

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF051019\
 Data File : VF062428.D
 Acq On : 10 May 2019 17:27
 Operator : FY/SY
 Sample : K2645-05RE
 Misc : 5.91g/5mL/MSVOA F/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 PL-02-050719-CRE

Quant Time: May 10 17:50:12 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 04:34:57 2019
 Response via : Initial Calibration

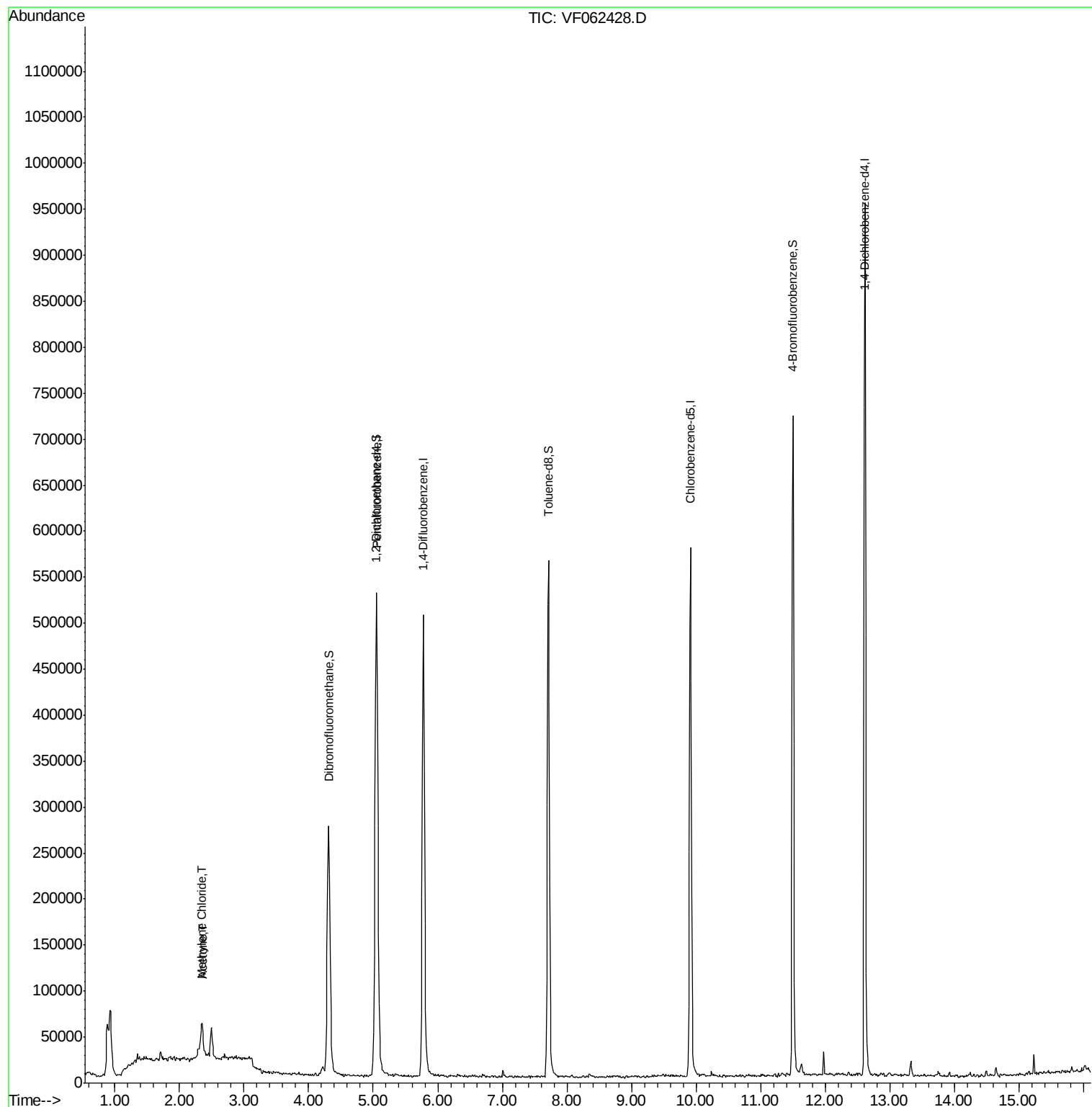
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	427052	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	578815	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	427581	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.61	152	262950	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	224632	55.66	ug/l	0.01
Spiked Amount 50.000			Recovery	=	111.32%	
35) Dibromofluoromethane	4.31	113	257811	55.91	ug/l	0.01
Spiked Amount 50.000			Recovery	=	111.82%	
50) Toluene-d8	7.72	98	481525	43.14	ug/l	0.01
Spiked Amount 50.000			Recovery	=	86.28%	
62) 4-Bromofluorobenzene	11.50	95	237773	47.21	ug/l	0.01
Spiked Amount 50.000			Recovery	=	94.42%	
Target Compounds						
16) Acetone	2.35	43	53053	64.983	ug/l	96
20) Methylene Chloride	2.33	84	15928	5.392	ug/l	93

