

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082419\
 Data File : VN057487.D
 Acq On : 23 Aug 2019 21:44
 Operator : JC/SP
 Sample : K4472-31
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T2-S3(0)

Quant Time: Aug 26 05:55:17 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

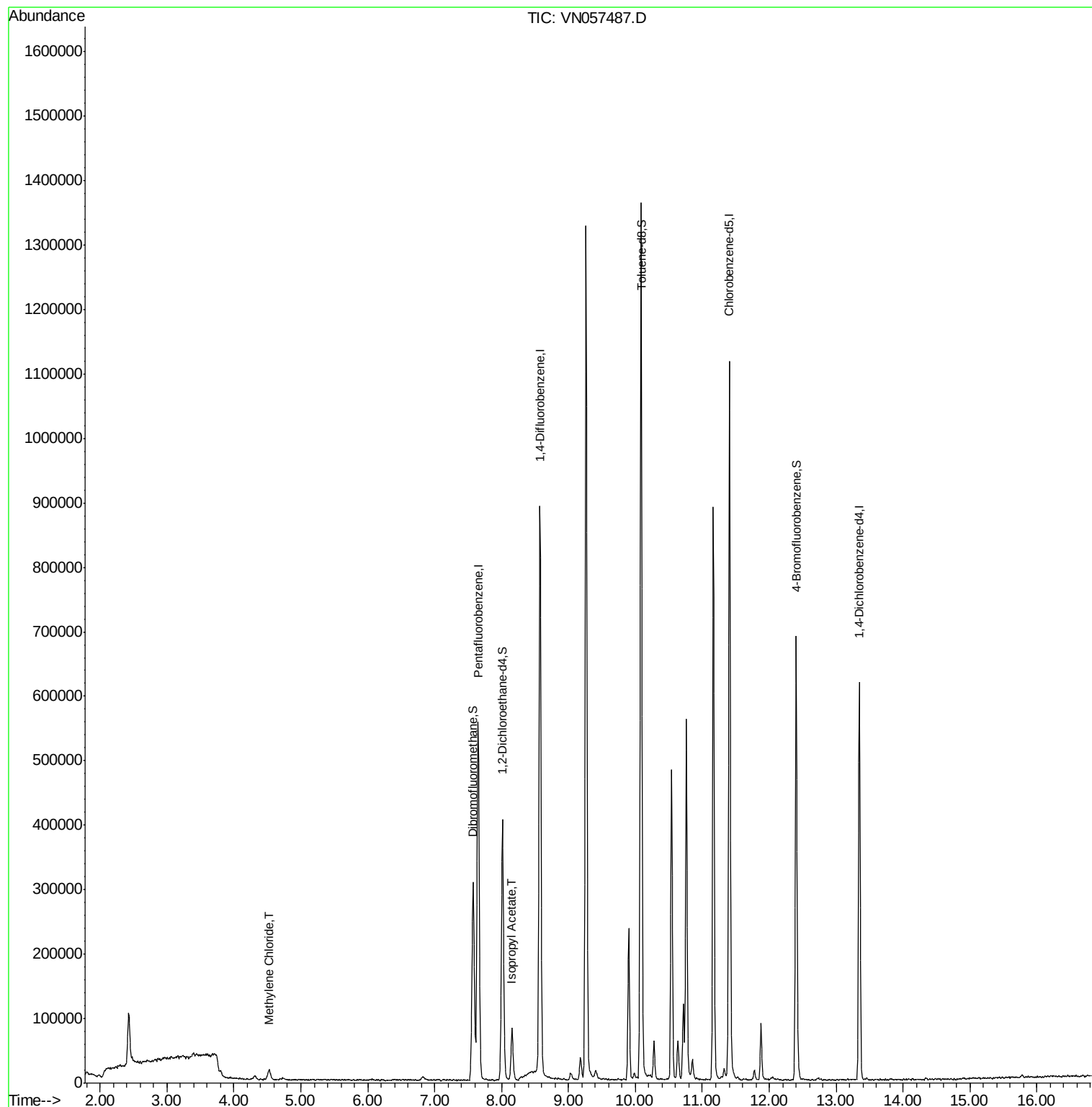
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	401847	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	697784	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	572610	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	146949	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	333091	47.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.24%	
35) Dibromofluoromethane	7.57	113	222350	47.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.36%	
50) Toluene-d8	10.08	98	880685	49.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.84%	
62) 4-Bromofluorobenzene	12.40	95	243887	40.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.76%	
Target Compounds						
20) Methylene Chloride	4.53	84	9360	1.873	ug/l #	90
43) Isopropyl Acetate	8.16	43	97200	7.524	ug/l	98

