

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF072018\
 Data File : VF059600.D
 Acq On : 21 Jul 2018 00:11
 Operator : VA/AP
 Sample : J4054-06RE
 Misc : 6.41g/5mL/MSVOA F/SOIL
 ALS Vial : 95 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: Jul 21 03:58:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 18 04:09:10 2018
 Response via : Initial Calibration

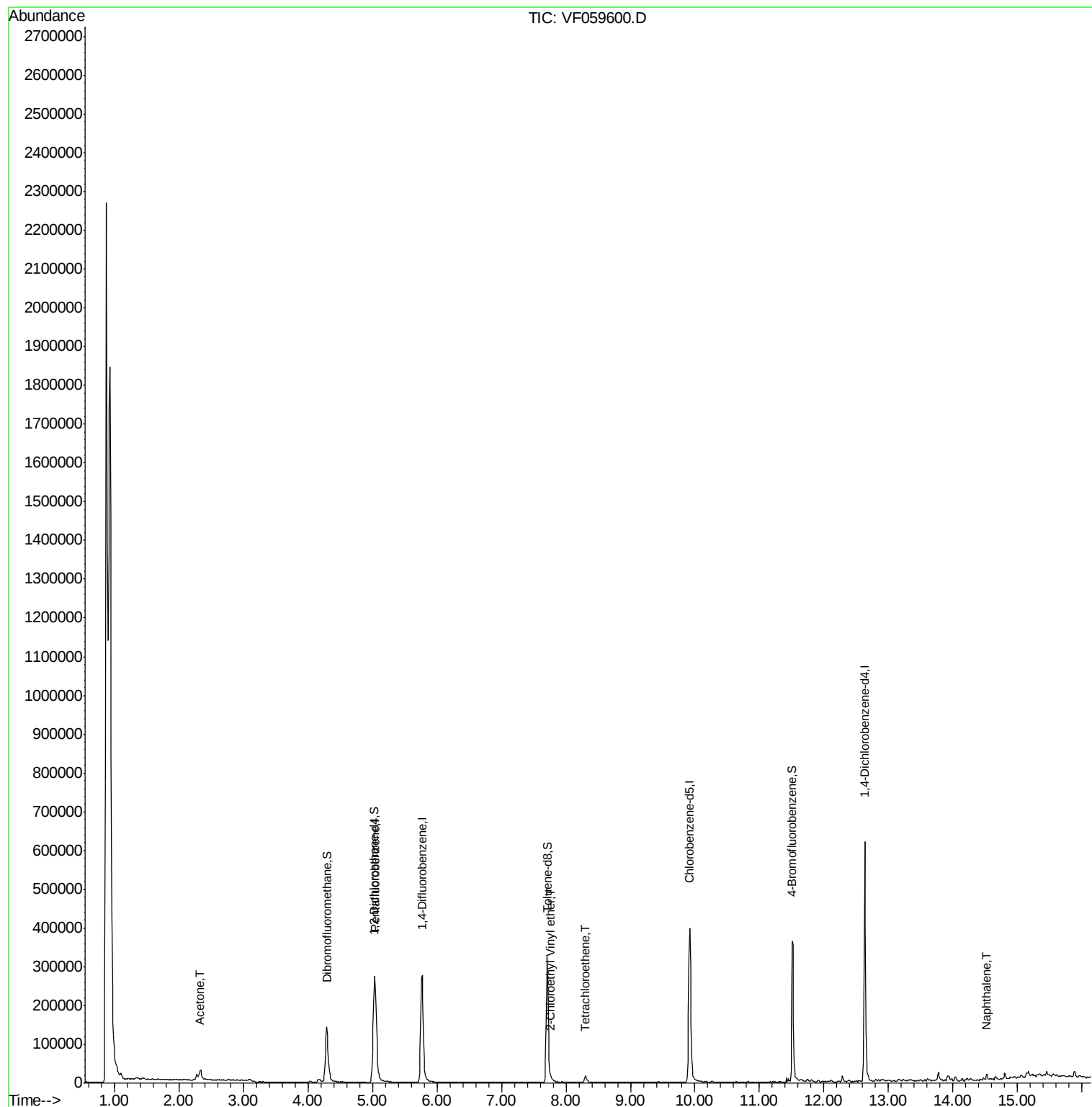
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	191827	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.77	114	286127	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.92	117	280688	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.63	152	152107	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	142750	47.85	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	95.70%	
35) Dibromofluoromethane	4.29	113	124652	50.30	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	100.60%	
50) Toluene-d8	7.71	98	271444	43.49	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	86.98%	
62) 4-Bromofluorobenzene	11.51	95	139771	42.68	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	85.36%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.68	59	523	Below Cal	#	74
13) Acrolein	2.00	56	387	Below Cal		90
16) Acetone	2.33	43	47171	87.999	ug/l	97
18) Methyl Acetate	2.49	43	1911	Below Cal	#	67
29) Tetrahydrofuran	4.26	42	354	Below Cal	#	54
37) Ethyl Acetate	4.31	43	237	Below Cal	#	41
49) 1,4-Dioxane	6.67	88	90	Below Cal	#	15
58) 2-Chloroethyl Vinyl ether	7.77	63	251	1.468	ug/l	100
64) Tetrachloroethene	8.30	164	4276	2.046	ug/l #	81
95) Naphthalene	14.52	128	6184	1.110	ug/l #	92

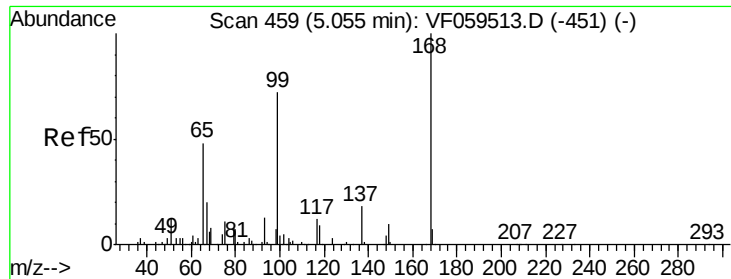
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jul 18 04:09:10 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: VF059600.D