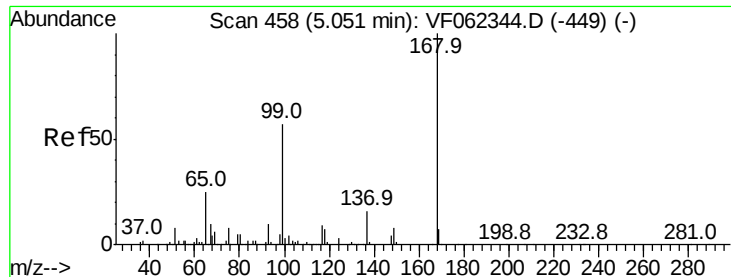
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.05 min Scan# 459

Delta R.T. 0.00 min

Lab File: VF062428.D

Acq: 10 May 2019 17:27

Instrument :

MSVOA_F

ClientSampleId :

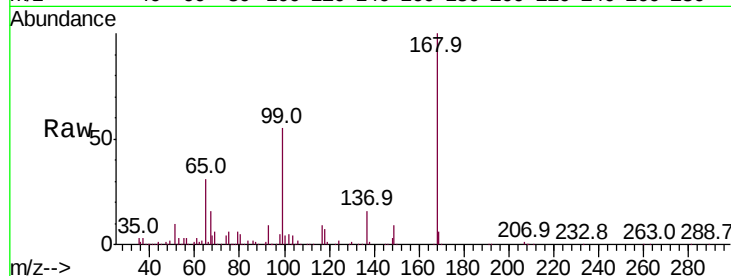
PL-02-050719-CRE

Tot Ion:168 Resp: 427052

Ion Ratio Lower Upper

168 100

99 54.7 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

5.05

150000

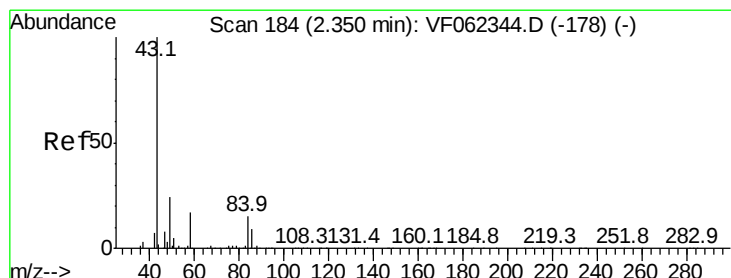
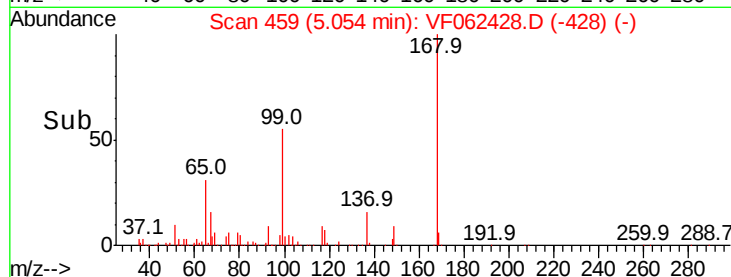
100000