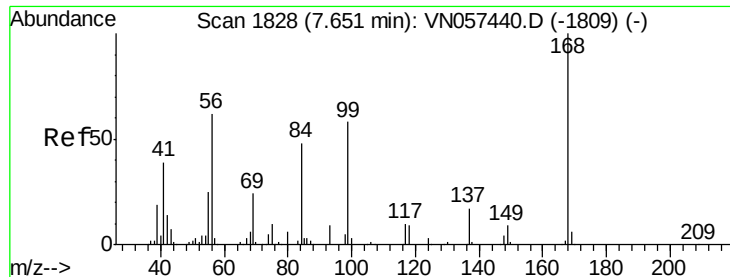
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN082419\
Data File : VN057487.D
Acq On : 23 Aug 2019 21:44
Operator : JC/SP
Sample : K4472-31
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
T2-S3(0)

Quant Time: Aug 26 05:55:17 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: VN057487.D

Acq: 23 Aug 2019 21:44

Instrument :

MSVOA_N

ClientSampleId :

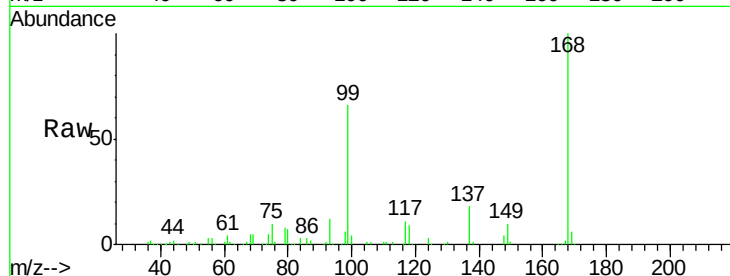
T2-S3(0)

Tot Ion:168 Resp: 401847

Ion Ratio Lower Upper

168 100

99 66.1 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

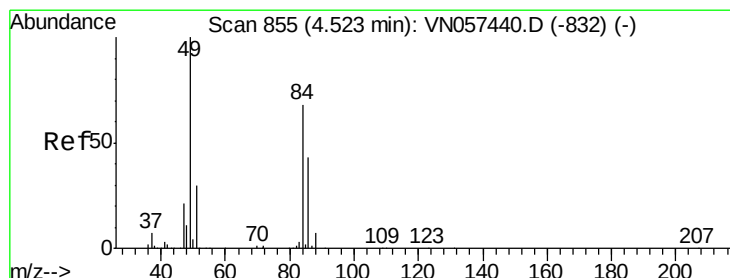
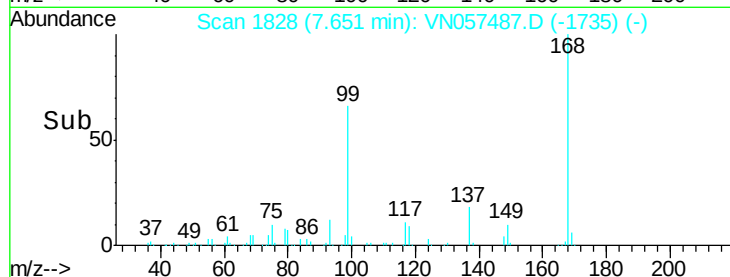
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 1.873 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN057487.D

