

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071918\
 Data File : VF059573.D
 Acq On : 19 Jul 2018 23:41
 Operator : VA/AP
 Sample : J4054-06
 Misc : 6.38g/5mL/MSVOA F/SOIL
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: Jul 20 04:54:24 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

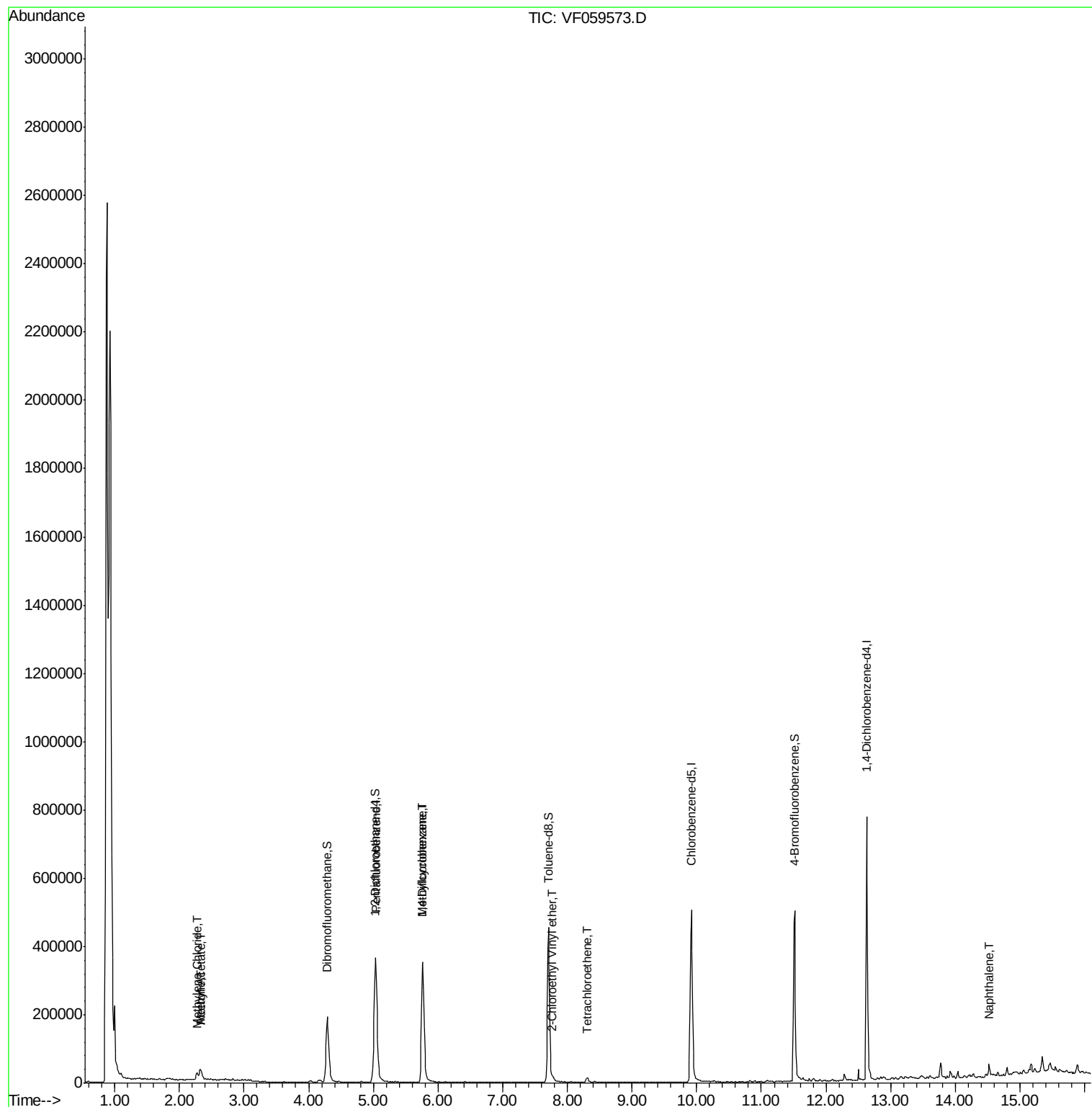
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	267411	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.77	114	393602	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.92	117	376519	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	206387	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	179277	43.11	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	86.22%	
35) Dibromofluoromethane	4.29	113	174894	51.31	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	102.62%	
50) Toluene-d8	7.71	98	380617	44.33	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	88.66%	
62) 4-Bromofluorobenzene	11.51	95	186760	41.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.92%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.67	59	281	Below Cal	#	74
13) Acrolein	2.18	56	110	Below Cal		99
16) Acetone	2.33	43	52769	64.499	ug/l	97
18) Methyl Acetate	2.33	43	52522	40.789	ug/l #	69
20) Methylene Chloride	2.28	84	12223	2.126	ug/l #	93
29) Tetrahydrofuran	4.25	42	261	Below Cal	#	63
37) Ethyl Acetate	4.31	43	375	Below Cal	#	41
39) Methylcyclohexane	5.77	83	5665	1.895	ug/l #	35
49) 1,4-Dioxane	6.80	88	62	Below Cal	#	23
58) 2-Chloroethyl Vinyl ether	7.78	63	318	1.352	ug/l	100
64) Tetrachloroethene	8.30	164	3911	1.395	ug/l #	74
95) Naphthalene	14.52	128	20021	2.648	ug/l	98

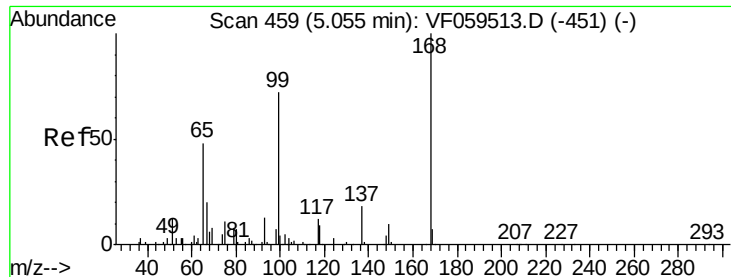
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF071918\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
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. -0.02 min

Lab File: VF059573.D

Acq: 19 Jul 2018 23:41

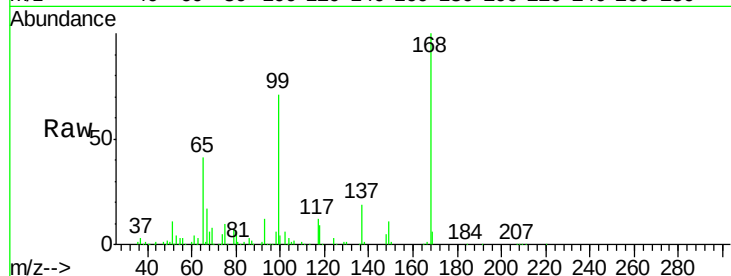
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:168 Resp: 267411

