

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF052319\
 Data File : VF062734.D
 Acq On : 23 May 2019 18:38
 Operator : FY/SY
 Sample : K3019-07
 Misc : 4.12g/5mL/MSVOA F/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 RT-1465

Quant Time: May 24 03:25:08 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

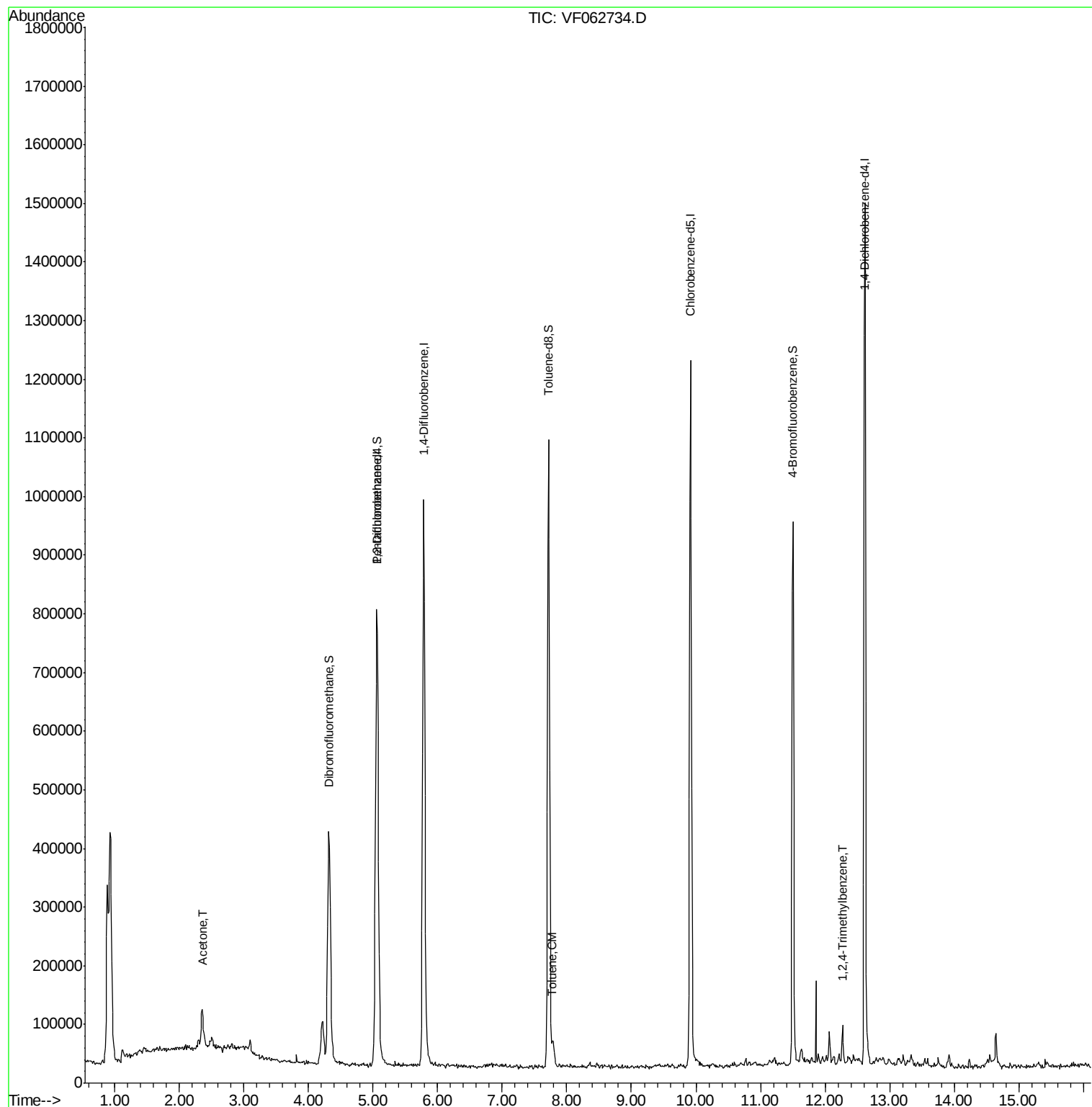
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	713547	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.79	114	1235678	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	943489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	399469	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	219358	43.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.00%	
35) Dibromofluoromethane	4.32	113	407952	43.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.28%	
50) Toluene-d8	7.72	98	972567	43.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.16%	
62) 4-Bromofluorobenzene	11.50	95	352900	41.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.44%	
Target Compounds						
16) Acetone	2.36	43	103540	79.151	ug/l	92
52) Toluene	7.79	92	19960	1.103	ug/l	84
84) 1,2,4-Trimethylbenzene	12.27	105	24835	1.118	ug/l	91

