

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF052219\
 Data File : VF062704.D
 Acq On : 22 May 2019 14:29
 Operator : FY/SY
 Sample : K2642-05
 Misc : 6.81g/5mL/MSVOA F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OK-01-052119

Quant Time: May 23 02:01:03 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

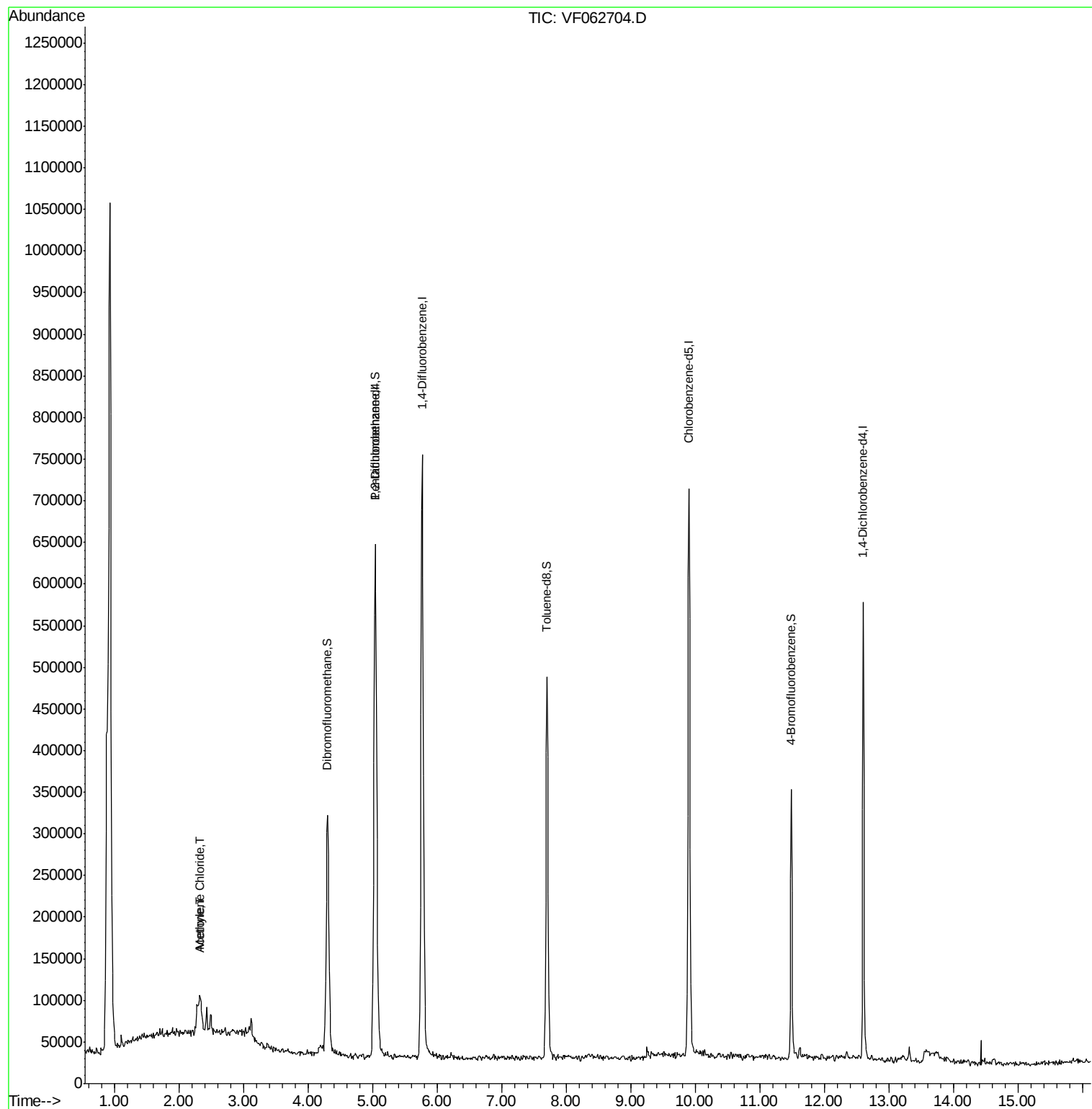
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	565635	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.77	114	922254	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.90	117	542336	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.60	152	138766	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	160081	40.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.10%	
35) Dibromofluoromethane	4.30	113	297495	42.16	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	84.32%	
50) Toluene-d8	7.71	98	408704	24.26	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	48.52%	
62) 4-Bromofluorobenzene	11.49	95	113445	17.75	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	35.50%	
Target Compounds						
16) Acetone	2.34	43	22684	21.875	ug/l #	79
20) Methylene Chloride	2.32	84	53612	10.315	ug/l	89