Ion Ratio Lower Upper

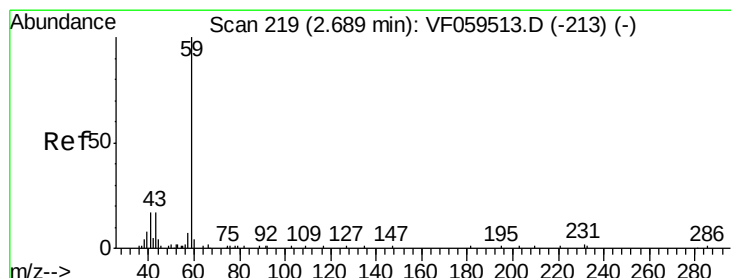
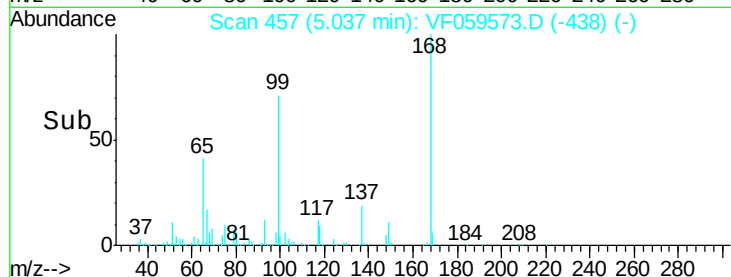
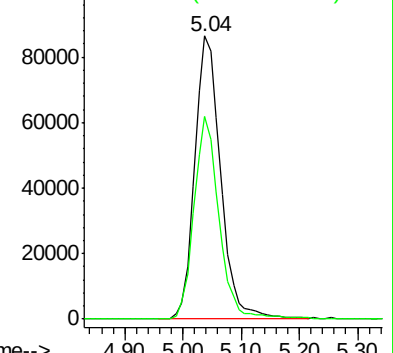
168 100

99 71.5 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: 2.67 min Scan# 217

Delta R.T. -0.02 min

Lab File: VF059573.D

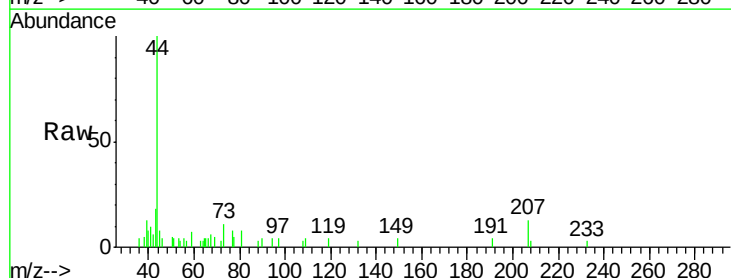
Acq: 19 Jul 2018 23:41

Tgt Ion: 59 Resp: 281

Ion Ratio Lower Upper

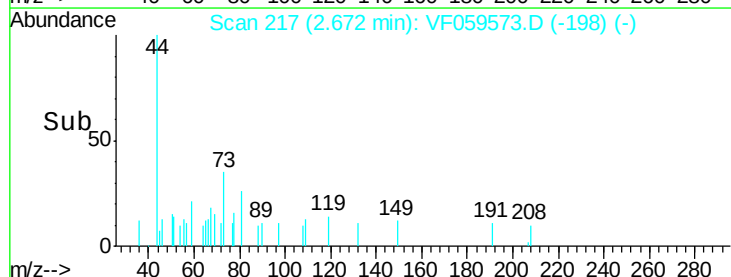
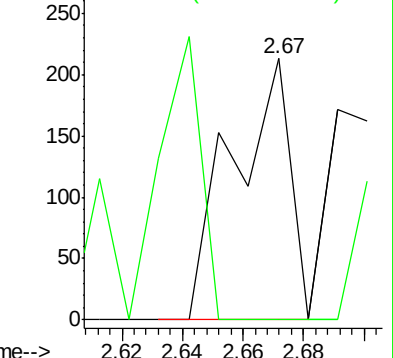
59 100

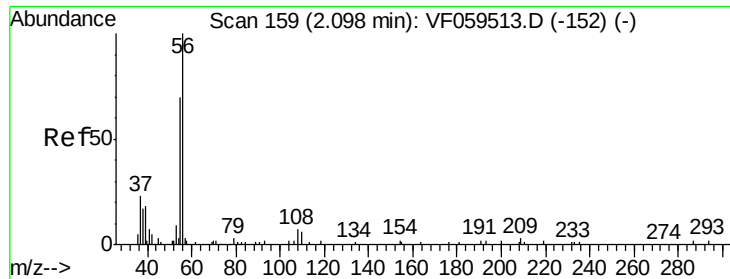
57 0.0 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VF0

Ion 57.00 (56.70 to 57.70): VF0

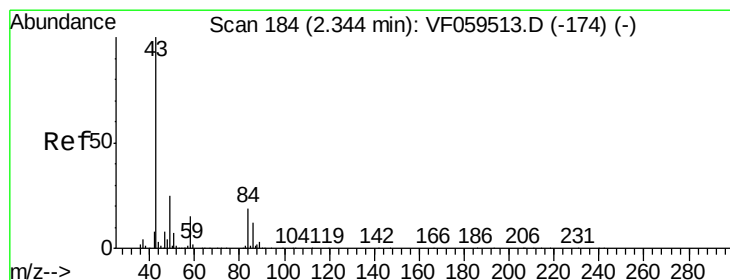
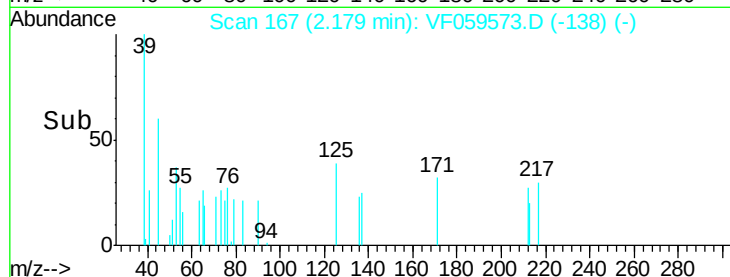
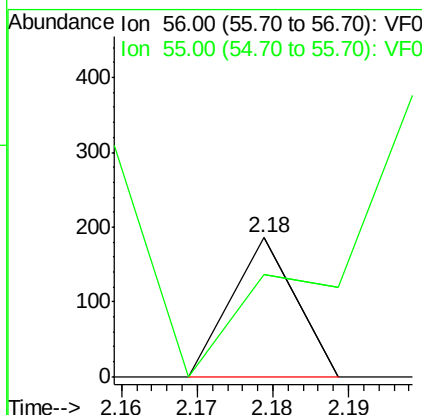
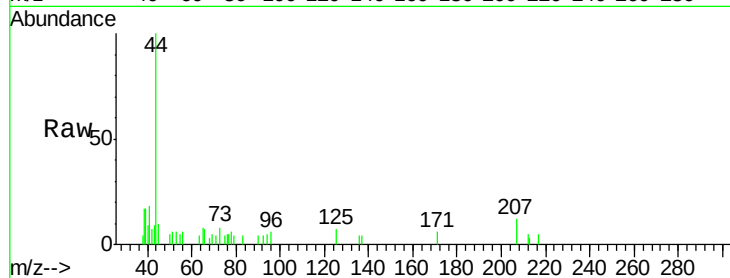




#13
Acrolein
Concen: Below Cal
RT: 2.18 min Scan# 167
Delta R.T. 0.08 min
Lab File: VF059573.D
Acq: 19 Jul 2018 23:41

