

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060619\
 Data File : VF062883.D
 Acq On : 6 Jun 2019 15:27
 Operator : FY/SY
 Sample : K3153-01RE
 Misc : 6.01µ/5mL/MSVOA F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 HR-05-060519-ARE

Quant Time: Jun 07 01:24:50 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	5.08	168	784336	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.80	114	1364277	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	1086316	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	476050	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.05	65	225924	41.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.30%	
35) Dibromofluoromethane	4.33	113	404759	39.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.52%	
50) Toluene-d8	7.73	98	921784	35.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.72%	
62) 4-Bromofluorobenzene	11.50	95	382866	40.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.66%	

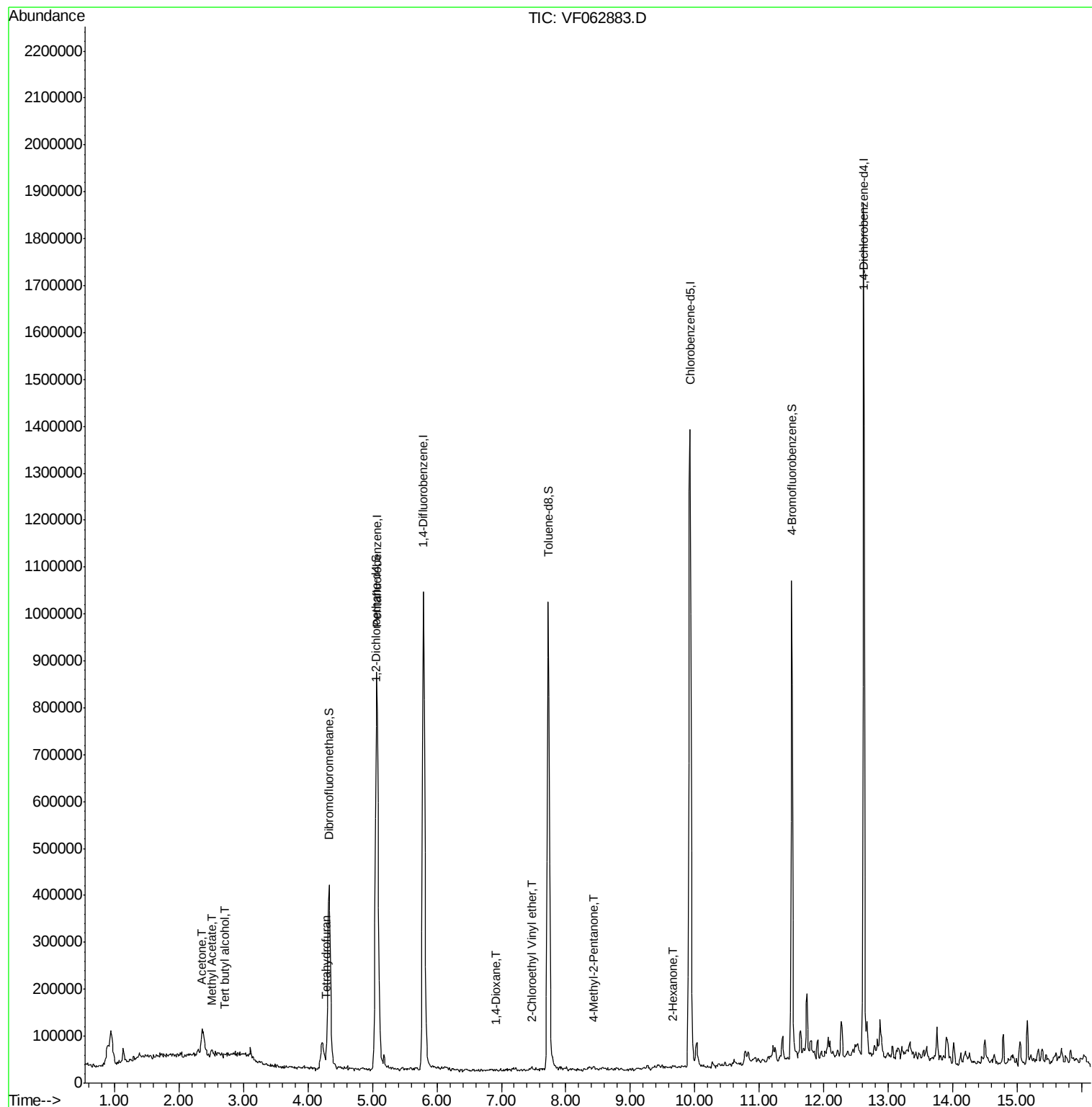
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.11	85	253	Below Cal		88
11) Tert butyl alcohol	2.71	59	1389	4.227	ug/l #	1
16) Acetone	2.36	43	84935	68.420	ug/l	98
18) Methyl Acetate	2.51	43	4289	1.977	ug/l #	64
29) Tetrahydrofuran	4.28	42	2695	2.437	ug/l #	56
49) 1,4-Dioxane	6.91	88	535	12.418	ug/l #	53
51) 4-Methyl-2-Pentanone	8.43	43	4806	1.061	ug/l	92
58) 2-Chloroethyl Vinyl ether	7.47	63	3766	1.707	ug/l	95
59) 2-Hexanone	9.65	43	5380	1.667	ug/l	61

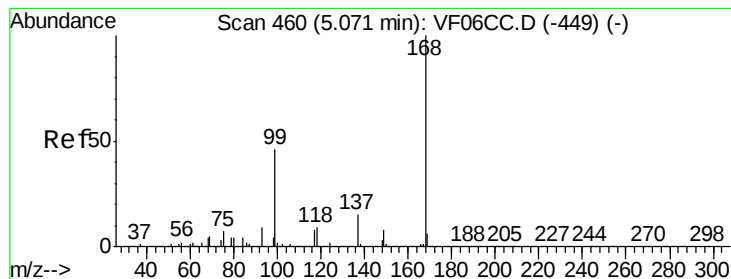
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF060619\
Data File : VF062883.D
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Sample : K3153-01RE
Misc : 6.01µ/5mL/MSVOA F/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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Quant Title : SW846 8260
QLast Update : Fri May 31 04:18:30 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.08 min Scan# 461

Delta R.T. 0.00 min

Lab File: VF062883.D

Acq: 6 Jun 2019 15:27

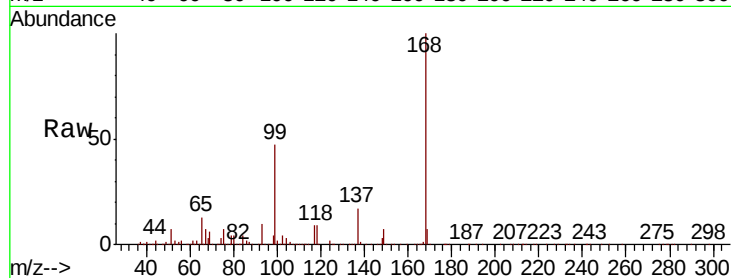
Instrument :
MSVOA_F
ClientSampleId :
HR-05-060519-ARE