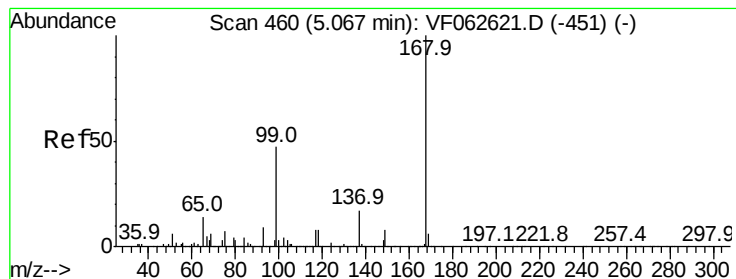
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VF062734.D

Acq: 23 May 2019 18:38

Instrument :

MSVOA_F

ClientSampleId :

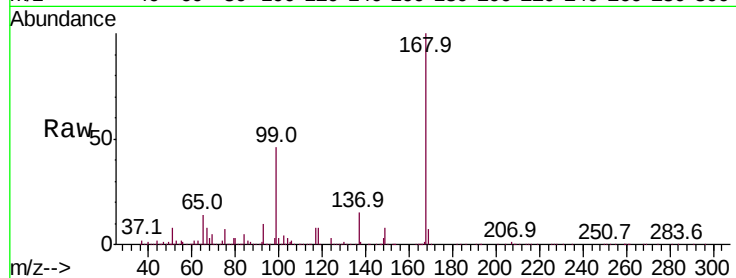
RT-1465

Tot Ion:168 Resp: 713547

Ion Ratio Lower Upper

168 100

99 45.9 37.8 56.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.07

250000

200000

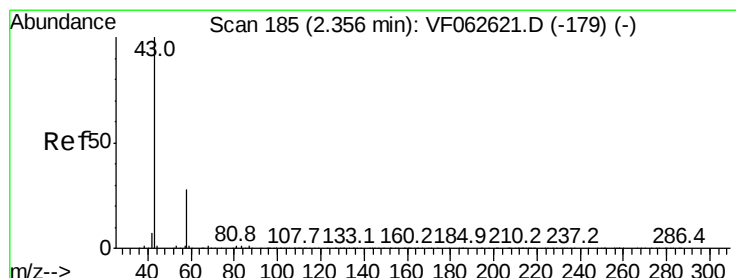
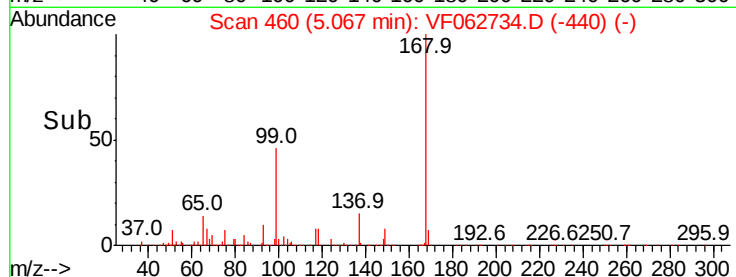
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 79.151 ug/l

