

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082619\
 Data File : VN057539.D
 Acq On : 27 Aug 2019 3:34
 Operator : JC/SP
 Sample : K4493-44
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-G4-(1.9)

Quant Time: Aug 27 09:25:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 05:07:29 2019
 Response via : Initial Calibration

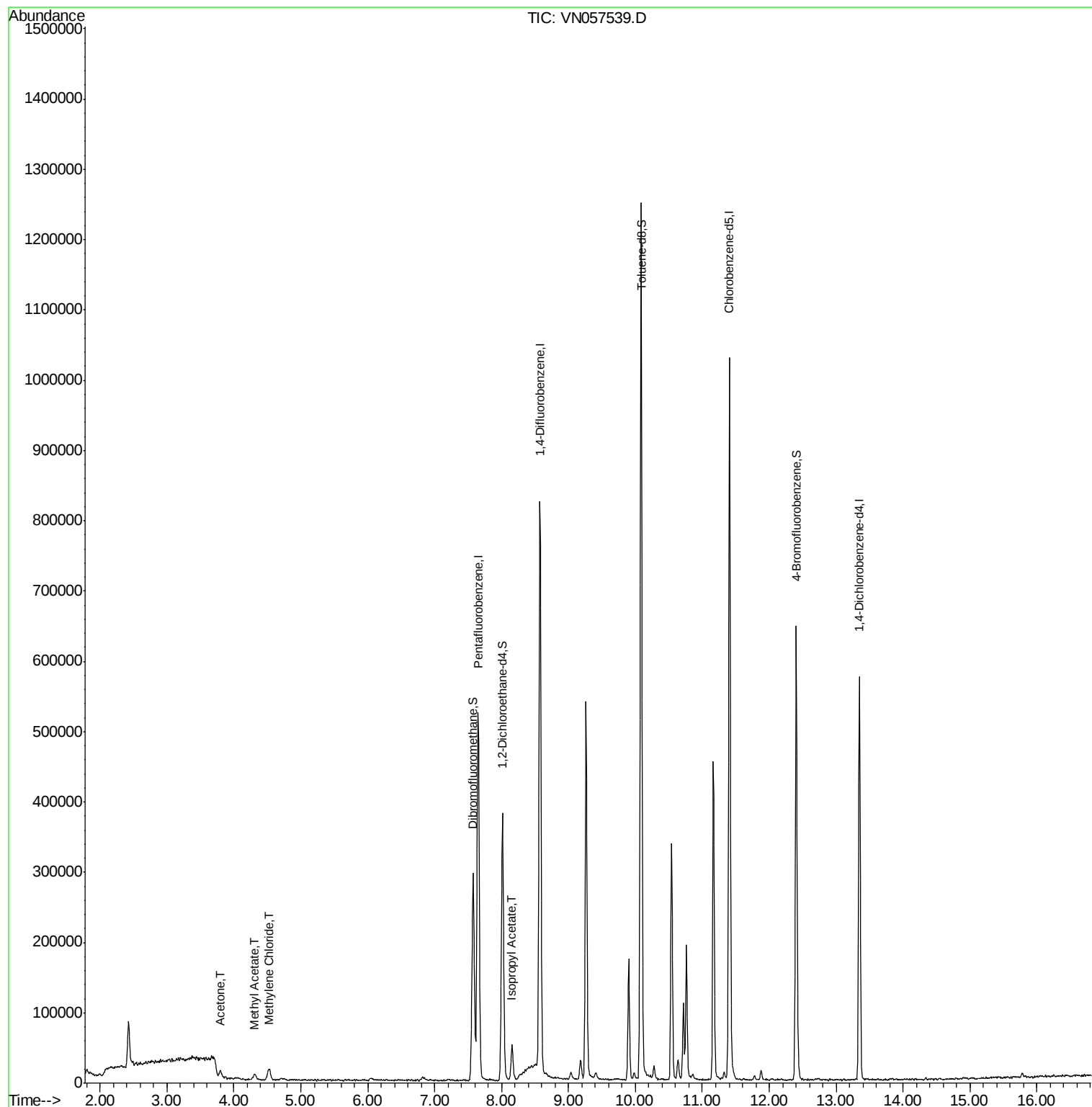
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	379938	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	661492	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	538264	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	140606	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	318830	47.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.40%	
35) Dibromofluoromethane	7.57	113	210212	47.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.10%	
50) Toluene-d8	10.08	98	824762	48.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.64%	
62) 4-Bromofluorobenzene	12.40	95	226400	39.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.08%	
Target Compounds						
16) Acetone	3.80	43	14317	4.664	ug/l #	86
18) Methyl Acetate	4.31	43	16201	1.521	ug/l	100
20) Methylene Chloride	4.52	84	10643	2.267	ug/l	97
43) Isopropyl Acetate	8.16	43	60660	4.953	ug/l	99