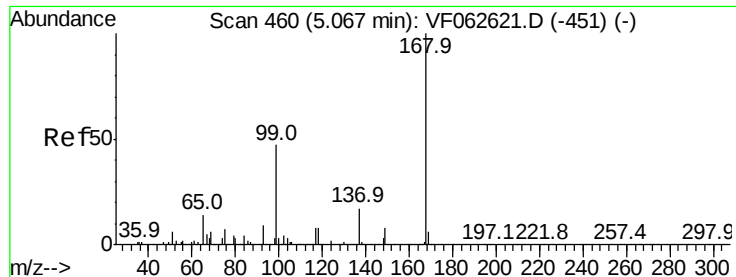
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 17 05:49:09 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.05 min Scan# 458

Delta R.T. -0.01 min

Lab File: VF062704.D

Acq: 22 May 2019 14:29

Instrument :

MSVOA_F

ClientSampleId :

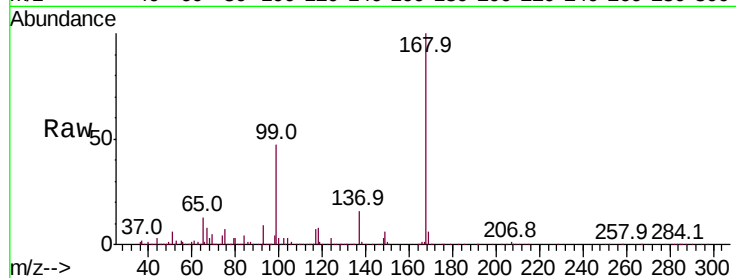
OK-01-052119

Tot Ion:168 Resp: 565635

Ion Ratio Lower Upper

168 100

99 46.6 37.8 56.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.05

200000

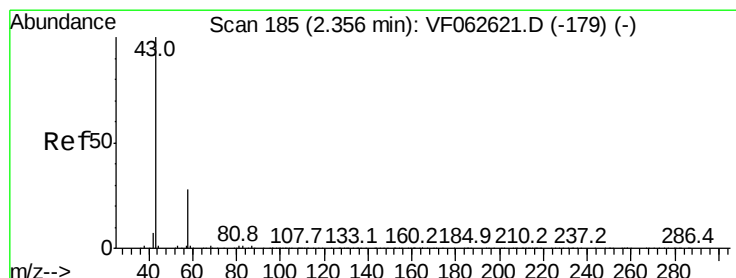
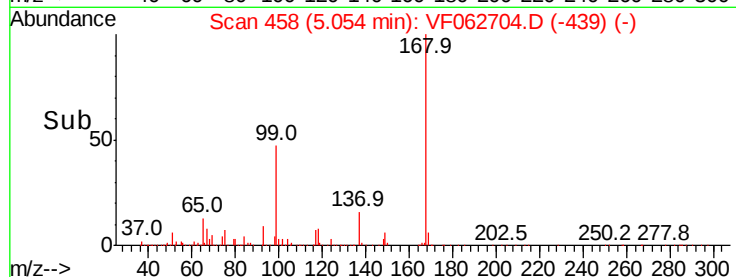
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 21.875 ug/l

