

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062018\
 Data File : VF059244.D
 Acq On : 20 Jun 2018 23:46
 Operator : VA/AP
 Sample : J3584-23
 Misc : 5.55g/5mL/MSVOA-F/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: Jun 21 06:40:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 10:52:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	198431	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	340407	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	341712	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	210472	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.02	65	173080	71.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	143.84%	
35) Dibromofluoromethane	4.30	113	148627	62.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.44%	
50) Toluene-d8	7.71	98	348785	49.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.42%	
62) 4-Bromofluorobenzene	11.51	95	185015	51.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.82%	

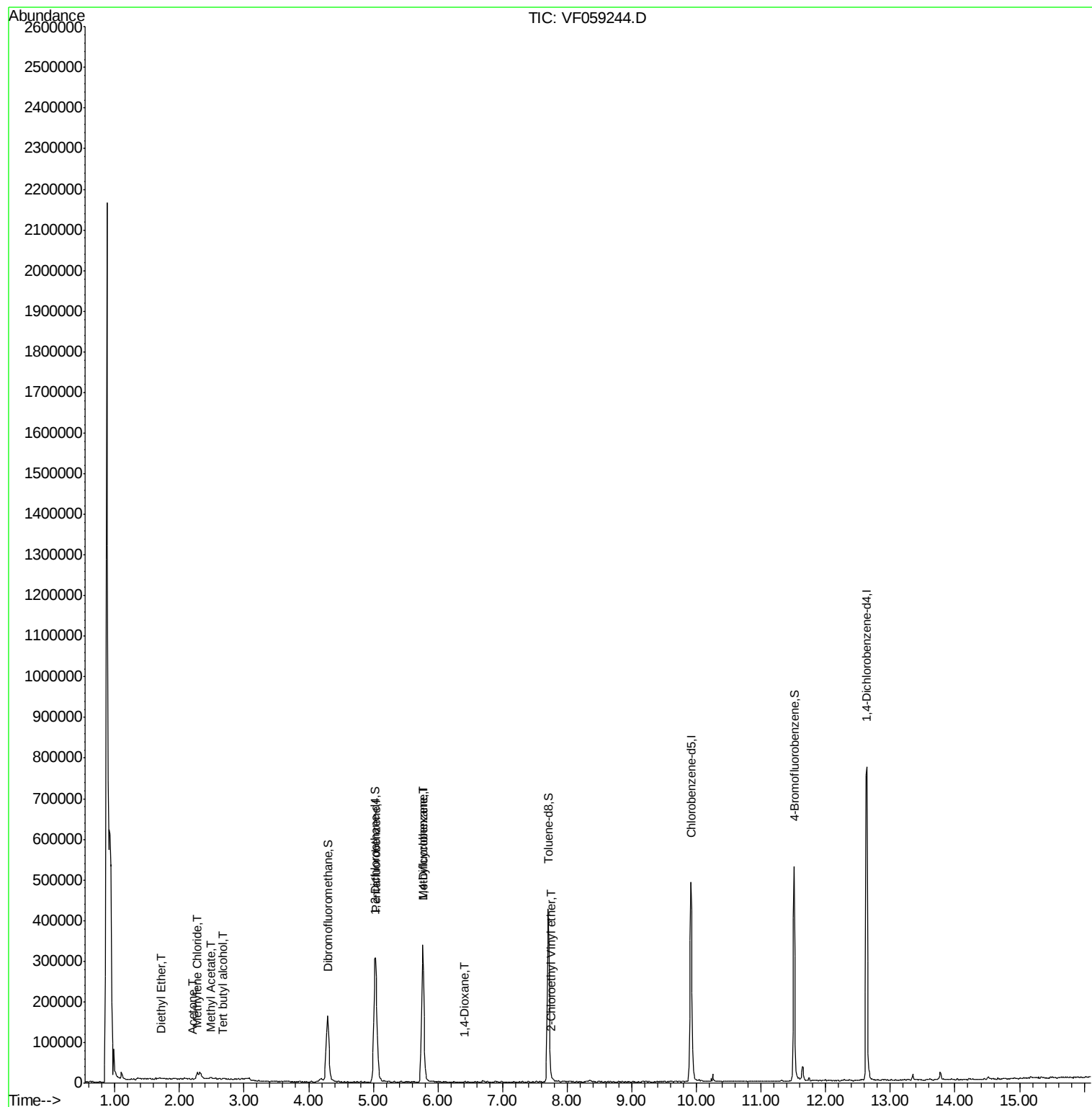
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	1.71	74	755	1.230	ug/l	68
11) Tert butyl alcohol	2.67	59	290	1.881	ug/l #	71
16) Acetone	2.21	43	1635	2.846	ug/l	97
18) Methyl Acetate	2.47	43	1641	1.661	ug/l	95
20) Methylene Chloride	2.28	84	5732	4.166	ug/l #	84
39) Methylcyclohexane	5.77	83	5021	1.493	ug/l #	25
49) 1,4-Dioxane	6.43	88	66	17.881	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.77	63	377	2.093	ug/l	100
89) n-Butylbenzene	12.92	91	556	Below Cal	#	34

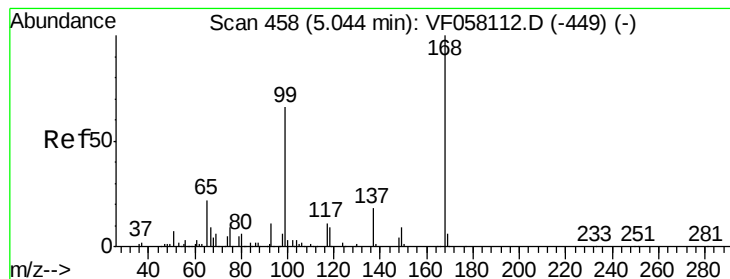
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF062018\
Data File : VF059244.D
Acq On : 20 Jun 2018 23:46
Operator : VA/AP
Sample : J3584-23
Misc : 5.55q/5mL/MSVOA-F/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Jun 21 06:40:20 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 07 10:52:00 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.04 min Scan# 457

