

Data File : VF062460.D
Acq On : 11 May 2019 15:16
Operator : FY/SY
Sample : K2719-20RE
Misc : 5.49g/5mL/MSVOA_F/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P026-SS011-0612-01RE

Quant Time: May 12 04:18:21 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

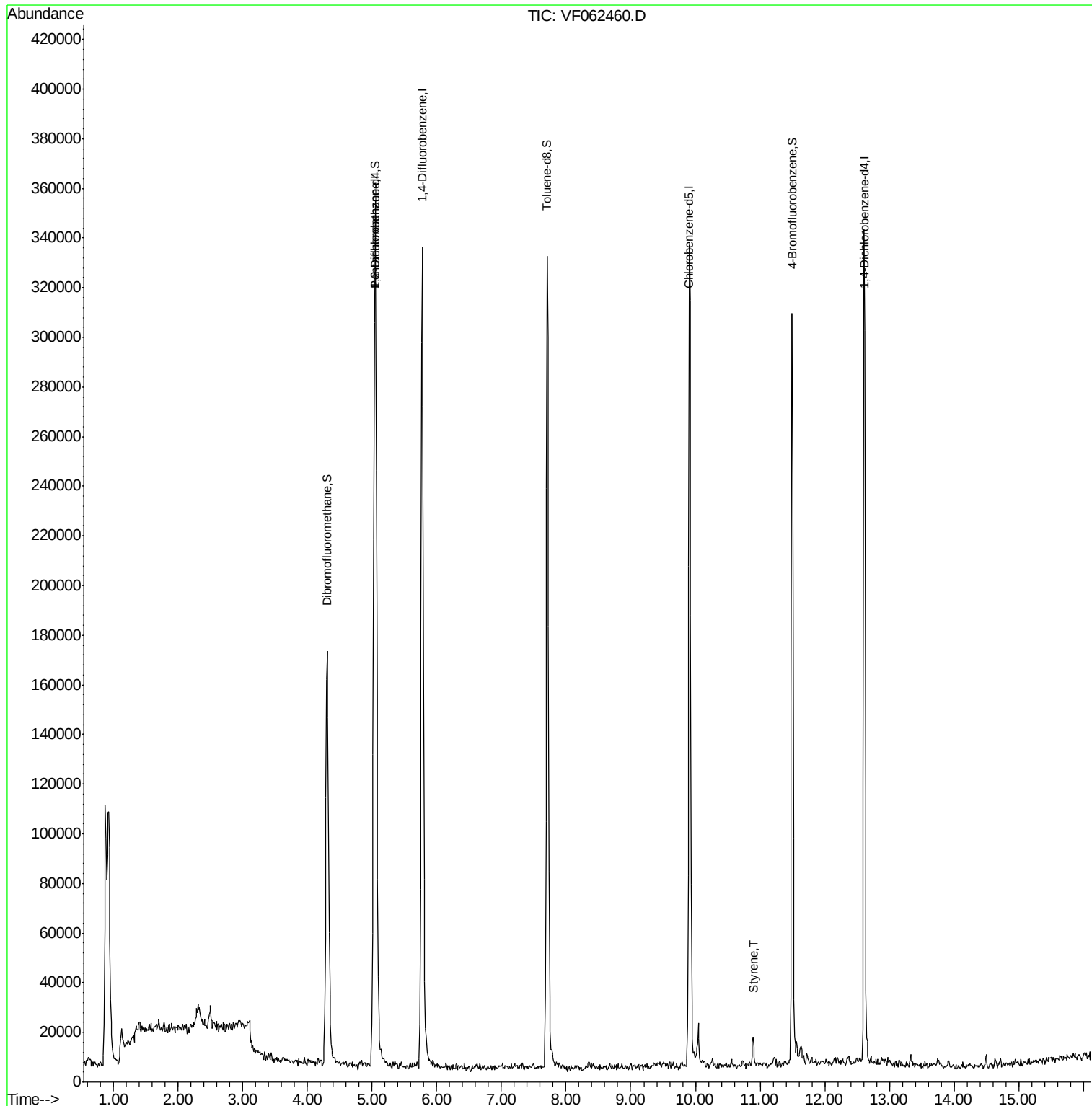
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	275951	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.78	114	360956	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	243119	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	93655	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	141139	54.12	ug/l	0.02
Spiked Amount 50.000			Recovery	=	108.24%	
35) Dibromofluoromethane	4.31	113	150438	52.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.62%	
50) Toluene-d8	7.71	98	275630	39.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.20%	
62) 4-Bromofluorobenzene	11.49	95	94243	30.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	60.02%	
Target Compounds						
70) Styrene	10.89	104	5987	1.422	ug/l	Qvalue 95