Tot Ion:168 Resp: 784336

Ion Ratio Lower Upper

168 100

99 46.6 39.1 58.7



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.08

250000

200000

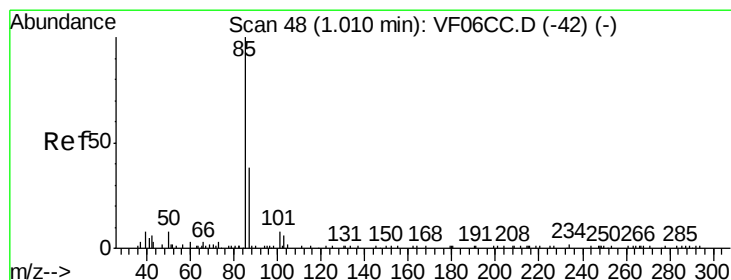
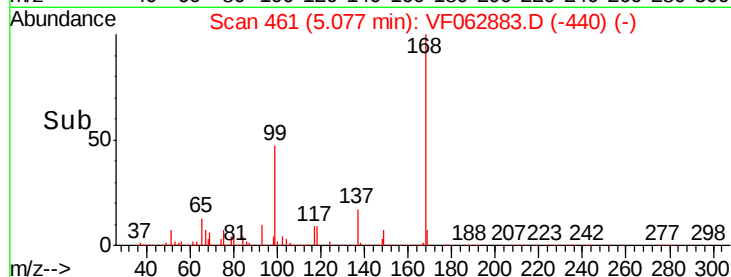
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.11 min Scan# 59

Delta R.T. 0.10 min

Lab File: VF062883.D

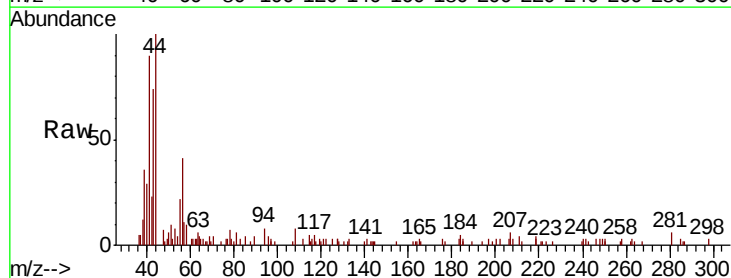
Acq: 6 Jun 2019 15:27

Tgt Ion: 85 Resp: 253

Ion Ratio Lower Upper

85 100

87 42.2 17.6 52.9



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

1.11

300

250

200

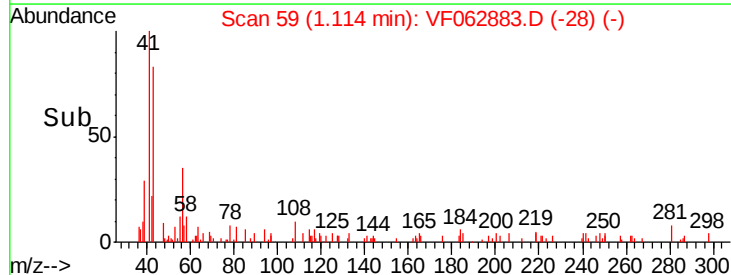
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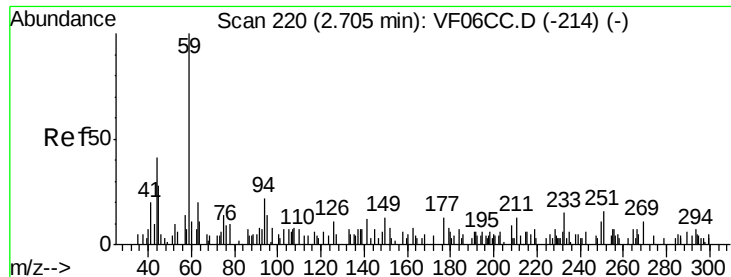
100

50

0

Time-->

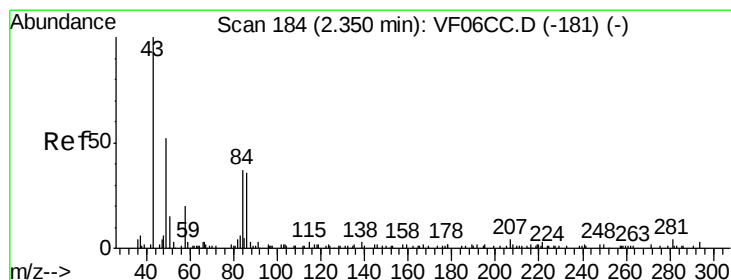
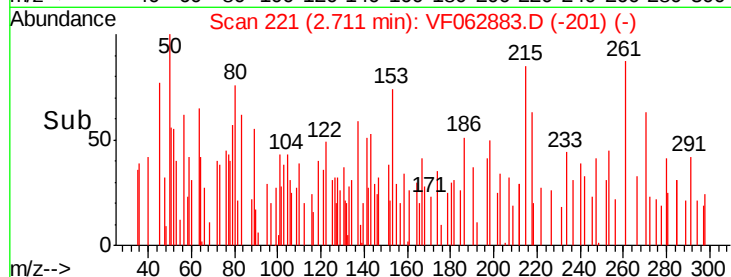
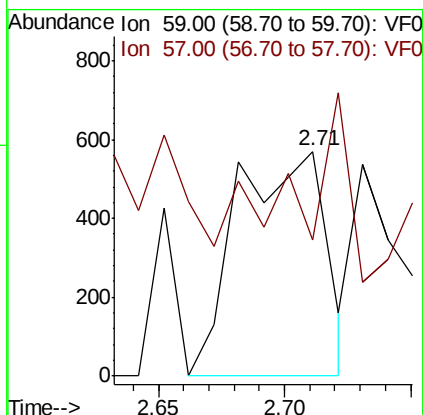
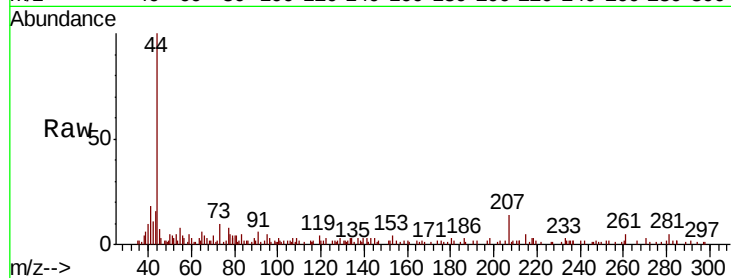




