

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060619\
 Data File : VF062879.D
 Acq On : 6 Jun 2019 13:35
 Operator : FY/SY
 Sample : K3156-01
 Misc : 6.77g/5mL/MSVOA F/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 HD-02-060519

Quant Time: Jun 07 01:56:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 04:18:30 2019
 Response via : Initial Calibration

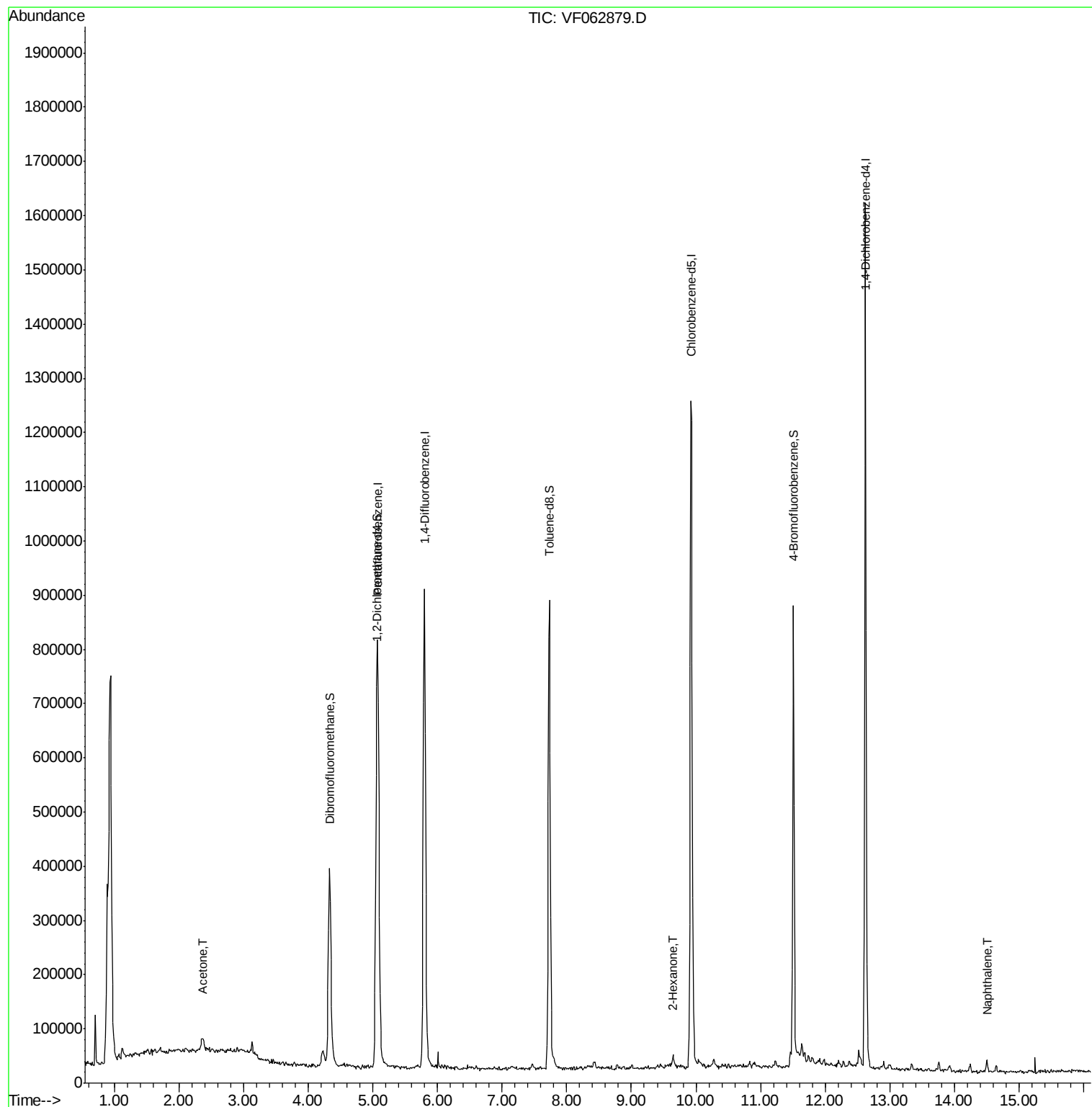
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	708284	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.80	114	1184027	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	995109	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	410770	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	199946	40.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.64%	
35) Dibromofluoromethane	4.33	113	373513	41.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.50%	
50) Toluene-d8	7.73	98	784937	34.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.38%	
62) 4-Bromofluorobenzene	11.51	95	303853	37.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.68%	
Target Compounds						
16) Acetone	2.36	43	29977	26.741	ug/l	98
59) 2-Hexanone	9.65	43	22416	8.003	ug/l	95
95) Naphthalene	14.51	128	16709	1.331	ug/l #	93

