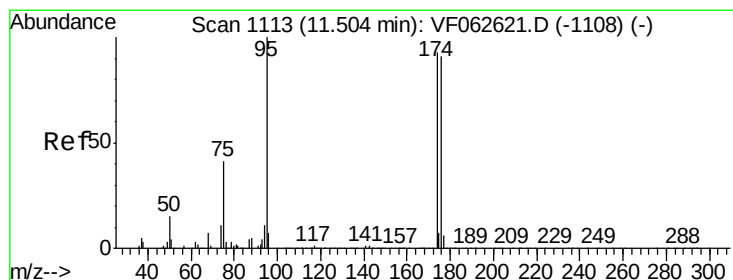
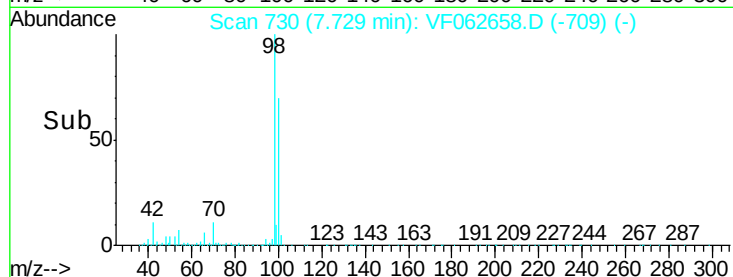
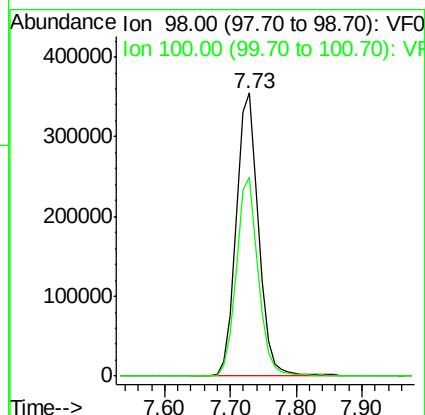
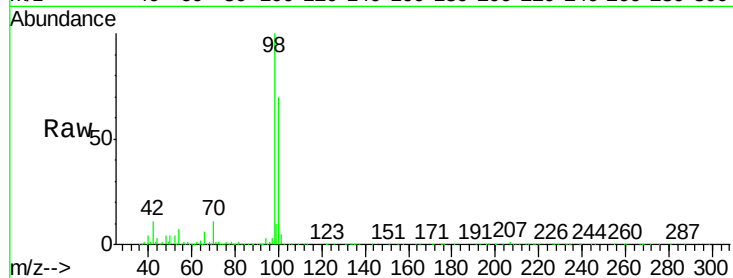




#50
Toluene-d8
Concen: 31.310 ug/l
RT: 7.73 min Scan# 730
Delta R.T. 0.01 min
Lab File: VF062658.D
Acq: 20 May 2019 14:05

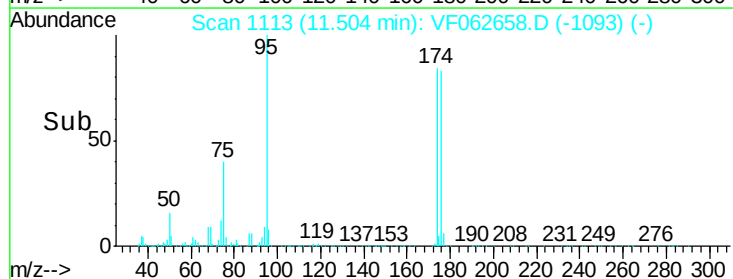
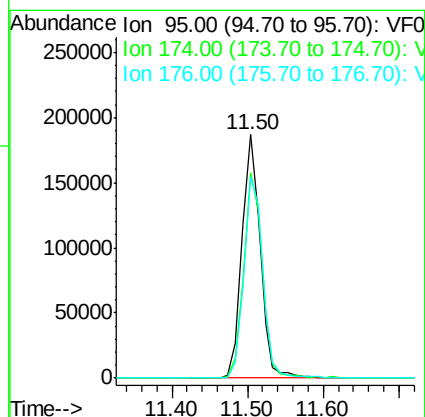
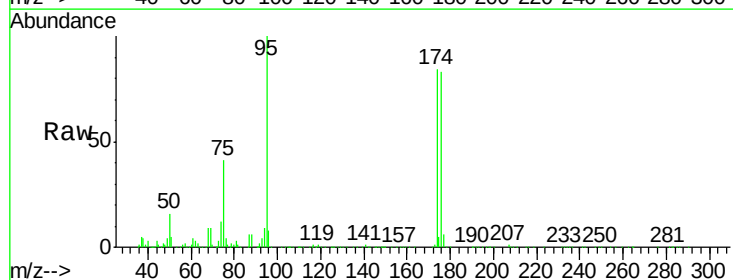
Instrument :
MSVOA_F
ClientSampleId :
OR-02-051619-BRE