50000

0

4.90 5.00 5.10 5.20 5.30

Time-->



#16

Acetone

Concen: 64.983 ug/l

RT: 2.35 min Scan# 185

Delta R.T. 0.00 min

Lab File: VF062428.D

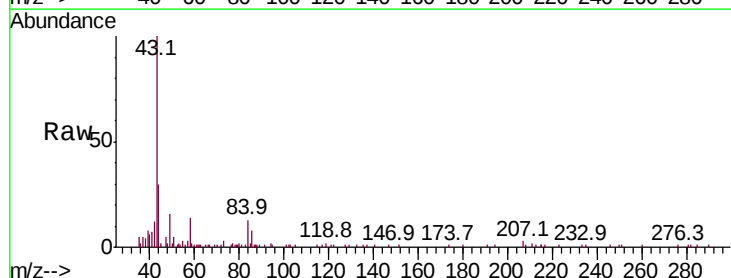
Acq: 10 May 2019 17:27

Tgt Ion: 43 Resp: 53053

Ion Ratio Lower Upper

43 100

58 14.7 13.1 19.7



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.35

20000

15000

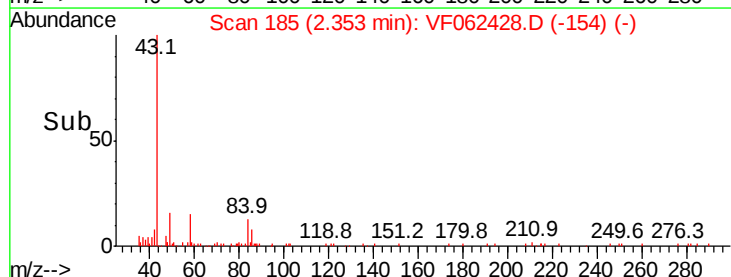
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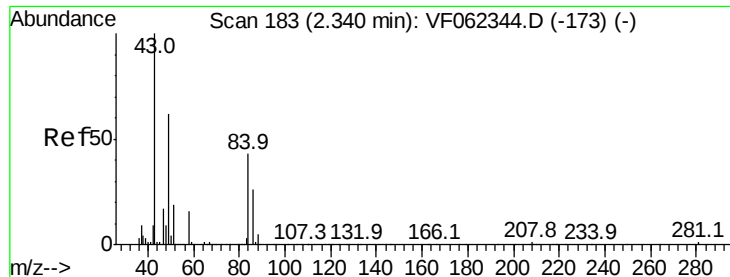
5000

