

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF051019\
 Data File : VF062448.D
 Acq On : 11 May 2019 5:29
 Operator : FY/SY
 Sample : K2719-19
 Misc : 3.06g/5mL/MSVOA F/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P026-SS011-0206-01

Quant Time: May 14 01:18:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 04:34:57 2019
 Response via : Initial Calibration

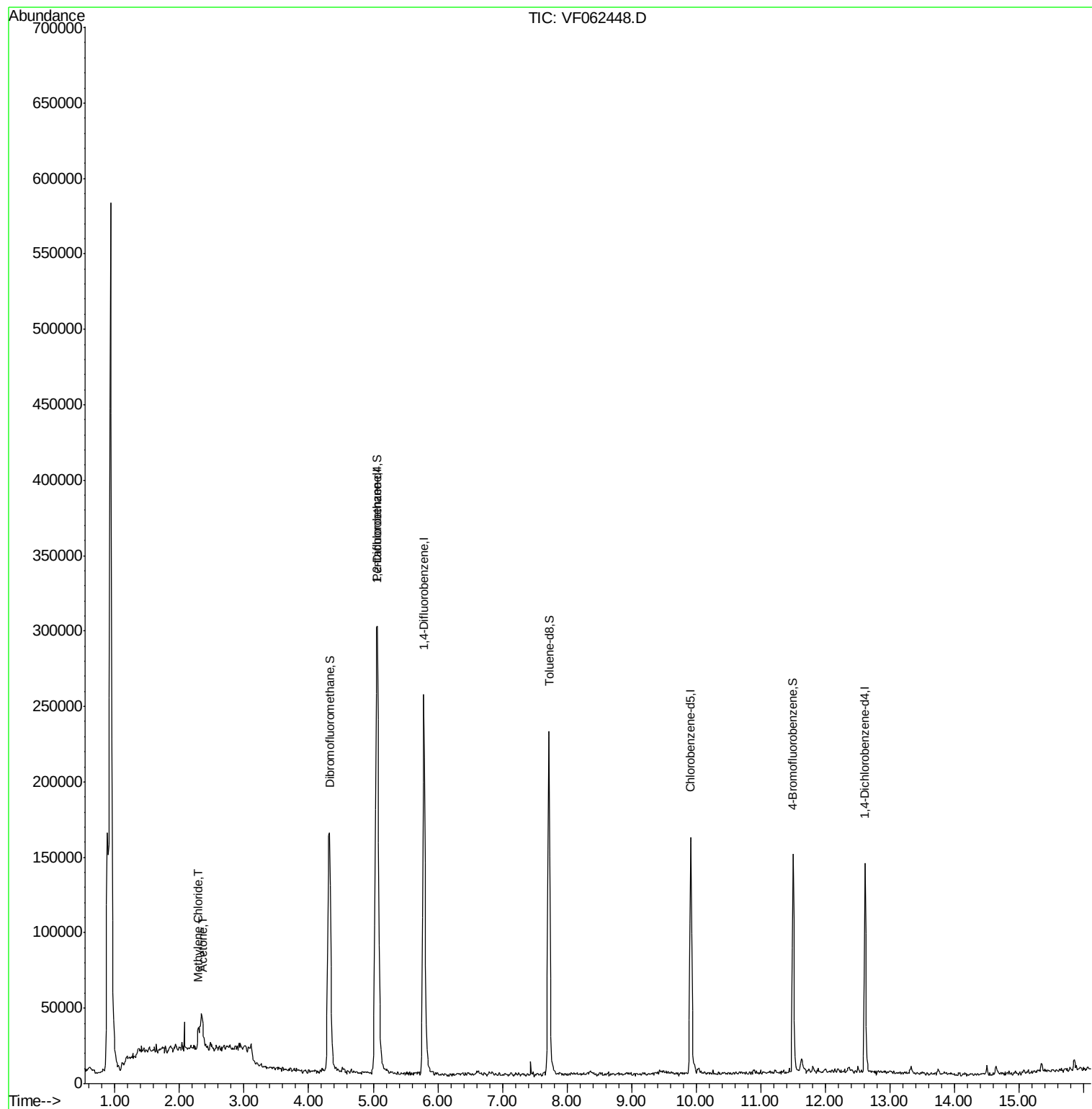
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	231403	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.78	114	268752	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.92	117	117038	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	35371	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	151096	69.09	ug/l	0.02
Spiked Amount 50.000			Recovery	=	138.18%	
35) Dibromofluoromethane	4.32	113	149130	69.65	ug/l	0.02
Spiked Amount 50.000			Recovery	=	139.30%	
50) Toluene-d8	7.73	98	200554	38.70	ug/l	0.02
Spiked Amount 50.000			Recovery	=	77.40%	
62) 4-Bromofluorobenzene	11.50	95	43863	18.76	ug/l	0.01
Spiked Amount 50.000			Recovery	=	37.52%	
Target Compounds						
16) Acetone	2.36	43	27276	61.657	ug/l	98
20) Methylene Chloride	2.29	84	13632	8.517	ug/l	96

