

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF042919\
 Data File : VF062319.D
 Acq On : 29 Apr 2019 18:15
 Operator : FY/SY
 Sample : K2199-17RE
 Misc : 6.26g/5mL/MSVOA F/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OR-02-042919-ARE

Quant Time: Apr 30 04:27:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F042419S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 25 08:40:59 2019
 Response via : Initial Calibration

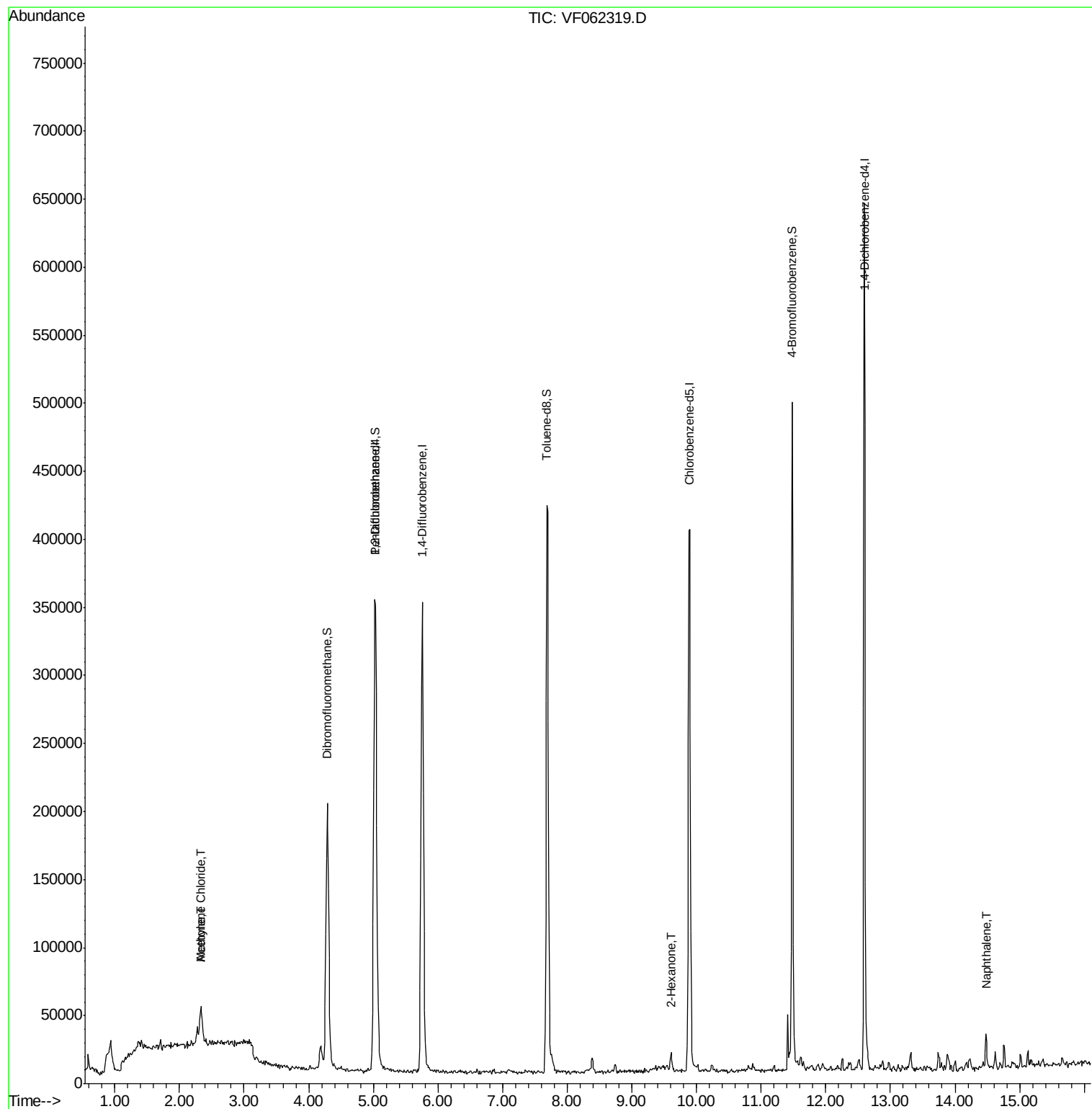
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	287474	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.75	114	396609	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.89	117	311631	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.60	152	163614	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	148984	63.98	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	127.96%	
35) Dibromofluoromethane	4.29	113	176978	60.18	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	120.36%	
50) Toluene-d8	7.69	98	373424	51.99	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	103.98%	
62) 4-Bromofluorobenzene	11.48	95	157578	53.22	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	106.44%	
Target Compounds						
16) Acetone	2.34	43	28779	55.200	ug/l #	89
20) Methylene Chloride	2.33	84	15318	1.794	ug/l #	86
59) 2-Hexanone	9.61	43	12342	2.627	ug/l	91
95) Naphthalene	14.48	128	14683	2.267	ug/l #	97