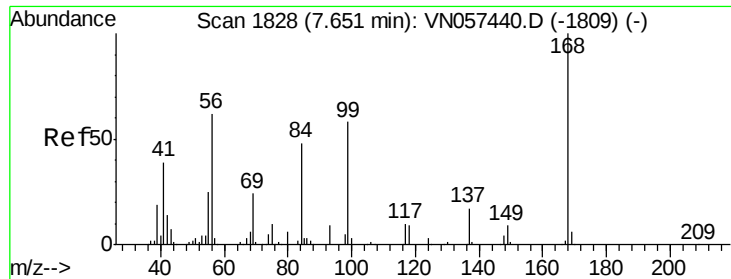
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN082619\
Data File : VN057539.D
Acq On : 27 Aug 2019 3:34
Operator : JC/SP
Sample : K4493-44
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
T9-12-13-G4-(1.9)

Quant Time: Aug 27 09:25:33 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N082219W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 23 05:07:29 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: VN057539.D

Acq: 27 Aug 2019 3:34

Instrument :

MSVOA_N

ClientSampleId :

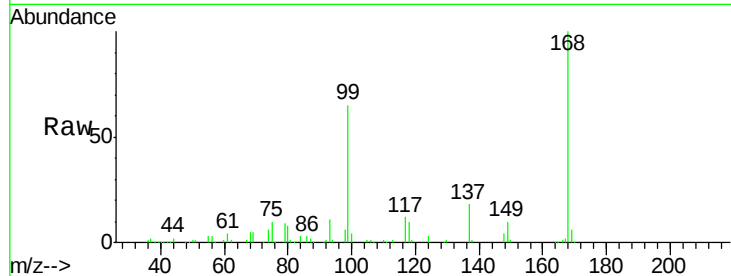
T9-12-13-G4-(1.9)

Tot Ion:168 Resp: 379938

Ion Ratio Lower Upper

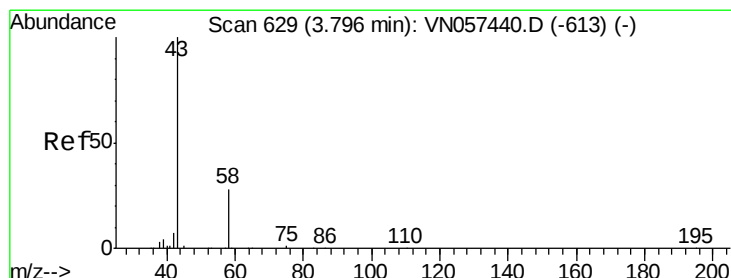
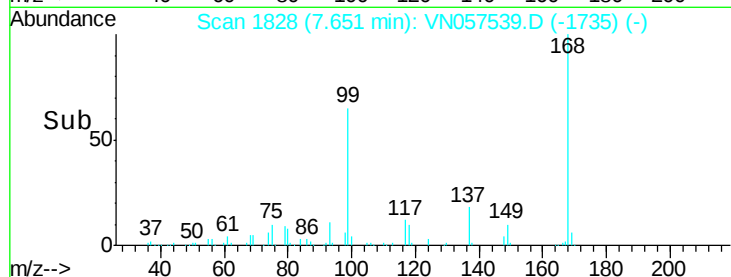
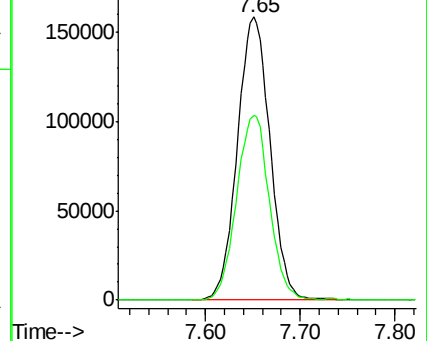
168 100

99 65.4 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 4.664 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN057539.D

