

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072319\
 Data File : VN056877.D
 Acq On : 23 Jul 2019 14:36
 Operator : JC/SP
 Sample : K3928-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ROLL-OFF-COMP

Quant Time: Jul 24 01:54:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 23 01:46:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	248597	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	467095	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	527670	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	185683	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	150201	56.64	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	113.28%	
35) Dibromofluoromethane	7.59	113	140335	47.40	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.80%	
50) Toluene-d8	10.09	98	599503	52.93	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.86%	
62) 4-Bromofluorobenzene	12.40	95	225273	60.77	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	121.54%	

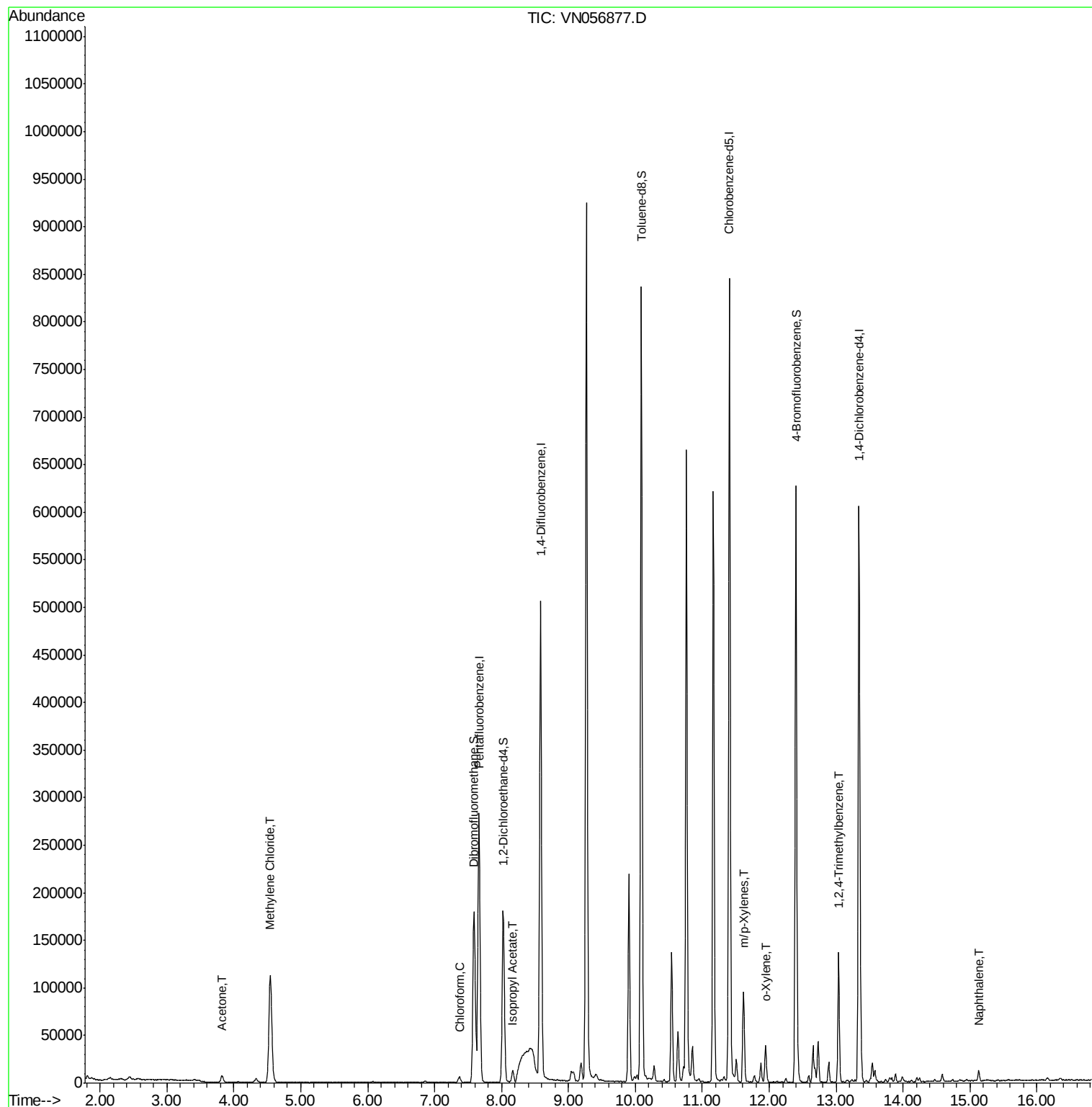
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	12292	12.873	ug/l	96
20) Methylene Chloride	4.55	84	88833	31.112	ug/l	98
30) Chloroform	7.37	83	6990	1.501	ug/l	95
43) Isopropyl Acetate	8.17	43	15193	2.544	ug/l	95
68) m/p-Xylenes	11.62	106	31715	4.475	ug/l	99
69) o-Xylene	11.95	106	10703	1.547	ug/l	94
84) 1,2,4-Trimethylbenzene	13.04	105	78718	6.119	ug/l	99
95) Naphthalene	15.13	128	10600	4.714	ug/l	97

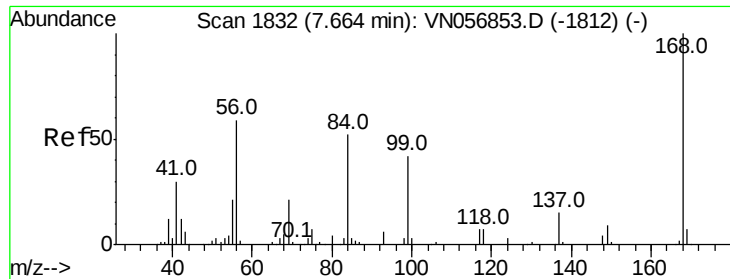
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 23 01:46:34 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056877.D

Acq: 23 Jul 2019 14:36

Instrument :

MSVOA_N

ClientSampleId :