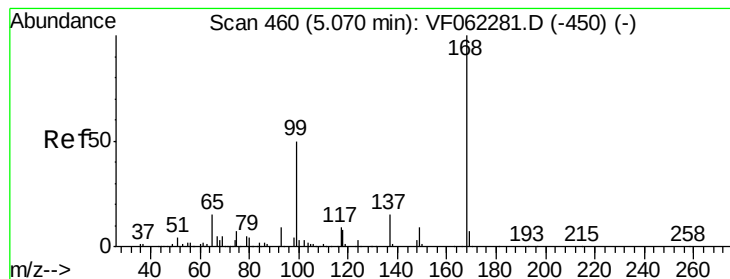
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.04 min Scan# 457

Delta R.T. -0.03 min

Lab File: VF062319.D

Acq: 29 Apr 2019 18:15

Instrument :

MSVOA_F

ClientSampleId :

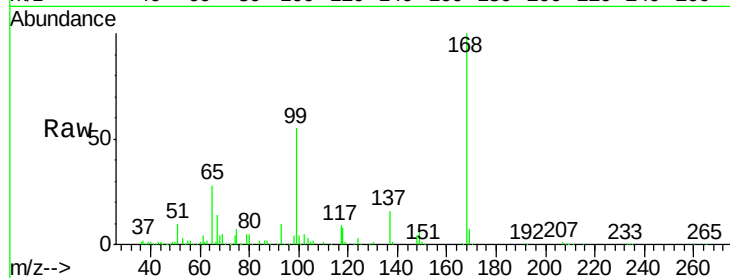
OR-02-042919-ARE

Tot Ion:168 Resp: 287474

Ion Ratio Lower Upper

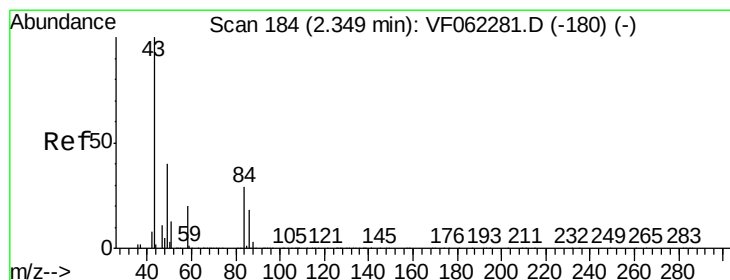
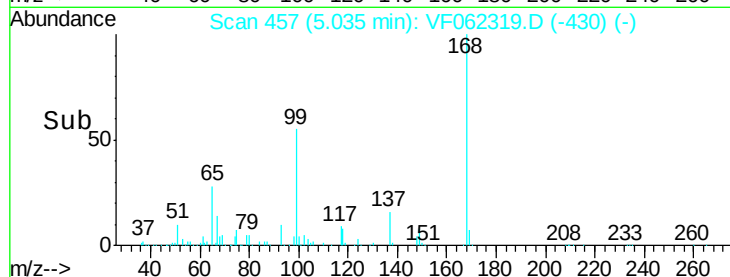
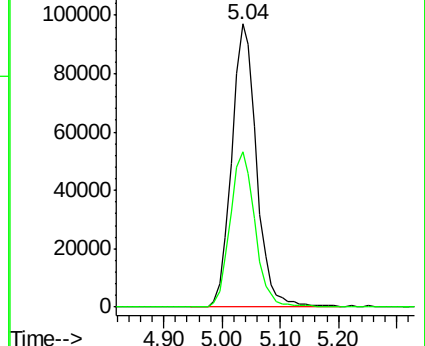
168 100

