

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062718\
 Data File : VF059340.D
 Acq On : 27 Jun 2018 15:46
 Operator : VA/AP
 Sample : J3629-16
 Misc : 6.95µ/5mL/MSVOA-F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: Jun 28 01:43:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 26 08:45:17 2018
 Response via : Initial Calibration

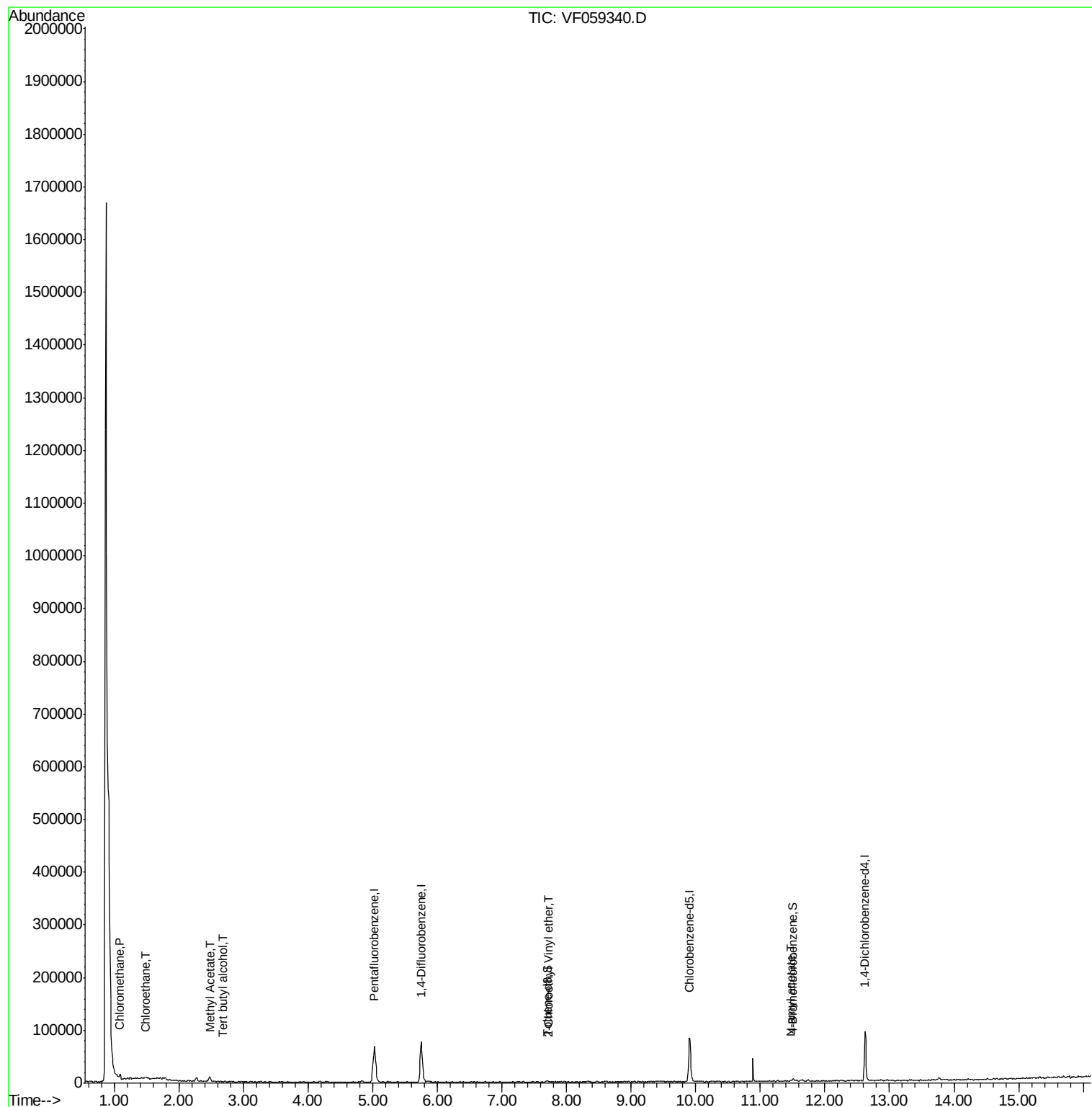
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	61201	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	77615	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	63113	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	23598	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	154	0.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	0.38%	
35) Dibromofluoromethane	4.27	113	447	0.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.58%	
50) Toluene-d8	7.69	98	2147	1.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	3.06%	
62) 4-Bromofluorobenzene	11.50	95	1141	1.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.88%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.09	50	799	2.127	ug/l	93
5) Bromomethane	1.35	94	193	Below Cal	#	4
6) Chloroethane	1.49	64	215	1.154	ug/l #	71
11) Tert butyl alcohol	2.67	59	82	1.558	ug/l #	66
13) Acrolein	2.01	56	111	Below Cal	#	10
16) Acetone	2.34	43	927	Below Cal	#	65
18) Methyl Acetate	2.48	43	3557	9.013	ug/l #	61
20) Methylene Chloride	2.27	84	3262	Below Cal	#	64
25) 2-Butanone	4.47	43	72	Below Cal	#	59
28) Bromochloromethane	3.93	49	105	Below Cal	#	6
29) Tetrahydrofuran	4.23	42	366	Below Cal	#	36
37) Ethyl Acetate	4.30	43	139	Below Cal	#	26
58) 2-Chloroethyl Vinyl ether	7.73	63	62	1.528	ug/l	100
59) 2-Hexanone	9.63	43	192	Below Cal	#	30
74) N-amyl acetate	11.46	43	1092	2.189	ug/l #	46

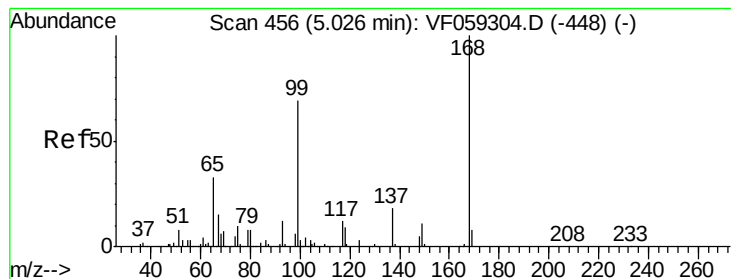
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF062718\
Data File : VF059340.D
Acq On : 27 Jun 2018 15:46
Operator : VA/AP
Sample : J3629-16
Misc : 6.95g/5mL/MSVOA-F/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Jun 28 01:43:22 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 26 08:45:17 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.02 min Scan# 455

Delta R.T. -0.01 min

Lab File: VF059340.D

Acq: 27 Jun 2018 15:46

Instrument :

MSVOA_F

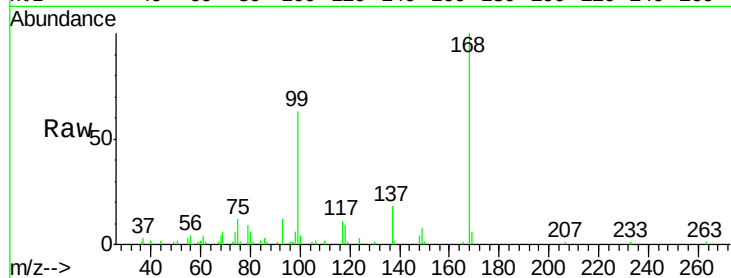
ClientSampleId :

Tot Ion:168 Resp: 61201

Ion Ratio Lower Upper

168 100

99 62.7 54.9 82.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.02

20000

15000

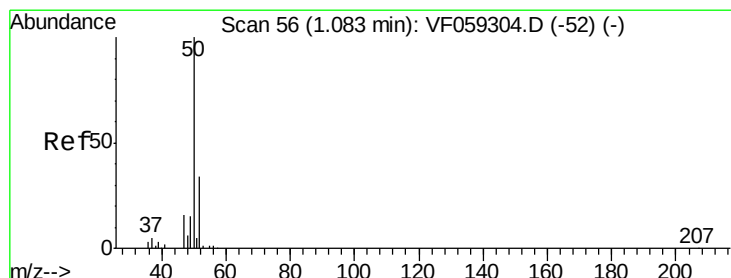
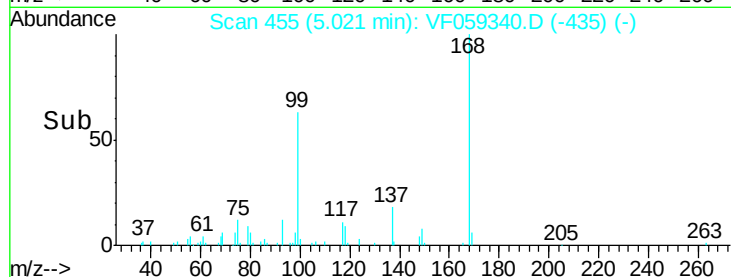
10000