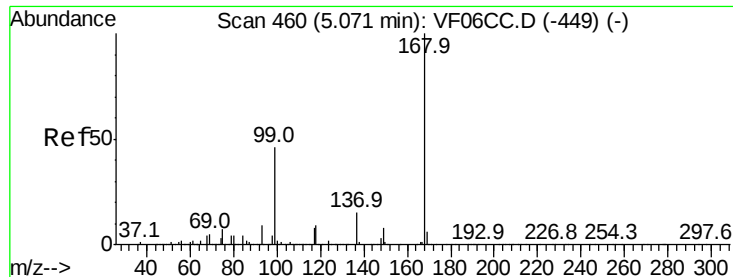
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.07 min Scan# 460

Delta R.T. -0.00 min

Lab File: VF062879.D

Acq: 6 Jun 2019 13:35

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MSVOA_F

ClientSampleId :

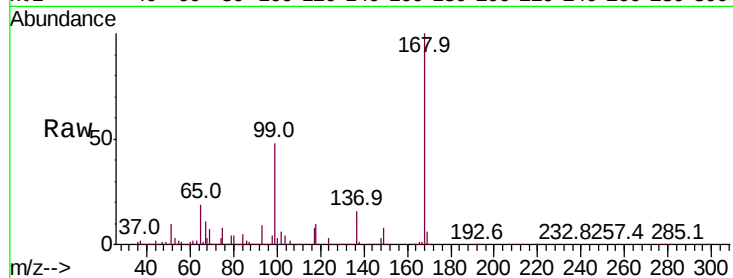
HD-02-060519

Tot Ion:168 Resp: 708284

Ion Ratio Lower Upper

168 100

99 48.3 39.1 58.7



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.07

250000

200000

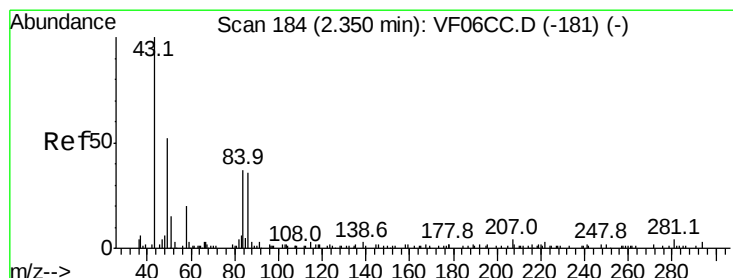
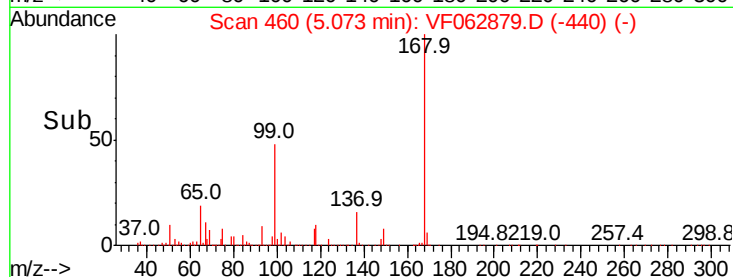
150000