99 55.0 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VF0



#16

Acetone

Concen: 55.200 ug/l

RT: 2.34 min Scan# 184

Delta R.T. -0.01 min

Lab File: VF062319.D

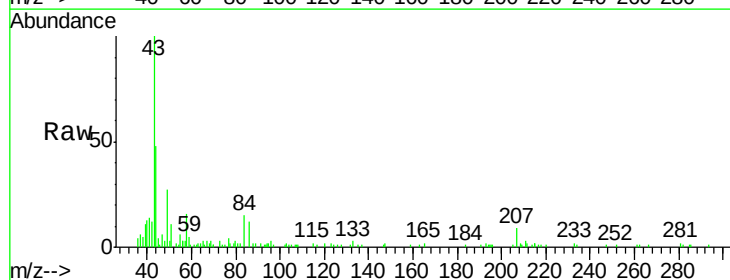
Acq: 29 Apr 2019 18:15

Tgt Ion: 43 Resp: 28779

Ion Ratio Lower Upper

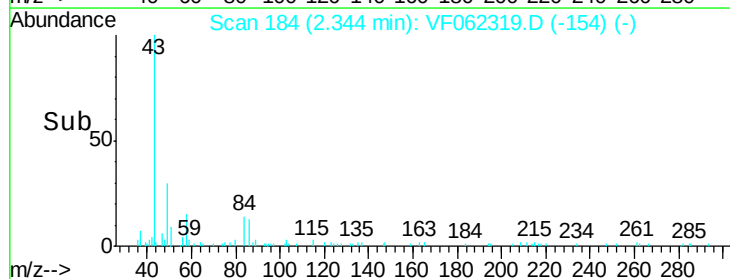
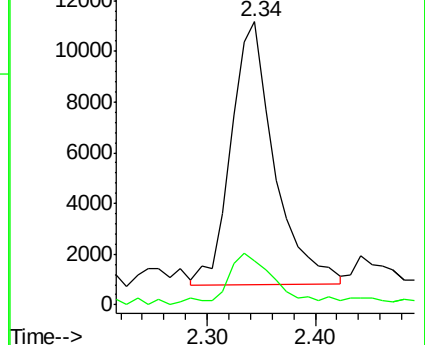
43 100

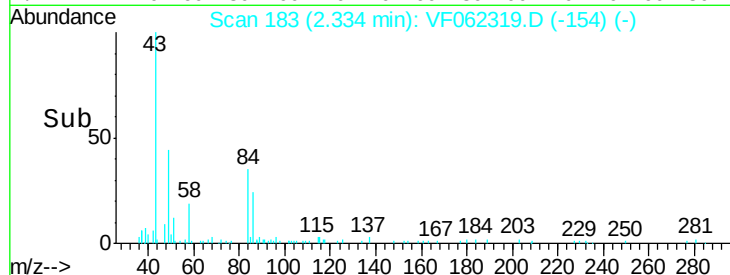
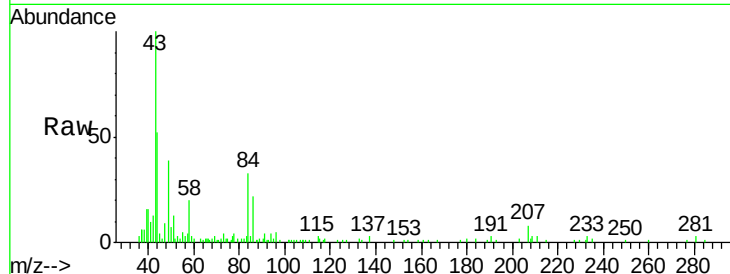
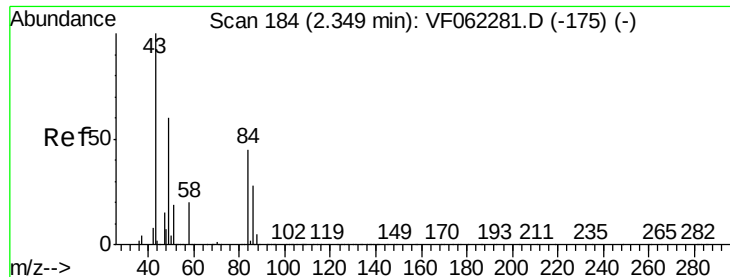
58 15.4 16.4 24.6#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

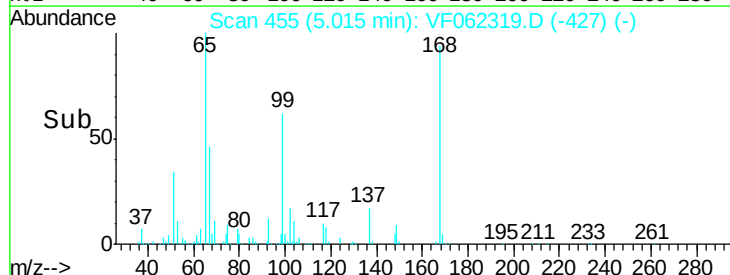
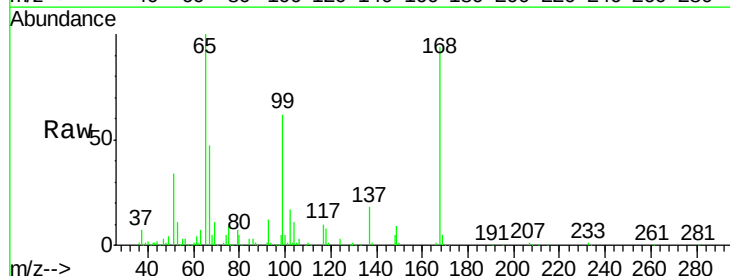
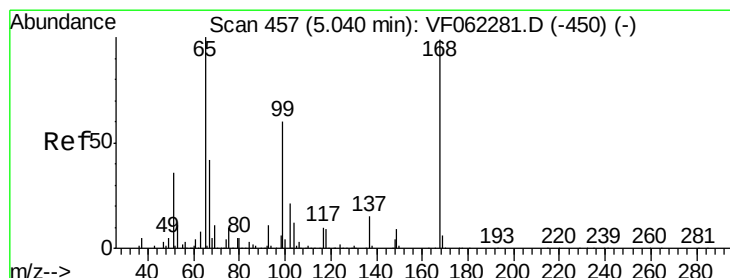
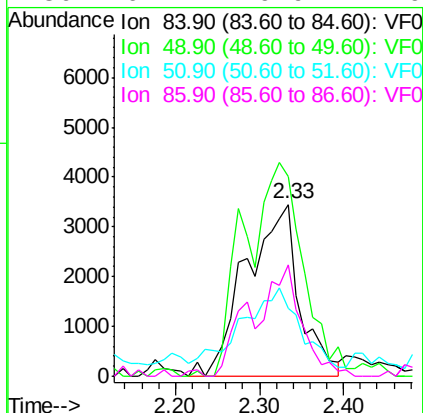




