

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070819\
 Data File : VN056610.D
 Acq On : 8 Jul 2019 15:31
 Operator : JC/SP
 Sample : K3668-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SHORT-WALL-AREA

Quant Time: Jul 09 04:16:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

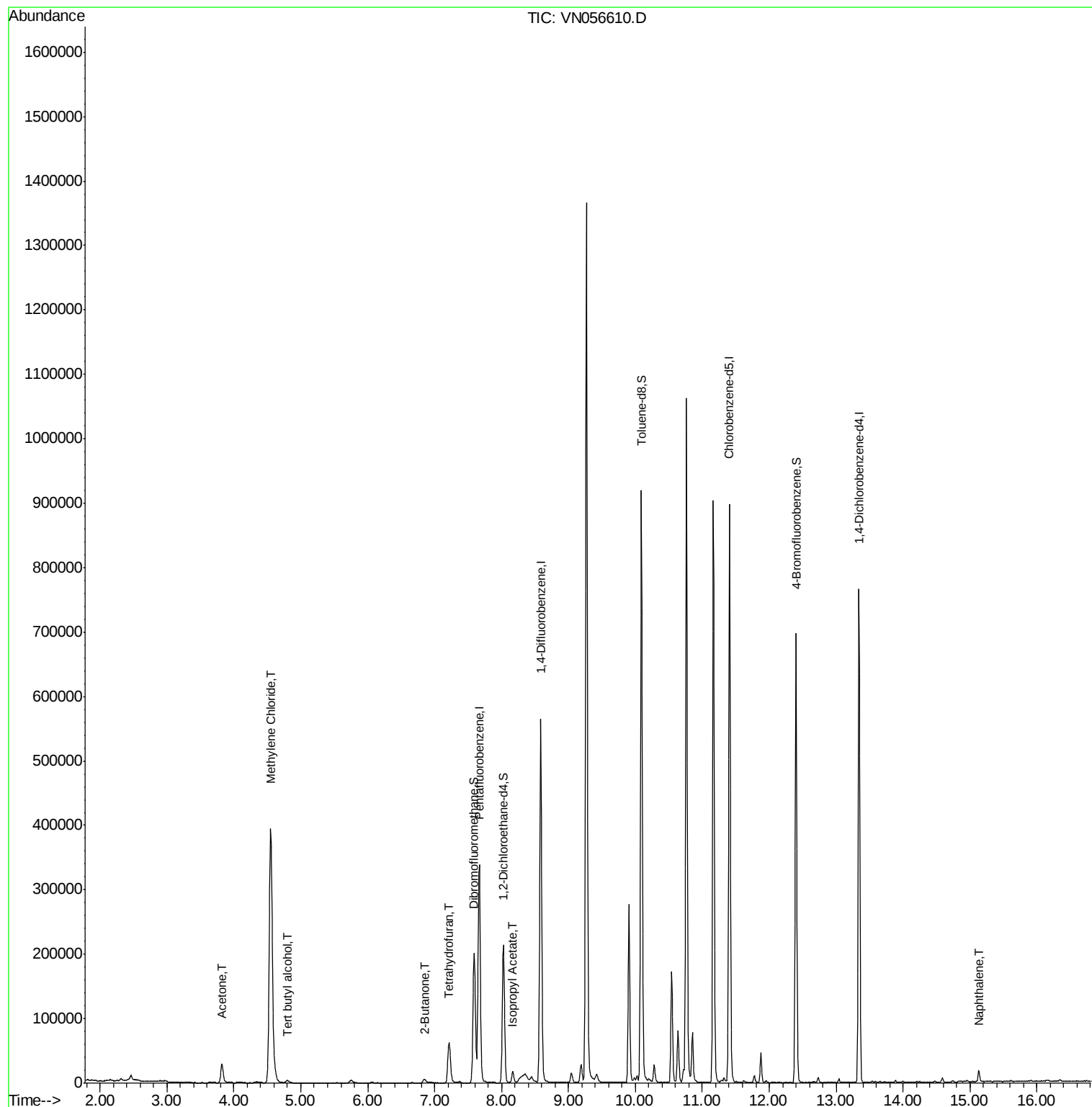
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	300863	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	527713	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	552266	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	224183	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	176758	53.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.02%	
35) Dibromofluoromethane	7.59	113	158774	48.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.46%	
50) Toluene-d8	10.09	98	667057	52.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.14%	
62) 4-Bromofluorobenzene	12.40	95	247436	57.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.88%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.80	59	6683	11.900	ug/l #	90
16) Acetone	3.82	43	50297	30.107	ug/l	98
20) Methylene Chloride	4.55	84	329026	105.461	ug/l	99
25) 2-Butanone	6.84	43	12958	5.860	ug/l	96
29) Tetrahydrofuran	7.21	42	58098	42.997	ug/l	98
43) Isopropyl Acetate	8.17	43	21071	2.994	ug/l #	90
95) Naphthalene	15.13	128	16768	6.708	ug/l	98

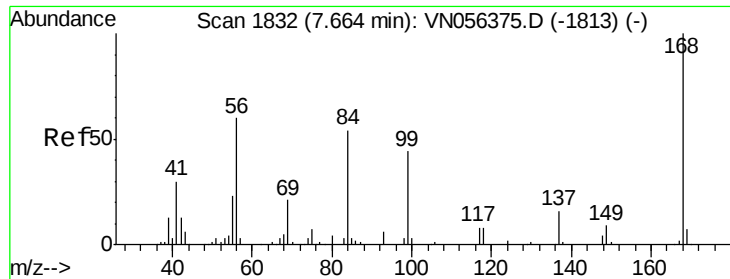
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056610.D

Acq: 8 Jul 2019 15:31

Instrument :

MSVOA_N

ClientSampleId :