5000

0

4.90 5.00 5.10 5.20

Time-->



#3

Chloromethane

Concen: 2.127 ug/l

RT: 1.09 min Scan# 56

Delta R.T. 0.00 min

Lab File: VF059340.D

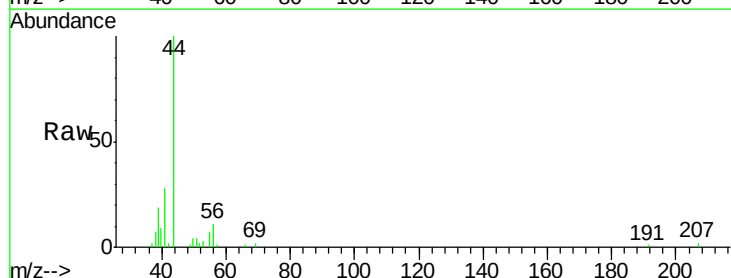
Acq: 27 Jun 2018 15:46

Tgt Ion: 50 Resp: 799

Ion Ratio Lower Upper

50 100

52 37.5 26.7 40.1



Abundance Ion 50.00 (49.70 to 50.70): VF0

Ion 52.00 (51.70 to 52.70): VF0

1.09

400

300

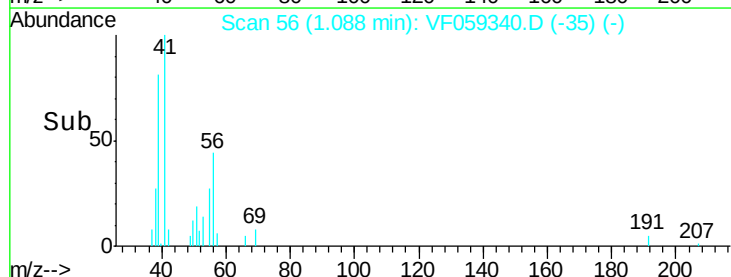
200

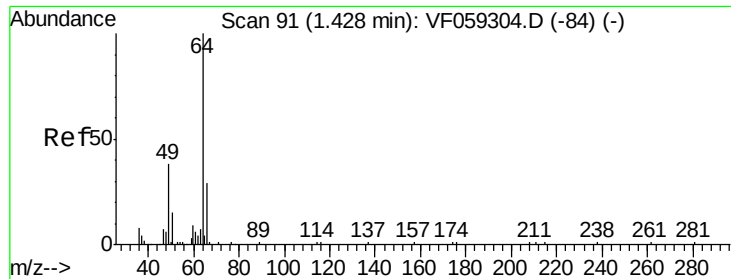
100

0

1.05 1.10 1.15

Time-->





#6

Chloroethane

Concen: 1.154 ug/l

RT: 1.49 min Scan# 97

Delta R.T. 0.06 min

Lab File: VF059340.D

Acq: 27 Jun 2018 15:46

Instrument :

MSVOA_F

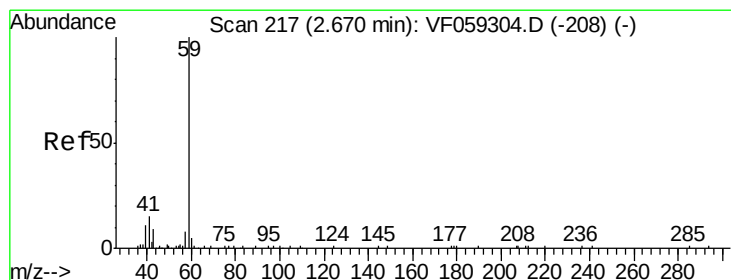
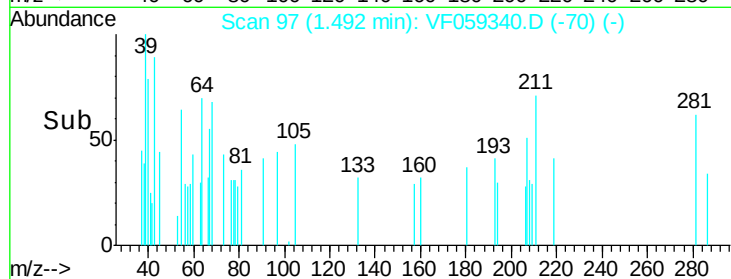
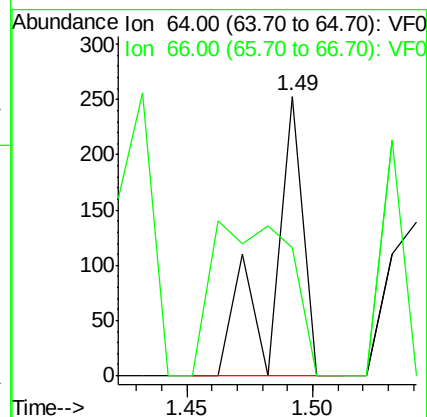
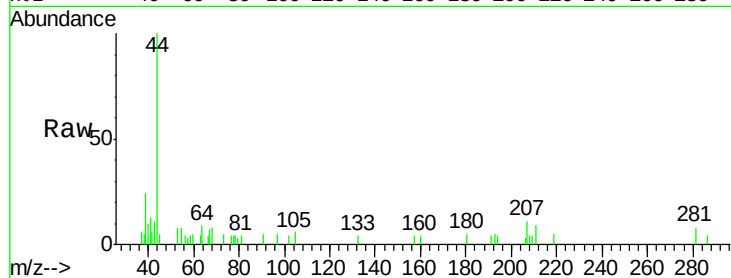
ClientSampled :

Tot Ion: 64 Resp: 215

Ion Ratio Lower Upper

64 100

66 45.8 23.9 35.9#



#11

Tert butyl alcohol

Concen: 1.558 ug/l

RT: 2.67 min Scan# 217

Delta R.T. 0.00 min

Lab File: VF059340.D

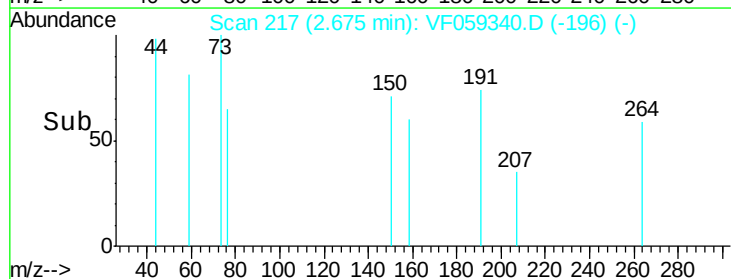
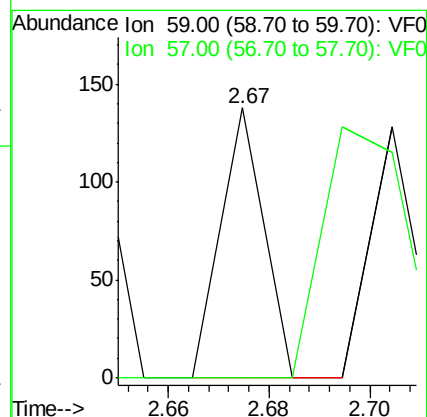
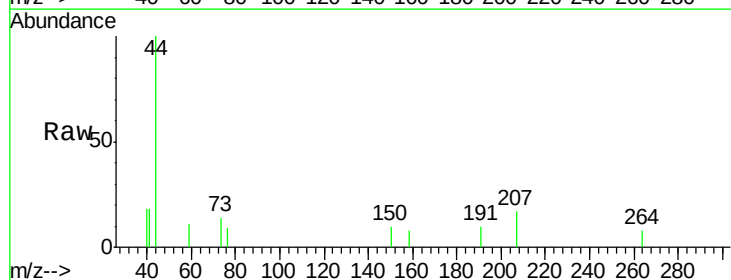
Acq: 27 Jun 2018 15:46