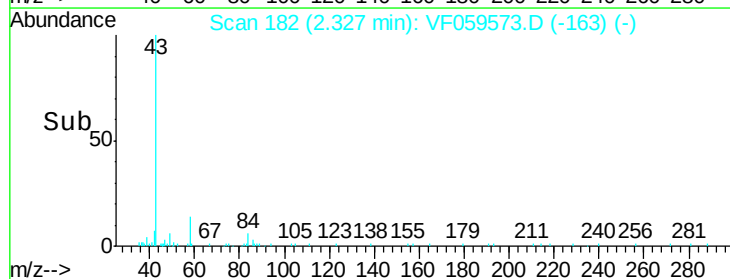
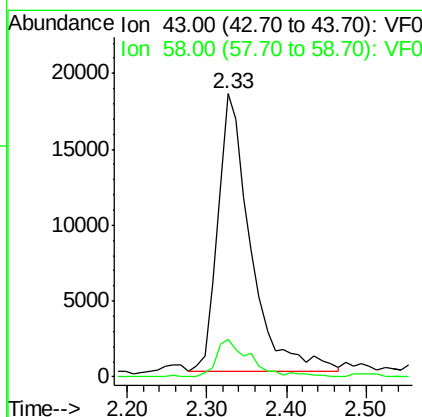
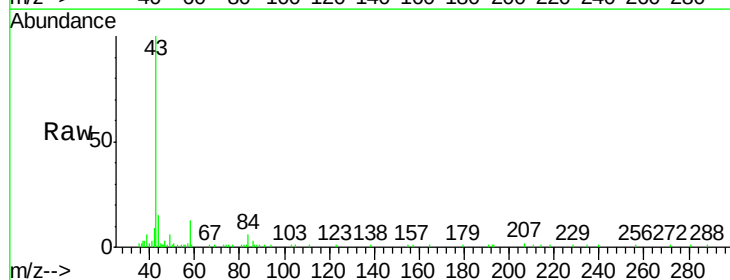
Instrument :
MSVOA_F
ClientSampleId :

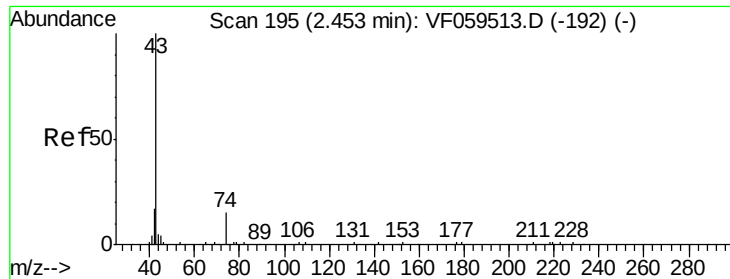
Tot Ion: 56 Resp: 110
Ion Ratio Lower Upper
56 100
55 73.7 59.4 89.2



#16
Acetone
Concen: 64.499 ug/l
RT: 2.33 min Scan# 182
Delta R.T. -0.02 min
Lab File: VF059573.D
Acq: 19 Jul 2018 23:41

Tgt Ion: 43 Resp: 52769
Ion Ratio Lower Upper
43 100
58 13.3 11.8 17.6

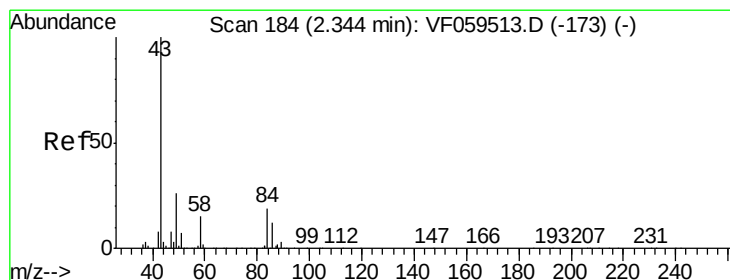
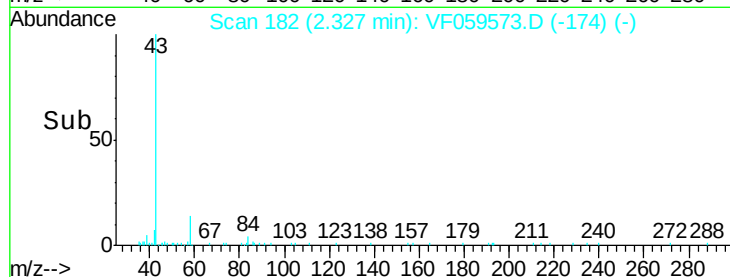
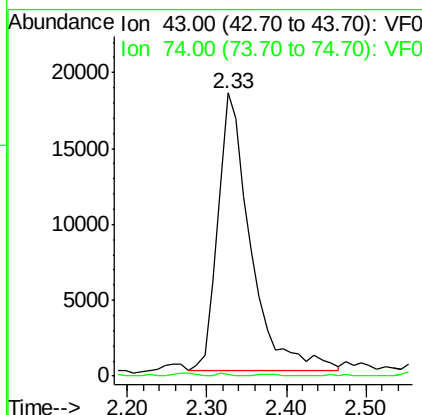
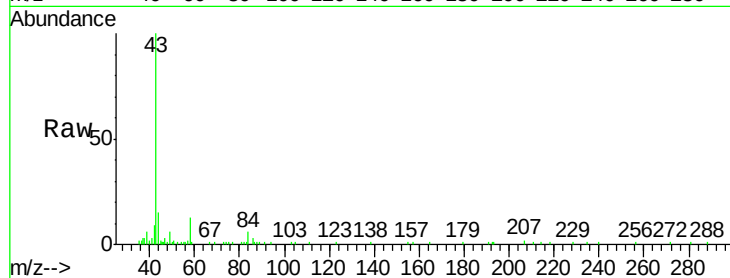




#18
Methyl Acetate
Concen: 40.789 ug/l
RT: 2.33 min Scan# 182
Delta R.T. -0.13 min
Lab File: VF059573.D
Acq: 19 Jul 2018 23:41

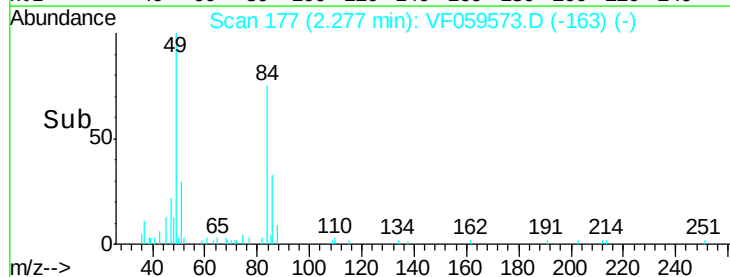
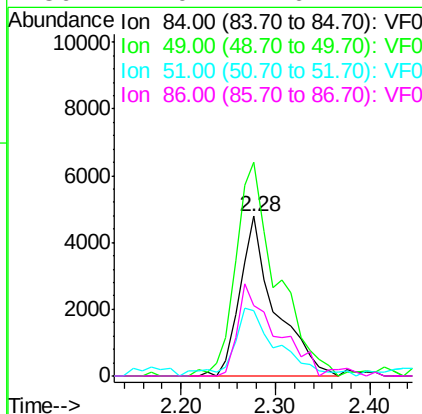
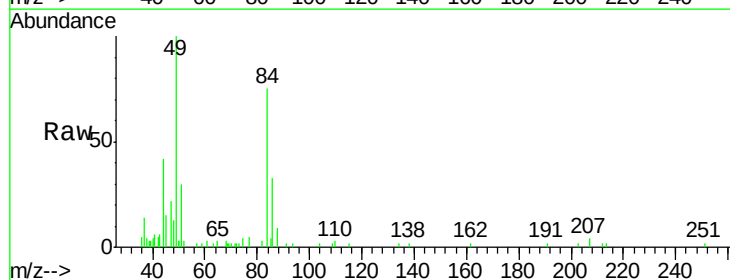
Instrument :
MSVOA_F
ClientSampleId :

