

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071018\
 Data File : VF059494.D
 Acq On : 10 Jul 2018 19:48
 Operator : VA/AP
 Sample : J3880-02RE
 Misc : 5.47g/5mL/MSVOA F/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: Jul 11 00:57:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 06:35:36 2018
 Response via : Initial Calibration

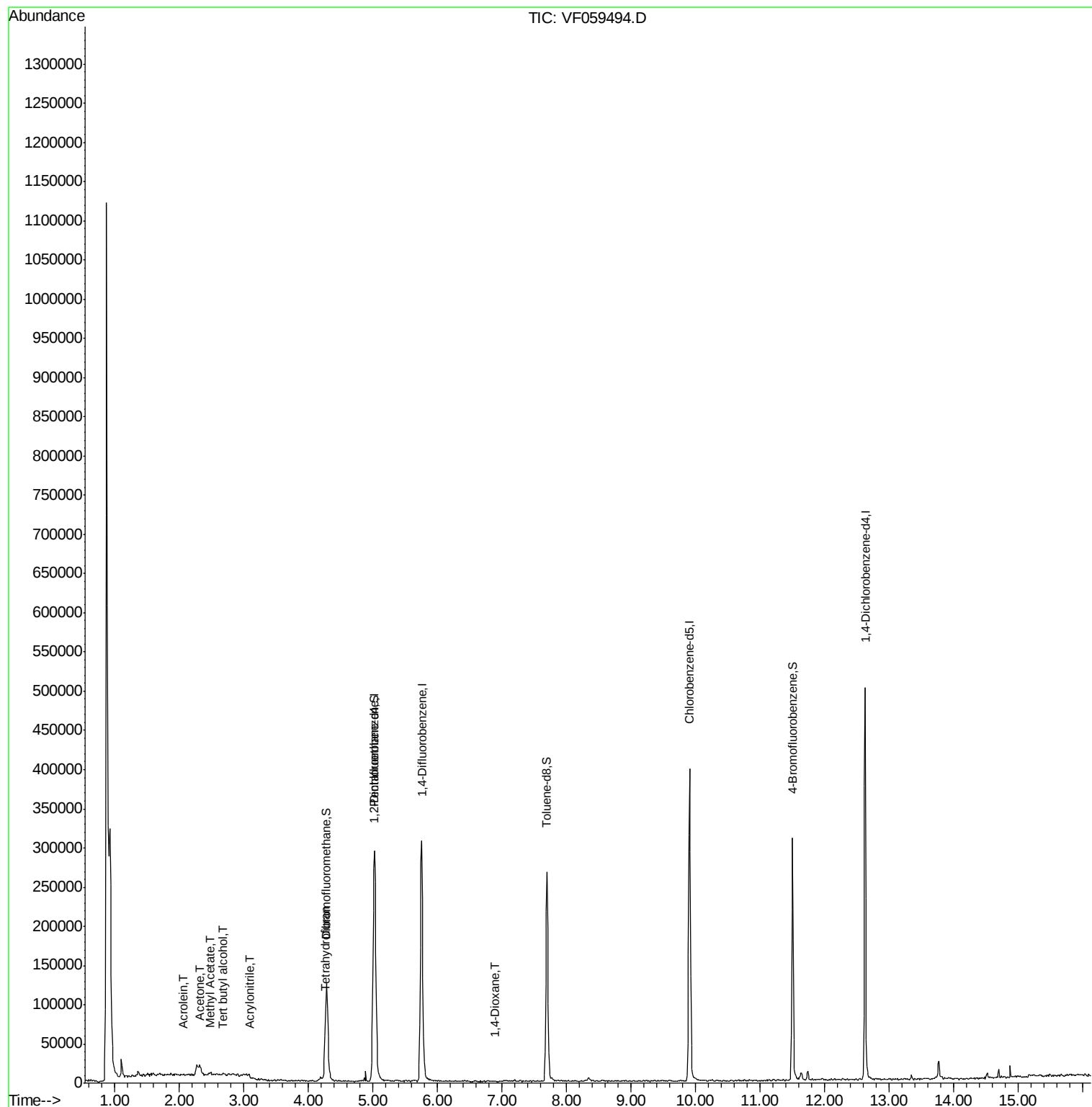
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	198158	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.75	114	298152	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.90	117	258406	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	122124	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	125009	36.27	ug/l	0.02
Spiked Amount 50.000			Recovery	=	72.54%	
35) Dibromofluoromethane	4.29	113	109304	38.21	ug/l	0.03
Spiked Amount 50.000			Recovery	=	76.42%	
50) Toluene-d8	7.70	98	207405	30.82	ug/l	0.02
Spiked Amount 50.000			Recovery	=	61.64%	
62) 4-Bromofluorobenzene	11.50	95	98867	26.34	ug/l	0.02
Spiked Amount 50.000			Recovery	=	52.68%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.67	59	747	4.758	ug/l #	1
13) Acrolein	2.06	56	209	1.718	ug/l #	11
15) Acrylonitrile	3.08	53	324	1.130	ug/l #	43
16) Acetone	2.31	43	854	1.657	ug/l #	67
18) Methyl Acetate	2.47	43	2711	2.265	ug/l #	66
20) Methylene Chloride	2.31	84	5064	Below Cal		92
29) Tetrahydrofuran	4.25	42	549	1.667	ug/l #	89
49) 1,4-Dioxane	6.89	88	73	10.654	ug/l #	41

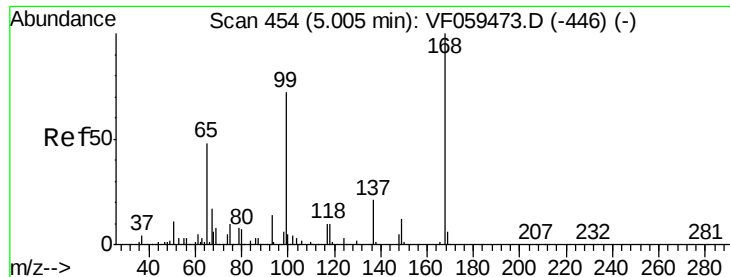
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jul 07 06:35:36 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.03 min Scan# 457