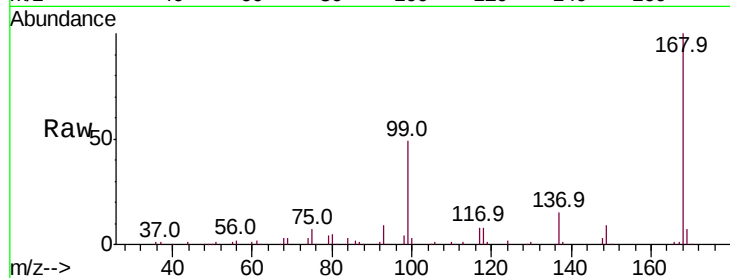
ROLL-OFF-COMP

Tot Ion:168 Resp: 248597

Ion Ratio Lower Upper

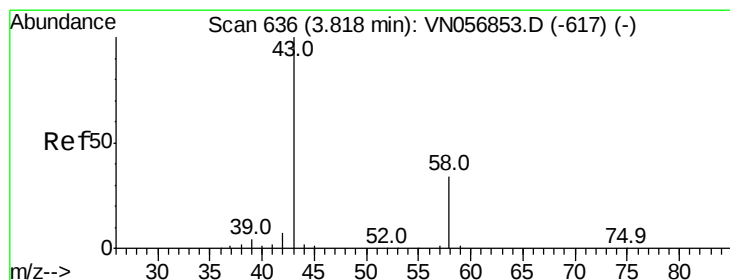
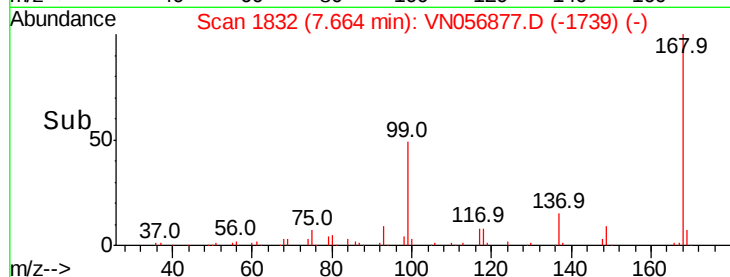
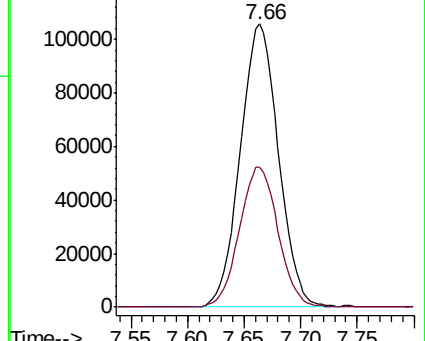
168 100

99 49.4 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 12.873 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056877.D

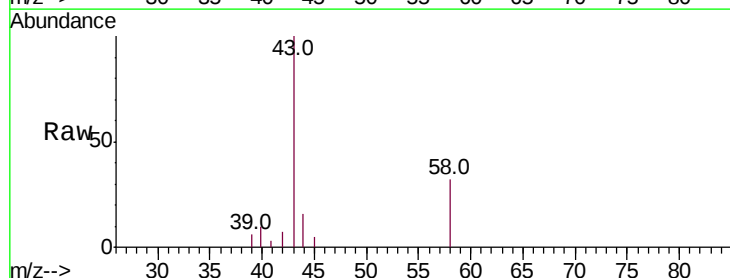
Acq: 23 Jul 2019 14:36

Tgt Ion: 43 Resp: 12292

Ion Ratio Lower Upper

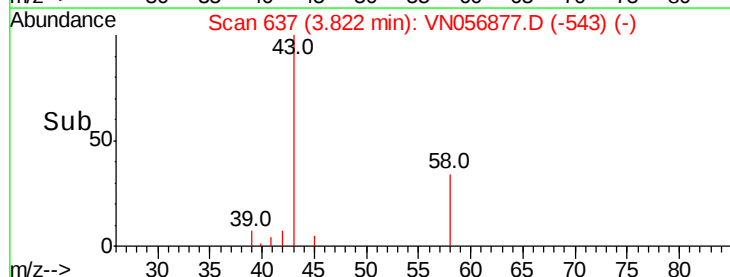
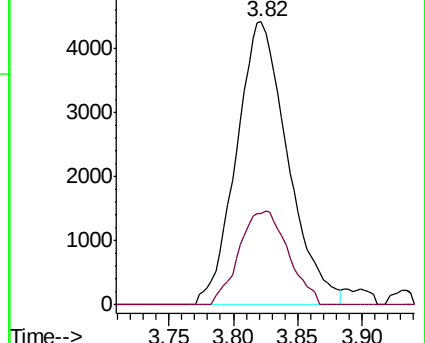
43 100

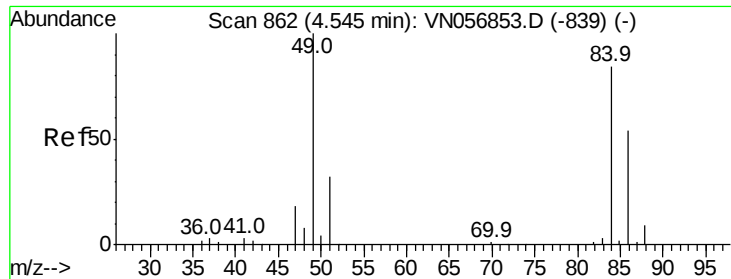
58 32.1 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