Acq: 21 Jul 2018 00:11

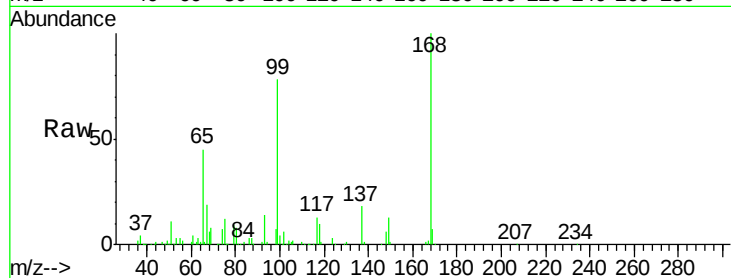
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:168 Resp: 191827

Ion Ratio Lower Upper

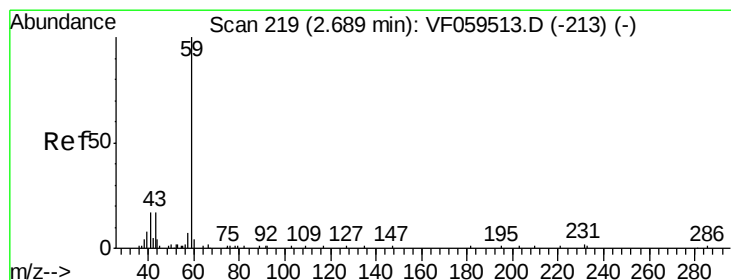
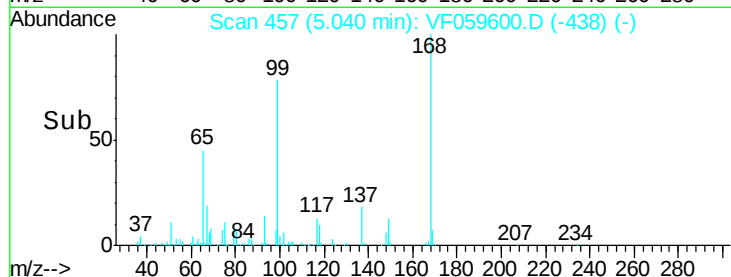
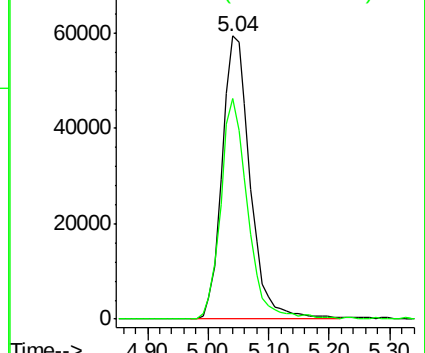
168 100

99 78.0 57.6 86.4



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.68 min Scan# 218

Delta R.T. -0.00 min

Lab File: VF059600.D

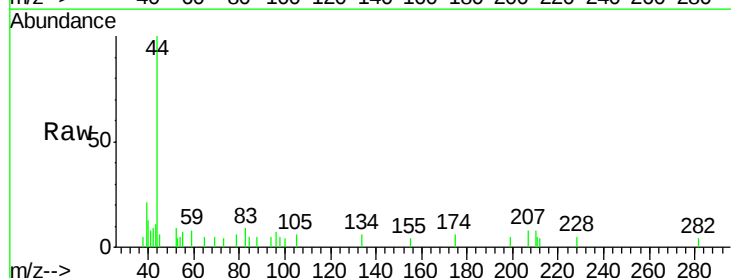
Acq: 21 Jul 2018 00:11

Tgt Ion: 59 Resp: 523

Ion Ratio Lower Upper

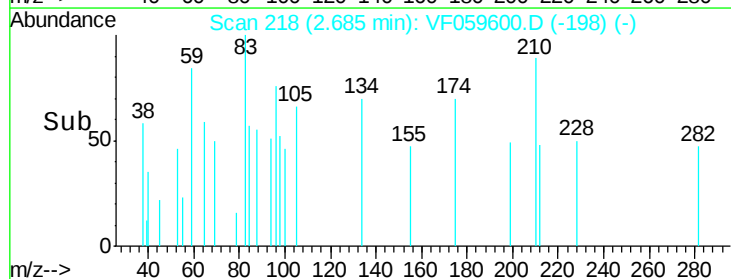
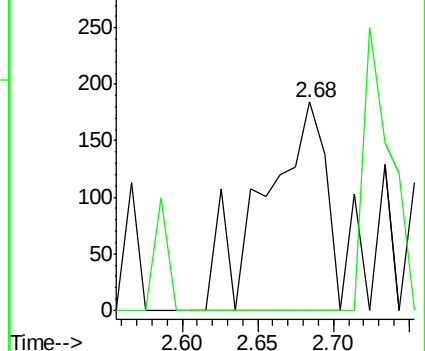
59 100

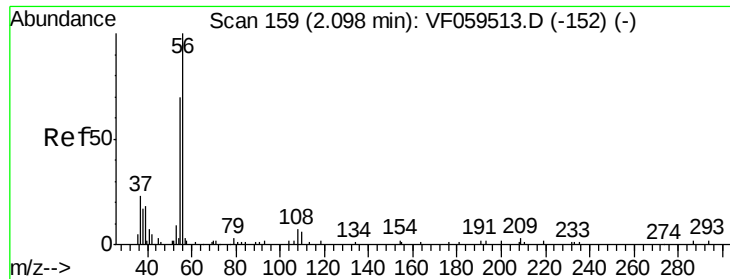
57 0.0 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VF0