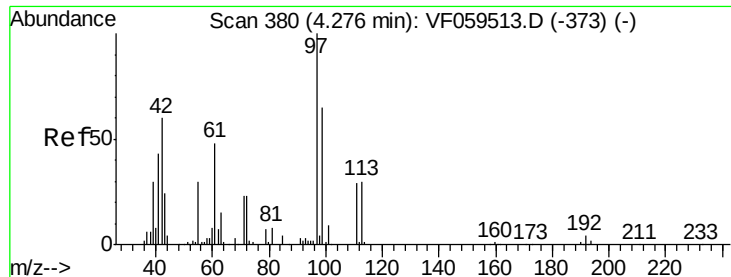
Tot Ion: 43 Resp: 52522
Ion Ratio Lower Upper
43 100
74 0.6 10.6 15.8#



#20
Methylene Chloride
Concen: 2.126 ug/l
RT: 2.28 min Scan# 177
Delta R.T. -0.07 min
Lab File: VF059573.D
Acq: 19 Jul 2018 23:41

Tgt Ion: 84 Resp: 12223
Ion Ratio Lower Upper
84 100
49 133.9 109.4 164.2
51 40.6 30.5 45.7
86 44.0 47.6 71.4#

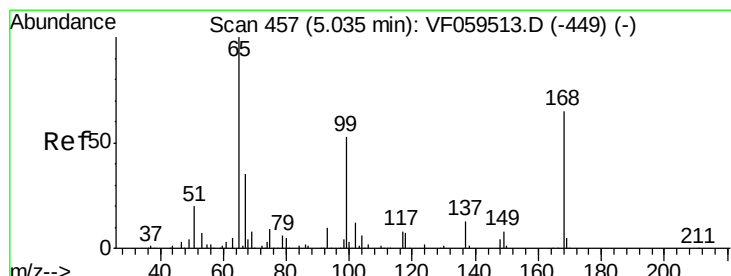
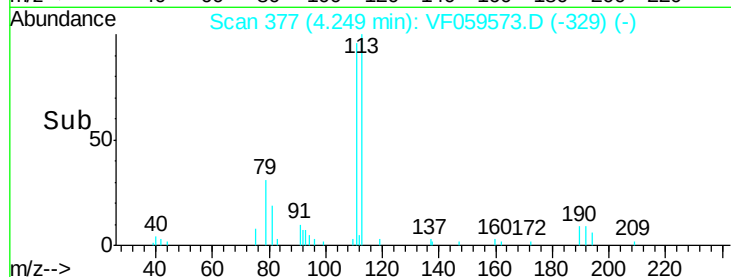
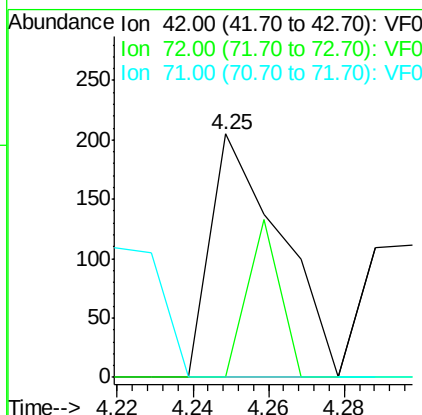
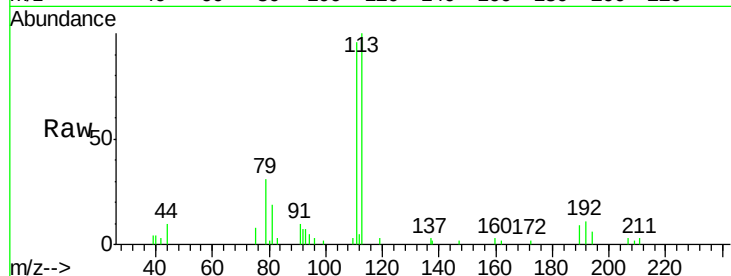




#29
Tetrahydrofuran
Concen: Below Cal
RT: 4.25 min Scan# 377
Delta R.T. -0.03 min
Lab File: VF059573.D
Acq: 19 Jul 2018 23:41

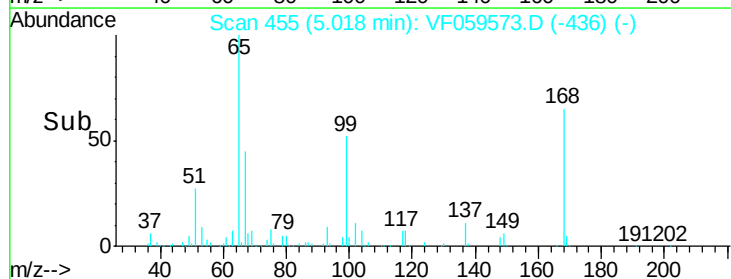
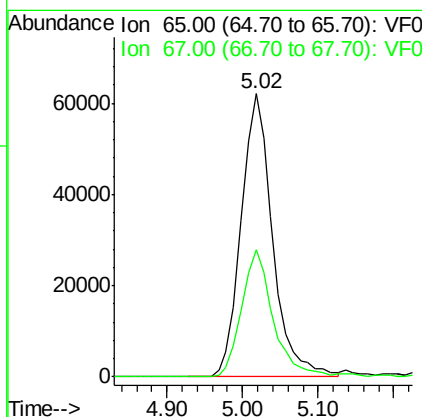
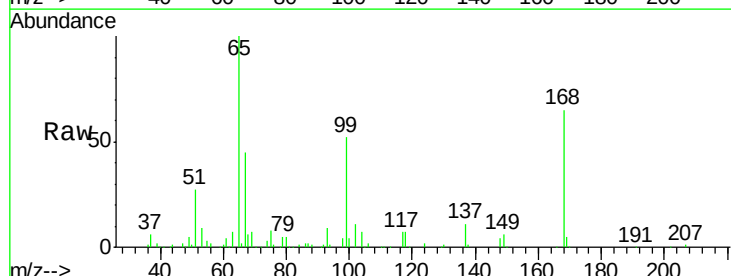
Instrument :
MSVOA_F
ClientSampled :

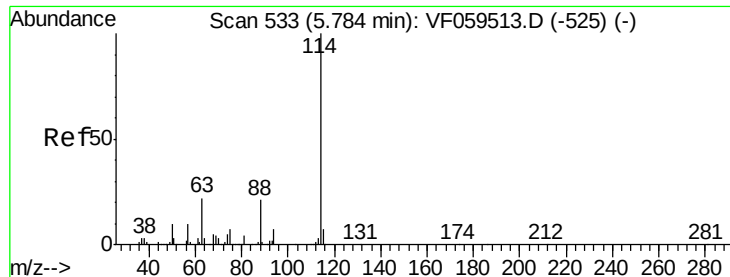
Tot Ion: 42 Resp: 261
Ion Ratio Lower Upper
42 100
72 30.3 28.7 43.1
71 0.0 30.8 46.2#



#33
1,2-Dichloroethane-d4
Concen: 43.107 ug/l
RT: 5.02 min Scan# 455
Delta R.T. -0.02 min
Lab File: VF059573.D
Acq: 19 Jul 2018 23:41

Tgt Ion: 65 Resp: 179277
Ion Ratio Lower Upper
65 100
67 44.8 0.0 91.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.77 min Scan# 531

Delta R.T. -0.02 min

Lab File: VF059573.D

Acq: 19 Jul 2018 23:41

Instrument :

MSVOA_F

ClientSampleId :