Acq: 23 Aug 2019 21:44

Tgt Ion: 84 Resp: 9360

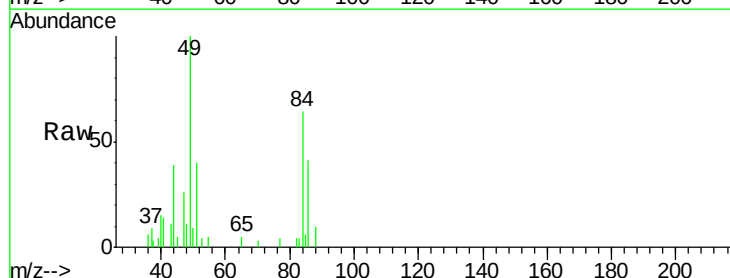
Ion Ratio Lower Upper

84 100

49 157.0 117.0 175.4

51 58.2 35.5 53.3#

86 65.0 49.8 74.8



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

4.53

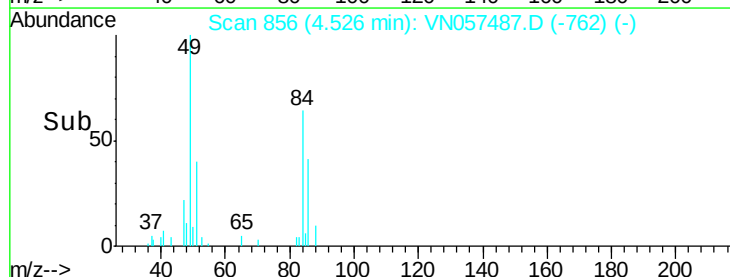
6000

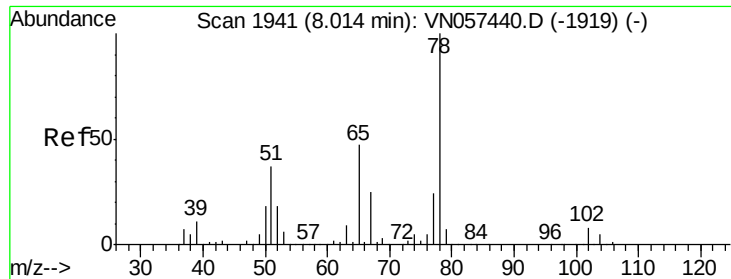
4000

2000

0

Time-->

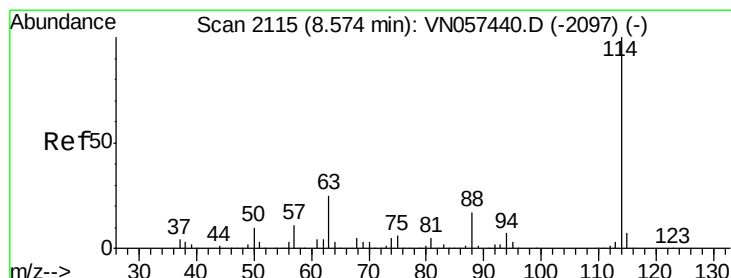
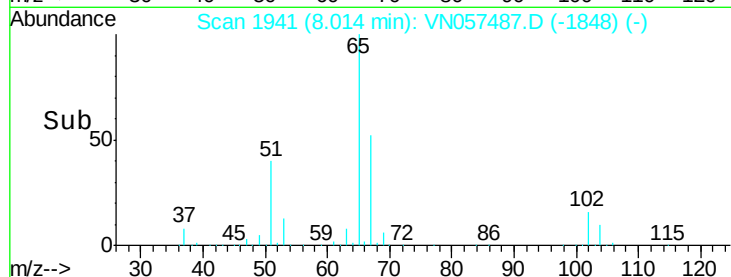
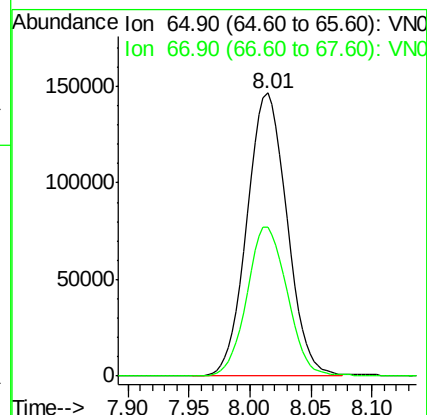
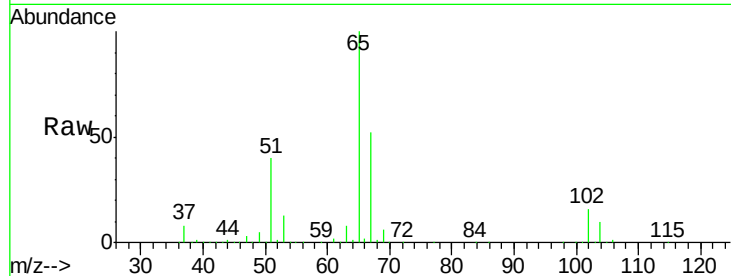




