

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF052319\
 Data File : VF062729.D
 Acq On : 23 May 2019 16:19
 Operator : FY/SY
 Sample : K2976-22
 Misc : 5.92g/5mL/MSVOA F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-SBR-4BR(17-20)

Quant Time: May 24 03:18:52 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

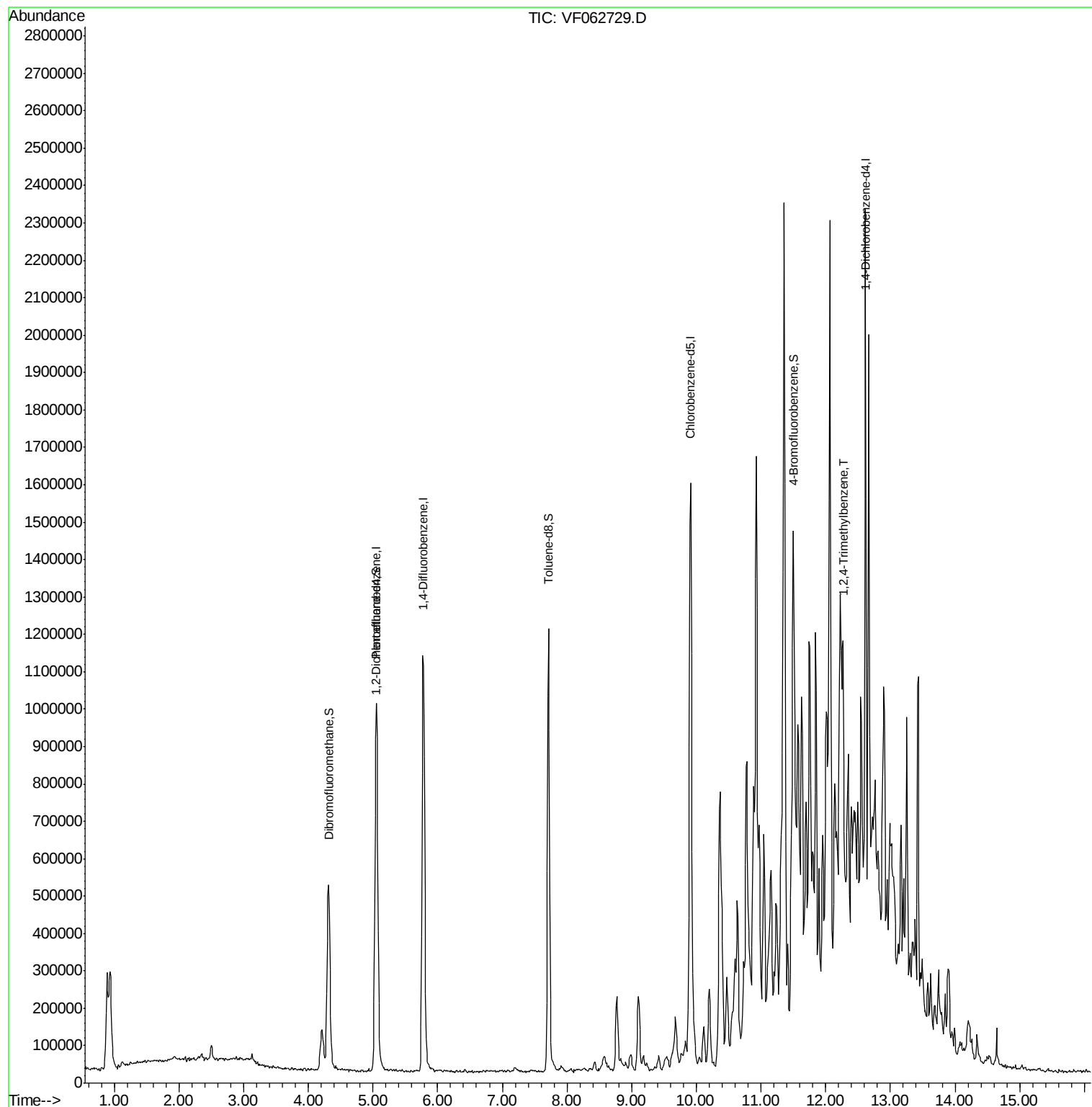
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	909244	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.78	114	1502550	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	989870	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.61	152	526196	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	274433	42.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.42%	
35) Dibromofluoromethane	4.31	113	504577	43.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.78%	
50) Toluene-d8	7.71	98	1044187	38.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.08%	
62) 4-Bromofluorobenzene	11.50	95	483065	46.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.80%	
Target Compounds						
84) 1,2,4-Trimethylbenzene	12.27	105	57475	1.964	ug/l	Qvalue 85