#11
Tert butvl alcohol
Concen: 4.227 ug/l
RT: 2.71 min Scan# 221
Delta R.T. -0.01 min
Lab File: VF062883.D
Acq: 6 Jun 2019 15:27

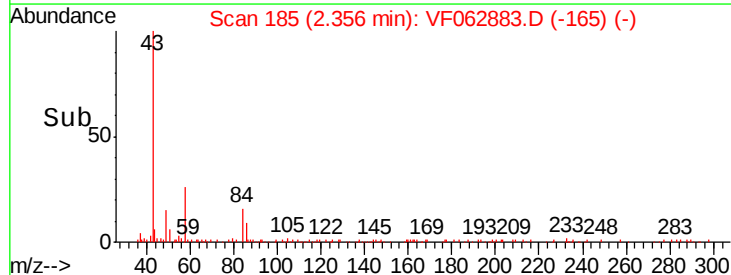
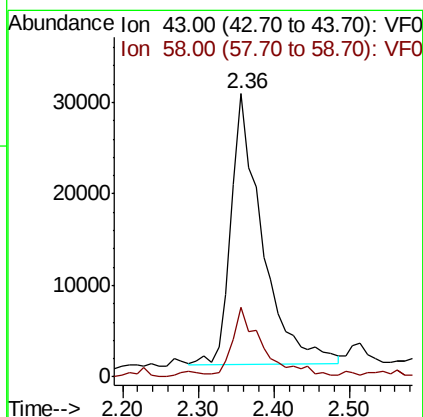
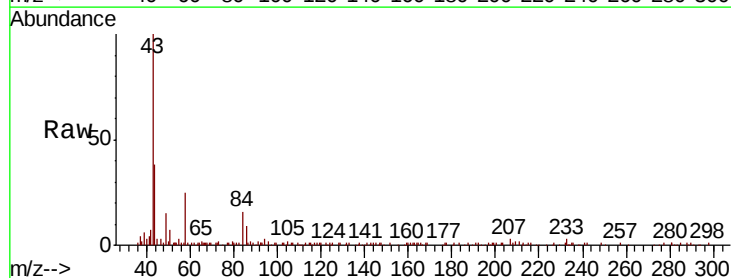
Instrument :
MSVOA_F
ClientSampleId :
HR-05-060519-ARE

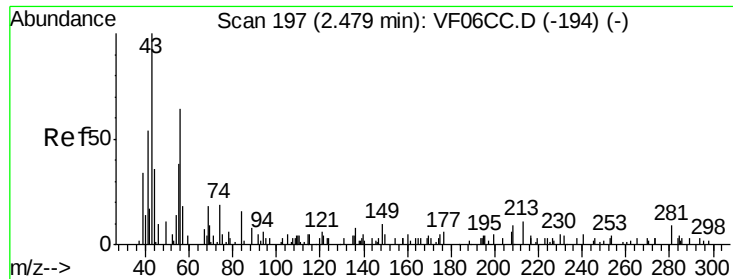
Tot Ion: 59 Resp: 1389
Ion Ratio Lower Upper
59 100
57 60.7 9.2 13.8#



#16
Acetone
Concen: 68.420 ug/l
RT: 2.36 min Scan# 185
Delta R.T. -0.01 min
Lab File: VF062883.D
Acq: 6 Jun 2019 15:27

Tgt Ion: 43 Resp: 84935
Ion Ratio Lower Upper
43 100
58 24.8 19.0 28.4

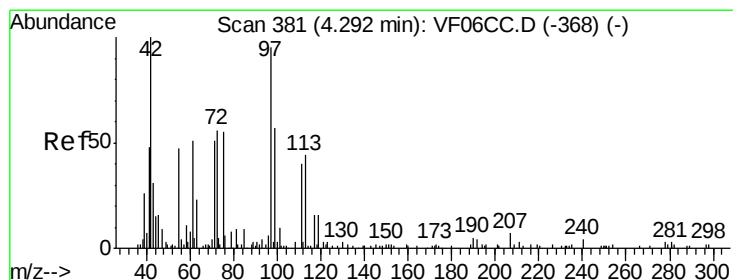
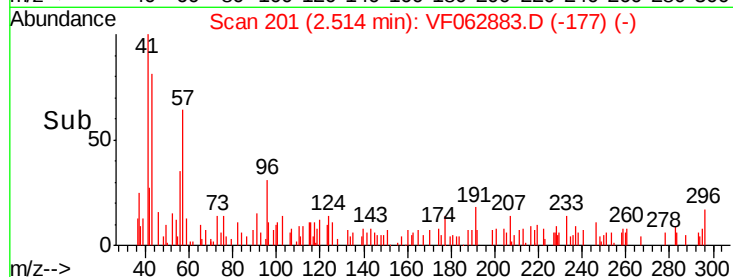
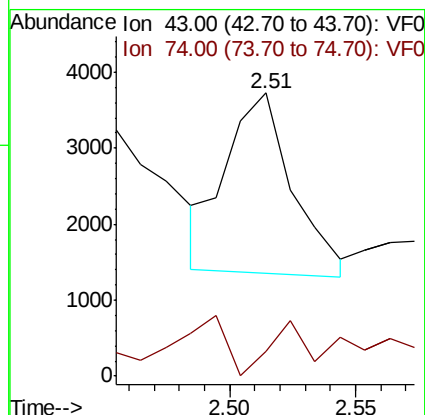
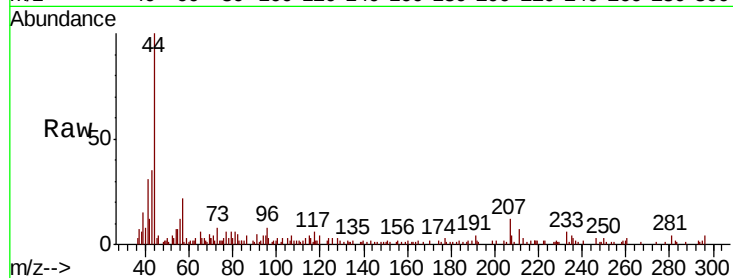




#18
Methvl Acetate
Concen: 1.977 ug/l
RT: 2.51 min Scan# 201
Delta R.T. 0.03 min
Lab File: VF062883.D
Acq: 6 Jun 2019 15:27