#33
 1,2-Dichloroethane-d4
 Concen: 47.120 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. -0.00 min
 Lab File: VN057487.D
 Acq: 23 Aug 2019 21:44

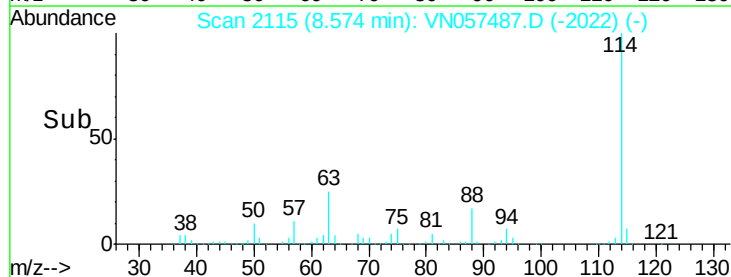
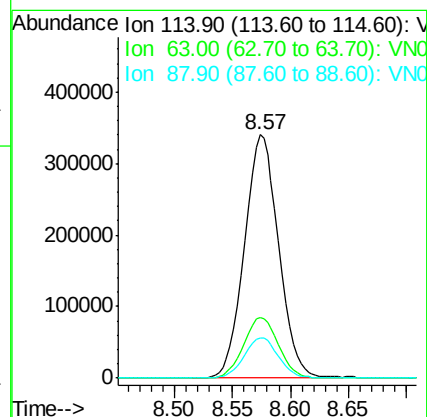
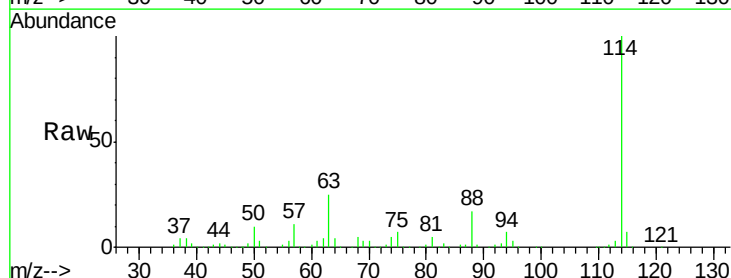
Instrument :
 MSVOA_N
 ClientSampleId :
 T2-S3(0)

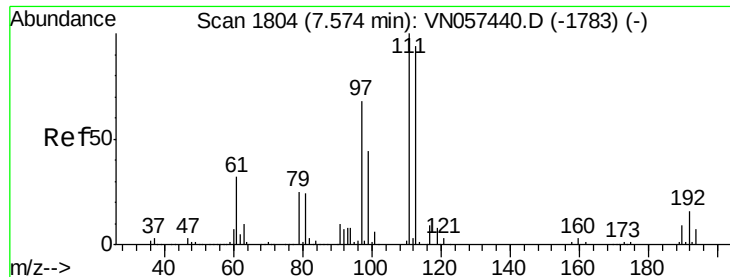
Tot Ion: 65 Resp: 333091
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN057487.D
 Acq: 23 Aug 2019 21:44