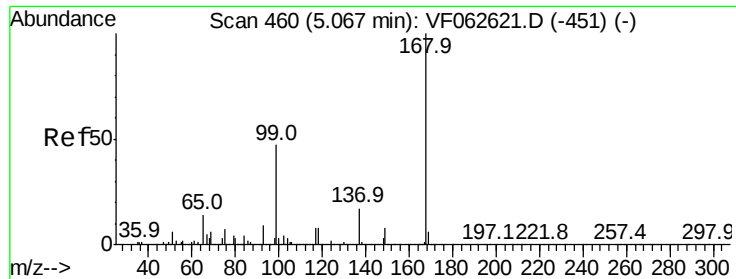
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 459

Delta R.T. -0.00 min

Lab File: VF062729.D

Acq: 23 May 2019 16:19

Instrument :

MSVOA_F

ClientSampleId :

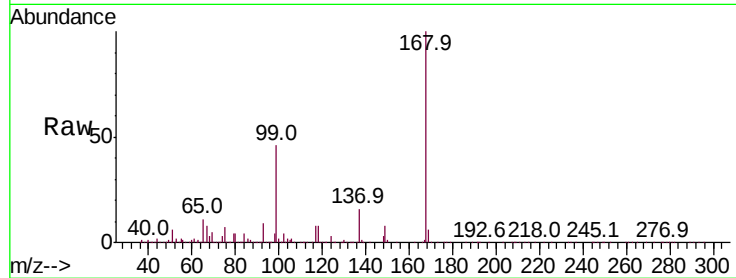
EP1-SBR-4BR(17-20)

Tot Ion:168 Resp: 909244

Ion Ratio Lower Upper

168 100

99 46.2 37.8 56.8



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

300000

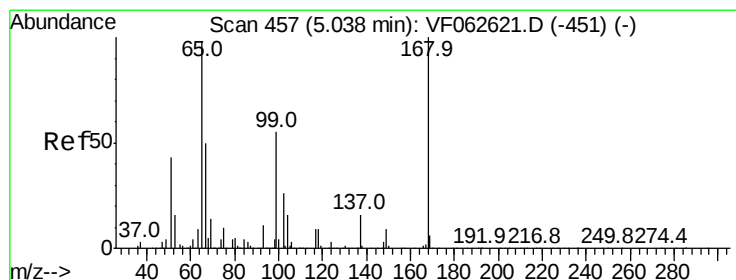
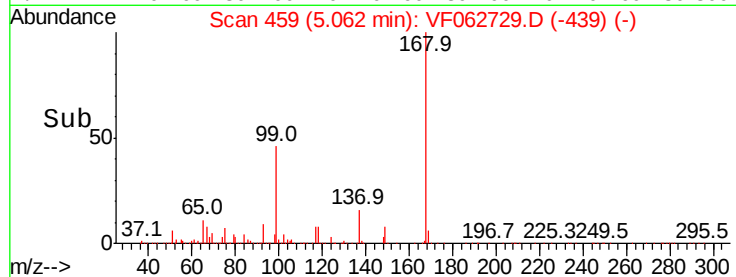
200000