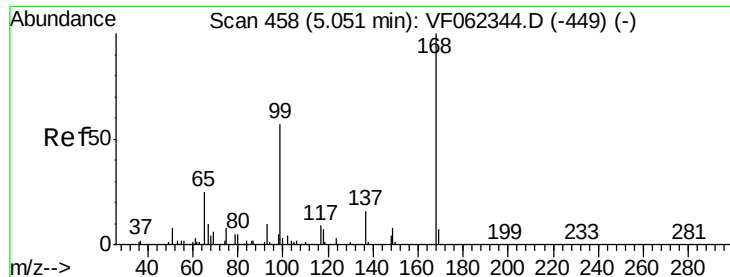
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 460

Delta R.T. 0.01 min

Lab File: VF062448.D

Acq: 11 May 2019 5:29

Instrument :

MSVOA_F

ClientSampleId :

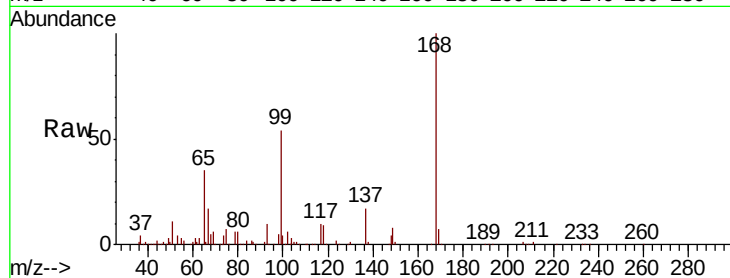
P026-SS011-0206-01

Tot Ion:168 Resp: 231403

Ion Ratio Lower Upper

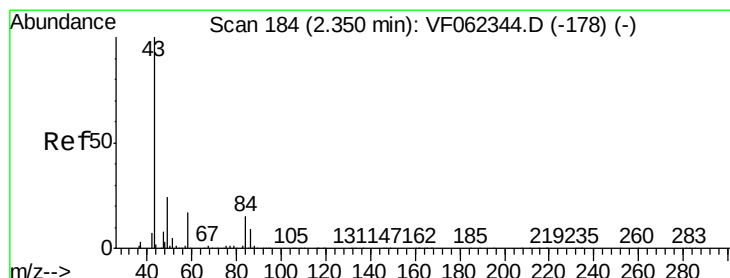
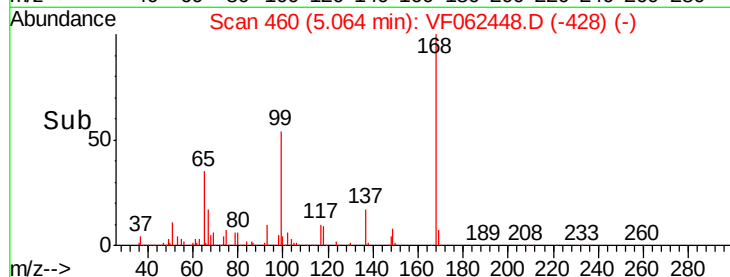
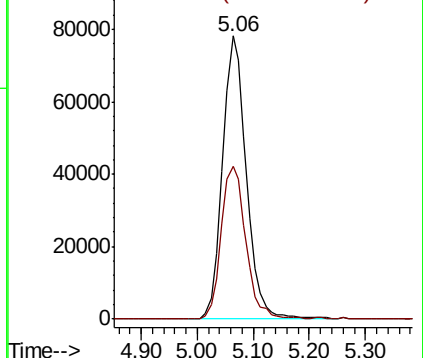
168 100