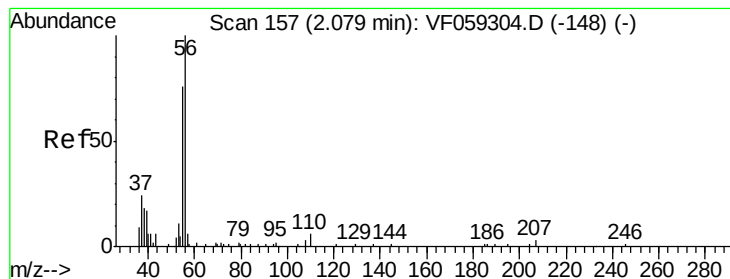
Tgt Ion: 59 Resp: 82

Ion Ratio Lower Upper

59 100

57 0.0 11.0 16.4#





#13

Acrolein

Concen: Below Cal

RT: 2.01 min Scan# 150

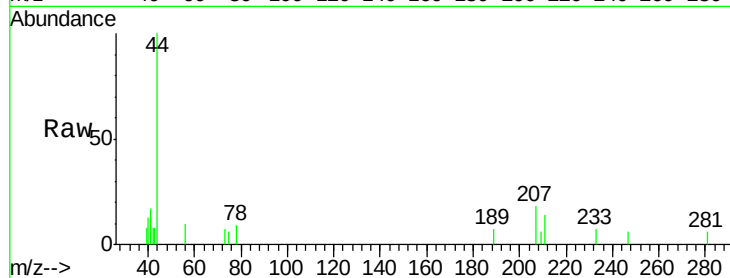
Delta R.T. -0.06 min

Lab File: VF059340.D

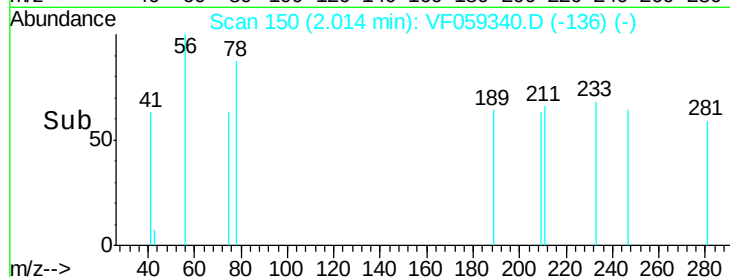
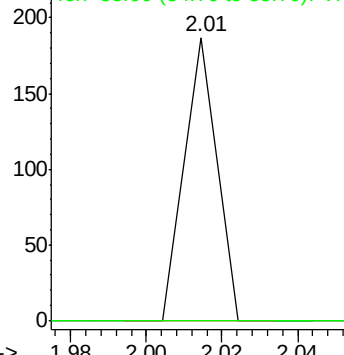
Acq: 27 Jun 2018 15:46

Instrument :
MSVOA_F
ClientSampleId :

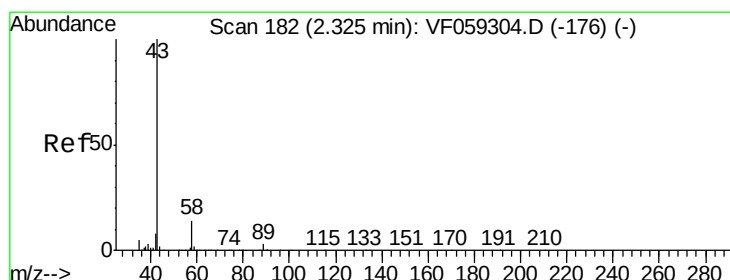
Tot Ion: 56 Resp: 111
Ion Ratio Lower Upper
56 100
55 0.0 62.4 93.6#



Abundance Ion 56.00 (55.70 to 56.70): VF0
Ion 55.00 (54.70 to 55.70): VF0



Time-->



#16

Acetone

Concen: Below Cal

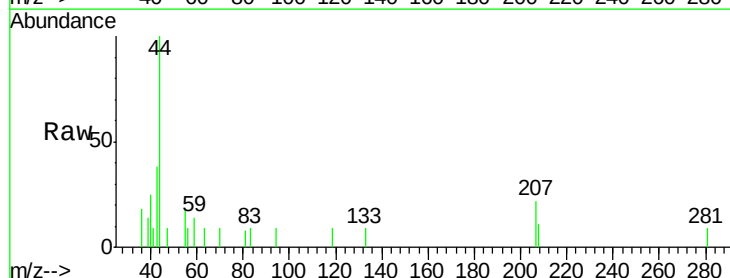
RT: 2.34 min Scan# 183

Delta R.T. 0.01 min

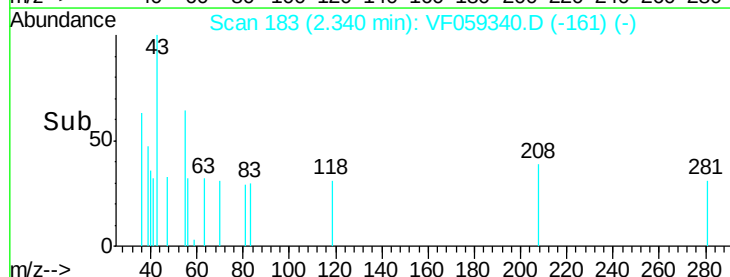
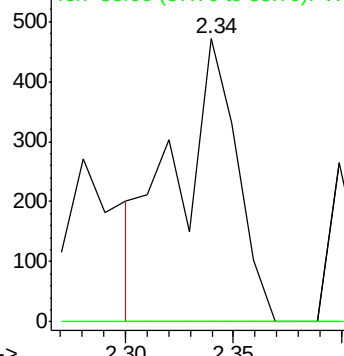
Lab File: VF059340.D

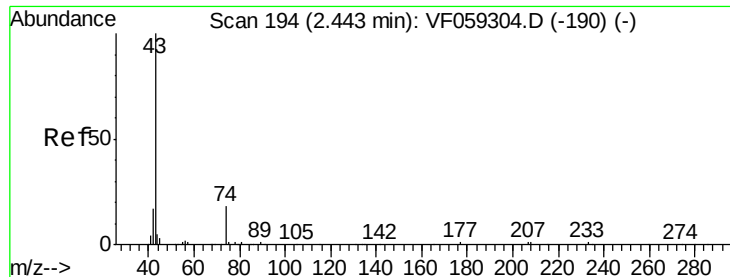
Acq: 27 Jun 2018 15:46

Tgt Ion: 43 Resp: 927
Ion Ratio Lower Upper
43 100
58 0.0 11.4 17.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0
Ion 58.00 (57.70 to 58.70): VF0