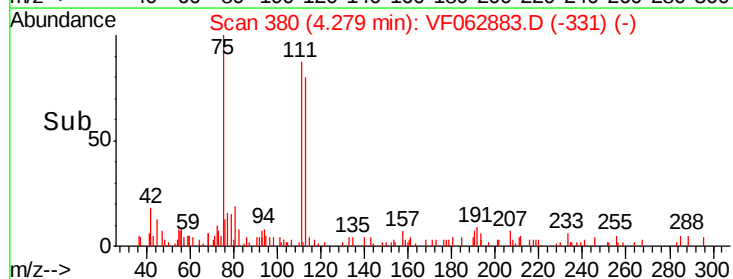
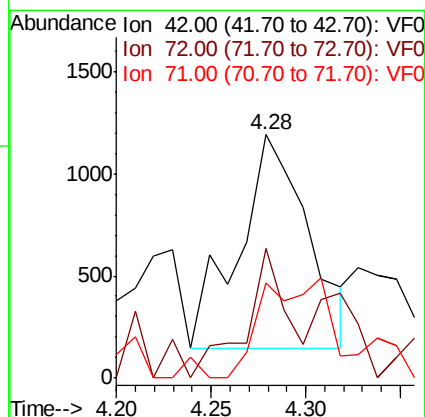
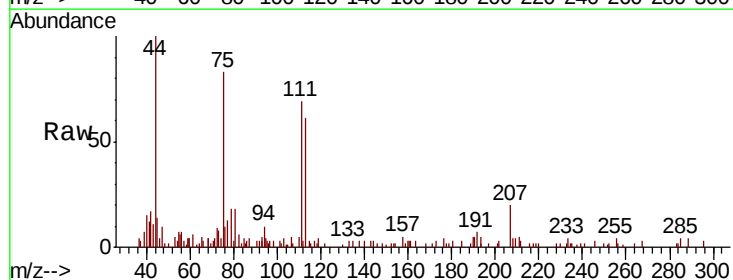
Instrument :
MSVOA_F
ClientSampleId :
HR-05-060519-ARE

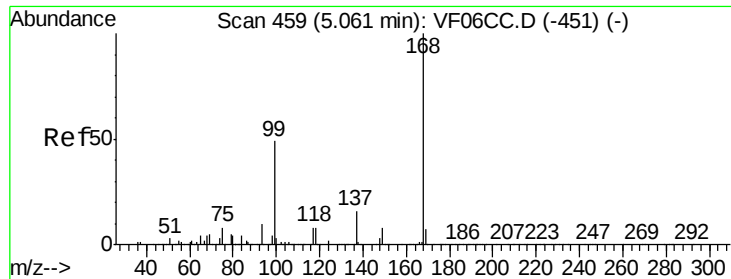
Tot Ion: 43 Resp: 4289
Ion Ratio Lower Upper
43 100
74 8.7 22.1 33.1#



#29
Tetrahydrofuran
Concen: 2.437 ug/l
RT: 4.28 min Scan# 380
Delta R.T. -0.02 min
Lab File: VF062883.D
Acq: 6 Jun 2019 15:27

Tgt Ion: 42 Resp: 2695
Ion Ratio Lower Upper
42 100
72 35.9 39.0 58.6#
71 0.0 36.9 55.3#

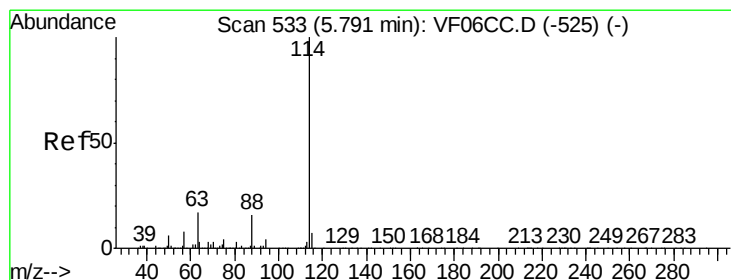
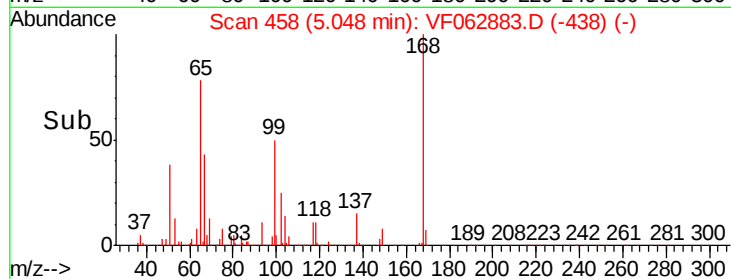
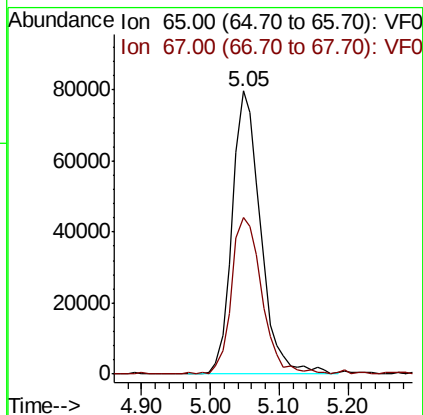
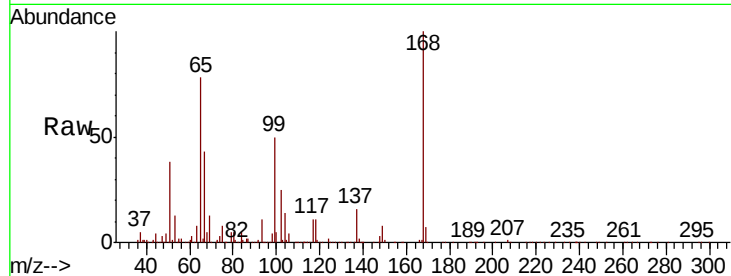




#33
 1,2-Dichloroethane-d4
 Concen: 41.655 ug/l
 RT: 5.05 min Scan# 458
 Delta R.T. -0.01 min
 Lab File: VF062883.D
 Acq: 6 Jun 2019 15:27