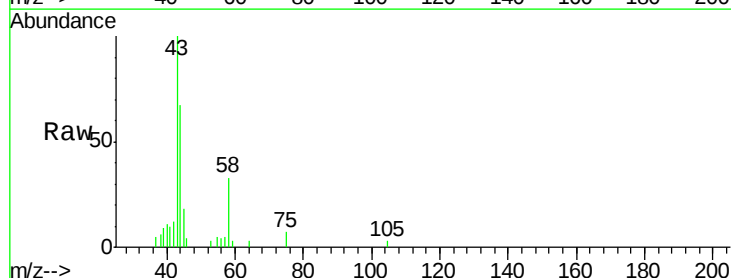
Acq: 27 Aug 2019 3:34

Tgt Ion: 43 Resp: 14317

Ion Ratio Lower Upper

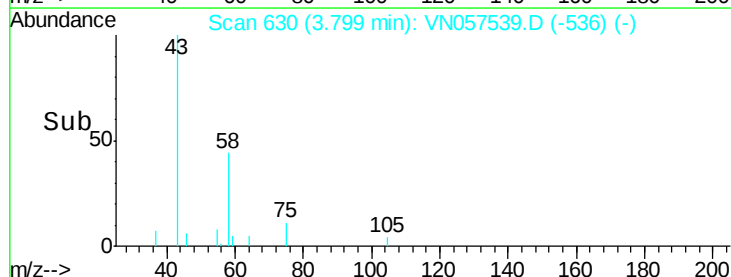
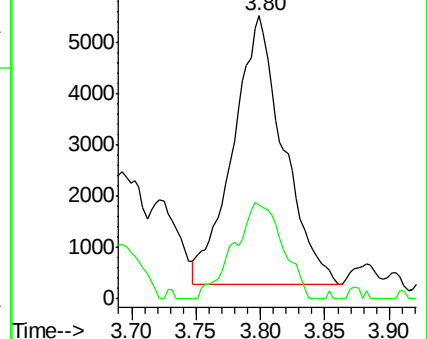
43 100

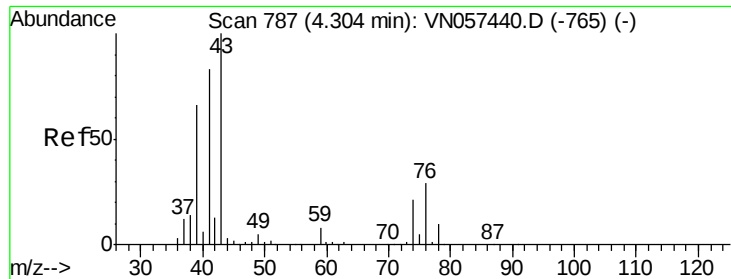
58 35.0 22.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

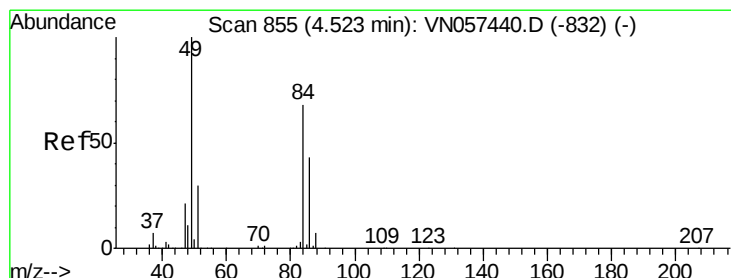
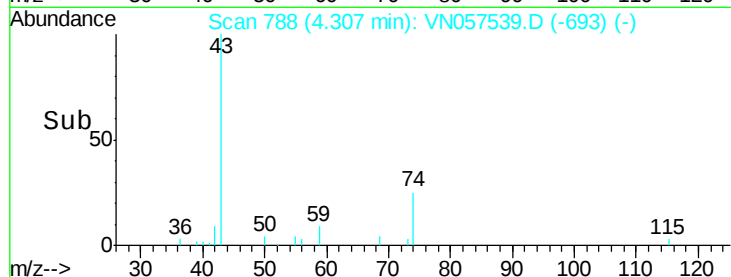
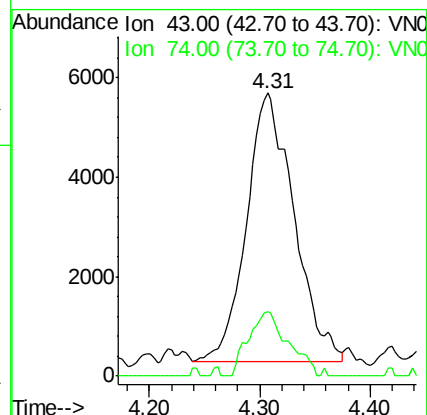
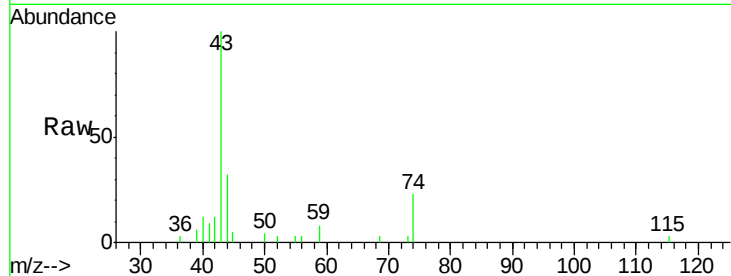




#18
Methyl Acetate
Concen: 1.521 ug/l
RT: 4.31 min Scan# 788
Delta R.T. 0.00 min
Lab File: VN057539.D
Acq: 27 Aug 2019 3:34