Delta R.T. 0.03 min

Lab File: VF059494.D

Acq: 10 Jul 2018 19:48

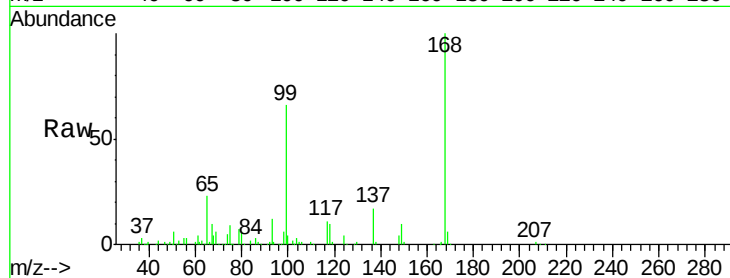
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:168 Resp: 198158

Ion Ratio Lower Upper

168 100

99 66.0 57.7 86.5



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.03

80000

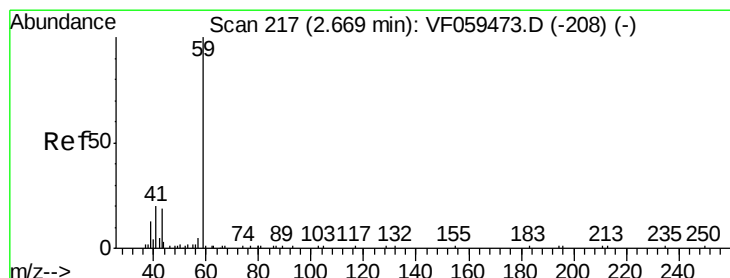
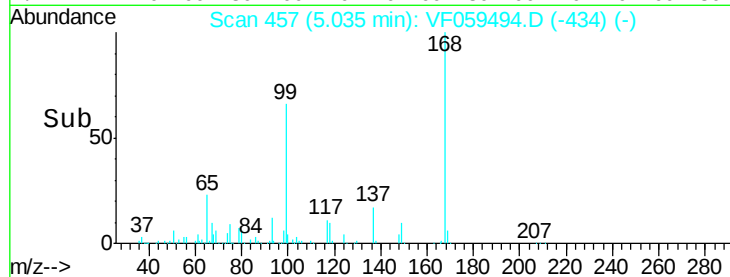
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 4.758 ug/l