99 54.2 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VF0



#16

Acetone

Concen: 61.657 ug/l

RT: 2.36 min Scan# 186

Delta R.T. 0.01 min

Lab File: VF062448.D

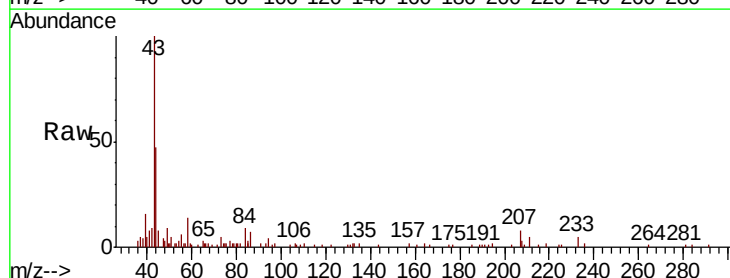
Acq: 11 May 2019 5:29

Tgt Ion: 43 Resp: 27276

Ion Ratio Lower Upper

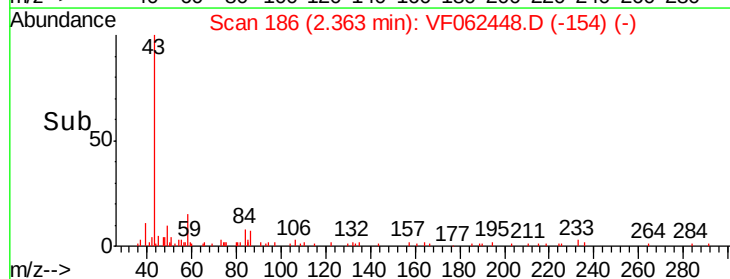
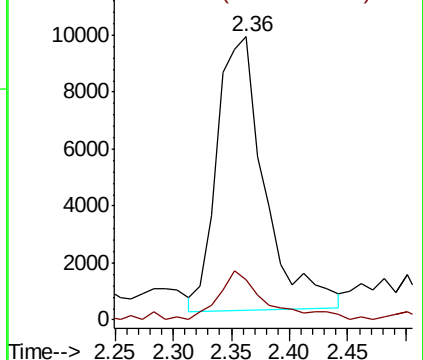
43 100