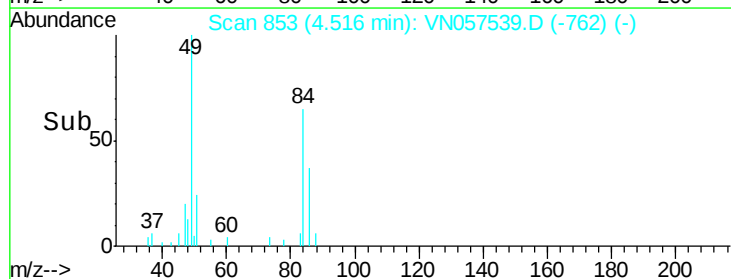
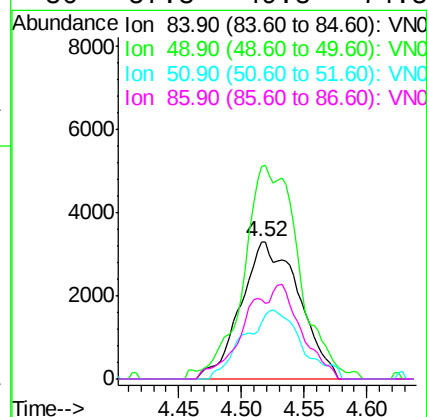
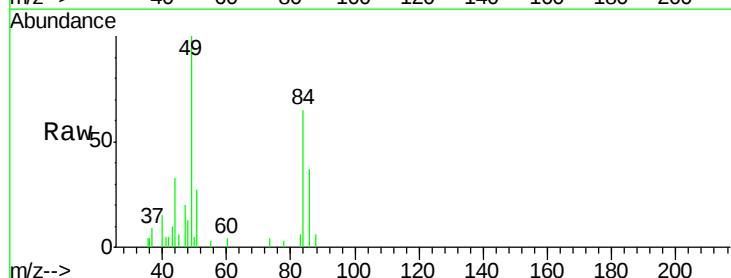
Instrument :
MSVOA_N
ClientSampleId :
T9-12-13-G4-(1.9)

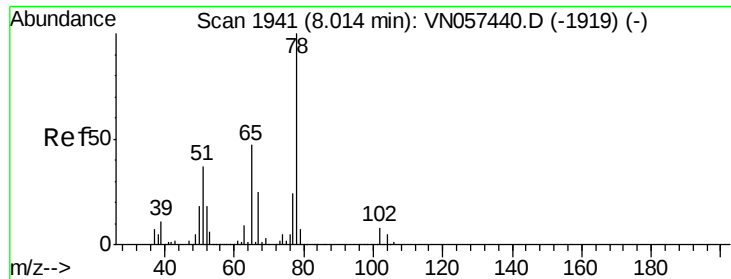
Tot Ion: 43 Resp: 16201
Ion Ratio Lower Upper
43 100
74 19.9 15.9 23.9



#20
Methylene Chloride
Concen: 2.267 ug/l
RT: 4.52 min Scan# 853
Delta R.T. -0.01 min
Lab File: VN057539.D
Acq: 27 Aug 2019 3:34

Tgt Ion: 84 Resp: 10643
Ion Ratio Lower Upper
84 100
49 148.1 117.0 175.4
51 41.0 35.5 53.3
86 57.3 49.8 74.8

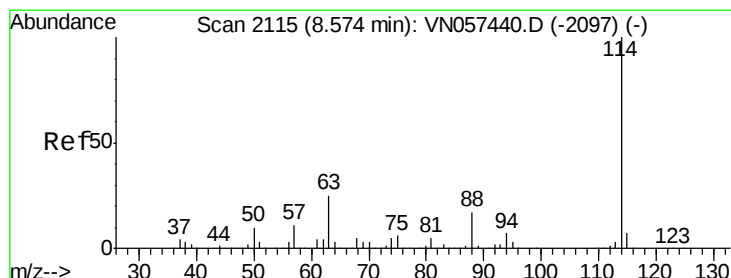
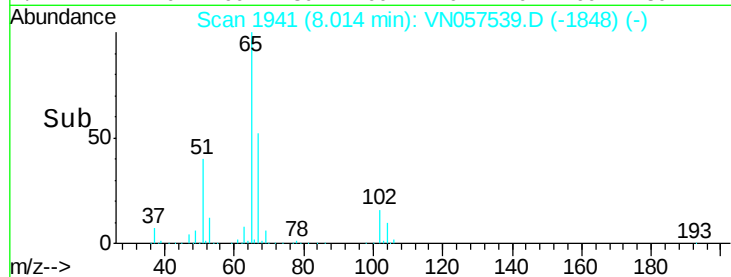
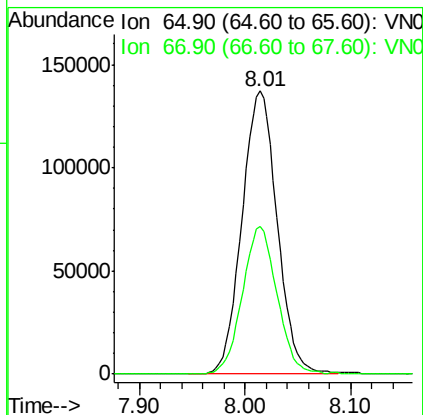
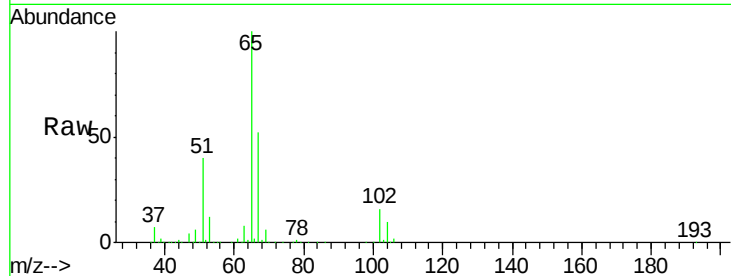