100000

0

4.90 5.00 5.10 5.20 5.30

Time-->



#33

1,2-Dichloroethane-d4

Concen: 42.712 ug/l

RT: 5.03 min Scan# 456

Delta R.T. -0.00 min

Lab File: VF062729.D

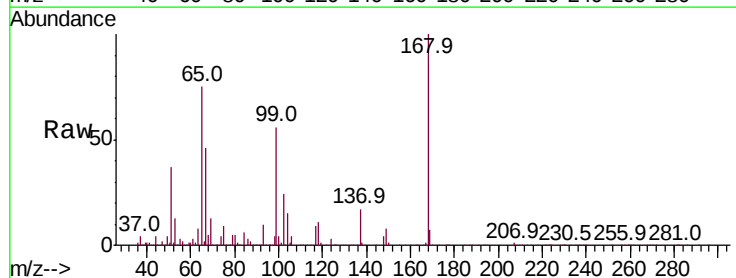
Acq: 23 May 2019 16:19

Tgt Ion: 65 Resp: 274433

Ion Ratio Lower Upper

65 100

67 61.3 0.0 117.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

100000

80000

60000

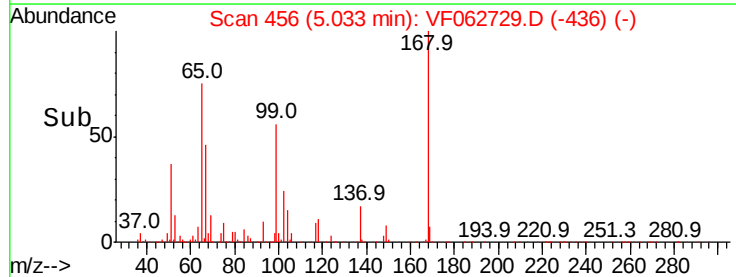
40000

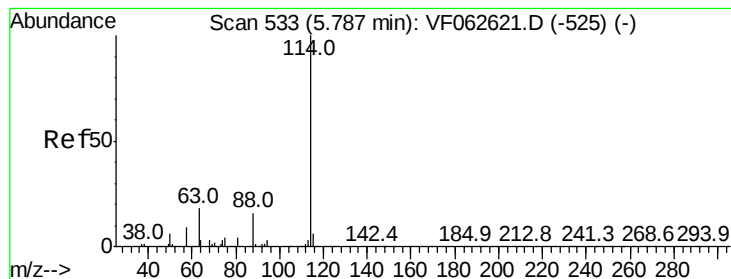
20000

0

4.90 5.00 5.10 5.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.78 min Scan# 532

Delta R.T. -0.00 min

Lab File: VF062729.D

Acq: 23 May 2019 16:19

Instrument :

MSVOA_F

ClientSampleId :

EP1-SBR-4BR(17-20)