Ion 57.00 (56.70 to 57.70): VF0

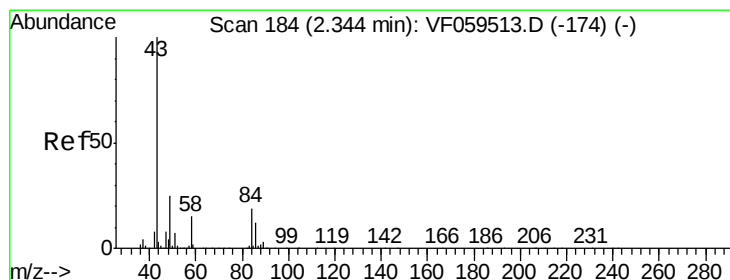
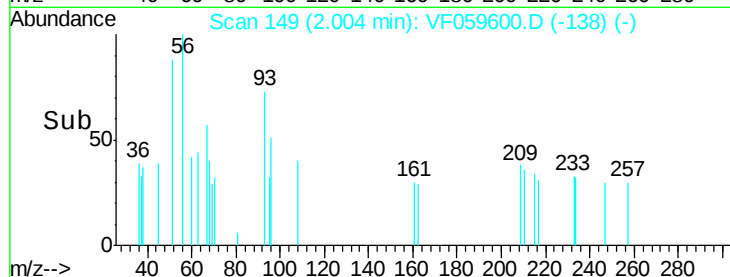
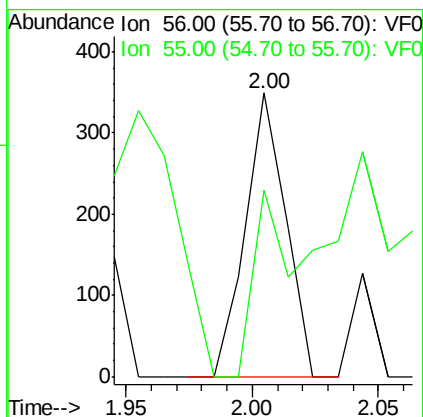
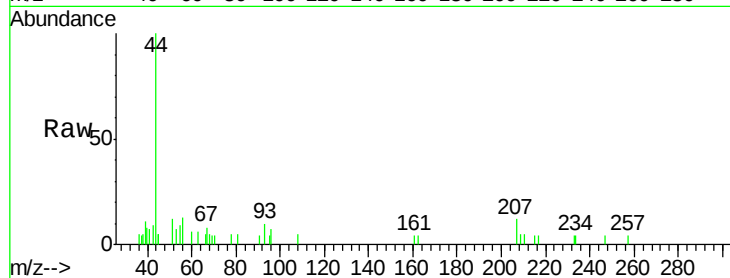




#13
Acrolein
Concen: Below Cal
RT: 2.00 min Scan# 149
Delta R.T. -0.09 min
Lab File: VF059600.D
Acq: 21 Jul 2018 00:11

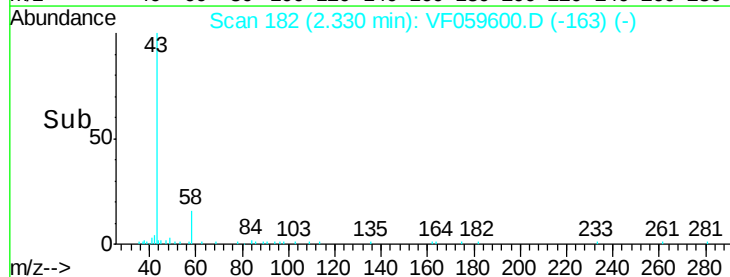
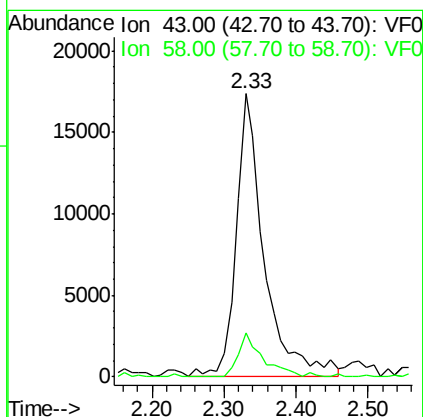
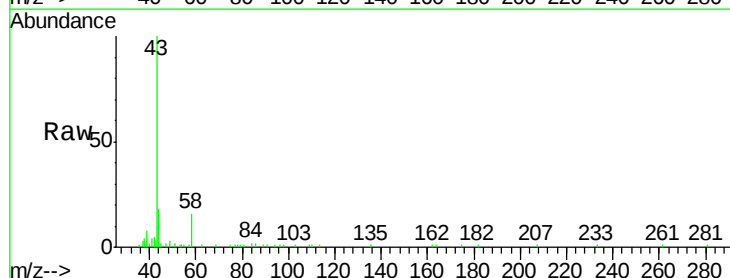
Instrument :
MSVOA_F
ClientSampleId :

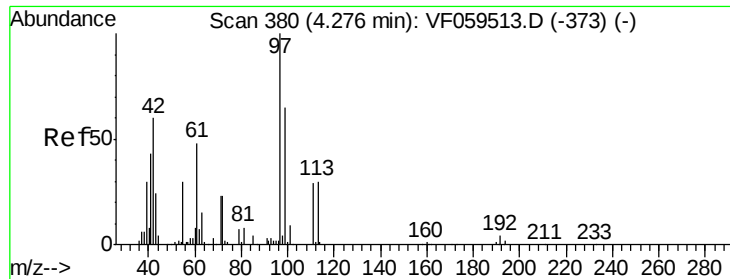
Tot Ion: 56 Resp: 387
Ion Ratio Lower Upper
56 100
55 65.6 59.4 89.2



#16
Acetone
Concen: 87.999 ug/l
RT: 2.33 min Scan# 182
Delta R.T. -0.01 min
Lab File: VF059600.D
Acq: 21 Jul 2018 00:11

Tgt Ion: 43 Resp: 47171
Ion Ratio Lower Upper
43 100
58 15.8 11.8 17.6

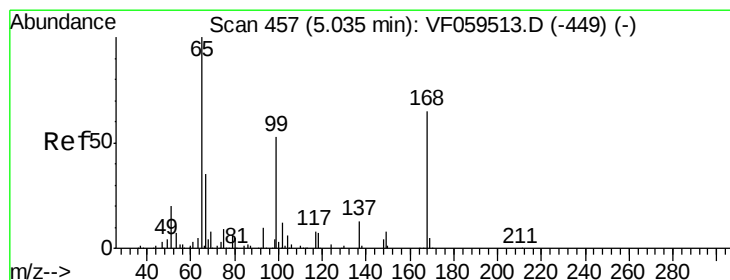
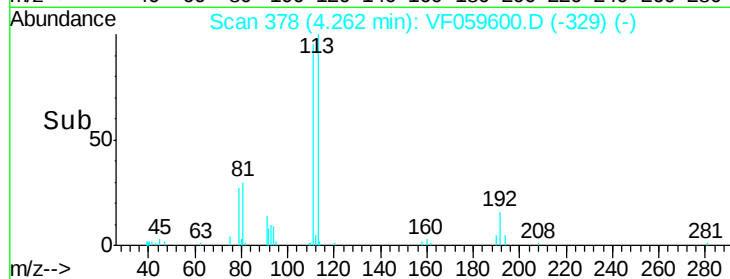
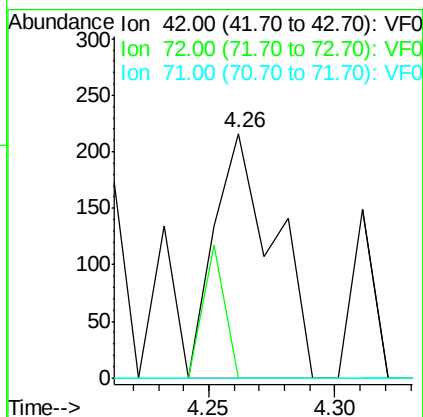
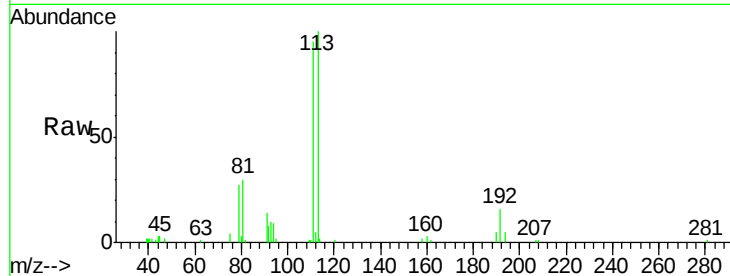




