

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090219\
 Data File : VN057643.D
 Acq On : 1 Sep 2019 14:47
 Operator : JC/SP
 Sample : K4527-35
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-O-(0)

Quant Time: Sep 02 02:29:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 15:54:32 2019
 Response via : Initial Calibration

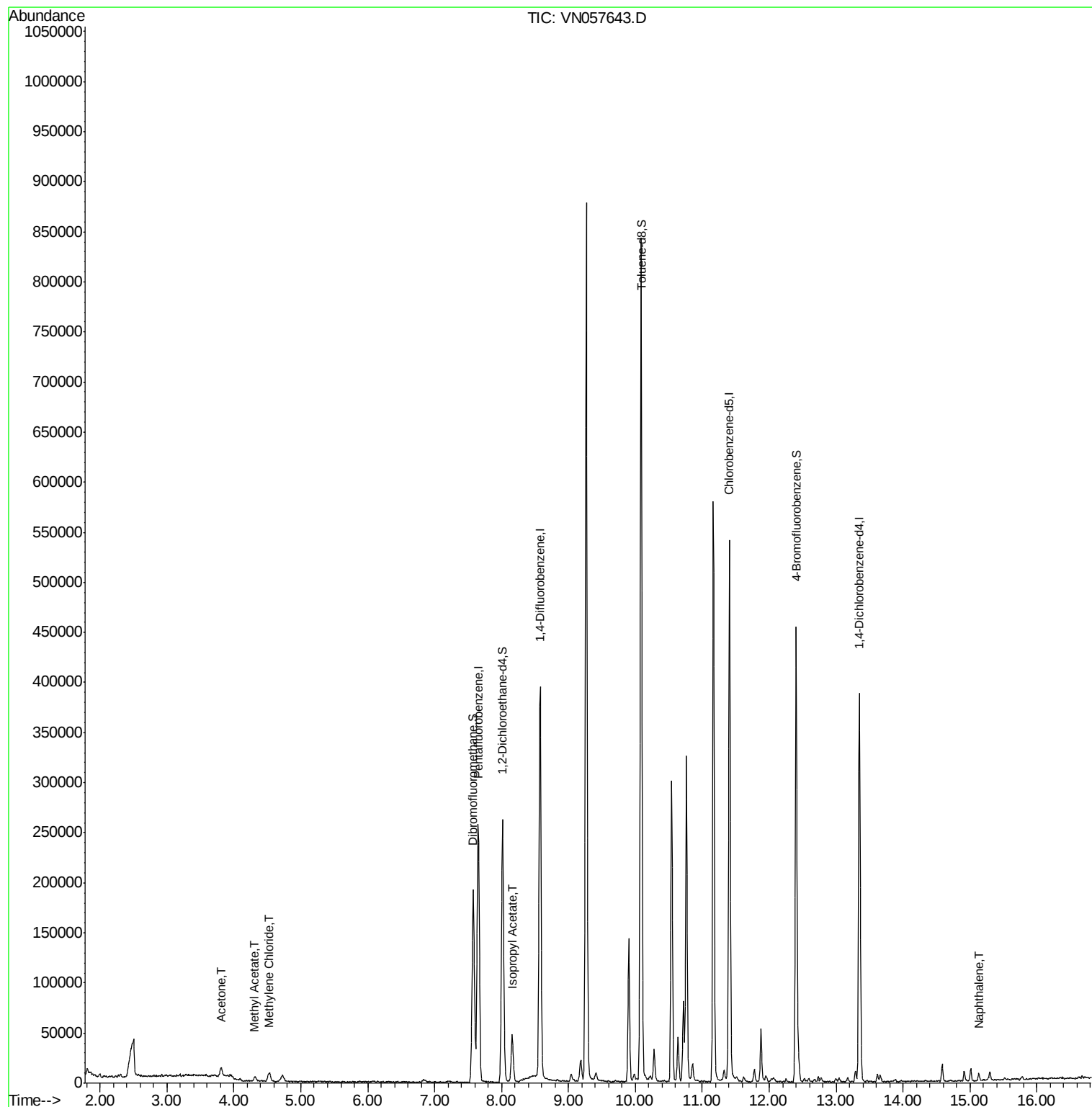
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	180396	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	308600	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	271431	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	94231	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	222477	54.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.18%	
35) Dibromofluoromethane	7.58	113	136379	50.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.22%	
50) Toluene-d8	10.08	98	539043	52.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.20%	
62) 4-Bromofluorobenzene	12.40	95	162525	41.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.62%	
Target Compounds						
16) Acetone	3.81	43	12258	10.733	ug/l	93
18) Methyl Acetate	4.31	43	7720	1.969	ug/l #	75
20) Methylene Chloride	4.52	84	6007	2.125	ug/l	95
43) Isopropyl Acetate	8.16	43	56373	8.040	ug/l #	94
95) Naphthalene	15.13	128	5336	8.040	ug/l #	92

