

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071818\
 Data File : VF059532.D
 Acq On : 19 Jul 2018 00:27
 Operator : VA/AP
 Sample : J3982-01
 Misc : 12.50µ/5mL/MSVOA F/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: Jul 19 01:37:01 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

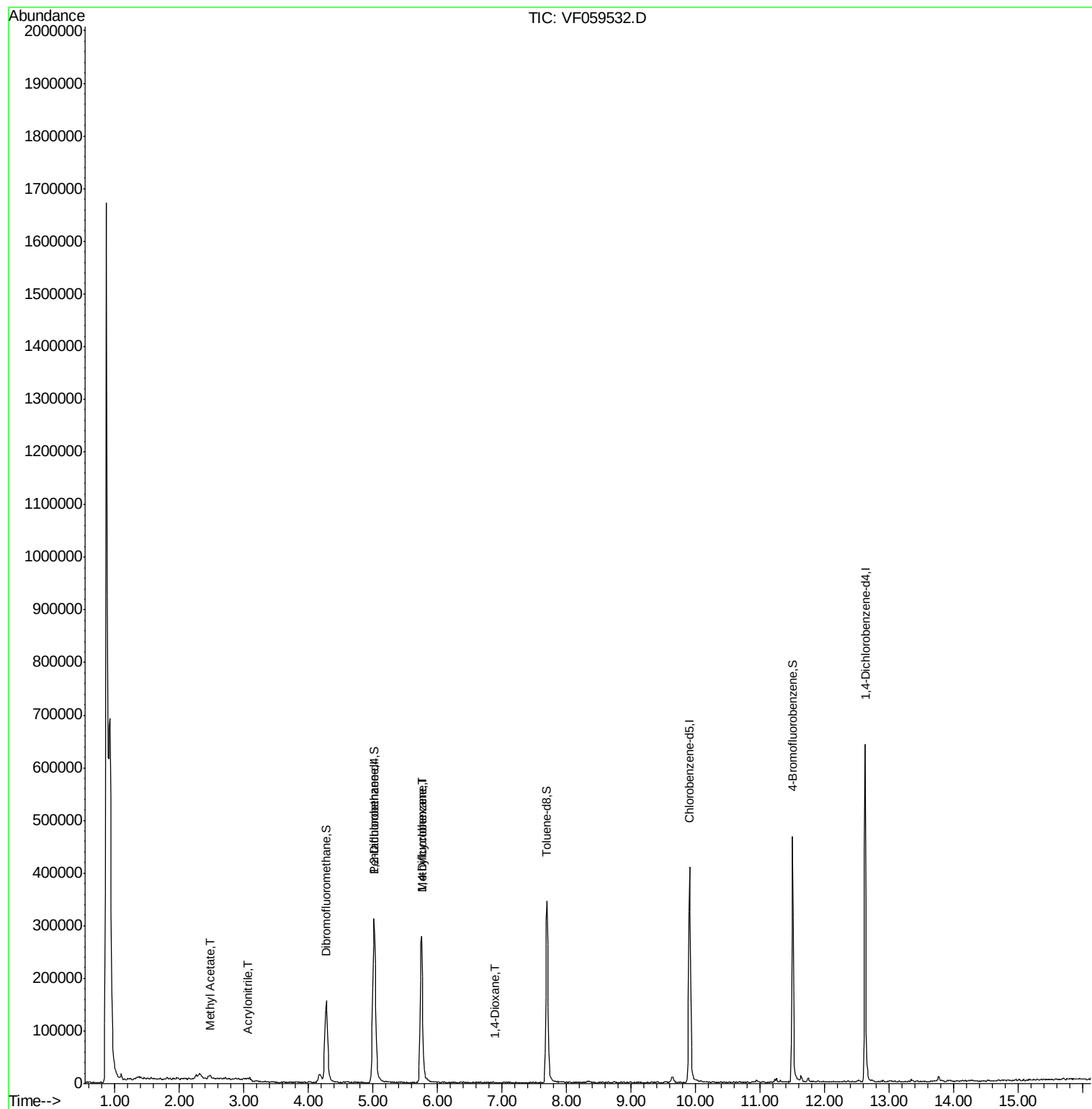
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	187511	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.75	114	289772	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.90	117	284845	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.63	152	159584	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	172271	59.07	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	118.14%	
35) Dibromofluoromethane	4.28	113	136999	54.59	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	109.18%	
50) Toluene-d8	7.70	98	281099	44.47	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	88.94%	
62) 4-Bromofluorobenzene	11.50	95	155376	46.85	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	93.70%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.66	59	321	Below Cal	#	74
13) Acrolein	2.21	56	232	Below Cal		95
15) Acrylonitrile	3.06	53	677	2.767 ug/l	#	84
16) Acetone	2.32	43	2120	Below Cal	#	91
18) Methyl Acetate	2.46	43	3942	1.495 ug/l		98
20) Methylene Chloride	2.30	84	3740	Below Cal		85
29) Tetrahydrofuran	4.23	42	315	Below Cal	#	38
37) Ethyl Acetate	4.27	43	537	Below Cal	#	41
39) Methylcyclohexane	5.74	83	3322	1.509 ug/l	#	31
49) 1,4-Dioxane	6.89	88	125	1.965 ug/l	#	15

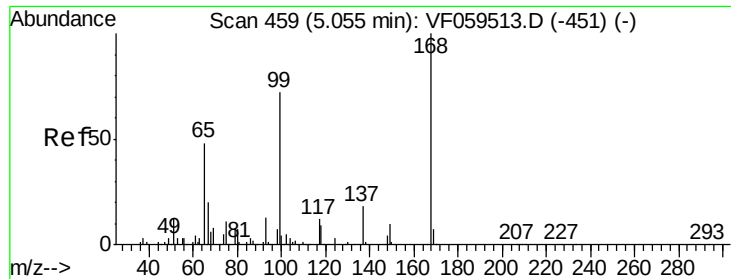
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF071818\
Data File : VF059532.D
Acq On : 19 Jul 2018 00:27
Operator : VA/AP
Sample : J3982-01
Misc : 12.50µ/5mL/MSVOA F/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Jul 19 01:37:01 2018
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: 5.03 min Scan# 456

Delta R.T. -0.03 min

Lab File: VF059532.D

Acq: 19 Jul 2018 00:27

Instrument :

MSVOA_F

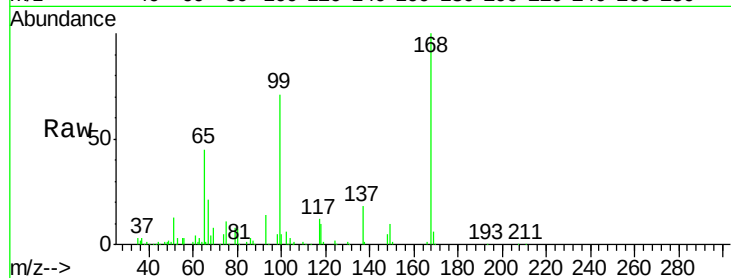
ClientSampleId :