Tgt Ion: 114 Resp: 697784
 Ion Ratio Lower Upper
 114 100
 63 24.8 0.0 50.2
 88 16.7 0.0 34.6

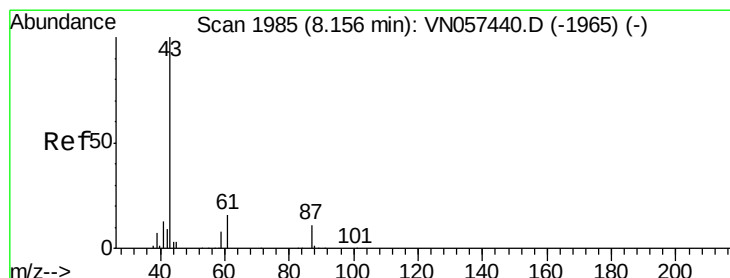
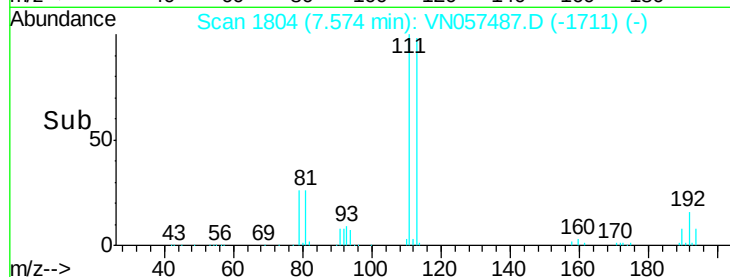
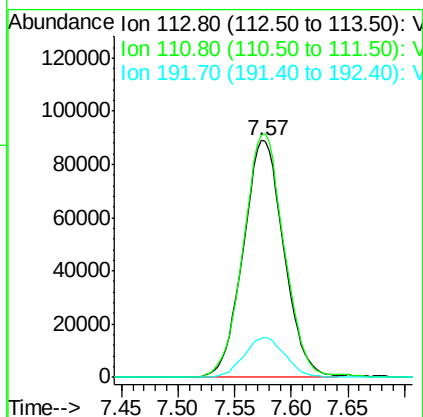
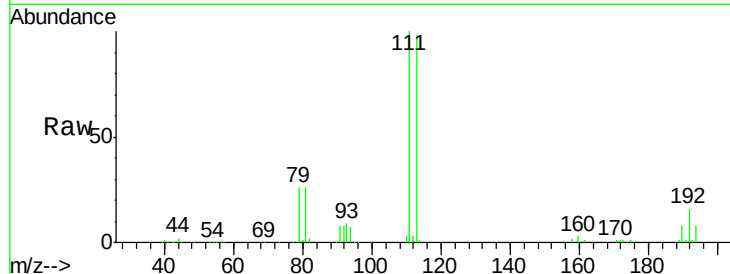




#35
 Dibromofluoromethane
 Concen: 47.176 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN057487.D
 Acq: 23 Aug 2019 21:44