#33
 1,2-Dichloroethane-d4
 Concen: 47.703 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. -0.00 min
 Lab File: VN057539.D
 Acq: 27 Aug 2019 3:34

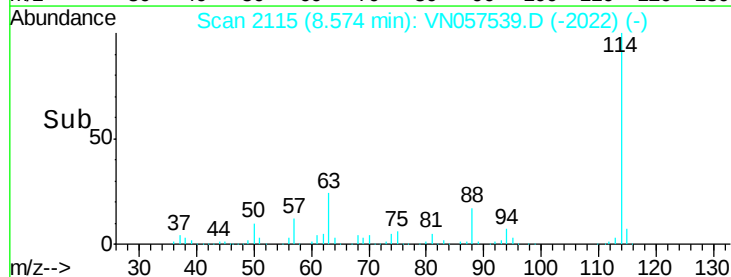
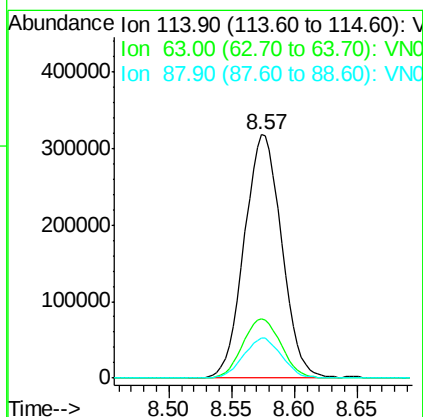
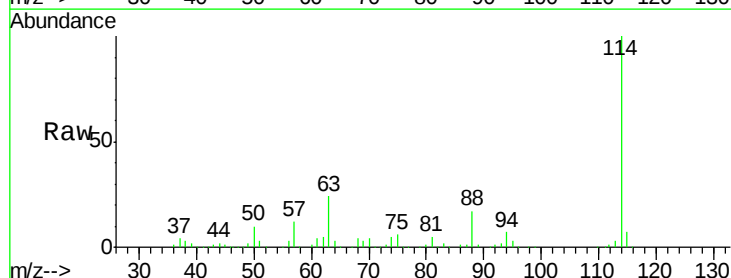
Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-G4-(1.9)

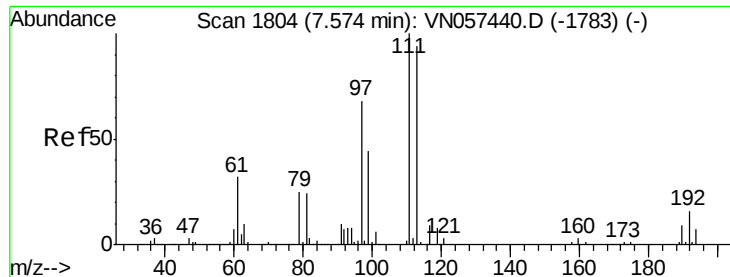
Tot Ion: 65 Resp: 318830
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN057539.D
 Acq: 27 Aug 2019 3:34

Tgt Ion: 114 Resp: 661492
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 50.2
 88 16.5 0.0 34.6