Tot Ion:168 Resp: 187511

Ion Ratio Lower Upper

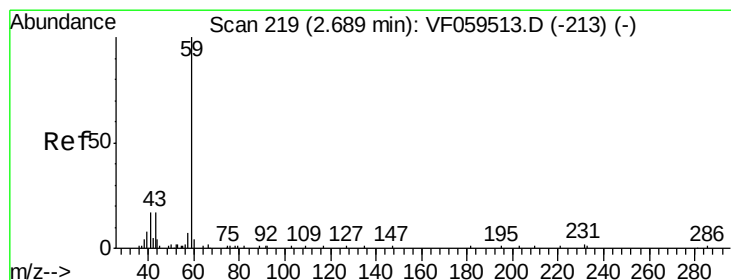
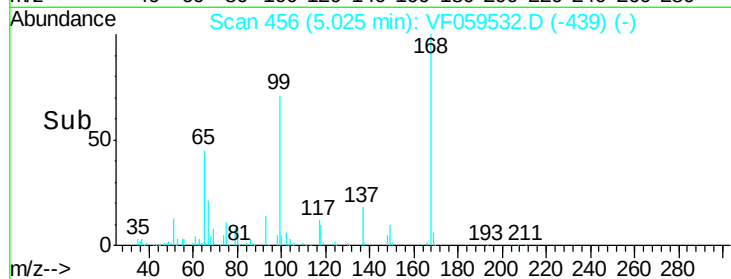
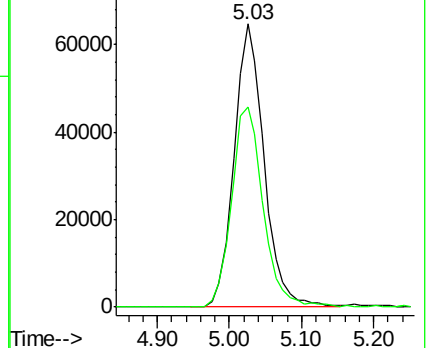
168 100

99 70.5 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: 2.66 min Scan# 216

Delta R.T. -0.03 min

Lab File: VF059532.D

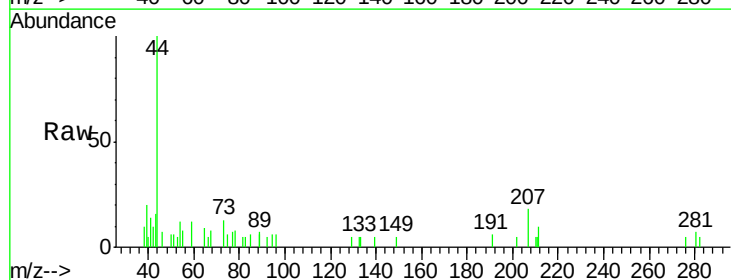
Acq: 19 Jul 2018 00:27

Tgt Ion: 59 Resp: 321

Ion Ratio Lower Upper

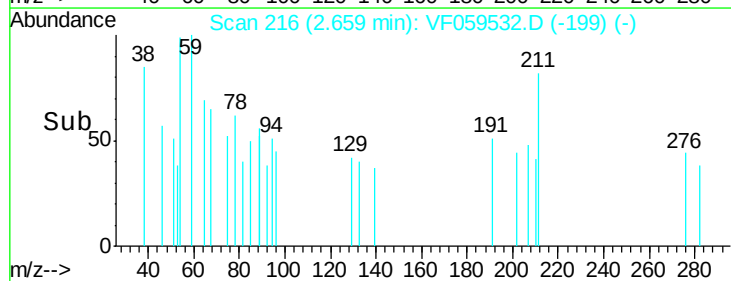
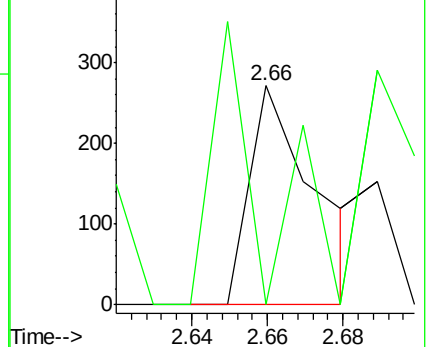
59 100

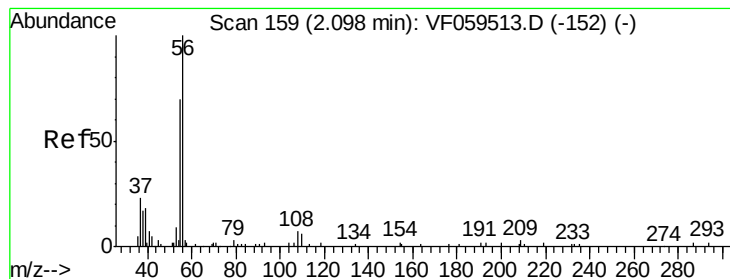
57 0.0 7.7 11.5#



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: 2.21 min Scan# 170

Delta R.T. 0.11 min

Lab File: VF059532.D

Acq: 19 Jul 2018 00:27

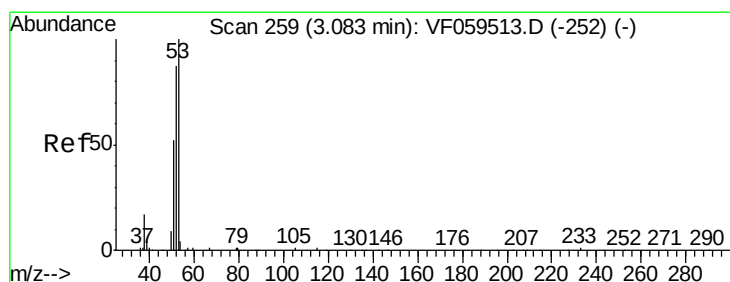
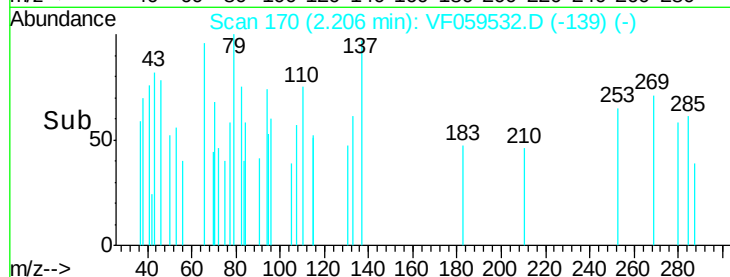
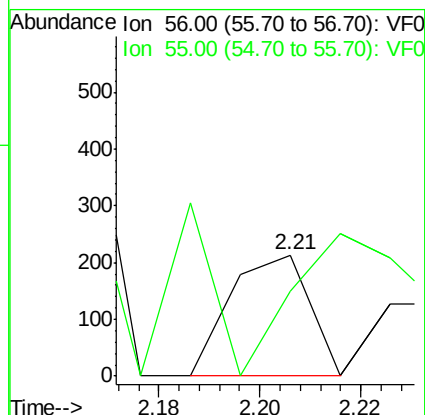
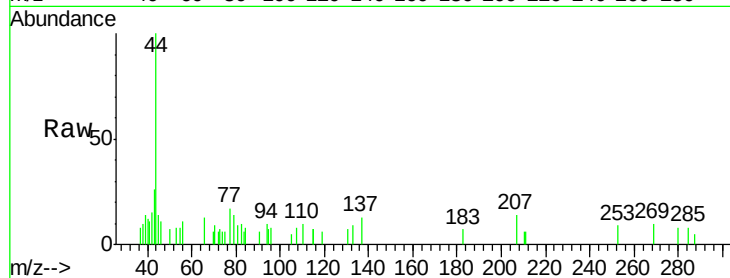
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 56 Resp: 232