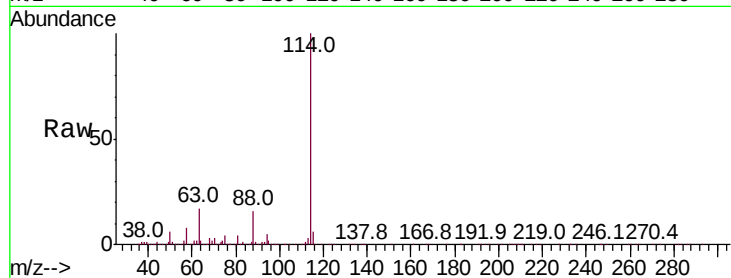
Tot Ion:114 Resp: 1502550

Ion	Ratio	Lower	Upper
114	100		
63	16.6	0.0	35.4
88	16.3	0.0	32.4

114 100

63 16.6 0.0 35.4

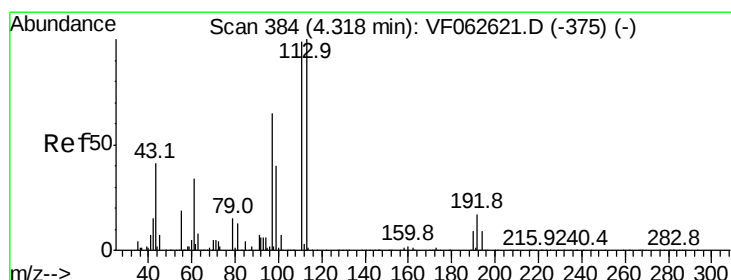
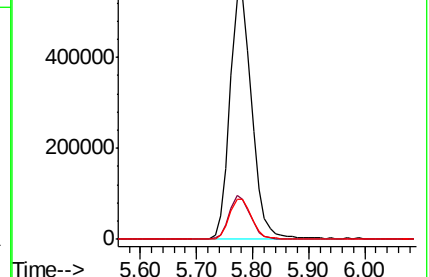
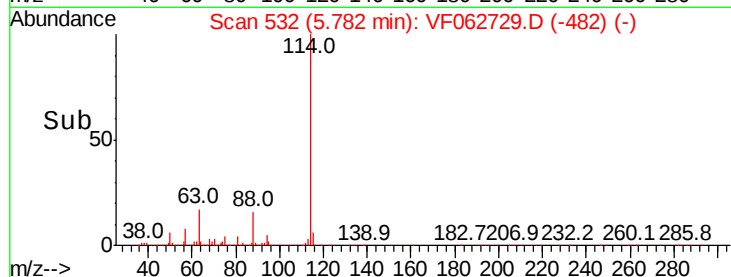
88 16.3 0.0 32.4



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: 43.886 ug/l

RT: 4.31 min Scan# 383

Delta R.T. -0.00 min

Lab File: VF062729.D

Acq: 23 May 2019 16:19

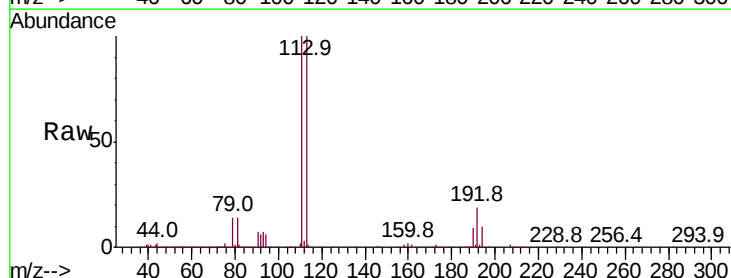
Tgt Ion:113 Resp: 504577

Ion	Ratio	Lower	Upper
113	100		
111	99.8	79.4	119.2
192	19.4	13.4	20.2

113 100

111 99.8 79.4 119.2

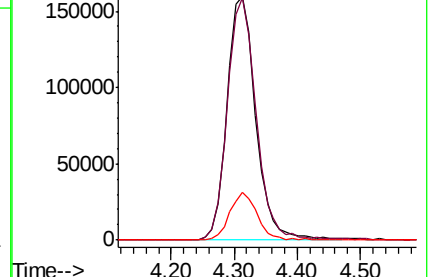
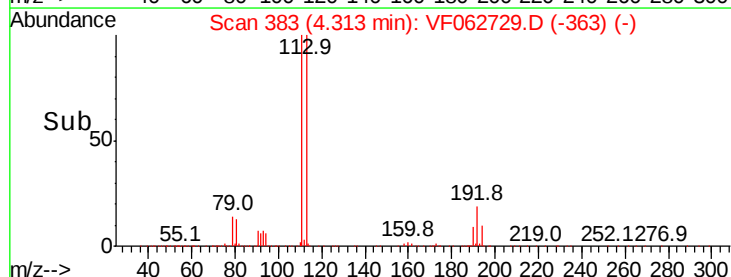
192 19.4 13.4 20.2

