

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071818\
 Data File : VF059539.D
 Acq On : 19 Jul 2018 3:40
 Operator : VA/AP
 Sample : J3991-03
 Misc : 5.32g/5mL/MSVOA F/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: Jul 19 05:55:27 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

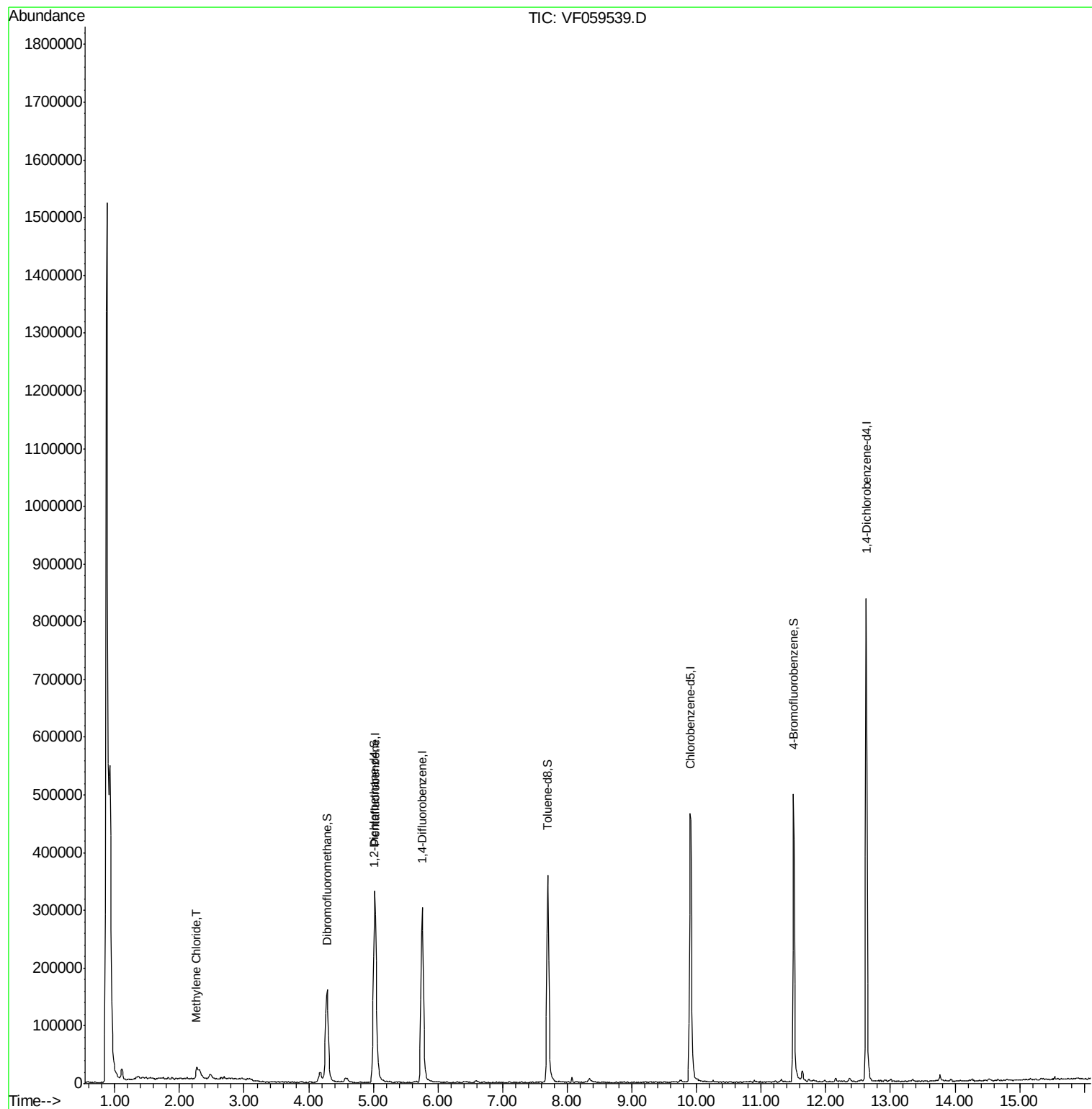
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	210604	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.75	114	306300	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.91	117	333715	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	202424	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	168883	51.56	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	103.12%	
35) Dibromofluoromethane	4.29	113	143708	54.17	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	108.34%	
50) Toluene-d8	7.70	98	303378	45.40	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	90.80%	
62) 4-Bromofluorobenzene	11.50	95	169638	48.39	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	96.78%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.68	59	533	Below Cal	#	40
13) Acrolein	2.11	56	264	Below Cal	#	1
16) Acetone	2.32	43	3312	Below Cal	#	82
20) Methylene Chloride	2.27	84	15274	6.333 ug/l	#	74
29) Tetrahydrofuran	4.24	42	492	Below Cal	#	45
37) Ethyl Acetate	4.30	43	503	Below Cal	#	41
49) 1,4-Dioxane	6.91	88	77	Below Cal	#	61

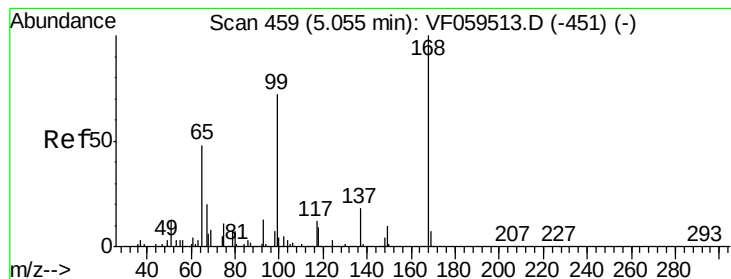
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