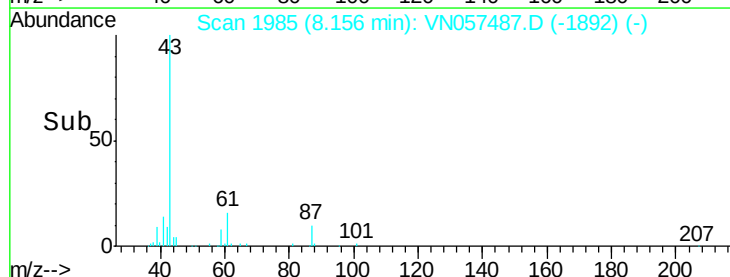
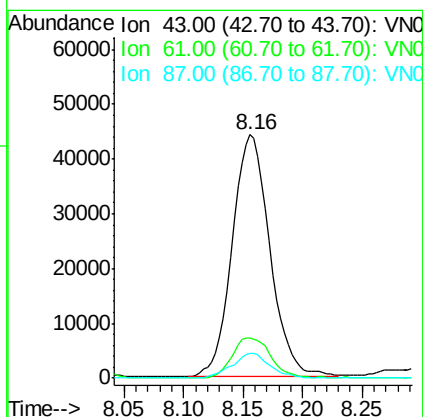
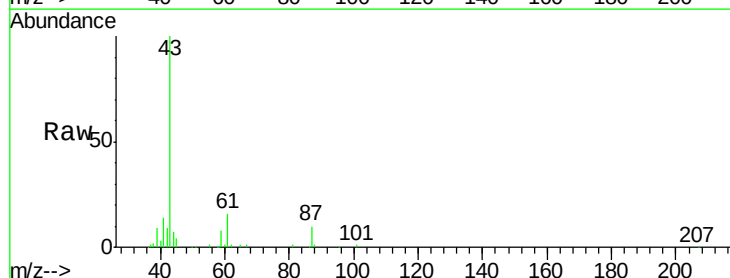
Instrument :
 MSVOA_N
 ClientSampleId :
 T2-S3(0)

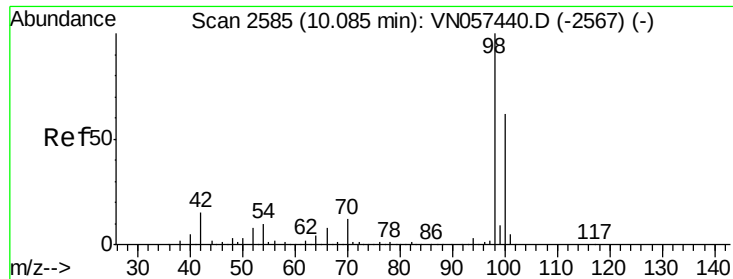
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.8	125.6
192	17.0	13.5	20.3



#43
 Isopropyl Acetate
 Concen: 7.524 ug/l
 RT: 8.16 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VN057487.D
 Acq: 23 Aug 2019 21:44

Tgt Ion	Ratio	Lower	Upper
43	100		
61	16.9	14.5	21.7
87	10.2	8.6	12.8





#50

Toluene-d8

Concen: 49.416 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057487.D

Acq: 23 Aug 2019 21:44

Instrument :

MSVOA_N

ClientSampled :

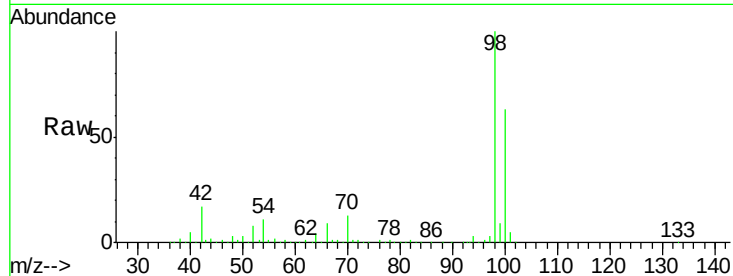
T2-S3(0)