Ion Ratio Lower Upper

56 100

55 70.4 59.4 89.2



#15

Acrylonitrile

Concen: 2.767 ug/l

RT: 3.06 min Scan# 257

Delta R.T. -0.02 min

Lab File: VF059532.D

Acq: 19 Jul 2018 00:27

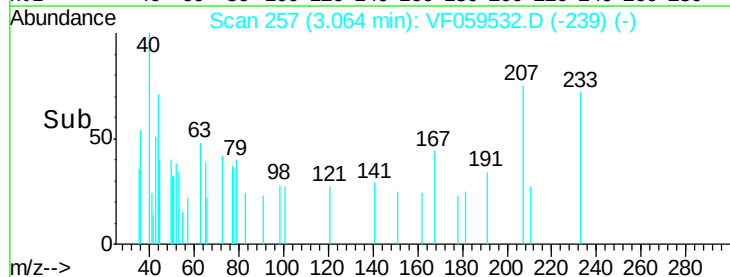
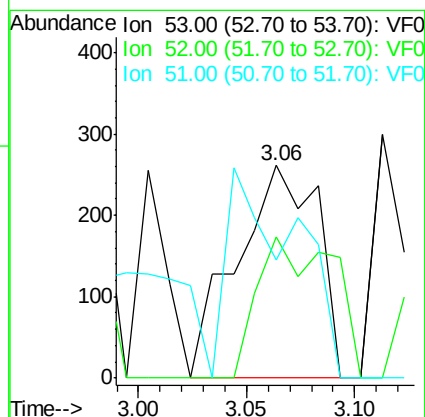
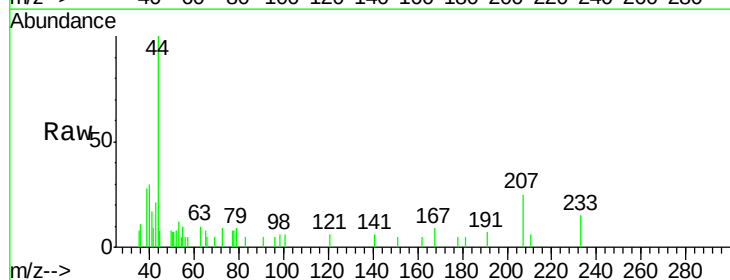
Tgt Ion: 53 Resp: 677

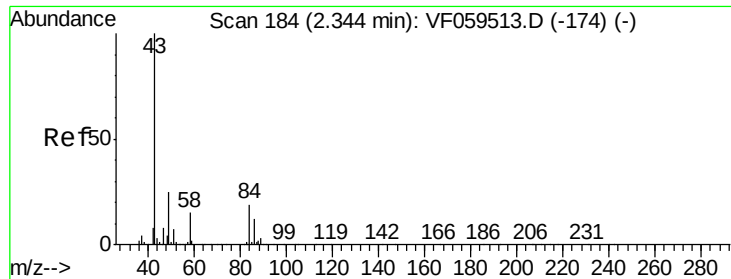
Ion Ratio Lower Upper

53 100

52 66.7 70.1 105.1#

51 55.9 42.5 63.7





#16

Acetone

Concen: Below Cal

RT: 2.32 min Scan# 182

Delta R.T. -0.02 min

Lab File: VF059532.D

Acq: 19 Jul 2018 00:27

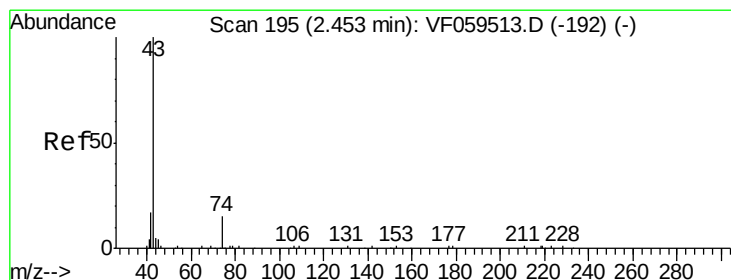
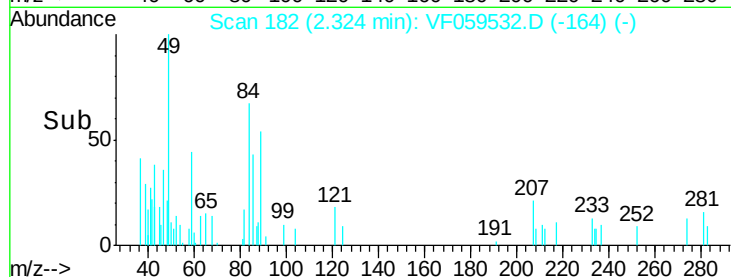
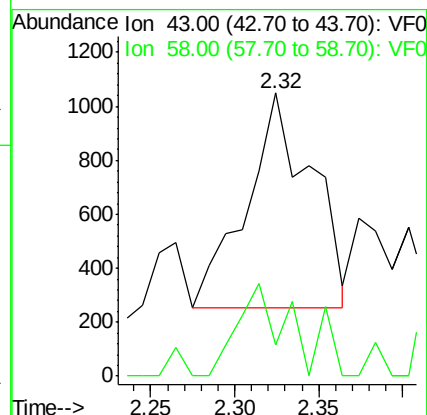
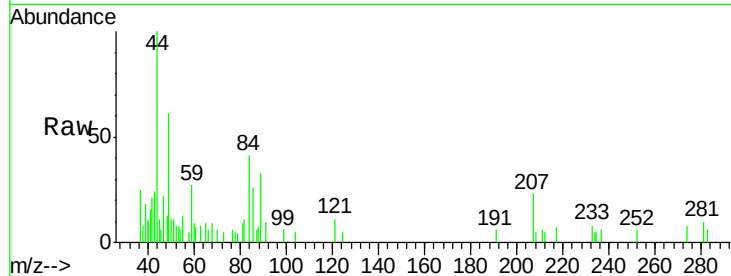
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 43 Resp: 2120