Quant Time: Jul 19 05:55:27 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# 457

Delta R.T. -0.02 min

Lab File: VF059539.D

Acq: 19 Jul 2018 3:40

Instrument :

MSVOA_F

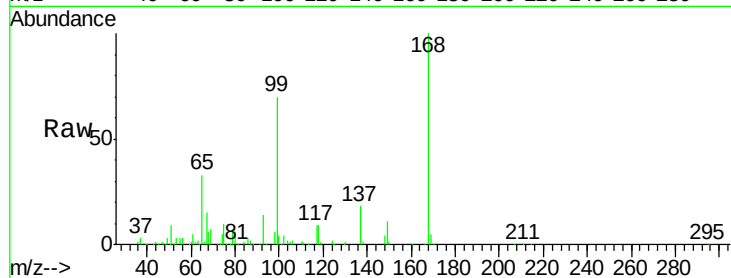
ClientSampleId :

Tot Ion:168 Resp: 210604

Ion Ratio Lower Upper

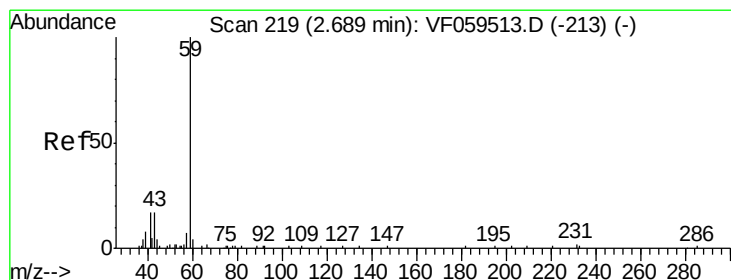
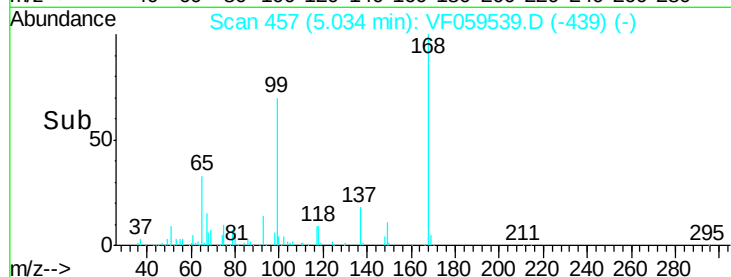
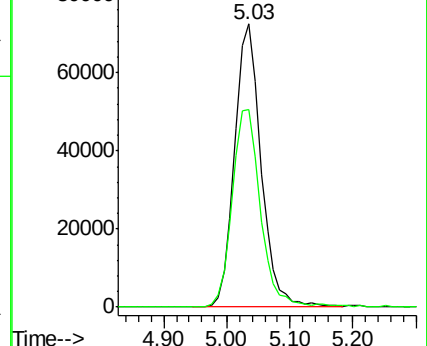
168 100

99 70.0 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. -0.01 min

Lab File: VF059539.D

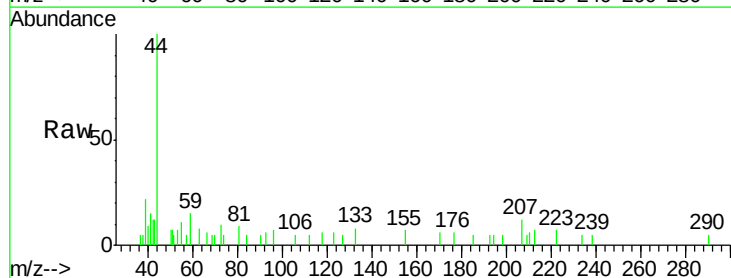
Acq: 19 Jul 2018 3:40

Tgt Ion: 59 Resp: 533

Ion Ratio Lower Upper

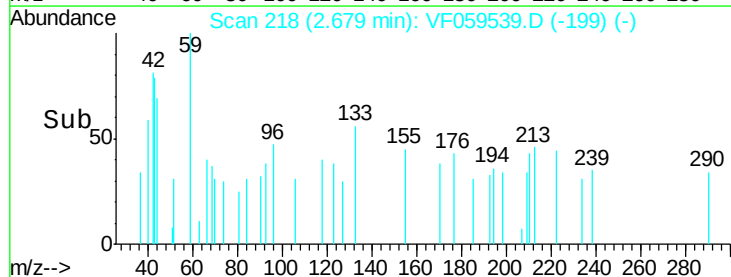
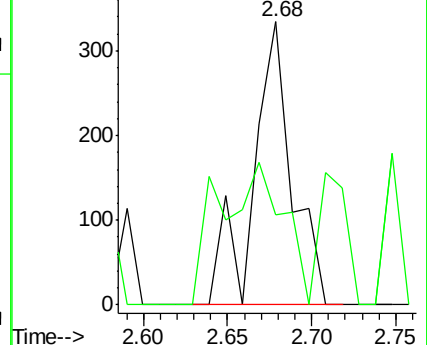
59 100

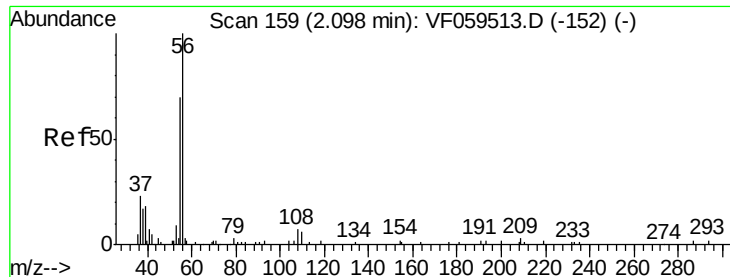
57 31.7 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VF0