#20
Methylene Chloride
Concen: 1.794 ug/l
RT: 2.33 min Scan# 183
Delta R.T. -0.01 min
Lab File: VF062319.D
Acq: 29 Apr 2019 18:15

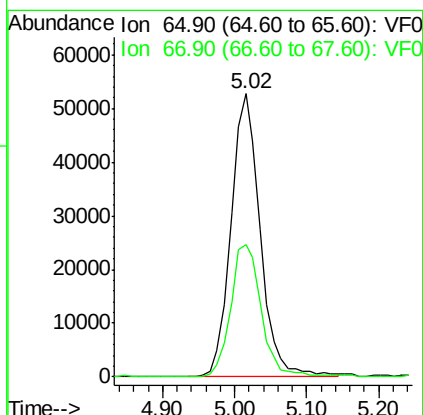
Instrument :
MSVOA_F
ClientSampleId :
OR-02-042919-ARE

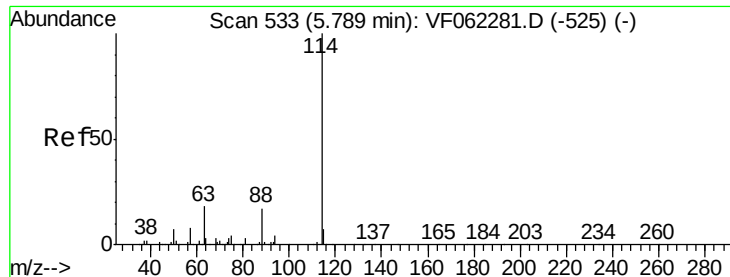
Tot Ion:	84	Resp:	15318
Ion	Ratio	Lower	Upper
84	100		
49	116.4	112.1	168.1
51	34.3	35.9	53.9#
86	62.1	49.9	74.9



#33
1,2-Dichloroethane-d4
Concen: 63.981 ug/l
RT: 5.02 min Scan# 455
Delta R.T. -0.02 min
Lab File: VF062319.D
Acq: 29 Apr 2019 18:15

Tgt Ion:	65	Resp:	148984
Ion	Ratio	Lower	Upper
65	100		
67	49.2	0.0	98.8

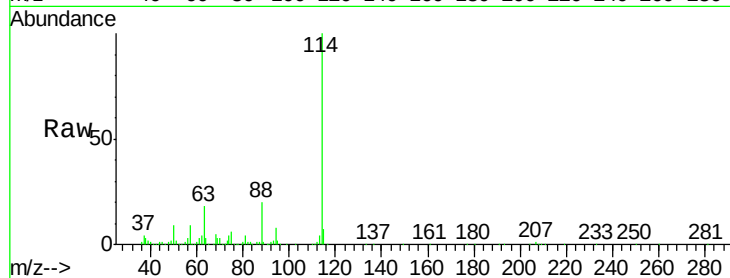




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.75 min Scan# 530
 Delta R.T. -0.03 min
 Lab File: VF062319.D
 Acq: 29 Apr 2019 18:15

Instrument :
 MSVOA_F
 ClientSampleId :
 OR-02-042919-ARE

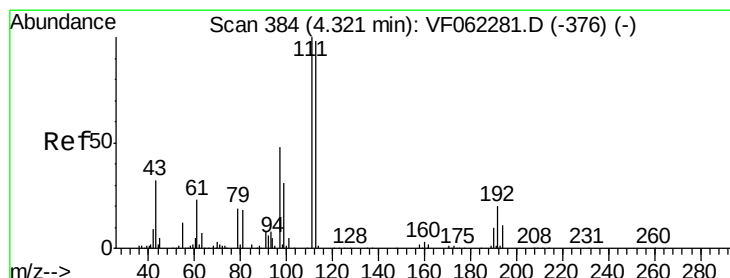
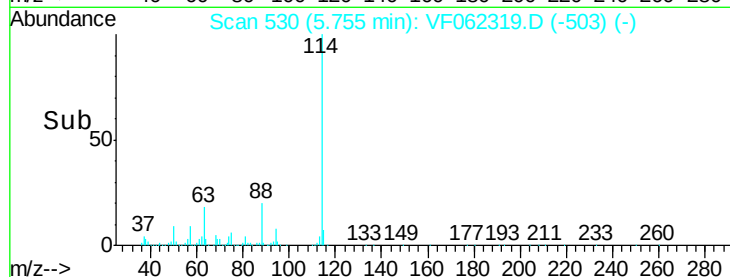
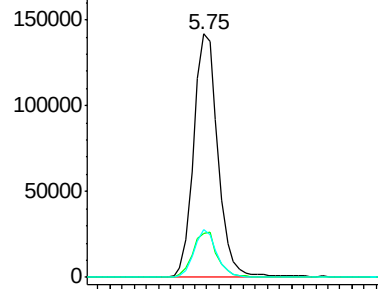
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	35.6
88	19.6	0.0	34.6