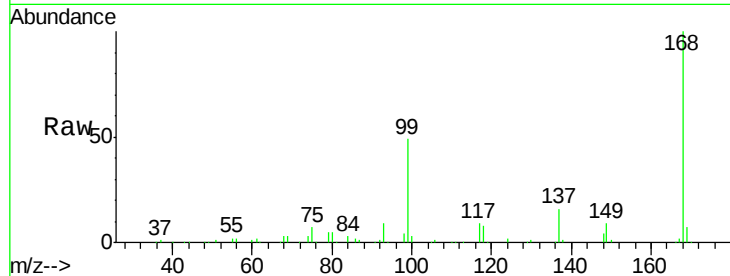
SHORT-WALL-AREA

Tot Ion:168 Resp: 300863

Ion Ratio Lower Upper

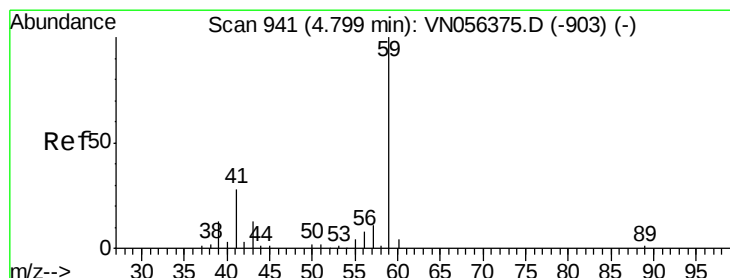
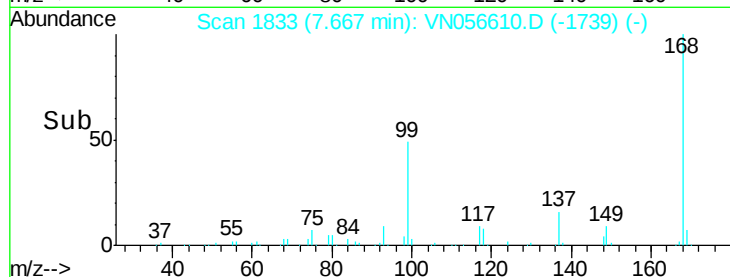
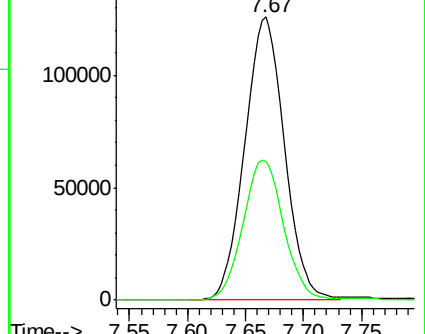
168 100

99 49.2 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#11

Tert butyl alcohol

Concen: 11.900 ug/l

RT: 4.80 min Scan# 942

Delta R.T. 0.00 min

Lab File: VN056610.D

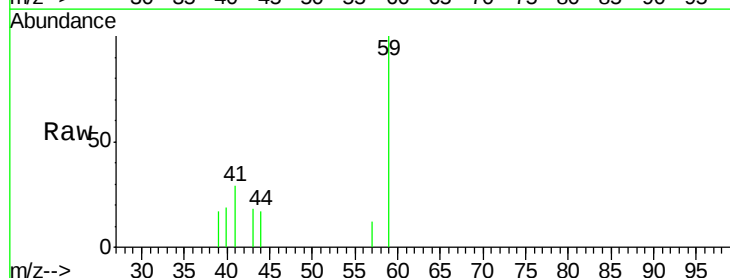
Acq: 8 Jul 2019 15:31

Tgt Ion: 59 Resp: 6683

Ion Ratio Lower Upper

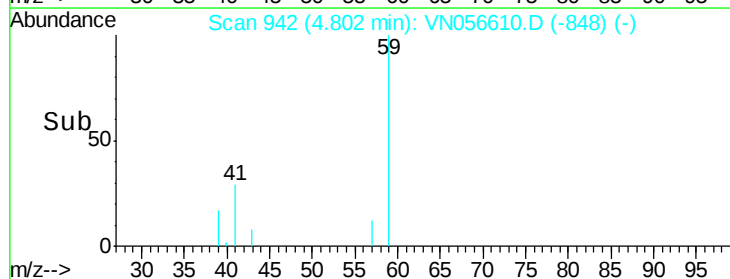
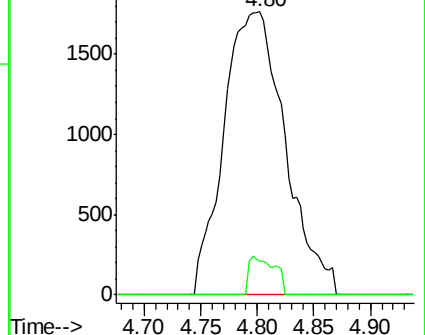
59 100

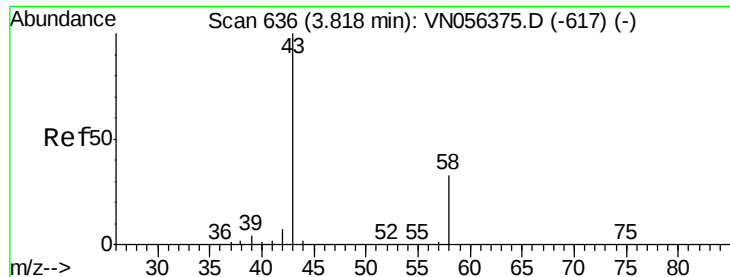
57 5.7 7.6 11.4#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO





#16

Acetone

Concen: 30.107 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN056610.D

Acq: 8 Jul 2019 15:31

Instrument :

MSVOA_N

ClientSampleId :