Ion 57.00 (56.70 to 57.70): VF0

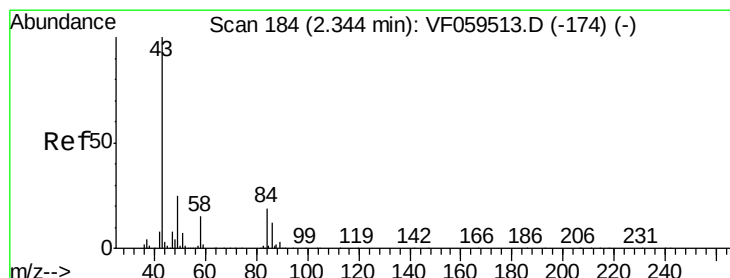
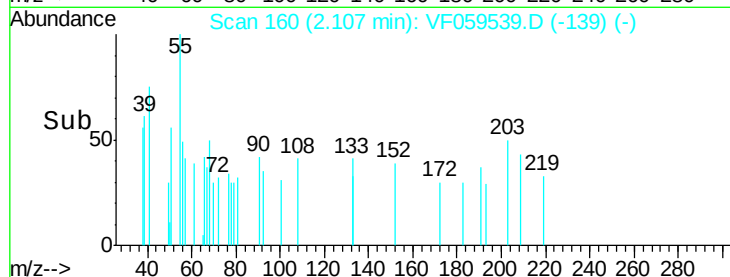
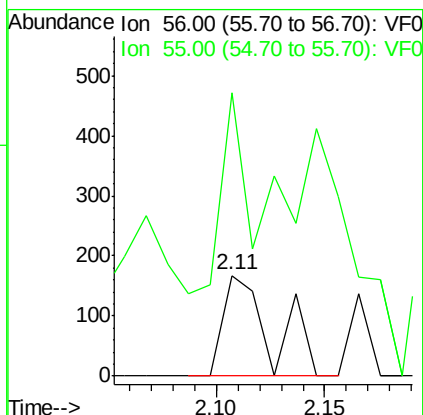
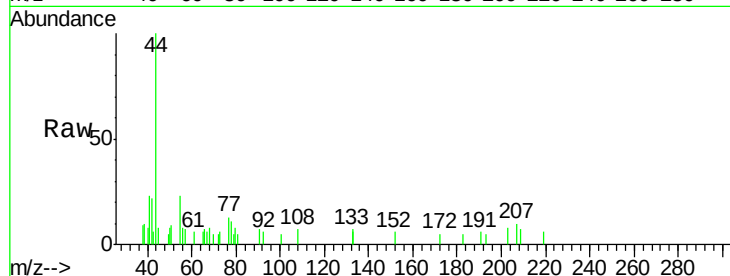




#13
Acrolein
Concen: Below Cal
RT: 2.11 min Scan# 160
Delta R.T. 0.01 min
Lab File: VF059539.D
Acq: 19 Jul 2018 3:40

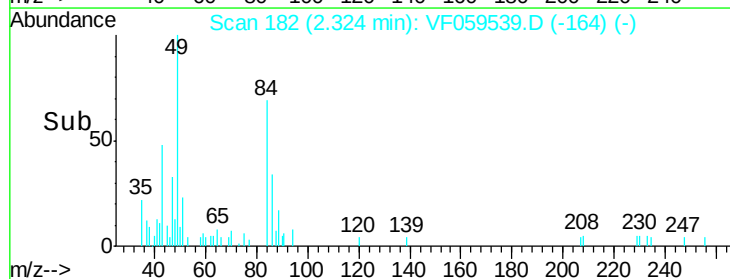
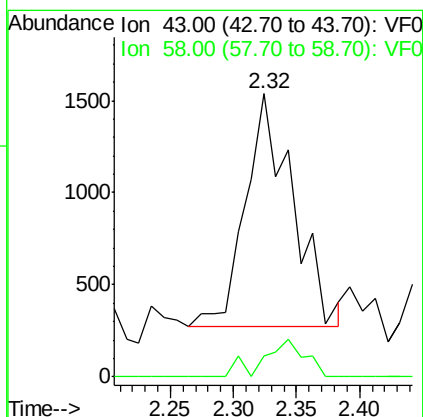
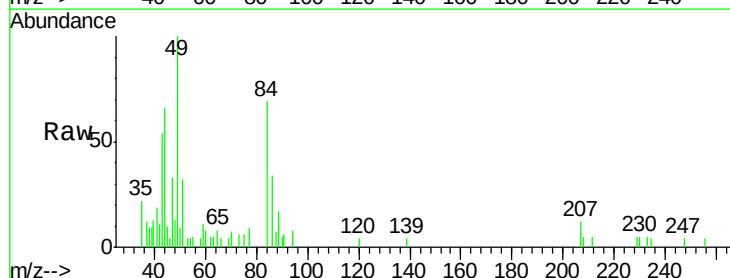
Instrument :
MSVOA_F
ClientSampleId :

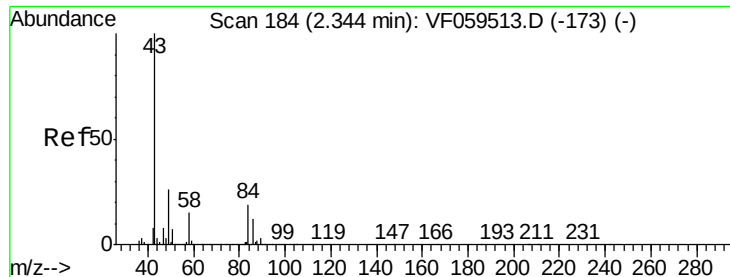
Tot Ion: 56 Resp: 264
Ion Ratio Lower Upper
56 100
55 280.4 59.4 89.2#