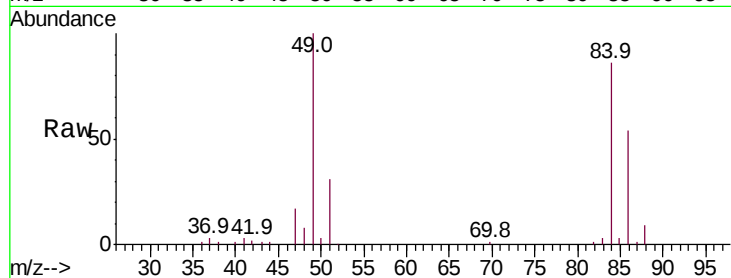




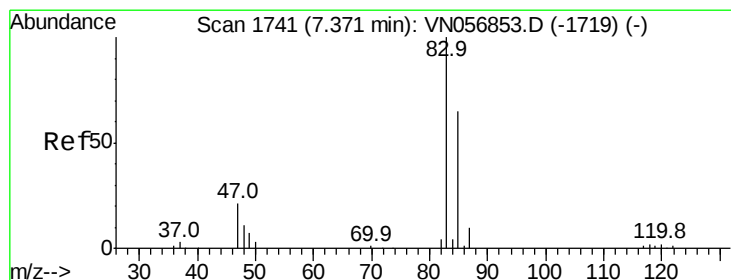
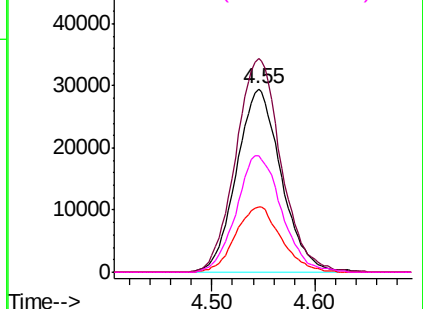
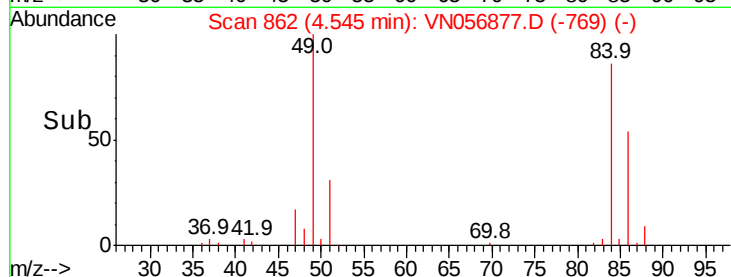
#20
Methvlene Chloride
Concen: 31.112 ug/l
RT: 4.55 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN056877.D
Acq: 23 Jul 2019 14:36

Instrument :
MSVOA_N
ClientSampleId :
ROLL-OFF-COMP

Tot Ion: 84 Resp: 88833
Ion Ratio Lower Upper
84 100
49 116.4 94.9 142.3
51 35.8 29.9 44.9
86 63.2 51.4 77.2

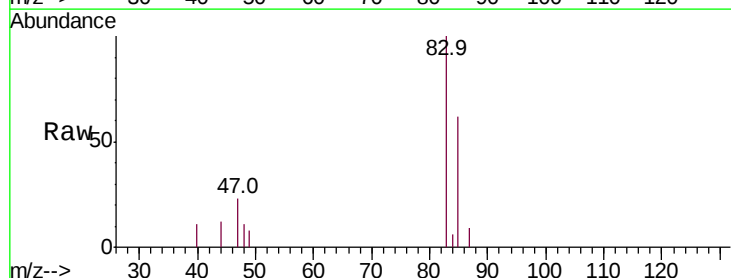


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

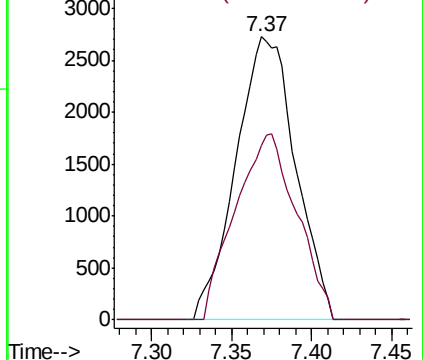
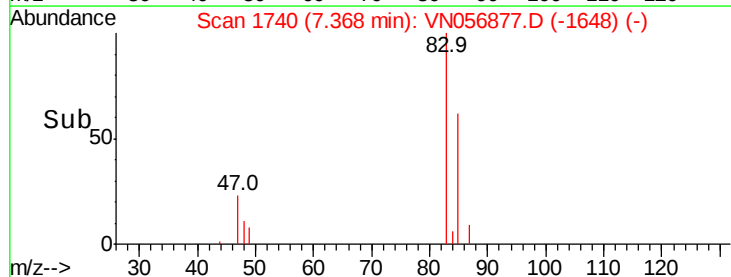


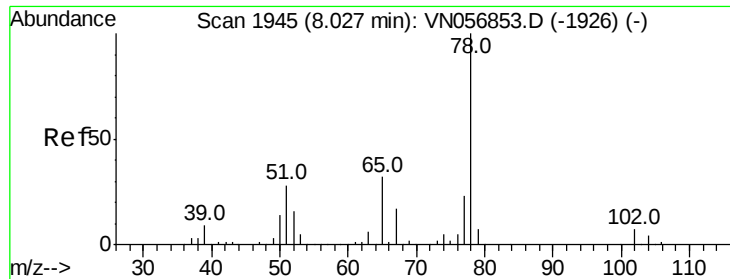
#30
Chloroform
Concen: 1.501 ug/l
RT: 7.37 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VN056877.D
Acq: 23 Jul 2019 14:36

Tgt Ion: 83 Resp: 6990
Ion Ratio Lower Upper
83 100
85 61.5 52.3 78.5



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 56.644 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN056877.D

Acq: 23 Jul 2019 14:36

Instrument :

MSVOA_N

ClientSampleId :