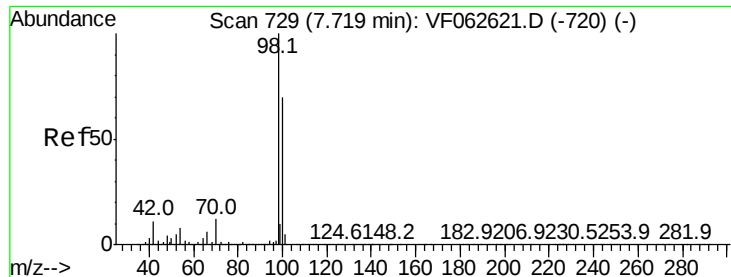


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

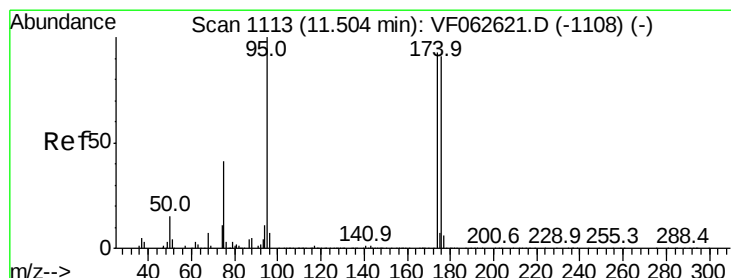
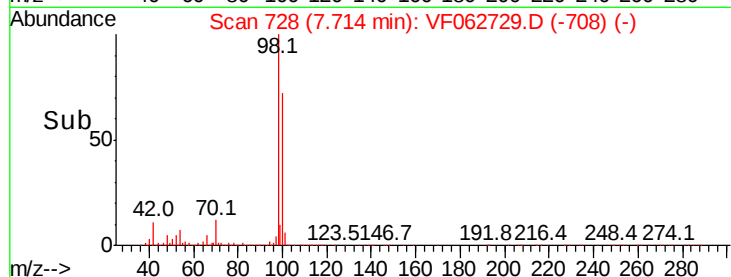
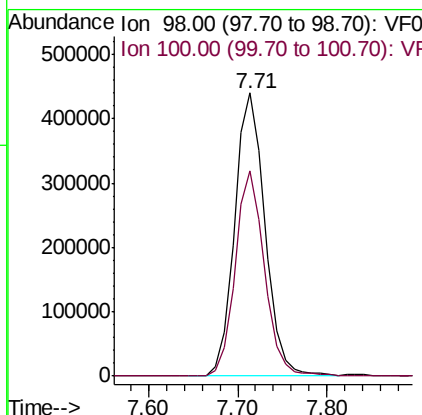
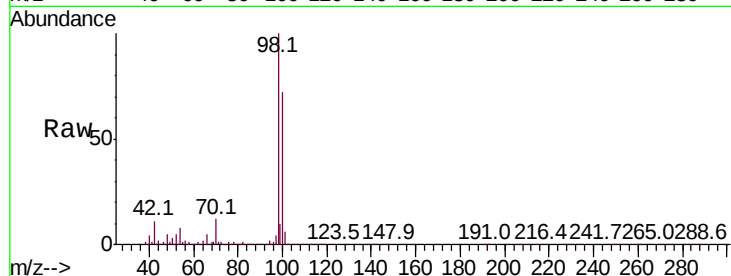




#50
Toluene-d8
Concen: 38.037 ug/l
RT: 7.71 min Scan# 728
Delta R.T. -0.00 min
Lab File: VF062729.D
Acq: 23 May 2019 16:19