100000

50000

0

Time--> 4.90 5.00 5.10 5.20 5.30



#16

Acetone

Concen: 26.741 ug/l

RT: 2.36 min Scan# 185

Delta R.T. -0.00 min

Lab File: VF062879.D

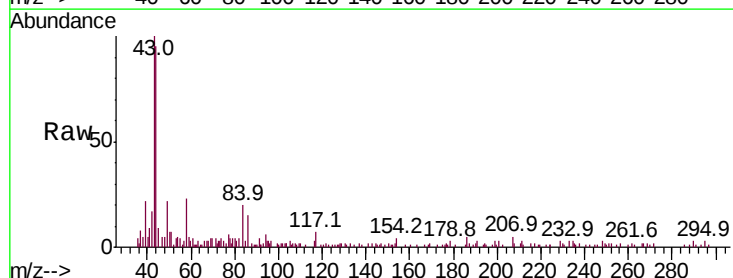
Acq: 6 Jun 2019 13:35

Tgt Ion: 43 Resp: 29977

Ion Ratio Lower Upper

43 100

58 22.6 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.36

12000

10000

8000

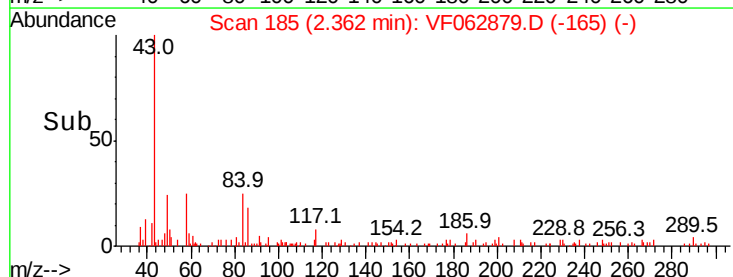
6000

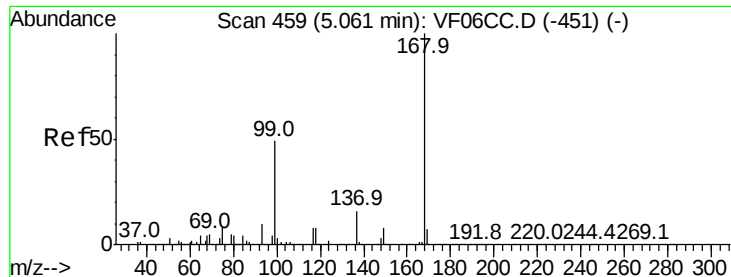
4000

2000

0

Time--> 2.30 2.35 2.40 2.45





#33

1,2-Dichloroethane-d4

Concen: 40.823 ug/l

RT: 5.05 min Scan# 458

Delta R.T. -0.00 min

Lab File: VF062879.D

Acq: 6 Jun 2019 13:35

Instrument :

MSVOA_F

ClientSampleId :

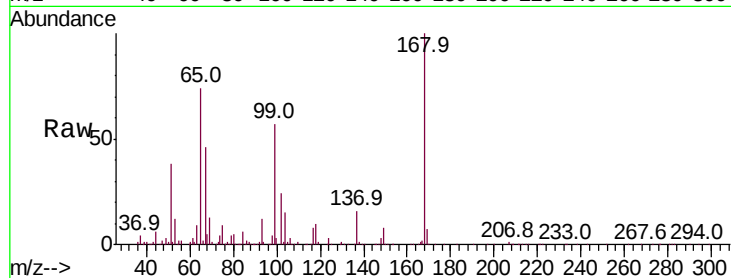
HD-02-060519

Tot Ion: 65 Resp: 199946

Ion Ratio Lower Upper

65 100

67 62.0 0.0 121.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

80000

60000

40000

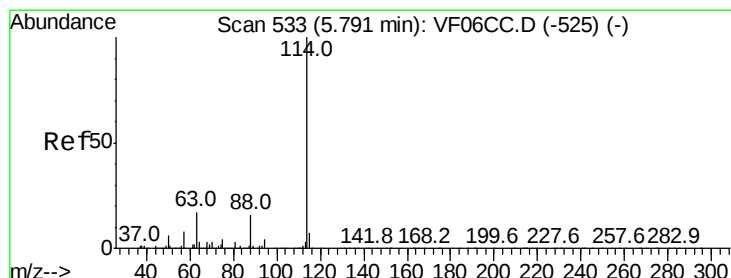
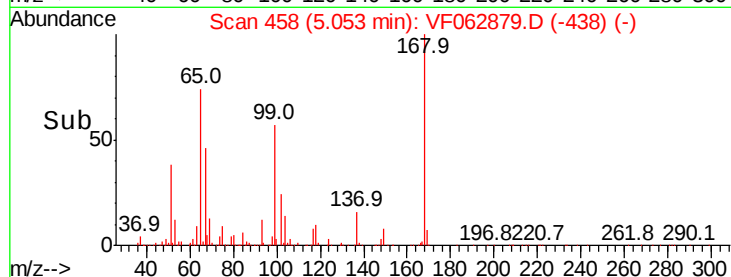
20000