#16
Acetone
Concen: Below Cal
RT: 2.32 min Scan# 182
Delta R.T. -0.02 min
Lab File: VF059539.D
Acq: 19 Jul 2018 3:40

Tgt Ion: 43 Resp: 3312
Ion Ratio Lower Upper
43 100
58 7.4 11.8 17.6#

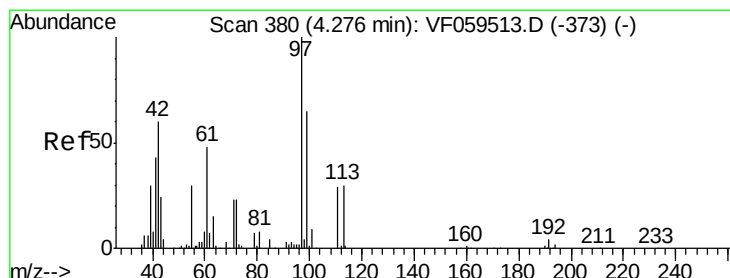
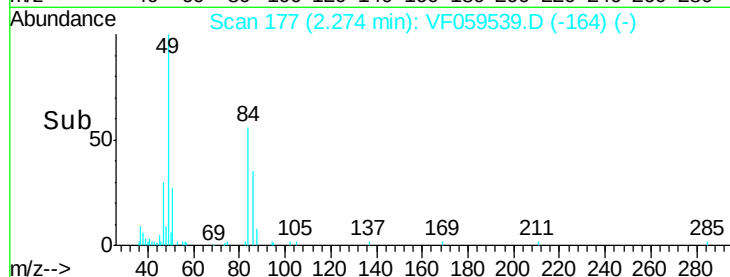
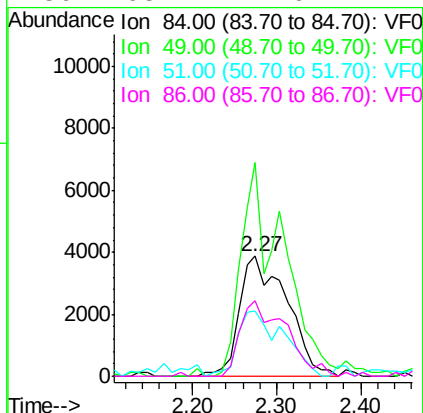
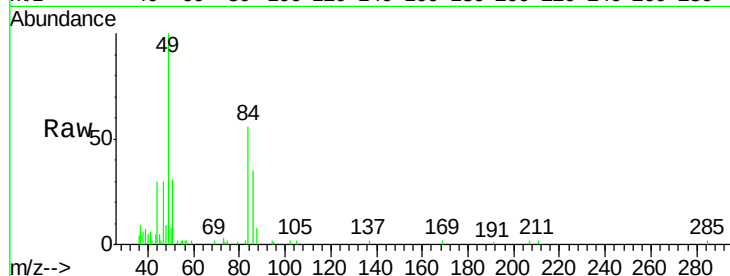




#20
Methylene Chloride
Concen: 6.333 ug/l
RT: 2.27 min Scan# 177
Delta R.T. -0.07 min
Lab File: VF059539.D
Acq: 19 Jul 2018 3:40

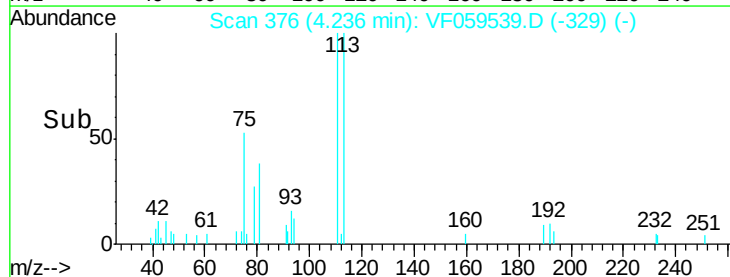
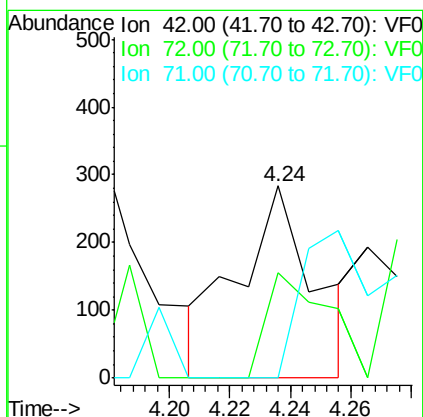
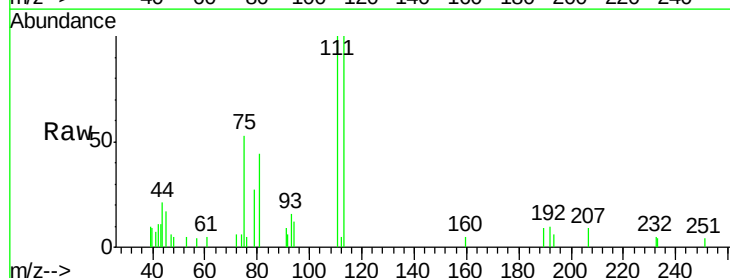
Instrument :
MSVOA_F
ClientSampled :