RT: 2.34 min Scan# 183

Delta R.T. -0.01 min

Lab File: VF062704.D

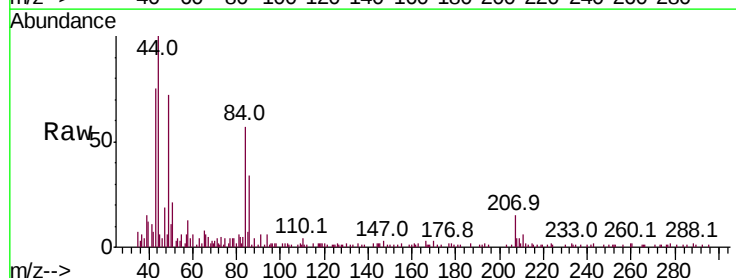
Acq: 22 May 2019 14:29

Tgt Ion: 43 Resp: 22684

Ion Ratio Lower Upper

43 100

58 17.3 22.6 33.8#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.34

10000

8000

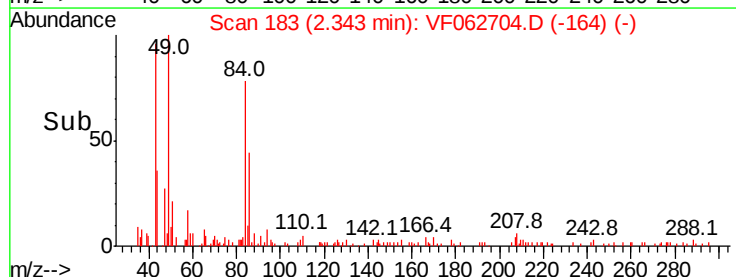
6000

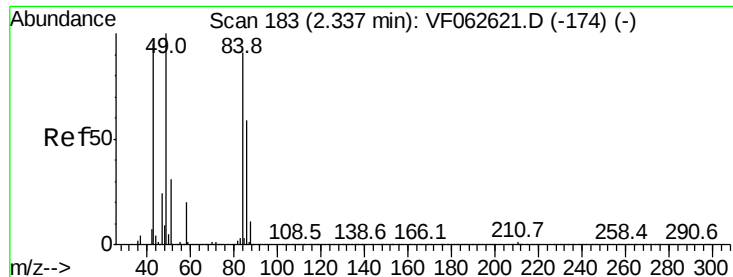
4000

2000

0

Time-->

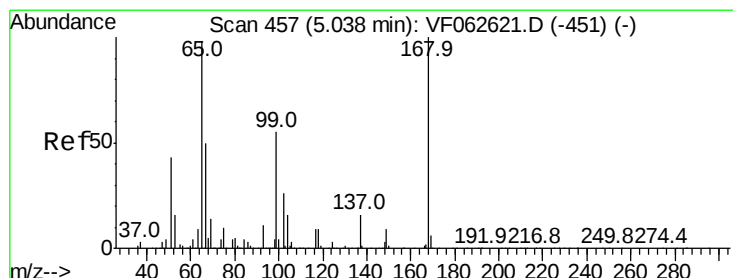
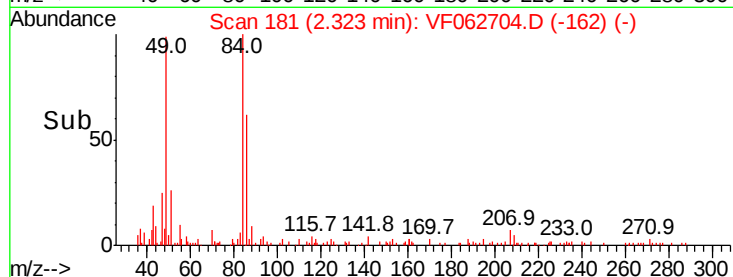
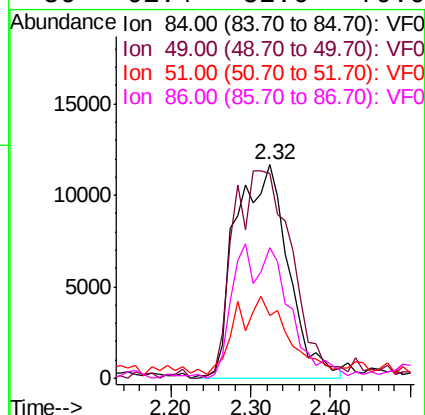
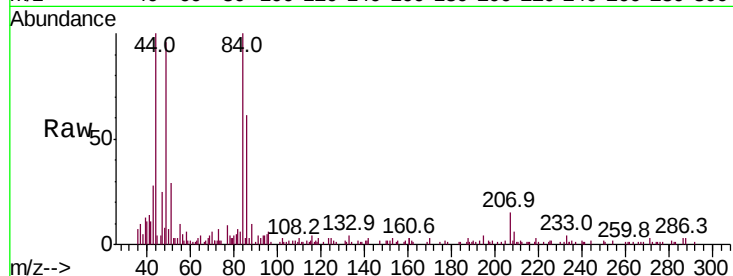