0

5.05

4.90 5.00 5.10 5.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.80 min Scan# 534

Delta R.T. -0.00 min

Lab File: VF062879.D

Acq: 6 Jun 2019 13:35

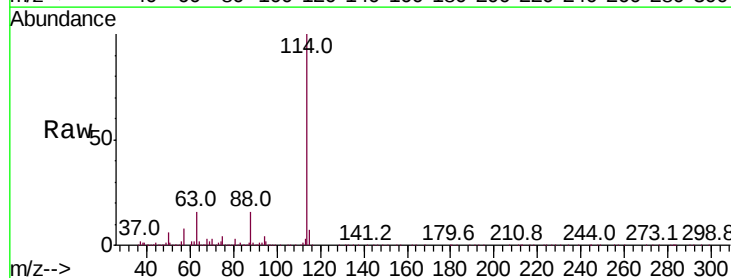
Tgt Ion: 114 Resp: 1184027

Ion Ratio Lower Upper

114 100

63 16.1 0.0 34.2

88 16.0 0.0 31.2



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

600000

500000

400000

300000

200000

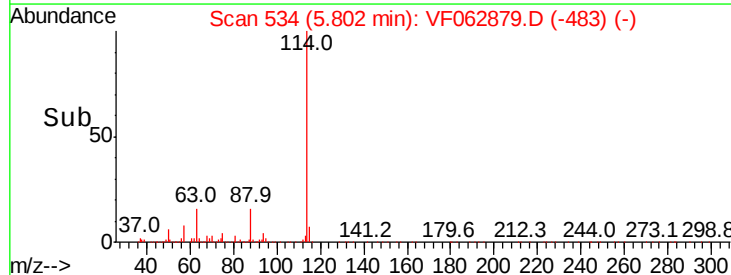
100000

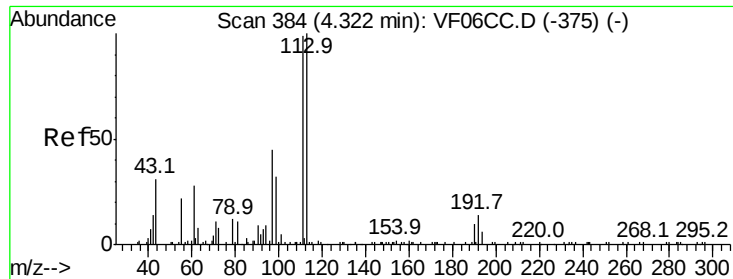
0

5.80

5.60 5.70 5.80 5.90 6.00

Time-->

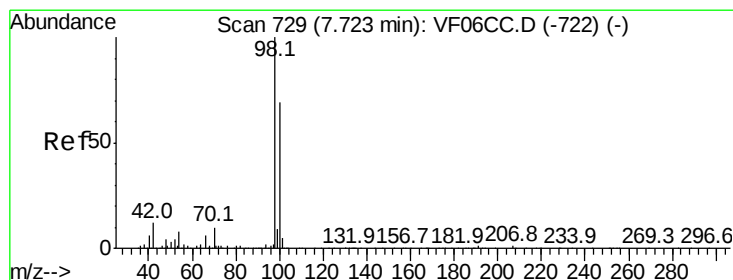
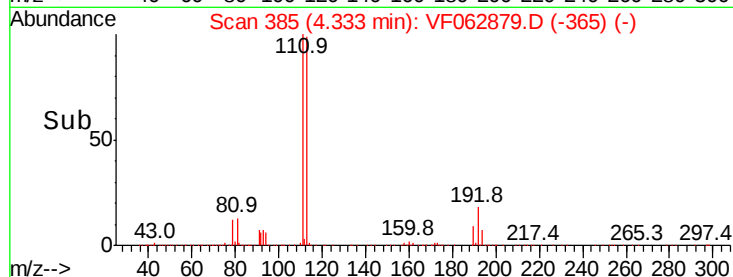
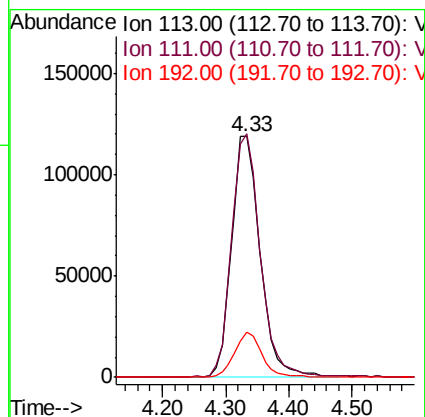
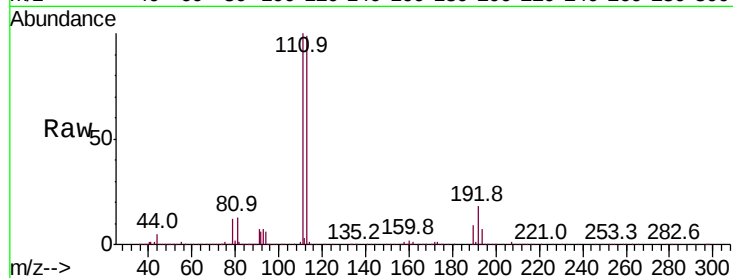