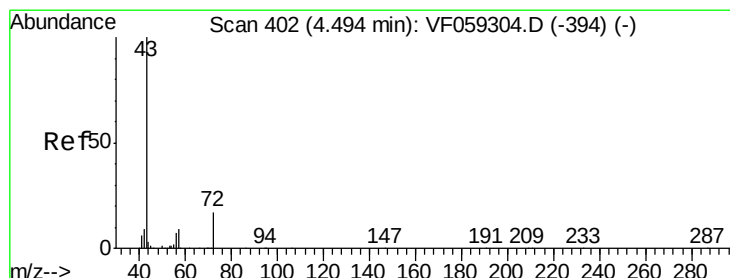
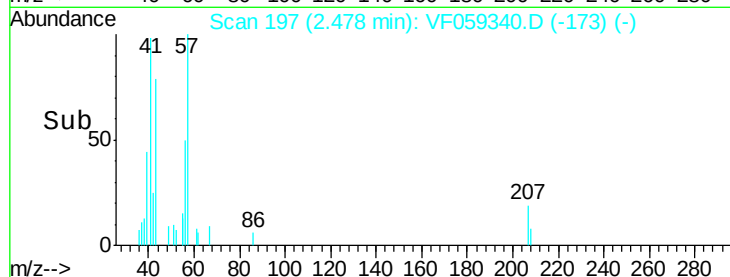
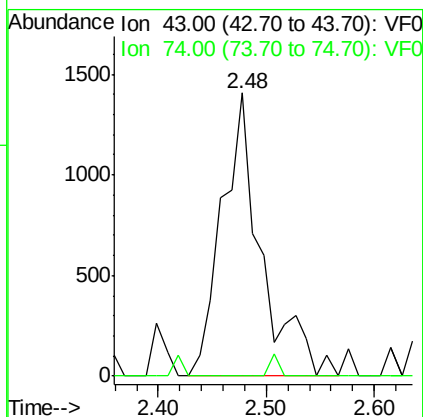
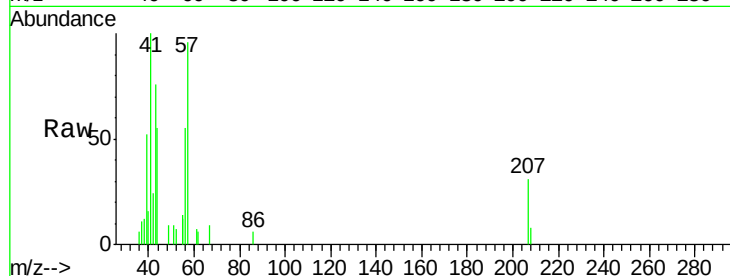




#18
Methyl Acetate
Concen: 9.013 ug/l
RT: 2.48 min Scan# 197
Delta R.T. 0.03 min
Lab File: VF059340.D
Acq: 27 Jun 2018 15:46

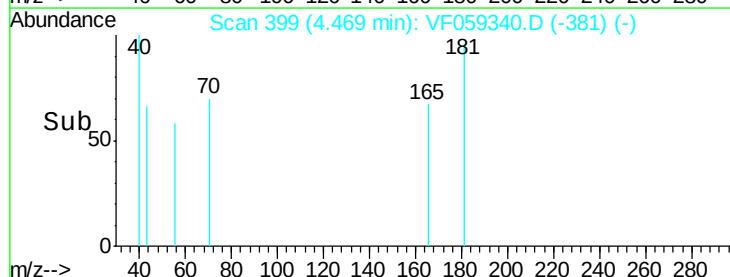
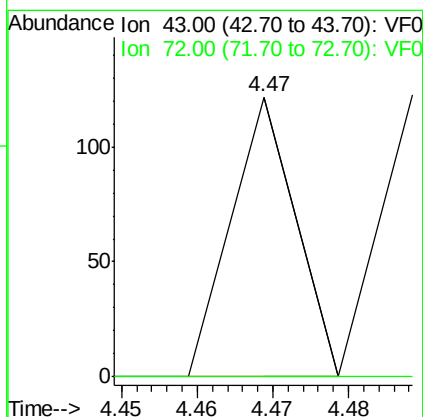
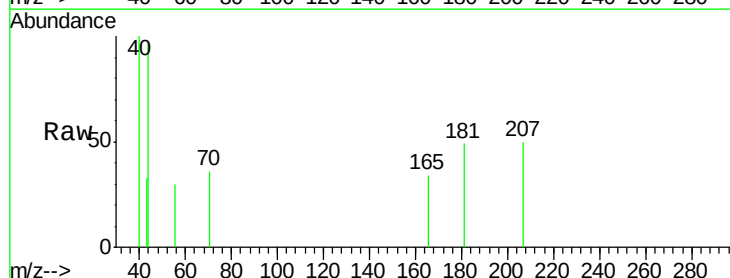
Instrument :
MSVOA_F
ClientSampleId :

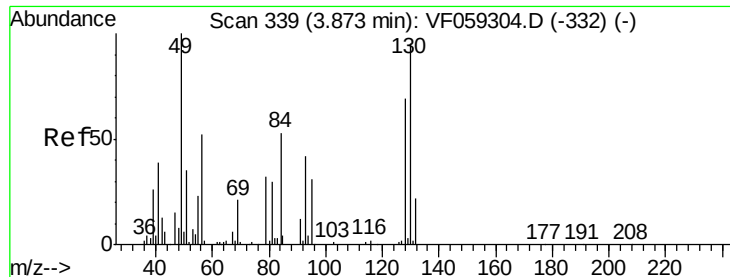
Tot Ion: 43 Resp: 3557
Ion Ratio Lower Upper
43 100
74 0.0 13.3 19.9#



#25
2-Butanone
Concen: Below Cal
RT: 4.47 min Scan# 399
Delta R.T. -0.02 min
Lab File: VF059340.D
Acq: 27 Jun 2018 15:46

Tgt Ion: 43 Resp: 72
Ion Ratio Lower Upper
43 100
72 0.0 14.4 21.6#





#28

Bromochloromethane

Concen: Below Cal

RT: 3.93 min Scan# 344

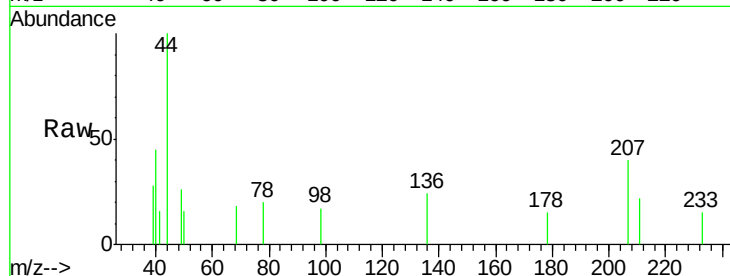
Delta R.T. 0.05 min

Lab File: VF059340.D

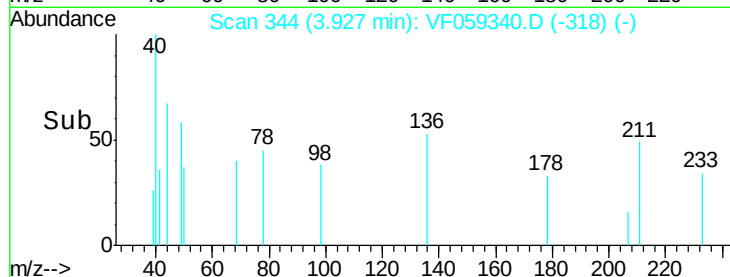
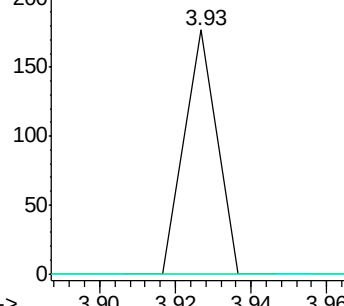
Acq: 27 Jun 2018 15:46

Instrument :
MSVOA_F
ClientSampleId :

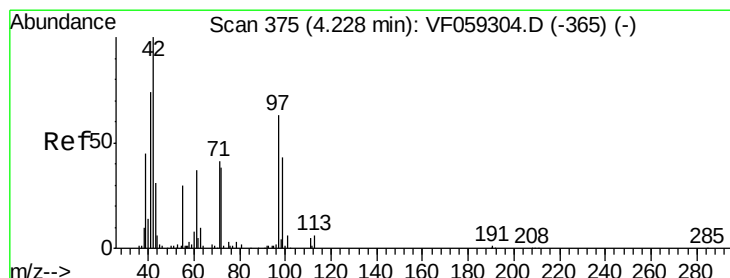
Tot Ion: 49 Resp: 105
Ion Ratio Lower Upper
49 100
129 0.0 0.0 6.4
130 0.0 75.1 112.7#



Abundance Ion 49.00 (48.70 to 49.70): VF0
Ion 129.00 (128.70 to 129.70): V
Ion 130.00 (129.70 to 130.70): V