RT: 2.67 min Scan# 217

Delta R.T. 0.00 min

Lab File: VF059494.D

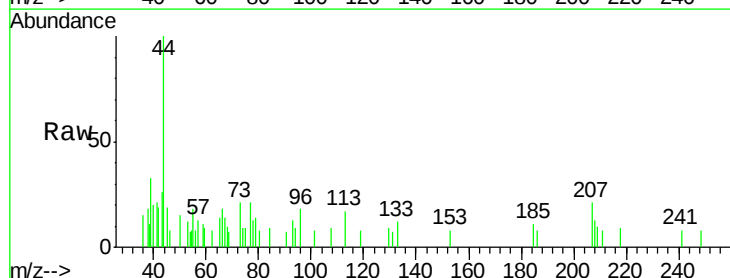
Acq: 10 Jul 2018 19:48

Tgt Ion: 59 Resp: 747

Ion Ratio Lower Upper

59 100

57 61.1 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VF0

Ion 57.00 (56.70 to 57.70): VF0

2.67

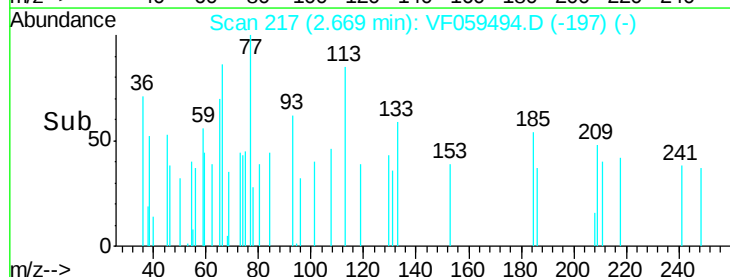
300

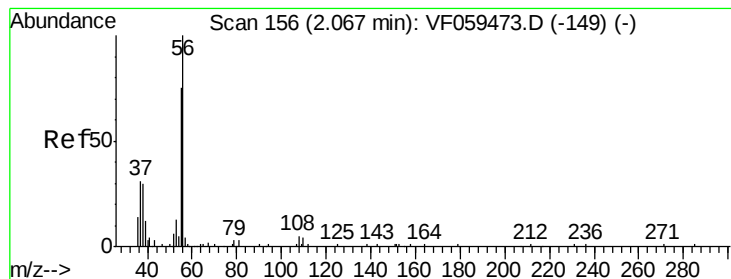
200

100

0

Time-->





#13

Acrolein

Concen: 1.718 ug/l

RT: 2.06 min Scan# 155

Delta R.T. -0.01 min

Lab File: VF059494.D

Acq: 10 Jul 2018 19:48

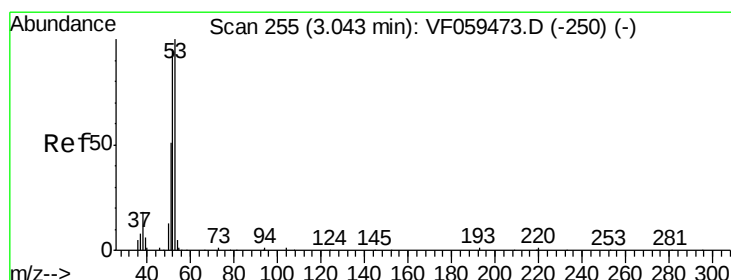
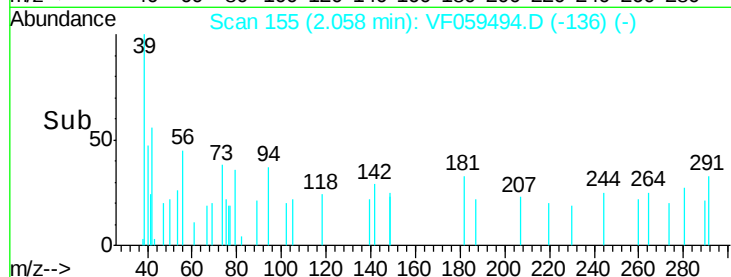
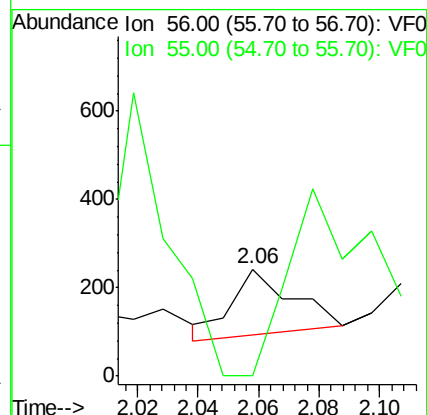
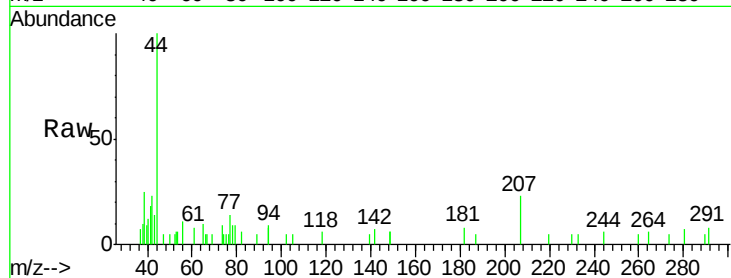
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 56 Resp: 209

Ion Ratio Lower Upper

56 100

55 0.0 61.2 91.8#



#15

Acrylonitrile

Concen: 1.130 ug/l

RT: 3.08 min Scan# 259

Delta R.T. 0.04 min

Lab File: VF059494.D

Acq: 10 Jul 2018 19:48

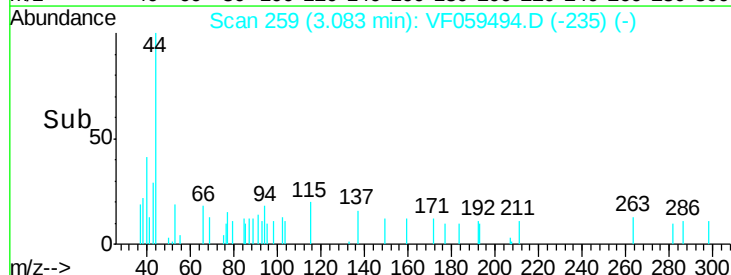
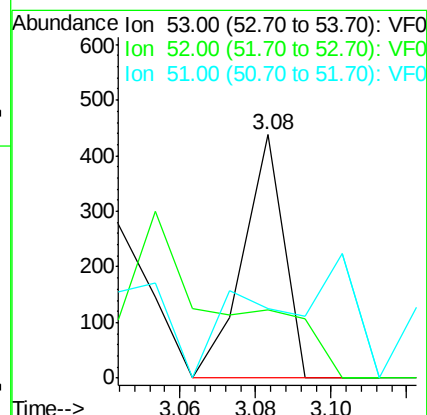
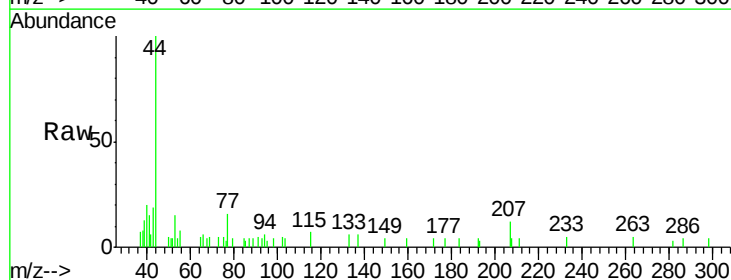
Tgt Ion: 53 Resp: 324