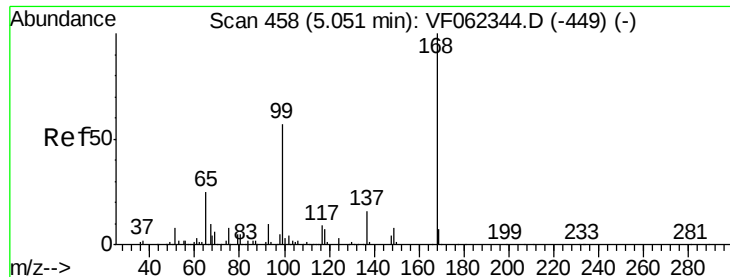
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 459

Delta R.T. 0.01 min

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MSVOA_F

ClientSampleId :

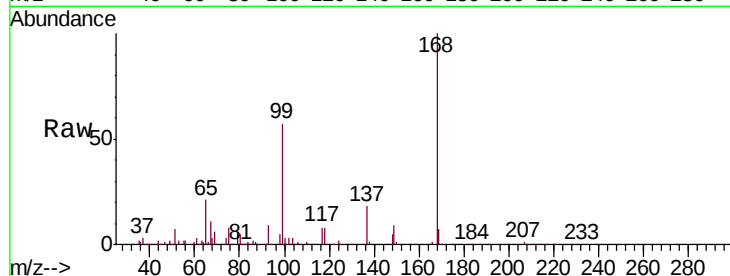
P026-SS011-0612-01RE

Tgt Ion:168 Resp: 275951

Ion Ratio Lower Upper

168 100

99 56.6 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VF0

5.06

100000

80000

60000

40000

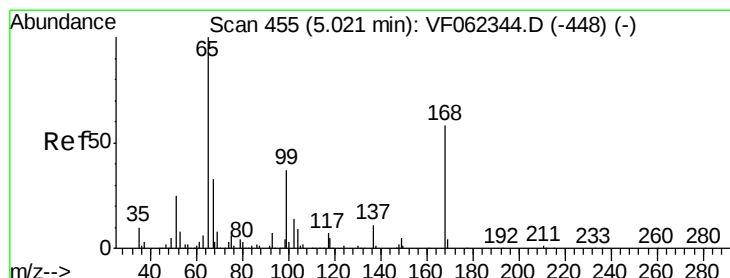
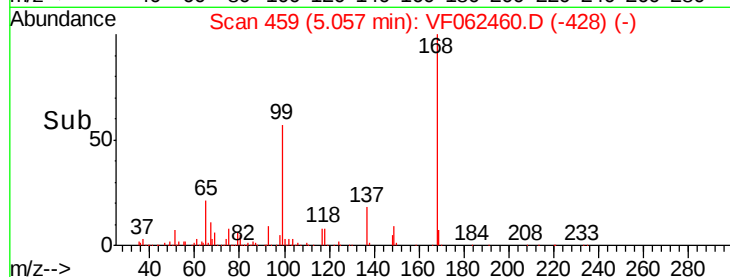
20000