Ion Ratio Lower Upper

43 100

58 11.0 11.8 17.6#



#18

Methyl Acetate

Concen: 1.495 ug/l

RT: 2.46 min Scan# 196

Delta R.T. 0.01 min

Lab File: VF059532.D

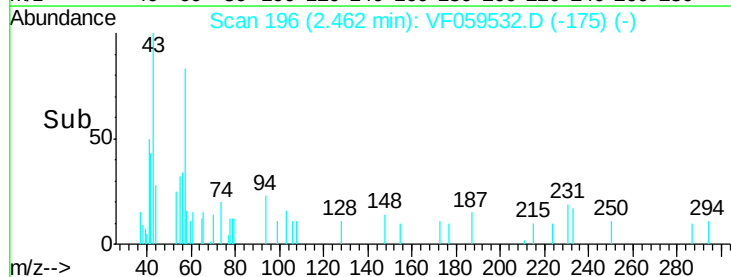
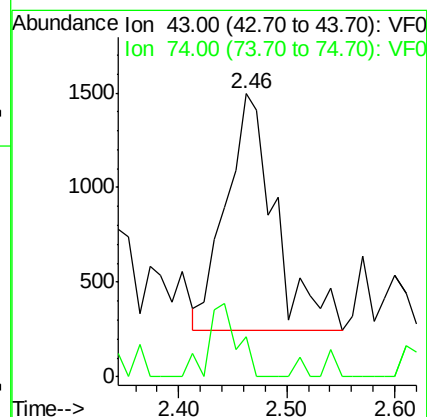
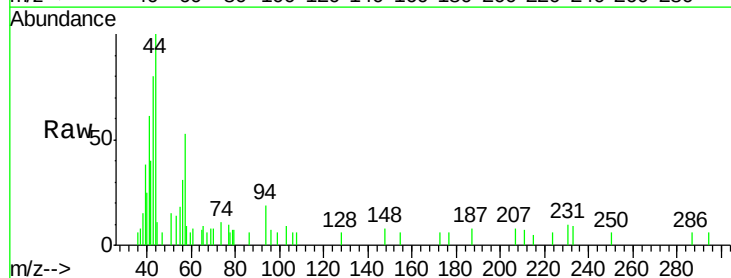
Acq: 19 Jul 2018 00:27

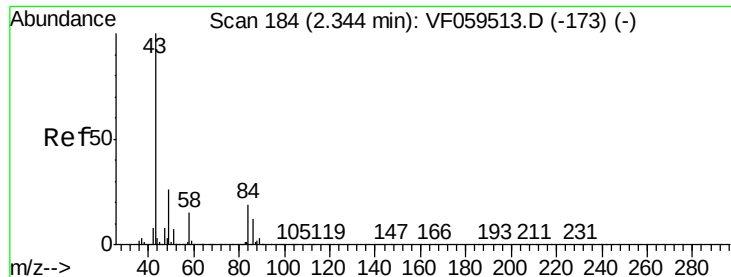
Tgt Ion: 43 Resp: 3942

Ion Ratio Lower Upper

43 100

74 14.2 10.6 15.8

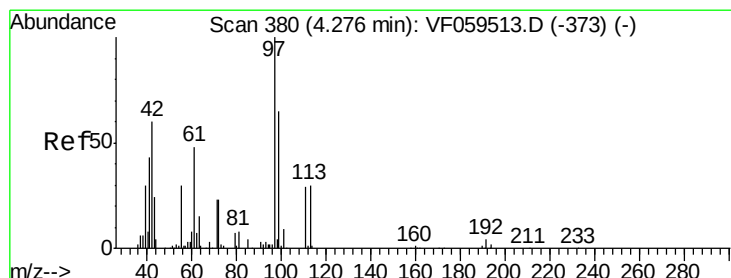
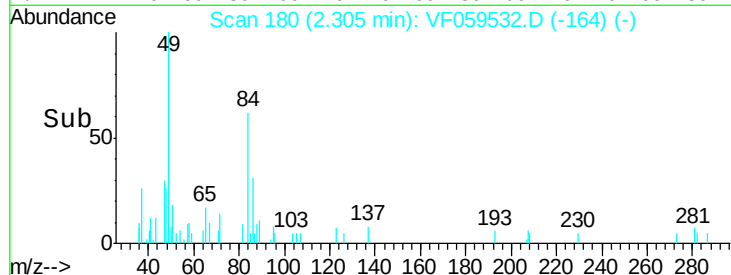
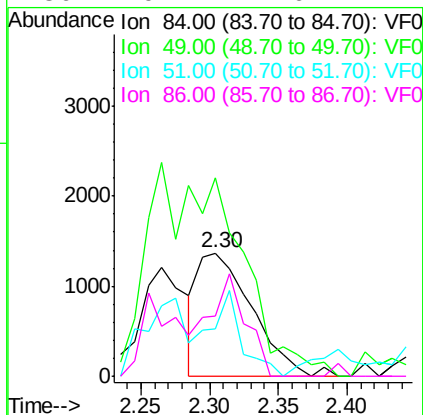
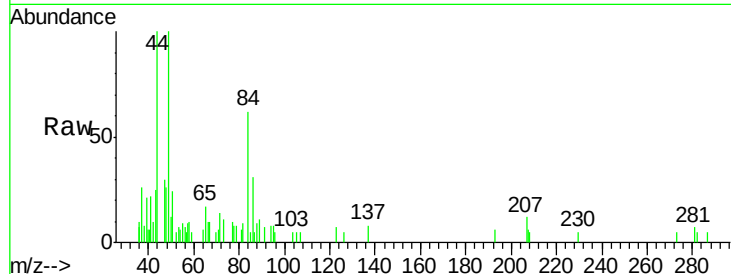




#20
Methylene Chloride
Concen: Below Cal
RT: 2.30 min Scan# 180
Delta R.T. -0.04 min
Lab File: VF059532.D
Acq: 19 Jul 2018 00:27

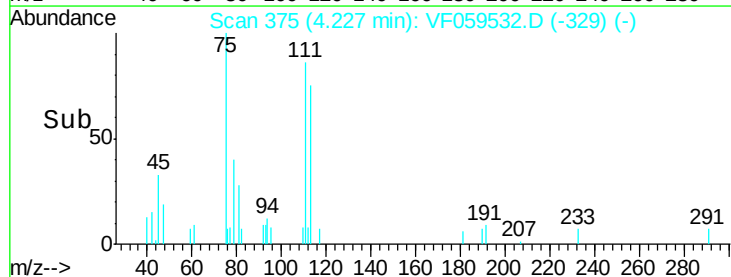
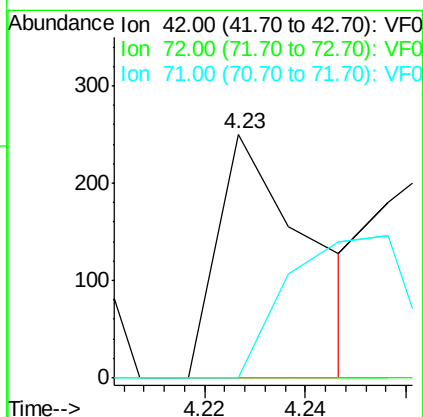
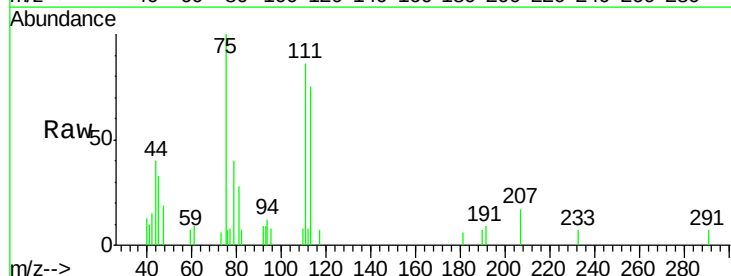
Instrument :
MSVOA_F
ClientSampleId :