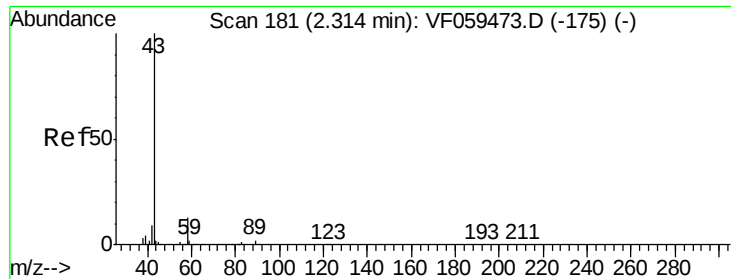
Ion Ratio Lower Upper

53 100

52 28.3 76.8 115.2#

51 28.5 41.8 62.8#





#16

Acetone

Concen: 1.657 ug/l

RT: 2.31 min Scan# 181

Delta R.T. 0.00 min

Lab File: VF059494.D

Acq: 10 Jul 2018 19:48

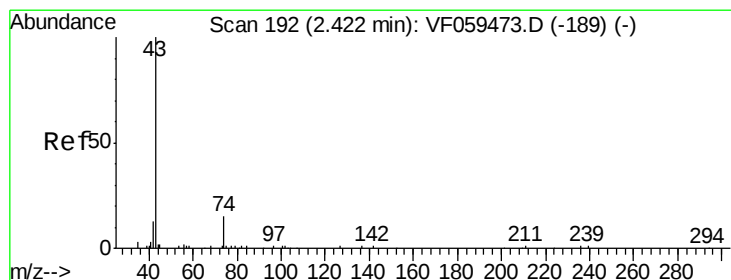
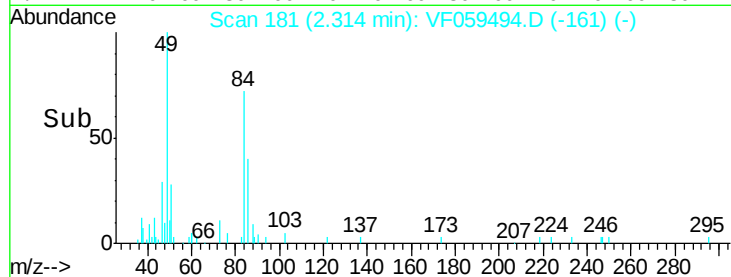
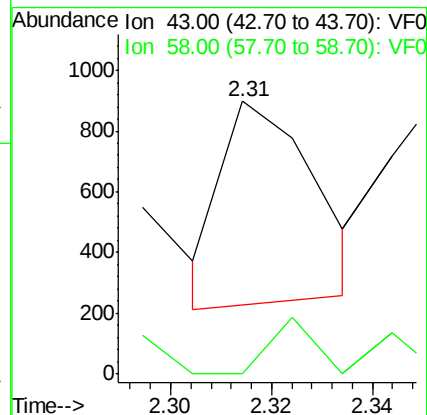
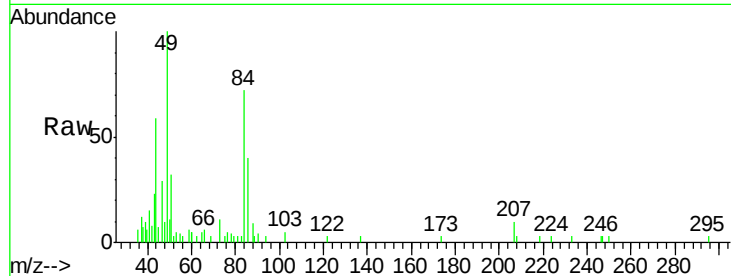
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 43 Resp: 854

Ion Ratio Lower Upper

43 100

58 0.0 10.5 15.7#



#18

Methyl Acetate

Concen: 2.265 ug/l

RT: 2.47 min Scan# 197

Delta R.T. 0.05 min

Lab File: VF059494.D

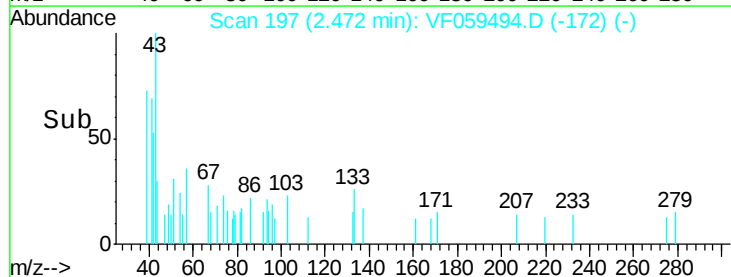
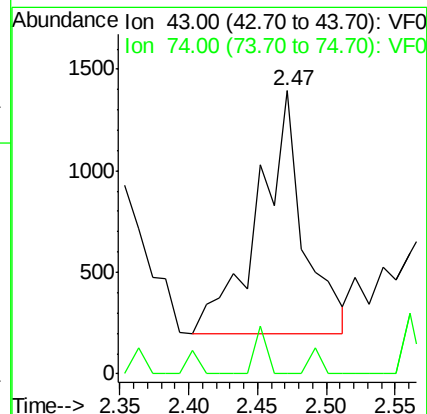
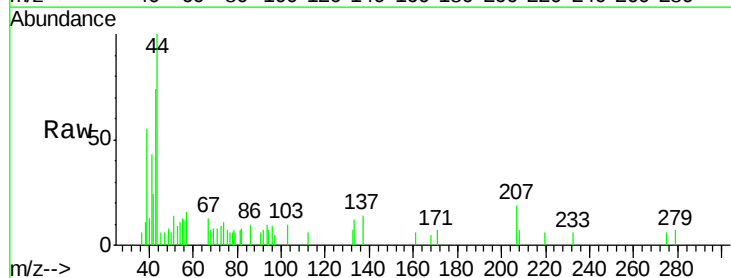
Acq: 10 Jul 2018 19:48