Time-->



#29

Tetrahydrofuran

Concen: Below Cal

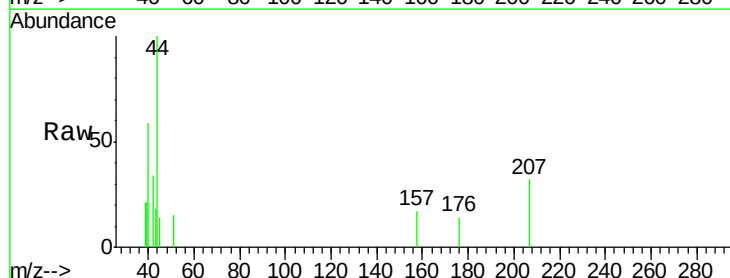
RT: 4.23 min Scan# 375

Delta R.T. 0.01 min

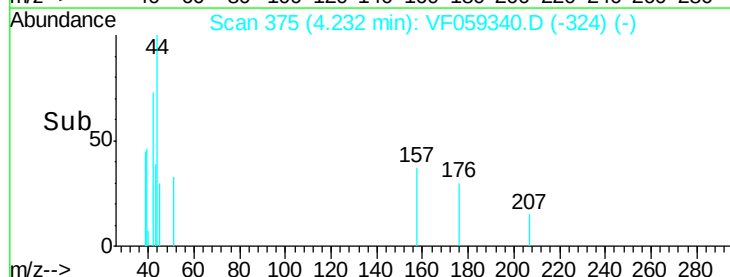
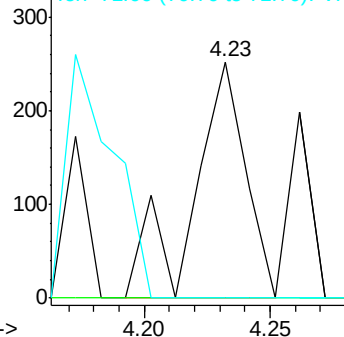
Lab File: VF059340.D

Acq: 27 Jun 2018 15:46

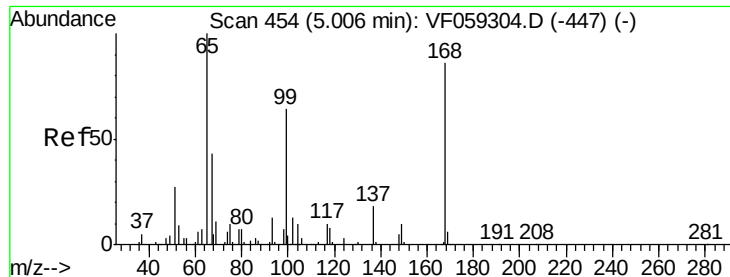
Tgt Ion: 42 Resp: 366
Ion Ratio Lower Upper
42 100
72 0.0 30.5 45.7#
71 0.0 32.5 48.7#



Abundance Ion 42.00 (41.70 to 42.70): VF0
Ion 72.00 (71.70 to 72.70): VF0
Ion 71.00 (70.70 to 71.70): VF0



Time-->



#33

1,2-Dichloroethane-d4

Concen: 0.195 ug/l

RT: 5.00 min Scan# 453

Delta R.T. -0.01 min

Lab File: VF059340.D

Acq: 27 Jun 2018 15:46

Instrument :

MSVOA_F

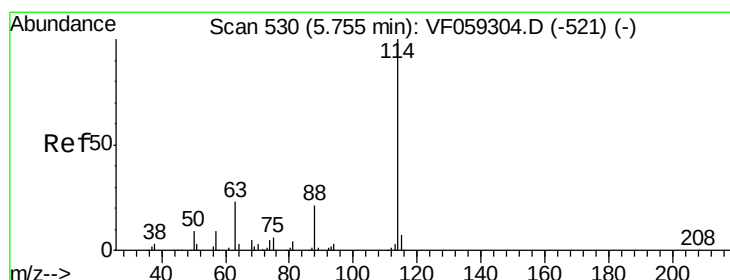
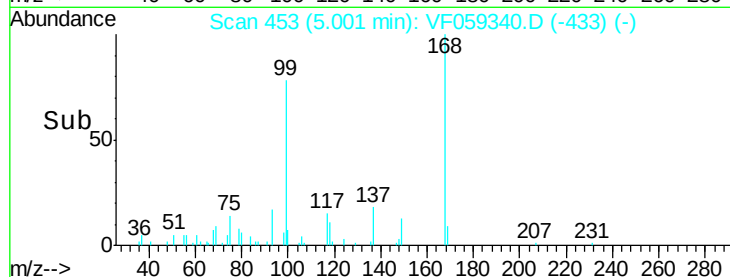
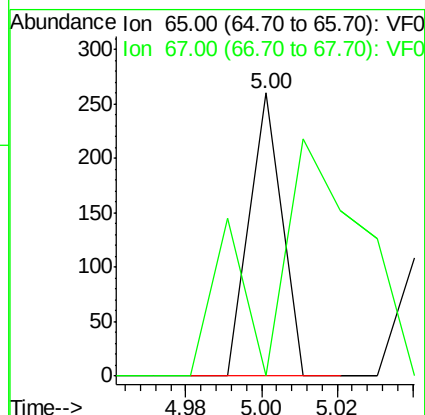
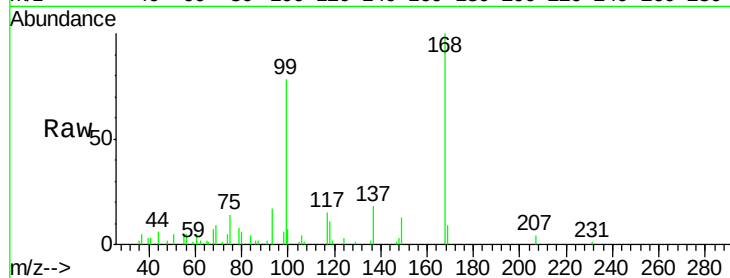
ClientSampled :

Tot Ion: 65 Resp: 154

Ion Ratio Lower Upper

65 100

67 0.0 0.0 96.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.75 min Scan# 529

Delta R.T. -0.01 min

Lab File: VF059340.D

Acq: 27 Jun 2018 15:46

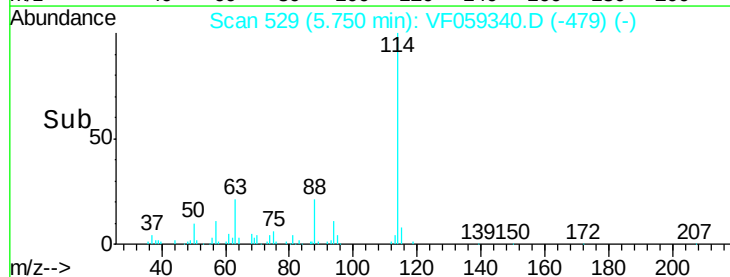
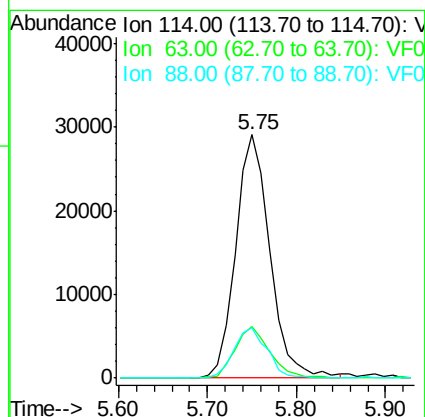
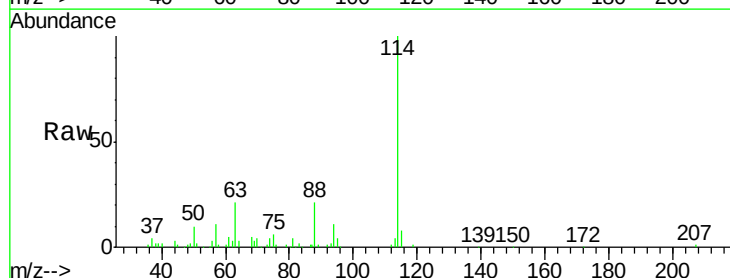
Tgt Ion: 114 Resp: 77615