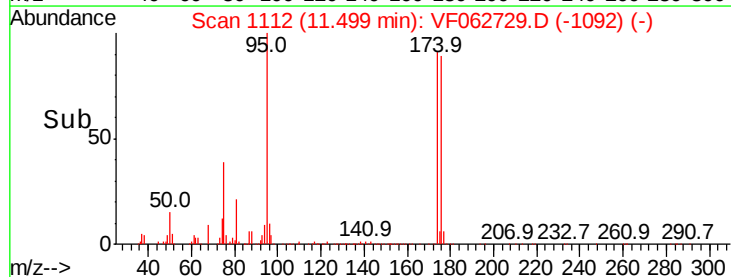
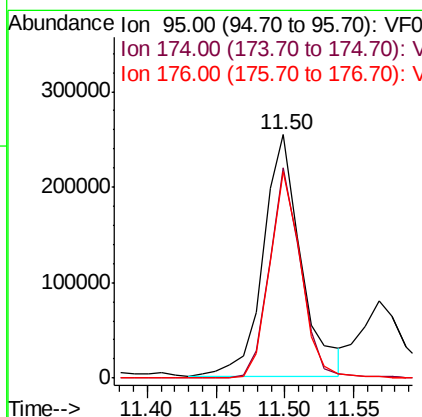
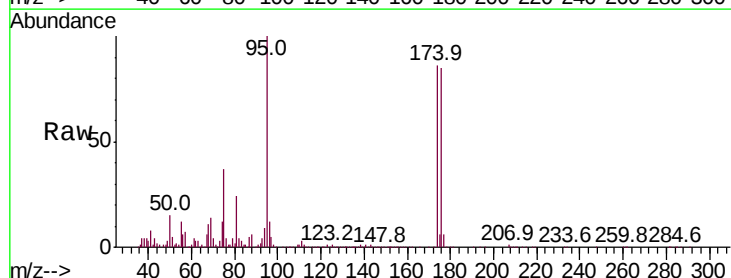
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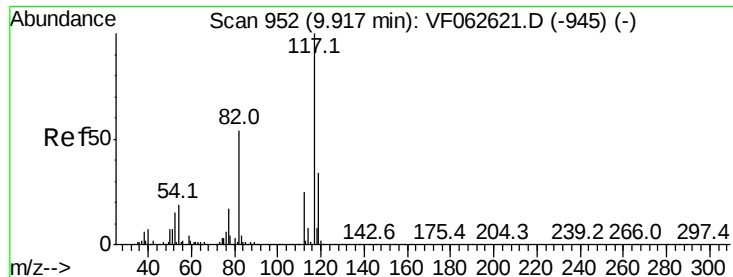
Tot Ion: 98 Resp: 1044187
Ion Ratio Lower Upper
98 100
100 72.4 56.2 84.2



#62
4-Bromofluorobenzene
Concen: 46.397 ug/l
RT: 11.50 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VF062729.D
Acq: 23 May 2019 16:19

Tgt Ion: 95 Resp: 483065
Ion Ratio Lower Upper
95 100
174 86.5 0.0 185.6
176 84.8 0.0 182.4

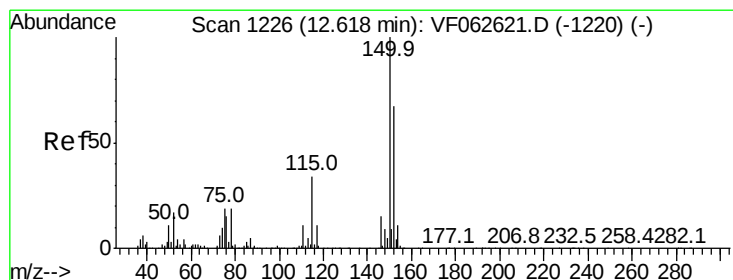
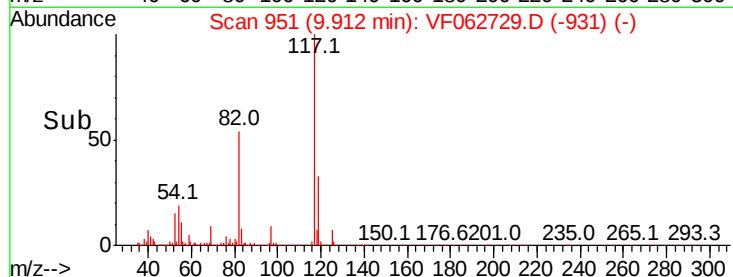
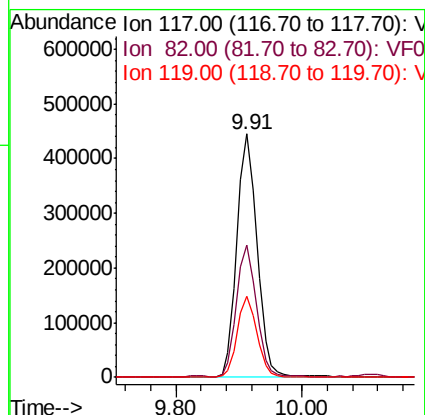
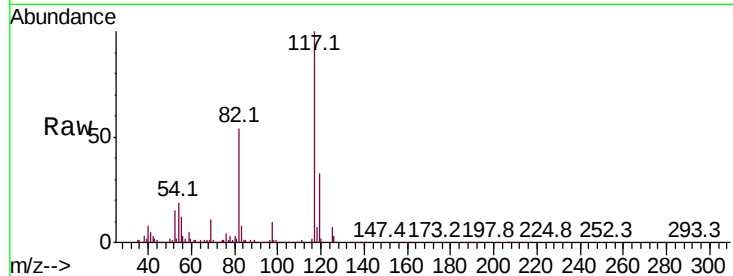




