

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031919\
 Data File : VF062026.D
 Acq On : 19 Mar 2019 19:18
 Operator : VA/AP
 Sample : K1687-11
 Misc : 5.97g/5mL/MSVOA-F/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 HR-05-031519-C

Quant Time: Mar 20 06:39:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 18 07:28:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	265563	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.58	114	418648	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.75	117	329826	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.53	152	162960	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.82	65	103817	54.31	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	108.62%	
35) Dibromofluoromethane	4.10	113	150629	53.58	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	107.16%	
50) Toluene-d8	7.53	98	353255	42.98	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	85.96%	
62) 4-Bromofluorobenzene	11.40	95	139590	42.76	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	85.52%	

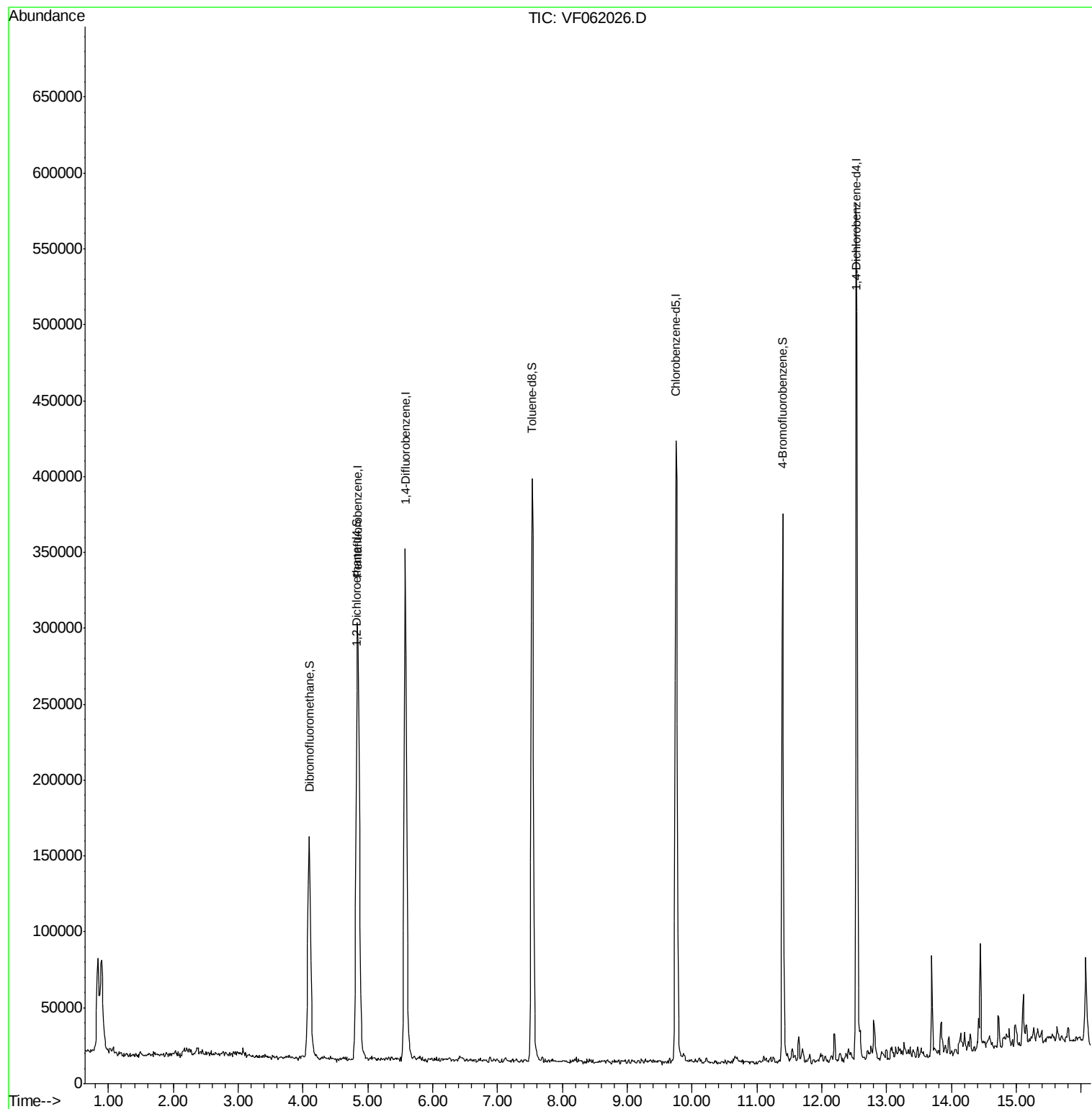
Target Compounds	Qvalue
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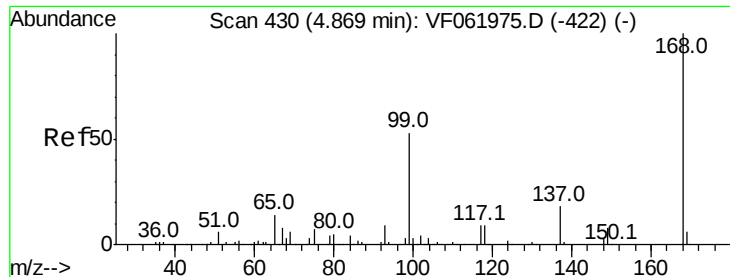
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.02 min