0

5.00

5.20

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.121 ug/l

RT: 5.04 min Scan# 457

Delta R.T. 0.02 min

Lab File: VF062460.D

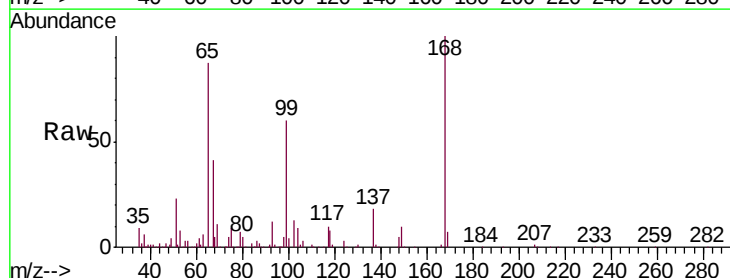
Acq: 11 May 2019 15:16

Tgt Ion: 65 Resp: 141139

Ion Ratio Lower Upper

65 100

67 45.5 0.0 85.8



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0

5.04

50000

40000

30000

20000

10000

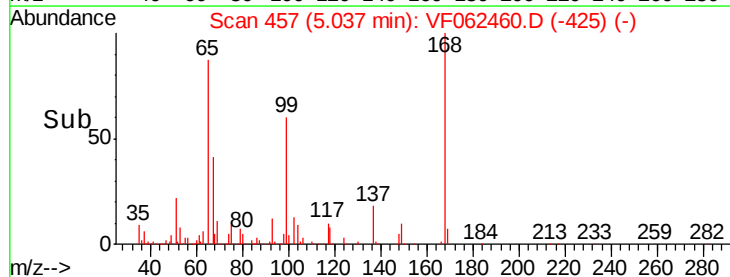
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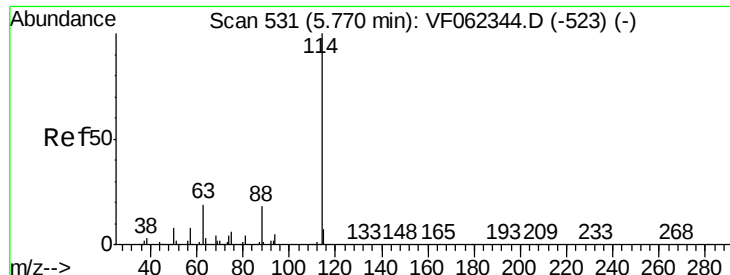
4.90

5.00

5.10

Time-->

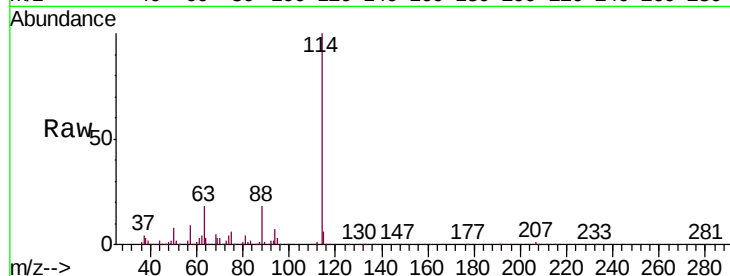




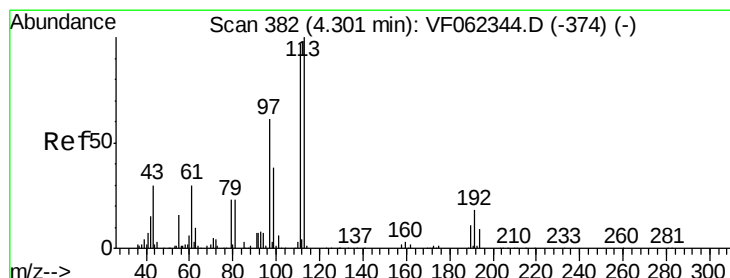
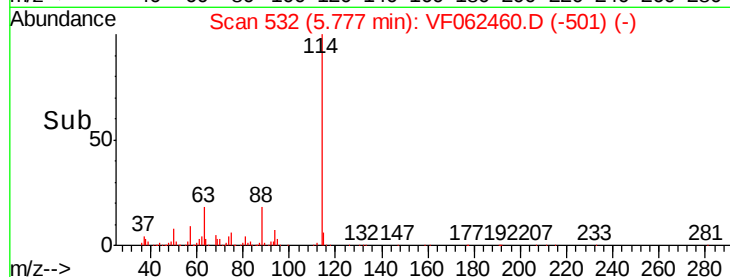
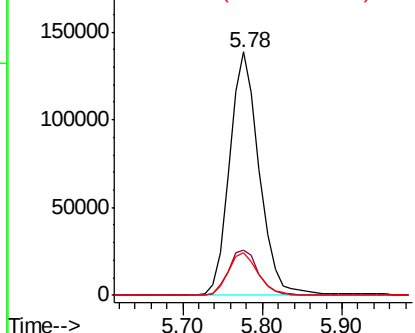
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.78 min Scan# 532
 Delta R.T. 0.01 min
 Lab File: VF062460.D
 Acq: 11 May 2019 15:16