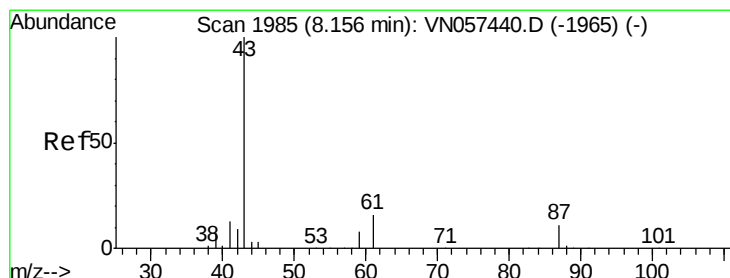
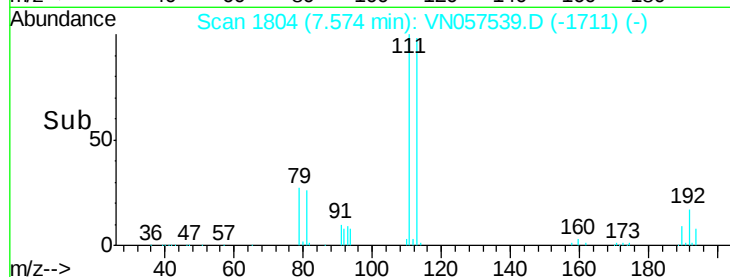
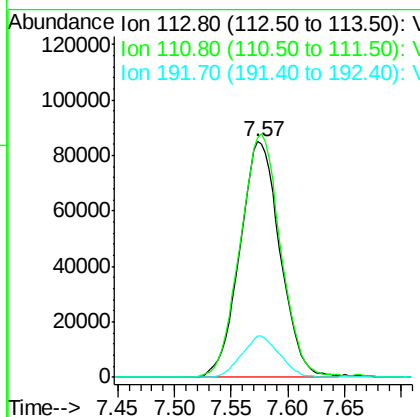
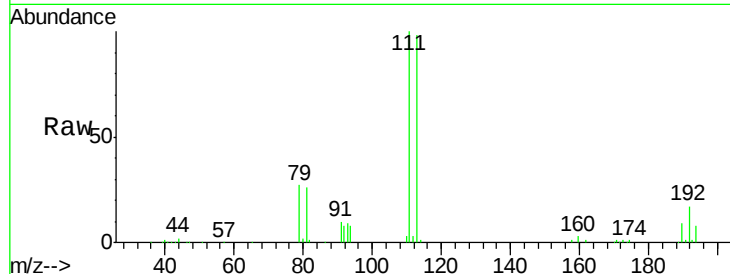




#35
 Dibromofluoromethane
 Concen: 47.047 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN057539.D
 Acq: 27 Aug 2019 3:34

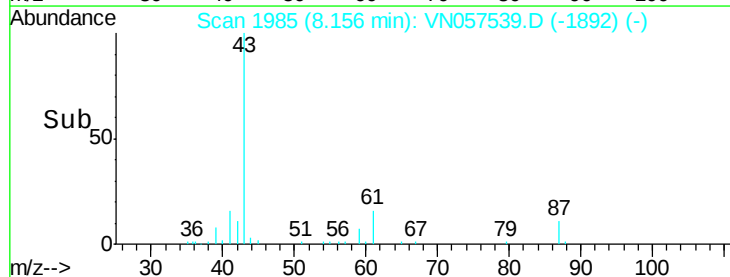
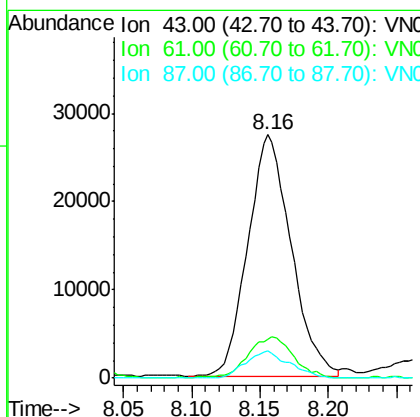
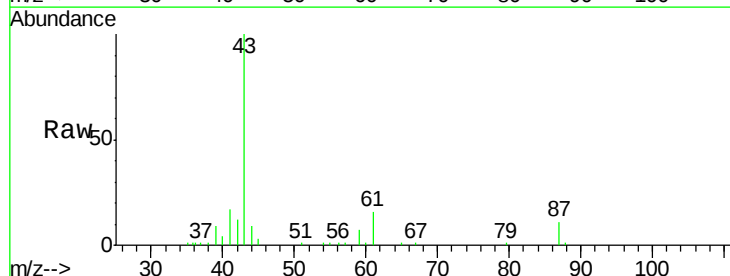
Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-G4-(1.9)

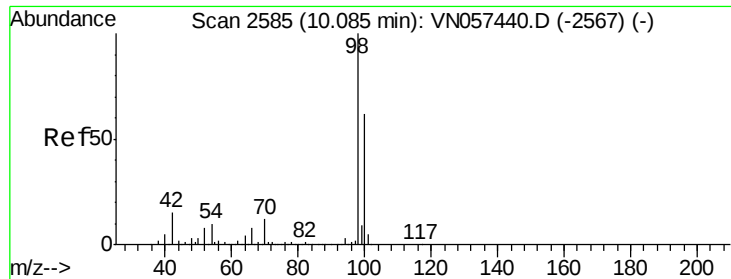
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.1	83.8	125.6
192	16.6	13.5	20.3



#43
 Isopropyl Acetate
 Concen: 4.953 ug/l
 RT: 8.16 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VN057539.D
 Acq: 27 Aug 2019 3:34

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.8	14.5	21.7
87	11.2	8.6	12.8