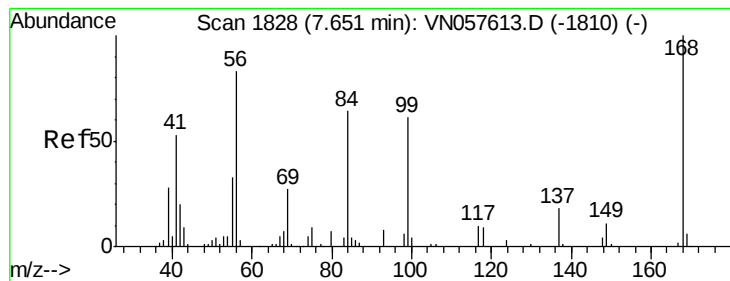
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN090219\
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Quant Title : SW846 8260
QLast Update : Sat Aug 31 15:54:32 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN057643.D

Acq: 1 Sep 2019 14:47

Instrument :

MSVOA_N

ClientSampleId :

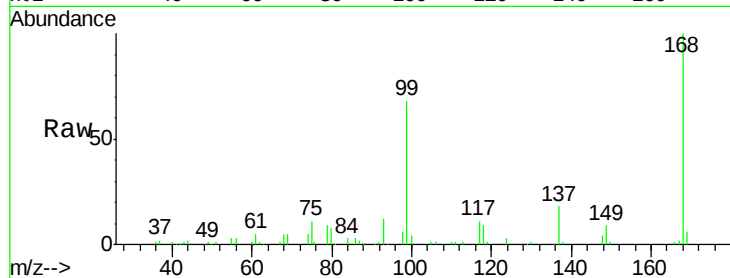
T9-12-13-O-(0)

Tot Ion:168 Resp: 180396

Ion Ratio Lower Upper

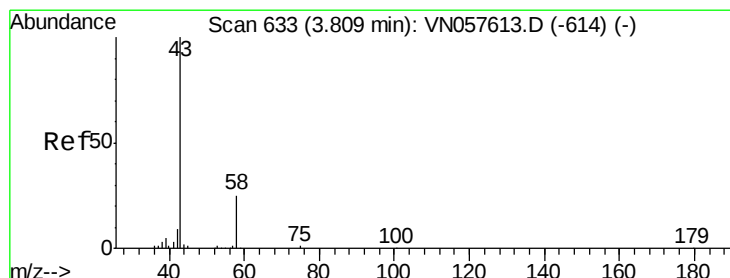
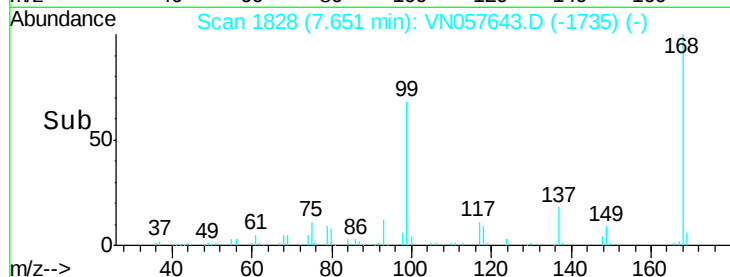
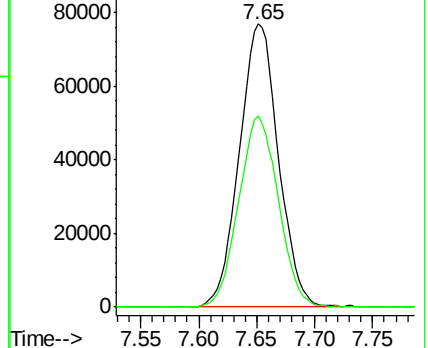
168 100

99 67.7 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 10.733 ug/l

RT: 3.81 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN057643.D

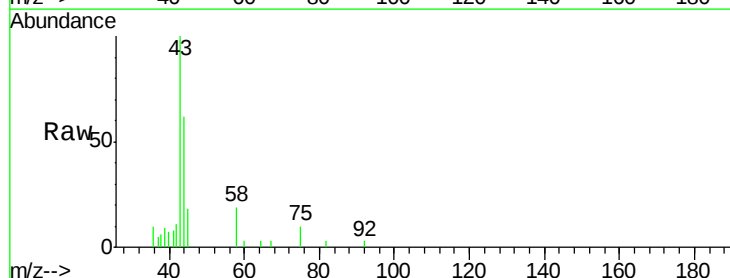
Acq: 1 Sep 2019 14:47

Tgt Ion: 43 Resp: 12258

Ion Ratio Lower Upper

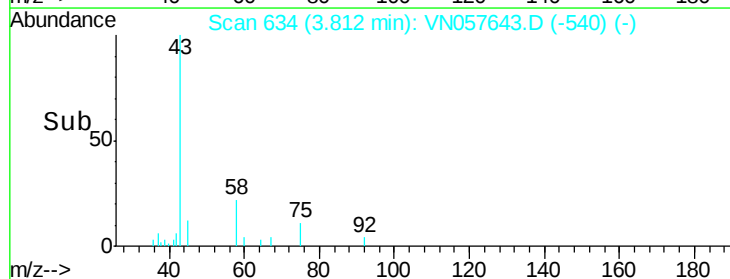
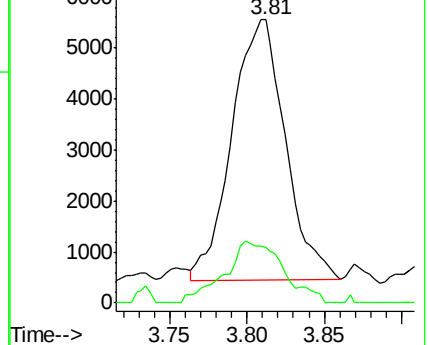
43 100