#20
Methvlene Chloride
Concen: 10.315 ug/l
RT: 2.32 min Scan# 181
Delta R.T. -0.01 min
Lab File: VF062704.D
Acq: 22 May 2019 14:29

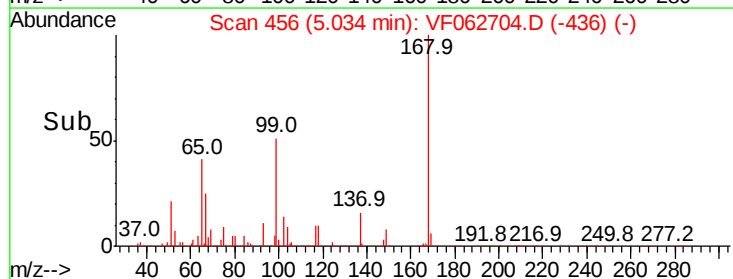
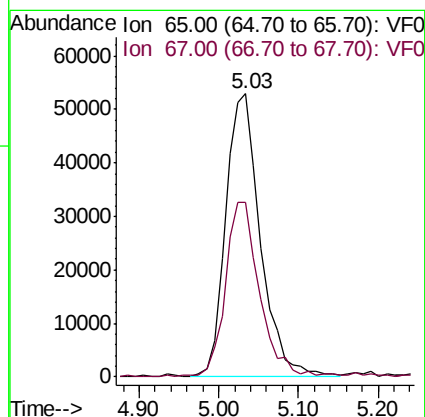
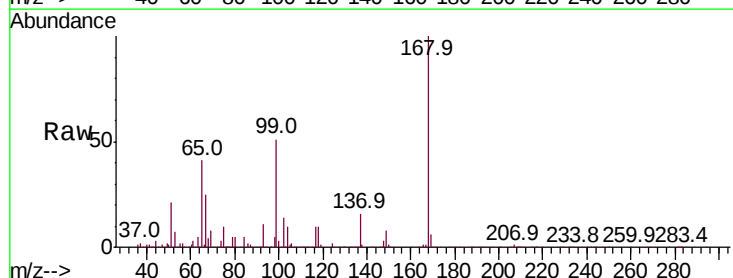
Instrument :
MSVOA_F
ClientSampleId :
OK-01-052119

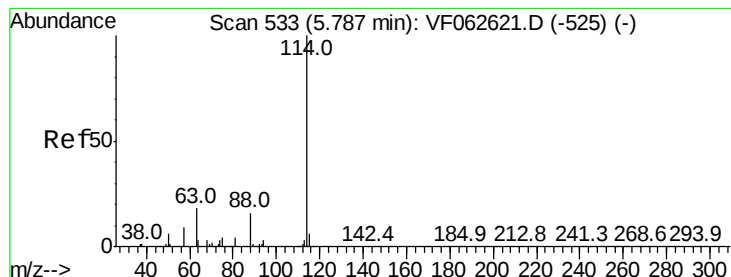
Tot Ion:	84	Resp:	53612
Ion	Ratio	Lower	Upper
84	100		
49	96.1	89.8	134.8
51	29.4	28.4	42.6
86	61.4	52.6	79.0