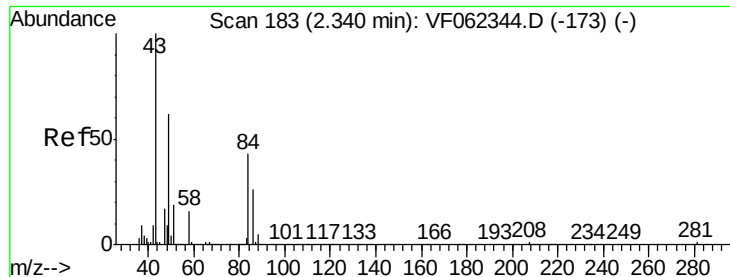
58 15.6 13.1 19.7



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

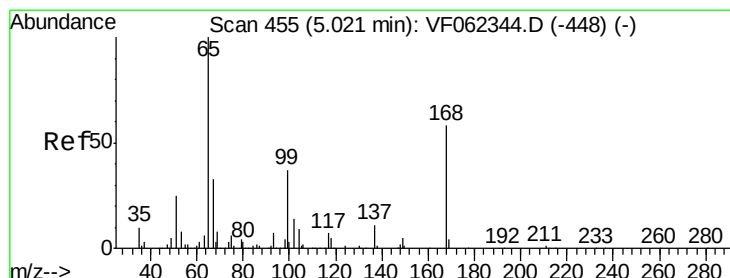
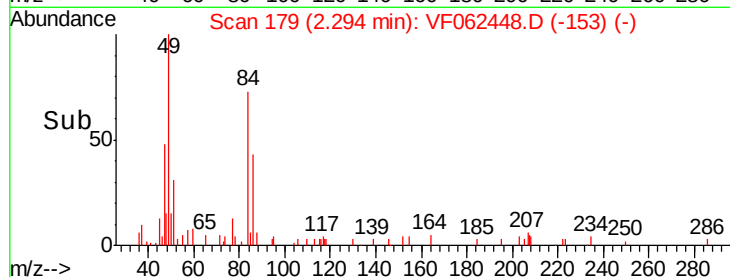
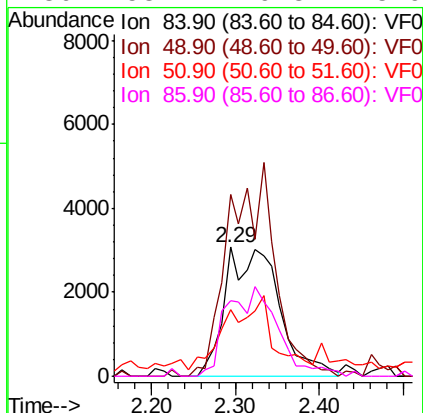
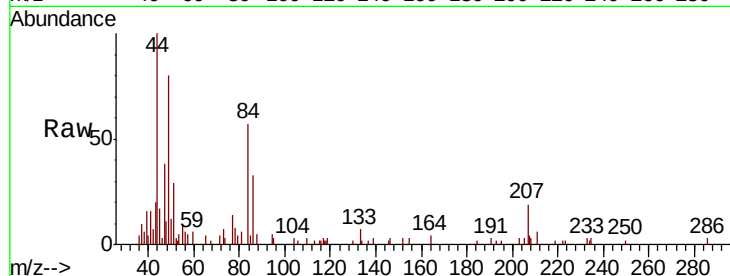




#20
Methylene Chloride
Concen: 8.517 ug/l
RT: 2.29 min Scan# 179
Delta R.T. -0.05 min
Lab File: VF062448.D
Acq: 11 May 2019 5:29

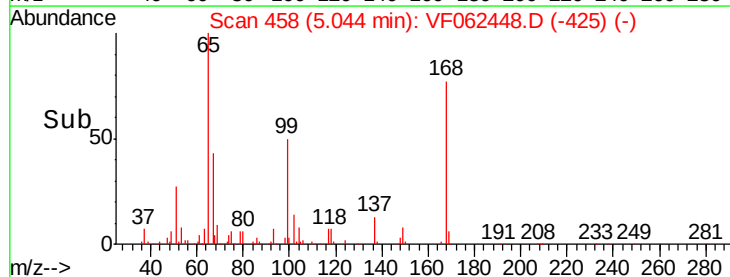
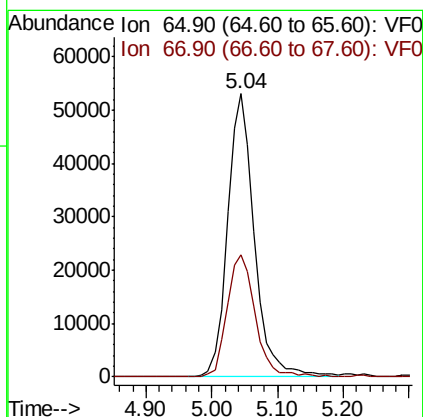
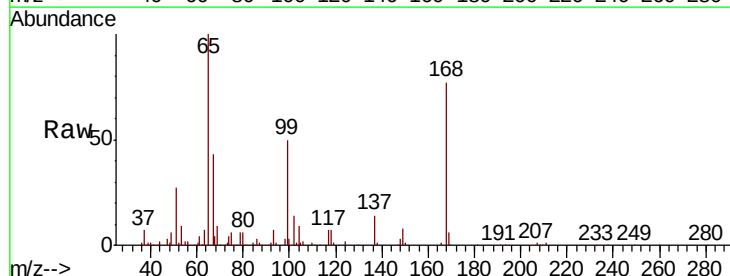
Instrument :
MSVOA_F
ClientSampleId :
P026-SS011-0206-01