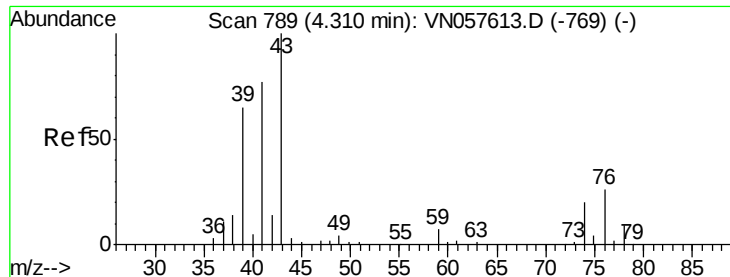
58 21.3 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

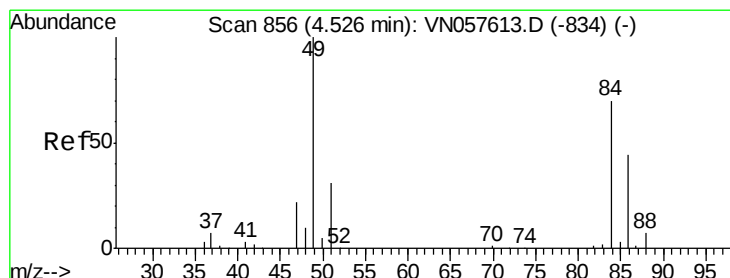
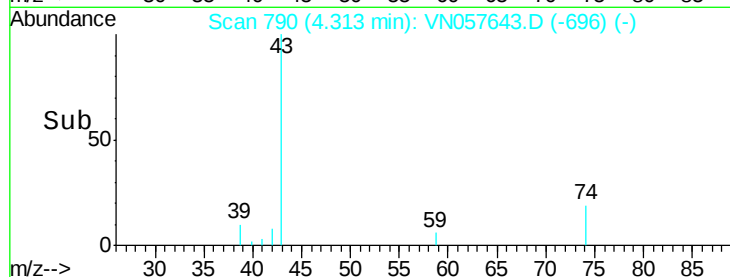
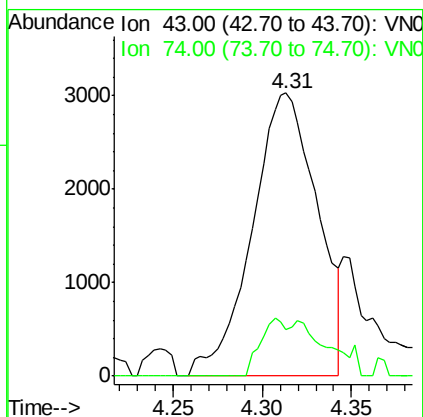
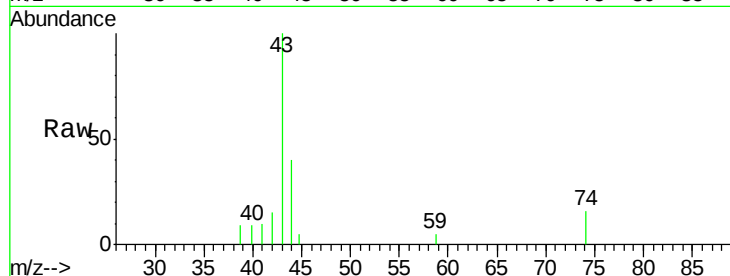




#18
Methyl Acetate
Concen: 1.969 ug/l
RT: 4.31 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN057643.D
Acq: 1 Sep 2019 14:47

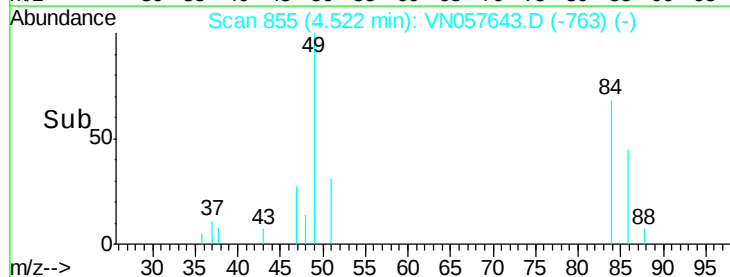
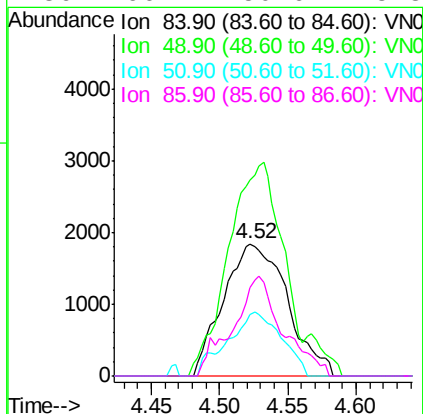
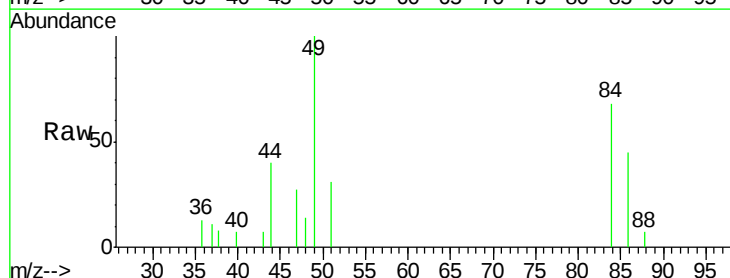
Instrument :
MSVOA_N
ClientSampled :
T9-12-13-O-(0)