#33
1,2-Dichloroethane-d4
Concen: 40.050 ug/l
RT: 5.03 min Scan# 456
Delta R.T. -0.00 min
Lab File: VF062704.D
Acq: 22 May 2019 14:29

Tgt Ion:	65	Resp:	160081
Ion	Ratio	Lower	Upper
65	100		
67	61.7	0.0	117.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.77 min Scan# 531

Delta R.T. -0.01 min

Lab File: VF062704.D

Acq: 22 May 2019 14:29

Instrument :

MSVOA_F

ClientSampleId :

OK-01-052119

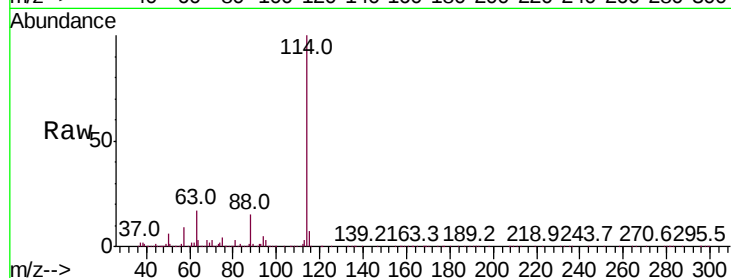
Tot Ion:114 Resp: 922254

Ion Ratio Lower Upper

114 100

63 16.9 0.0 35.4

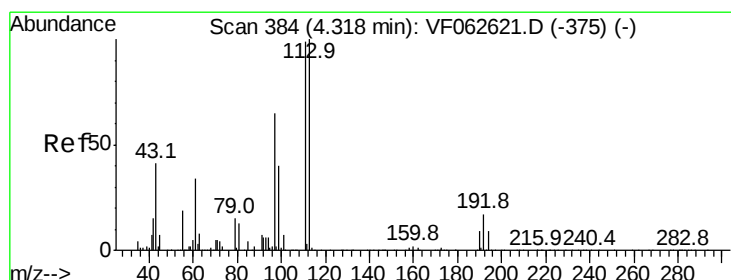
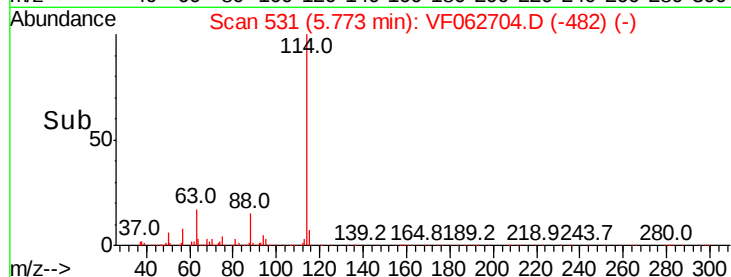
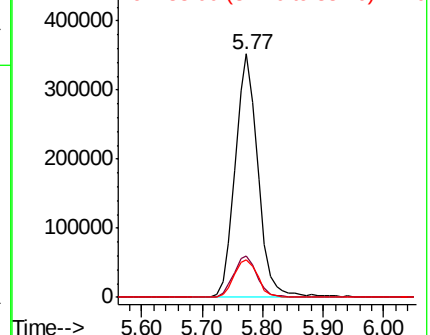
88 15.3 0.0 32.4