0

2.30 2.40

Time-->

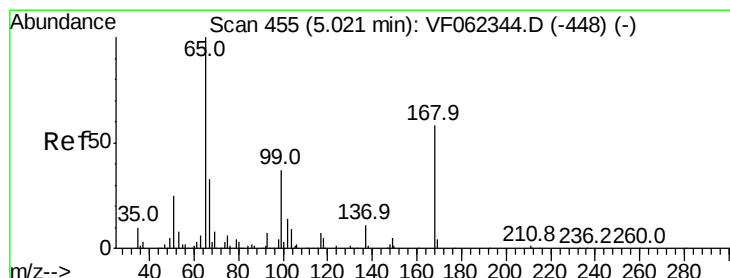
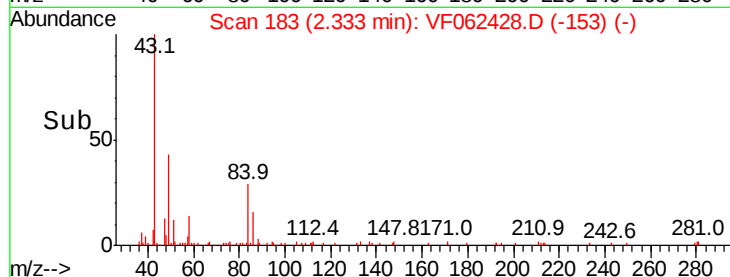
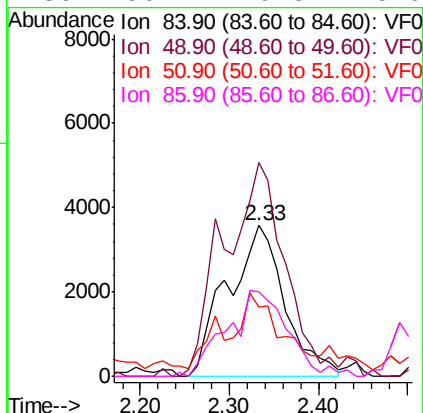
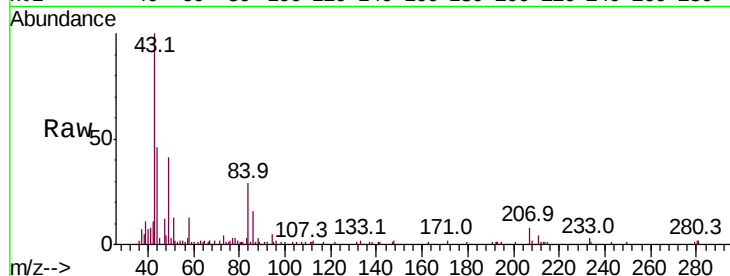




#20
Methylene Chloride
Concen: 5.392 ug/l
RT: 2.33 min Scan# 183
Delta R.T. -0.01 min
Lab File: VF062428.D
Acq: 10 May 2019 17:27

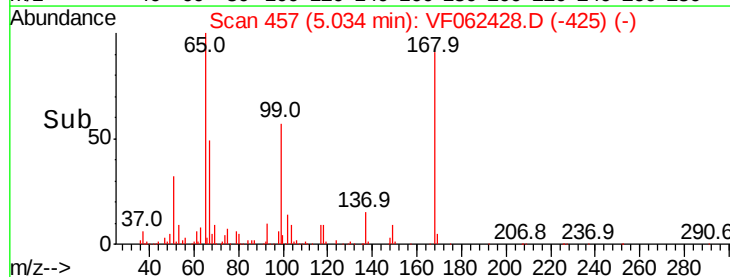
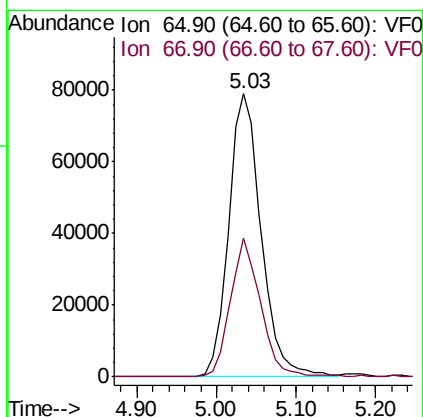
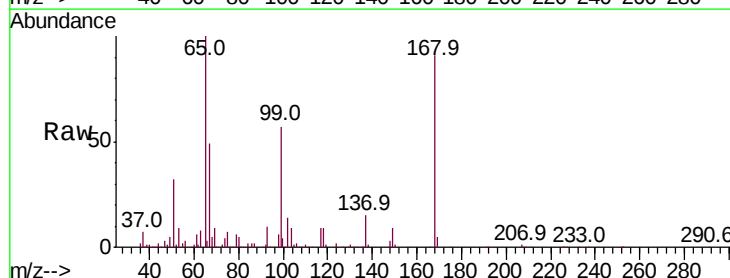
Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-CRE