Abundance Ion 113.90 (113.60 to 114.60): V

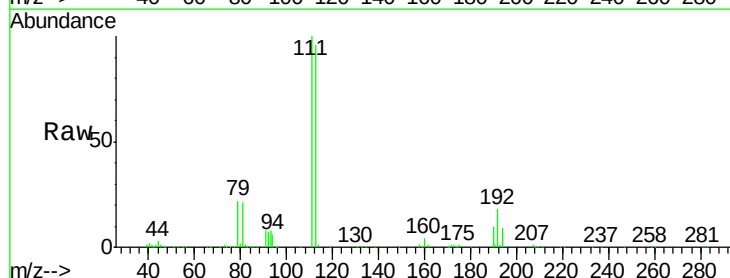
Ion 63.00 (62.70 to 63.70): VF0

Ion 87.90 (87.60 to 88.60): VF0



#35
 Dibromofluoromethane
 Concen: 60.183 ug/l
 RT: 4.29 min Scan# 381
 Delta R.T. -0.03 min
 Lab File: VF062319.D
 Acq: 29 Apr 2019 18:15

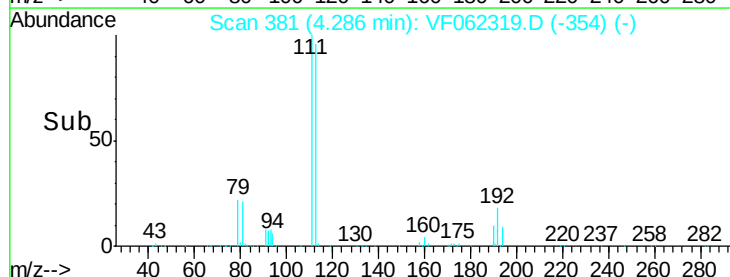
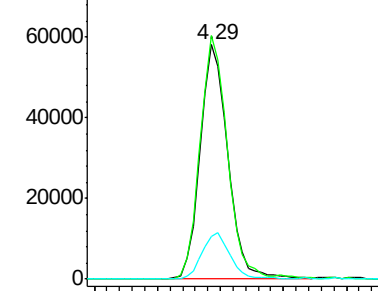
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.4	122.2
192	20.0	17.0	25.4