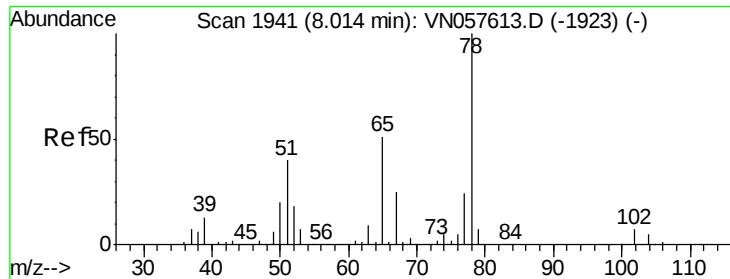
Tot Ion: 43 Resp: 7720
Ion Ratio Lower Upper
43 100
74 8.1 15.7 23.5#



#20
Methylene Chloride
Concen: 2.125 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN057643.D
Acq: 1 Sep 2019 14:47

Tgt Ion: 84 Resp: 6007
Ion Ratio Lower Upper
84 100
49 148.1 113.8 170.6
51 46.5 35.0 52.6
86 66.4 50.6 75.8

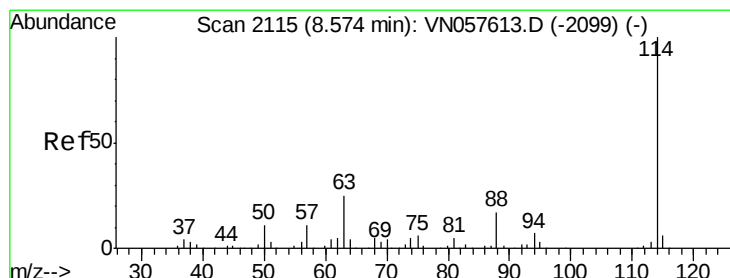
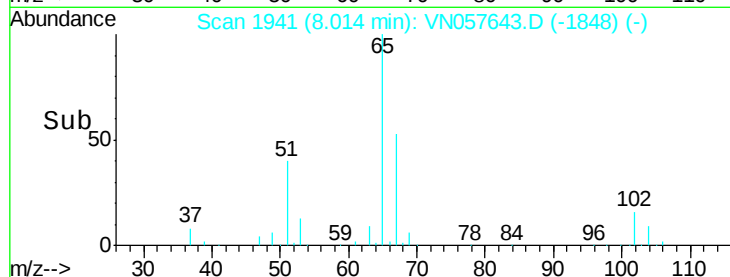
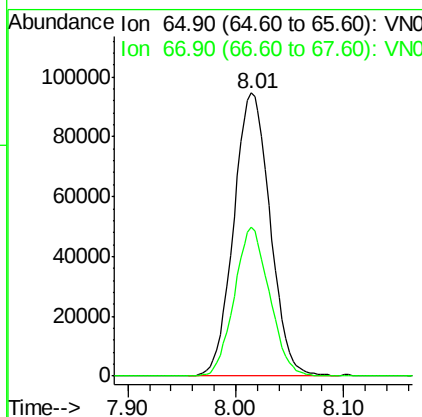
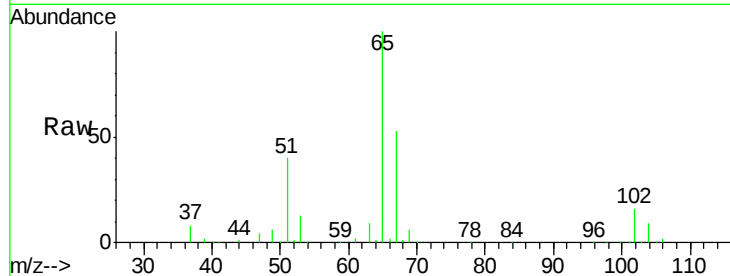




#33
 1,2-Dichloroethane-d4
 Concen: 54.594 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN057643.D
 Acq: 1 Sep 2019 14:47