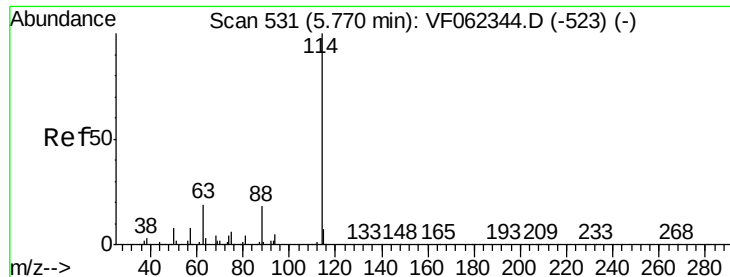
Tot Ion:	84	Resp:	13632
Ion	Ratio	Lower	Upper
84	100		
49	140.7	117.5	176.3
51	46.4	37.0	55.4
86	58.7	49.3	73.9



#33
1,2-Dichloroethane-d4
Concen: 69.093 ug/l
RT: 5.04 min Scan# 458
Delta R.T. 0.02 min
Lab File: VF062448.D
Acq: 11 May 2019 5:29

Tgt Ion:	65	Resp:	151096
Ion	Ratio	Lower	Upper
65	100		
67	45.8	0.0	85.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.78 min Scan# 533

Delta R.T. 0.01 min

Lab File: VF062448.D

Acq: 11 May 2019 5:29

Instrument :

MSVOA_F

ClientSampleId :

P026-SS011-0206-01

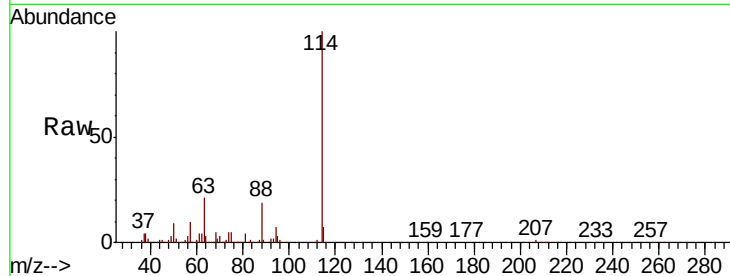
Tot Ion:114 Resp: 268752

Ion Ratio Lower Upper

114 100

63 20.9 0.0 37.4

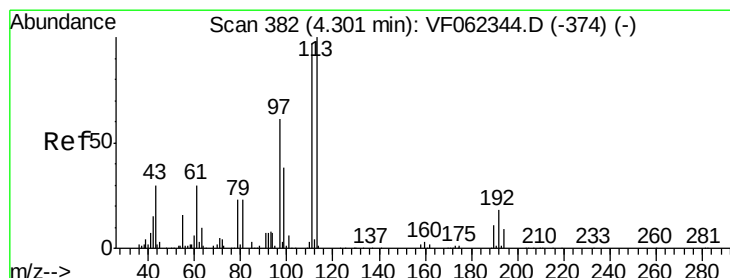
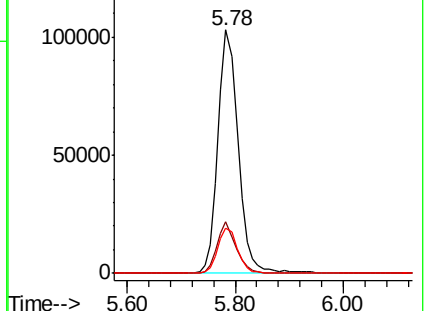
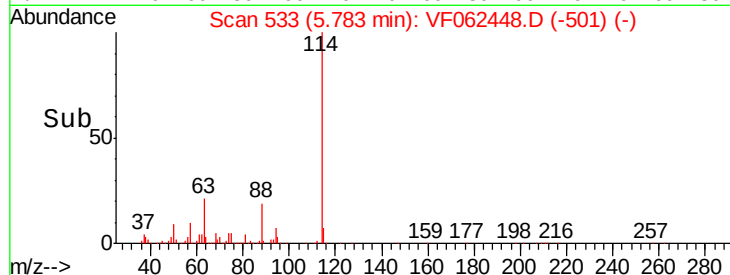
88 18.8 0.0 36.4