#29
Tetrahydrofuran
Concen: Below Cal
RT: 4.26 min Scan# 378
Delta R.T. -0.01 min
Lab File: VF059600.D
Acq: 21 Jul 2018 00:11

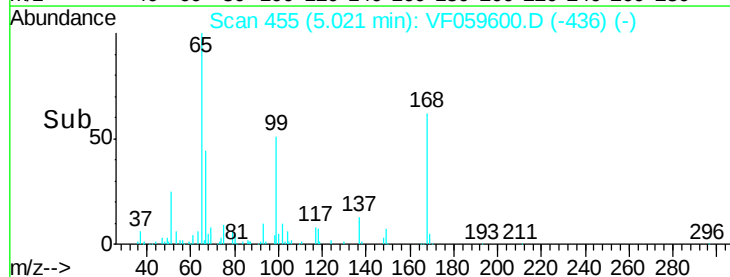
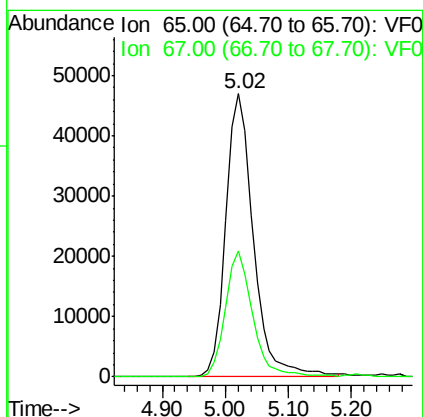
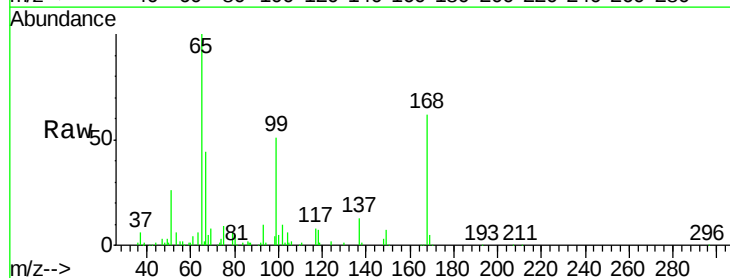
Instrument :
MSVOA_F
ClientSampled :

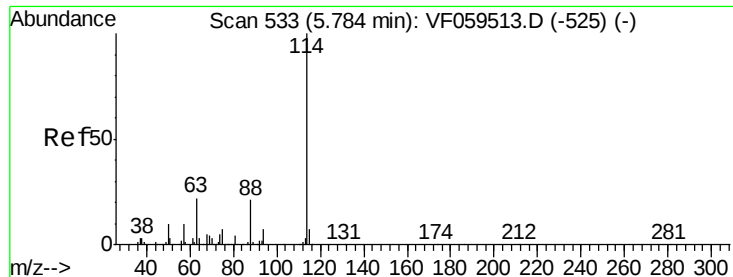
Tot Ion	Ratio	Lower	Upper
42	100		
72	19.8	28.7	43.1#
71	0.0	30.8	46.2#



#33
1,2-Dichloroethane-d4
Concen: 47.848 ug/l
RT: 5.02 min Scan# 455
Delta R.T. -0.01 min
Lab File: VF059600.D
Acq: 21 Jul 2018 00:11

Tgt Ion	Ratio	Lower	Upper
65	100		
67	44.3	0.0	91.2

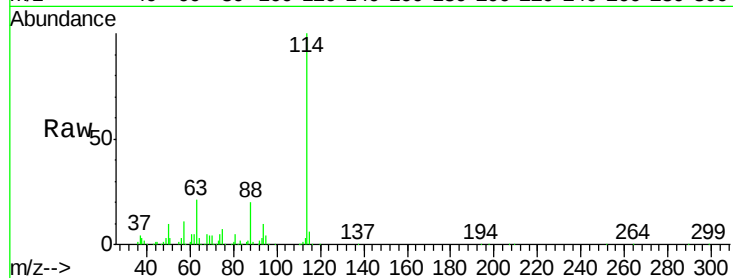




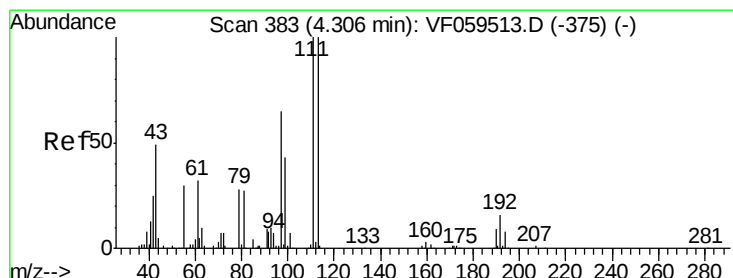
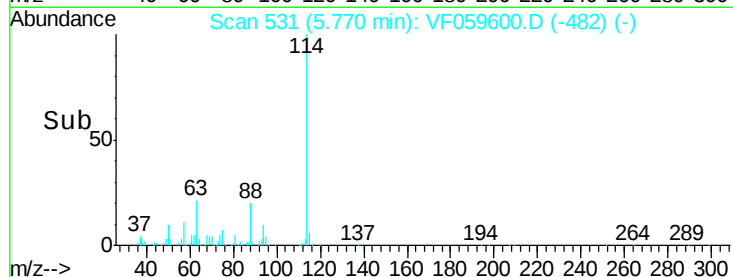
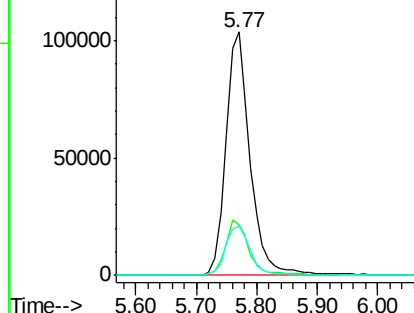
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.77 min Scan# 531
Delta R.T. -0.01 min
Lab File: VF059600.D
Acq: 21 Jul 2018 00:11