Delta R.T. -0.01 min

Lab File: VF059244.D

Acq: 20 Jun 2018 23:46

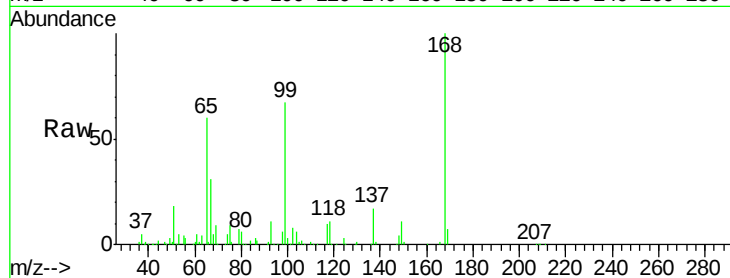
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:168 Resp: 198431

Ion Ratio Lower Upper

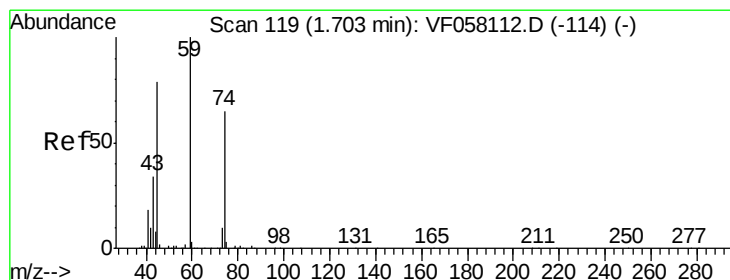
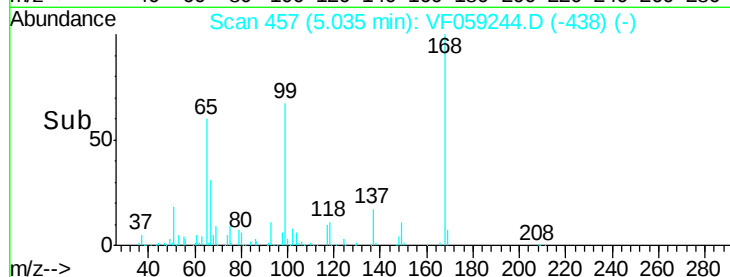
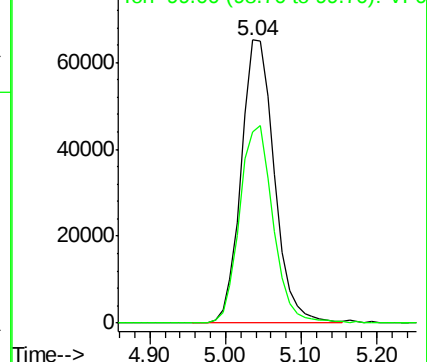
168 100

99 67.5 52.9 79.3



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#8

Diethyl Ether

Concen: 1.230 ug/l

RT: 1.71 min Scan# 120

Delta R.T. 0.01 min

Lab File: VF059244.D

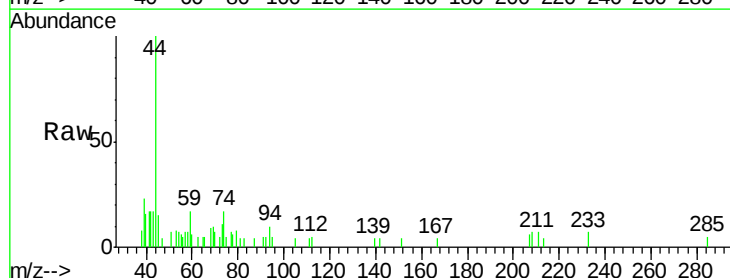
Acq: 20 Jun 2018 23:46

Tgt Ion: 74 Resp: 755

Ion Ratio Lower Upper

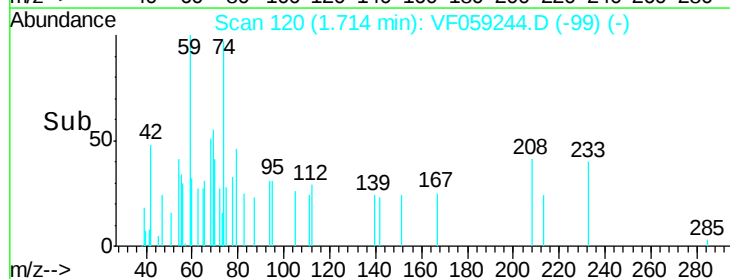
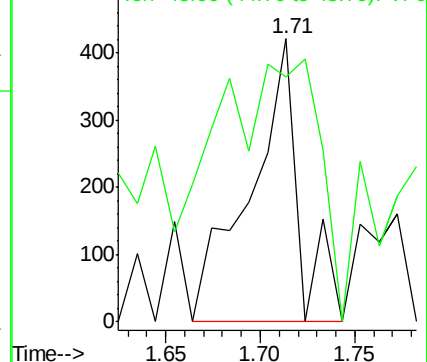
74 100