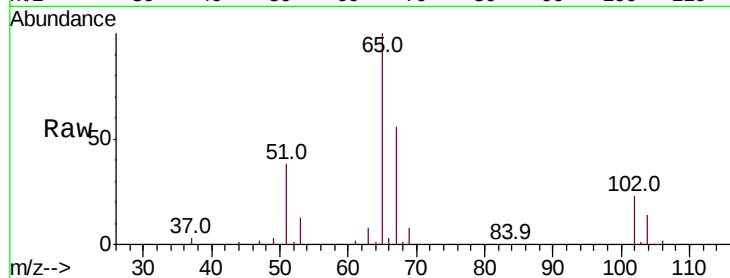
ROLL-OFF-COMP

Tot Ion: 65 Resp: 150201

Ion Ratio Lower Upper

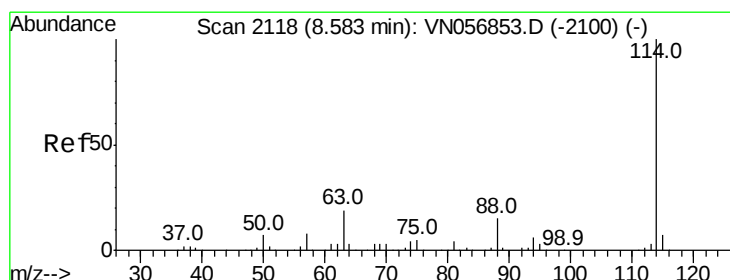
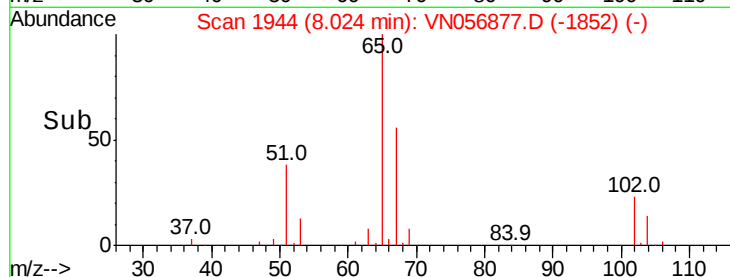
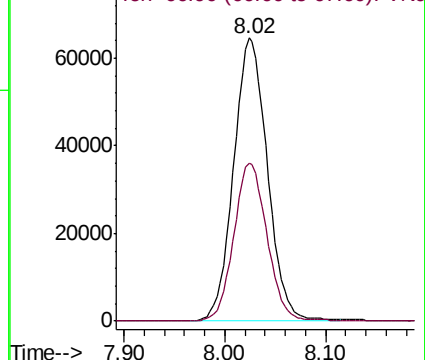
65 100

67 55.0 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN056877.D

Acq: 23 Jul 2019 14:36

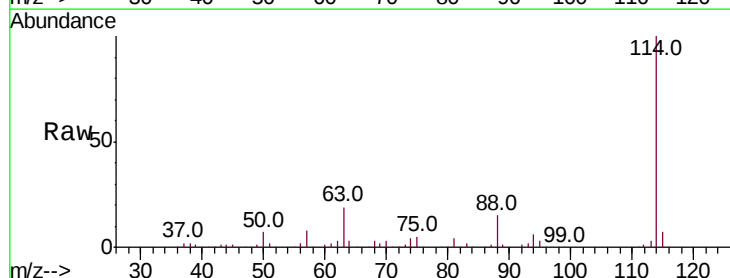
Tgt Ion: 114 Resp: 467095

Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.8

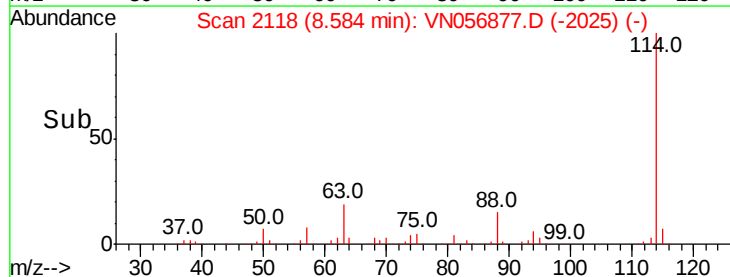
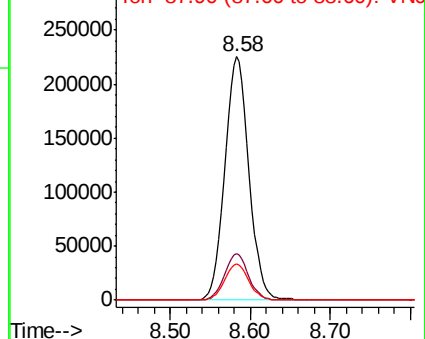
88 15.0 0.0 31.0