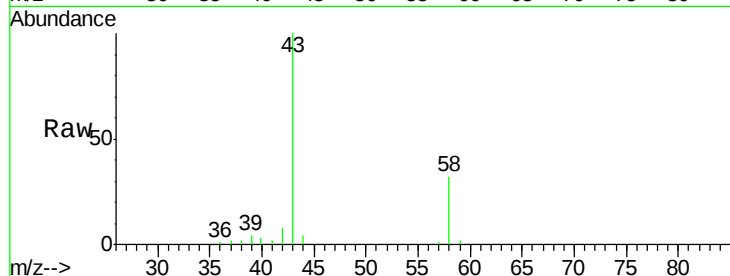
SHORT-WALL-AREA

Tot Ion: 43 Resp: 50297

Ion Ratio Lower Upper

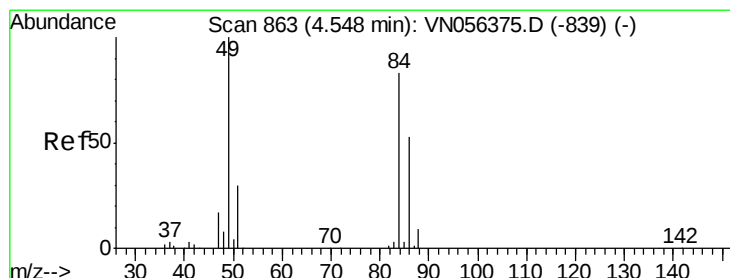
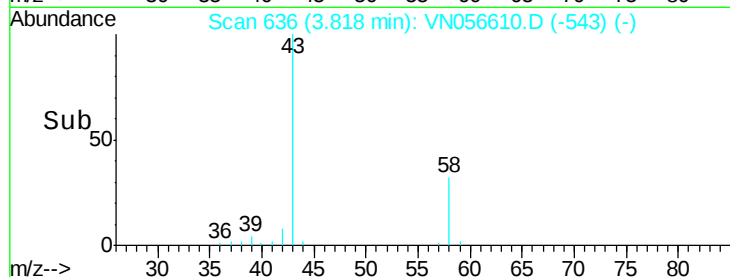
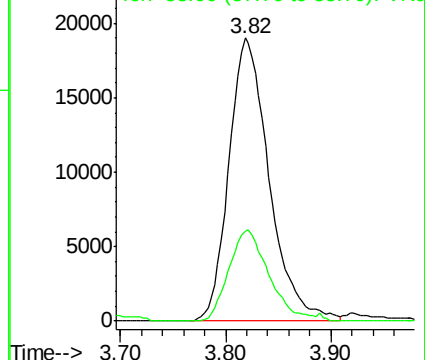
43 100

58 31.9 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO



#20

Methylene Chloride

Concen: 105.461 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.00 min

Lab File: VN056610.D

Acq: 8 Jul 2019 15:31

Tgt Ion: 84 Resp: 329026

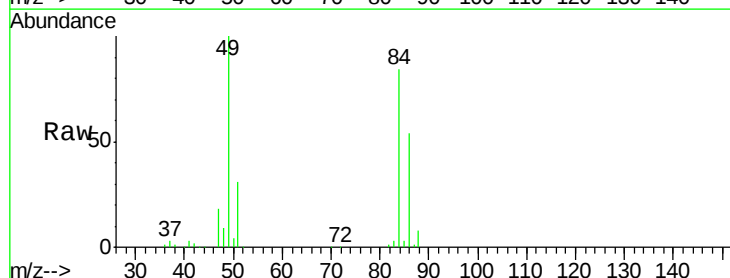
Ion Ratio Lower Upper

84 100

49 119.1 96.4 144.6

51 37.5 28.6 43.0

86 64.2 51.4 77.2

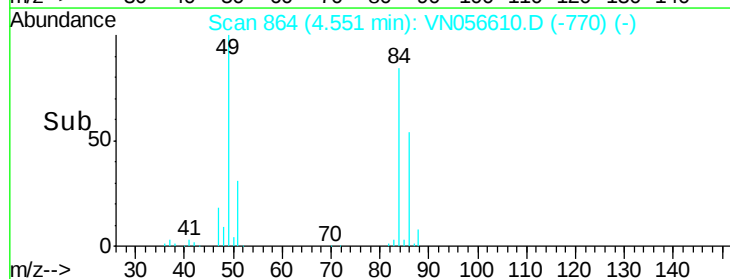
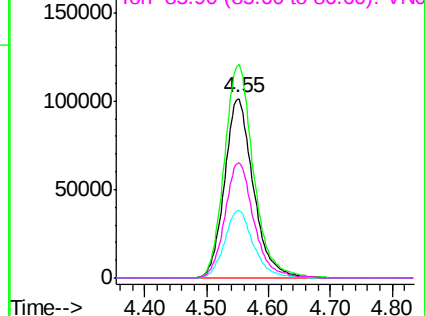


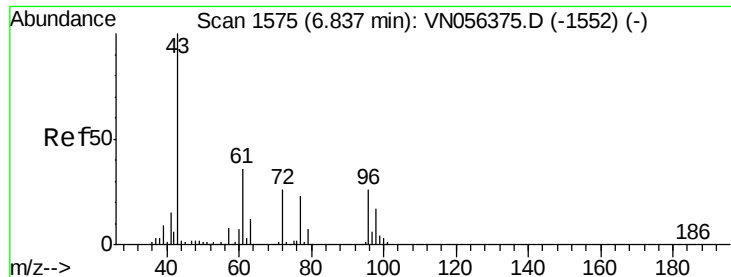
Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