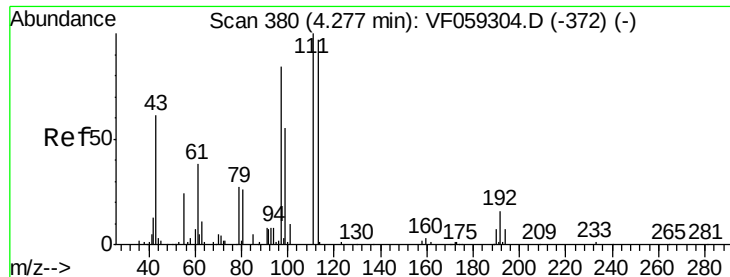
Ion Ratio Lower Upper

114 100

63 21.1 0.0 45.8

88 20.9 0.0 41.2

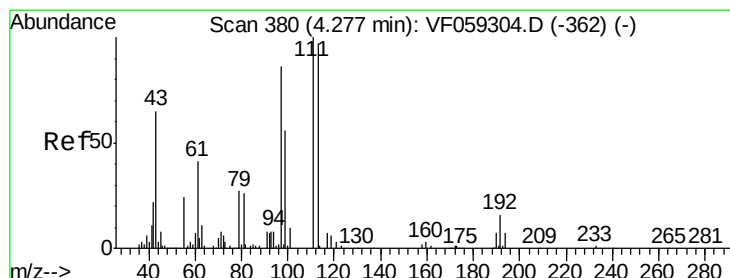
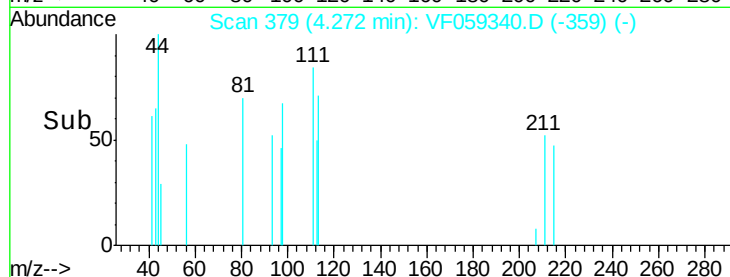
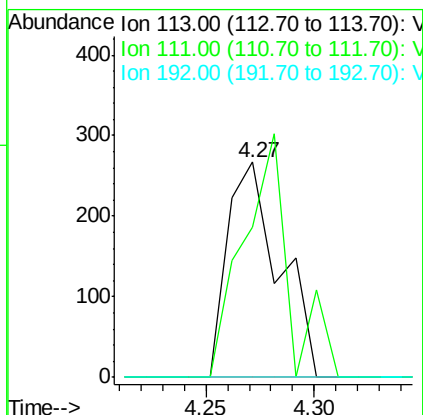
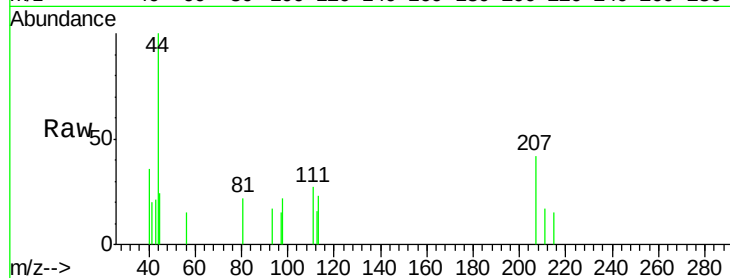




#35
 Dibromofluoromethane
 Concen: 0.788 ug/l
 RT: 4.27 min Scan# 379
 Delta R.T. -0.01 min
 Lab File: VF059340.D
 Acq: 27 Jun 2018 15:46

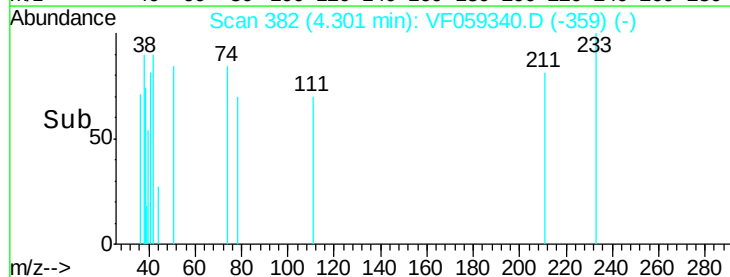
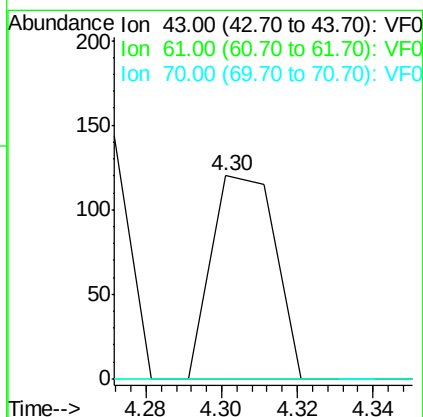
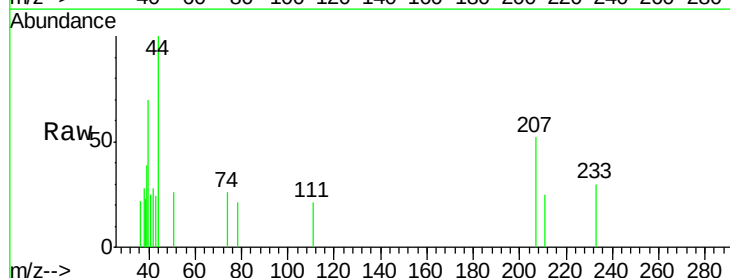
Instrument :
 MSVOA_F
 ClientSampled :

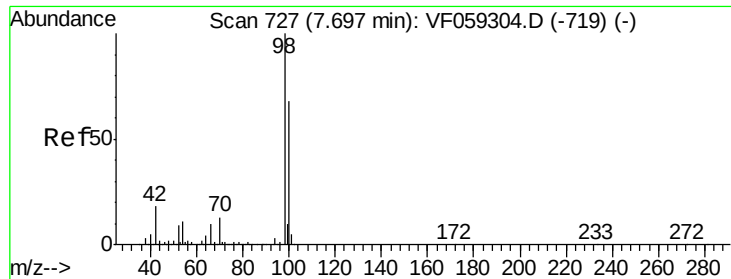
Tot Ion:113 Resp: 447
 Ion Ratio Lower Upper
 113 100
 111 69.7 82.1 123.1#
 192 0.0 13.0 19.6#



#37
 Ethyl Acetate
 Concen: Below Cal
 RT: 4.30 min Scan# 382
 Delta R.T. 0.03 min
 Lab File: VF059340.D
 Acq: 27 Jun 2018 15:46

Tgt Ion: 43 Resp: 139
 Ion Ratio Lower Upper
 43 100
 61 0.0 50.1 75.1#
 70 0.0 6.2 9.4#

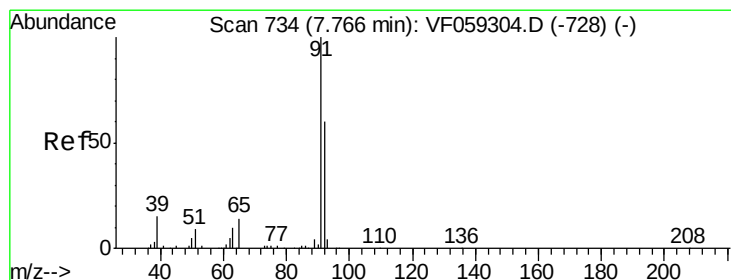
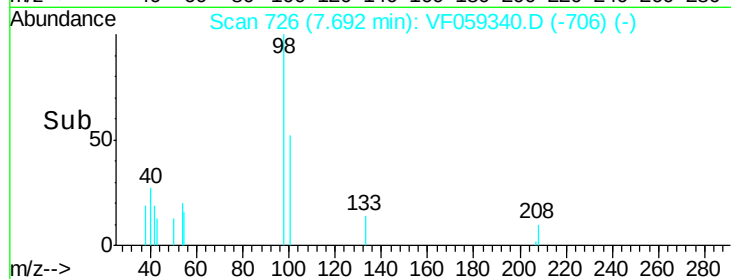
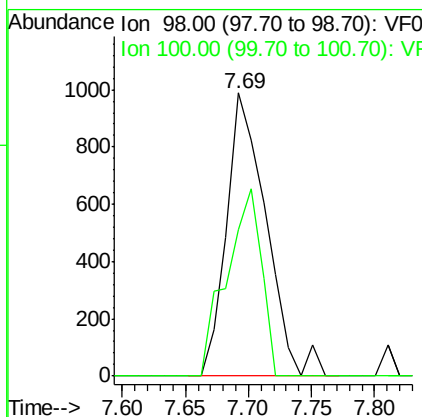
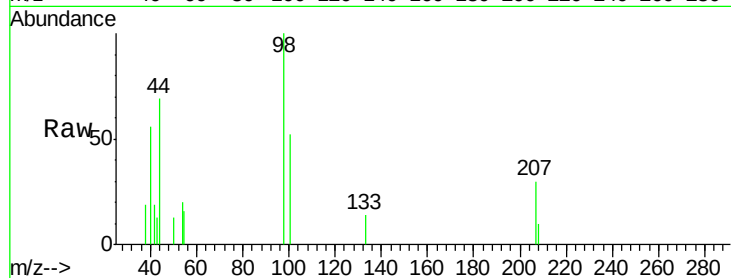