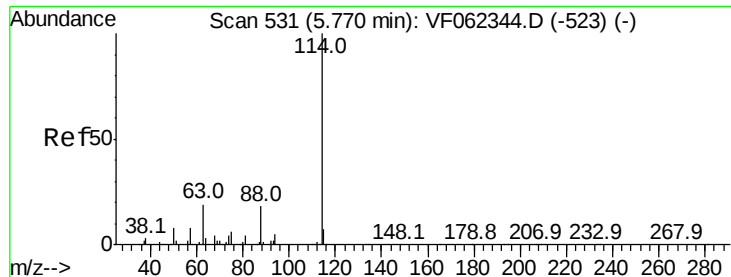
Tot Ion:	84	Resp:	15928
Ion	Ratio	Lower	Upper
84	100		
49	137.8	117.5	176.3
51	40.9	37.0	55.4
86	56.4	49.3	73.9



#33
1,2-Dichloroethane-d4
Concen: 55.660 ug/l
RT: 5.03 min Scan# 457
Delta R.T. 0.01 min
Lab File: VF062428.D
Acq: 10 May 2019 17:27

Tgt Ion:	65	Resp:	224632
Ion	Ratio	Lower	Upper
65	100		
67	45.9	0.0	85.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.77 min Scan# 532

Delta R.T. 0.00 min

Lab File: VF062428.D

Acq: 10 May 2019 17:27

Instrument :

MSVOA_F

ClientSampleId :

PL-02-050719-CRE

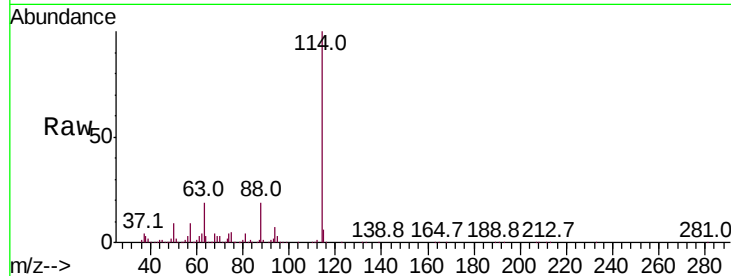
Tot Ion:114 Resp: 578815

Ion Ratio Lower Upper

114 100

63 19.5 0.0 37.4

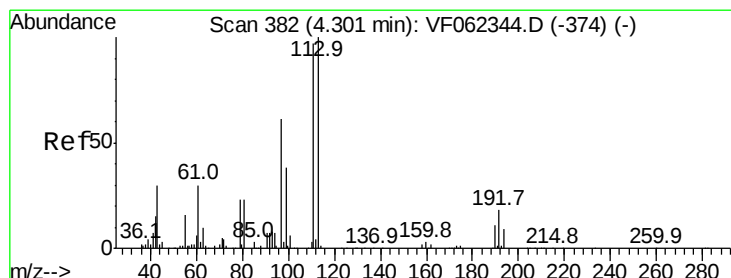
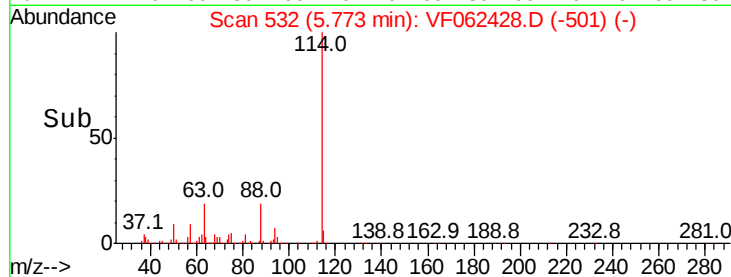
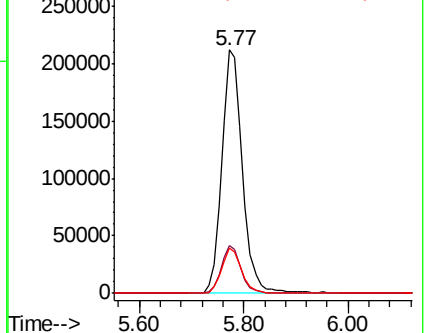
88 18.6 0.0 36.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 87.90 (87.60 to 88.60): VF0