RT: 2.36 min Scan# 185

Delta R.T. -0.00 min

Lab File: VF062734.D

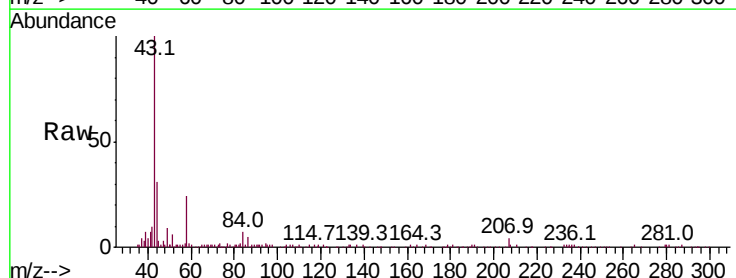
Acq: 23 May 2019 18:38

Tgt Ion: 43 Resp: 103540

Ion Ratio Lower Upper

43 100

58 23.7 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.36

40000

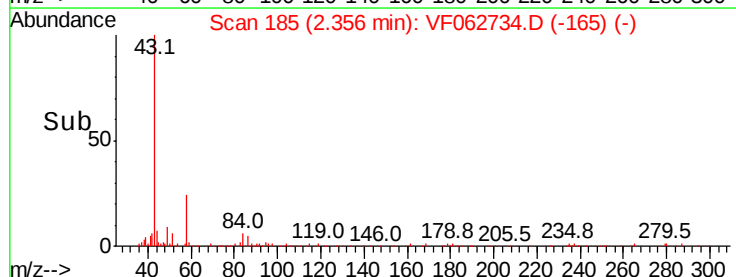
30000

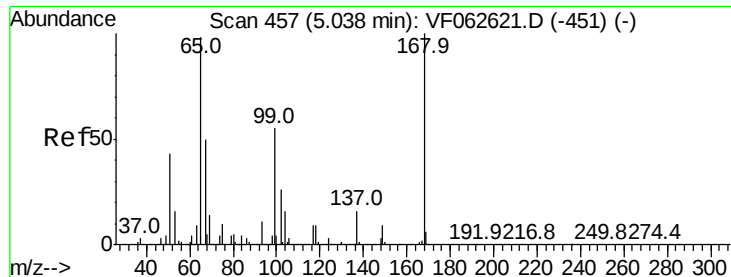
20000

10000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 43.504 ug/l

RT: 5.05 min Scan# 458

Delta R.T. 0.01 min

Lab File: VF062734.D

Acq: 23 May 2019 18:38

Instrument :

MSVOA_F

ClientSampleId :

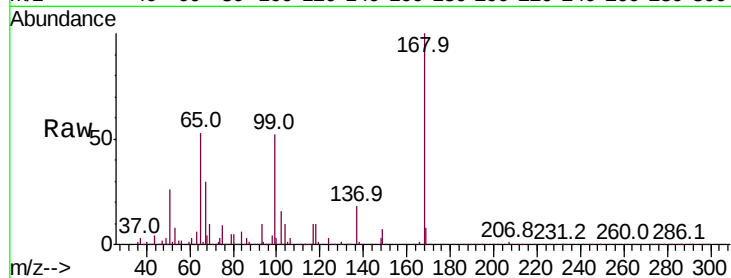
RT-1465

Tot Ion: 65 Resp: 219358

Ion Ratio Lower Upper

65 100

67 56.4 0.0 117.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

80000

60000

40000

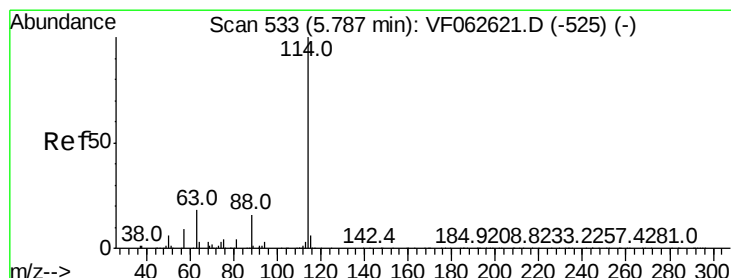
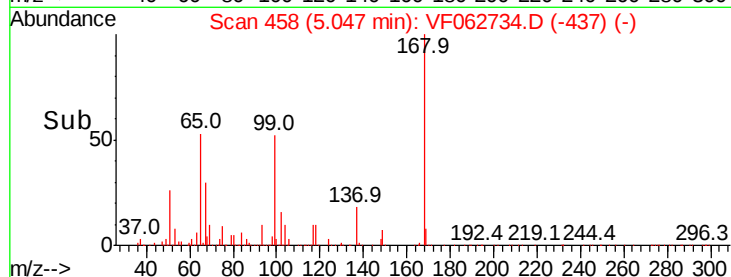
20000