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:114 Resp: 286127
Ion Ratio Lower Upper
114 100
63 20.8 0.0 44.8
88 20.2 0.0 42.6

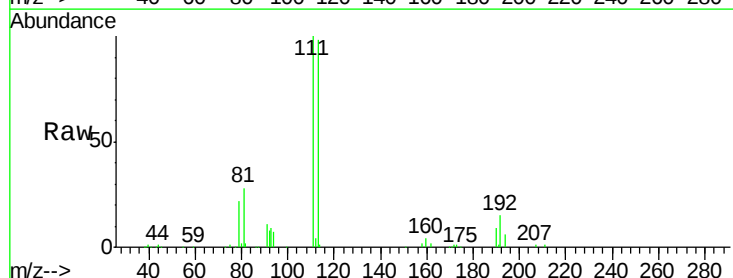


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 63.00 (62.70 to 63.70): VF0
Ion 88.00 (87.70 to 88.70): VF0

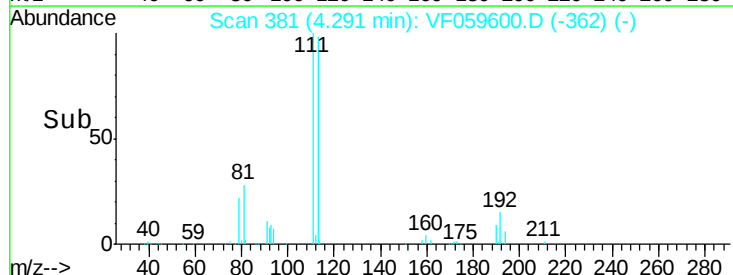
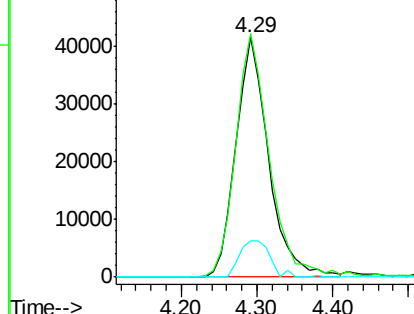


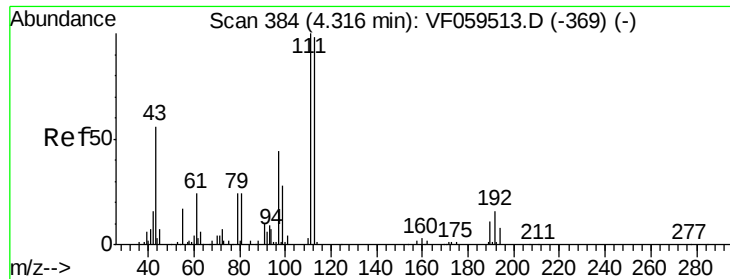
#35
Dibromofluoromethane
Concen: 50.302 ug/l
RT: 4.29 min Scan# 381
Delta R.T. -0.01 min
Lab File: VF059600.D
Acq: 21 Jul 2018 00:11

Tgt Ion:113 Resp: 124652
Ion Ratio Lower Upper
113 100
111 101.8 80.3 120.5
192 15.3 13.1 19.7



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





#37

Ethyl Acetate

Concen: Below Cal

RT: 4.31 min Scan# 383

Delta R.T. -0.00 min

Lab File: VF059600.D

Acq: 21 Jul 2018 00:11

Instrument :

MSVOA_F

ClientSampleId :

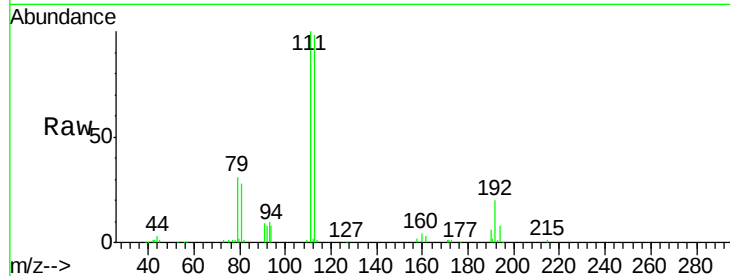
Tot Ion: 43 Resp: 237

Ion Ratio Lower Upper

43 100

61 0.0 33.7 50.5#

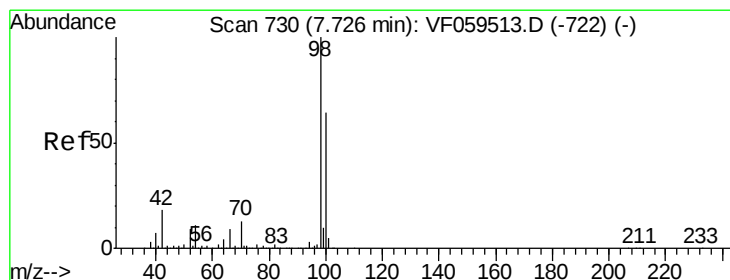
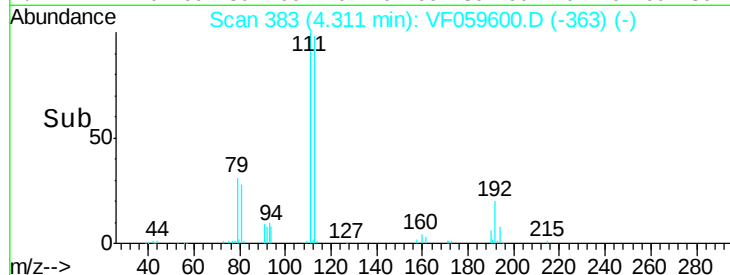
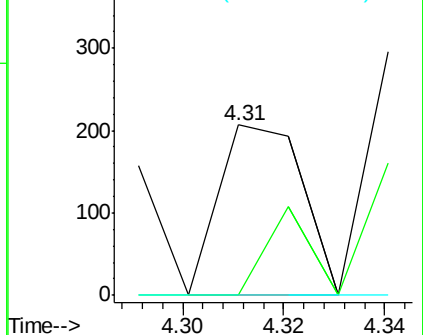
70 0.0 7.4 11.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 70.00 (69.70 to 70.70): VF0