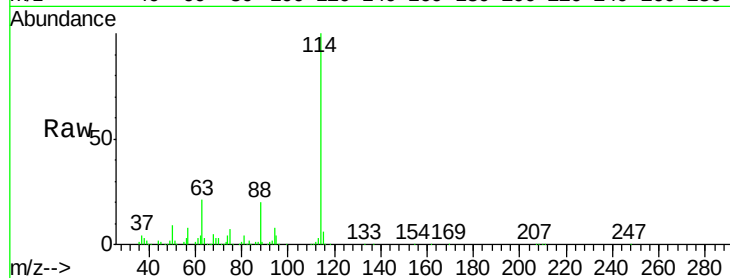
Tot Ion:114 Resp: 393602

Ion Ratio Lower Upper

114 100

63 21.3 0.0 44.8

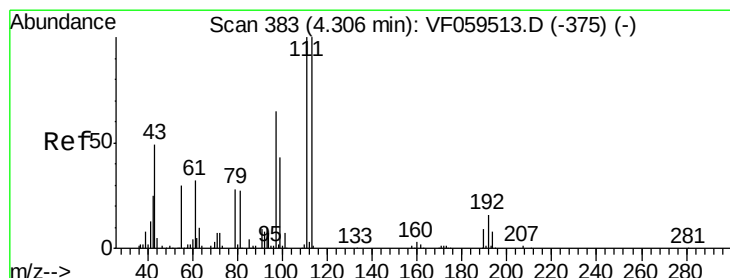
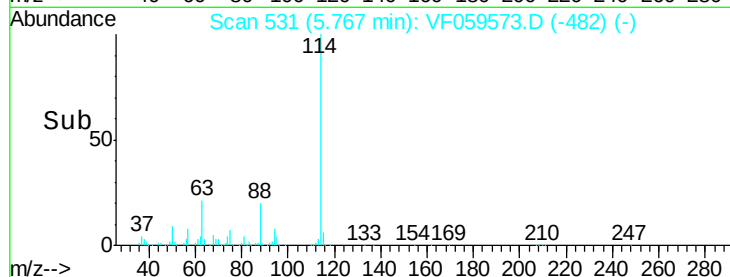
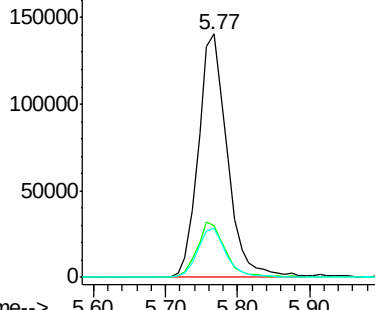
88 20.3 0.0 42.6



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: 51.305 ug/l

RT: 4.29 min Scan# 381

Delta R.T. -0.02 min

Lab File: VF059573.D

Acq: 19 Jul 2018 23:41

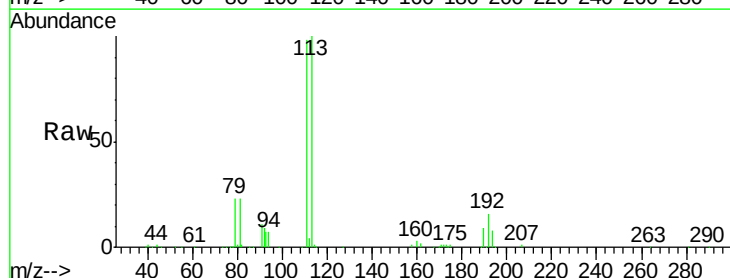
Tgt Ion:113 Resp: 174894

Ion Ratio Lower Upper

113 100

111 98.3 80.3 120.5

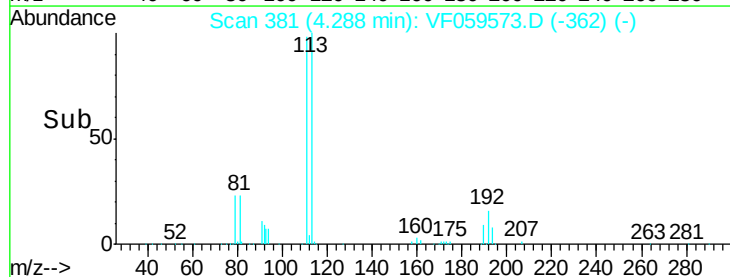
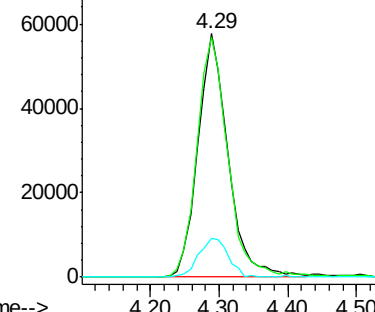
192 15.7 13.1 19.7

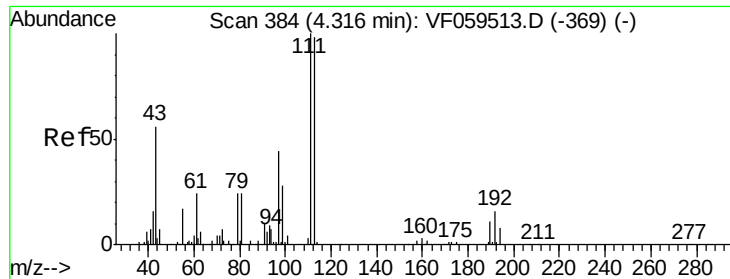


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

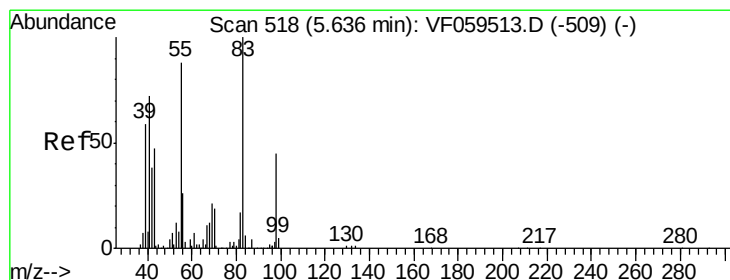
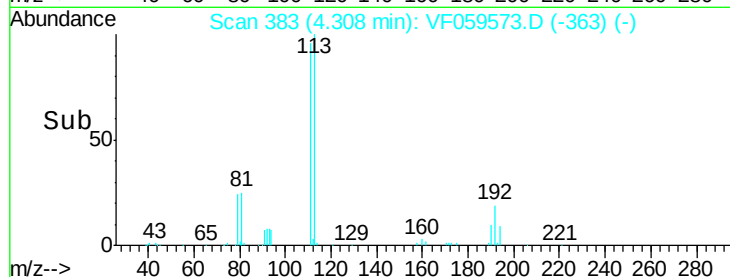
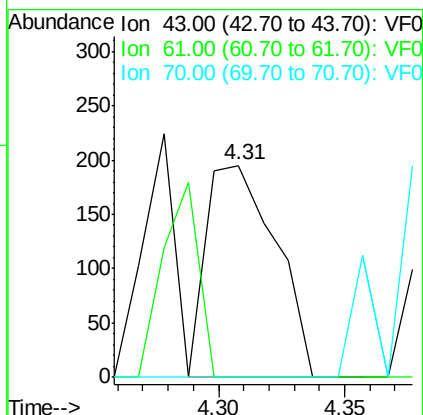
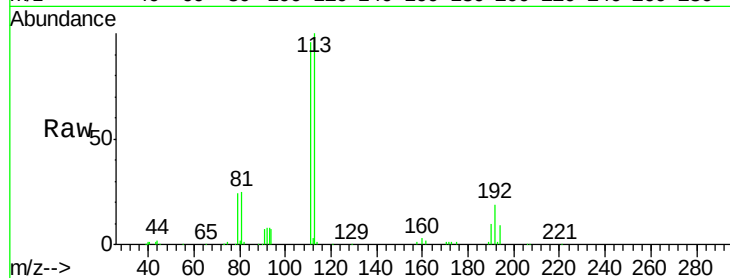