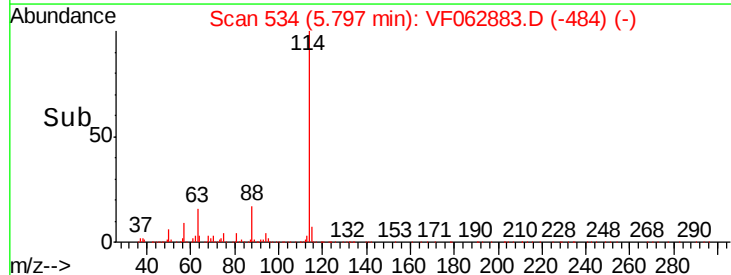
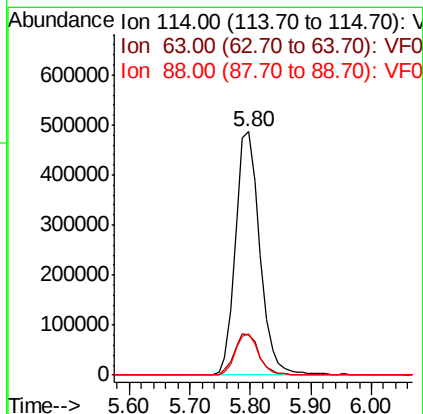
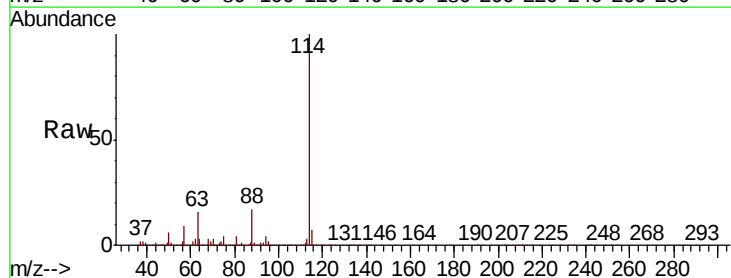
Instrument :
 MSVOA_F
 ClientSampleId :
 HR-05-060519-ARE

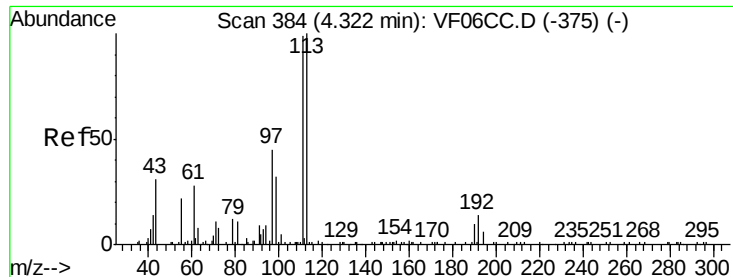
Tot Ion: 65 Resp: 225924
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 121.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.80 min Scan# 534
 Delta R.T. -0.01 min
 Lab File: VF062883.D
 Acq: 6 Jun 2019 15:27

Tgt Ion: 114 Resp: 1364277
 Ion Ratio Lower Upper
 114 100
 63 16.3 0.0 34.2
 88 16.8 0.0 31.2

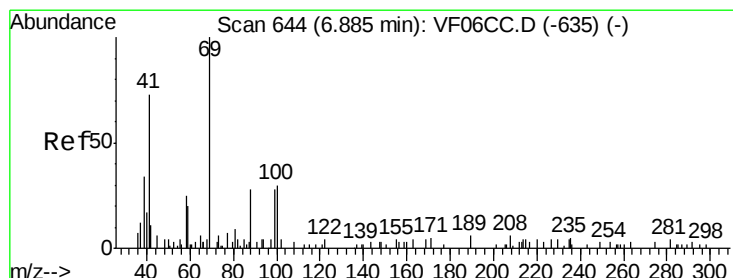
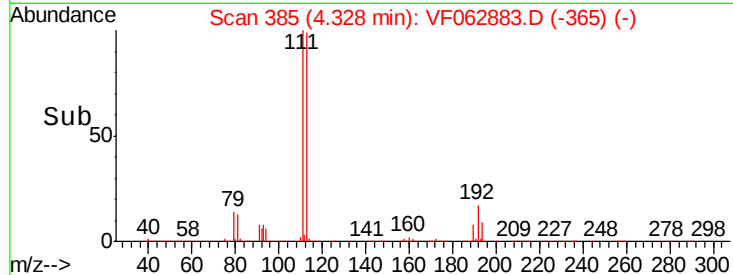
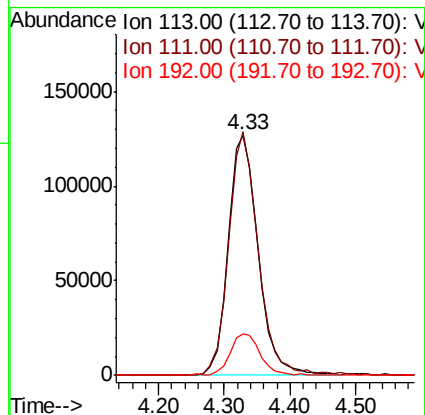
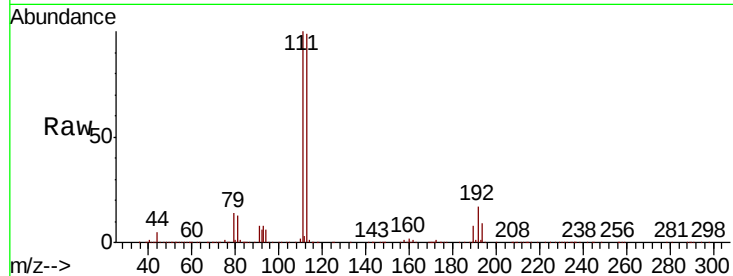




#35
 Dibromofluoromethane
 Concen: 39.262 ug/l
 RT: 4.33 min Scan# 385
 Delta R.T. -0.01 min
 Lab File: VF062883.D
 Acq: 6 Jun 2019 15:27

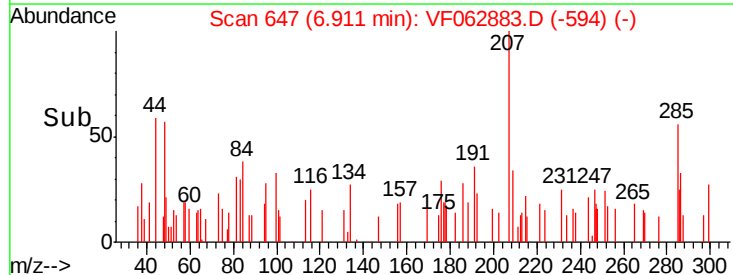
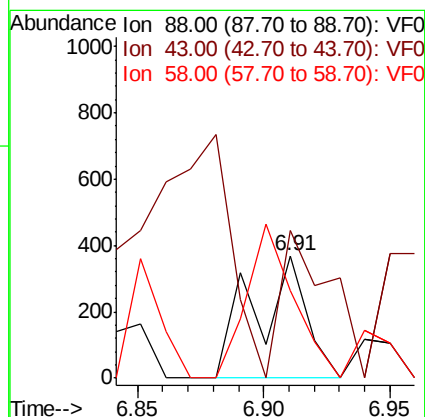
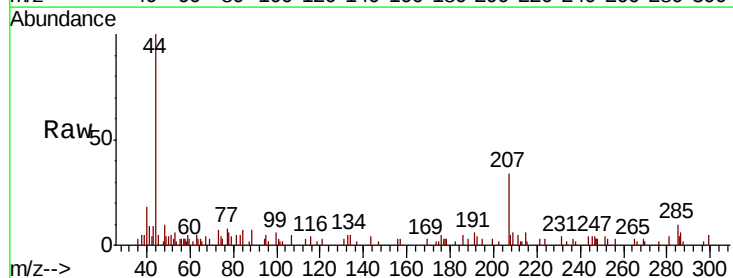
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 ClientSampleId :
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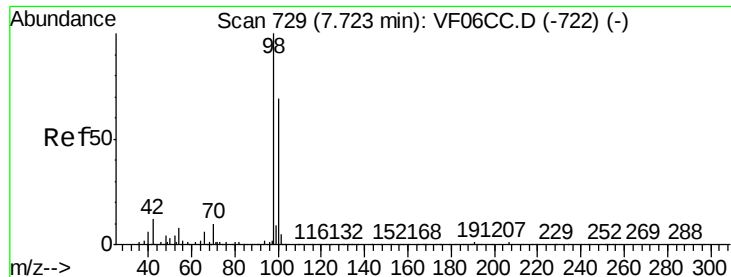
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.9	122.9
192	17.1	15.1	22.7