Tot Ion: 98 Resp: 880685

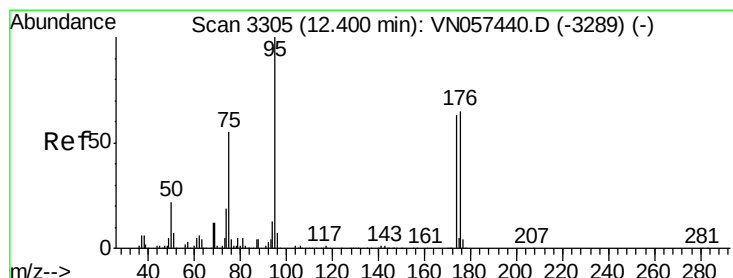
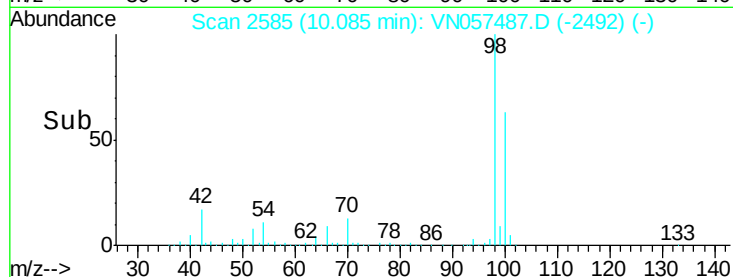
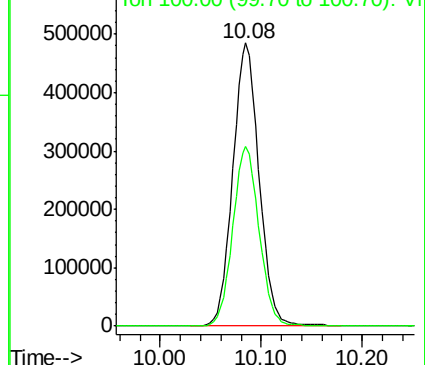
Ion Ratio Lower Upper

98 100

100 63.2 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN057440.D (-2567) (-)



#62

4-Bromofluorobenzene

Concen: 40.382 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057487.D

Acq: 23 Aug 2019 21:44

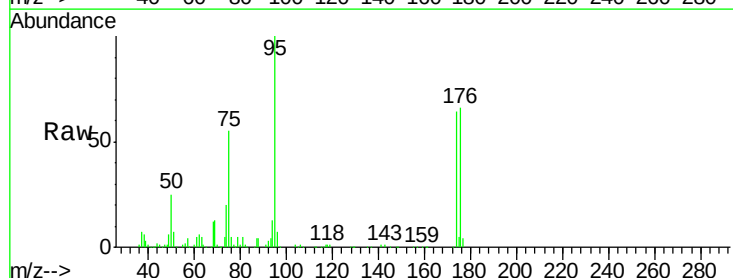
Tgt Ion: 95 Resp: 243887

Ion Ratio Lower Upper

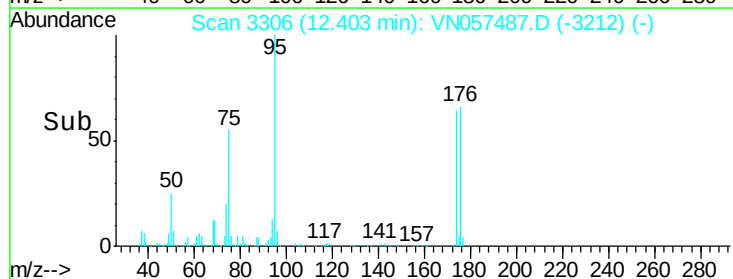
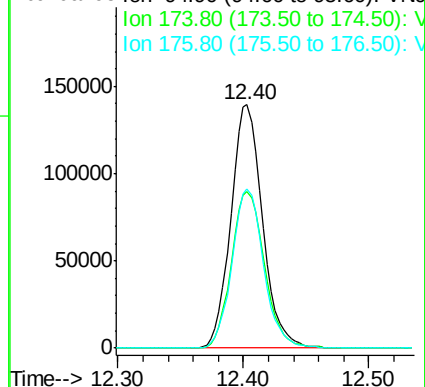
95 100

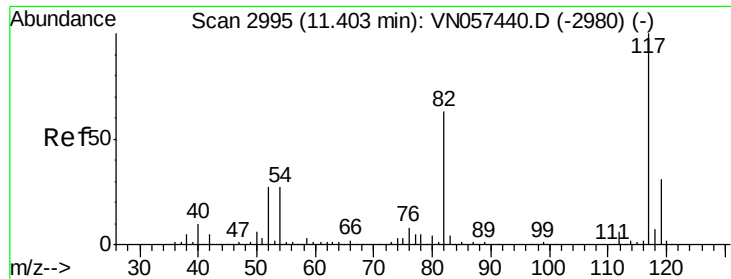
174 67.5 0.0 133.0

176 65.7 0.0 130.8



Abundance Ion 94.90 (94.60 to 95.60): VN057440.D (-3289) (-)