#35
Dibromofluoromethane
Concen: 41.747 ug/l
RT: 4.33 min Scan# 385
Delta R.T. -0.00 min
Lab File: VF062879.D
Acq: 6 Jun 2019 13:35

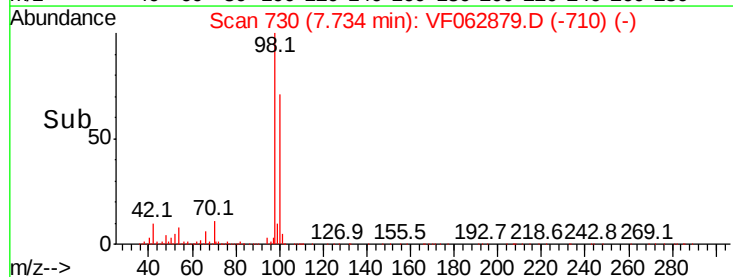
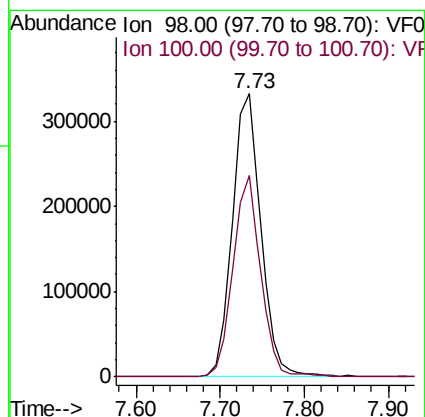
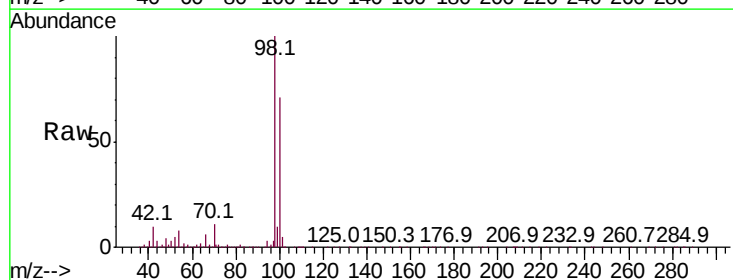
Instrument :
MSVOA_F
ClientSampleId :
HD-02-060519

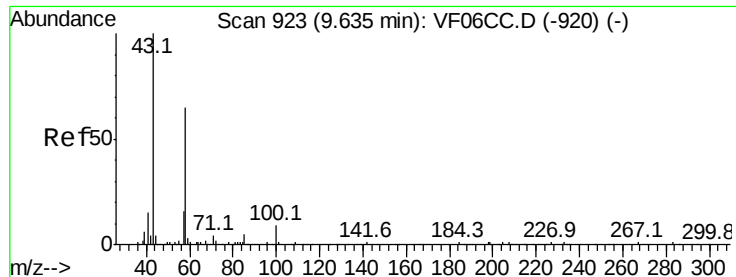
Tot Ion:113 Resp: 373513
Ion Ratio Lower Upper
113 100
111 101.1 81.9 122.9
192 18.9 15.1 22.7



#50
Toluene-d8
Concen: 34.693 ug/l
RT: 7.73 min Scan# 730
Delta R.T. -0.00 min
Lab File: VF062879.D
Acq: 6 Jun 2019 13:35