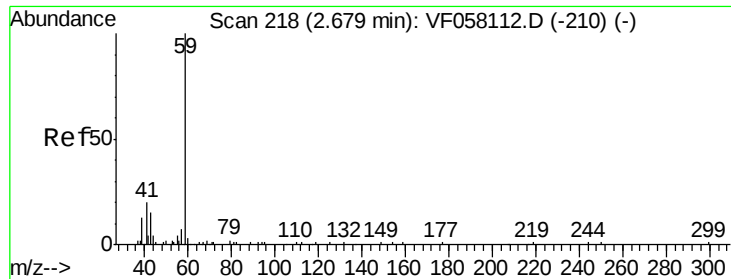
45 86.5 61.5 184.4



Abundance Ion 74.00 (73.70 to 74.70): VF0

Ion 45.00 (44.70 to 45.70): VF0

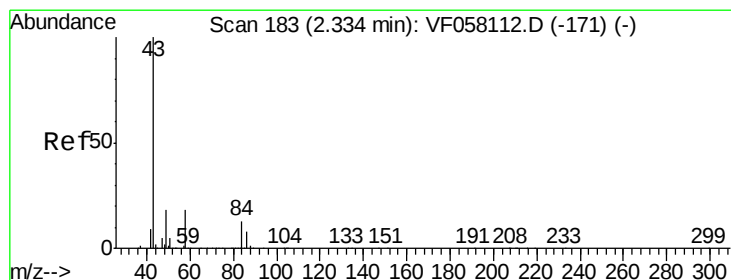
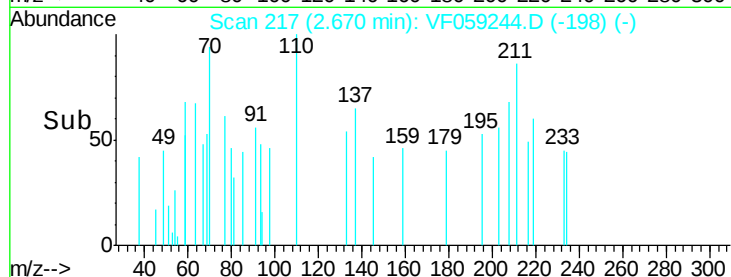
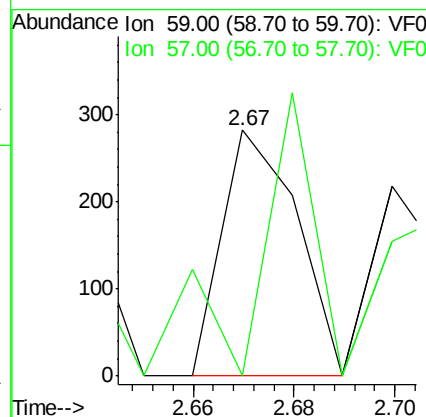
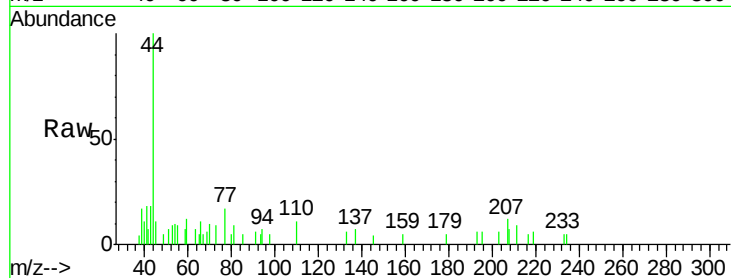




#11
Tert butyl alcohol
Concen: 1.881 ug/l
RT: 2.67 min Scan# 217
Delta R.T. -0.01 min
Lab File: VF059244.D
Acq: 20 Jun 2018 23:46

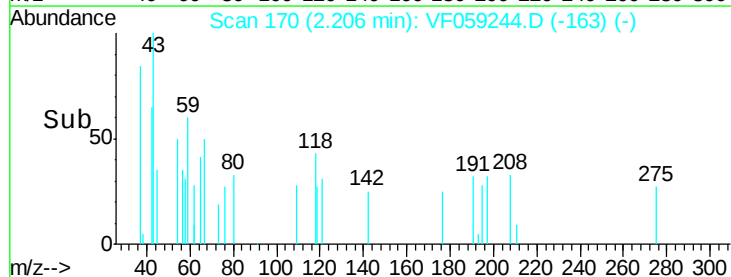
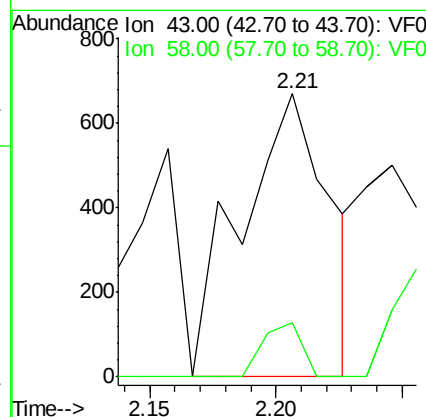
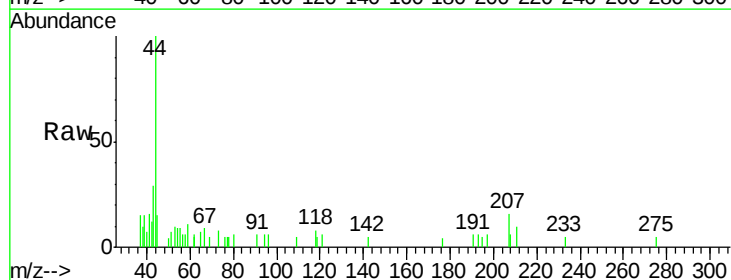
Instrument :
MSVOA_F
ClientSampleId :

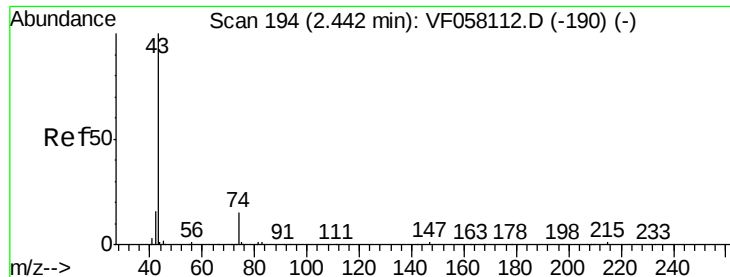
Tot Ion: 59 Resp: 290
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#16
Acetone
Concen: 2.846 ug/l
RT: 2.21 min Scan# 170
Delta R.T. -0.13 min
Lab File: VF059244.D
Acq: 20 Jun 2018 23:46

Tgt Ion: 43 Resp: 1635
Ion Ratio Lower Upper
43 100
58 19.3 14.4 21.6

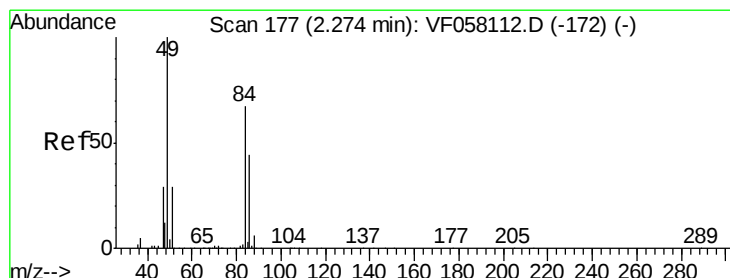
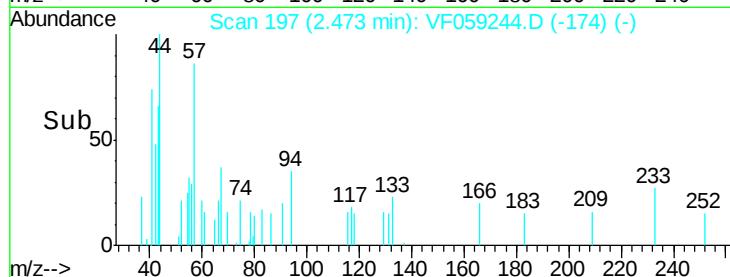
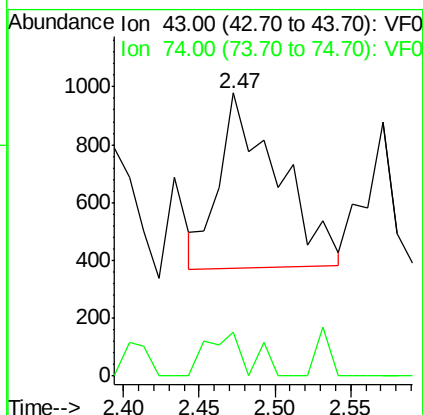
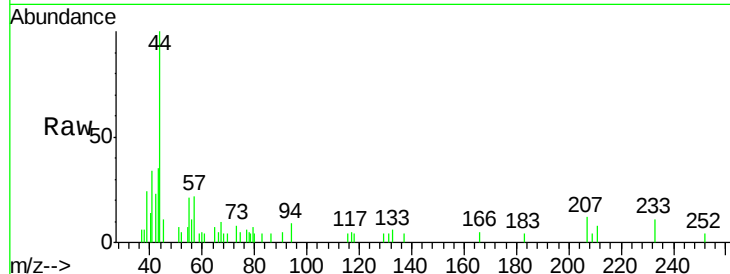