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: 69.651 ug/l

RT: 4.32 min Scan# 385

Delta R.T. 0.02 min

Lab File: VF062448.D

Acq: 11 May 2019 5:29

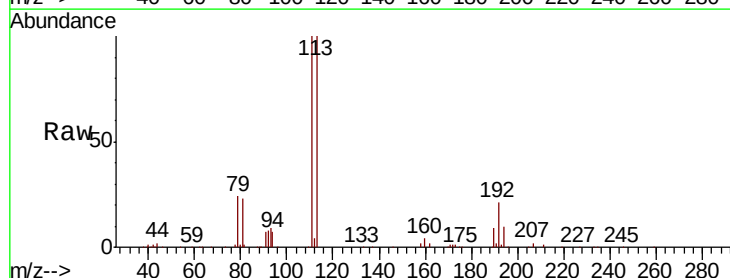
Tgt Ion:113 Resp: 149130

Ion Ratio Lower Upper

113 100

111 100.6 79.4 119.0

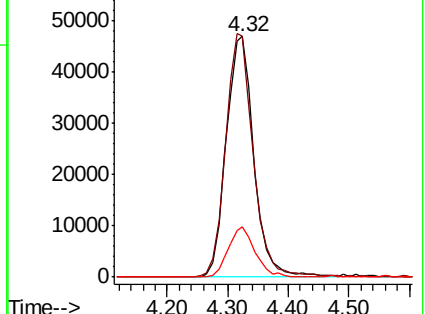
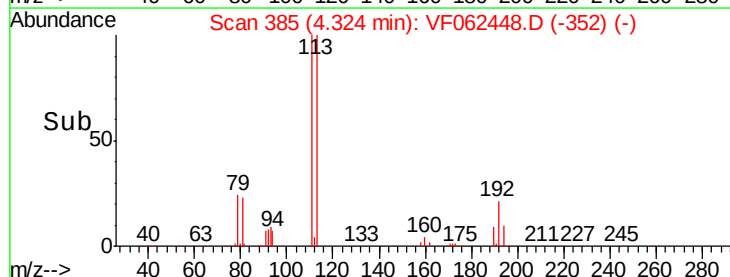
192 20.3 16.0 24.0

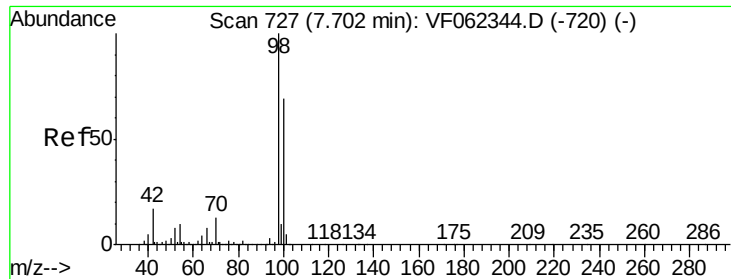


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 38.696 ug/l

RT: 7.73 min Scan# 730

Delta R.T. 0.02 min

Lab File: VF062448.D

Acq: 11 May 2019 5:29

Instrument :