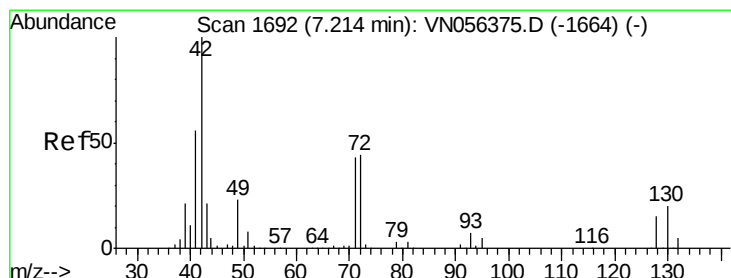
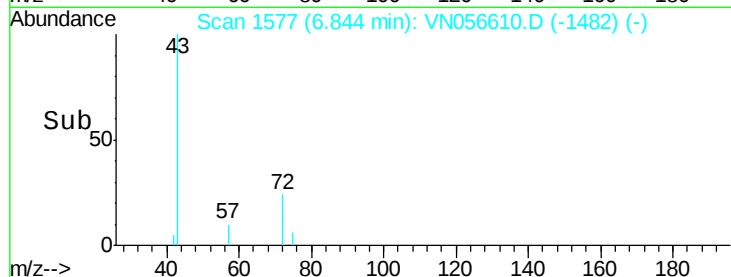
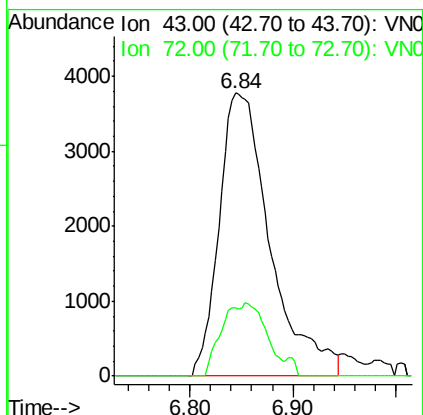
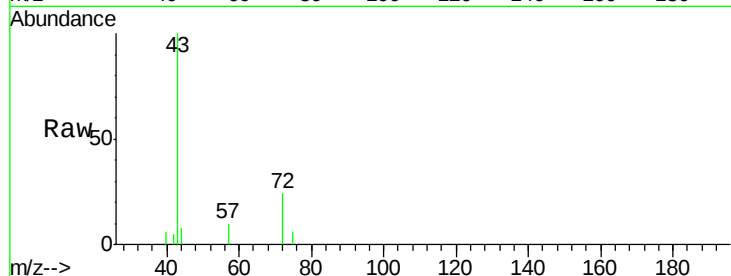




#25
2-Butanone
Concen: 5.860 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VN056610.D
Acq: 8 Jul 2019 15:31

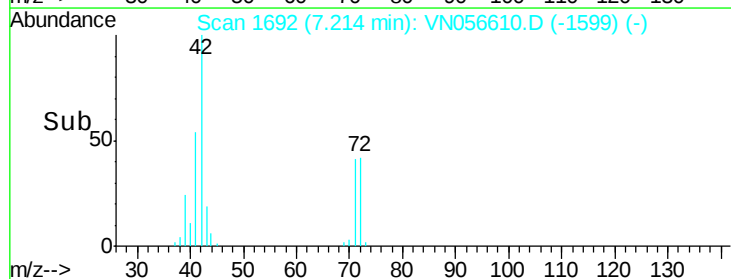
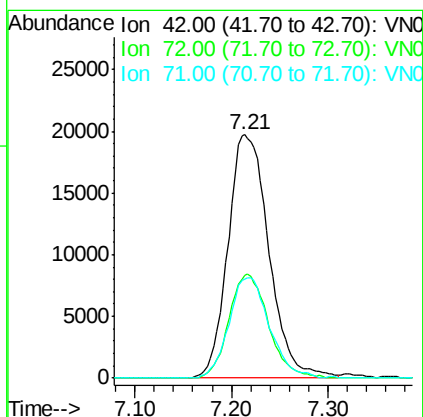
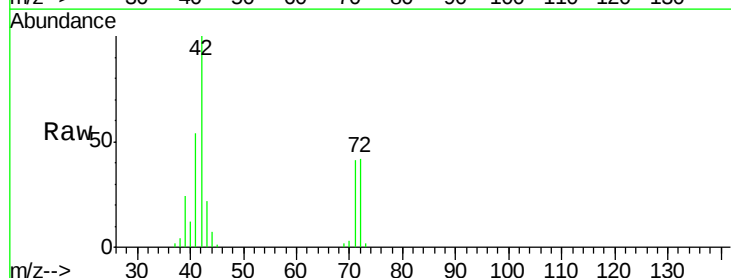
Instrument :
MSVOA_N
ClientSampleId :
SHORT-WALL-AREA

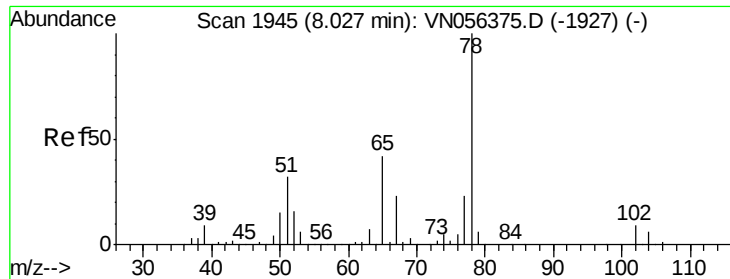
Tot Ion: 43 Resp: 12958
Ion Ratio Lower Upper
43 100
72 24.0 20.6 31.0



#29
Tetrahydrofuran
Concen: 42.997 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN056610.D
Acq: 8 Jul 2019 15:31

Tgt Ion: 42 Resp: 58098
Ion Ratio Lower Upper
42 100
72 41.1 34.7 52.1
71 40.7 33.0 49.6