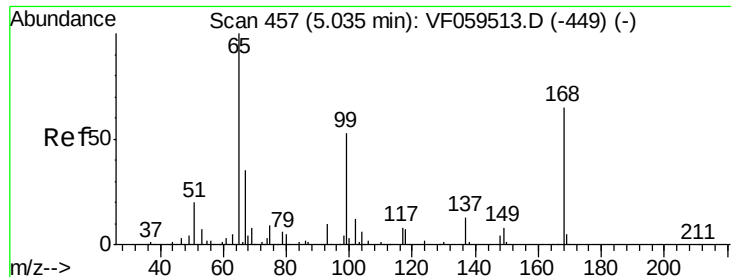
Tot Ion: 84 Resp: 15274
Ion Ratio Lower Upper
84 100
49 178.0 109.4 164.2#
51 54.6 30.5 45.7#
86 63.2 47.6 71.4



#29
Tetrahydrofuran
Concen: Below Cal
RT: 4.24 min Scan# 376
Delta R.T. -0.04 min
Lab File: VF059539.D
Acq: 19 Jul 2018 3:40

Tgt Ion: 42 Resp: 492
Ion Ratio Lower Upper
42 100
72 44.3 28.7 43.1#
71 95.1 30.8 46.2#

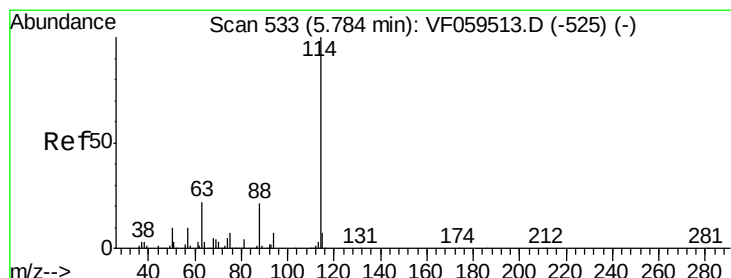
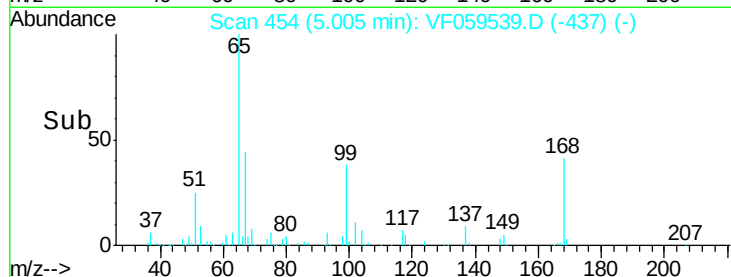
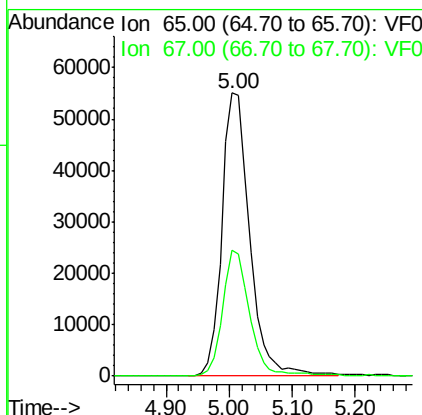
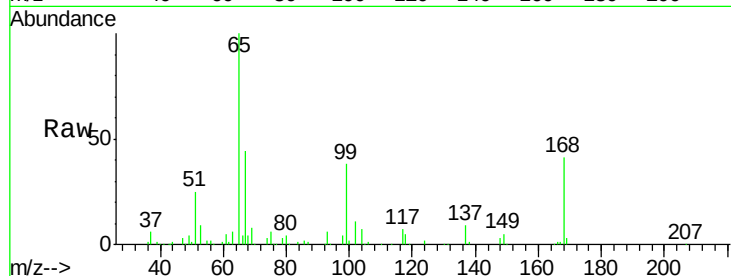




#33
 1,2-Dichloroethane-d4
 Concen: 51.561 ug/l
 RT: 5.00 min Scan# 454
 Delta R.T. -0.03 min
 Lab File: VF059539.D
 Acq: 19 Jul 2018 3:40

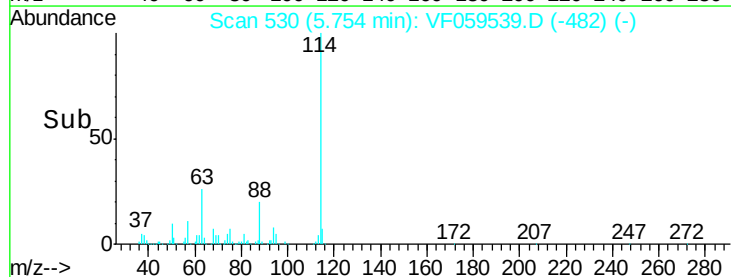
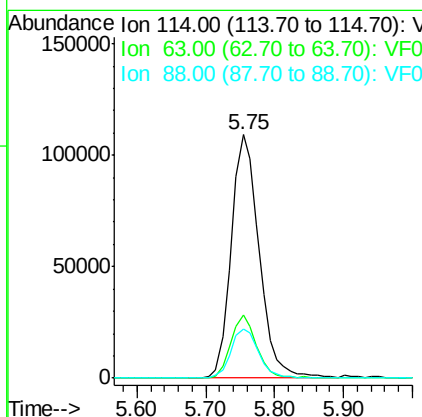
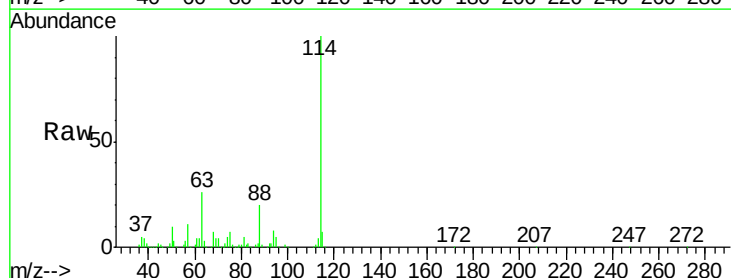
Instrument :
 MSVOA_F
 ClientSampleId :