#50

Toluene-d8

Concen: 43.486 ug/l

RT: 7.71 min Scan# 728

Delta R.T. -0.01 min

Lab File: VF059600.D

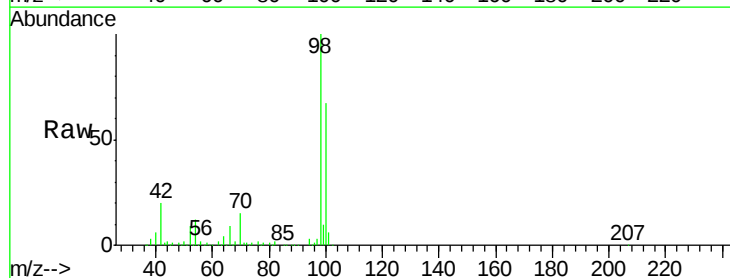
Acq: 21 Jul 2018 00:11

Tgt Ion: 98 Resp: 271444

Ion Ratio Lower Upper

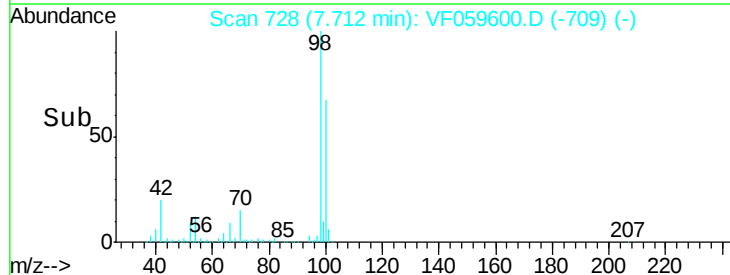
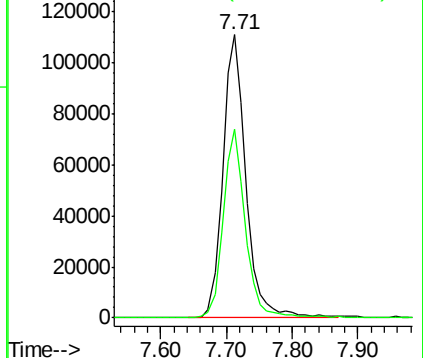
98 100

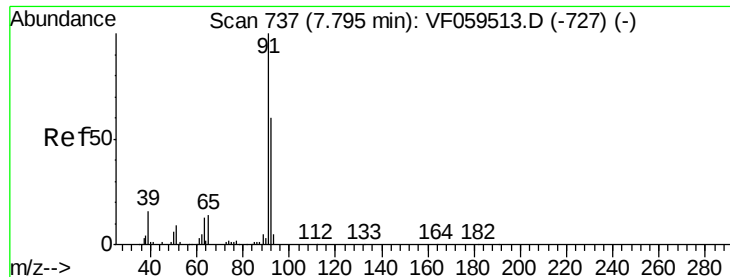
100 66.6 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0

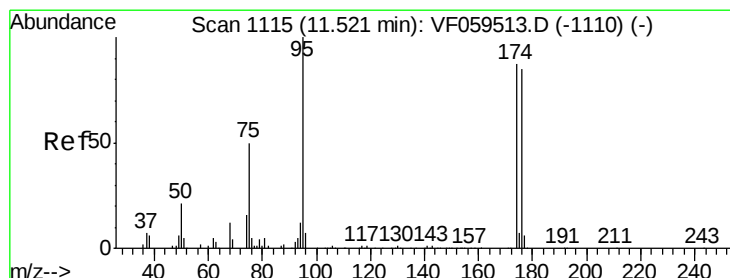
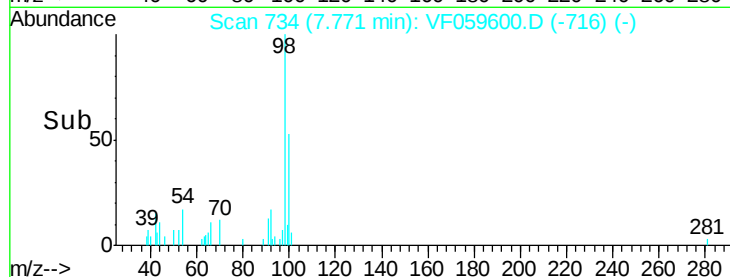
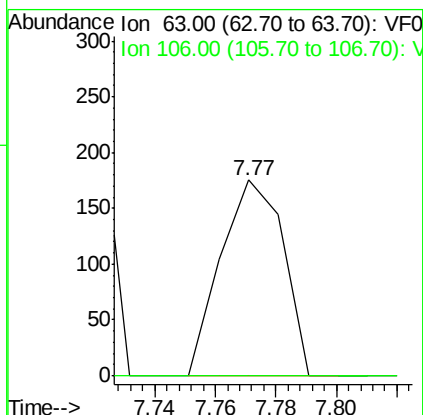
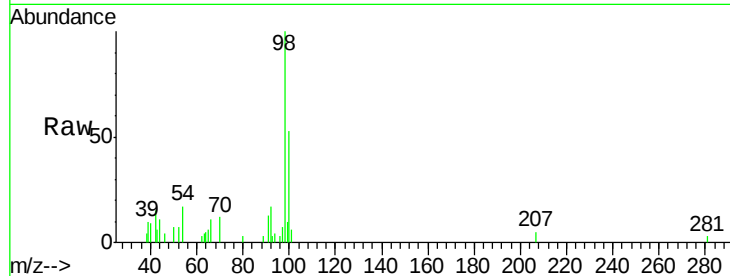