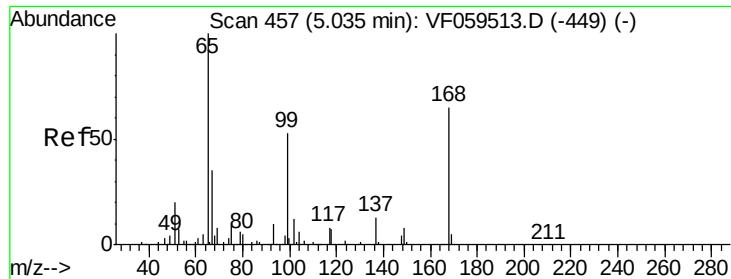
Tot Ion: 84 Resp: 3740
Ion Ratio Lower Upper
84 100
49 161.2 109.4 164.2
51 38.4 30.5 45.7
86 49.2 47.6 71.4



#29
Tetrahydrofuran
Concen: Below Cal
RT: 4.23 min Scan# 375
Delta R.T. -0.05 min
Lab File: VF059532.D
Acq: 19 Jul 2018 00:27

Tgt Ion: 42 Resp: 315
Ion Ratio Lower Upper
42 100
72 0.0 28.7 43.1#
71 0.0 30.8 46.2#

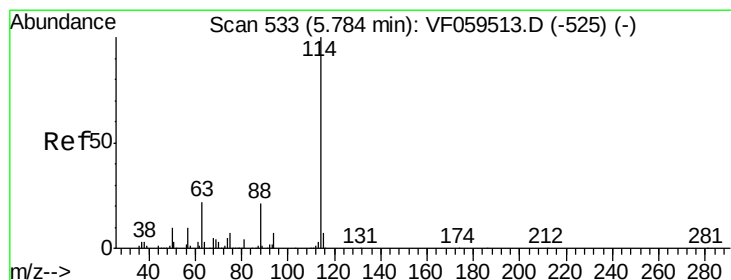
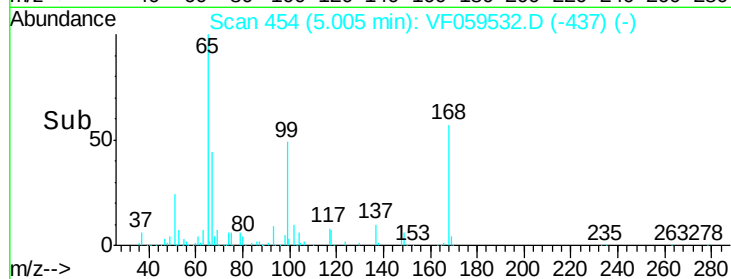
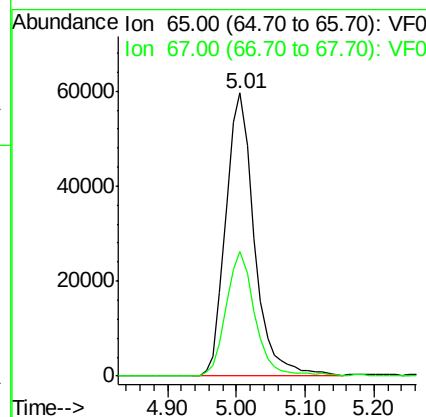
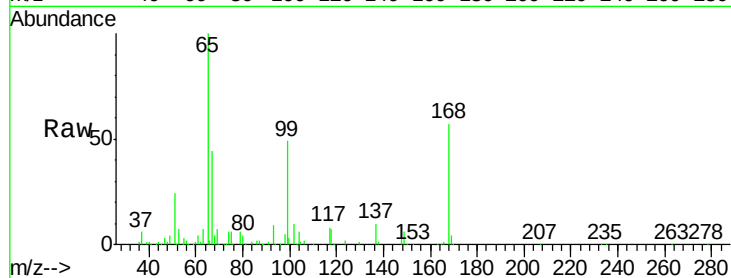




#33
 1,2-Dichloroethane-d4
 Concen: 59.073 ug/l
 RT: 5.01 min Scan# 454
 Delta R.T. -0.03 min
 Lab File: VF059532.D
 Acq: 19 Jul 2018 00:27

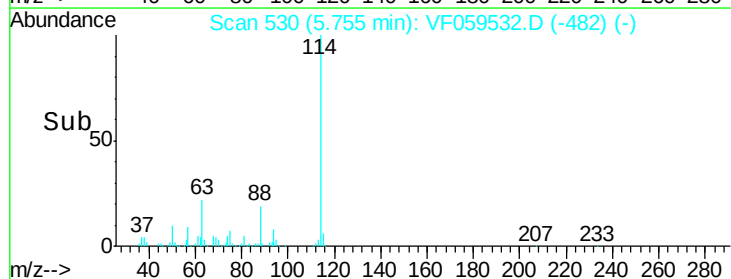
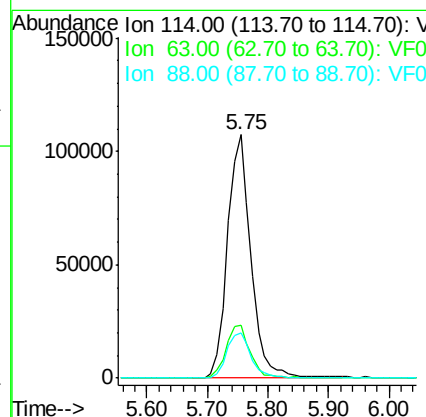
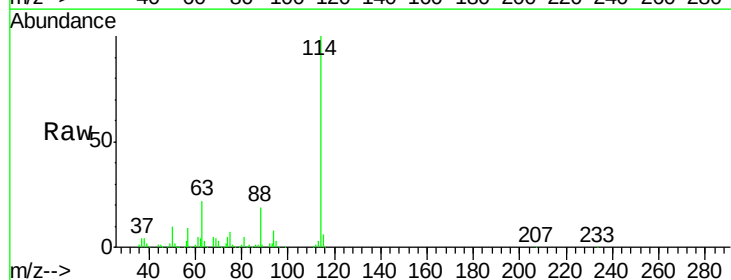
Instrument :
 MSVOA_F
 ClientSampleId :

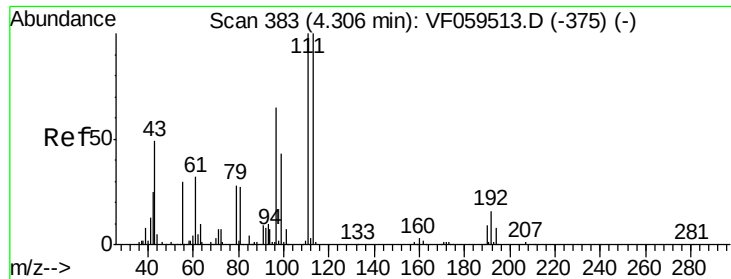
Tot Ion: 65 Resp: 172271
 Ion Ratio Lower Upper
 65 100
 67 43.8 0.0 91.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.75 min Scan# 530
 Delta R.T. -0.03 min
 Lab File: VF059532.D
 Acq: 19 Jul 2018 00:27