#50
Toluene-d8
Concen: 1.529 ug/l
RT: 7.69 min Scan# 726
Delta R.T. -0.01 min
Lab File: VF059340.D
Acq: 27 Jun 2018 15:46

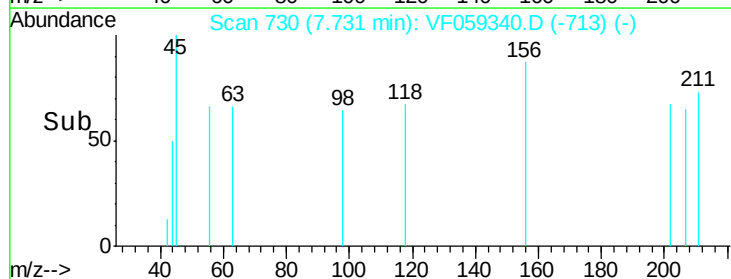
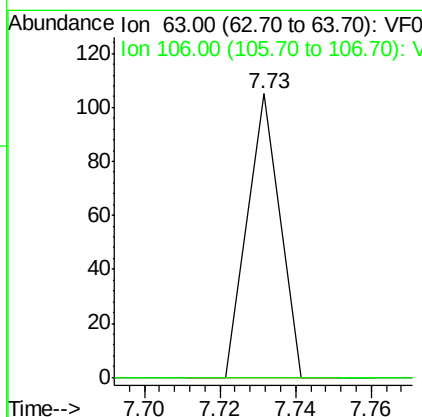
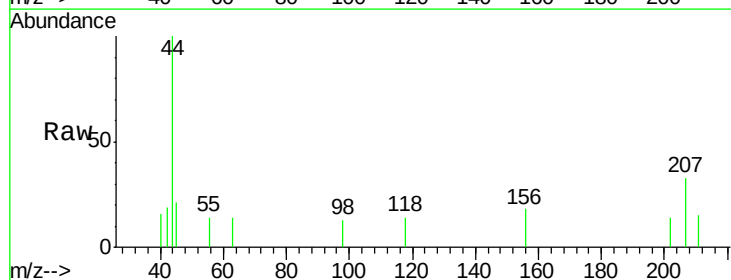
Instrument :
MSVOA_F
ClientSampled :

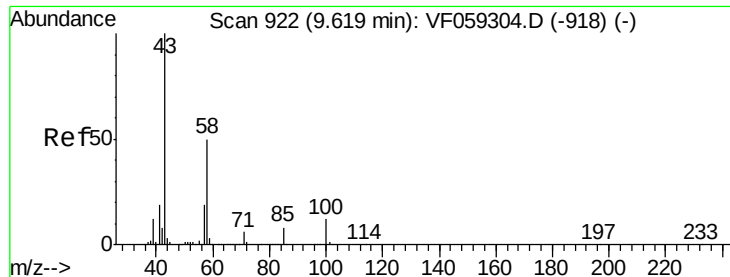
Tot Ion: 98 Resp: 2147
Ion Ratio Lower Upper
98 100
100 51.8 54.6 82.0#



#58
2-Chloroethyl Vinyl ether
Concen: 1.528 ug/l
RT: 7.73 min Scan# 730
Delta R.T. -0.03 min
Lab File: VF059340.D
Acq: 27 Jun 2018 15:46

Tgt Ion: 63 Resp: 62
Ion Ratio Lower Upper
63 100
106 0.0 0.0 0.0

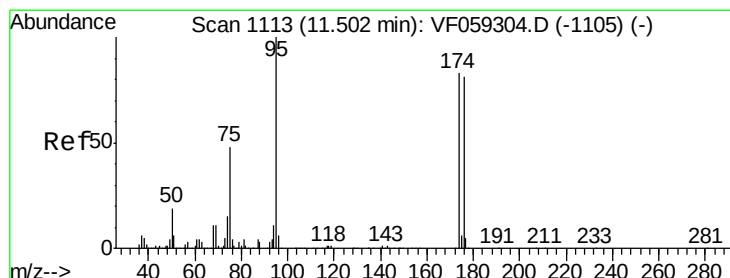
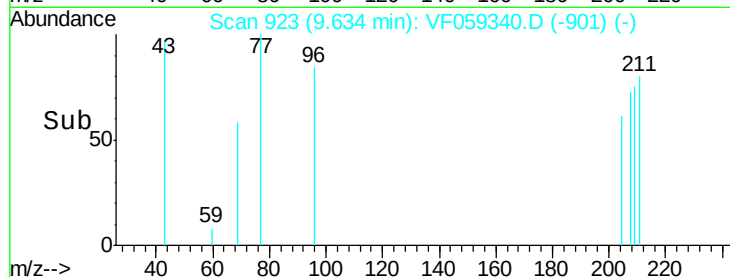
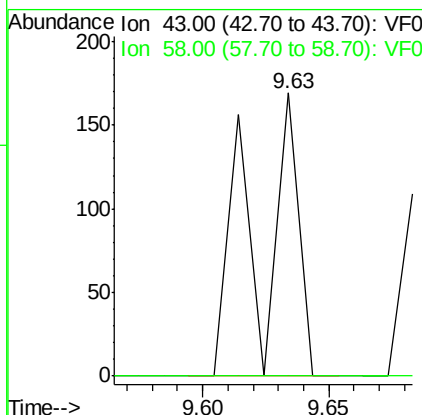
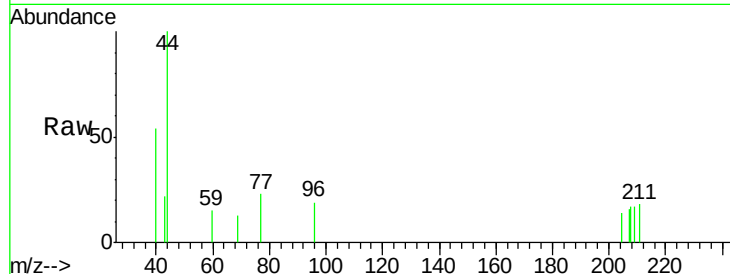




#59
2-Hexanone
Concen: Below Cal
RT: 9.63 min Scan# 923
Delta R.T. 0.01 min
Lab File: VF059340.D
Acq: 27 Jun 2018 15:46

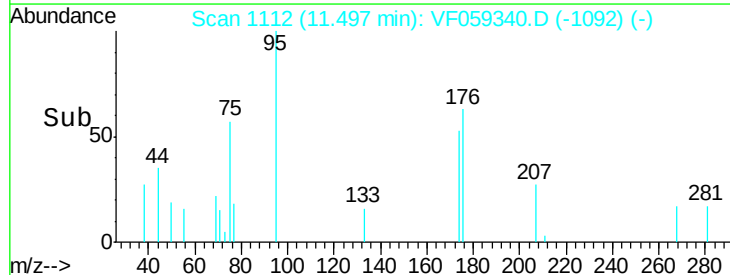
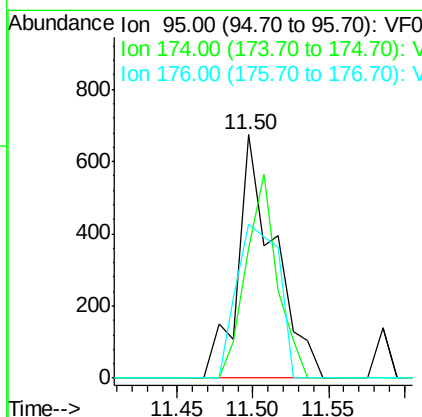
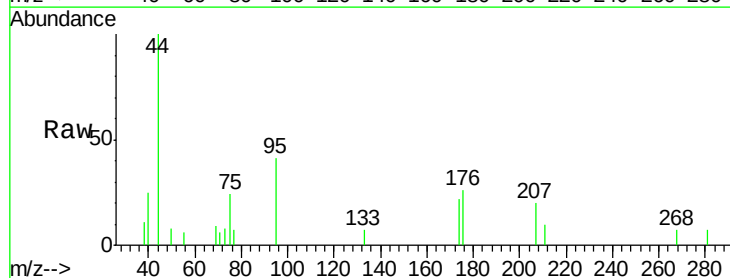
Instrument :
MSVOA_F
ClientSampleId :