MSVOA_F

ClientSampleId :

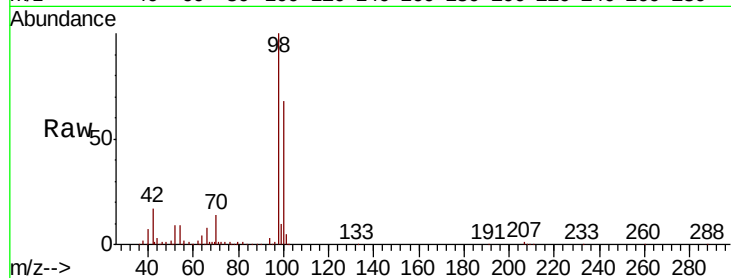
P026-SS011-0206-01

Tot Ion: 98 Resp: 200554

Ion Ratio Lower Upper

98 100

100 65.3 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.73

80000

60000

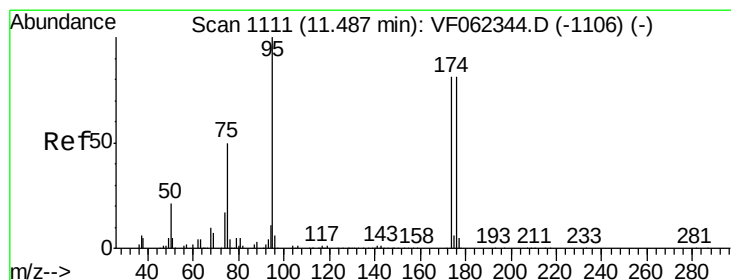
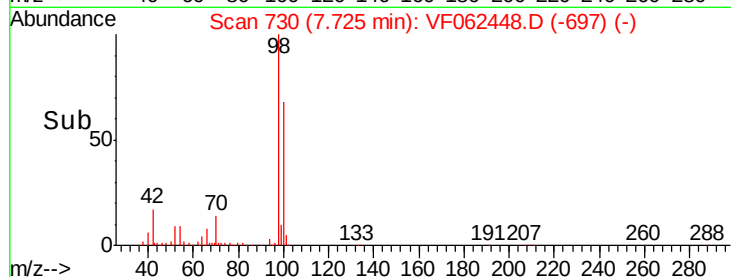
40000

20000

0

7.60 7.80 8.00

Time-->



#62

4-Bromofluorobenzene

Concen: 18.758 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. 0.01 min

Lab File: VF062448.D

Acq: 11 May 2019 5:29

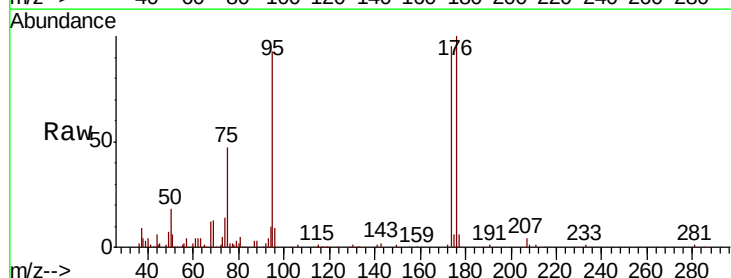
Tgt Ion: 95 Resp: 43863

Ion Ratio Lower Upper

95 100

174 101.7 0.0 191.8

176 103.2 0.0 193.2



Abundance Ion 94.90 (94.60 to 95.60): VF0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.50