#49
 1,4-Dioxane
 Concen: 12.418 ug/l
 RT: 6.91 min Scan# 647
 Delta R.T. 0.02 min
 Lab File: VF062883.D
 Acq: 6 Jun 2019 15:27

Tgt Ion	Ratio	Lower	Upper
88	100		
43	120.3	34.8	52.2#
58	71.0	59.9	89.9





#50

Toluene-d8

Concen: 35.359 ug/l

RT: 7.73 min Scan# 730

Delta R.T. -0.01 min

Lab File: VF062883.D

Acq: 6 Jun 2019 15:27

Instrument :

MSVOA_F

ClientSampleId :

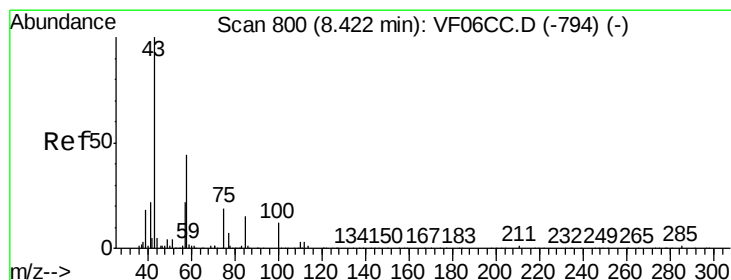
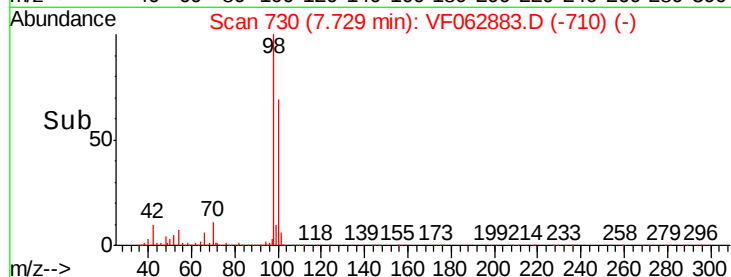
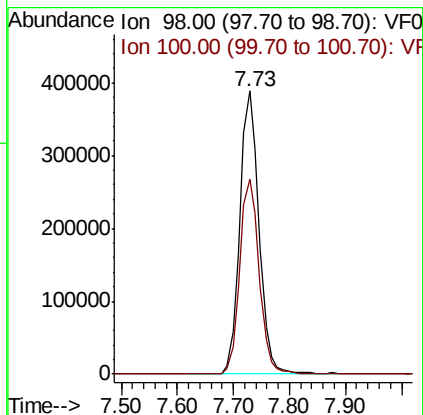
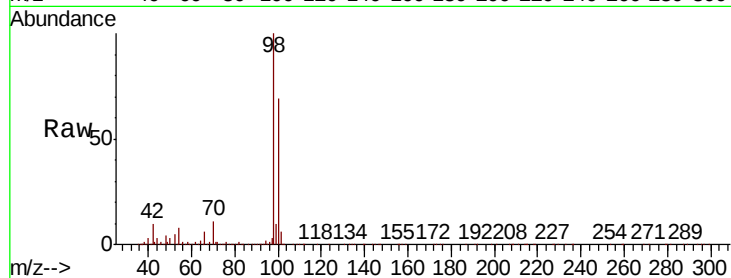
HR-05-060519-ARE

Tot Ion: 98 Resp: 921784

Ion Ratio Lower Upper

98 100

100 68.9 59.8 89.8



#51

4-Methyl-2-Pentanone

Concen: 1.061 ug/l

RT: 8.43 min Scan# 801

Delta R.T. 0.00 min

Lab File: VF062883.D

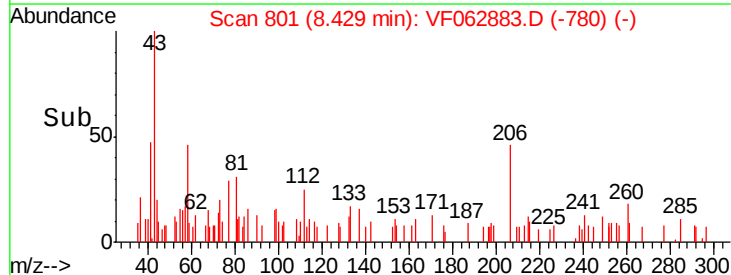
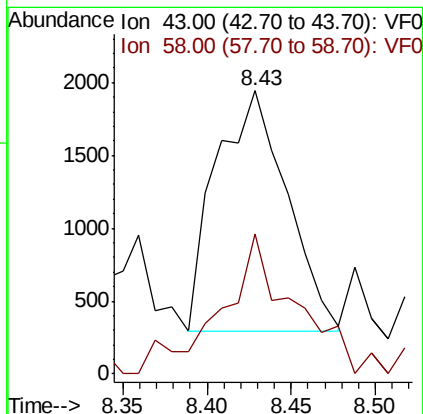
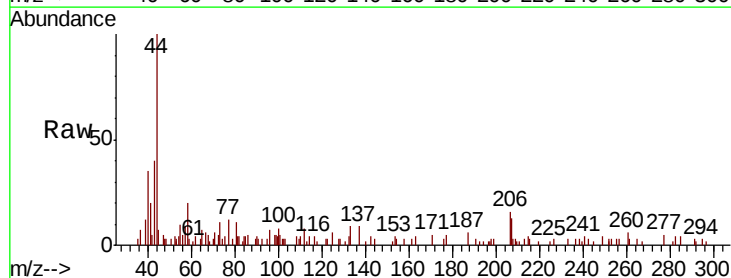
Acq: 6 Jun 2019 15:27