Tgt Ion: 98 Resp: 784937
Ion Ratio Lower Upper
98 100
100 71.2 59.8 89.8

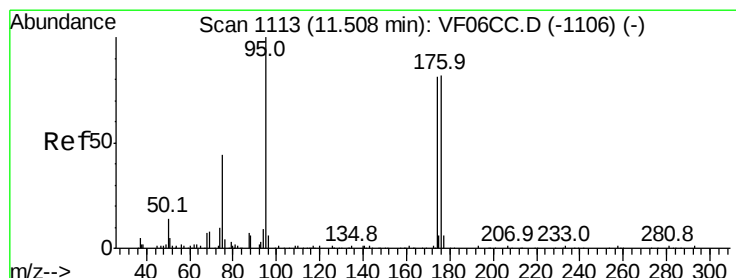
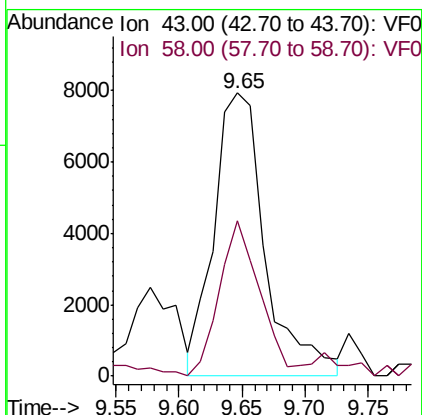
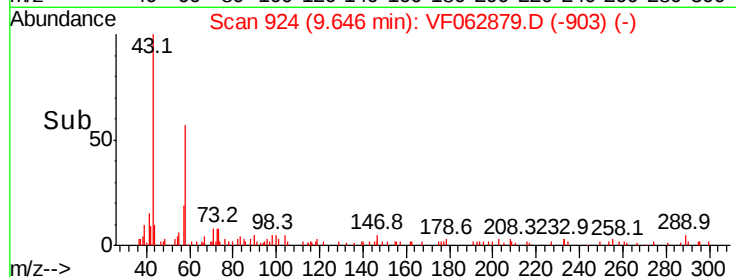
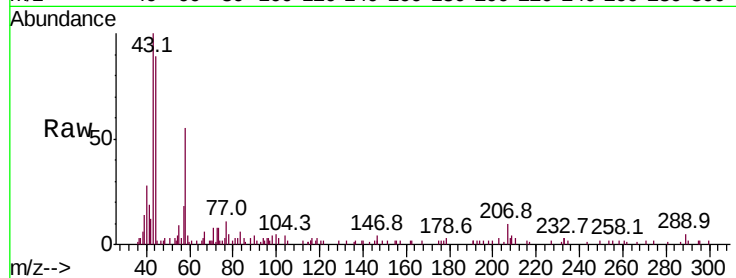




#59
 2-Hexanone
 Concen: 8.003 ug/l
 RT: 9.65 min Scan# 924
 Delta R.T. 0.01 min
 Lab File: VF062879.D
 Acq: 6 Jun 2019 13:35

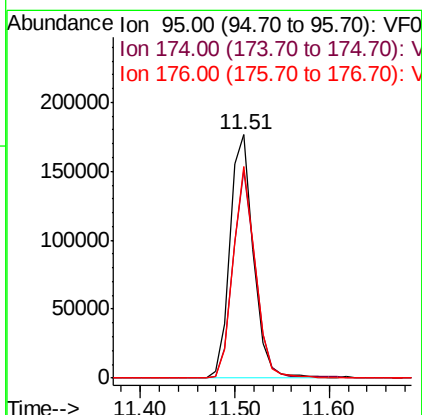
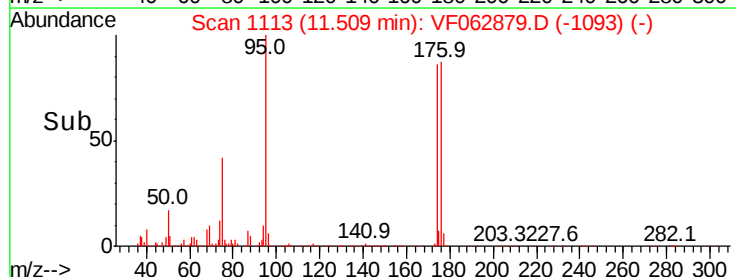
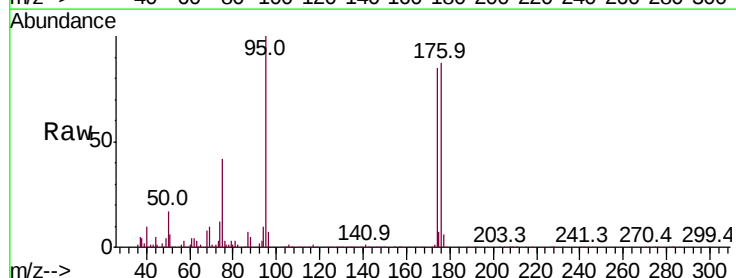
Instrument :
 MSVOA_F
 ClientSampleId :
 HD-02-060519