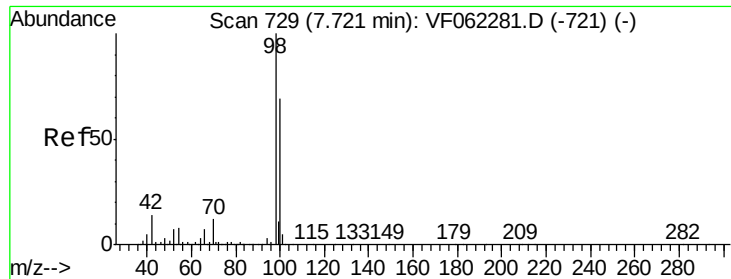


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

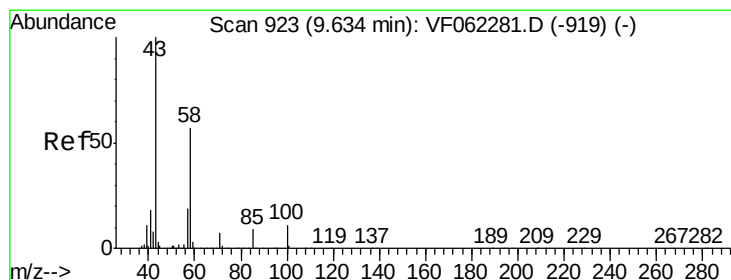
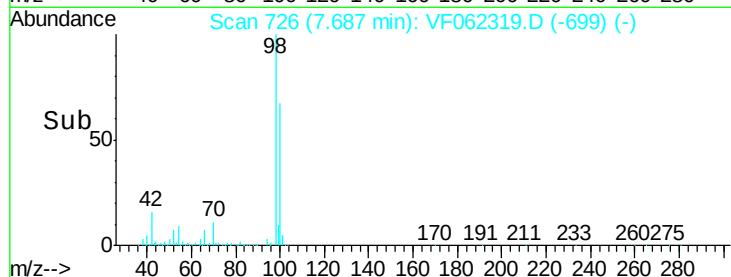
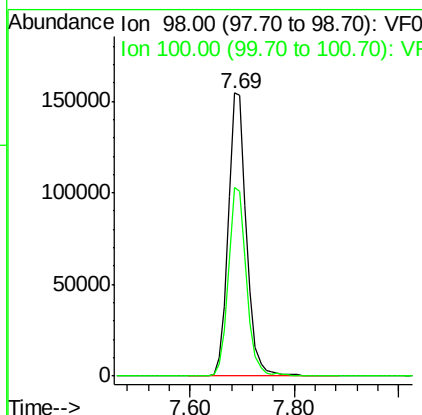
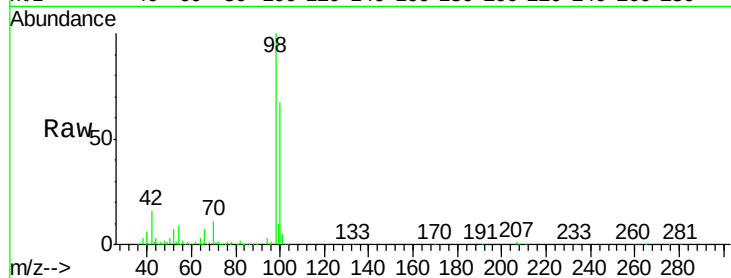




#50
Toluene-d8
Concen: 51.988 ug/l
RT: 7.69 min Scan# 726
Delta R.T. -0.03 min
Lab File: VF062319.D
Acq: 29 Apr 2019 18:15

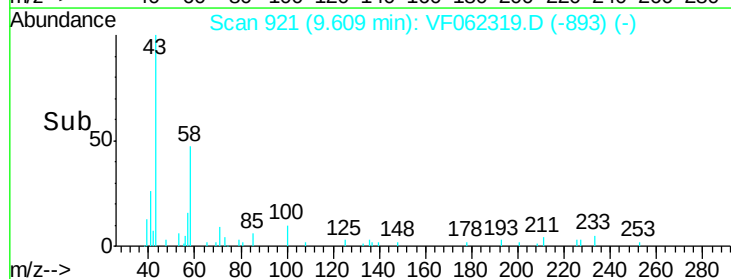
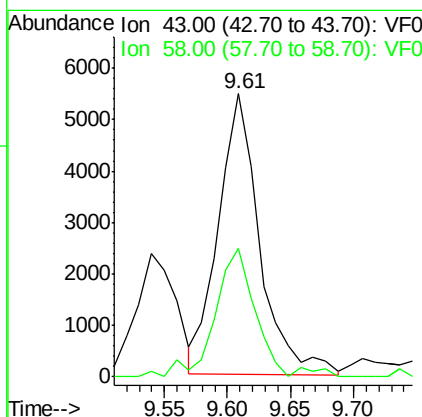
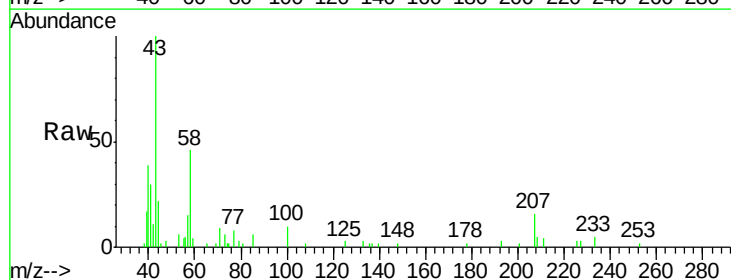
Instrument :
MSVOA_F
ClientSampleId :
OR-02-042919-ARE

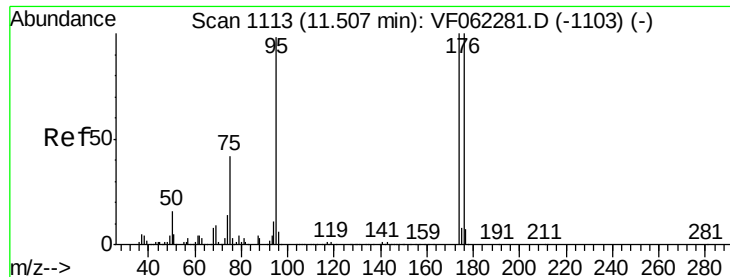
Tot Ion: 98 Resp: 373424
Ion Ratio Lower Upper
98 100
100 66.0 54.4 81.6



#59
2-Hexanone
Concen: 2.627 ug/l
RT: 9.61 min Scan# 921
Delta R.T. -0.02 min
Lab File: VF062319.D
Acq: 29 Apr 2019 18:15