0

5.05

4.90 5.00 5.10 5.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.79 min Scan# 533

Delta R.T. -0.00 min

Lab File: VF062734.D

Acq: 23 May 2019 18:38

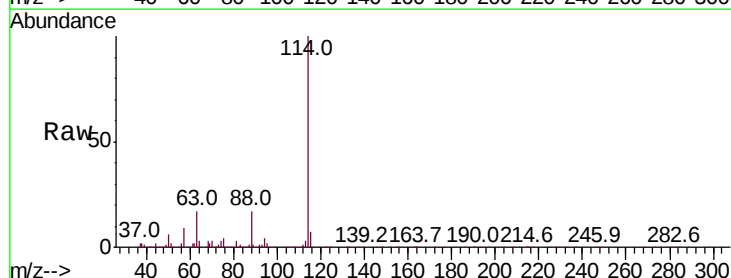
Tgt Ion: 114 Resp: 1235678

Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.4

88 17.4 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

600000

500000

400000

300000

200000

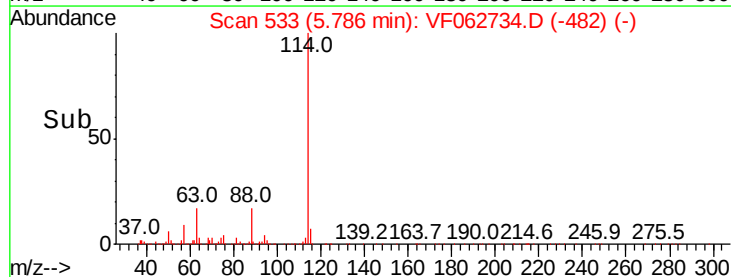
100000

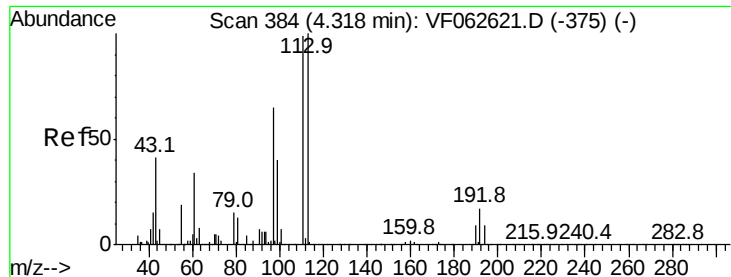
0

5.79

5.60 5.80 6.00

Time-->

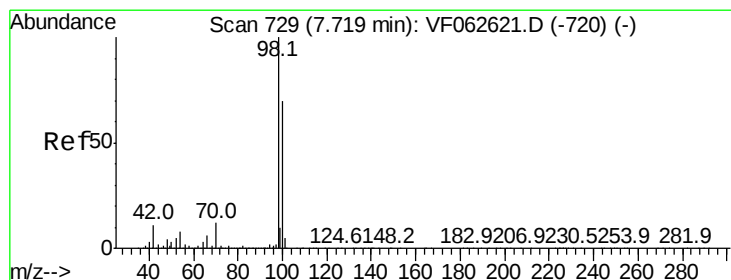
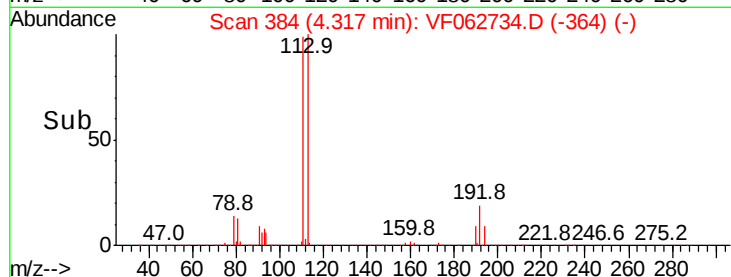
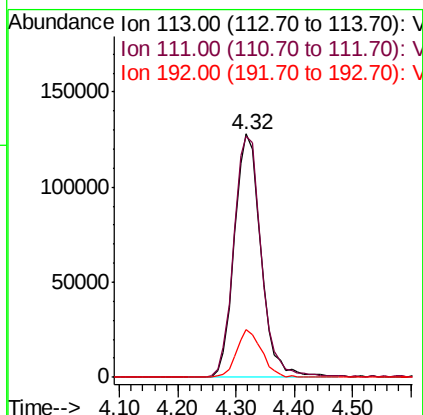
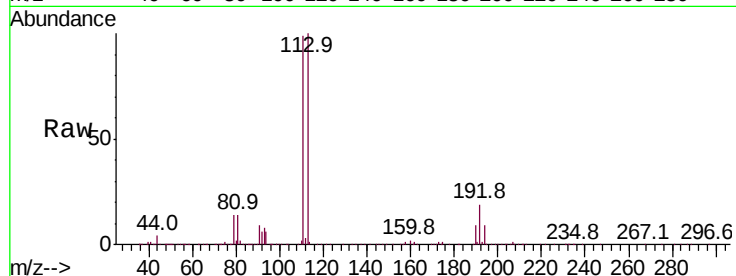