Tgt Ion: 114 Resp: 289772
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 44.8
 88 18.7 0.0 42.6





#35

Dibromofluoromethane

Concen: 54.589 ug/l

RT: 4.28 min Scan# 380

Delta R.T. -0.03 min

Lab File: VF059532.D

Acq: 19 Jul 2018 00:27

Instrument :
MSVOA_F
ClientSampled :

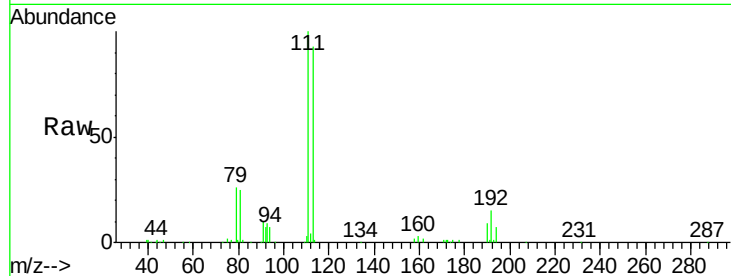
Tot Ion:113 Resp: 136999

Ion Ratio Lower Upper

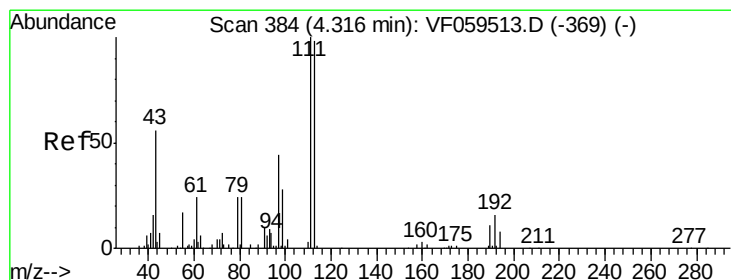
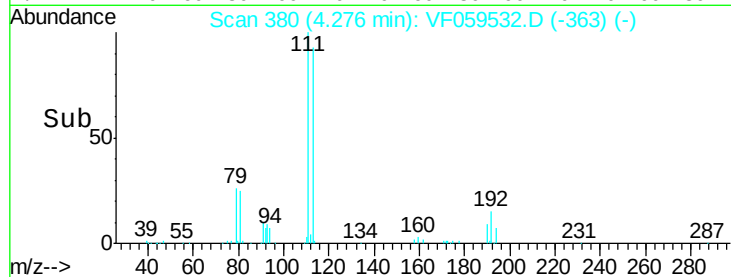
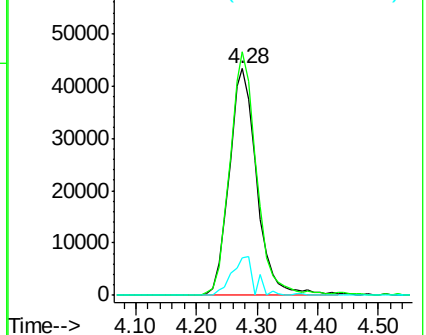
113 100

111 107.4 80.3 120.5

192 16.4 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: 4.27 min Scan# 379

Delta R.T. -0.05 min

Lab File: VF059532.D

Acq: 19 Jul 2018 00:27

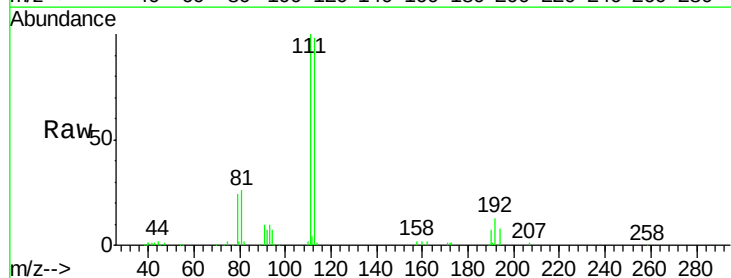
Tgt Ion: 43 Resp: 537

Ion Ratio Lower Upper

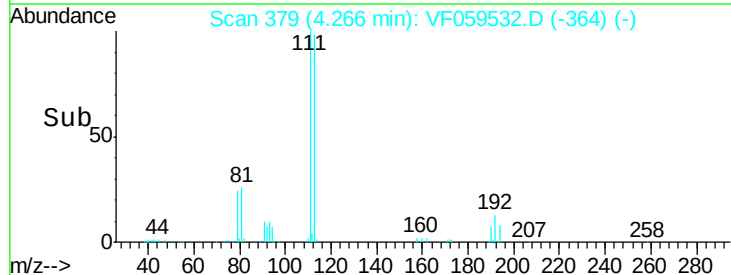
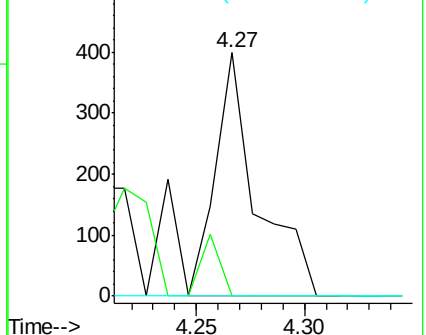
43 100