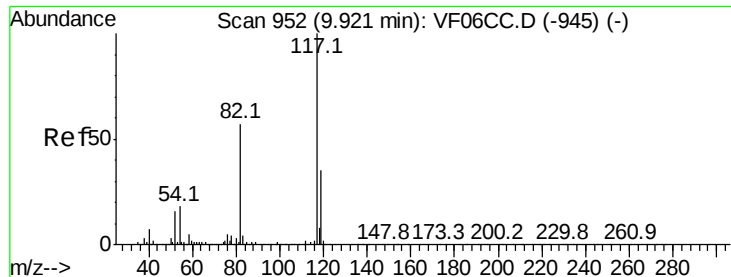
Tot Ion: 43 Resp: 22416
 Ion Ratio Lower Upper
 43 100
 58 55.0 29.3 87.9



#62
 4-Bromofluorobenzene
 Concen: 37.335 ug/l
 RT: 11.51 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: VF062879.D
 Acq: 6 Jun 2019 13:35

Tgt Ion: 95 Resp: 303853
 Ion Ratio Lower Upper
 95 100
 174 85.4 0.0 170.6
 176 87.0 0.0 170.6

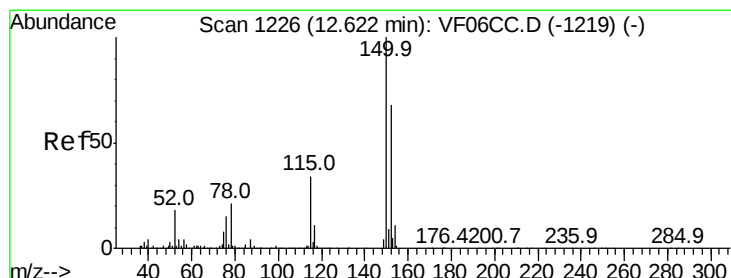
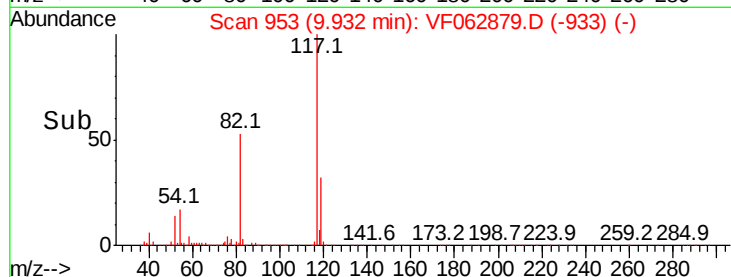
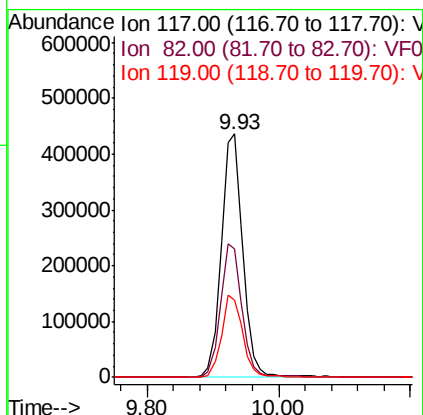
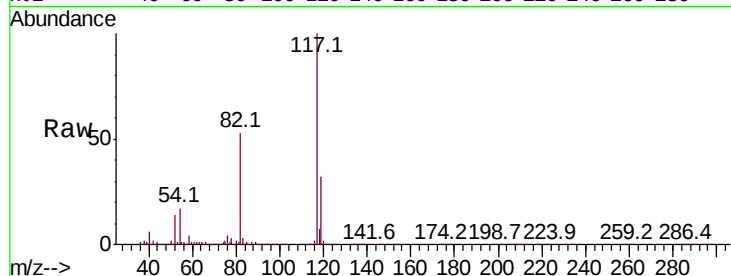