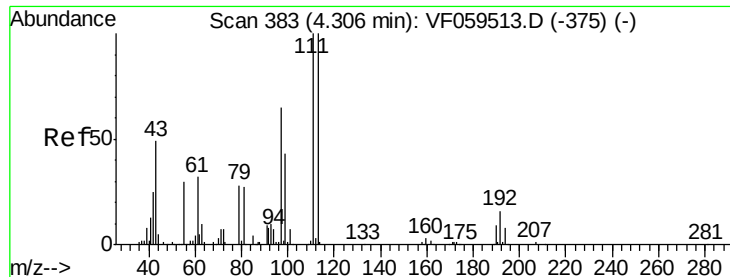
Tot Ion: 65 Resp: 168883
 Ion Ratio Lower Upper
 65 100
 67 44.4 0.0 91.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.75 min Scan# 530
 Delta R.T. -0.03 min
 Lab File: VF059539.D
 Acq: 19 Jul 2018 3:40

Tgt Ion: 114 Resp: 306300
 Ion Ratio Lower Upper
 114 100
 63 26.2 0.0 44.8
 88 20.2 0.0 42.6





#35

Dibromofluoromethane

Concen: 54.172 ug/l

RT: 4.29 min Scan# 381

Delta R.T. -0.02 min

Lab File: VF059539.D

Acq: 19 Jul 2018 3:40

Instrument :
MSVOA_F
ClientSampleId :

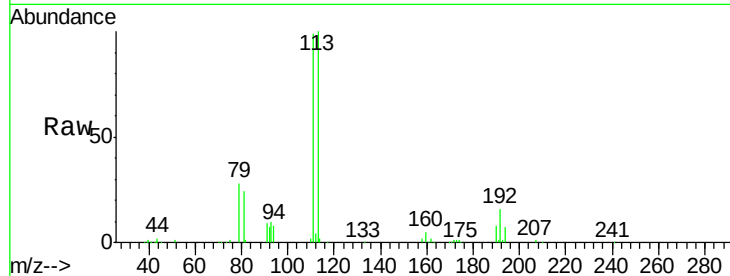
Tot Ion:113 Resp: 143708

Ion Ratio Lower Upper

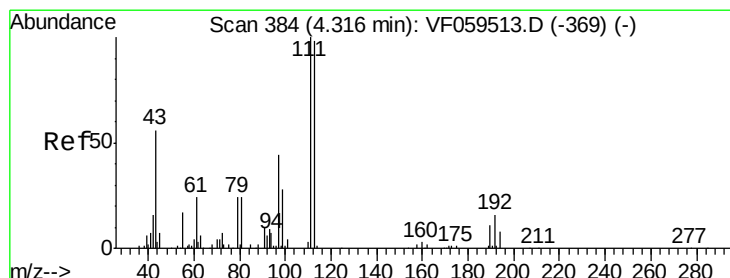
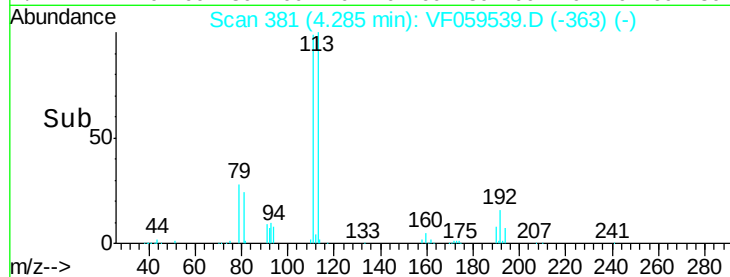
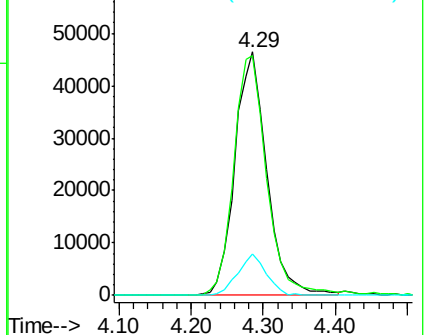
113 100

111 98.7 80.3 120.5

192 16.8 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: 4.30 min Scan# 382