#37
Ethyl Acetate
Concen: Below Cal
RT: 4.31 min Scan# 383
Delta R.T. -0.01 min
Lab File: VF059573.D
Acq: 19 Jul 2018 23:41

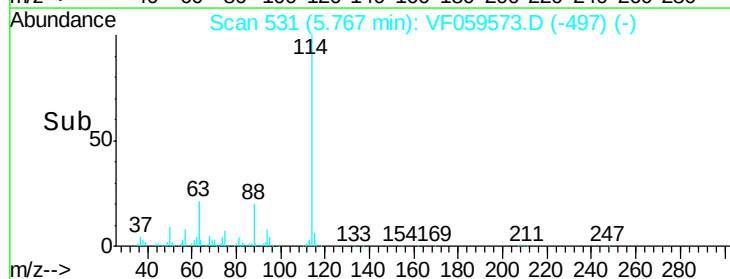
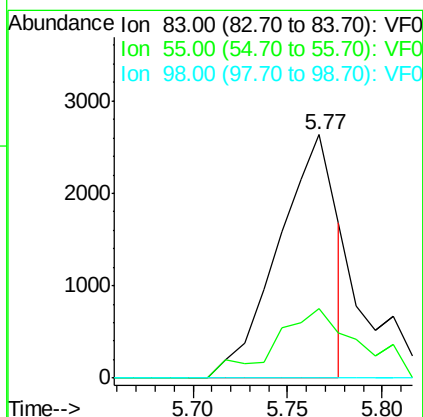
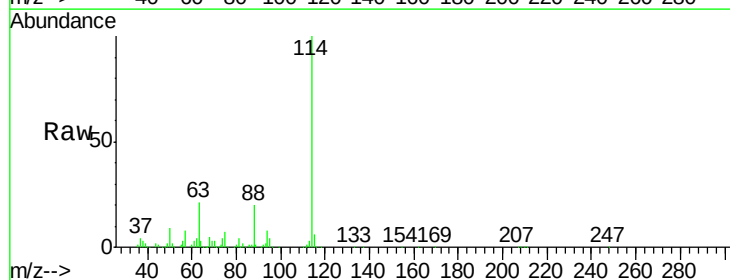
Instrument :
MSVOA_F
ClientSampled :

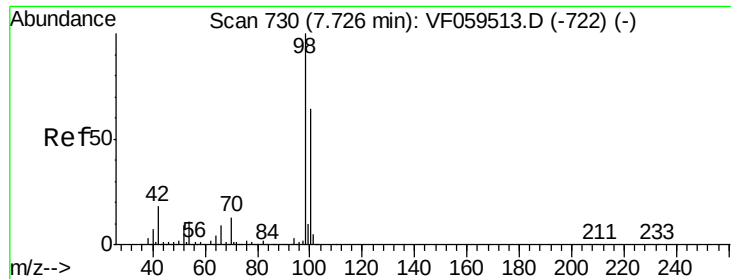
Tot Ion: 43 Resp: 375
Ion Ratio Lower Upper
43 100
61 0.0 33.7 50.5#
70 0.0 7.4 11.0#



#39
Methylcyclohexane
Concen: 1.895 ug/l
RT: 5.77 min Scan# 531
Delta R.T. 0.13 min
Lab File: VF059573.D
Acq: 19 Jul 2018 23:41

Tgt Ion: 83 Resp: 5665
Ion Ratio Lower Upper
83 100
55 28.7 70.2 105.4#
98 0.0 36.2 54.2#

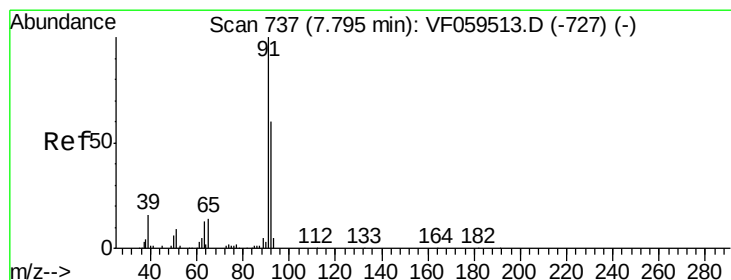
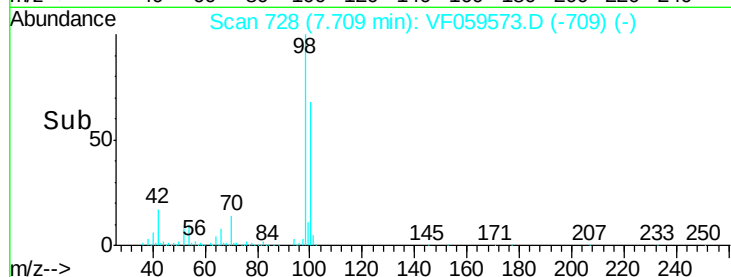
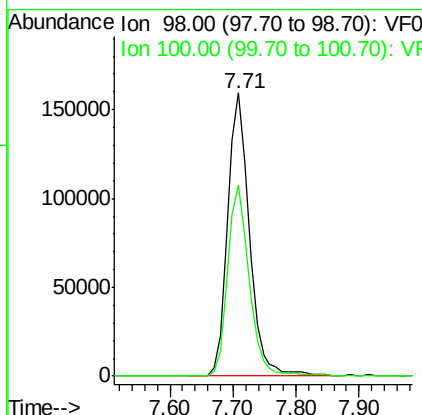
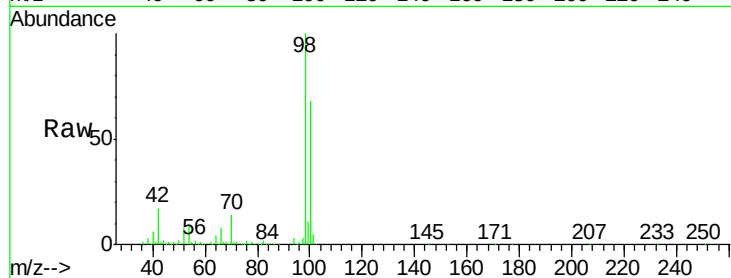




#50
Toluene-d8
Concen: 44.326 ug/l
RT: 7.71 min Scan# 728
Delta R.T. -0.02 min
Lab File: VF059573.D
Acq: 19 Jul 2018 23:41