Lab File: VF062026.D

Acq: 19 Mar 2019 19:18

Instrument :

MSVOA_F

ClientSampleId :

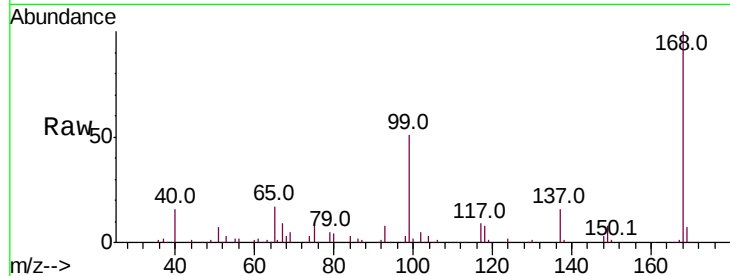
HR-05-031519-C

Tot Ion:168 Resp: 265563

Ion Ratio Lower Upper

168 100

99 51.2 42.4 63.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

80000

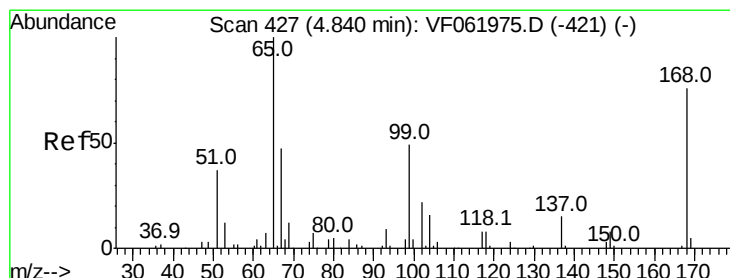
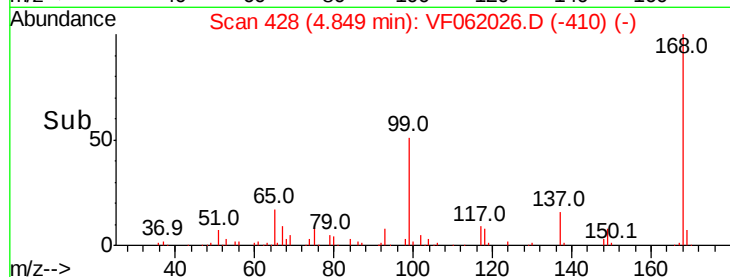
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.308 ug/l