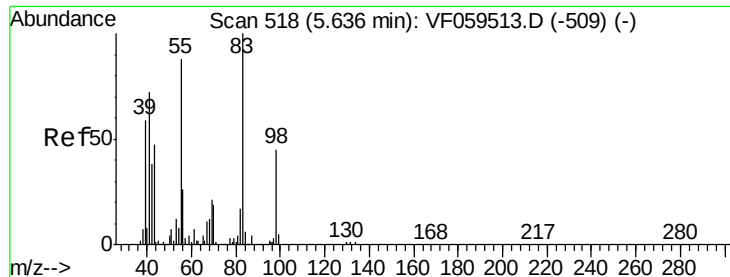
61 0.0 33.7 50.5#

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

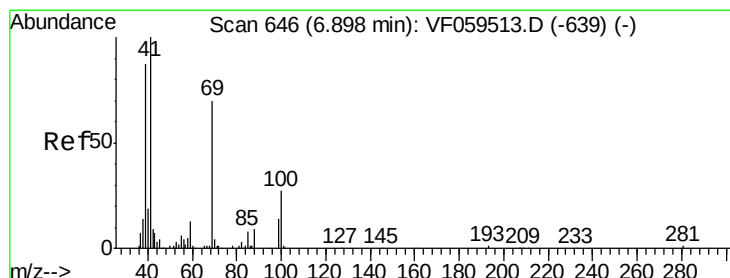
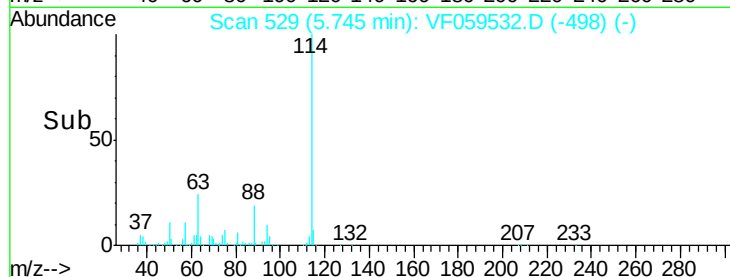
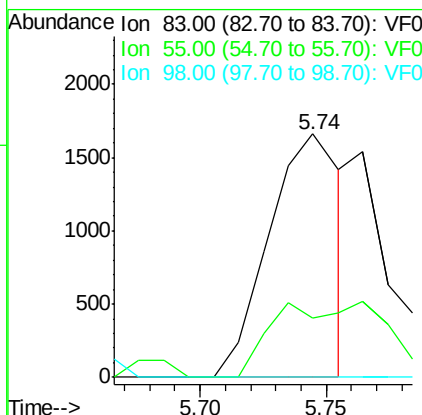
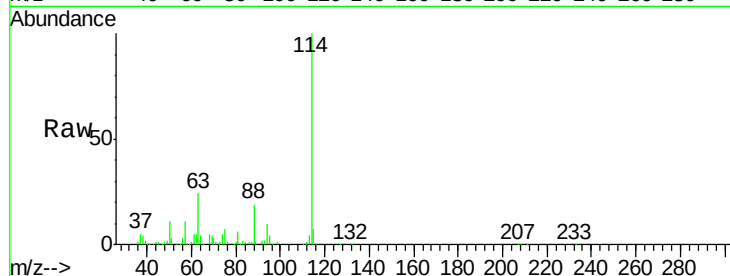




#39
Methylcyclohexane
Concen: 1.509 ug/l
RT: 5.74 min Scan# 529
Delta R.T. 0.11 min
Lab File: VF059532.D
Acq: 19 Jul 2018 00:27

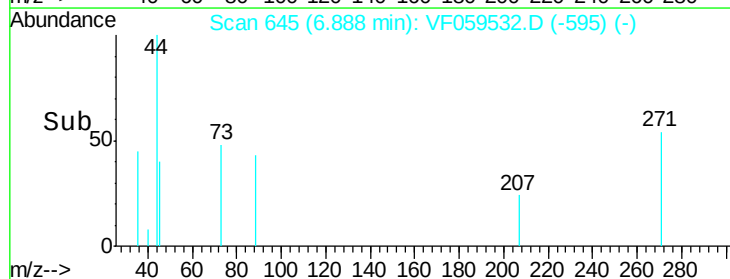
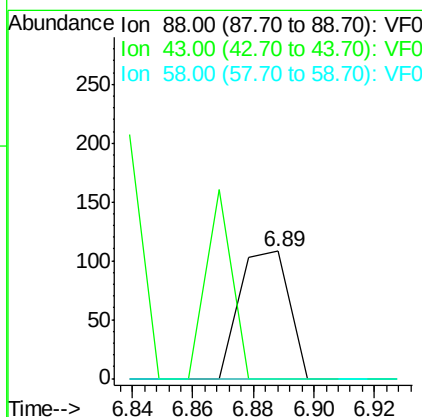
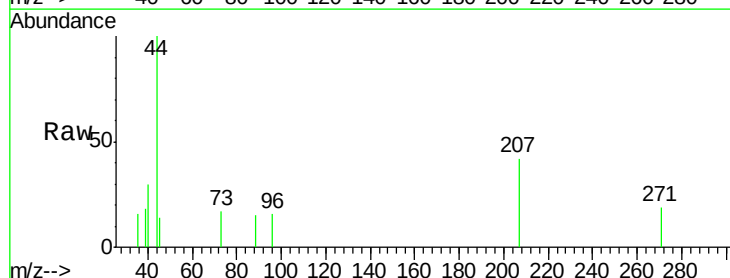
Instrument :
MSVOA_F
ClientSampleId :

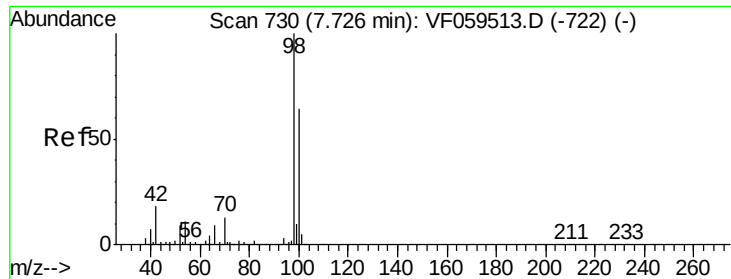
Tot Ion: 83 Resp: 3322
Ion Ratio Lower Upper
83 100
55 24.2 70.2 105.4#
98 0.0 36.2 54.2#



#49
1,4-Dioxane
Concen: 1.965 ug/l
RT: 6.89 min Scan# 645
Delta R.T. -0.01 min
Lab File: VF059532.D
Acq: 19 Jul 2018 00:27

Tgt Ion: 88 Resp: 125
Ion Ratio Lower Upper
88 100
43 0.0 64.8 97.2#
58 0.0 44.1 66.1#

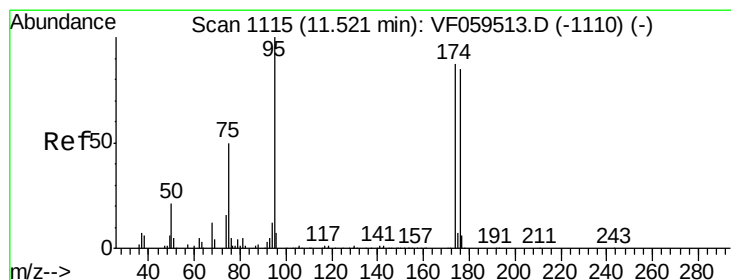
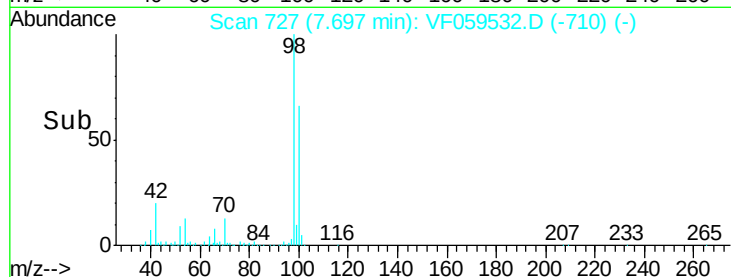
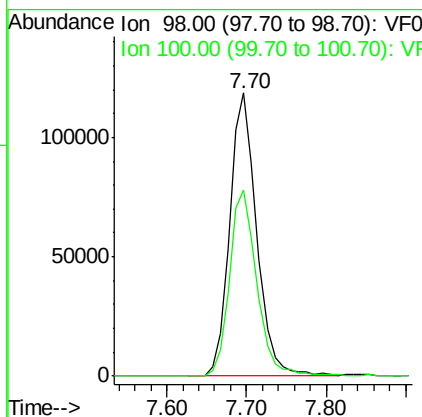
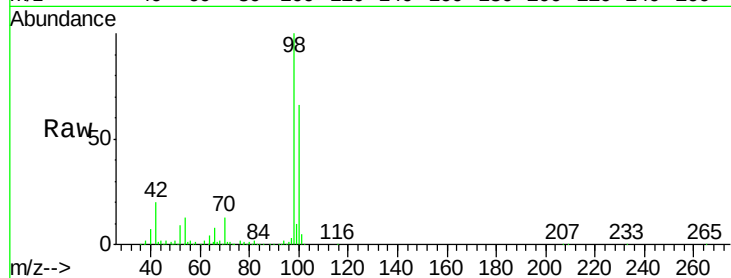