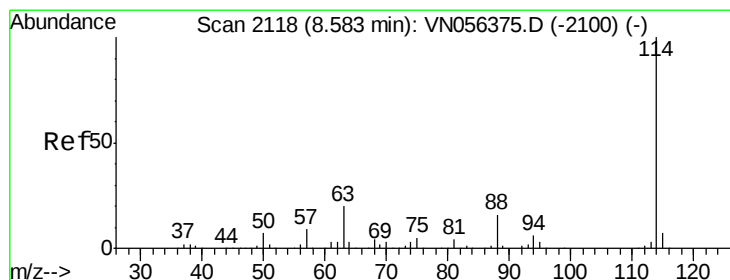
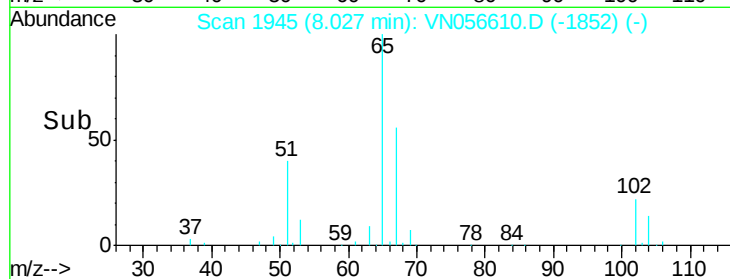
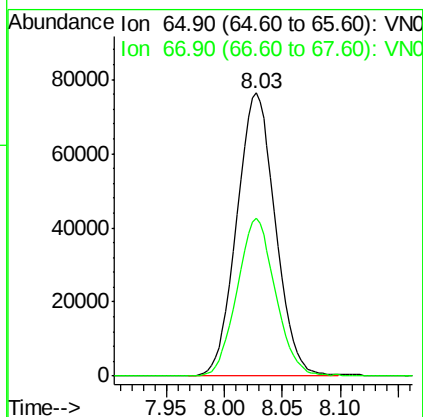
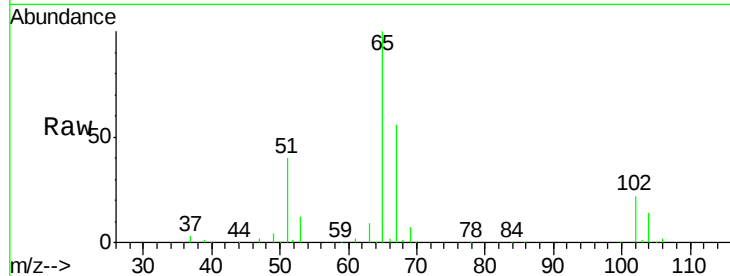




#33
 1,2-Dichloroethane-d4
 Concen: 53.009 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056610.D
 Acq: 8 Jul 2019 15:31

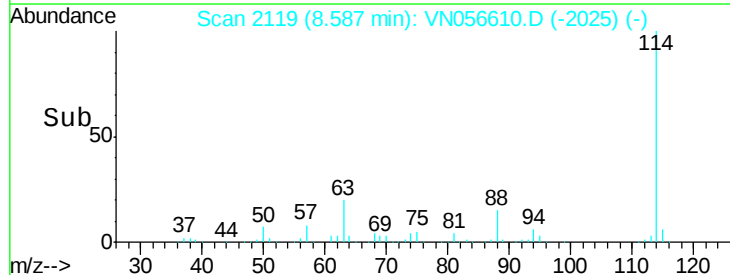
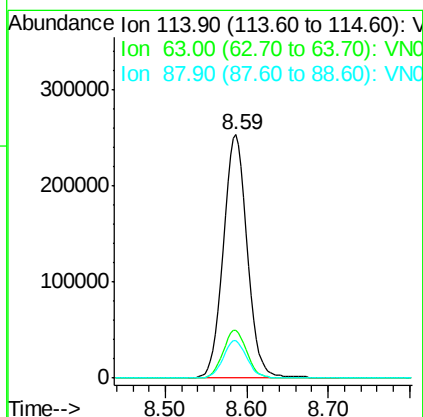
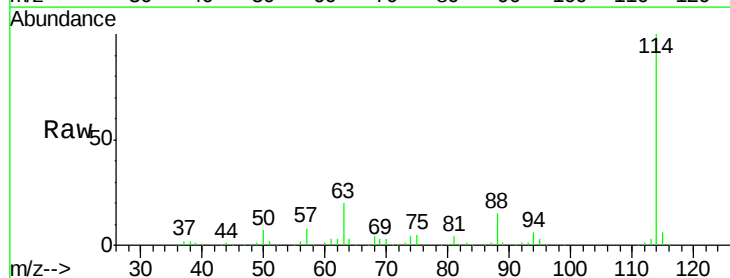
Instrument :
 MSVOA_N
 ClientSampleId :
 SHORT-WALL-AREA

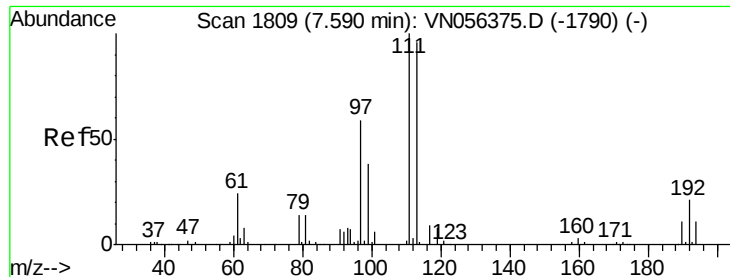
Tot Ion: 65 Resp: 176758
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056610.D
 Acq: 8 Jul 2019 15:31

Tgt Ion: 114 Resp: 527713
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.2
 88 15.5 0.0 31.4