#18
Methyl Acetate
Concen: 1.661 ug/l
RT: 2.47 min Scan# 197
Delta R.T. 0.03 min
Lab File: VF059244.D
Acq: 20 Jun 2018 23:46

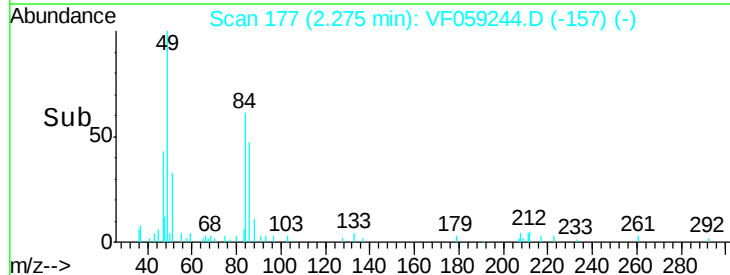
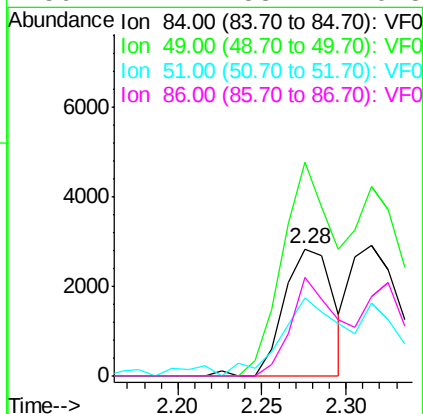
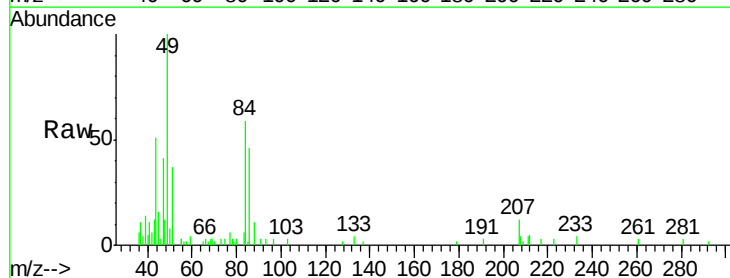
Instrument :
MSVOA_F
ClientSampled :

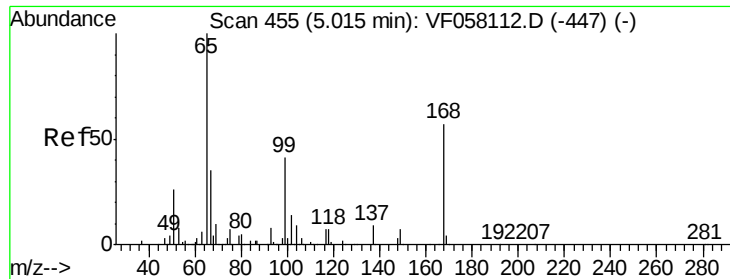
Tot Ion: 43 Resp: 1641
Ion Ratio Lower Upper
43 100
74 15.5 10.9 16.3



#20
Methylene Chloride
Concen: 4.166 ug/l
RT: 2.28 min Scan# 177
Delta R.T. 0.00 min
Lab File: VF059244.D
Acq: 20 Jun 2018 23:46

Tgt Ion: 84 Resp: 5732
Ion Ratio Lower Upper
84 100
49 168.6 121.0 181.4
51 61.6 35.8 53.6#
86 77.7 53.2 79.8

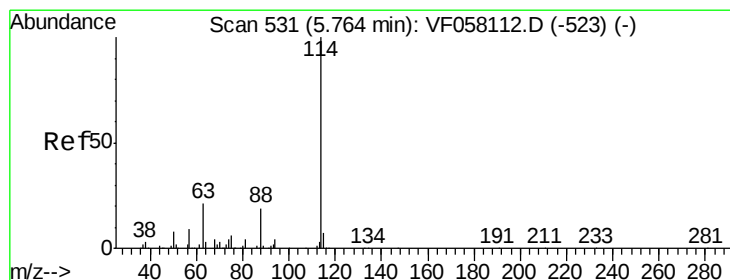
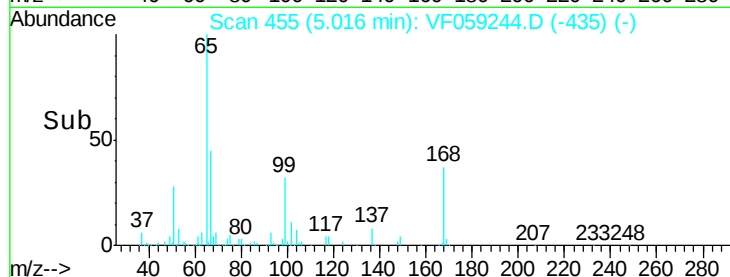
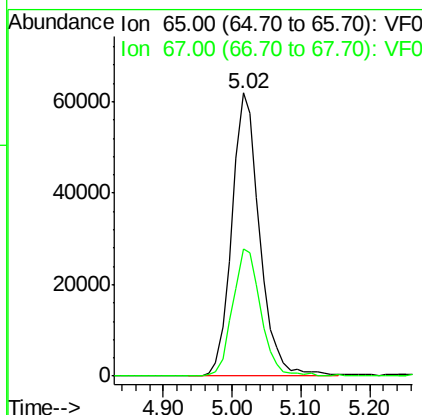
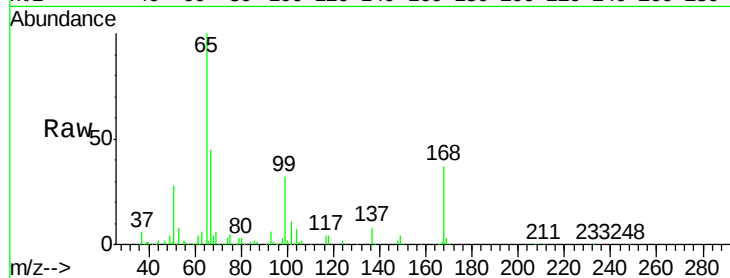