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.00 min
Lab File: VF062729.D
Acq: 23 May 2019 16:19

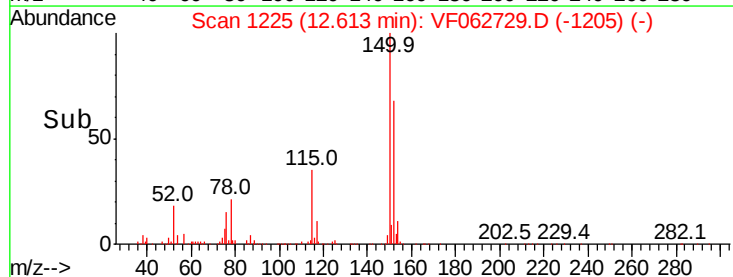
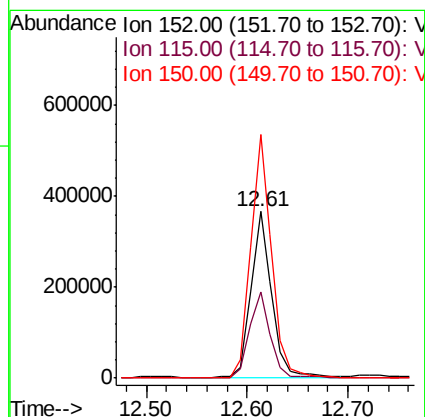
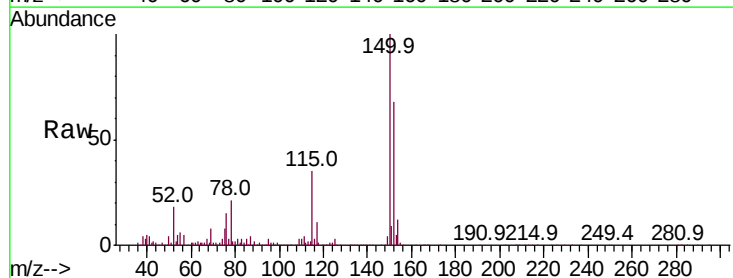
Instrument :
MSVOA_F
ClientSampleId :
EP1-SBR-4BR(17-20)

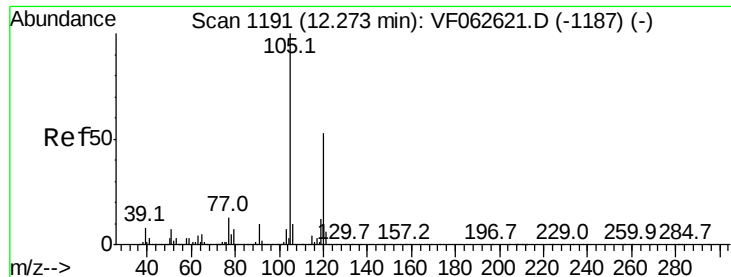
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.3	43.3	64.9
119	33.3	27.4	41.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1225
Delta R.T. -0.00 min
Lab File: VF062729.D
Acq: 23 May 2019 16:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	51.7	25.2	75.6
150	146.4	0.0	306.2





#84

1,2,4-Trimethylbenzene

Concen: 1.964 ug/l

RT: 12.27 min Scan# 1190

Delta R.T. -0.00 min

Lab File: VF062729.D

Acq: 23 May 2019 16:19

Instrument :

MSVOA_F

ClientSampleId :

EP1-SBR-4BR(17-20)

Tot Ion:105 Resp: 57475

Ion Ratio Lower Upper

105 100

120 42.6 26.7 80.1