#50

Toluene-d8

Concen: 48.817 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057539.D

Acq: 27 Aug 2019 3:34

Instrument :

MSVOA_N

ClientSampleId :

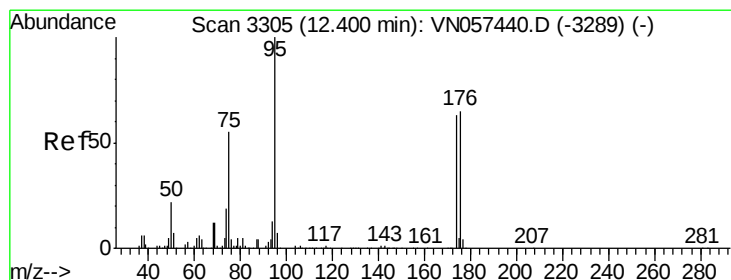
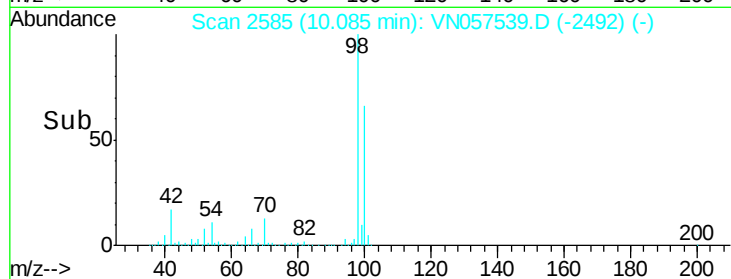
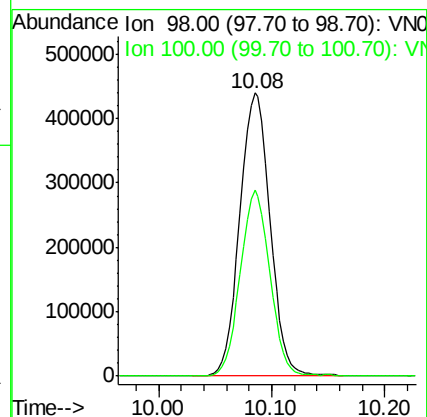
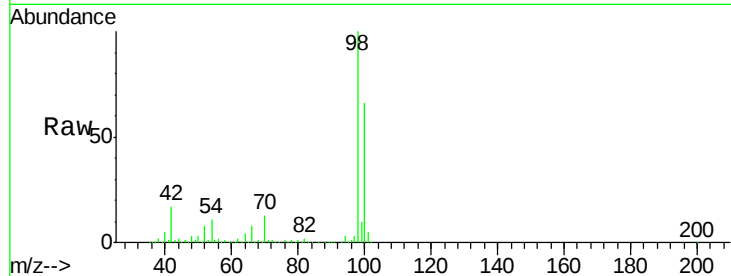
T9-12-13-G4-(1.9)

Tot Ion: 98 Resp: 824762

Ion Ratio Lower Upper

98 100

100 64.0 50.4 75.6



#62

4-Bromofluorobenzene

Concen: 39.543 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057539.D

Acq: 27 Aug 2019 3:34

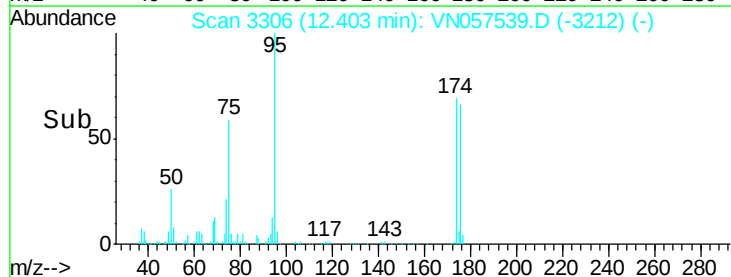
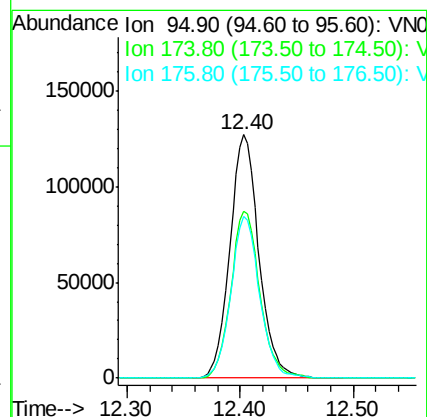
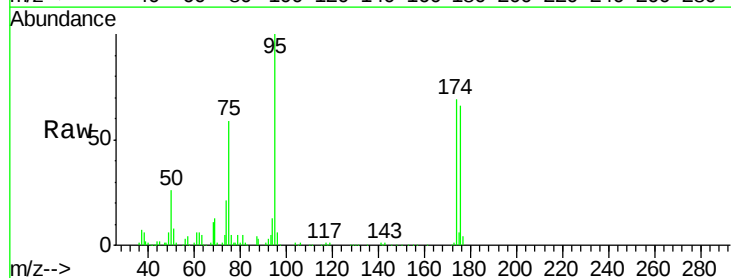
Tgt Ion: 95 Resp: 226400