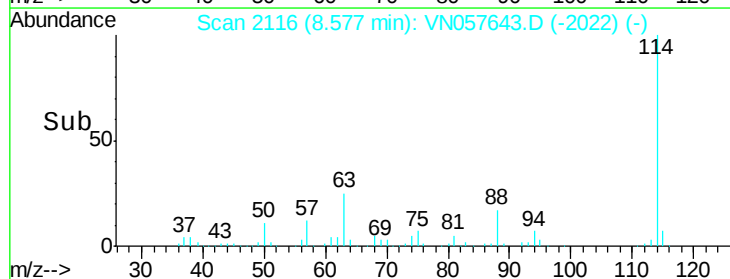
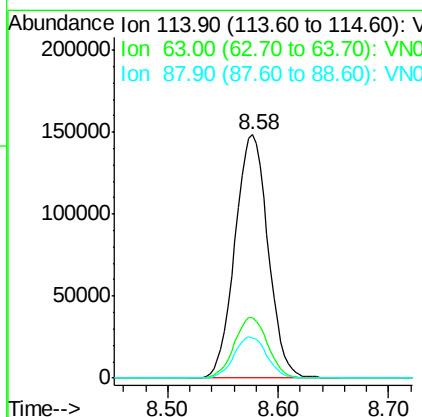
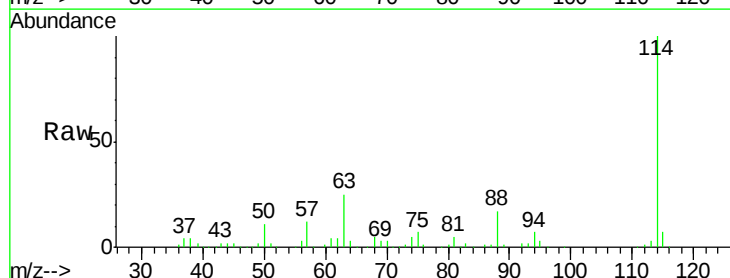
Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-O-(0)

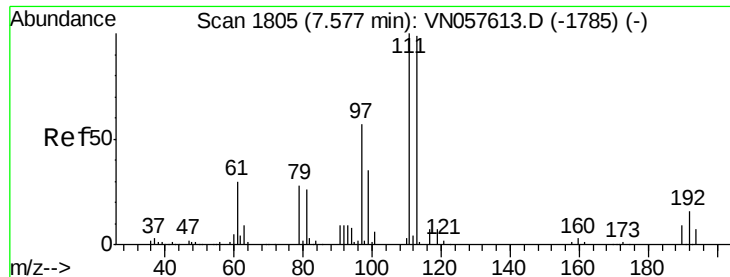
Tot Ion: 65 Resp: 222477
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057643.D
 Acq: 1 Sep 2019 14:47

Tgt Ion: 114 Resp: 308600
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 49.0
 88 16.7 0.0 33.0

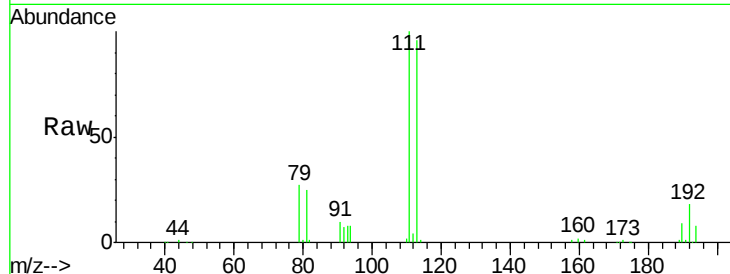




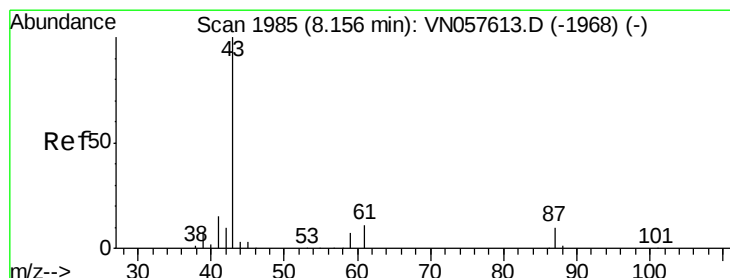
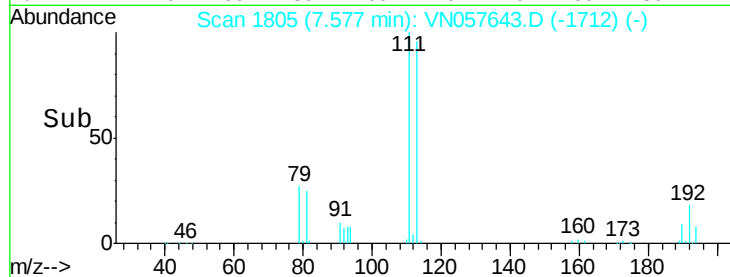
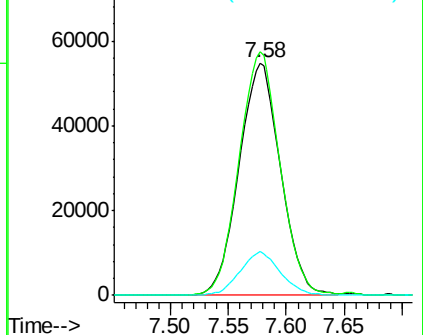
#35
 Dibromofluoromethane
 Concen: 50.605 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057643.D
 Acq: 1 Sep 2019 14:47

Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-O-(0)