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: 42.155 ug/l

RT: 4.30 min Scan# 382

Delta R.T. -0.01 min

Lab File: VF062704.D

Acq: 22 May 2019 14:29

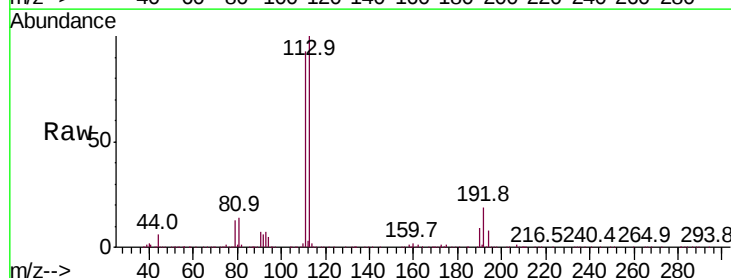
Tgt Ion:113 Resp: 297495

Ion Ratio Lower Upper

113 100

111 93.4 79.4 119.2

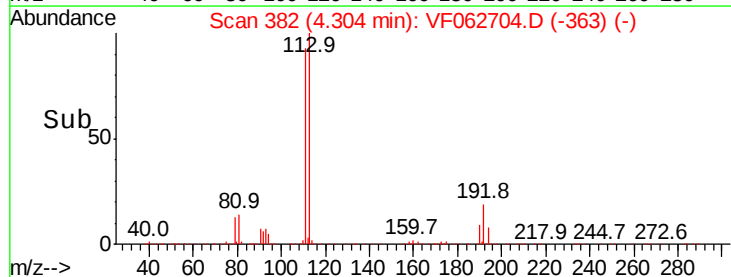
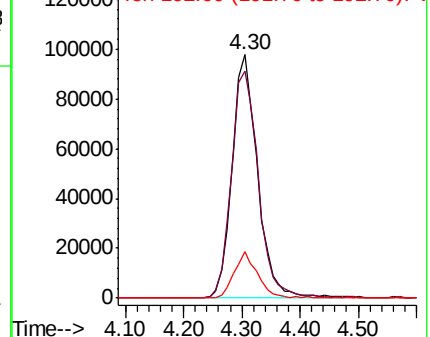
192 18.9 13.4 20.2

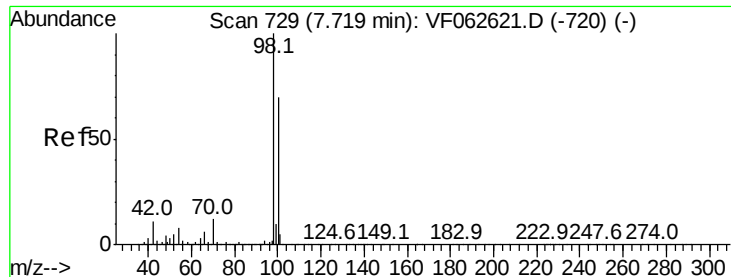


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

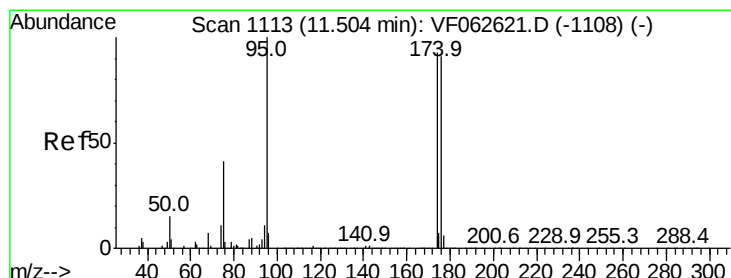
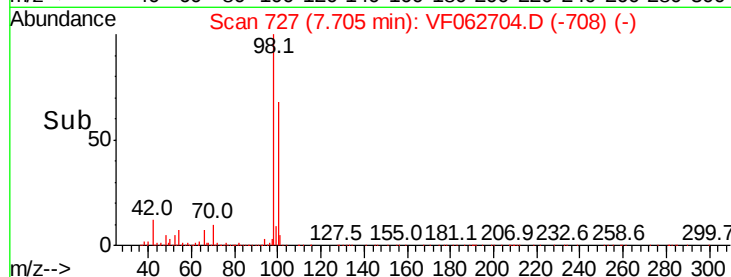
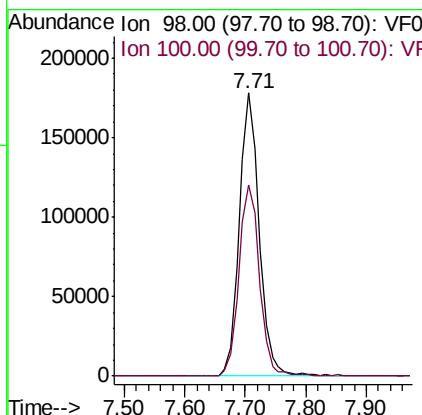
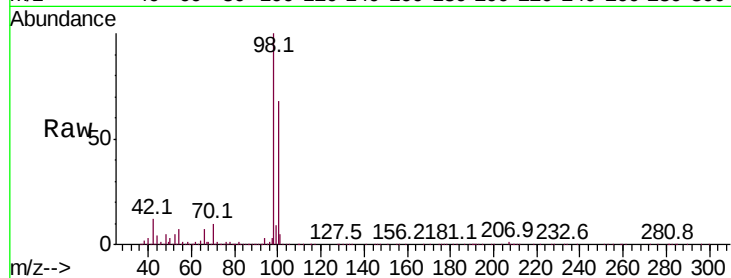