#35

Dibromofluoromethane

Concen: 55.908 ug/l

RT: 4.31 min Scan# 384

Delta R.T. 0.01 min

Lab File: VF062428.D

Acq: 10 May 2019 17:27

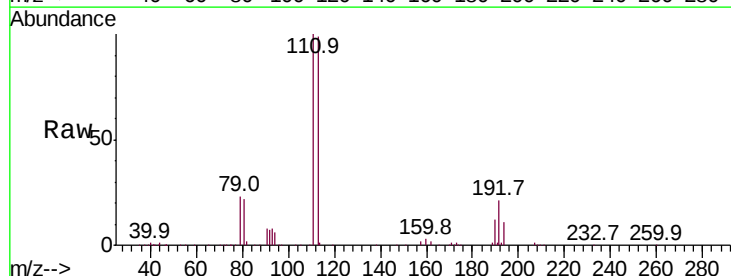
Tgt Ion:113 Resp: 257811

Ion Ratio Lower Upper

113 100

111 100.9 79.4 119.0

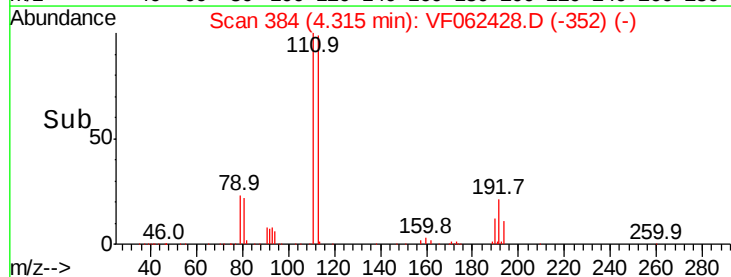
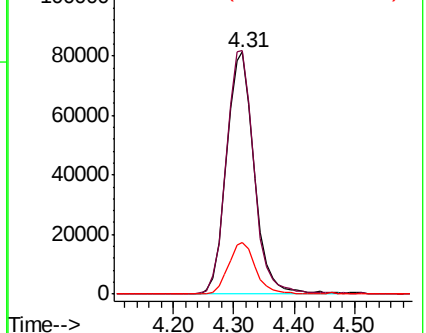
192 20.9 16.0 24.0

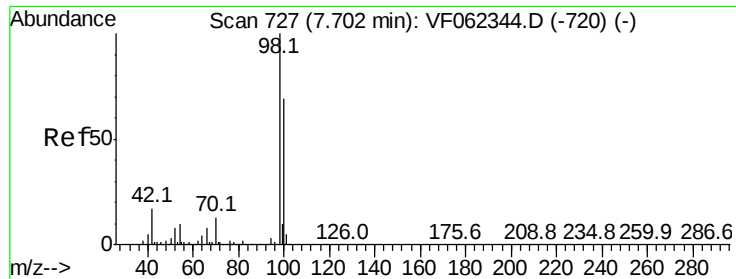


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 43.138 ug/l

RT: 7.72 min Scan# 729

Delta R.T. 0.01 min

Lab File: VF062428.D

Acq: 10 May 2019 17:27

Instrument :

MSVOA_F

ClientSampleId :