#33
 1,2-Dichloroethane-d4
 Concen: 71.920 ug/l
 RT: 5.02 min Scan# 455
 Delta R.T. 0.00 min
 Lab File: VF059244.D
 Acq: 20 Jun 2018 23:46

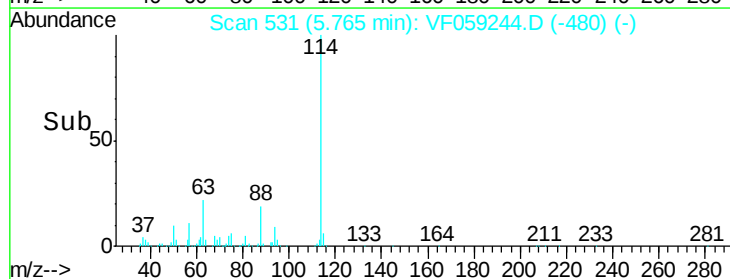
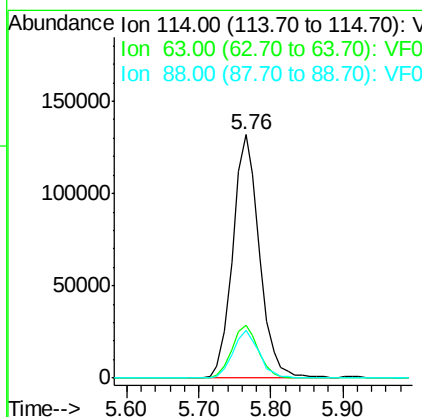
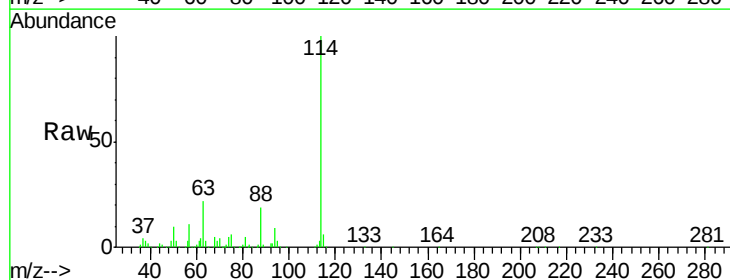
Instrument :
 MSVOA_F
 ClientSampleId :

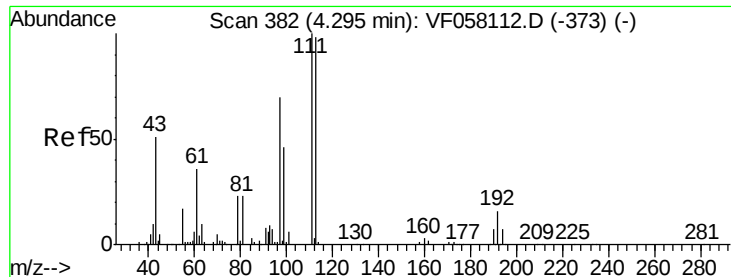
Tot Ion: 65 Resp: 173080
 Ion Ratio Lower Upper
 65 100
 67 45.1 0.0 97.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.76 min Scan# 531
 Delta R.T. 0.00 min
 Lab File: VF059244.D
 Acq: 20 Jun 2018 23:46

Tgt Ion: 114 Resp: 340407
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 41.6
 88 19.4 0.0 38.8





#35

Dibromofluoromethane

Concen: 62.225 ug/l

RT: 4.30 min Scan# 382

Delta R.T. 0.00 min

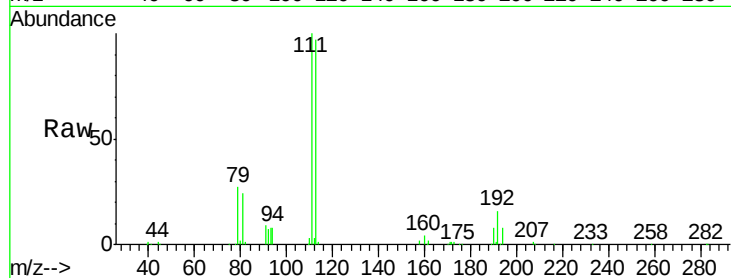
Lab File: VF059244.D

Acq: 20 Jun 2018 23:46

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:113 Resp: 148627

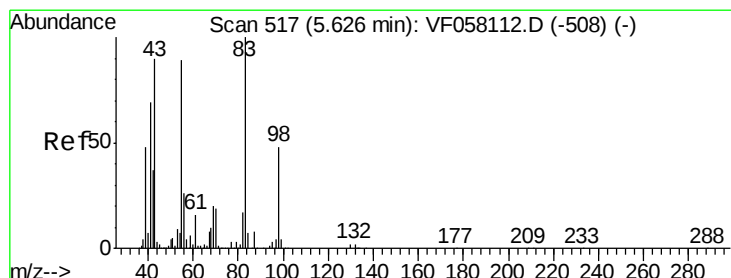
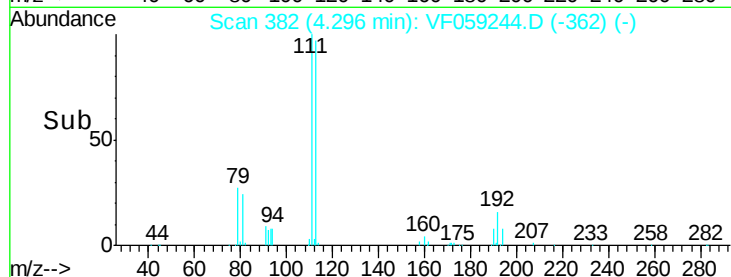
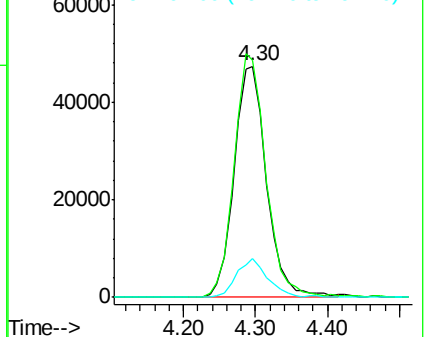
Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.3	121.9
192	16.8	12.7	19.1