#50
Toluene-d8
Concen: 24.256 ug/l
RT: 7.71 min Scan# 727
Delta R.T. -0.01 min
Lab File: VF062704.D
Acq: 22 May 2019 14:29

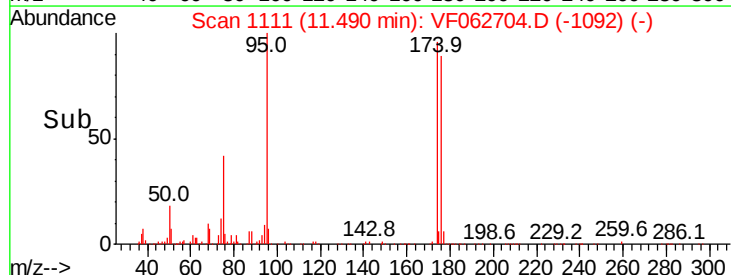
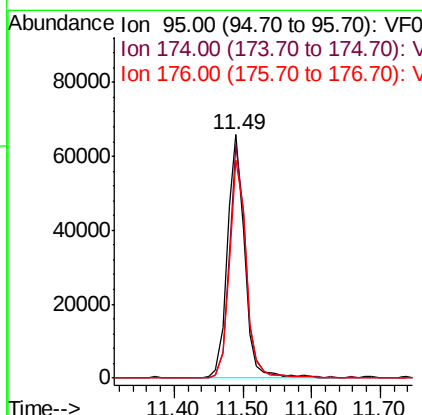
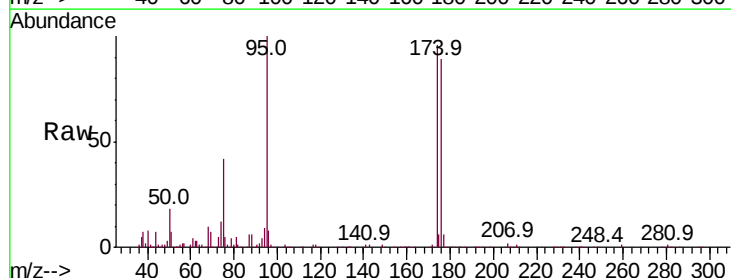
Instrument :
MSVOA_F
ClientSampleId :
OK-01-052119

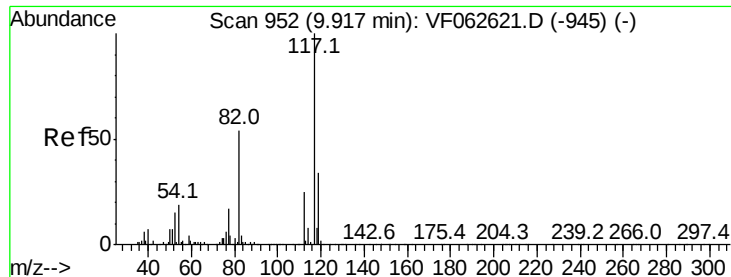
Tot Ion: 98 Resp: 408704
Ion Ratio Lower Upper
98 100
100 67.6 56.2 84.2