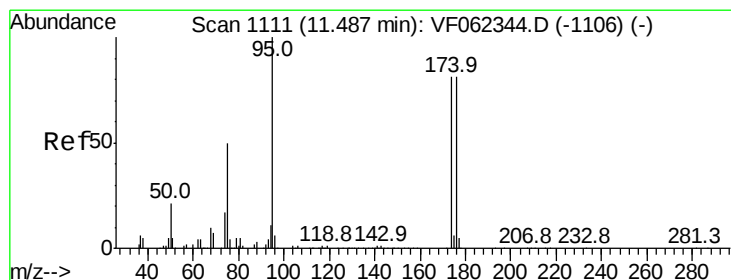
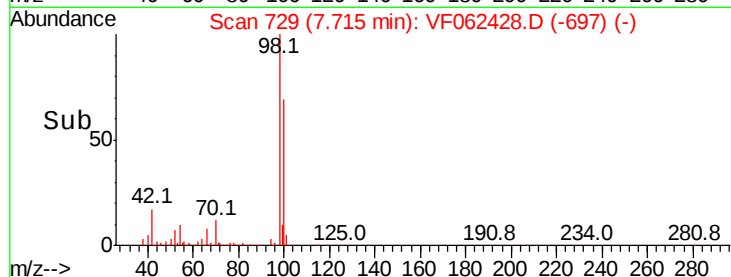
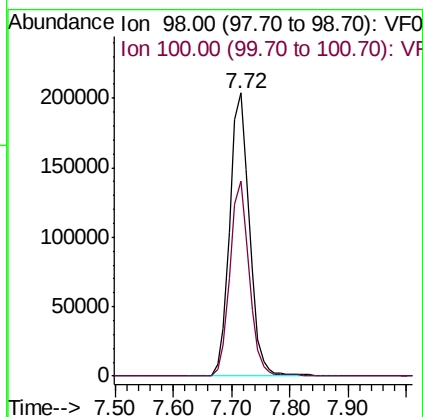
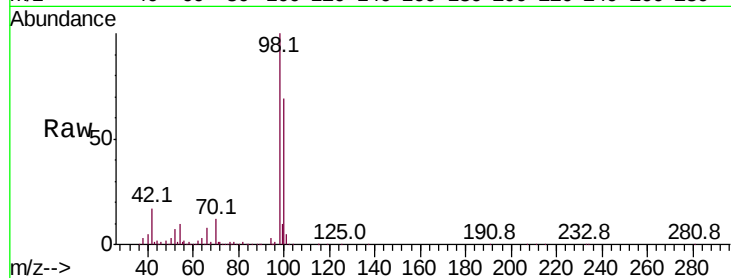
PL-02-050719-CRE

Tot Ion: 98 Resp: 481525

Ion Ratio Lower Upper

98 100

100 67.4 53.3 79.9



#62

4-Bromofluorobenzene

Concen: 47.214 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. 0.01 min

Lab File: VF062428.D

Acq: 10 May 2019 17:27

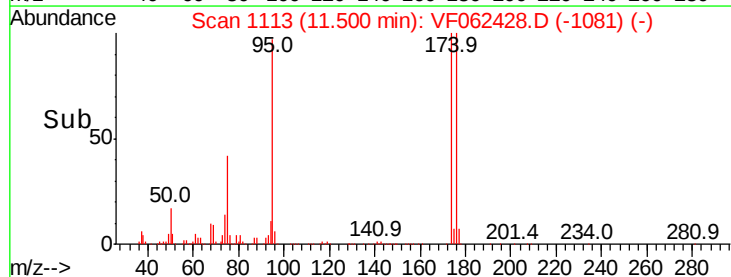
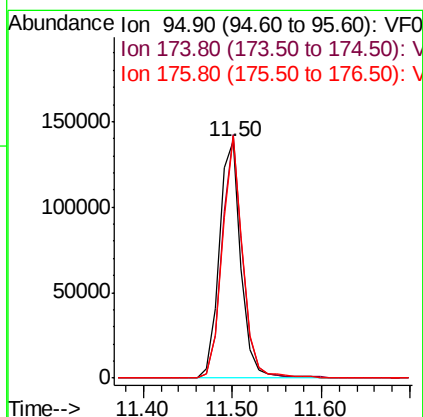
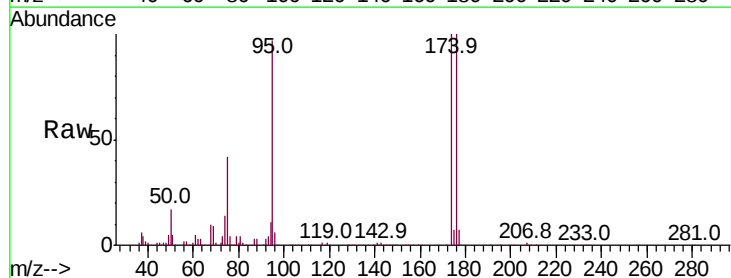
Tgt Ion: 95 Resp: 237773