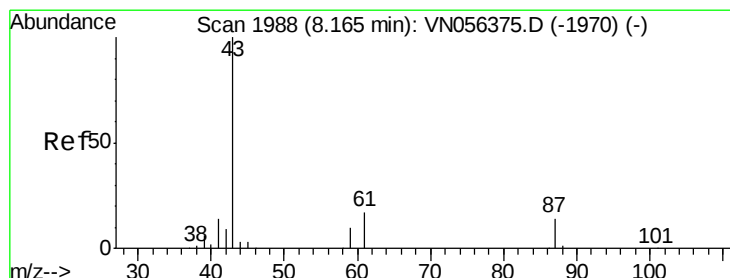
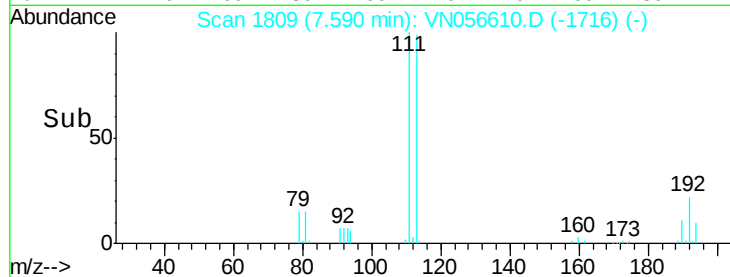
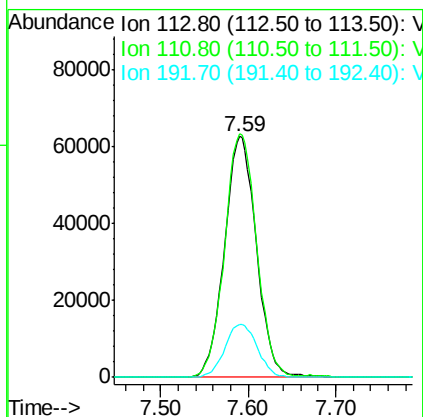
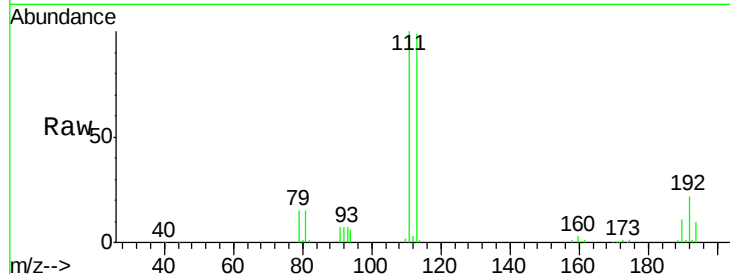




#35
 Dibromofluoromethane
 Concen: 48.229 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056610.D
 Acq: 8 Jul 2019 15:31

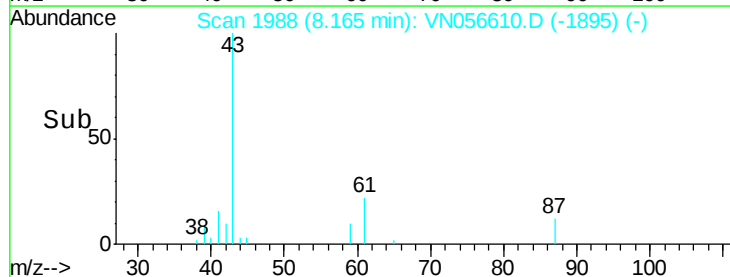
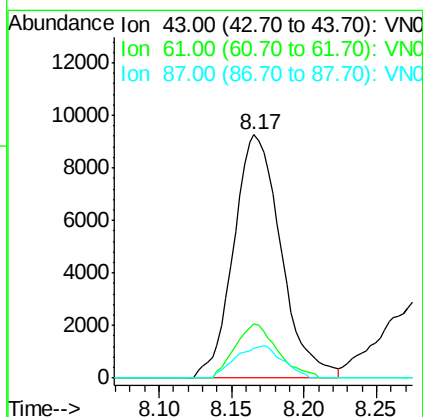
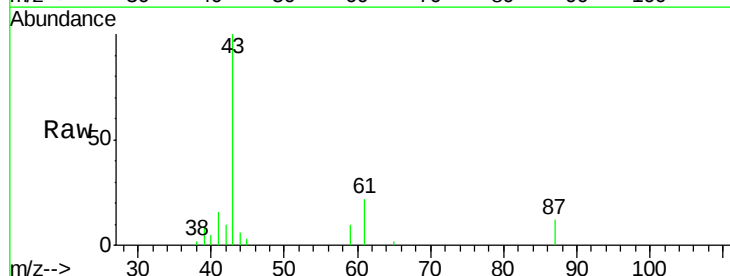
Instrument :
 MSVOA_N
 ClientSampleId :
 SHORT-WALL-AREA

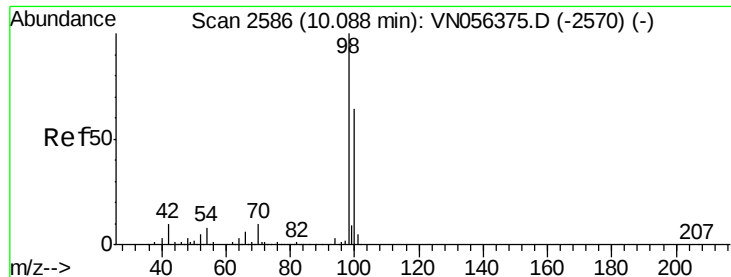
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.1	82.9	124.3
192	22.4	17.7	26.5



#43
 Isopropyl Acetate
 Concen: 2.994 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN056610.D
 Acq: 8 Jul 2019 15:31

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.7	22.0	33.0#
87	13.1	11.0	16.4





#50

Toluene-d8

Concen: 52.075 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056610.D

Acq: 8 Jul 2019 15:31

Instrument :

MSVOA_N

ClientSampleId :