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



#39

Methylcyclohexane

Concen: 1.493 ug/l

RT: 5.77 min Scan# 532

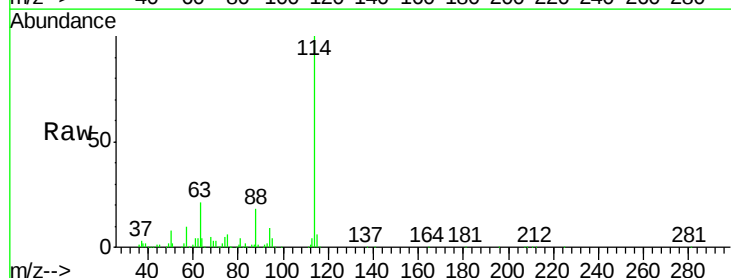
Delta R.T. 0.15 min

Lab File: VF059244.D

Acq: 20 Jun 2018 23:46

Tgt Ion: 83 Resp: 5021

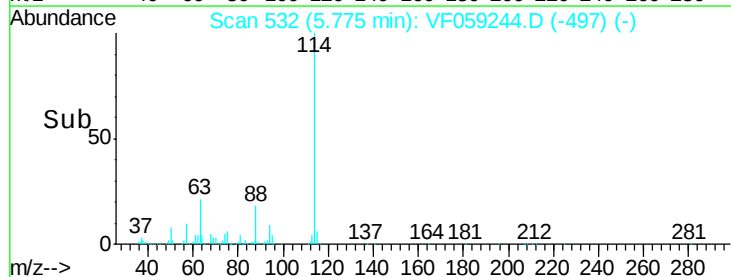
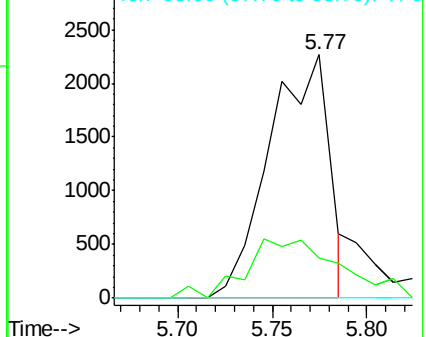
Ion	Ratio	Lower	Upper
83	100		
55	16.6	71.0	106.4#
98	0.0	38.1	57.1#

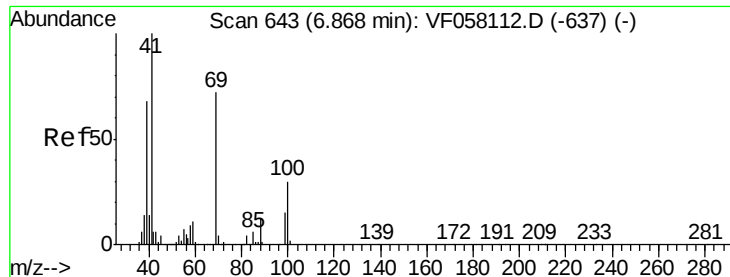


Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 98.00 (97.70 to 98.70): VF0

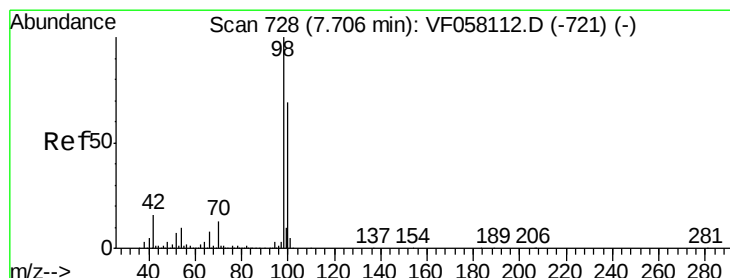
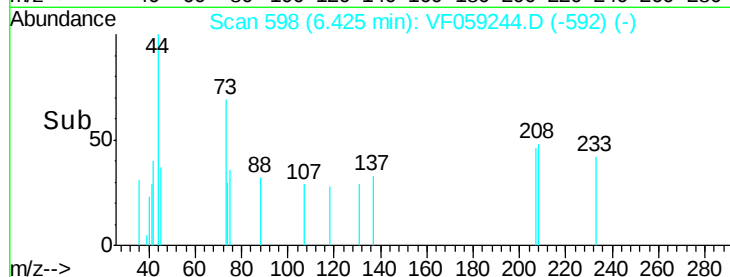
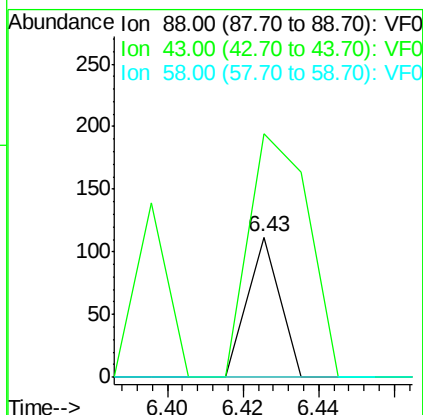
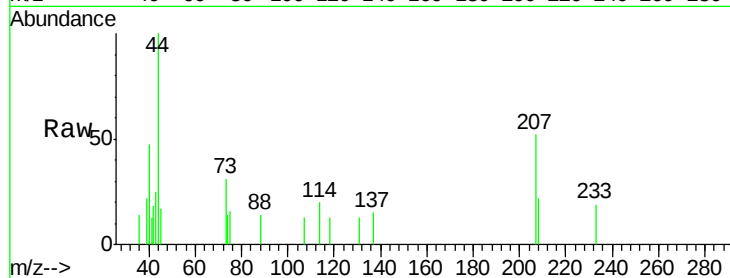