RT: 4.82 min Scan# 425

Delta R.T. -0.02 min

Lab File: VF062026.D

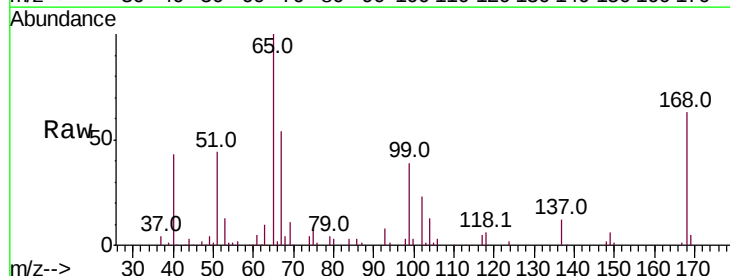
Acq: 19 Mar 2019 19:18

Tgt Ion: 65 Resp: 103817

Ion Ratio Lower Upper

65 100

67 53.8 0.0 109.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.82

40000

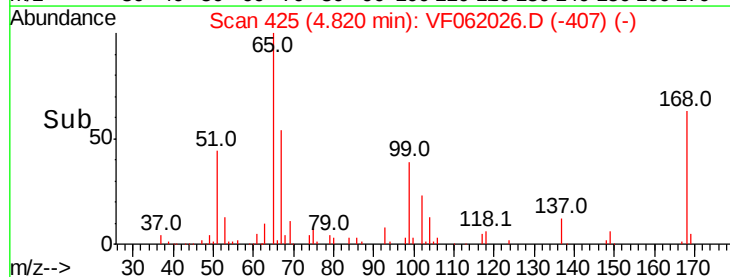
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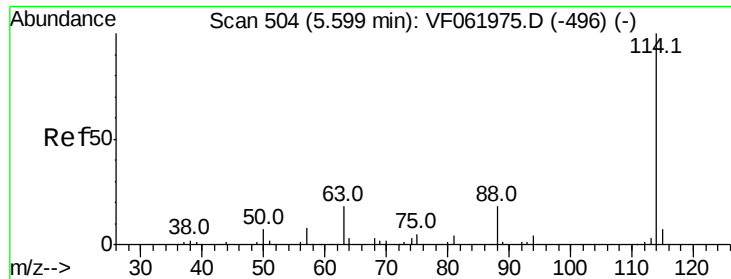
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10000

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Time-->

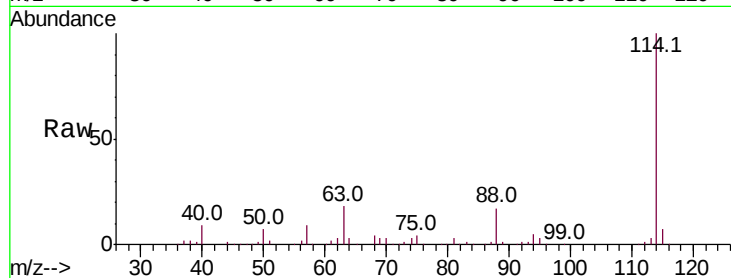




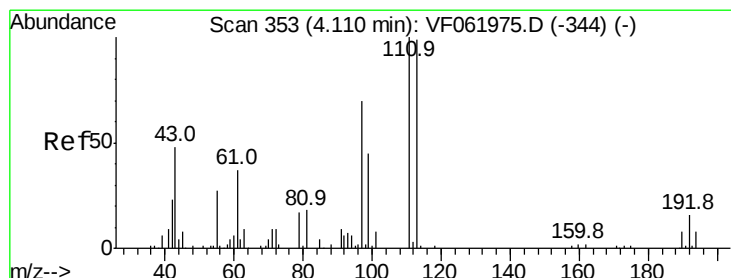
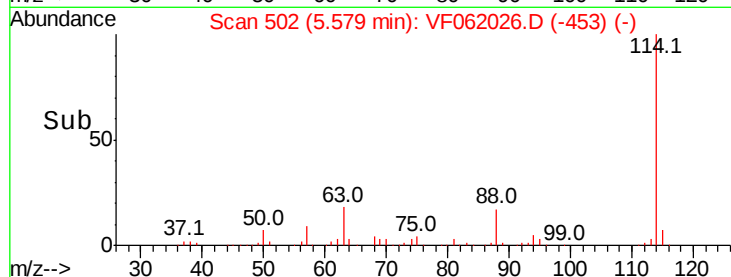
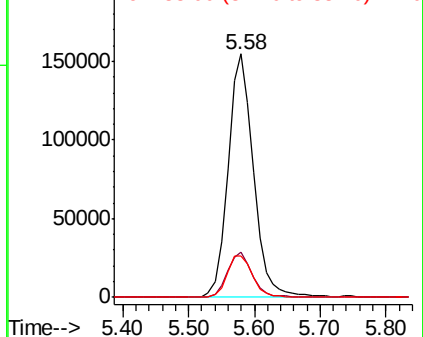
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.58 min Scan# 502
 Delta R.T. -0.02 min
 Lab File: VF062026.D
 Acq: 19 Mar 2019 19:18