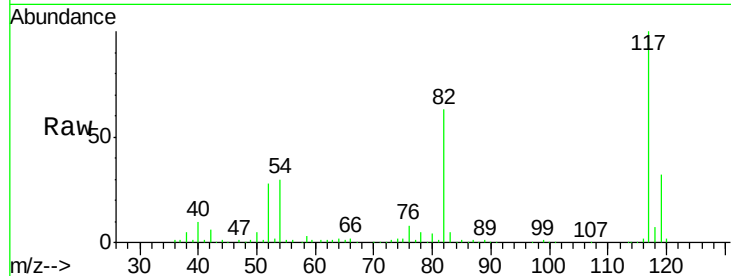




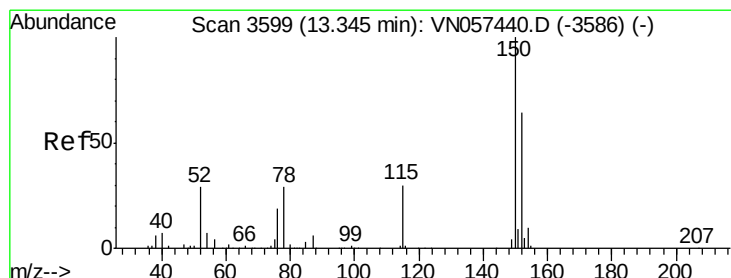
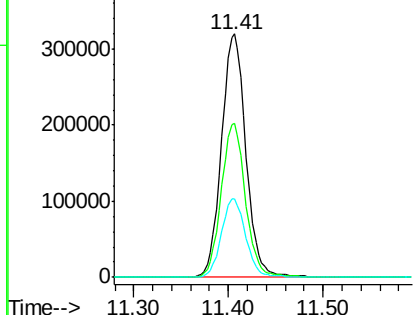
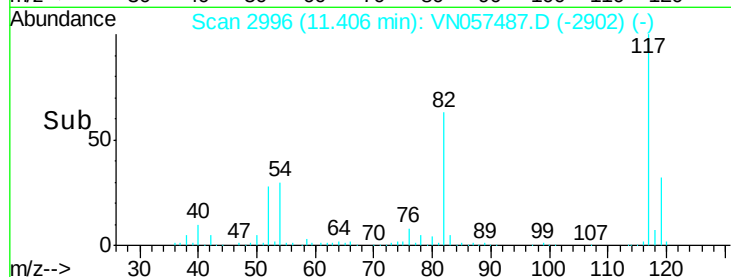
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. 0.00 min
 Lab File: VN057487.D
 Acq: 23 Aug 2019 21:44

Instrument :
 MSVOA_N
 ClientSampleId :
 T2-S3(0)

Tot Ion:117 Resp: 572610
 Ion Ratio Lower Upper
 117 100
 82 63.0 50.6 75.8
 119 32.1 24.6 36.8

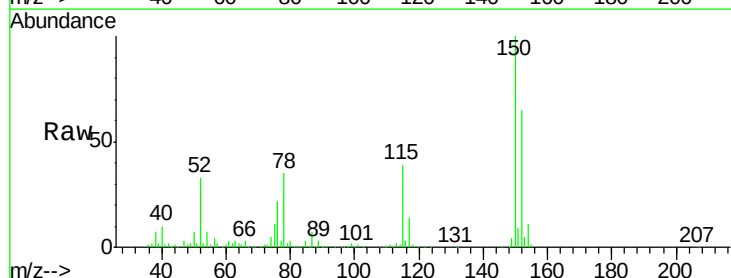


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): V
 Ion 118.90 (118.60 to 119.60): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3599
 Delta R.T. -0.00 min
 Lab File: VN057487.D
 Acq: 23 Aug 2019 21:44

Tgt Ion:152 Resp: 146949
 Ion Ratio Lower Upper
 152 100
 115 61.8 32.0 96.0
 150 154.9 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