30000

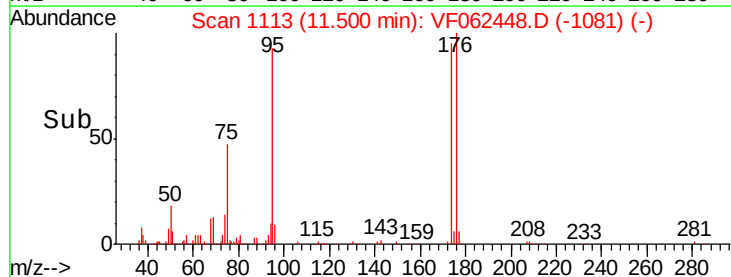
20000

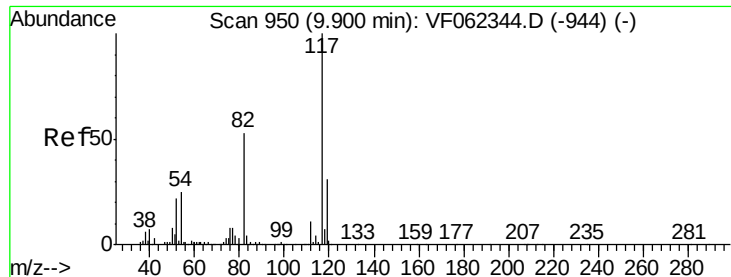
10000

0

11.40 11.50 11.60

Time-->

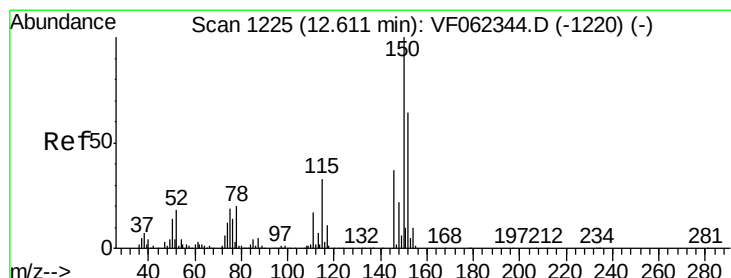
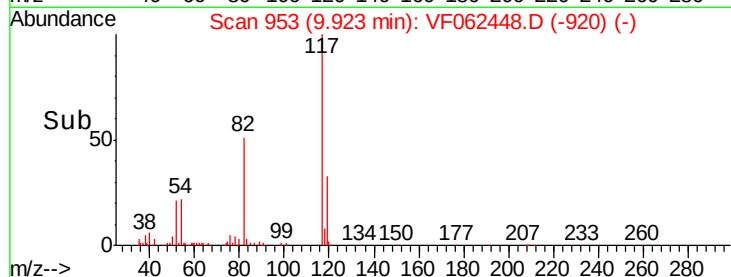
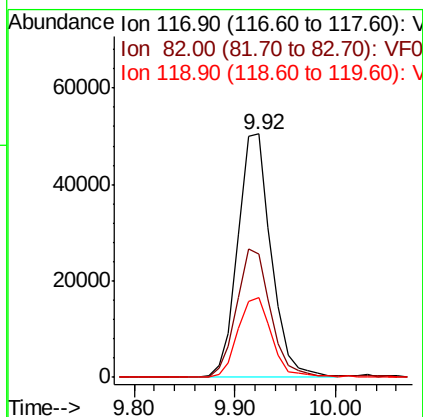
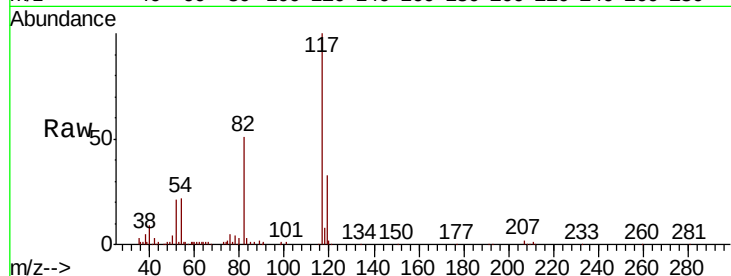




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 953
Delta R.T. 0.02 min
Lab File: VF062448.D
Acq: 11 May 2019 5:29

Instrument :
MSVOA_F
ClientSampleId :
P026-SS011-0206-01

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.7	42.2	63.2
119	32.6	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: VF062448.D
Acq: 11 May 2019 5:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.3	26.4	79.2
150	157.1	0.0	335.0