Delta R.T. -0.02 min

Lab File: VF059539.D

Acq: 19 Jul 2018 3:40

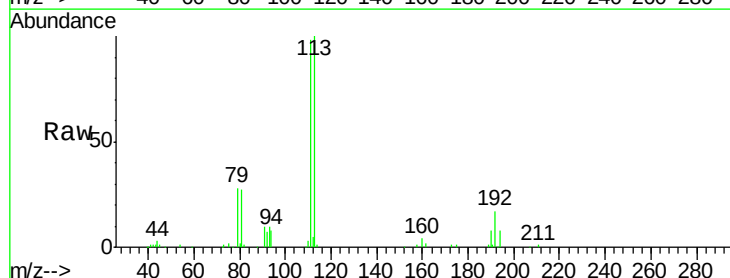
Tgt Ion: 43 Resp: 503

Ion Ratio Lower Upper

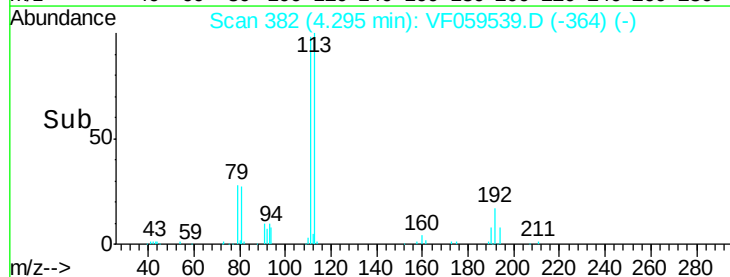
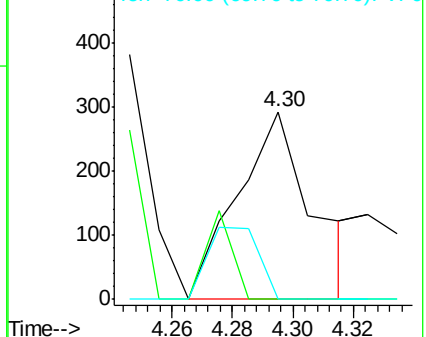
43 100

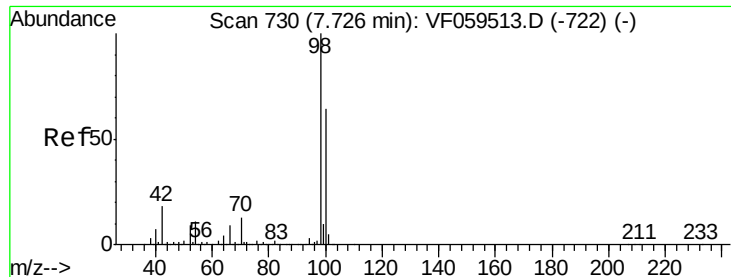
61 0.0 33.7 50.5#

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

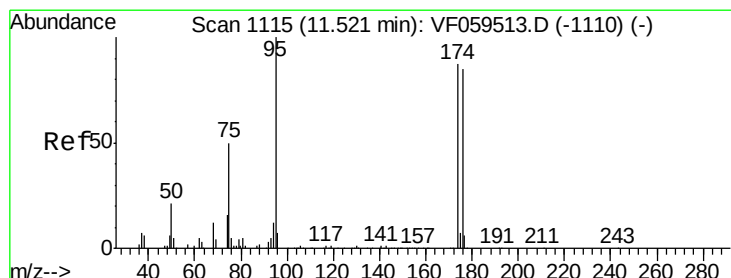
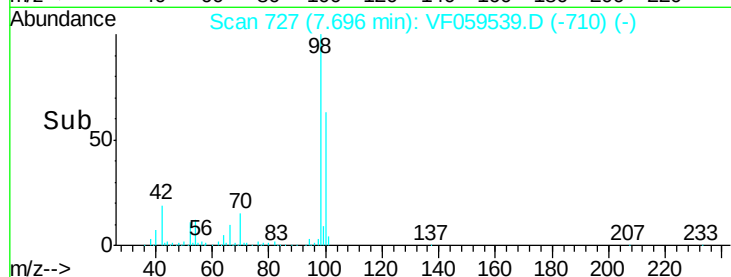
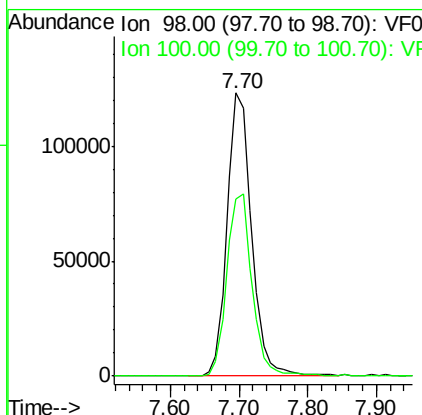
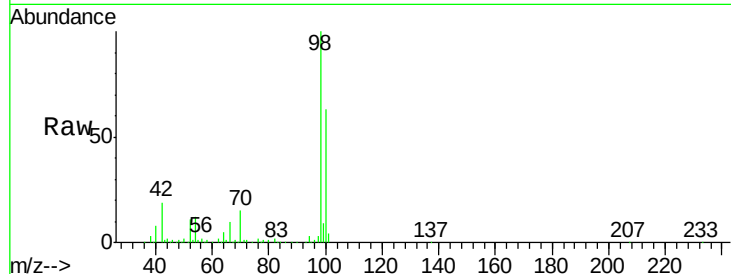




#50
Toluene-d8
Concen: 45.401 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.03 min
Lab File: VF059539.D
Acq: 19 Jul 2018 3:40

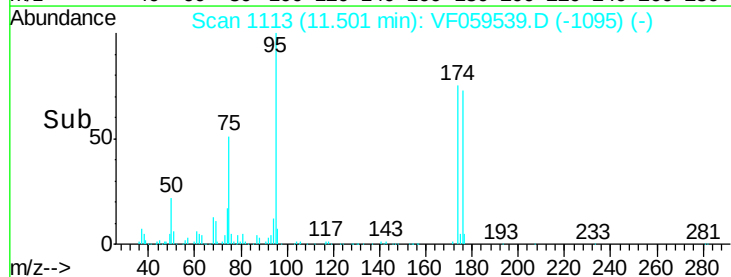
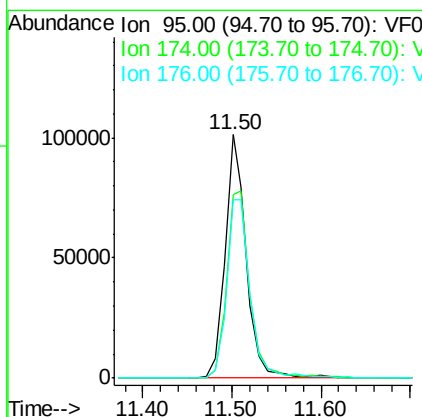
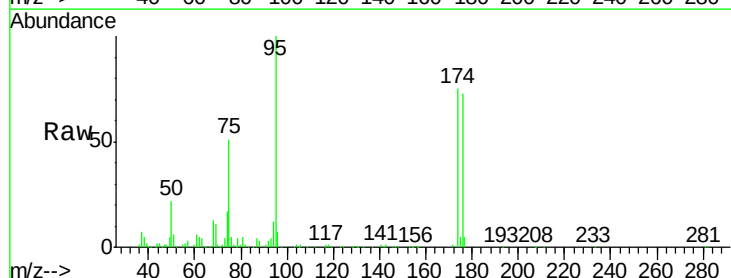
Instrument :
MSVOA_F
ClientSampleId :