#35
 Dibromofluoromethane
 Concen: 43.145 ug/l
 RT: 4.32 min Scan# 384
 Delta R.T. -0.00 min
 Lab File: VF062734.D
 Acq: 23 May 2019 18:38

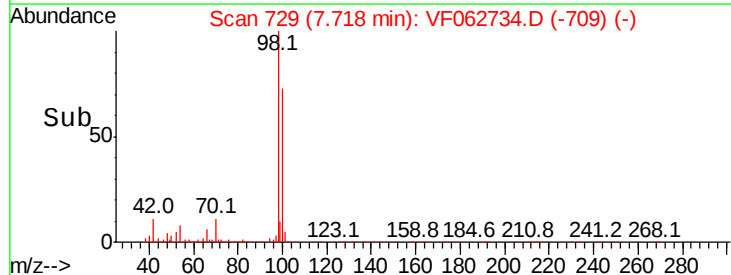
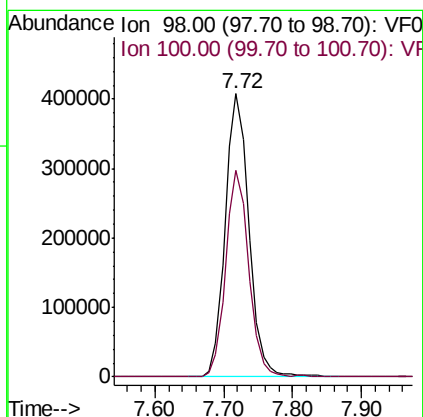
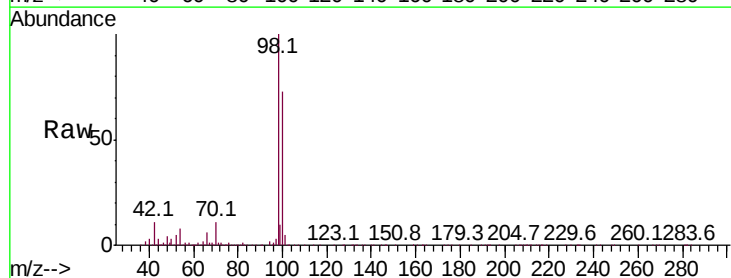
Instrument :
 MSVOA_F
 ClientSampleId :
 RT-1465

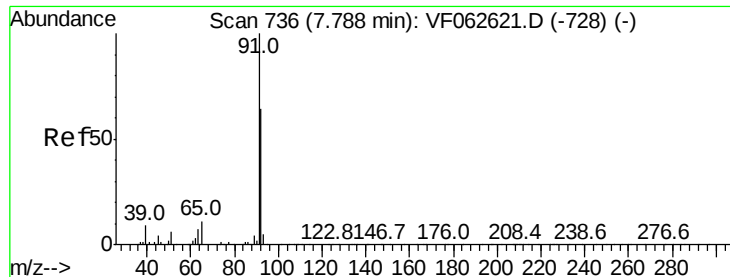
Tot Ion	Ratio	Lower	Upper
113	100		
111	98.8	79.4	119.2
192	19.7	13.4	20.2