Tgt Ion: 43 Resp: 12342
Ion Ratio Lower Upper
43 100
58 43.9 24.9 74.7





#62

4-Bromofluorobenzene

Concen: 53.224 ug/l

RT: 11.48 min Scan# 1111

Delta R.T. -0.02 min

Lab File: VF062319.D

Acq: 29 Apr 2019 18:15

Instrument :

MSVOA_F

ClientSampleId :

OR-02-042919-ARE

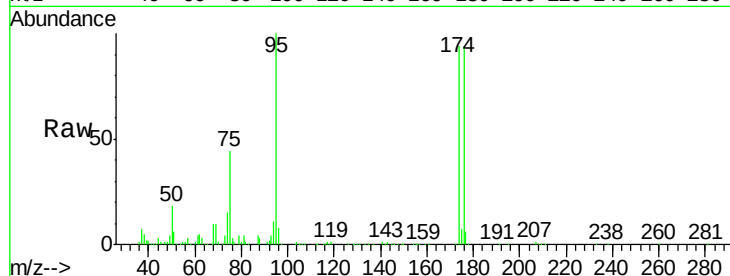
Tot Ion: 95 Resp: 157578

Ion Ratio Lower Upper

95 100

174 95.7 0.0 185.2

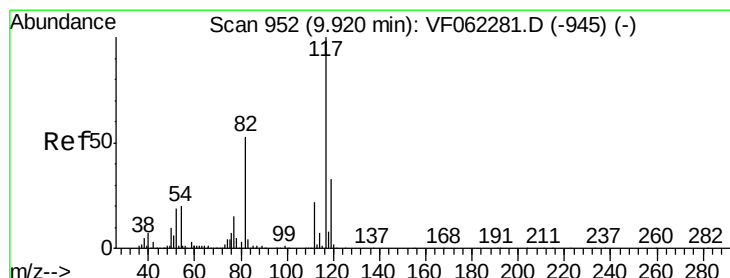
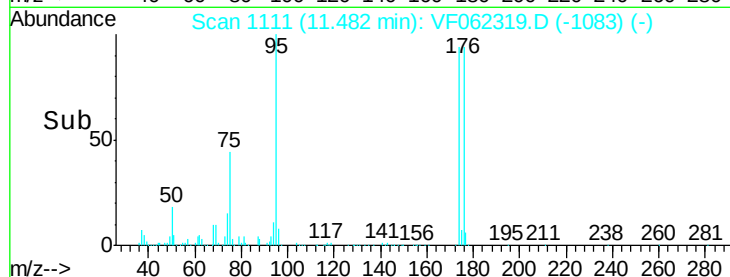
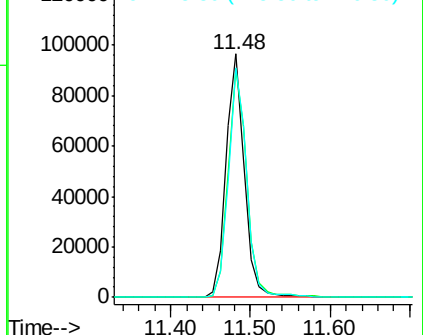
176 94.5 0.0 184.8



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.89 min Scan# 950

Delta R.T. -0.02 min

Lab File: VF062319.D

Acq: 29 Apr 2019 18:15

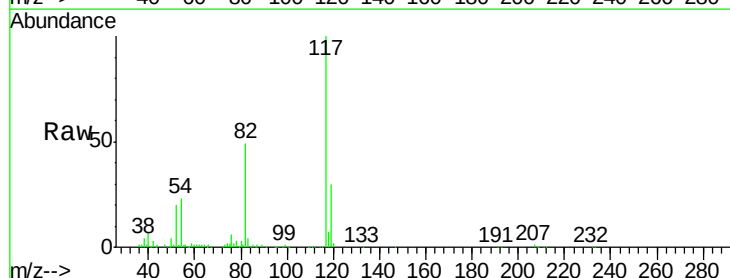
Tgt Ion: 117 Resp: 311631

Ion Ratio Lower Upper

117 100

82 49.4 42.6 64.0

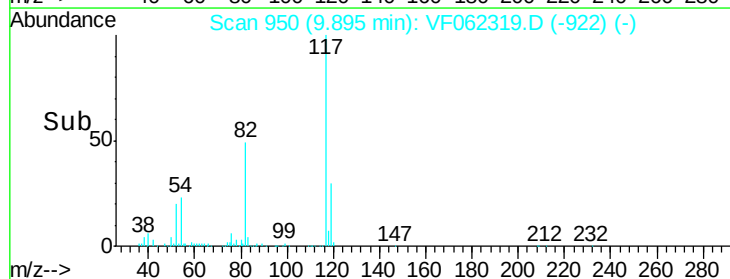
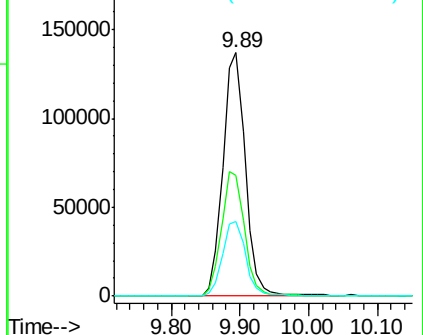
119 30.4 26.1 39.1