#49
1,4-Dioxane
Concen: 17.881 ug/l
RT: 6.43 min Scan# 598
Delta R.T. -0.44 min
Lab File: VF059244.D
Acq: 20 Jun 2018 23:46

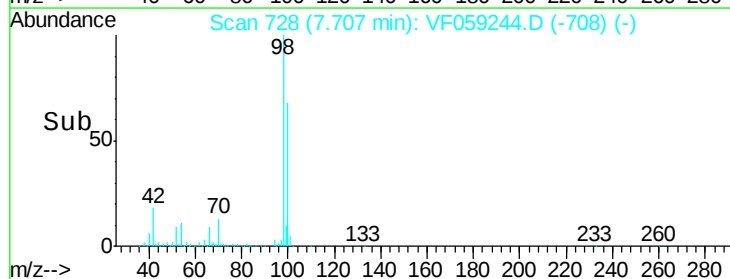
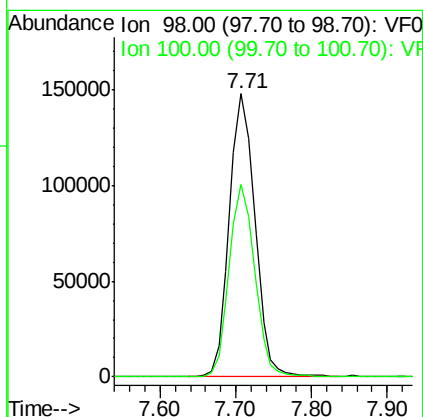
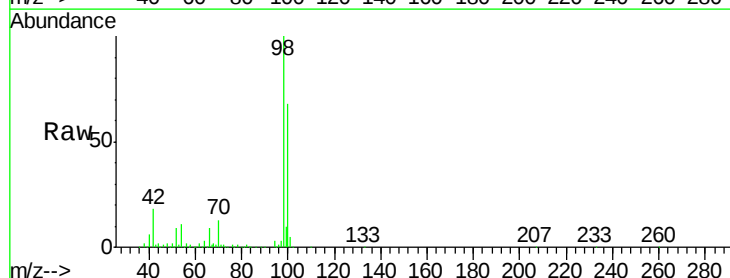
Instrument :
MSVOA_F
ClientSampleId :

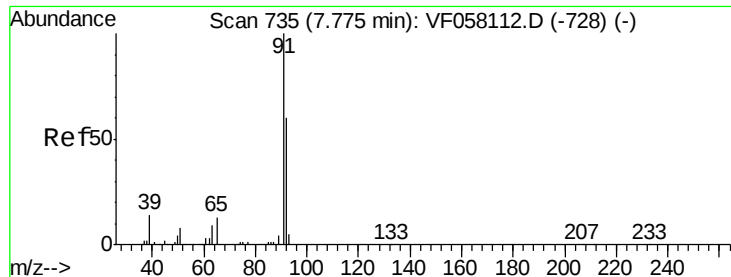
Tot Ion: 88 Resp: 66
Ion Ratio Lower Upper
88 100
43 173.2 47.8 71.8#
58 0.0 59.4 89.0#



#50
Toluene-d8
Concen: 49.705 ug/l
RT: 7.71 min Scan# 728
Delta R.T. 0.00 min
Lab File: VF059244.D
Acq: 20 Jun 2018 23:46

Tgt Ion: 98 Resp: 348785
Ion Ratio Lower Upper
98 100
100 68.1 55.6 83.4

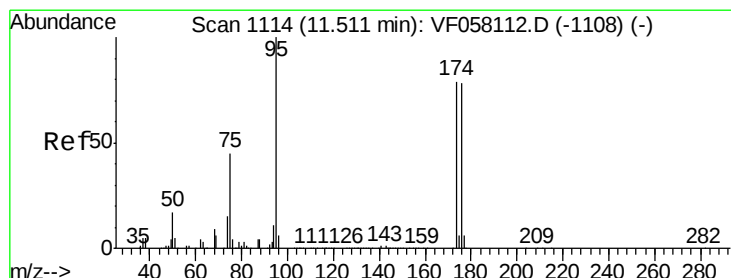
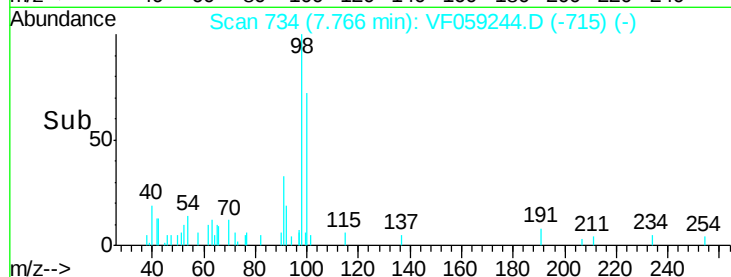
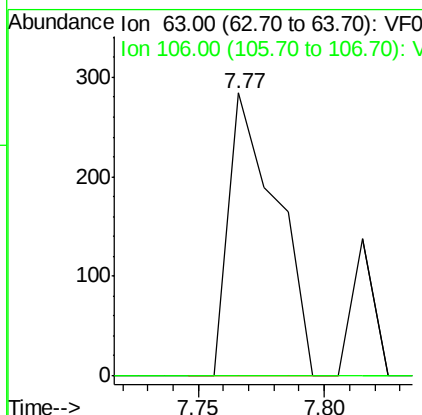
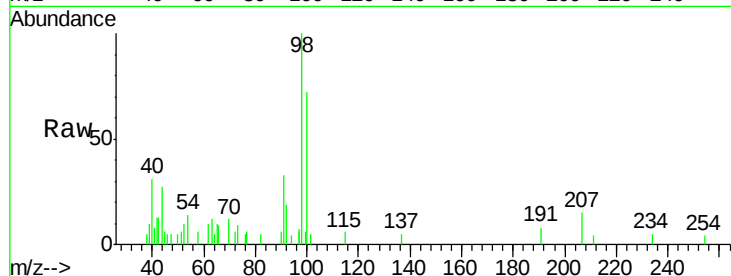




#58
 2-Chloroethyl Vinyl ether
 Concen: 2.093 ug/l
 RT: 7.77 min Scan# 734
 Delta R.T. -0.01 min
 Lab File: VF059244.D
 Acq: 20 Jun 2018 23:46