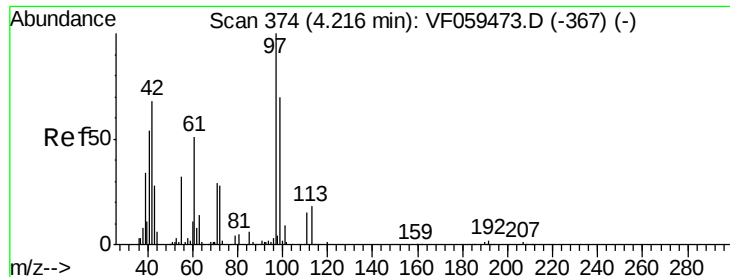
Tgt Ion: 43 Resp: 2711

Ion Ratio Lower Upper

43 100

74 0.0 10.8 16.2#

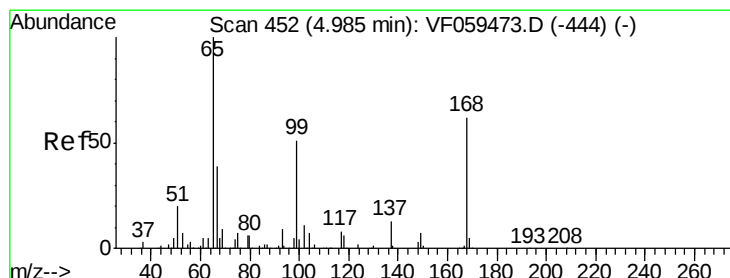
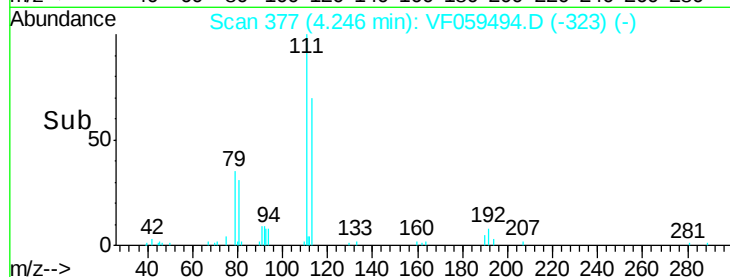
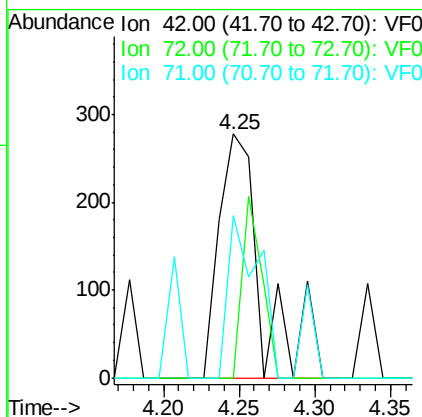
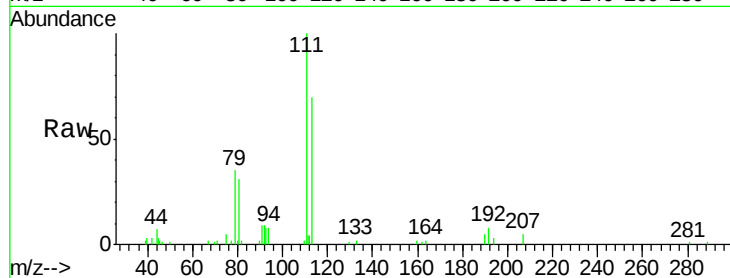




#29
Tetrahydrofuran
Concen: 1.667 ug/l
RT: 4.25 min Scan# 377
Delta R.T. 0.03 min
Lab File: VF059494.D
Acq: 10 Jul 2018 19:48

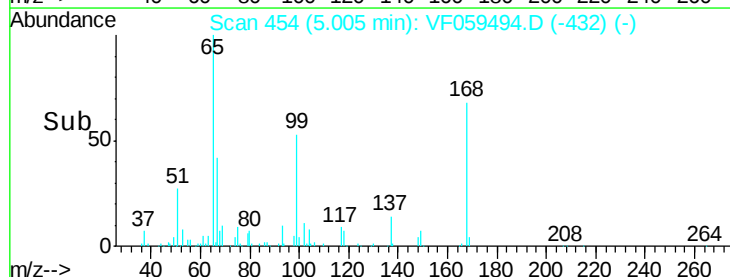
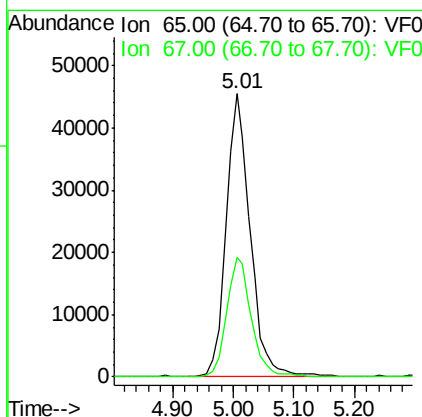
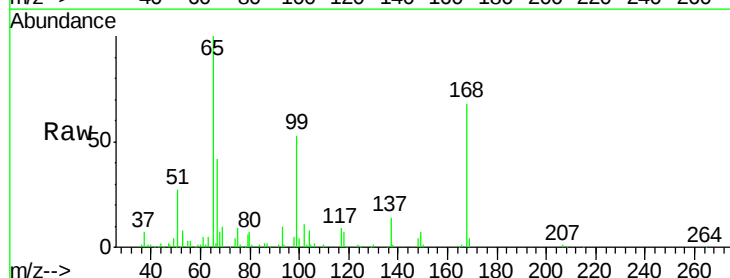
Instrument :
MSVOA_F
ClientSampleId :

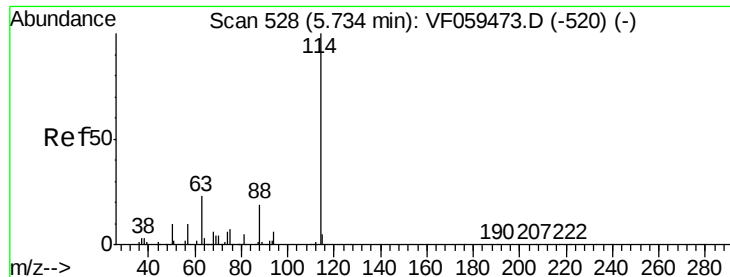
Tot Ion: 42 Resp: 549
Ion Ratio Lower Upper
42 100
72 33.7 29.2 43.8
71 47.9 30.1 45.1#



#33
1,2-Dichloroethane-d4
Concen: 36.271 ug/l
RT: 5.01 min Scan# 454
Delta R.T. 0.02 min
Lab File: VF059494.D
Acq: 10 Jul 2018 19:48