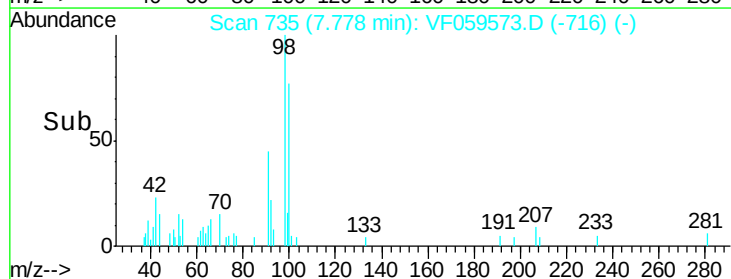
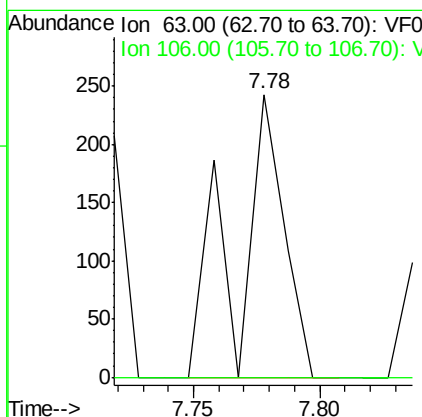
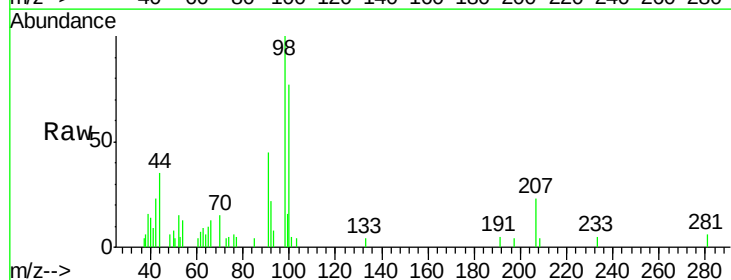
Instrument :
MSVOA_F
ClientSampleId :

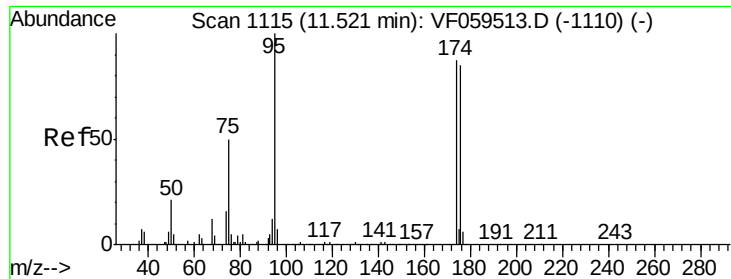
Tot Ion: 98 Resp: 380617
Ion Ratio Lower Upper
98 100
100 67.5 50.9 76.3



#58
2-Chloroethyl Vinyl ether
Concen: 1.352 ug/l
RT: 7.78 min Scan# 735
Delta R.T. -0.02 min
Lab File: VF059573.D
Acq: 19 Jul 2018 23:41

Tgt Ion: 63 Resp: 318
Ion Ratio Lower Upper
63 100
106 0.0 0.0 0.0





#62

4-Bromofluorobenzene

Concen: 41.460 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. -0.01 min

Lab File: VF059573.D

Acq: 19 Jul 2018 23:41

Instrument :

MSVOA_F

ClientSampleId :

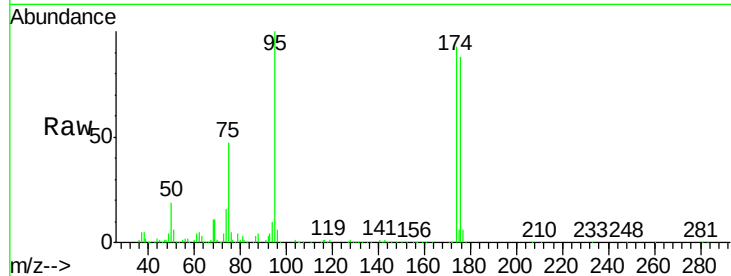
Tot Ion: 95 Resp: 186760

Ion Ratio Lower Upper

95 100

174 92.9 0.0 174.4

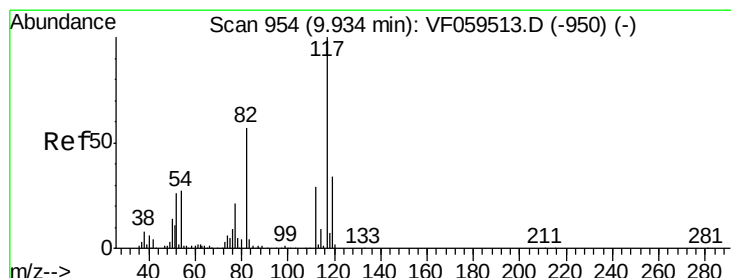
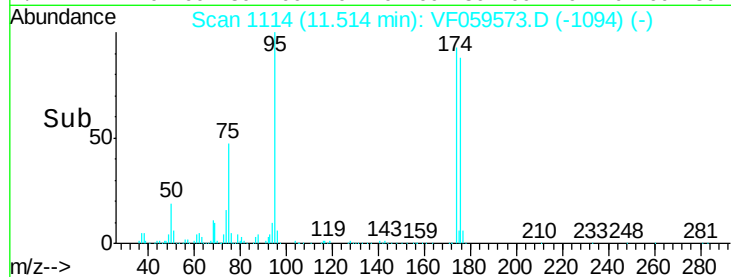
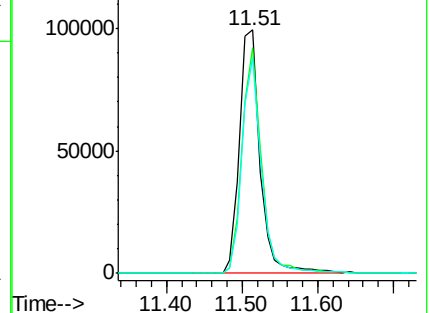
176 88.3 0.0 169.4



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.92 min Scan# 952

Delta R.T. -0.02 min

Lab File: VF059573.D

Acq: 19 Jul 2018 23:41

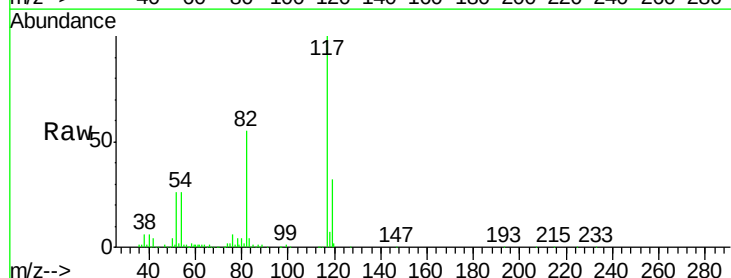
Tgt Ion: 117 Resp: 376519

Ion Ratio Lower Upper

117 100

82 54.5 46.1 69.1

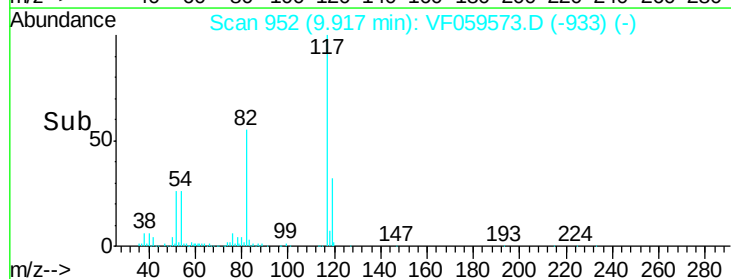
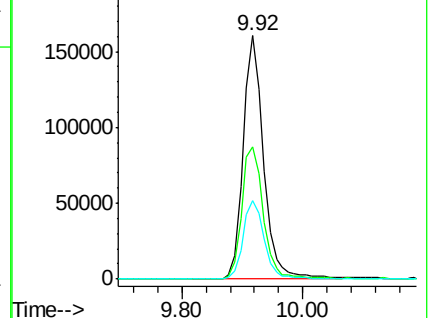
119 32.4 27.2 40.8