Instrument :
 MSVOA_F
 ClientSampleId :
 HR-05-031519-C

Tot Ion:114 Resp: 418648
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 36.4
 88 17.0 0.0 36.4

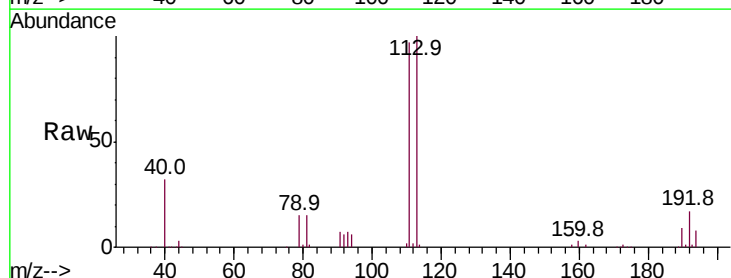


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

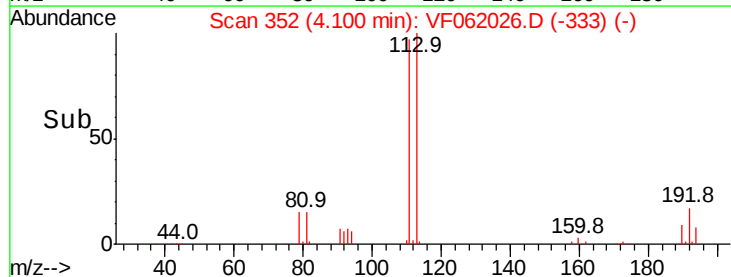
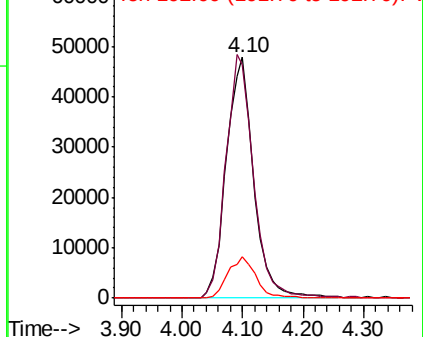


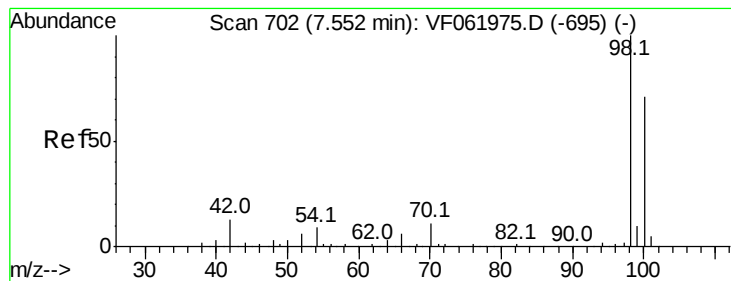
#35
 Dibromofluoromethane
 Concen: 53.580 ug/l
 RT: 4.10 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VF062026.D
 Acq: 19 Mar 2019 19:18

Tgt Ion:113 Resp: 150629
 Ion Ratio Lower Upper
 113 100
 111 96.6 80.8 121.2
 192 17.9 13.0 19.6



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: 42.984 ug/l

RT: 7.53 min Scan# 700

Delta R.T. -0.02 min

Lab File: VF062026.D

Acq: 19 Mar 2019 19:18

Instrument :

MSVOA_F

ClientSampleId :