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.3	121.9
192	18.3	13.5	20.3

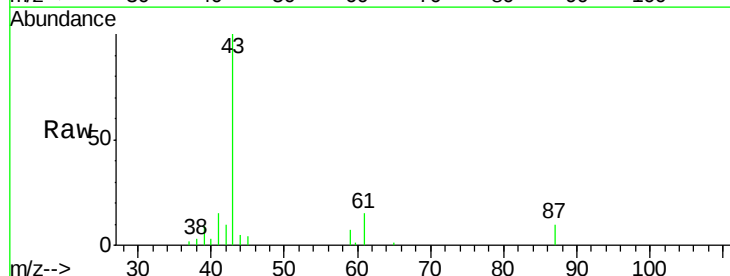


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

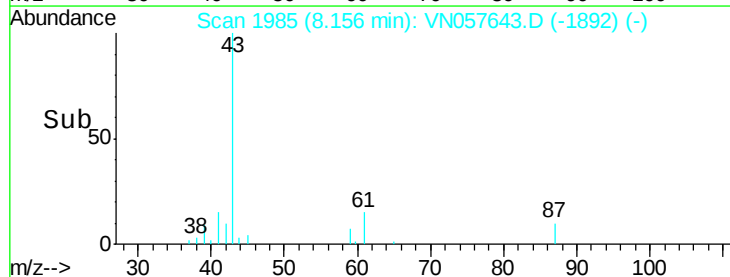
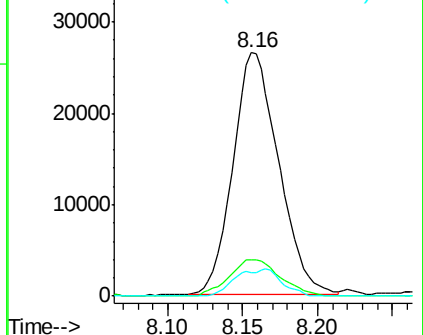


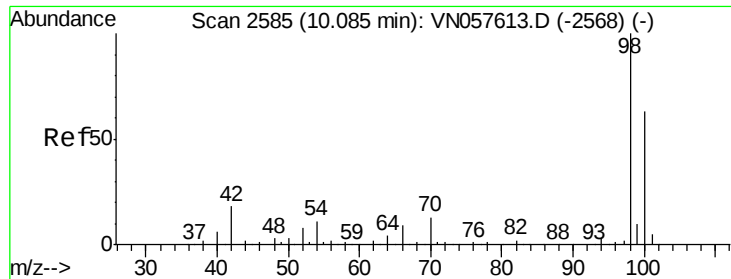
#43
 Isopropyl Acetate
 Concen: 8.040 ug/l
 RT: 8.16 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VN057643.D
 Acq: 1 Sep 2019 14:47

Tgt Ion	Ratio	Lower	Upper
43	100		
61	16.8	13.1	19.7
87	4.9	8.1	12.1#



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





#50

Toluene-d8

Concen: 52.099 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057643.D

Acq: 1 Sep 2019 14:47

Instrument :

MSVOA_N

ClientSampleId :

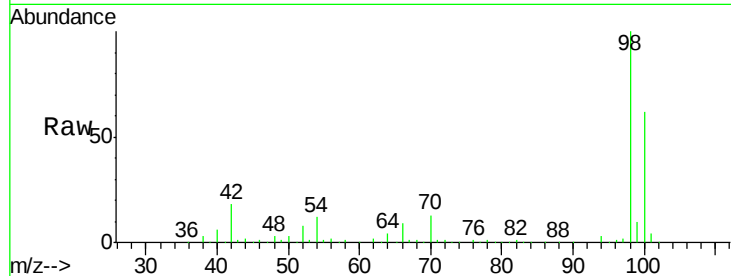
T9-12-13-O-(0)

Tot Ion: 98 Resp: 539043

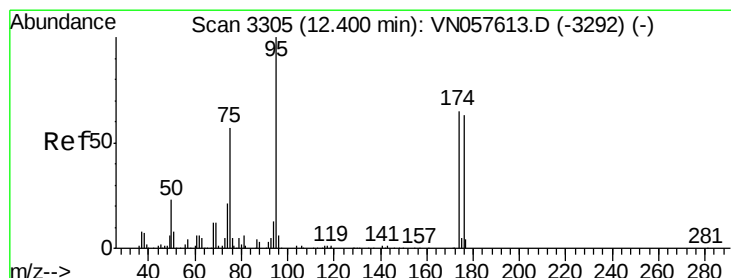
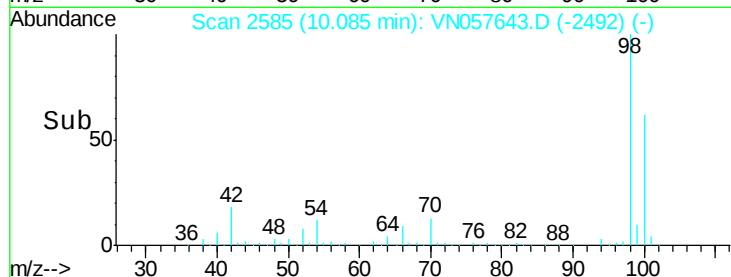
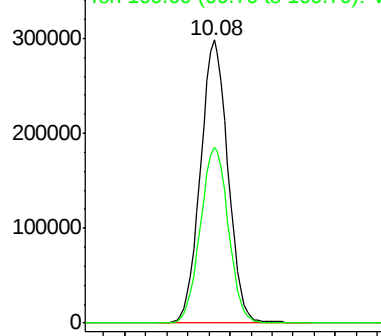
Ion Ratio Lower Upper