Tgt Ion: 65 Resp: 125009
Ion Ratio Lower Upper
65 100
67 42.2 0.0 88.6

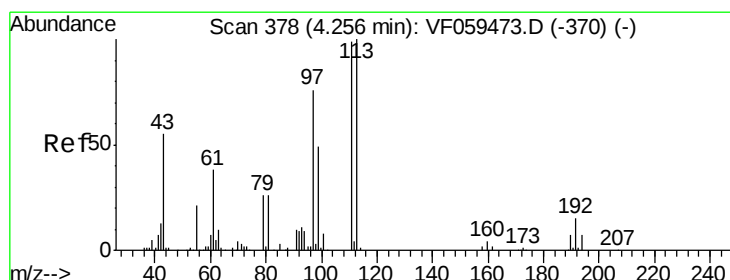
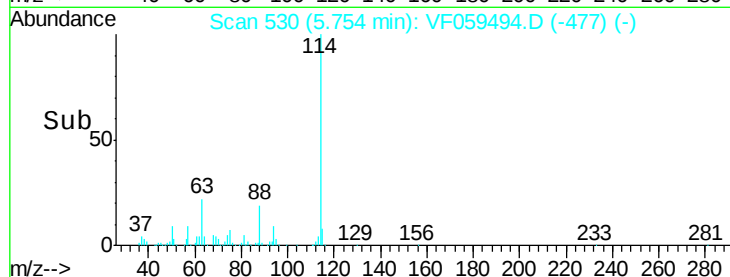
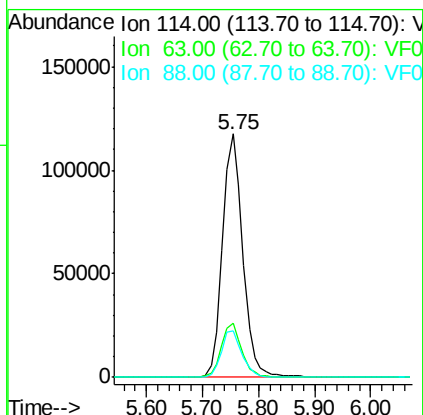
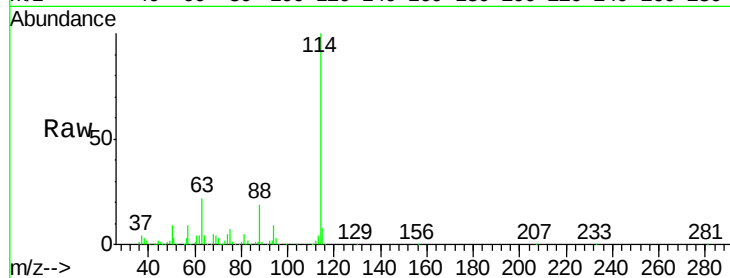




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.75 min Scan# 530
 Delta R.T. 0.02 min
 Lab File: VF059494.D
 Acq: 10 Jul 2018 19:48

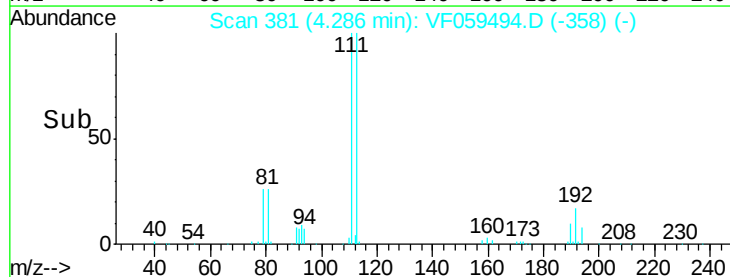
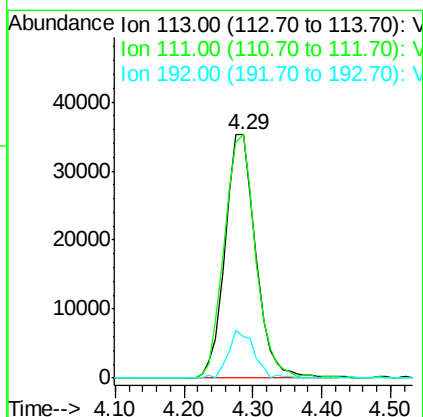
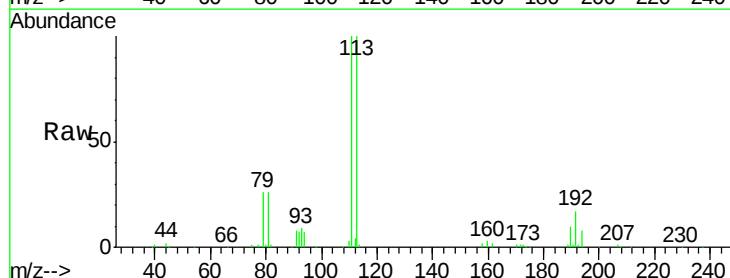
Instrument :
 MSVOA_F
 ClientSampleId :

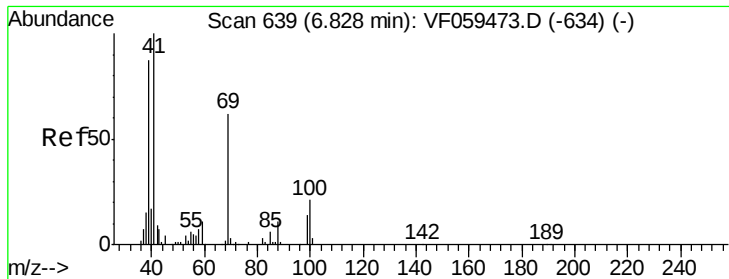
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	47.2
88	18.9	0.0	38.0



#35
 Dibromofluoromethane
 Concen: 38.208 ug/l
 RT: 4.29 min Scan# 381
 Delta R.T. 0.03 min
 Lab File: VF059494.D
 Acq: 10 Jul 2018 19:48

Tgt Ion	Ratio	Lower	Upper
113	100		
111	99.8	79.3	118.9
192	16.9	12.0	18.0





#49

1,4-Dioxane

Concen: 10.654 ug/l

RT: 6.89 min Scan# 645

Delta R.T. 0.06 min

Lab File: VF059494.D

Acq: 10 Jul 2018 19:48

Instrument :
MSVOA_F
ClientSampleId :