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. -0.00 min
Lab File: VF062879.D
Acq: 6 Jun 2019 13:35

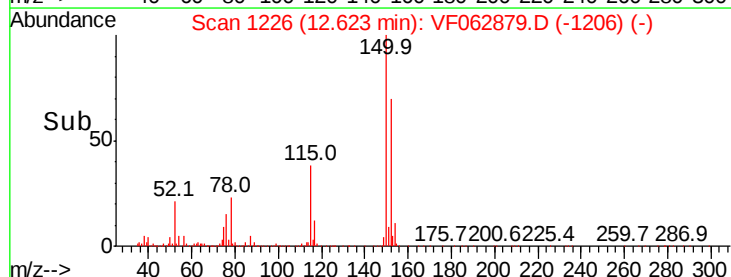
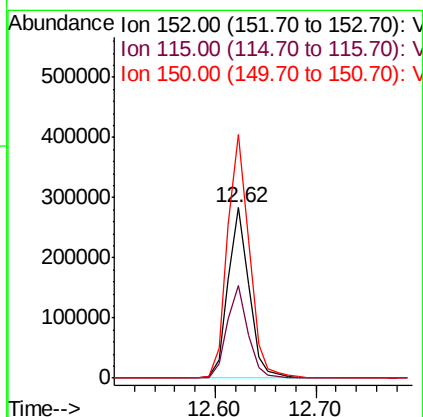
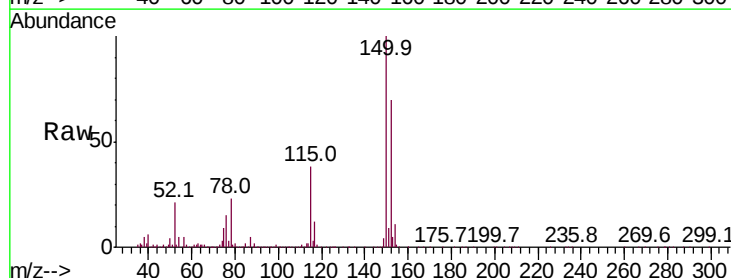
Instrument :
MSVOA_F
ClientSampleId :
HD-02-060519

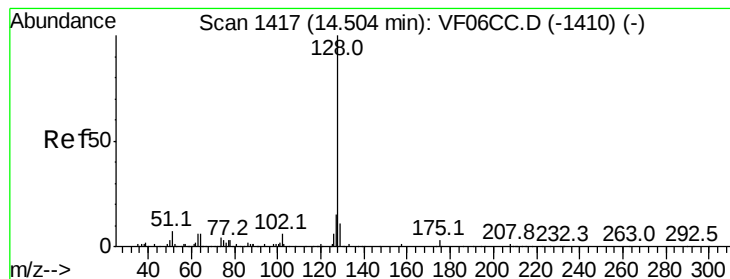
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.8	42.4	63.6
119	31.7	27.1	40.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. -0.00 min
Lab File: VF062879.D
Acq: 6 Jun 2019 13:35

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.1	24.6	74.0
150	142.8	0.0	290.6





#95

Naphthalene

Concen: 1.331 ug/l

RT: 14.51 min Scan# 1417

Delta R.T. -0.00 min

Lab File: VF062879.D

Acq: 6 Jun 2019 13:35

Instrument :

MSVOA_F

ClientSampleId :

HD-02-060519

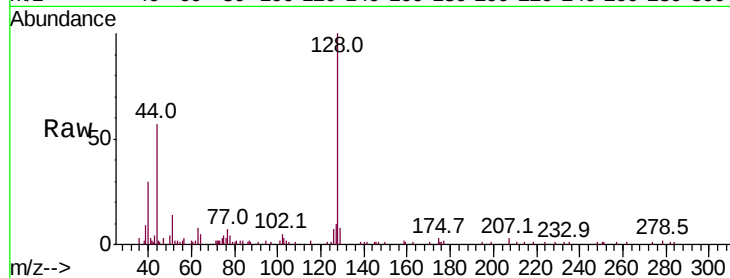
Tot Ion:128 Resp: 16709

Ion Ratio Lower Upper

128 100

127 10.4 9.7 14.5

129 7.7 9.4 14.2#



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