#50
 Toluene-d8
 Concen: 43.080 ug/l
 RT: 7.72 min Scan# 729
 Delta R.T. -0.00 min
 Lab File: VF062734.D
 Acq: 23 May 2019 18:38

Tgt Ion	Ratio	Lower	Upper
98	100		
100	72.8	56.2	84.2





#52

Toluene

Concen: 1.103 ug/l

RT: 7.79 min Scan# 736

Delta R.T. -0.00 min

Lab File: VF062734.D

Acq: 23 May 2019 18:38

Instrument :

MSVOA_F

ClientSampleId :

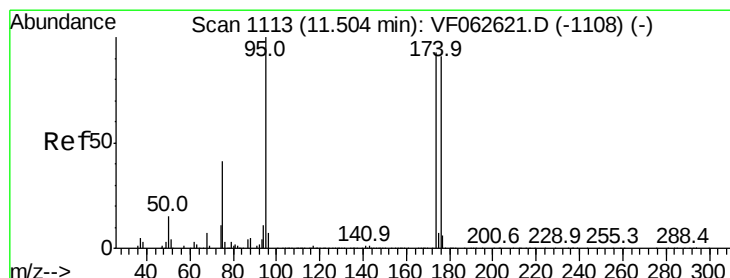
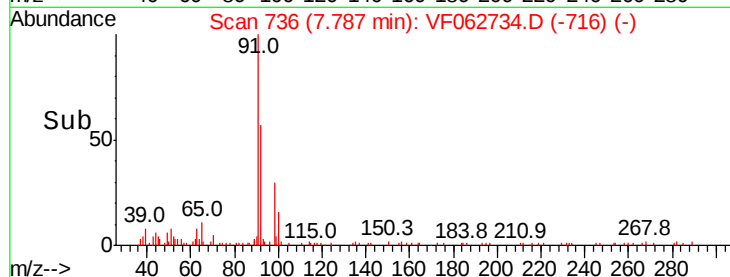
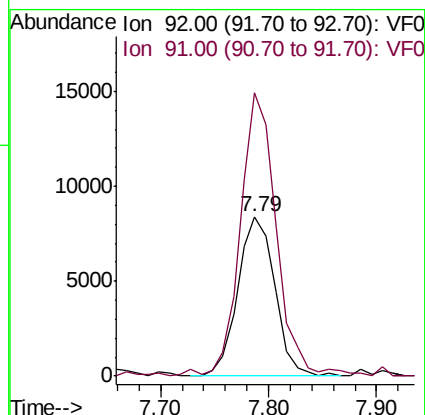
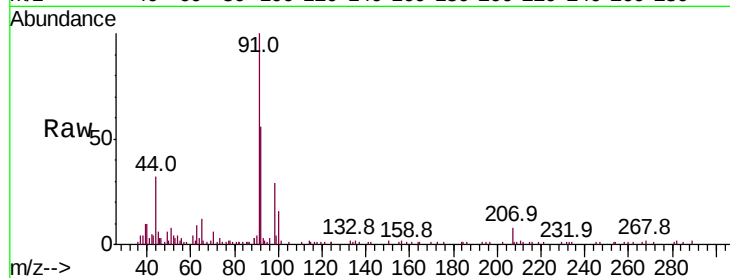
RT-1465