#58
 2-Chloroethyl Vinyl ether
 Concen: 1.468 ug/l
 RT: 7.77 min Scan# 734
 Delta R.T. -0.02 min
 Lab File: VF059600.D
 Acq: 21 Jul 2018 00:11

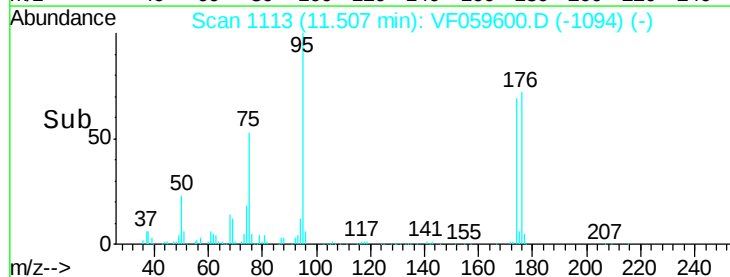
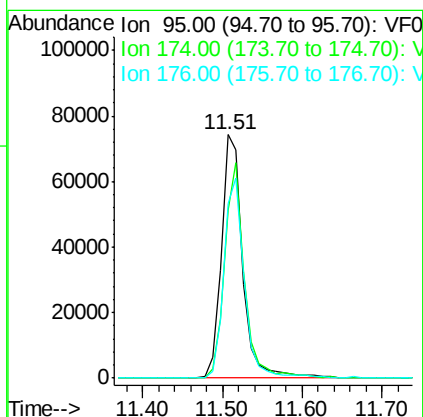
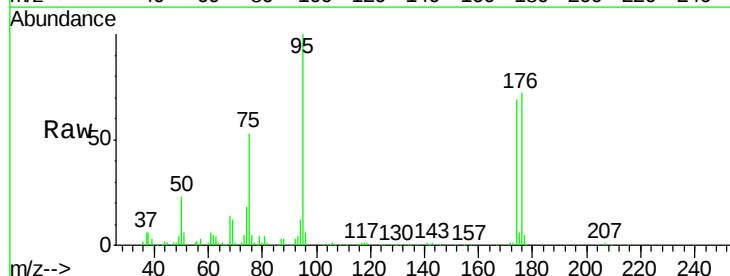
Instrument :
 MSVOA_F
 ClientSampled :

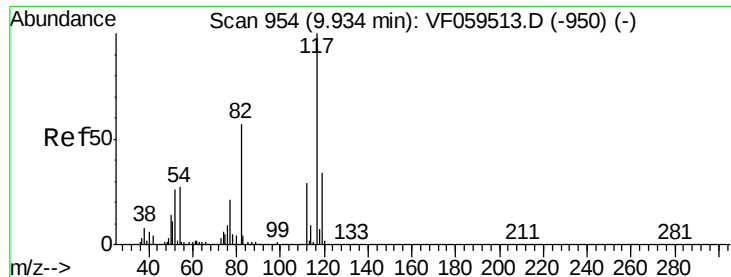
Tot Ion: 63 Resp: 251
 Ion Ratio Lower Upper
 63 100
 106 0.0 0.0 0.0



#62
 4-Bromofluorobenzene
 Concen: 42.683 ug/l
 RT: 11.51 min Scan# 1113
 Delta R.T. -0.01 min
 Lab File: VF059600.D
 Acq: 21 Jul 2018 00:11

Tgt Ion: 95 Resp: 139771
 Ion Ratio Lower Upper
 95 100
 174 68.9 0.0 174.4
 176 71.5 0.0 169.4

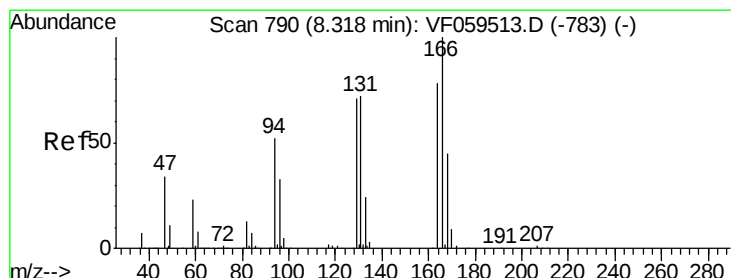
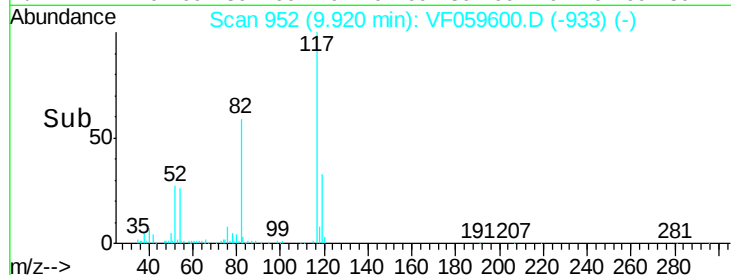
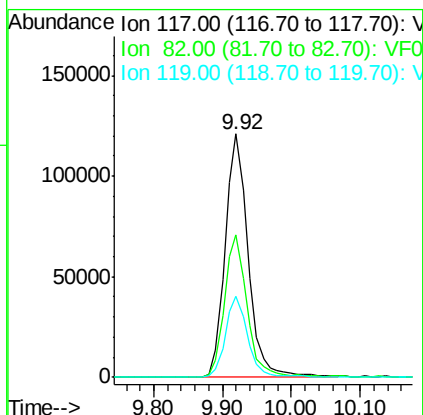
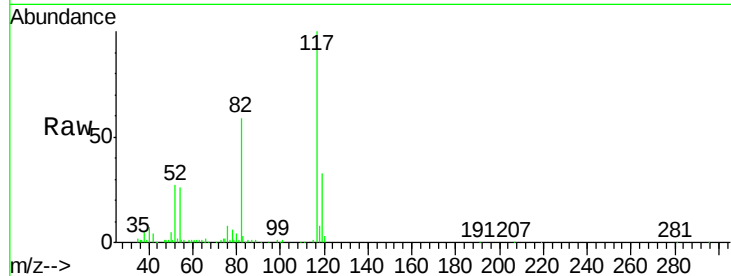




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 952
Delta R.T. -0.01 min
Lab File: VF059600.D
Acq: 21 Jul 2018 00:11