Instrument :
 MSVOA_F
 ClientSampleId :
 P026-SS011-0612-01RE

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	37.4
88	17.7	0.0	36.4

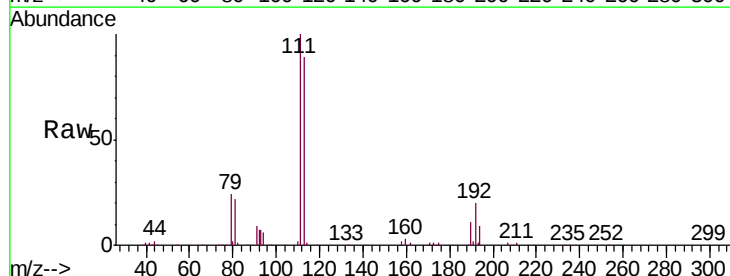


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 87.90 (87.60 to 88.60): VF0

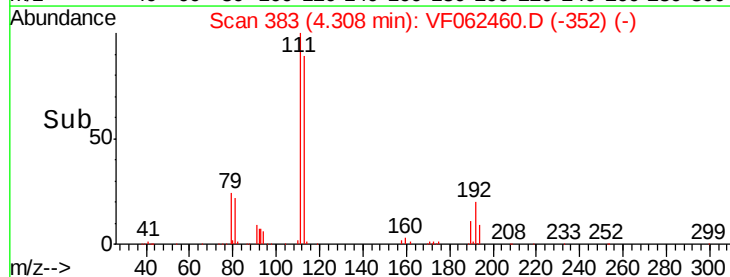
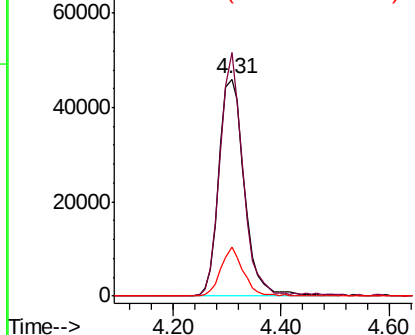


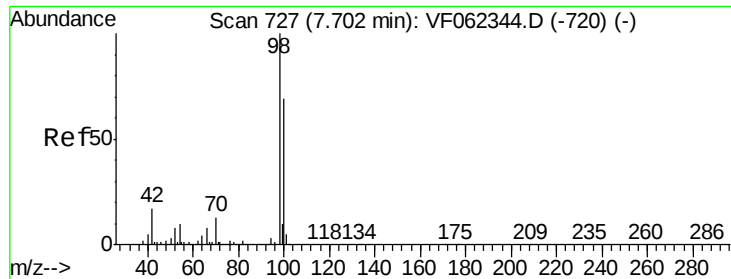
#35
 Dibromofluoromethane
 Concen: 52.314 ug/l
 RT: 4.31 min Scan# 383
 Delta R.T. 0.01 min
 Lab File: VF062460.D
 Acq: 11 May 2019 15:16

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.0	79.4	119.0
192	19.6	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