Tot Ion: 92 Resp: 19960

Ion Ratio Lower Upper

92 100

91 177.6 125.4 188.0



#62

4-Bromofluorobenzene

Concen: 41.215 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VF062734.D

Acq: 23 May 2019 18:38

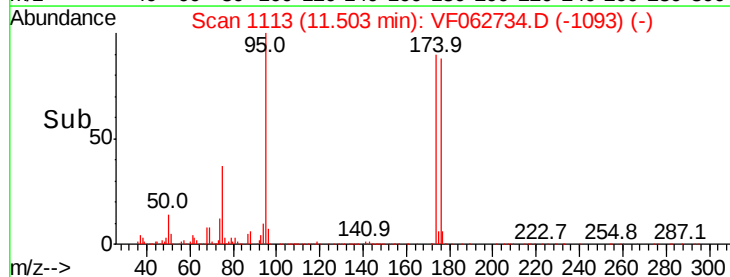
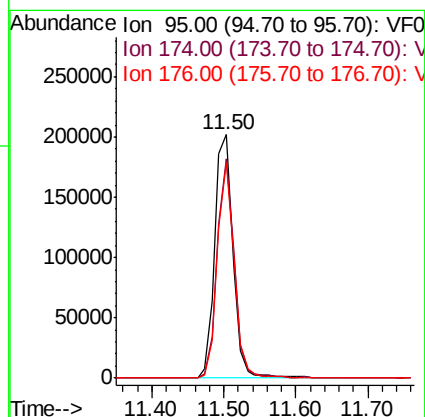
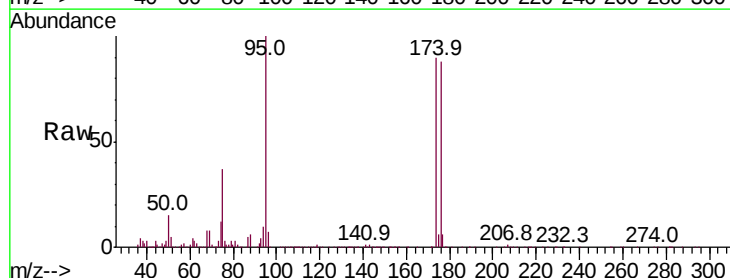
Tgt Ion: 95 Resp: 352900

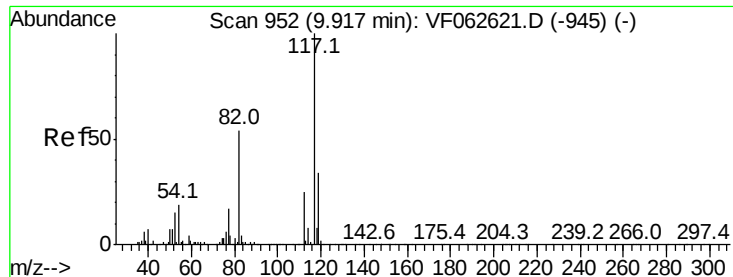
Ion Ratio Lower Upper

95 100

174 89.9 0.0 185.6

176 88.5 0.0 182.4

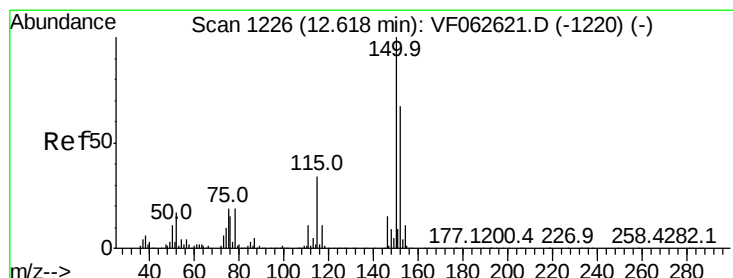
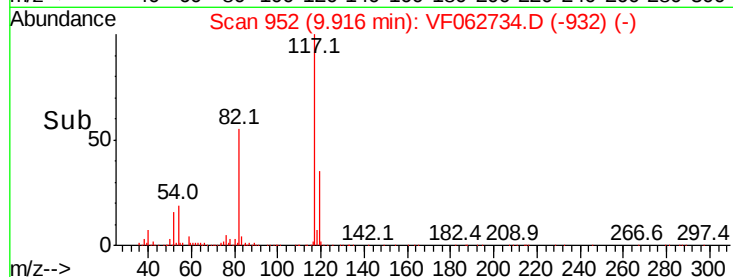
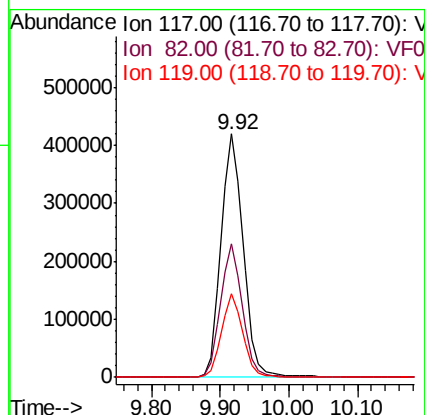
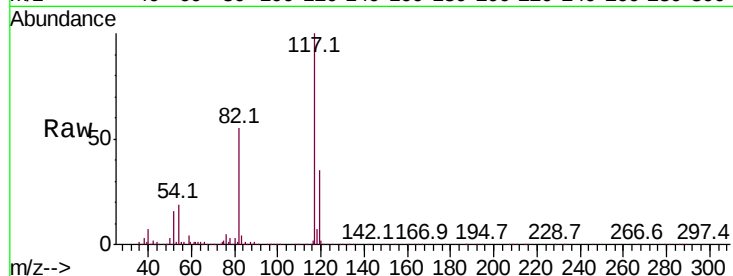