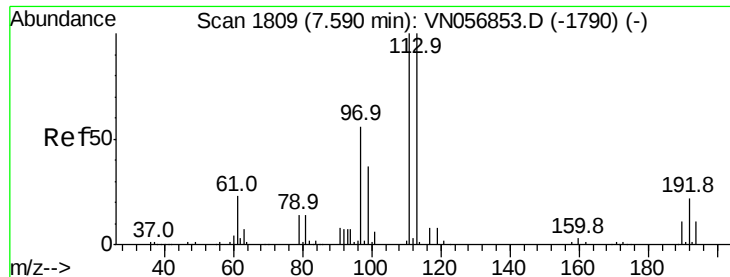


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

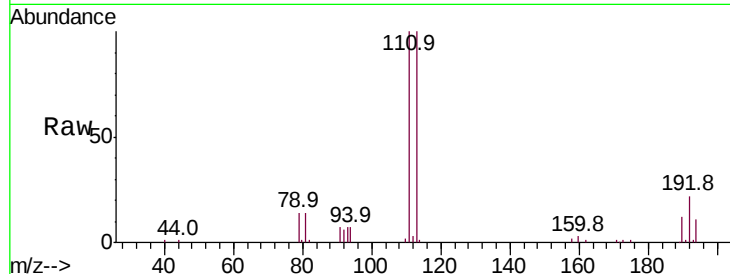




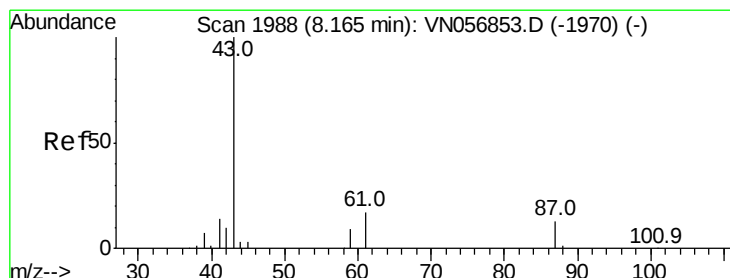
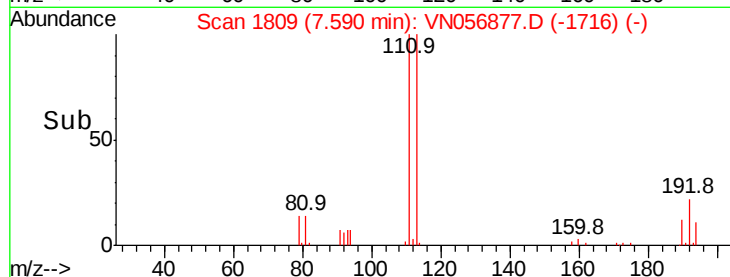
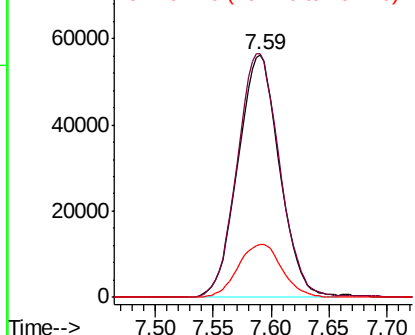
#35
 Dibromofluoromethane
 Concen: 47.401 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056877.D
 Acq: 23 Jul 2019 14:36

Instrument :
 MSVOA_N
 ClientSampleId :
 ROLL-OFF-COMP

Tot Ion:113 Resp: 140335
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.9 122.9
 192 23.1 18.5 27.7

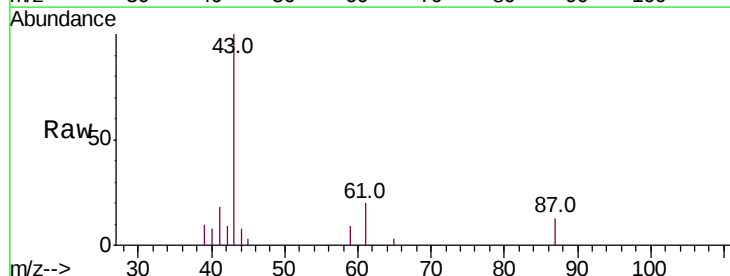


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

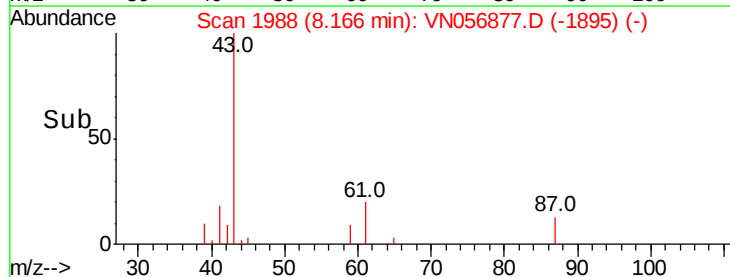
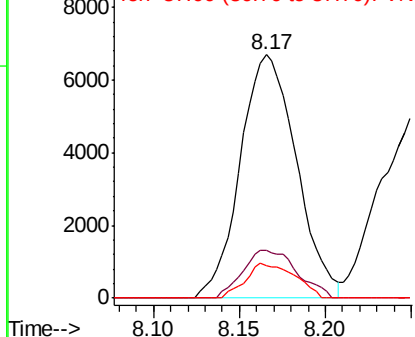


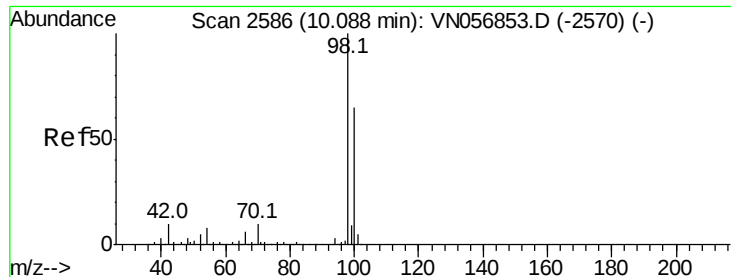
#43
 Isopropyl Acetate
 Concen: 2.544 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN056877.D
 Acq: 23 Jul 2019 14:36

Tgt Ion: 43 Resp: 15193
 Ion Ratio Lower Upper
 43 100
 61 19.0 17.8 26.6
 87 12.5 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): V
 Ion 61.00 (60.70 to 61.70): V
 Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 52.929 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN056877.D

Acq: 23 Jul 2019 14:36

Instrument :

MSVOA_N

ClientSampleId :

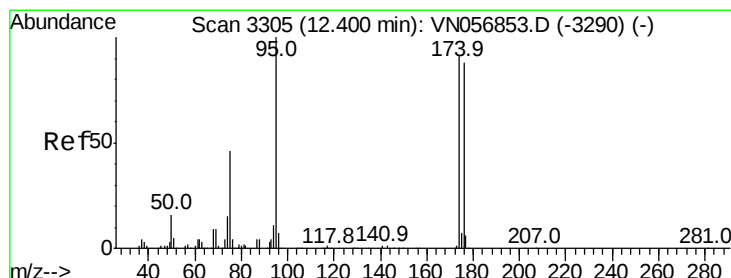
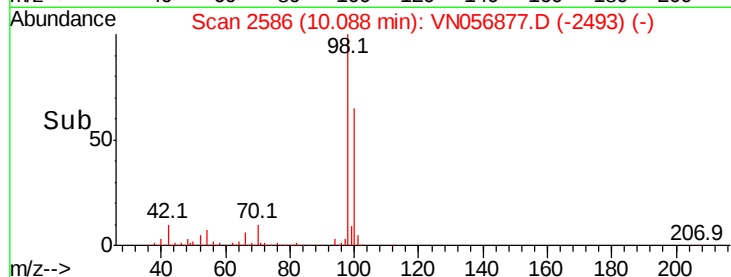
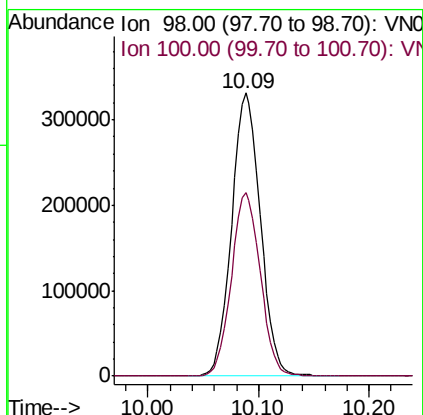
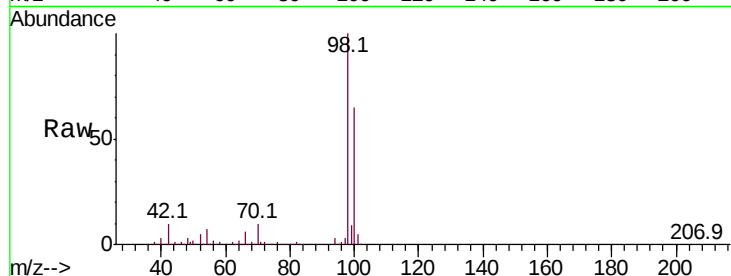
ROLL-OFF-COMP