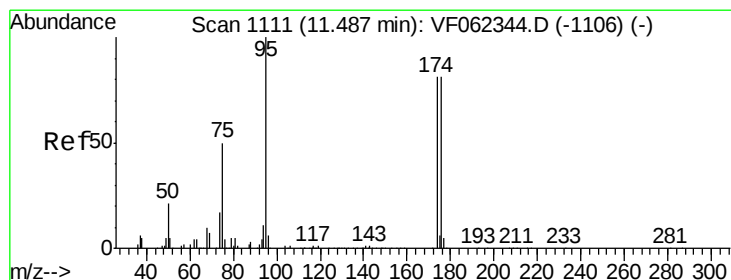
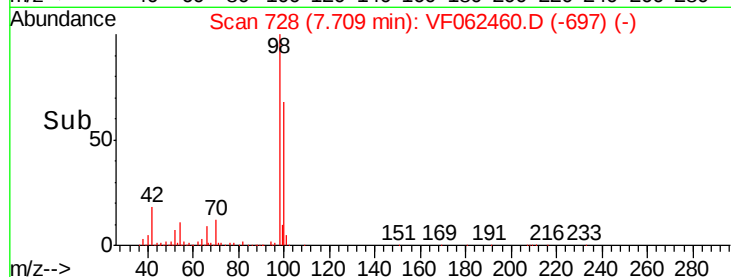
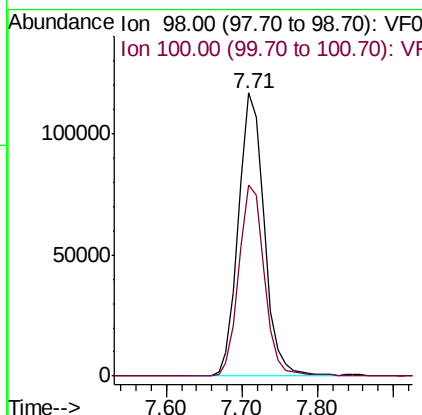
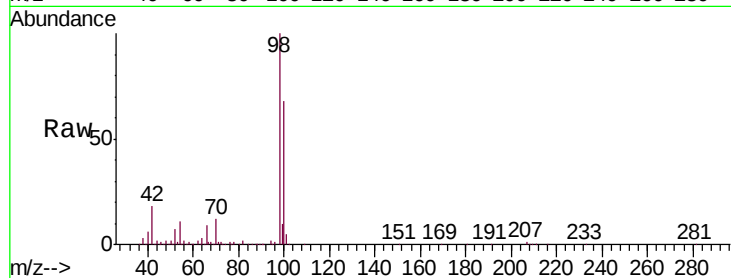




#50
Toluene-d8
Concen: 39.596 ug/l
RT: 7.71 min Scan# 728
Delta R.T. 0.01 min
Lab File: VF062460.D
Acq: 11 May 2019 15:16

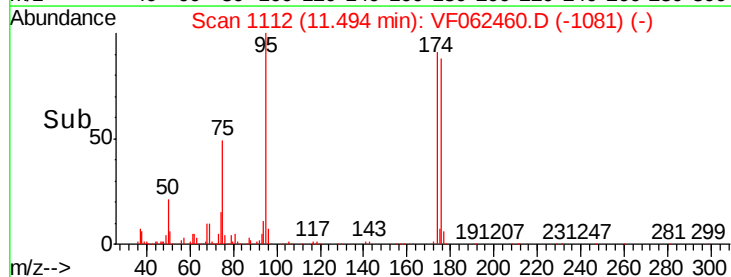
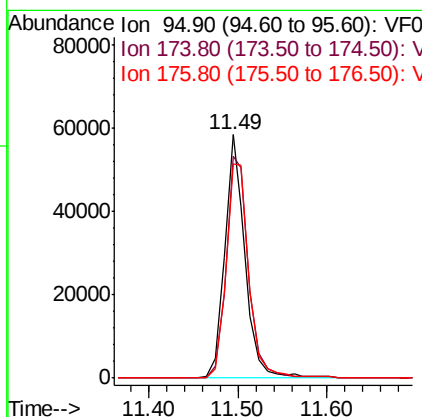
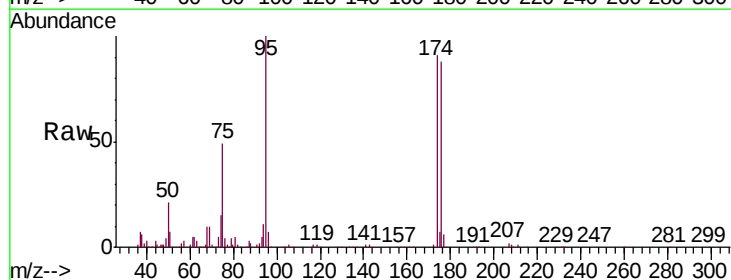
Instrument :
MSVOA_F
ClientSampleId :
P026-SS011-0612-01RE