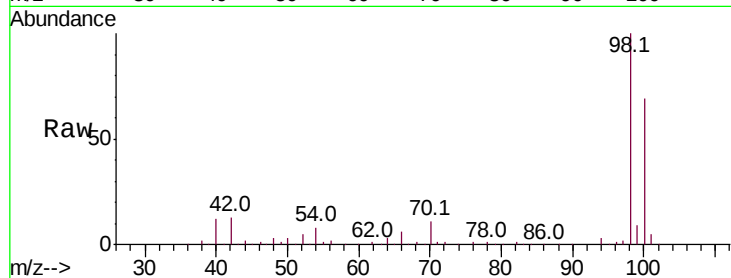
HR-05-031519-C

Tot Ion: 98 Resp: 353255

Ion Ratio Lower Upper

98 100

100 69.2 56.8 85.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

150000

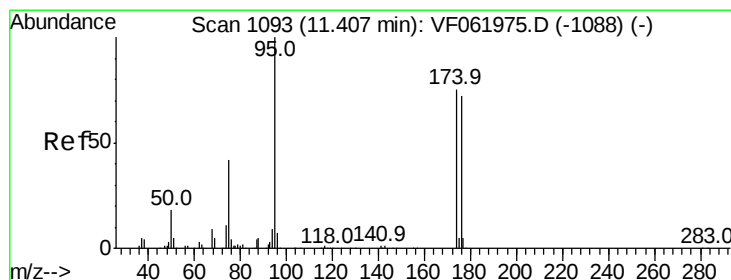
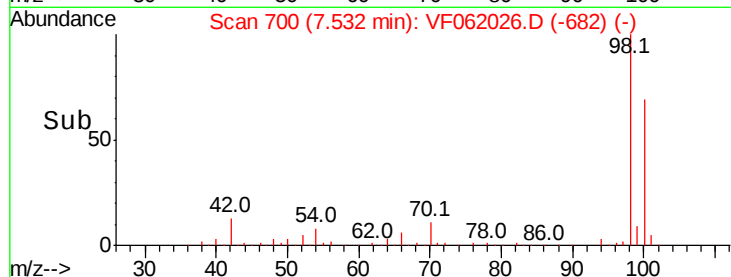
100000