98 100

100 63.1 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN057643.D (-2568) (-)



#62

4-Bromofluorobenzene

Concen: 41.309 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN057643.D

Acq: 1 Sep 2019 14:47

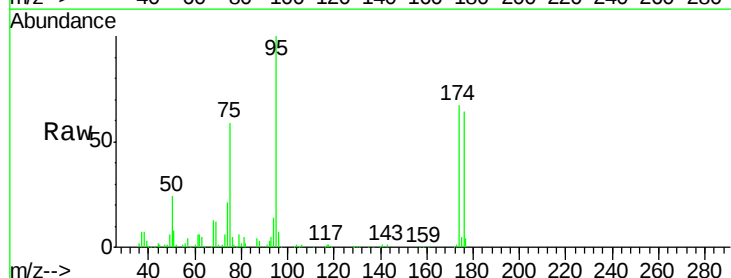
Tgt Ion: 95 Resp: 162525

Ion Ratio Lower Upper

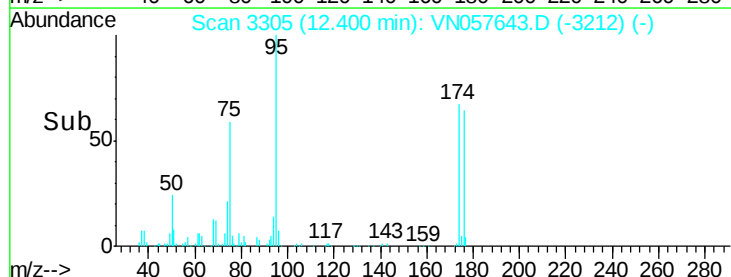
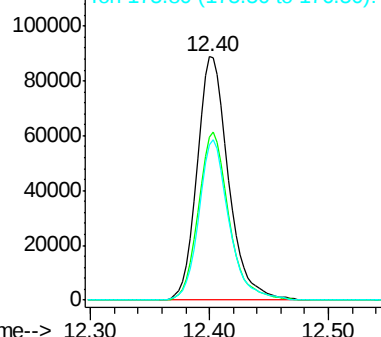
95 100

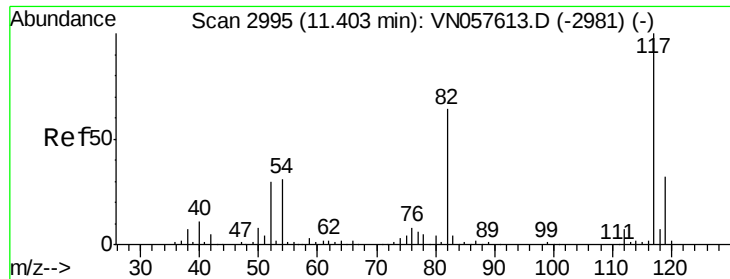
174 66.8 0.0 134.8

176 63.1 0.0 131.6



Abundance Ion 94.90 (94.60 to 95.60): VN057643.D (-3292) (-)

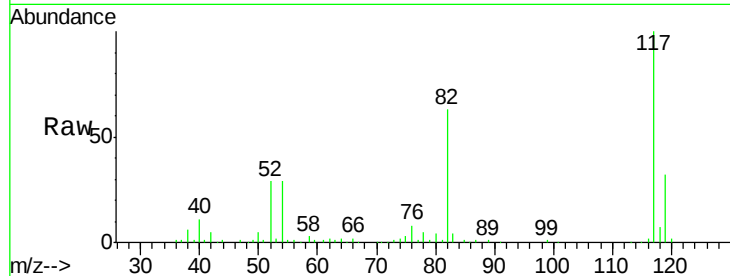




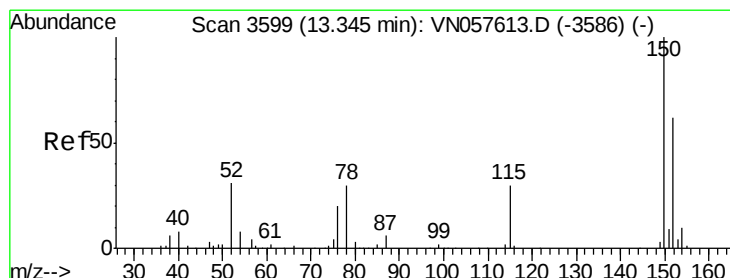
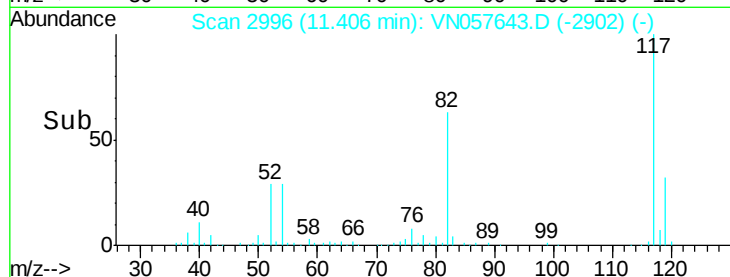
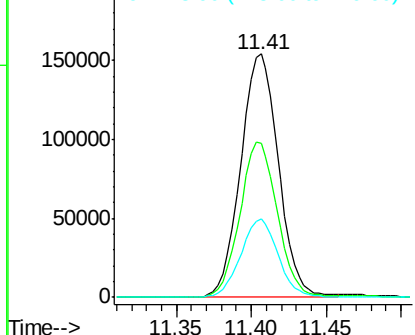
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057643.D
Acq: 1 Sep 2019 14:47