Tot Ion: 98 Resp: 599503

Ion Ratio Lower Upper

98 100

100 65.1 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 60.774 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056877.D

Acq: 23 Jul 2019 14:36

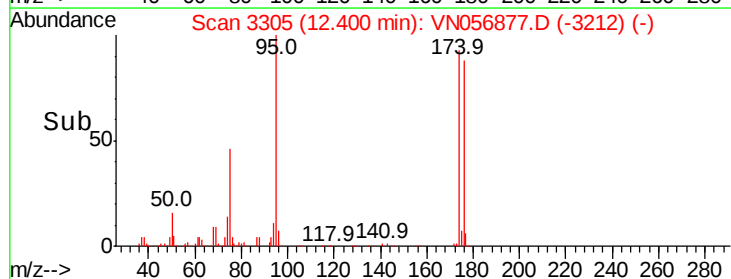
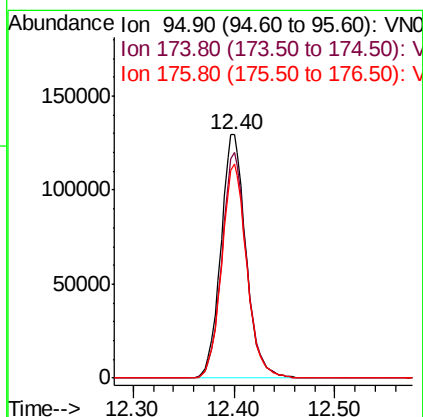
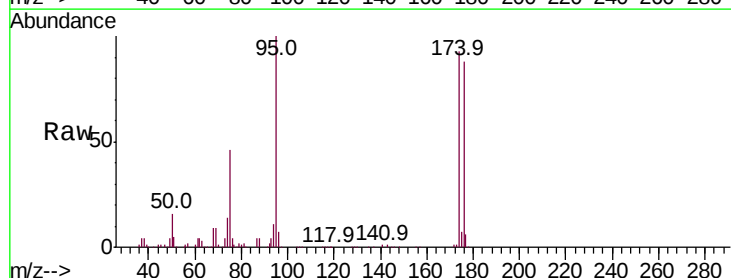
Tgt Ion: 95 Resp: 225273

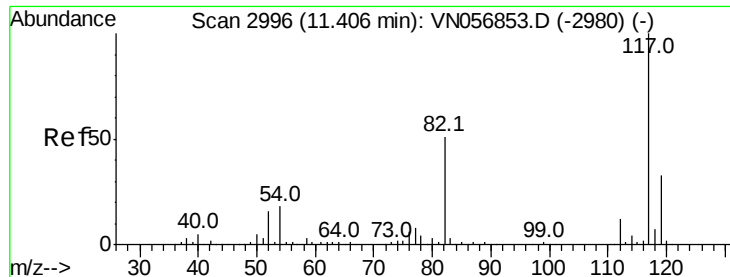
Ion Ratio Lower Upper

95 100

174 91.3 0.0 183.4

176 87.7 0.0 175.8

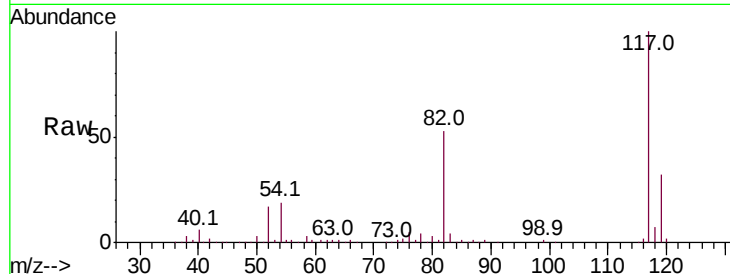




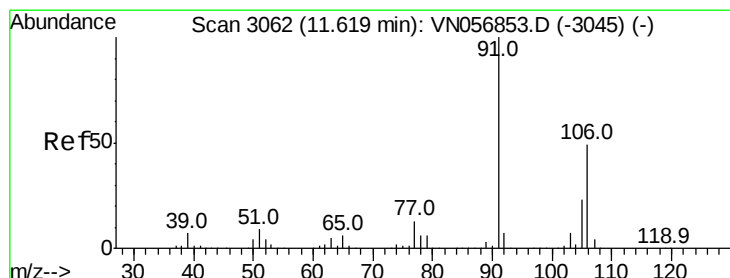
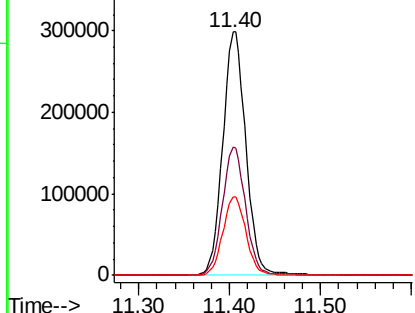
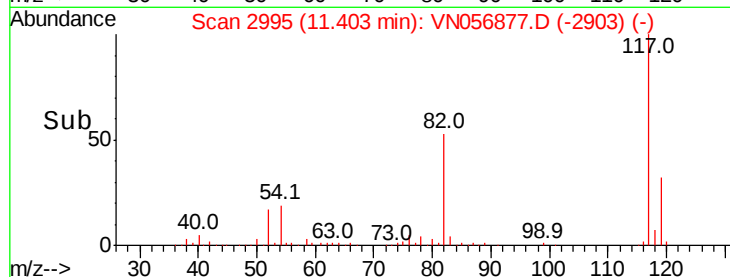
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN056877.D
Acq: 23 Jul 2019 14:36