50000

0

7.40 7.50 7.60 7.70

Time-->



#62

4-Bromofluorobenzene

Concen: 42.756 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VF062026.D

Acq: 19 Mar 2019 19:18

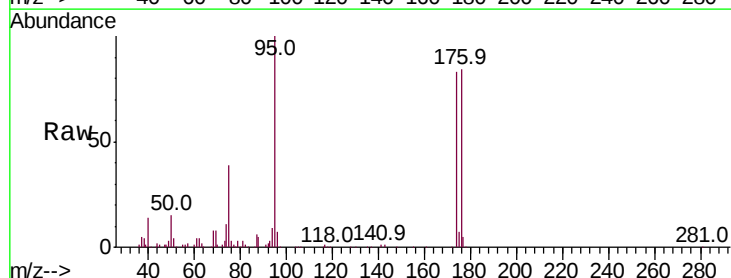
Tgt Ion: 95 Resp: 139590

Ion Ratio Lower Upper

95 100

174 83.2 0.0 149.4

176 84.4 0.0 143.4



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

100000

80000

60000

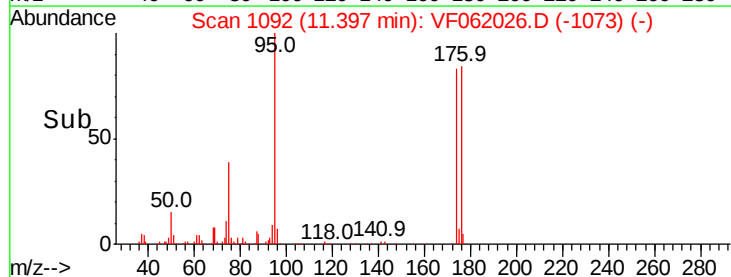
40000

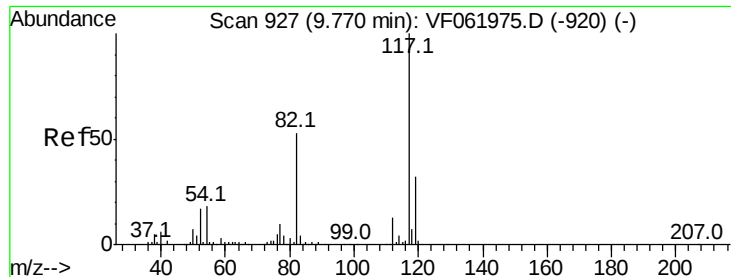
20000

0

11.30 11.40 11.50

Time-->

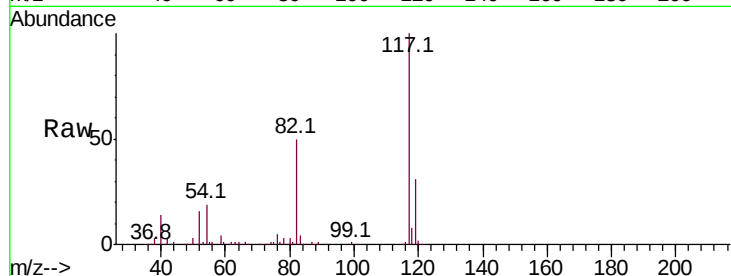




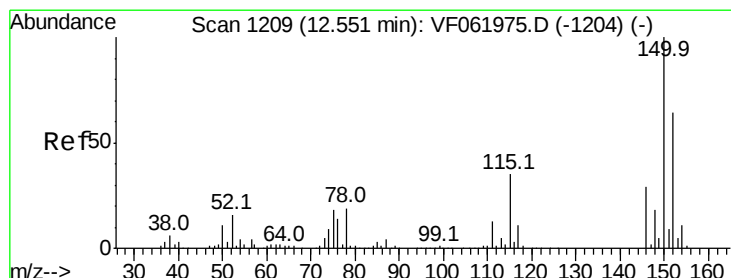
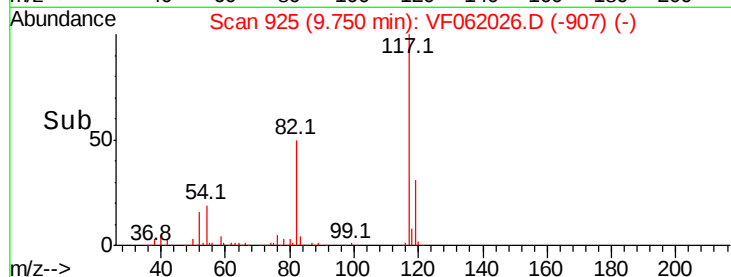
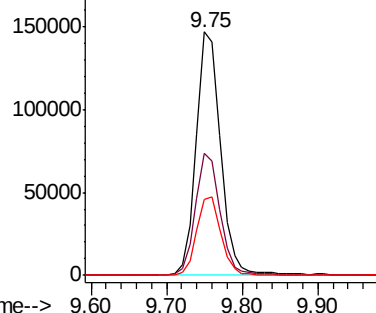
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.75 min Scan# 925
Delta R.T. -0.02 min
Lab File: VF062026.D
Acq: 19 Mar 2019 19:18

Instrument :
MSVOA_F
ClientSampleId :
HR-05-031519-C

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.1	42.5	63.7
119	31.3	25.4	38.0

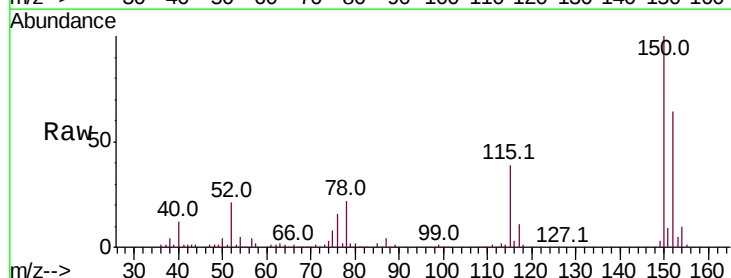


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.53 min Scan# 1207
Delta R.T. -0.02 min
Lab File: VF062026.D
Acq: 19 Mar 2019 19:18

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.4	27.3	81.9
150	157.1	0.0	316.2



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V