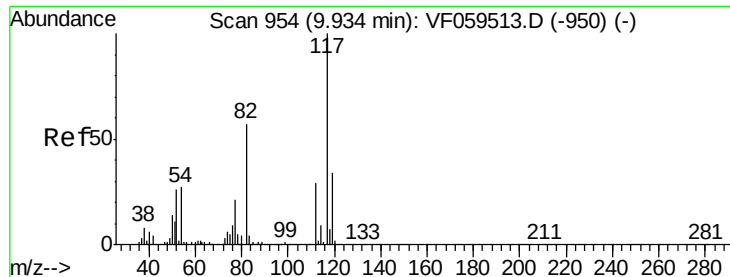
Tot Ion: 98 Resp: 303378
Ion Ratio Lower Upper
98 100
100 62.6 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 48.392 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.02 min
Lab File: VF059539.D
Acq: 19 Jul 2018 3:40

Tgt Ion: 95 Resp: 169638
Ion Ratio Lower Upper
95 100
174 75.2 0.0 174.4
176 73.3 0.0 169.4

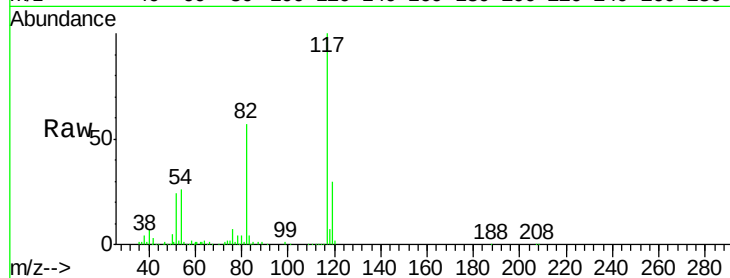




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 952
Delta R.T. -0.02 min
Lab File: VF059539.D
Acq: 19 Jul 2018 3:40

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.7	46.1	69.1
119	30.5	27.2	40.8

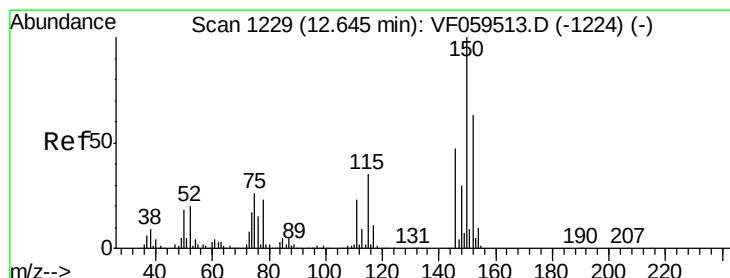
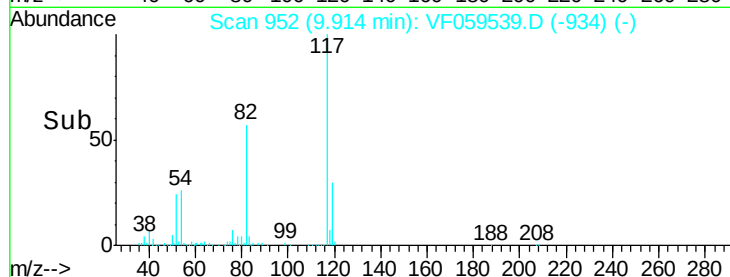
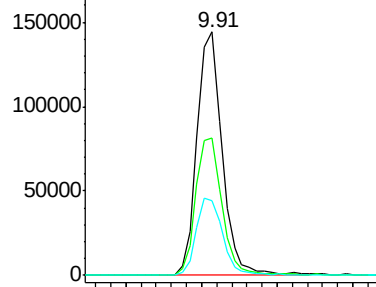


Abundance

Ion 117.00 (116.70 to 117.70): V

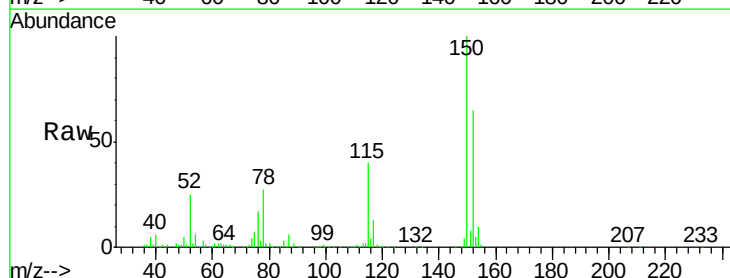
Ion 82.00 (81.70 to 82.70): V

Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1227
Delta R.T. -0.02 min
Lab File: VF059539.D
Acq: 19 Jul 2018 3:40

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.0	27.8	83.3
150	154.3	0.0	318.4



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