Instrument :
MSVOA_N
ClientSampleId :
ROLL-OFF-COMP

Tot Ion:117 Resp: 527670
Ion Ratio Lower Upper
117 100
82 52.9 41.2 61.8
119 32.2 26.4 39.6

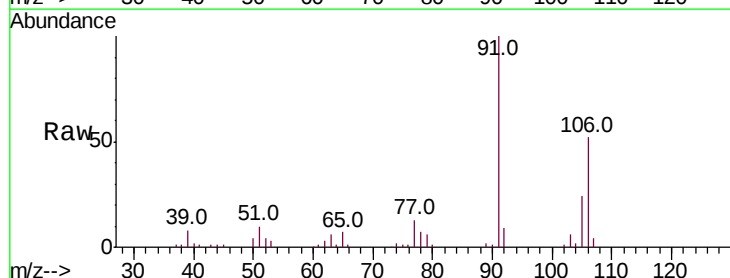


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

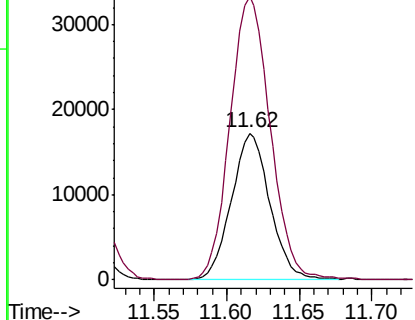
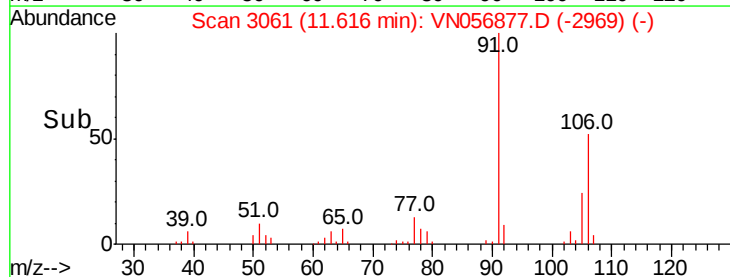


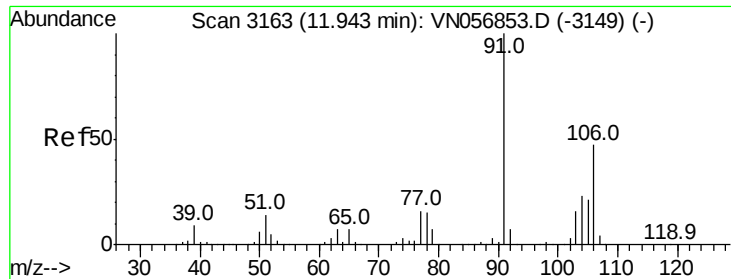
#68
m/p-Xylenes
Concen: 4.475 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN056877.D
Acq: 23 Jul 2019 14:36

Tgt Ion:106 Resp: 31715
Ion Ratio Lower Upper
106 100
91 202.1 160.5 240.7



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

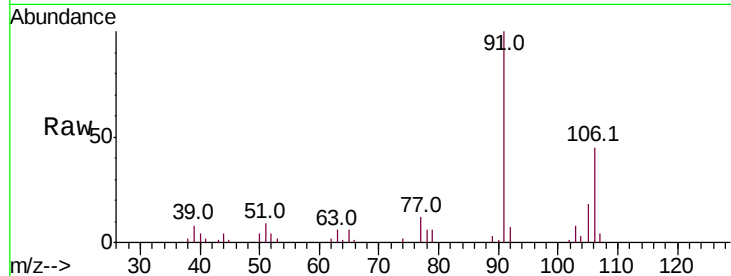




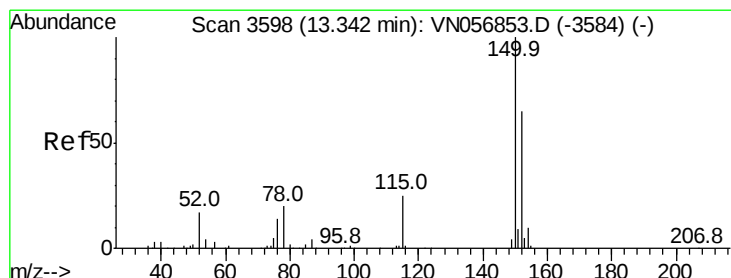
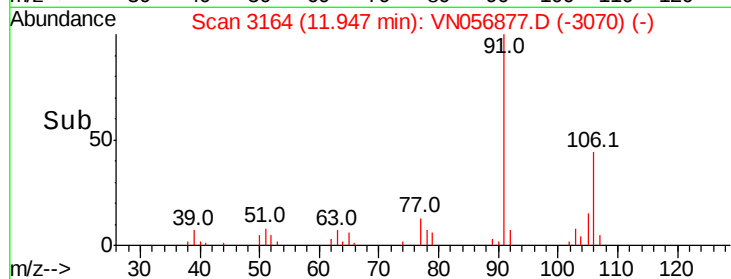
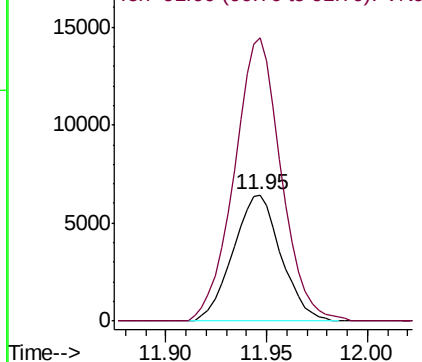
#69
o-Xylene
Concen: 1.547 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056877.D
Acq: 23 Jul 2019 14:36