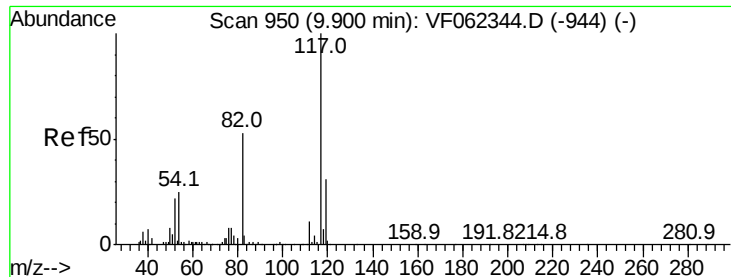
Ion Ratio Lower Upper

95 100

174 96.9 0.0 191.8

176 96.5 0.0 193.2

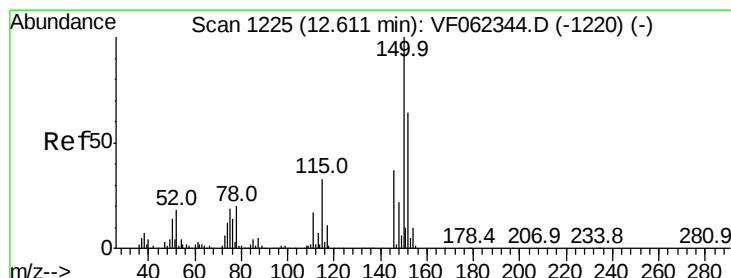
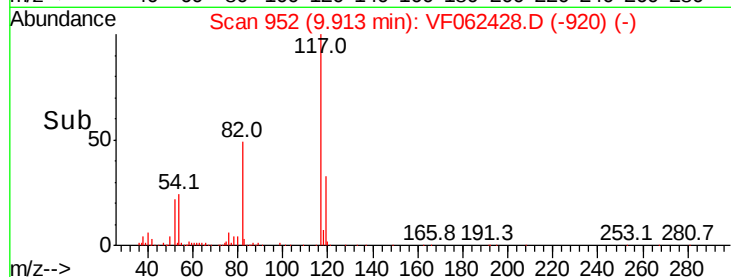
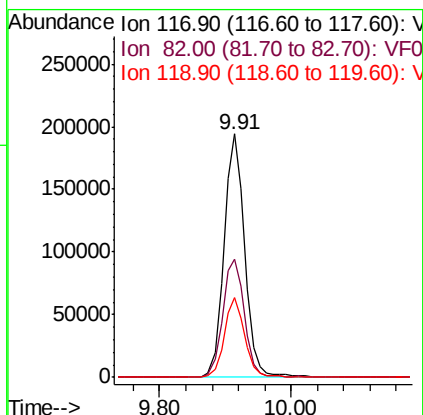
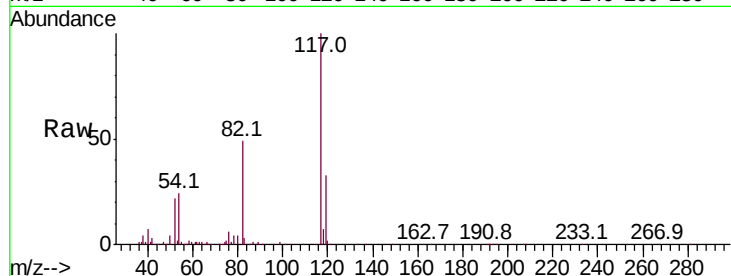




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 952
Delta R.T. 0.01 min
Lab File: VF062428.D
Acq: 10 May 2019 17:27

Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-CRE

Tot Ion	Ratio	Lower	Upper
117	100		
82	48.7	42.2	63.2
119	32.9	25.0	37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1226
Delta R.T. 0.00 min
Lab File: VF062428.D
Acq: 10 May 2019 17:27

Tgt Ion	Ratio	Lower	Upper
152	100		
115	52.6	26.4	79.2
150	149.8	0.0	335.0