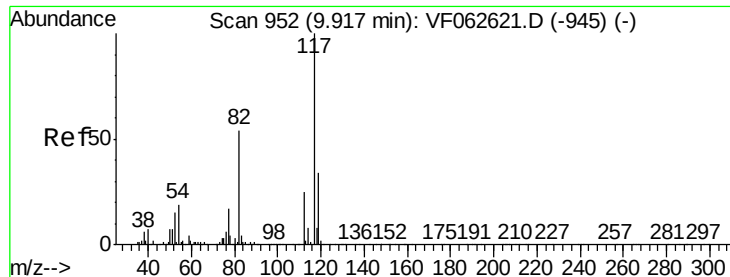
Tot Ion: 98 Resp: 848179
Ion Ratio Lower Upper
98 100
100 70.2 56.2 84.2



#62
4-Bromofluorobenzene
Concen: 30.122 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VF062658.D
Acq: 20 May 2019 14:05

Tgt Ion: 95 Resp: 309479
Ion Ratio Lower Upper
95 100
174 84.4 0.0 185.6
176 82.8 0.0 182.4

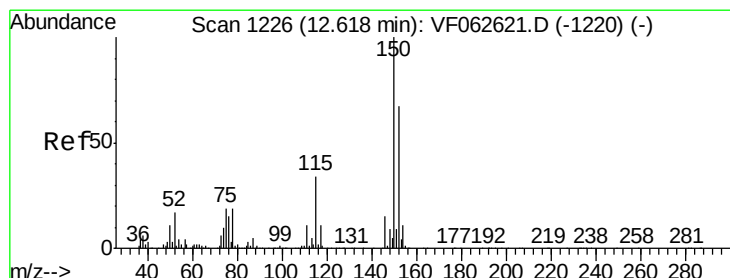
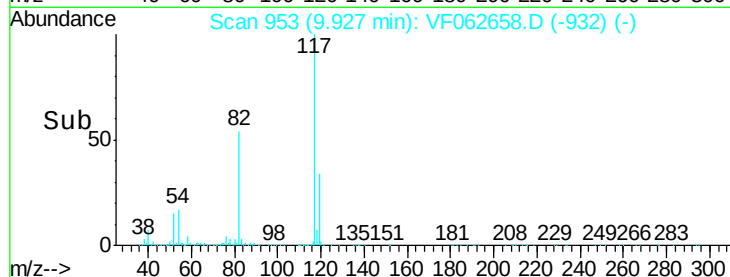
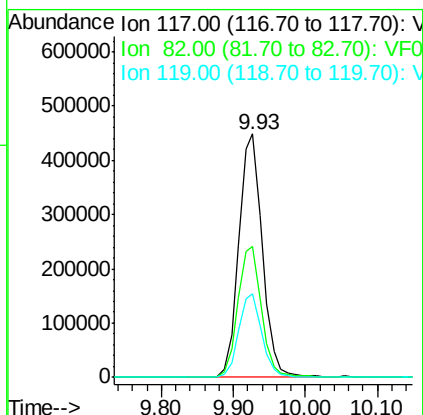
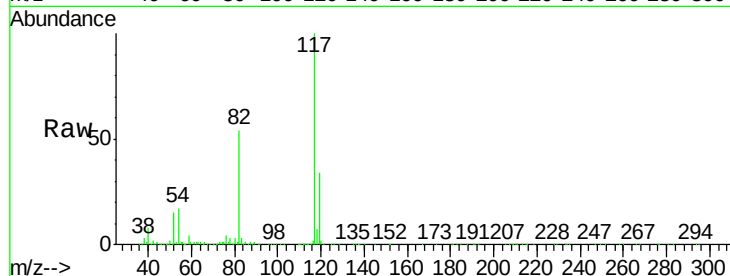




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. 0.01 min
Lab File: VF062658.D
Acq: 20 May 2019 14:05

Instrument :
MSVOA_F
ClientSampleId :
OR-02-051619-BRE

Tot Ion:117 Resp: 1027016
Ion Ratio Lower Upper
117 100
82 53.6 43.3 64.9
119 34.3 27.4 41.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. -0.00 min
Lab File: VF062658.D
Acq: 20 May 2019 14:05

Tgt Ion:152 Resp: 482095
Ion Ratio Lower Upper
152 100
115 52.9 25.2 75.6
150 150.8 0.0 306.2