Instrument :
MSVOA_N
ClientSampleId :
T9-12-13-O-(0)

Tot Ion:117 Resp: 271431
Ion Ratio Lower Upper
117 100
82 63.2 51.6 77.4
119 32.0 25.8 38.6

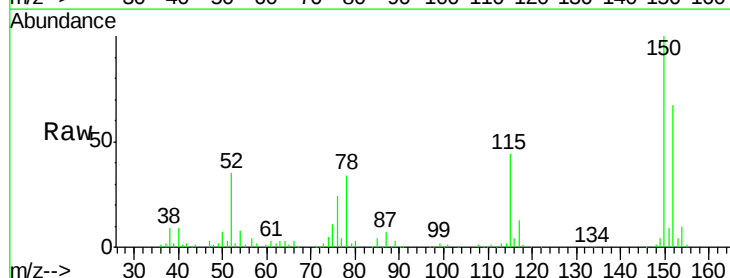


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

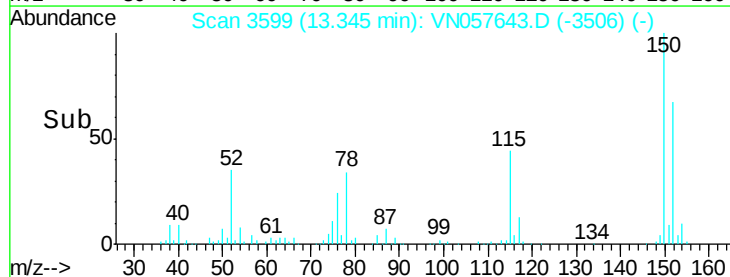
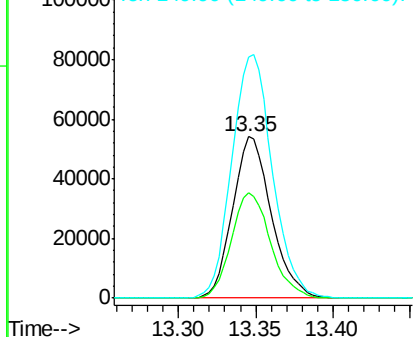


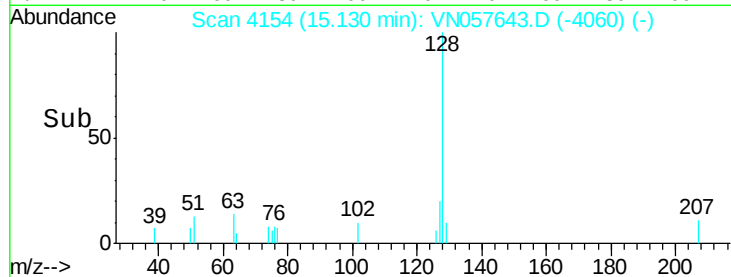
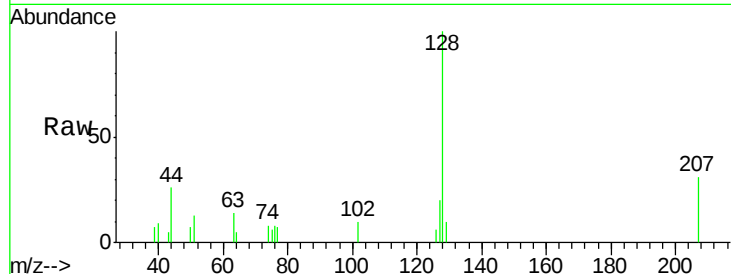
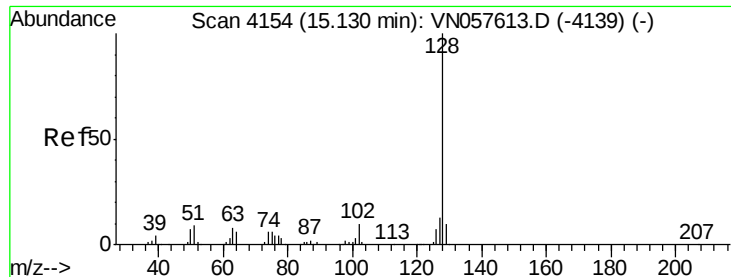
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN057643.D
Acq: 1 Sep 2019 14:47

Tgt Ion:152 Resp: 94231
Ion Ratio Lower Upper
152 100
115 66.0 33.2 99.6
150 157.9 0.0 365.2



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: 8.040 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN057643.D

Acq: 1 Sep 2019 14:47

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-O-(0)

Tot Ion:128 Resp: 5336

Ion Ratio Lower Upper

128 100

127 16.0 10.2 15.2#

129 7.9 8.6 12.8#