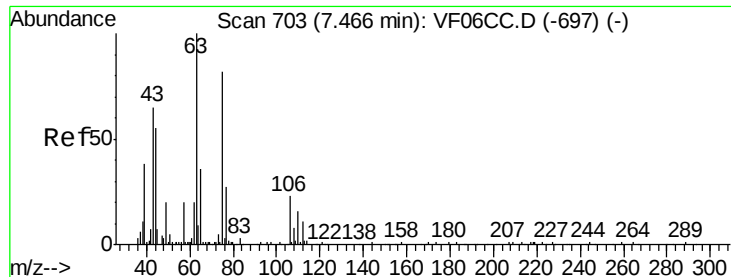
Tgt Ion: 43 Resp: 4806

Ion Ratio Lower Upper

43 100

58 49.5 35.5 53.3

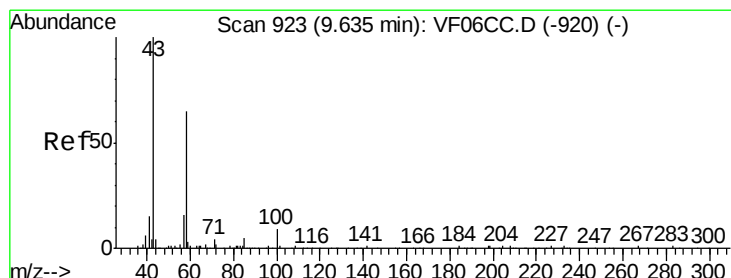
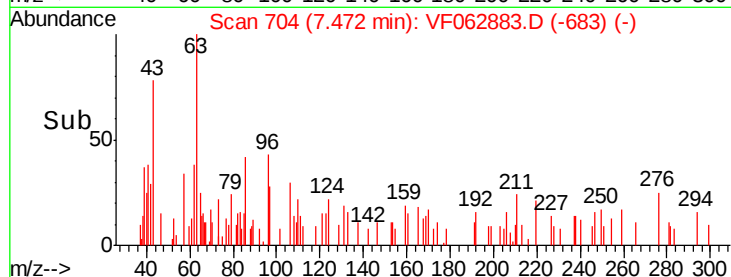
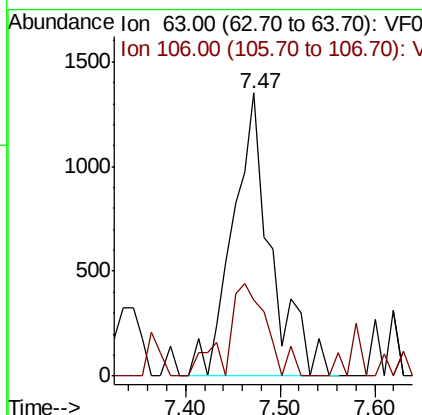
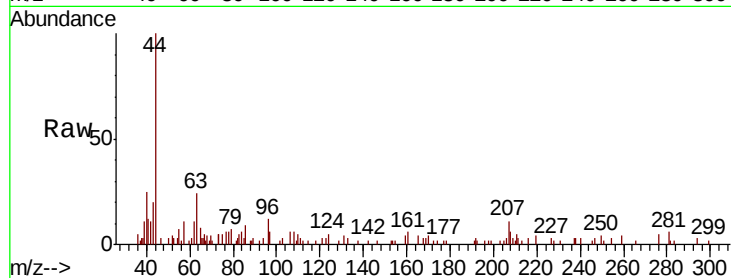




#58
2-Chloroethyl Vinyl ether
Concen: 1.707 ug/l
RT: 7.47 min Scan# 704
Delta R.T. 0.00 min
Lab File: VF062883.D
Acq: 6 Jun 2019 15:27

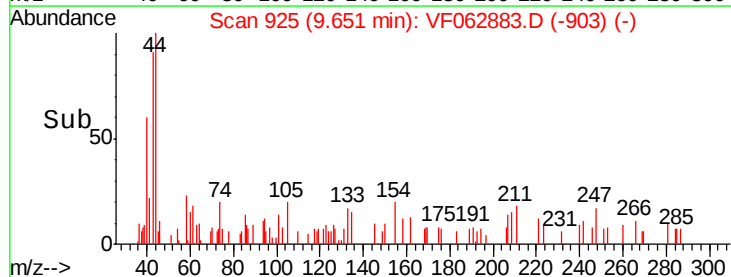
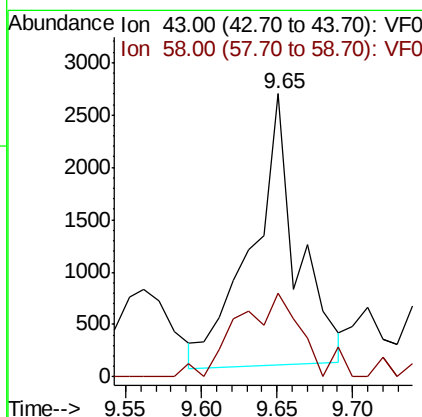
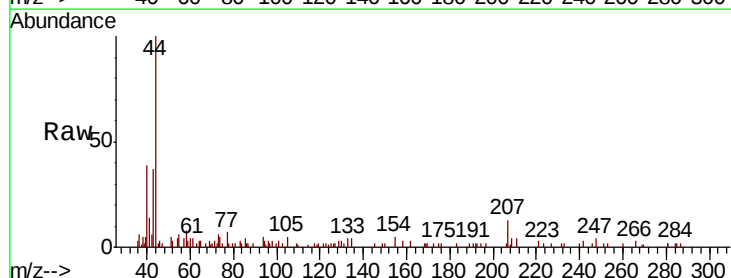
Instrument :
MSVOA_F
ClientSampleId :
HR-05-060519-ARE

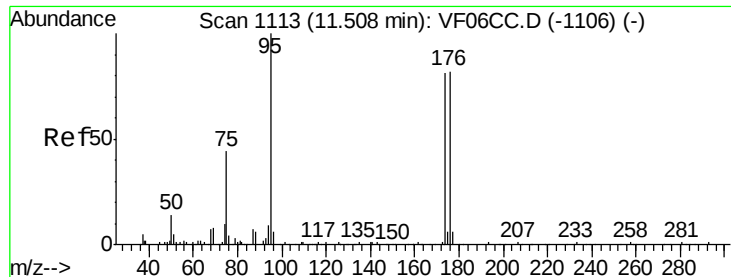
Tot Ion: 63 Resp: 3766
Ion Ratio Lower Upper
63 100
106 27.0 19.5 29.3