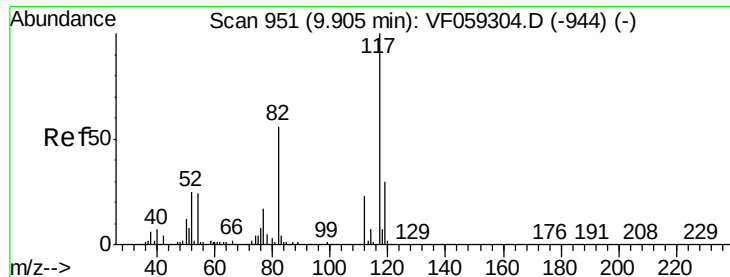
Tot Ion: 43 Resp: 192
Ion Ratio Lower Upper
43 100
58 0.0 23.3 69.9#



#62
4-Bromofluorobenzene
Concen: 1.441 ug/l
RT: 11.50 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VF059340.D
Acq: 27 Jun 2018 15:46

Tgt Ion: 95 Resp: 1141
Ion Ratio Lower Upper
95 100
174 53.4 0.0 165.2
176 63.2 0.0 161.0

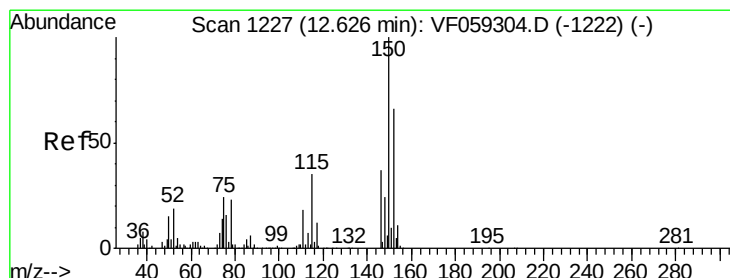
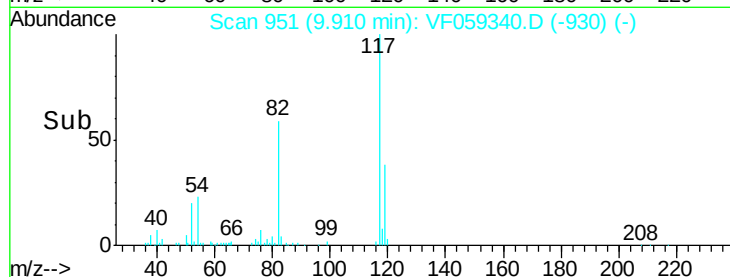
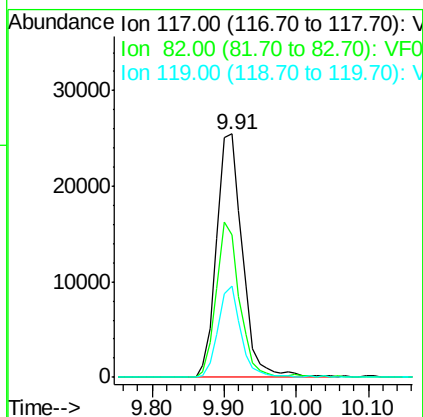
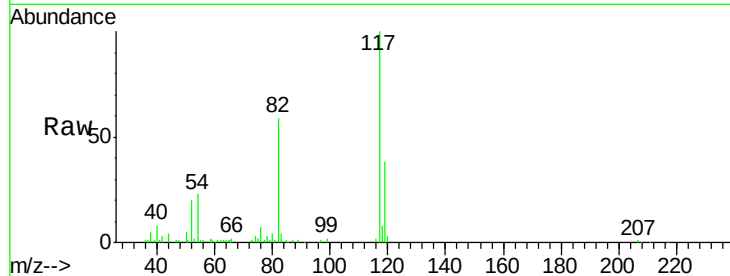




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 951
Delta R.T. 0.00 min
Lab File: VF059340.D
Acq: 27 Jun 2018 15:46

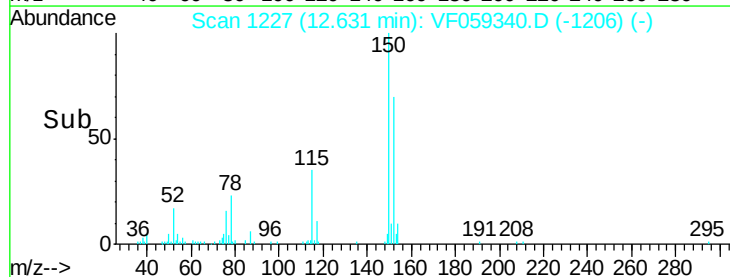
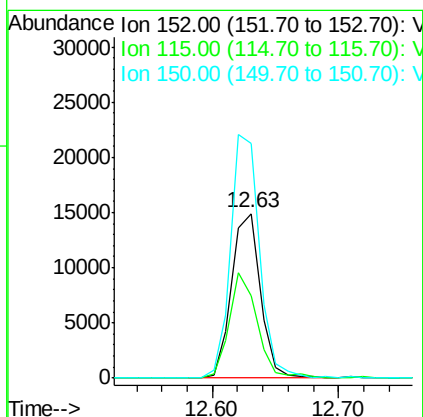
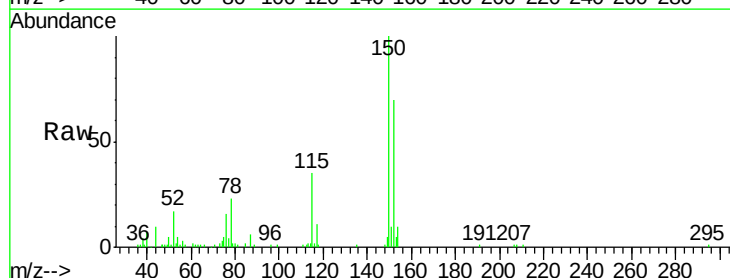
Instrument :
MSVOA_F
ClientSampleId :

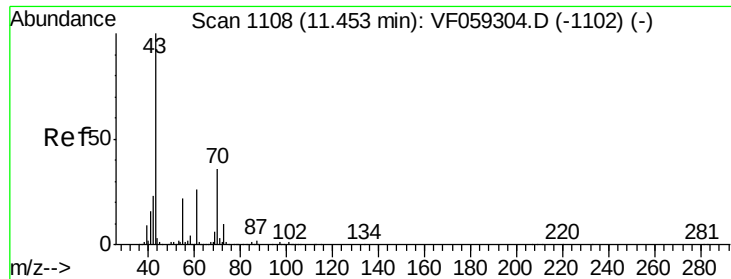
Tot Ion:117 Resp: 63113
Ion Ratio Lower Upper
117 100
82 58.6 44.6 66.8
119 37.6 24.1 36.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. 0.00 min
Lab File: VF059340.D
Acq: 27 Jun 2018 15:46

Tgt Ion:152 Resp: 23598
Ion Ratio Lower Upper
152 100
115 50.4 27.1 81.3
150 142.5 0.0 305.2





#74
 N-amvl acetate
 Concen: 2.189 ug/l
 RT: 11.46 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VF059340.D
 Acq: 27 Jun 2018 15:46

Instrument :
 MSVOA_F
 ClientSampleId :

Tot Ion:	43	Resp:	1092
Ion	Ratio	Lower	Upper
43	100		
70	0.0	28.8	43.2#
55	0.0	17.4	26.0#
61	0.0	21.1	31.7#