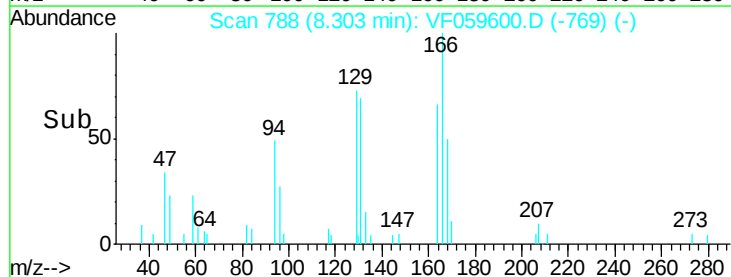
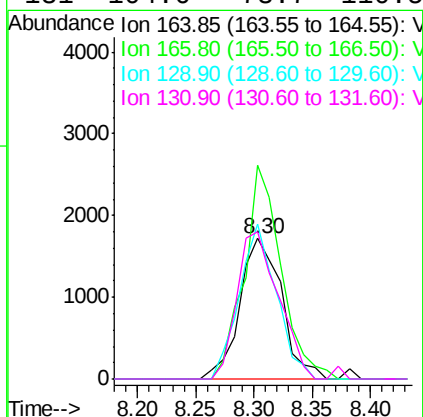
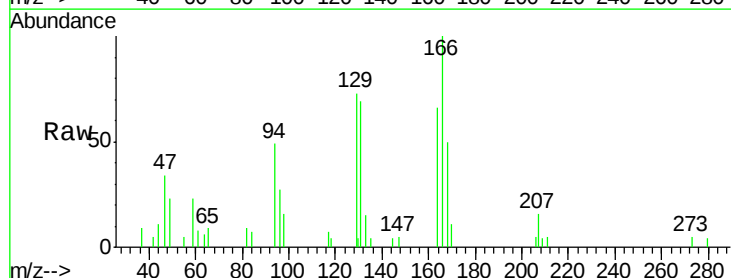
Instrument :
MSVOA_F
ClientSampleId :

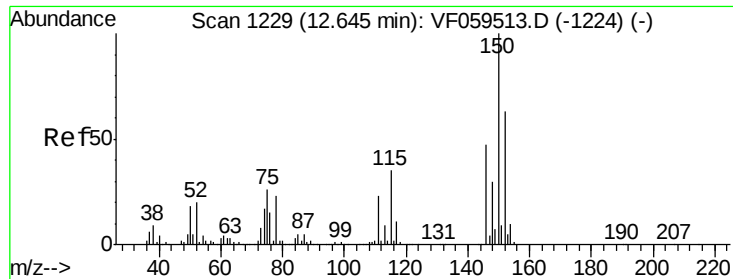
Tot Ion:117 Resp: 280688
Ion Ratio Lower Upper
117 100
82 58.6 46.1 69.1
119 33.0 27.2 40.8



#64
Tetrachloroethene
Concen: 2.046 ug/l
RT: 8.30 min Scan# 788
Delta R.T. -0.01 min
Lab File: VF059600.D
Acq: 21 Jul 2018 00:11

Tgt Ion:164 Resp: 4276
Ion Ratio Lower Upper
164 100
166 152.3 102.3 153.5
129 110.7 72.4 108.6#
131 104.6 73.7 110.5



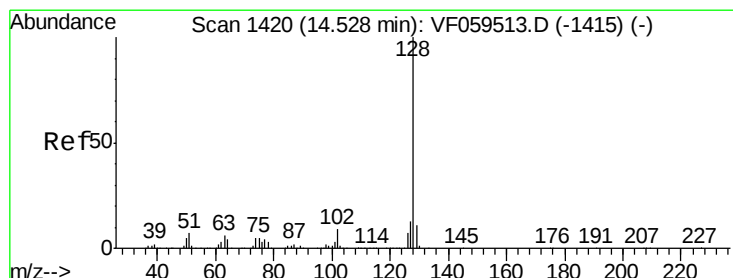
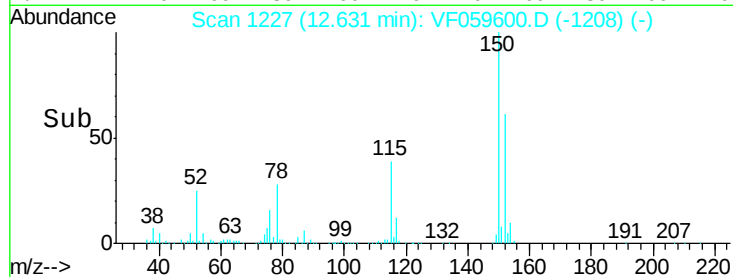
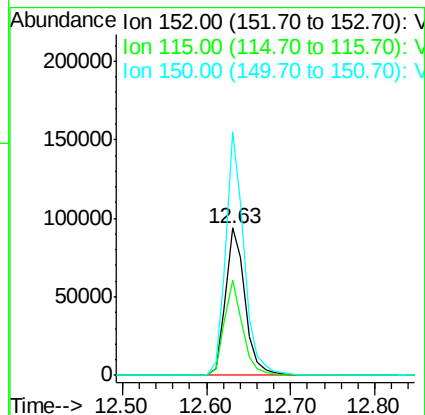
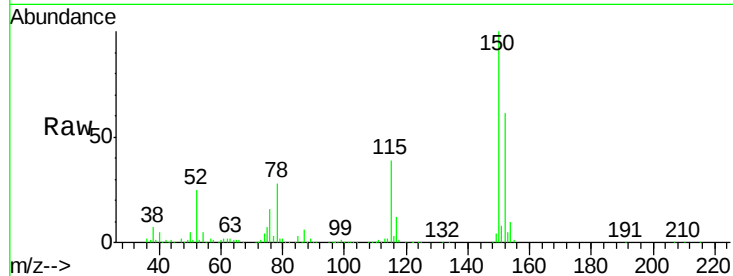


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VF059600.D
Acq: 21 Jul 2018 00:11

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:152 Resp: 152107
Ion Ratio Lower Upper
152 100
115 64.1 27.8 83.3
150 165.0 0.0 318.4



#95

Naphthalene
Concen: 1.110 ug/l
RT: 14.52 min Scan# 1419
Delta R.T. -0.00 min
Lab File: VF059600.D
Acq: 21 Jul 2018 00:11

Tgt Ion:128 Resp: 6184
Ion Ratio Lower Upper
128 100
127 17.4 10.2 15.2#
129 12.4 9.0 13.4