Instrument :
MSVOA_N
ClientSampleId :
ROLL-OFF-COMP

Tot Ion:106 Resp: 10703
Ion Ratio Lower Upper
106 100
91 219.7 105.1 315.3

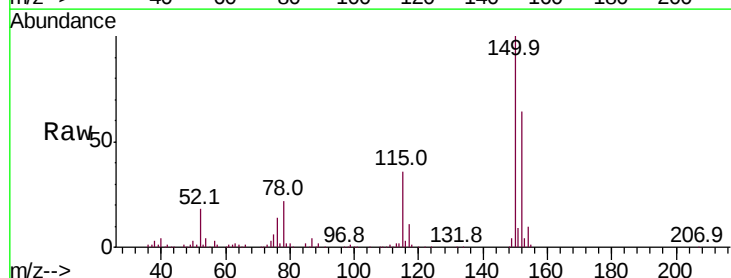


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

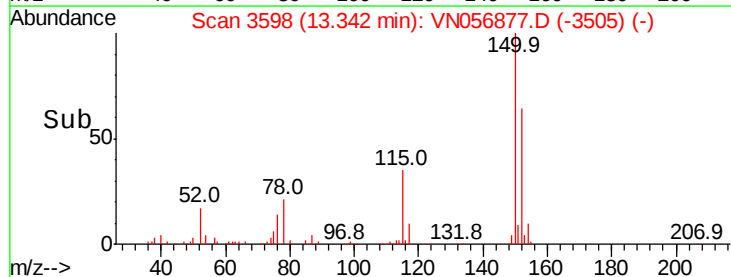
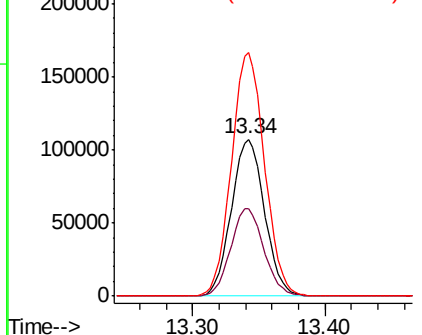


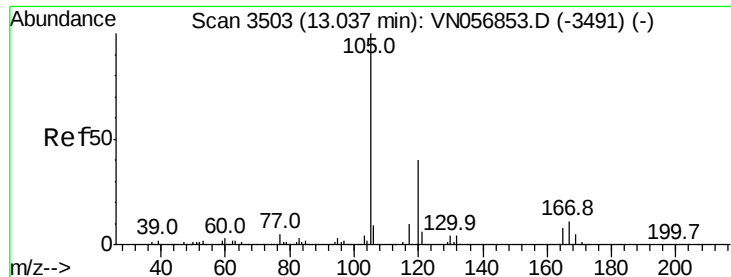
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056877.D
Acq: 23 Jul 2019 14:36

Tgt Ion:152 Resp: 185683
Ion Ratio Lower Upper
152 100
115 56.1 27.6 82.7
150 155.4 0.0 343.0



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





#84

1,2,4-Trimethylbenzene

Concen: 6.119 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. 0.00 min

Lab File: VN056877.D

Acq: 23 Jul 2019 14:36

Instrument :

MSVOA_N

ClientSampleId :

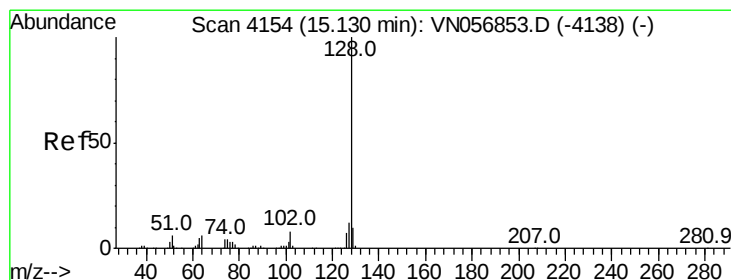
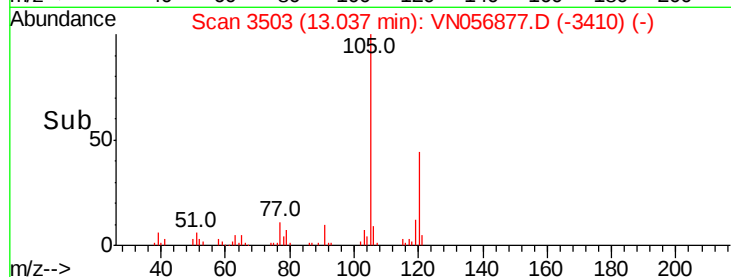
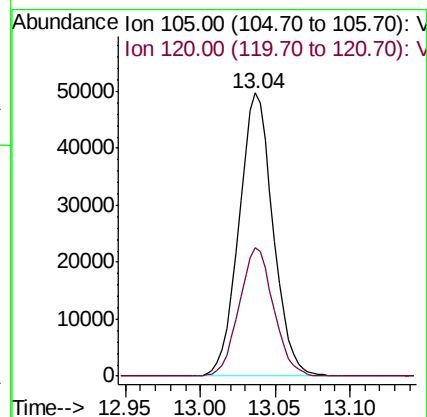
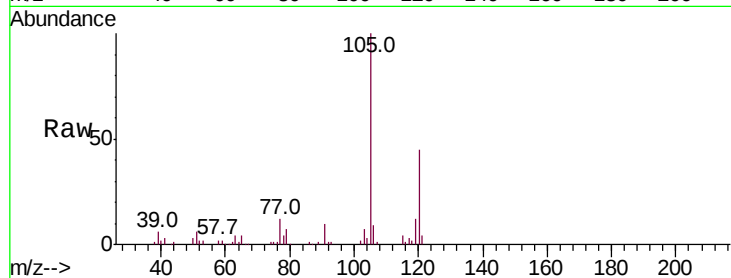
ROLL-OFF-COMP

Tot Ion:105 Resp: 78718

Ion Ratio Lower Upper

105 100

120 45.7 23.2 69.5



#95

Naphthalene

Concen: 4.714 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056877.D

Acq: 23 Jul 2019 14:36

Tgt Ion:128 Resp: 10600

Ion Ratio Lower Upper

128 100

127 10.7 10.2 15.2

129 10.4 8.5 12.7