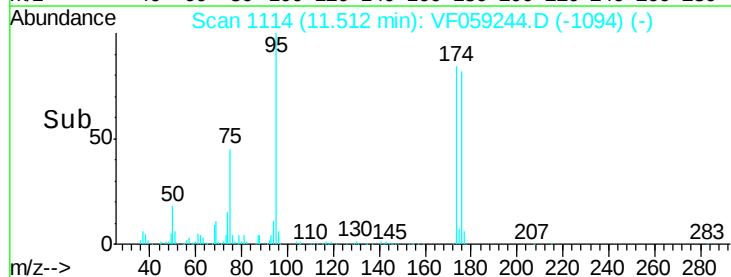
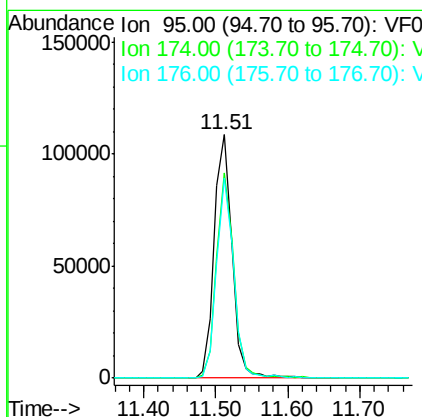
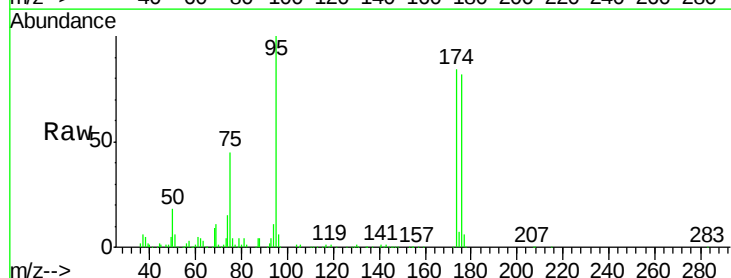
Instrument :
 MSVOA_F
 ClientSampleId :

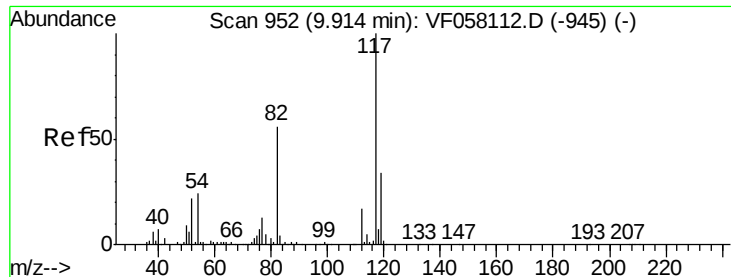
Tot Ion: 63 Resp: 377
 Ion Ratio Lower Upper
 63 100
 106 0.0 0.0 0.0



#62
 4-Bromofluorobenzene
 Concen: 51.406 ug/l
 RT: 11.51 min Scan# 1114
 Delta R.T. 0.00 min
 Lab File: VF059244.D
 Acq: 20 Jun 2018 23:46

Tgt Ion: 95 Resp: 185015
 Ion Ratio Lower Upper
 95 100
 174 84.3 0.0 157.8
 176 82.0 0.0 155.8

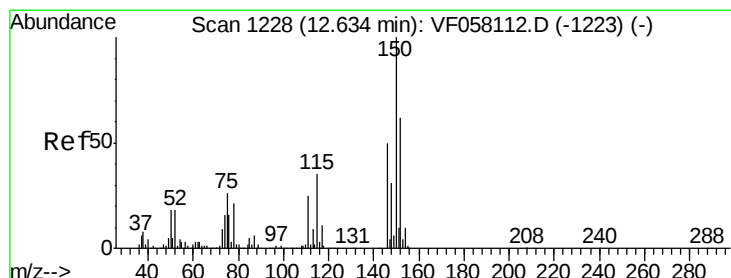
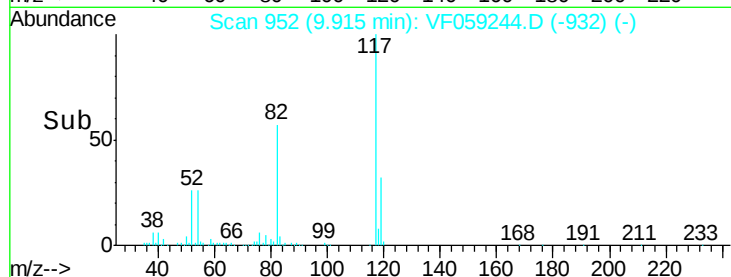
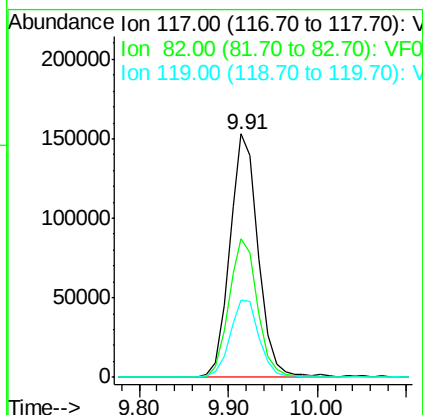
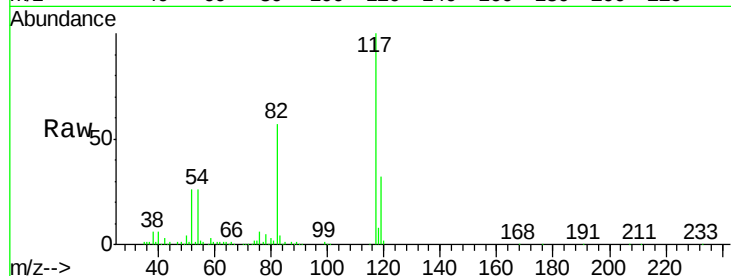




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 952
Delta R.T. 0.00 min
Lab File: VF059244.D
Acq: 20 Jun 2018 23:46

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:117 Resp: 341712
Ion Ratio Lower Upper
117 100
82 57.1 45.2 67.8
119 31.9 27.5 41.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VF059244.D
Acq: 20 Jun 2018 23:46

Tgt Ion:152 Resp: 210472
Ion Ratio Lower Upper
152 100
115 56.1 28.5 85.5
150 155.2 0.0 323.8