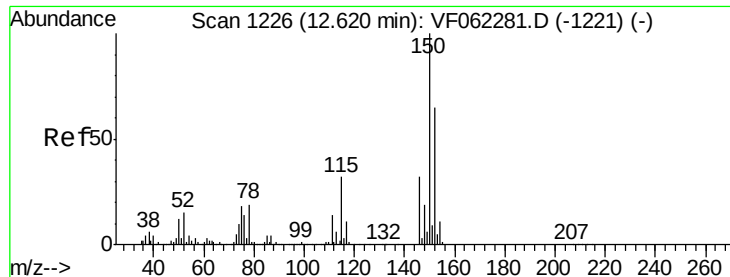


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 118.90 (118.60 to 119.60): V



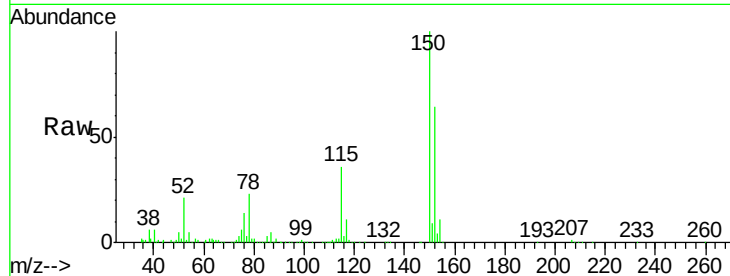


#72

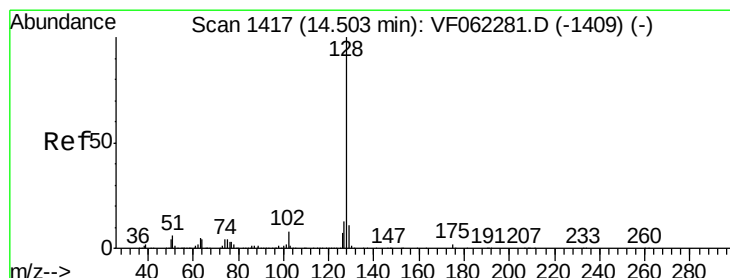
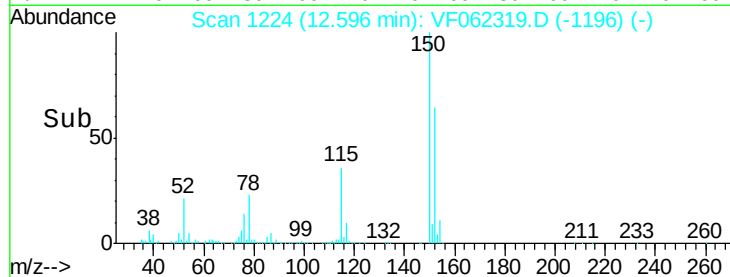
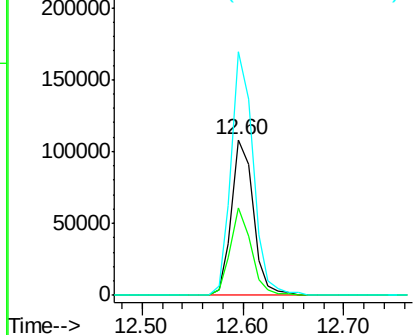
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.60 min Scan# 1224
Delta R.T. -0.02 min
Lab File: VF062319.D
Acq: 29 Apr 2019 18:15

Instrument :
MSVOA_F
ClientSampleId :
OR-02-042919-ARE

Tot Ion:152 Resp: 163614
Ion Ratio Lower Upper
152 100
115 54.5 25.6 76.8
150 158.0 0.0 330.6



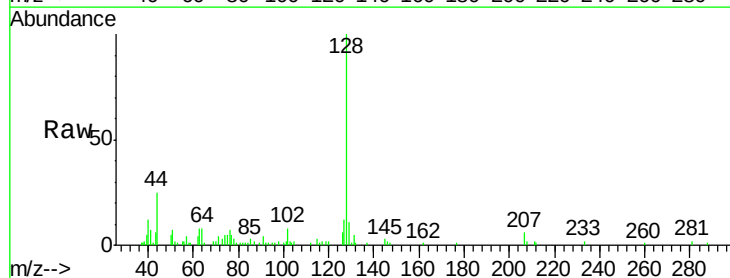
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 2.267 ug/l
RT: 14.48 min Scan# 1415
Delta R.T. -0.02 min
Lab File: VF062319.D
Acq: 29 Apr 2019 18:15

Tgt Ion:128 Resp: 14683
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 13.5 8.9 13.3#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