#62
4-Bromofluorobenzene
Concen: 17.752 ug/l
RT: 11.49 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VF062704.D
Acq: 22 May 2019 14:29

Tgt Ion: 95 Resp: 113445
Ion Ratio Lower Upper
95 100
174 96.0 0.0 185.6
176 89.3 0.0 182.4

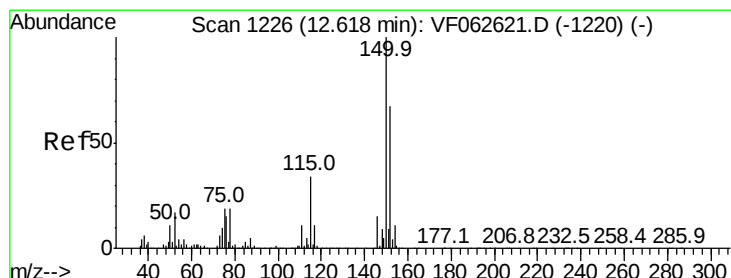
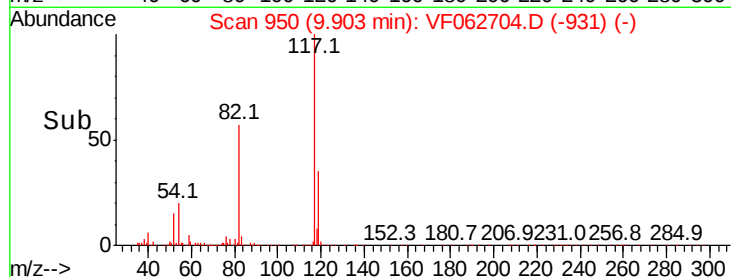
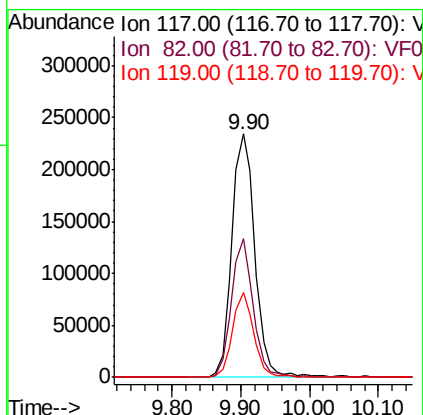
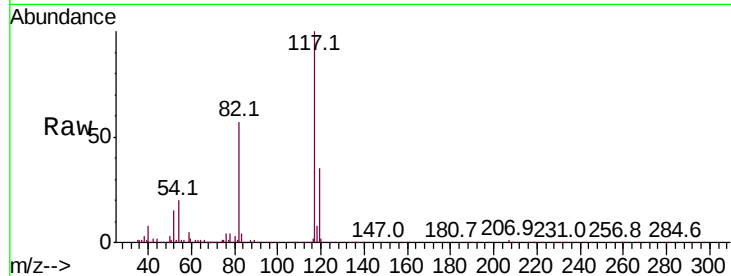




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 950
Delta R.T. -0.01 min
Lab File: VF062704.D
Acq: 22 May 2019 14:29

Instrument :
MSVOA_F
ClientSampleId :
OK-01-052119

Tot Ion:117	Resp:	542336
Ion Ratio	Lower	Upper
117 100		
82 57.1	43.3	64.9
119 34.7	27.4	41.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.60 min Scan# 1224
Delta R.T. -0.01 min
Lab File: VF062704.D
Acq: 22 May 2019 14:29

Tgt Ion:152	Resp:	138766
Ion Ratio	Lower	Upper
152 100		
115 54.0	25.2	75.6
150 148.3	0.0	306.2