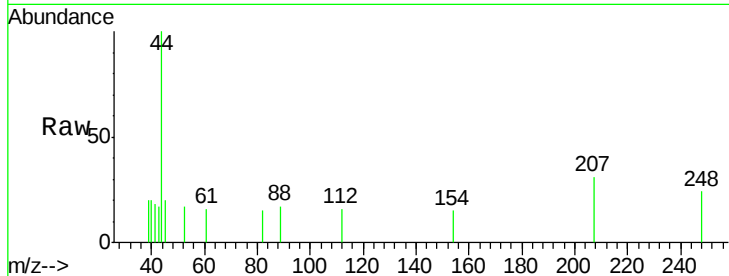
Tot Ion: 88 Resp: 73

Ion Ratio Lower Upper

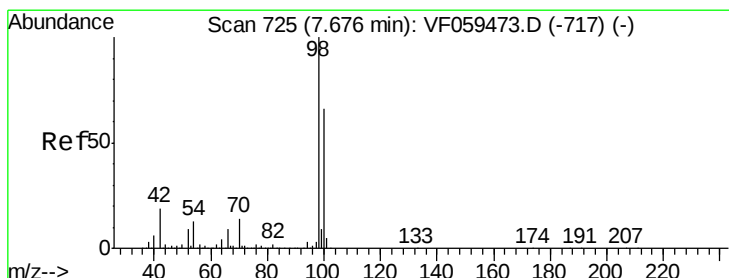
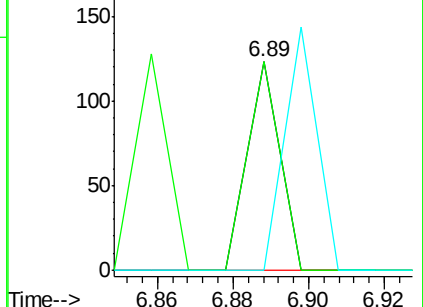
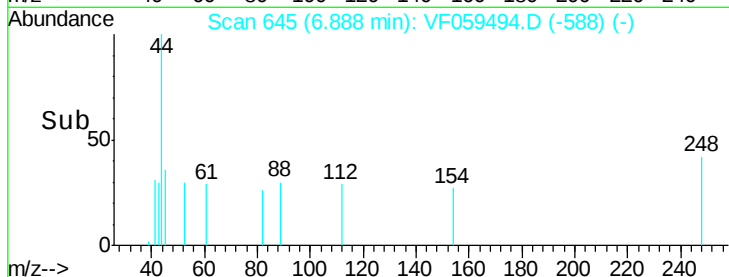
88 100

43 100.0 57.3 85.9#

58 0.0 54.6 81.8#



Abundance Ion 88.00 (87.70 to 88.70): VF0
Ion 43.00 (42.70 to 43.70): VF0
Ion 58.00 (57.70 to 58.70): VF0



#50

Toluene-d8

Concen: 30.819 ug/l

RT: 7.70 min Scan# 727

Delta R.T. 0.02 min

Lab File: VF059494.D

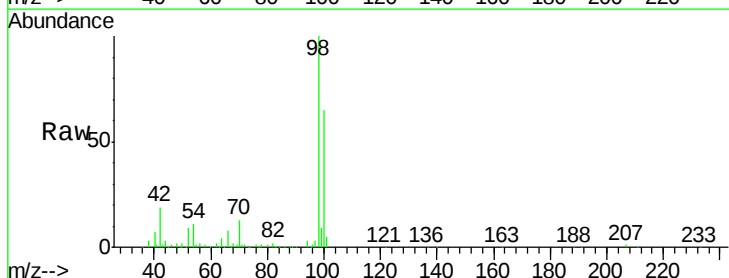
Acq: 10 Jul 2018 19:48

Tgt Ion: 98 Resp: 207405

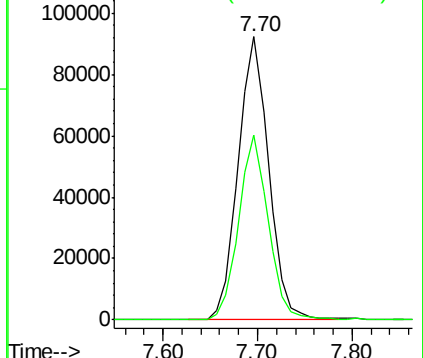
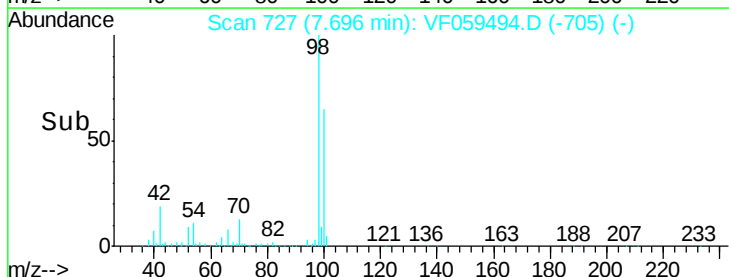
Ion Ratio Lower Upper

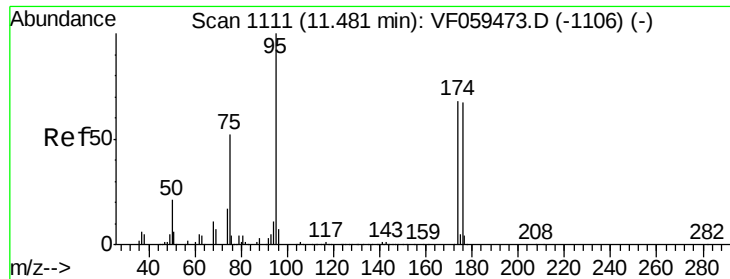
98 100

100 65.4 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VF0
Ion 100.00 (99.70 to 100.70): VF0