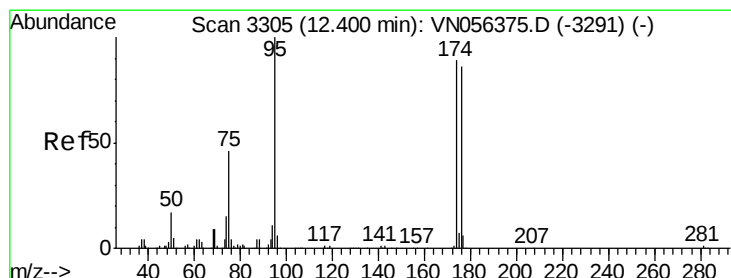
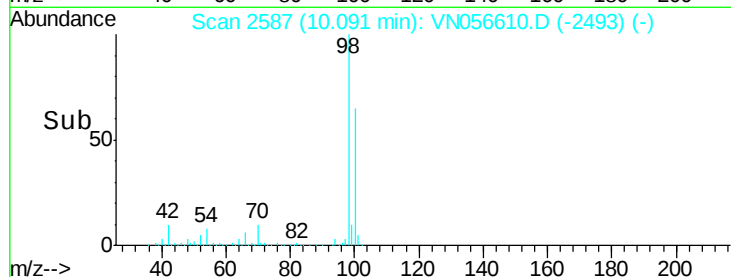
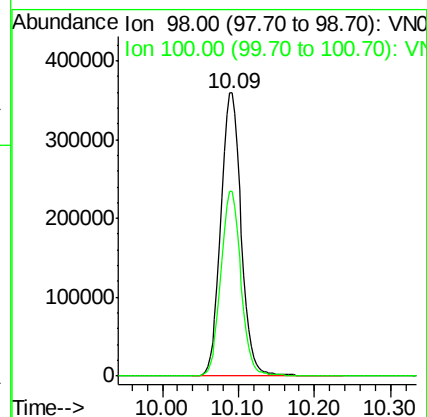
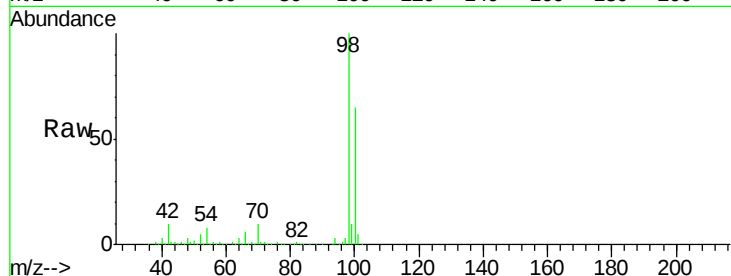
SHORT-WALL-AREA

Tot Ion: 98 Resp: 667057

Ion Ratio Lower Upper

98 100

100 64.3 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 57.945 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056610.D

Acq: 8 Jul 2019 15:31

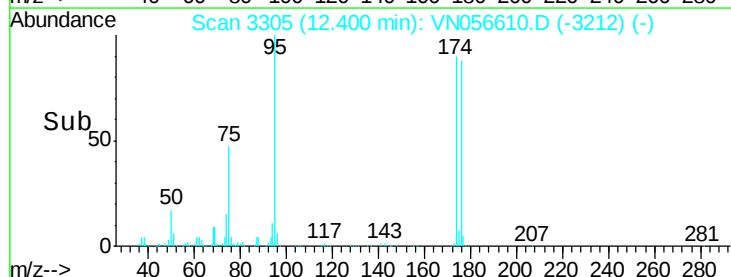
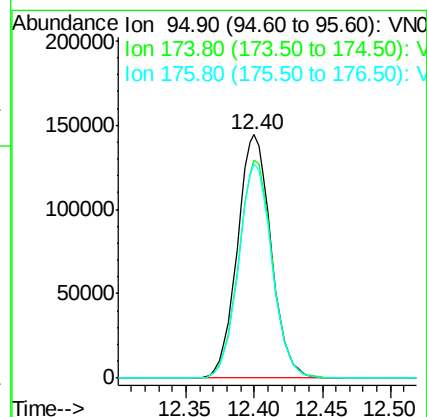
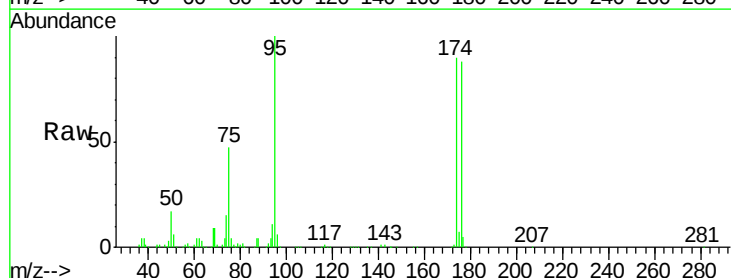
Tgt Ion: 95 Resp: 247436