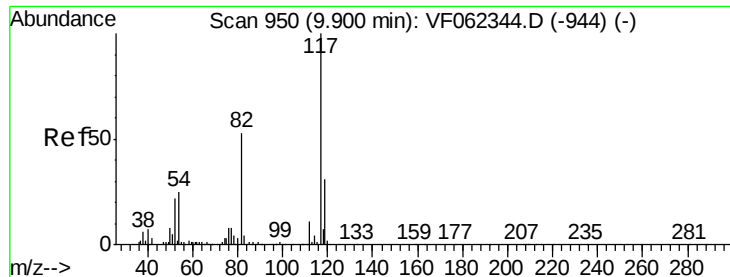
Tgt Ion: 98 Resp: 275630
Ion Ratio Lower Upper
98 100
100 67.0 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 30.008 ug/l
RT: 11.49 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VF062460.D
Acq: 11 May 2019 15:16

Tgt Ion: 95 Resp: 94243
Ion Ratio Lower Upper
95 100
174 101.3 0.0 191.8
176 99.4 0.0 193.2

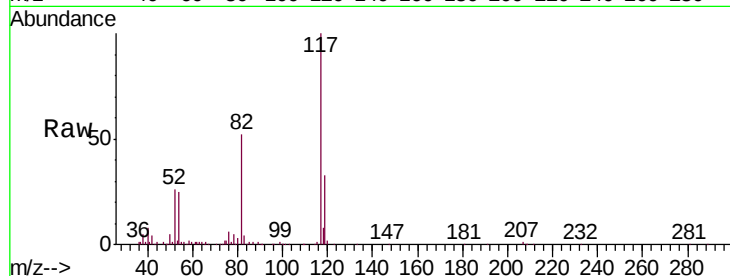




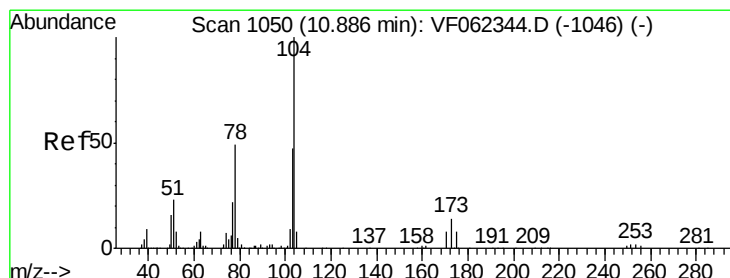
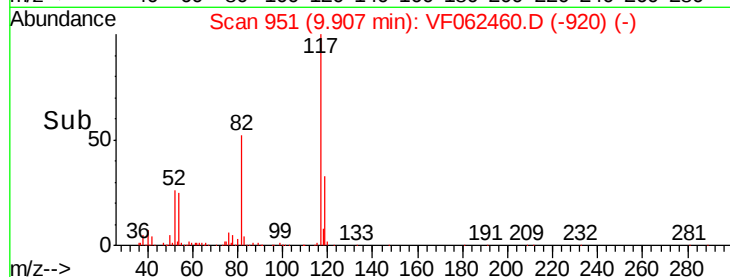
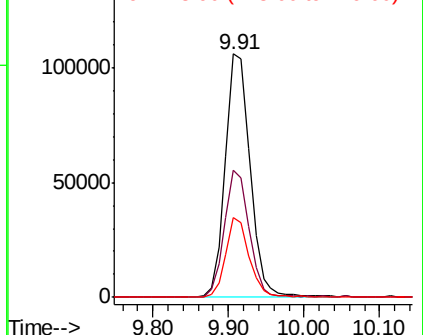
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 951
Delta R.T. 0.01 min
Lab File: VF062460.D
Acq: 11 May 2019 15:16

Instrument :
MSVOA_F
ClientSampleId :
P026-SS011-0612-01RE

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.3	42.2	63.2
119	33.0	25.0	37.4

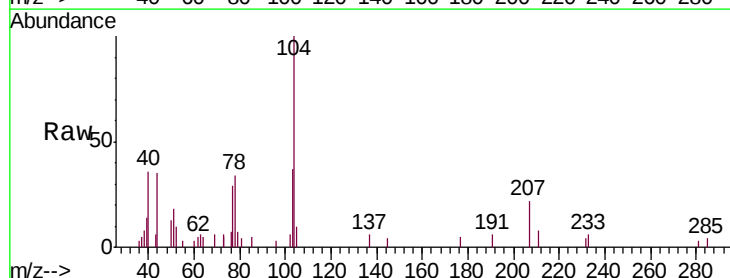


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 118.90 (118.60 to 119.60): V