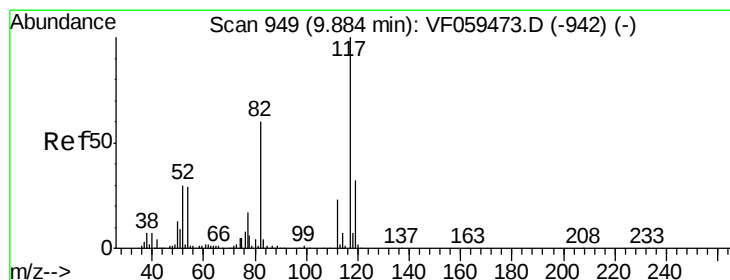
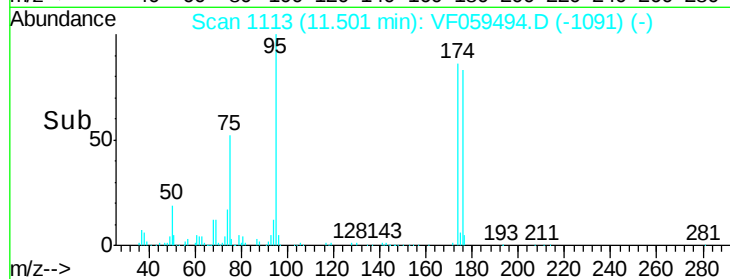
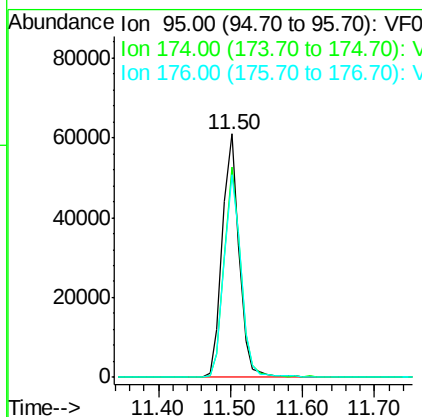
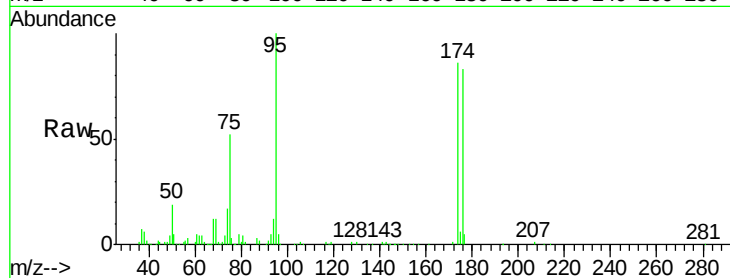




#62
4-Bromofluorobenzene
Concen: 26.335 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VF059494.D
Acq: 10 Jul 2018 19:48

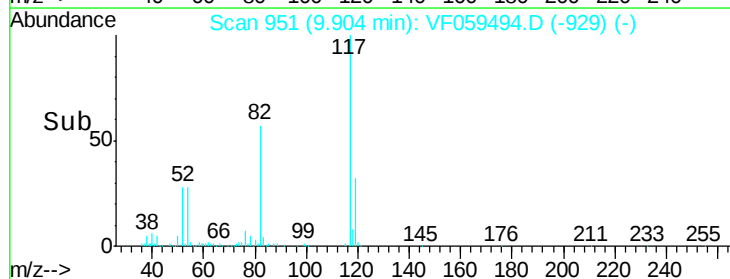
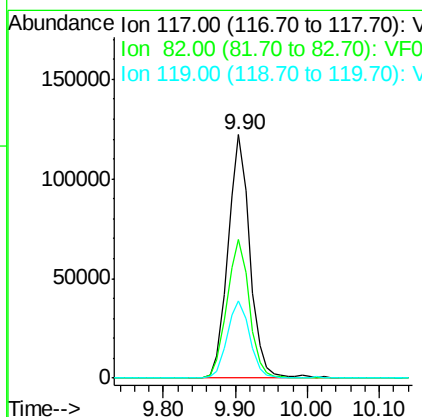
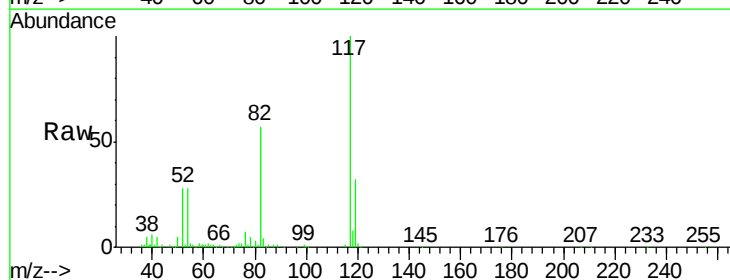
Instrument :
MSVOA_F
ClientSampleId :

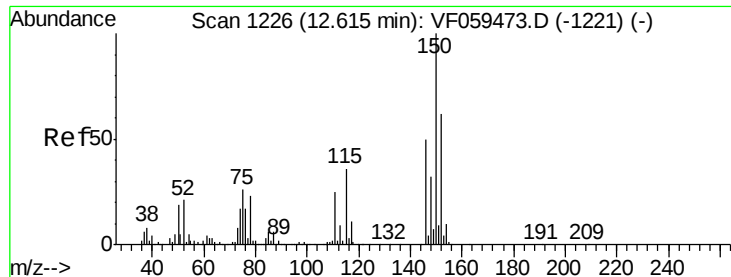
Tot Ion	95	Resp	98867
Ion	Ratio	Lower	Upper
95	100		
174	86.4	0.0	137.0
176	83.0	0.0	133.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 951
Delta R.T. 0.02 min
Lab File: VF059494.D
Acq: 10 Jul 2018 19:48

Tgt Ion	117	Resp	258406
Ion	Ratio	Lower	Upper
117	100		
82	57.2	48.2	72.4
119	31.6	25.7	38.5



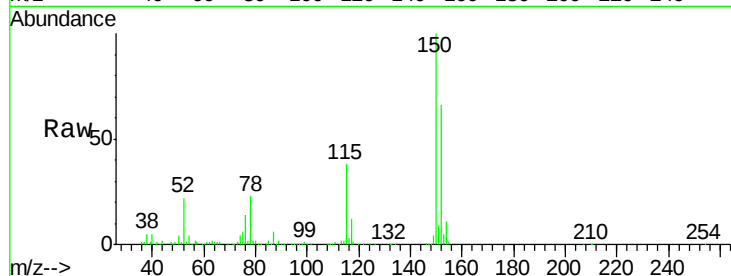


#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.62 min Scan# 1227
 Delta R.T. 0.01 min
 Lab File: VF059494.D
 Acq: 10 Jul 2018 19:48

Instrument :
 MSVOA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.6	28.7	86.3
150	151.2	0.0	323.8



Abundance Ion 152.00 (151.70 to 152.70): V
 Ion 115.00 (114.70 to 115.70): V
 Ion 150.00 (149.70 to 150.70): V