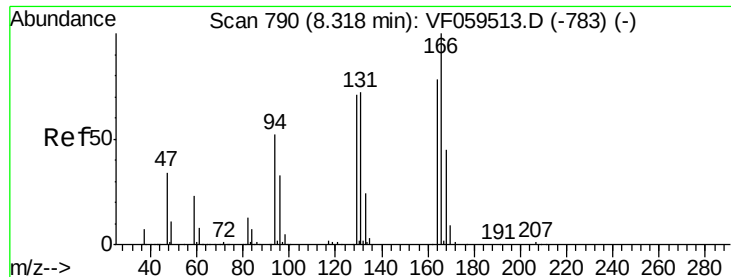


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V

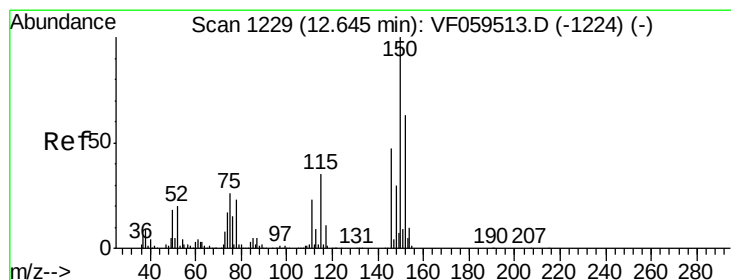
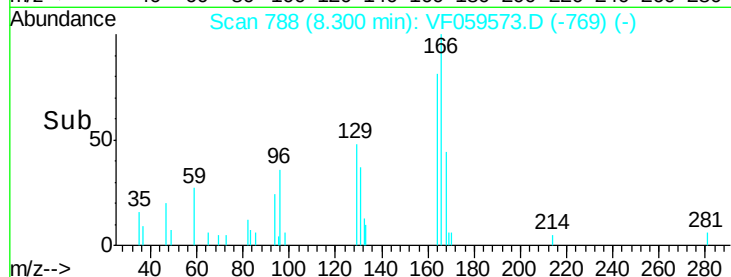
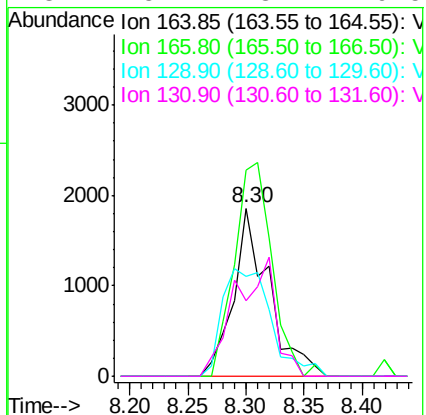
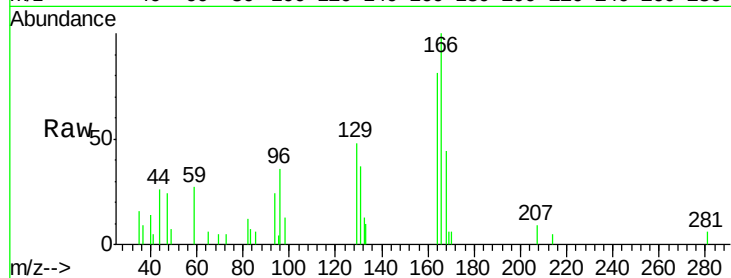




#64
Tetrachloroethene
Concen: 1.395 ug/l
RT: 8.30 min Scan# 788
Delta R.T. -0.02 min
Lab File: VF059573.D
Acq: 19 Jul 2018 23:41

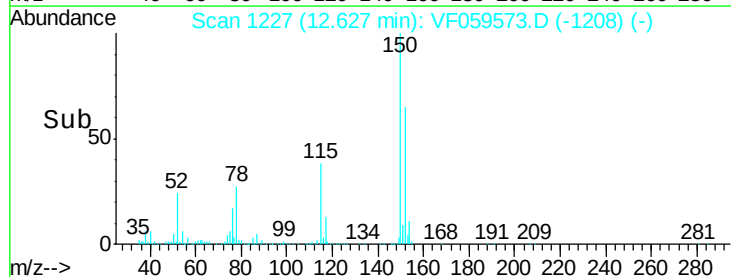
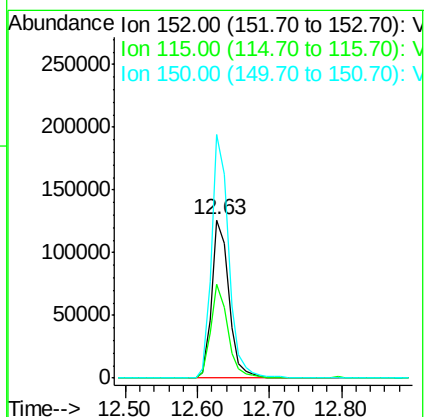
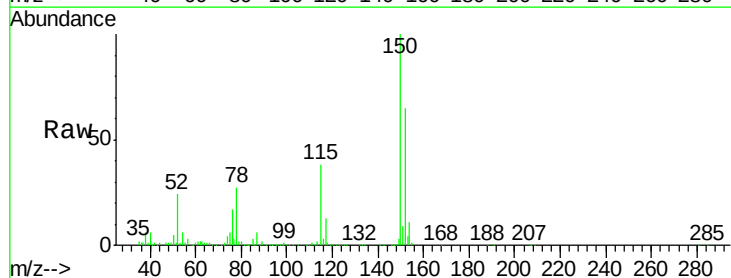
Instrument :
MSVOA_F
ClientSampleId :

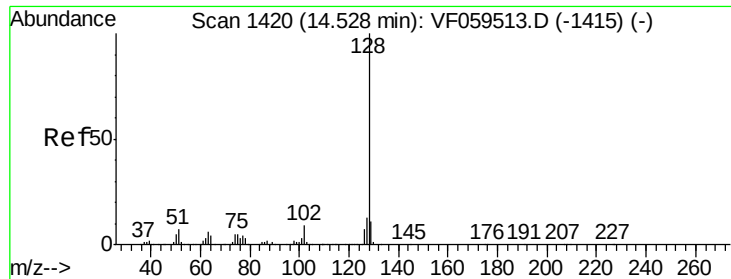
Tot Ion:164 Resp: 3911
Ion Ratio Lower Upper
164 100
166 123.0 102.3 153.5
129 59.5 72.4 108.6#
131 45.1 73.7 110.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.02 min
Lab File: VF059573.D
Acq: 19 Jul 2018 23:41

Tgt Ion:152 Resp: 206387
Ion Ratio Lower Upper
152 100
115 59.0 27.8 83.3
150 154.1 0.0 318.4

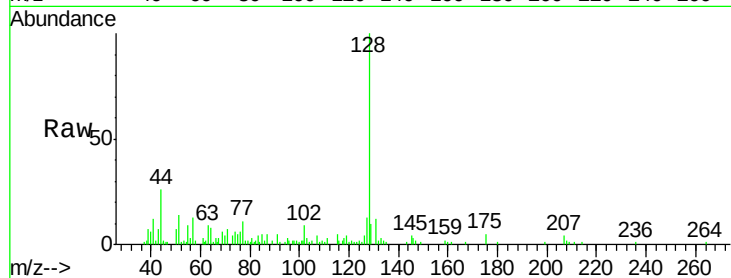




#95
 Naphthalene
 Concen: 2.648 ug/l
 RT: 14.52 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: VF059573.D
 Acq: 19 Jul 2018 23:41

Instrument :
 MSVOA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.2
129	10.1	9.0	13.4



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