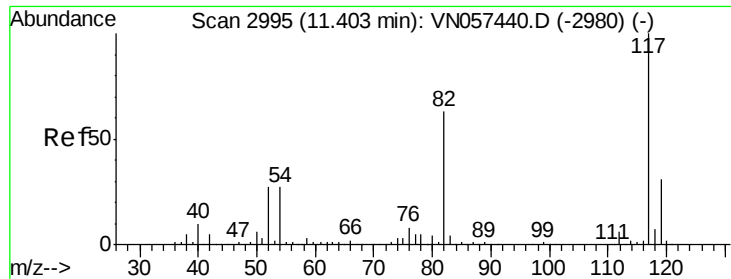
Ion Ratio Lower Upper

95 100

174 68.8 0.0 133.0

176 65.9 0.0 130.8

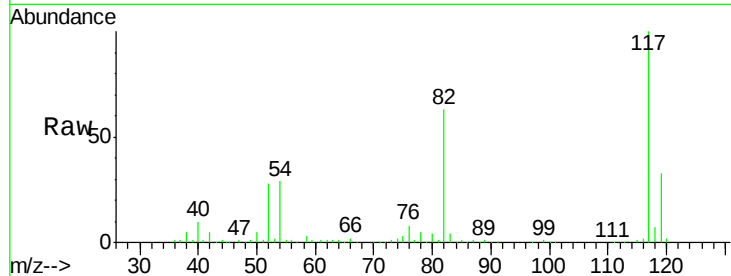




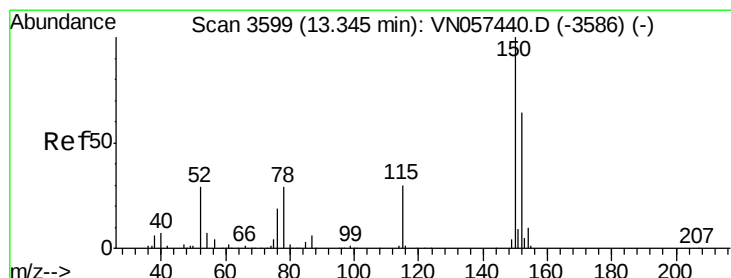
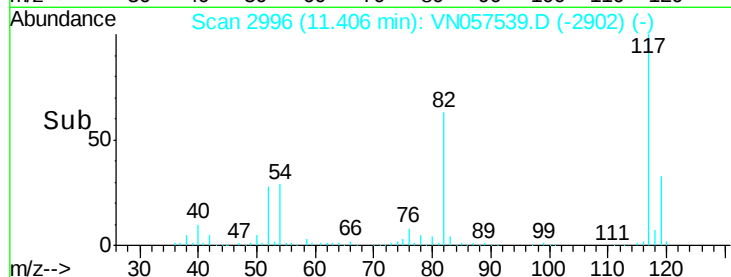
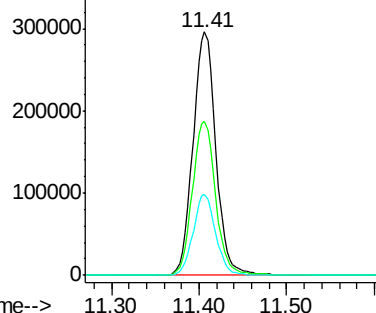
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057539.D
Acq: 27 Aug 2019 3:34

Instrument :
MSVOA_N
ClientSampleId :
T9-12-13-G4-(1.9)

Tot Ion:117 Resp: 538264
Ion Ratio Lower Upper
117 100
82 63.1 50.6 75.8
119 33.3 24.6 36.8

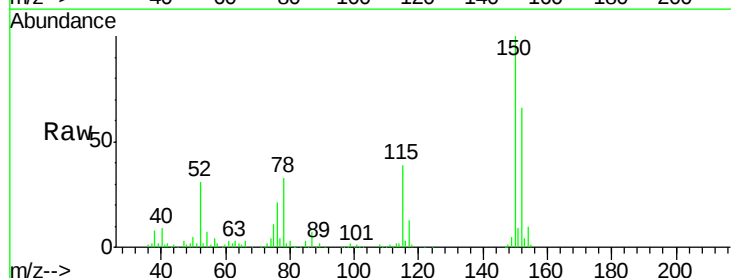


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN057539.D
Acq: 27 Aug 2019 3:34

Tgt Ion:152 Resp: 140606
Ion Ratio Lower Upper
152 100
115 62.5 32.0 96.0
150 155.0 0.0 346.6



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