#59
2-Hexanone
Concen: 1.667 ug/l
RT: 9.65 min Scan# 925
Delta R.T. 0.01 min
Lab File: VF062883.D
Acq: 6 Jun 2019 15:27

Tgt Ion: 43 Resp: 5380
Ion Ratio Lower Upper
43 100
58 29.4 29.3 87.9

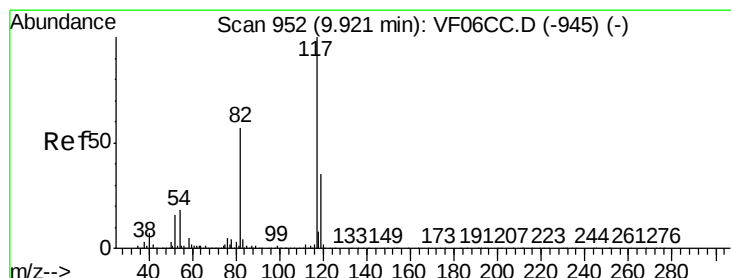
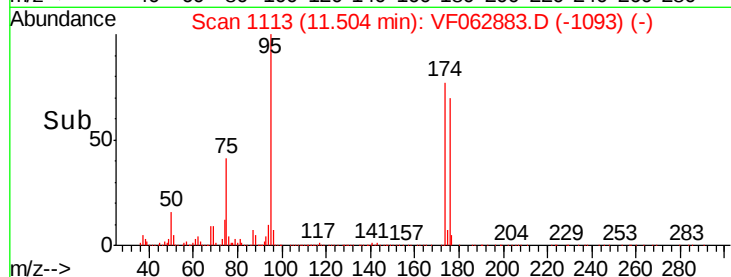
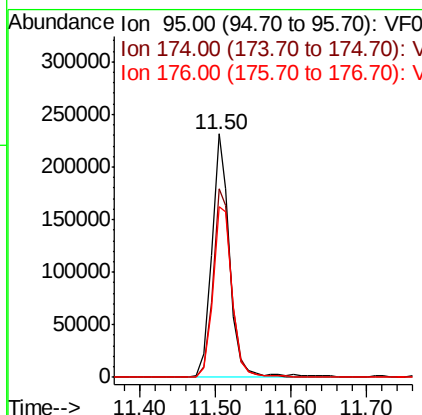
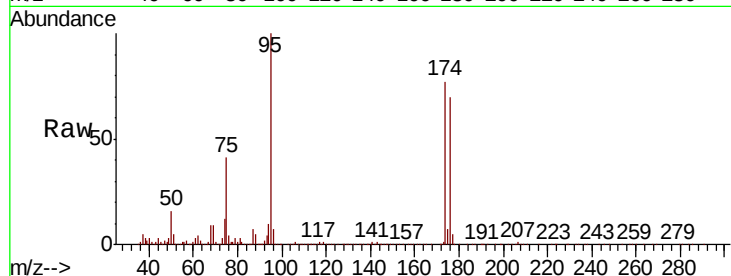




#62
4-Bromofluorobenzene
Concen: 40.828 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF062883.D
Acq: 6 Jun 2019 15:27

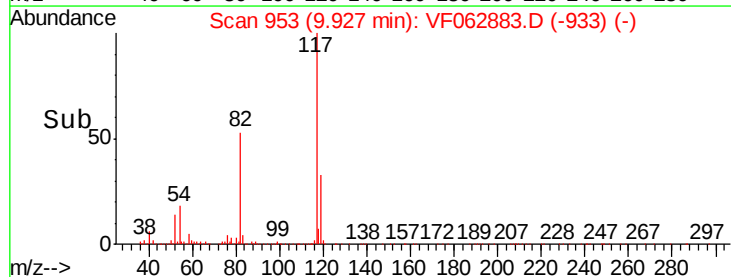
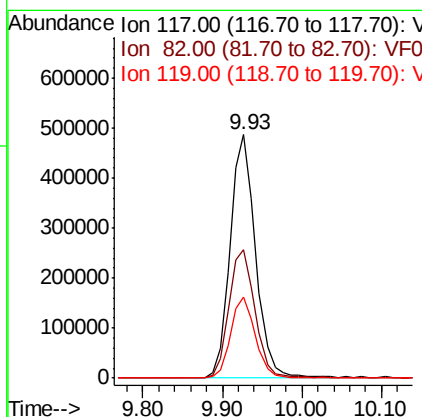
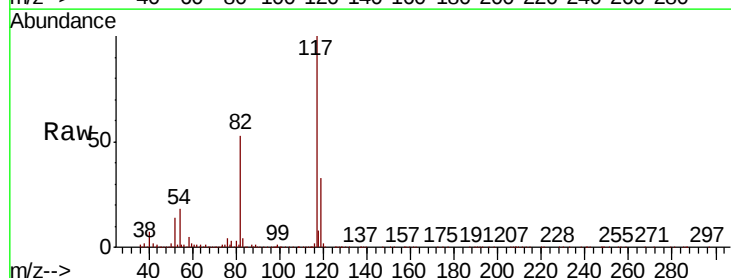
Instrument :
MSVOA_F
ClientSampleId :
HR-05-060519-ARE

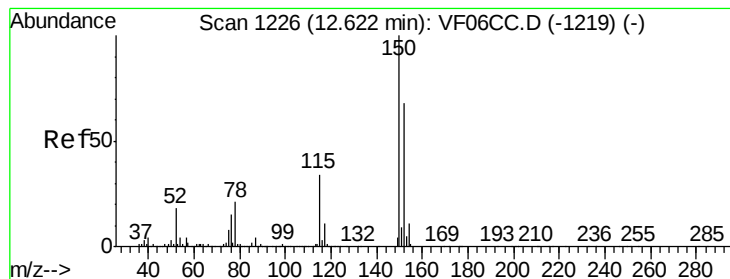
Tot Ion: 95 Resp: 382866
Ion Ratio Lower Upper
95 100
174 77.3 0.0 170.6
176 70.0 0.0 170.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. -0.01 min
Lab File: VF062883.D
Acq: 6 Jun 2019 15:27

Tgt Ion: 117 Resp: 1086316
Ion Ratio Lower Upper
117 100
82 52.7 42.4 63.6
119 33.5 27.1 40.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.62 min Scan# 1226

Delta R.T. -0.01 min

Lab File: VF062883.D

Acq: 6 Jun 2019 15:27

Instrument :

MSVOA_F

ClientSampleId :

HR-05-060519-ARE

Tot Ion:152 Resp: 476050

Ion Ratio Lower Upper

152 100

115 56.8 24.6 74.0

150 149.0 0.0 290.6