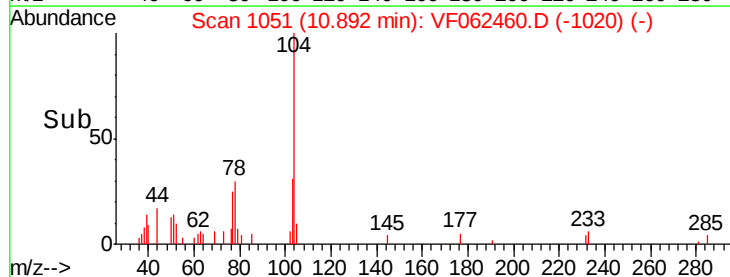
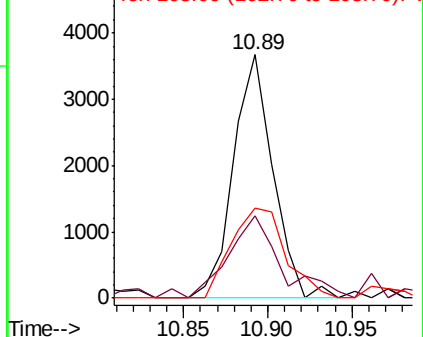


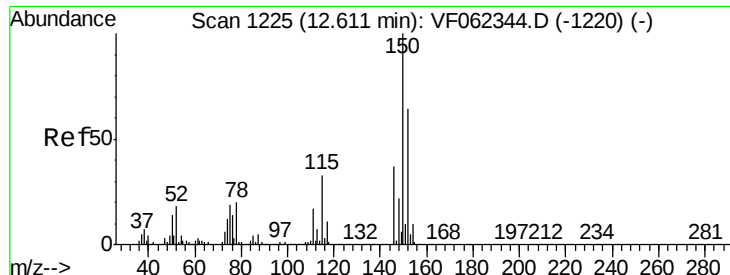
#70
Styrene
Concen: 1.422 ug/l
RT: 10.89 min Scan# 1051
Delta R.T. 0.01 min
Lab File: VF062460.D
Acq: 11 May 2019 15:16

Tgt Ion	Ratio	Lower	Upper
104	100		
78	45.9	39.5	59.3
103	51.1	38.4	57.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VF0
Ion 103.00 (102.70 to 103.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.62 min Scan# 1226

Delta R.T. 0.01 min

Lab File: VF062460.D

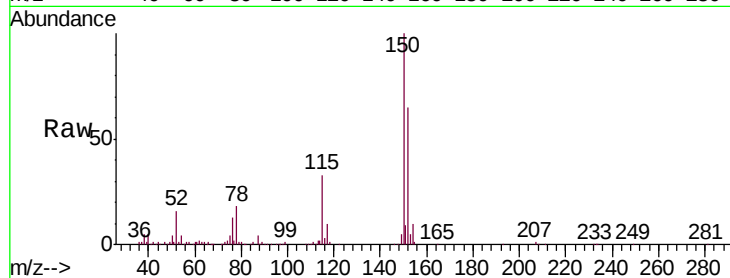
Acq: 11 May 2019 15:16

Instrument :

MSVOA_F

ClientSampleId :

P026-SS011-0612-01RE



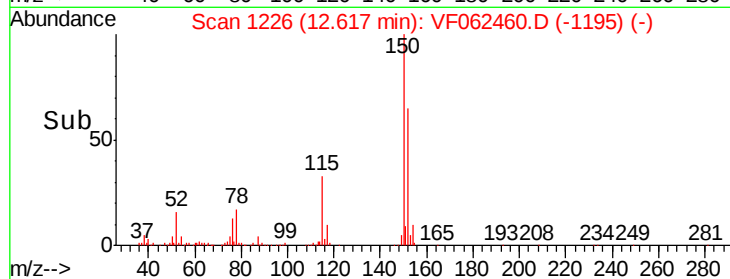
Tgt Ion:152 Resp: 93655

Ion Ratio Lower Upper

152 100

115 55.5 26.4 79.2

150 155.0 0.0 335.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