#50
Toluene-d8
Concen: 44.466 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.03 min
Lab File: VF059532.D
Acq: 19 Jul 2018 00:27

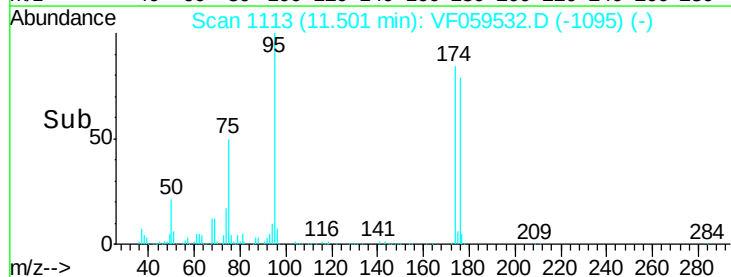
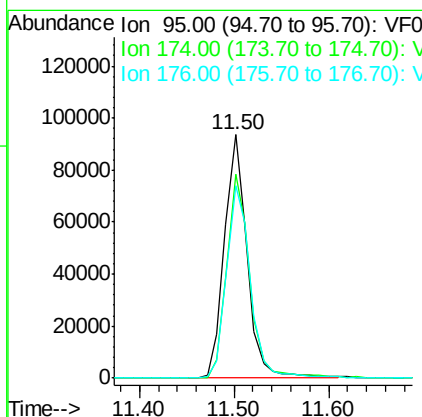
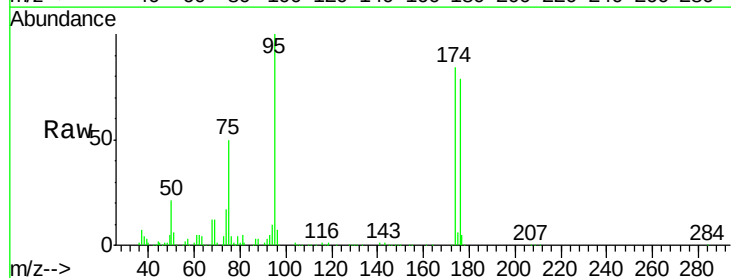
Instrument :
MSVOA_F
ClientSampleId :

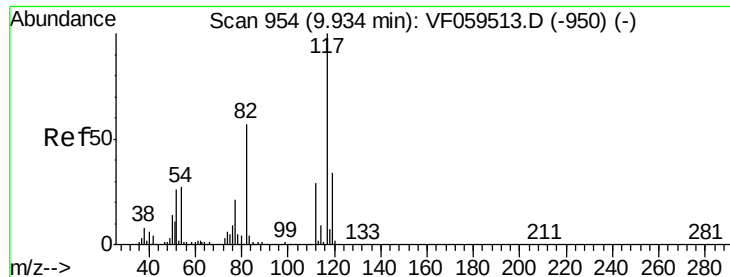
Tot Ion: 98 Resp: 281099
Ion Ratio Lower Upper
98 100
100 66.0 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 46.852 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.02 min
Lab File: VF059532.D
Acq: 19 Jul 2018 00:27

Tgt Ion: 95 Resp: 155376
Ion Ratio Lower Upper
95 100
174 83.9 0.0 174.4
176 79.2 0.0 169.4

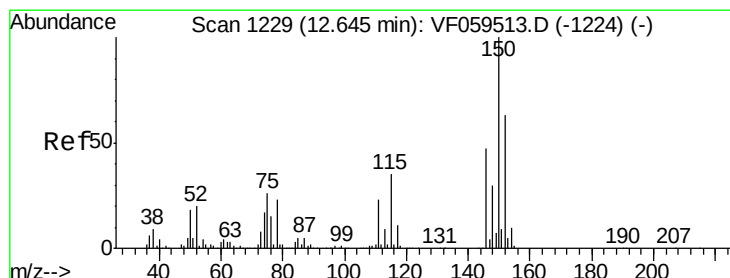
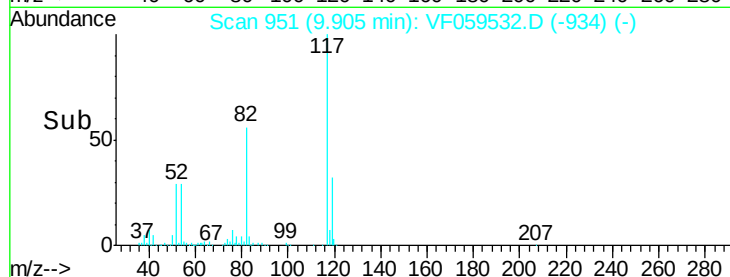
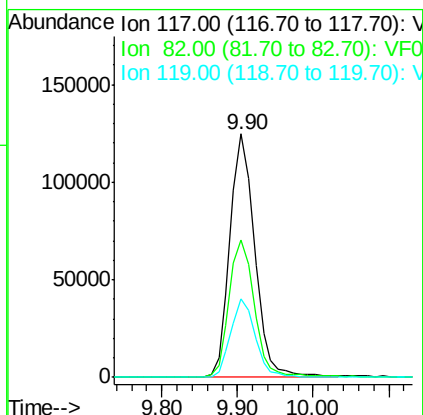
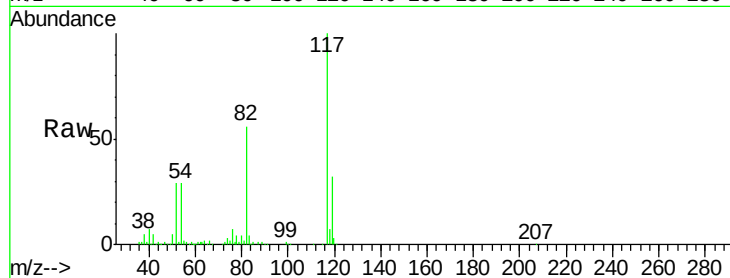




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 951
Delta R.T. -0.03 min
Lab File: VF059532.D
Acq: 19 Jul 2018 00:27

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:117 Resp: 284845
Ion Ratio Lower Upper
117 100
82 56.4 46.1 69.1
119 32.5 27.2 40.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.02 min
Lab File: VF059532.D
Acq: 19 Jul 2018 00:27

Tgt Ion:152 Resp: 159584
Ion Ratio Lower Upper
152 100
115 57.2 27.8 83.3
150 151.2 0.0 318.4