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 952
Delta R.T. -0.00 min
Lab File: VF062734.D
Acq: 23 May 2019 18:38

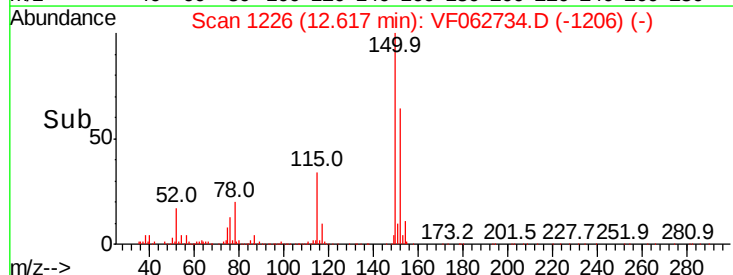
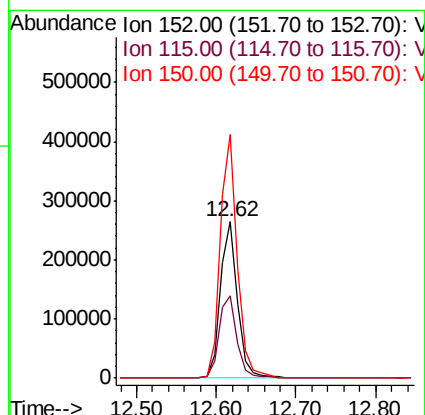
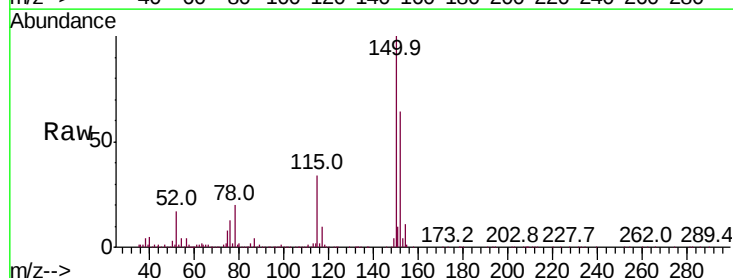
Instrument :
MSVOA_F
ClientSampleId :
RT-1465

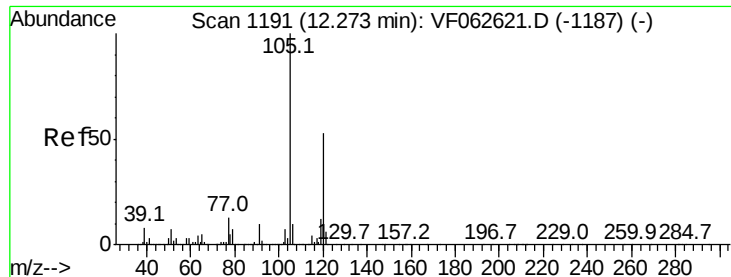
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.8	43.3	64.9
119	34.5	27.4	41.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. -0.00 min
Lab File: VF062734.D
Acq: 23 May 2019 18:38

Tgt Ion	Ratio	Lower	Upper
152	100		
115	52.5	25.2	75.6
150	155.7	0.0	306.2





#84

1,2,4-Trimethylbenzene

Concen: 1.118 ug/l

RT: 12.27 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VF062734.D

Acq: 23 May 2019 18:38

Instrument :

MSVOA_F

ClientSampleId :

RT-1465

Tot Ion:105 Resp: 24835

Ion Ratio Lower Upper

105 100

120 47.0 26.7 80.1