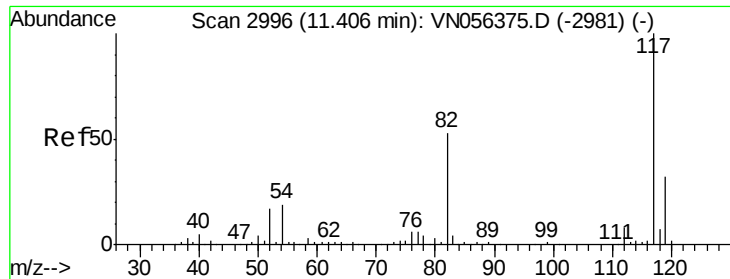
Ion Ratio Lower Upper

95 100

174 89.4 0.0 179.4

176 86.9 0.0 173.4

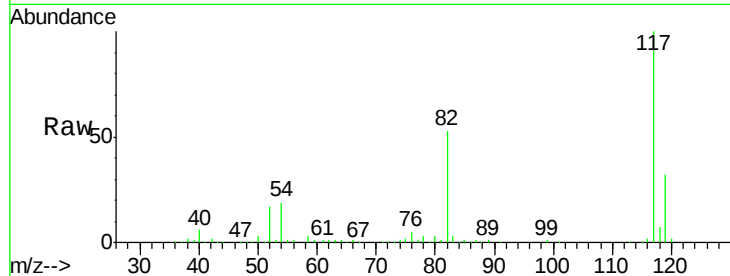




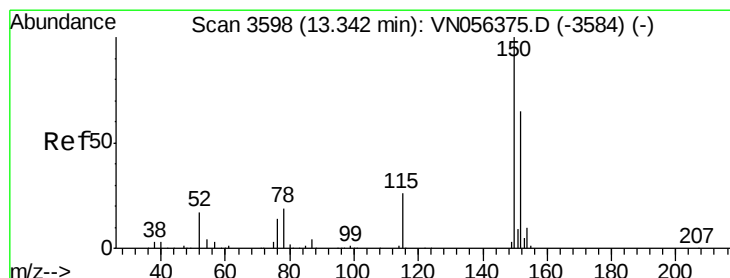
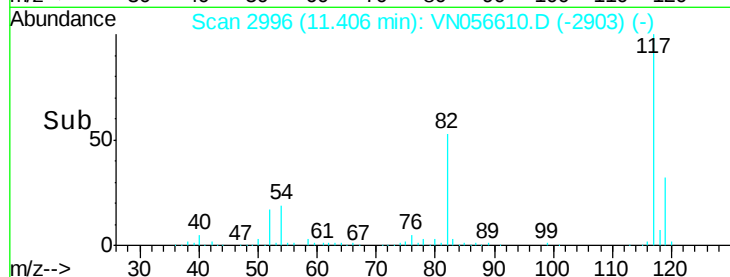
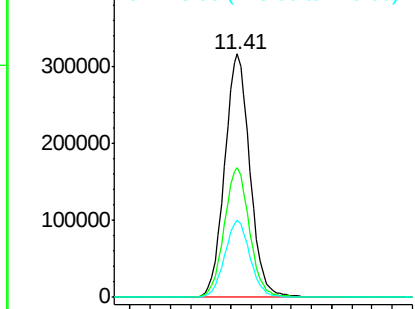
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056610.D
Acq: 8 Jul 2019 15:31

Instrument :
MSVOA_N
ClientSampleId :
SHORT-WALL-AREA

Tot Ion:117 Resp: 552266
Ion Ratio Lower Upper
117 100
82 53.2 42.0 63.0
119 31.7 25.3 37.9

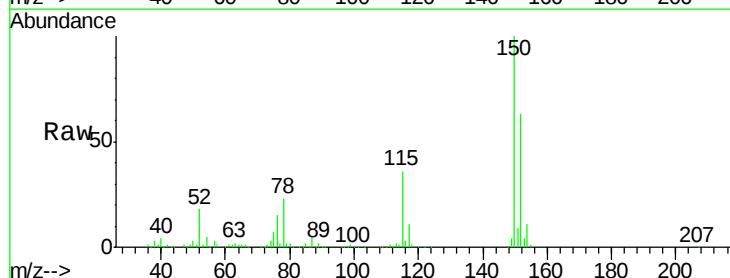


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

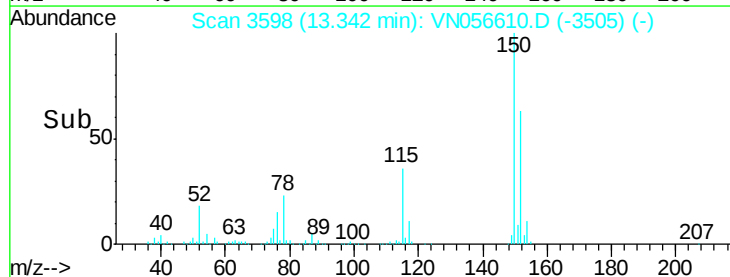
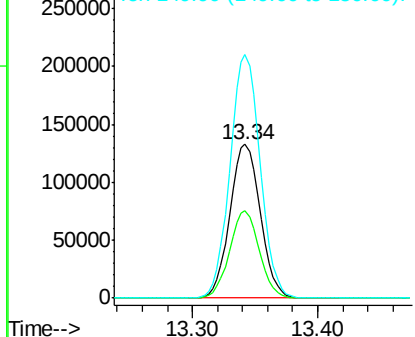


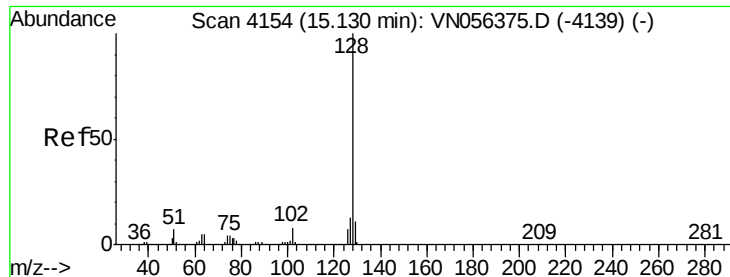
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056610.D
Acq: 8 Jul 2019 15:31

Tgt Ion:152 Resp: 224183
Ion Ratio Lower Upper
152 100
115 55.3 28.1 84.4
150 156.6 0.0 348.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 6.708 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056610.D

Acq: 8 Jul 2019 15:31

Instrument :

MSVOA_N

ClientSampleId :

SHORT-WALL-AREA

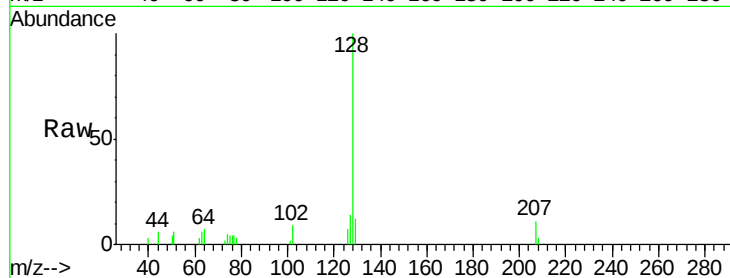
Tot Ion:128 Resp: 16768

Ion Ratio Lower Upper

128 100

127 12.2 10.2 15.2

129 11.7 8.6 12.8



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

