

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082419\
 Data File : VN057489.D
 Acq On : 23 Aug 2019 22:35
 Operator : JC/SP
 Sample : K4472-33
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T2-S4(0)

Quant Time: Aug 26 06:05:25 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

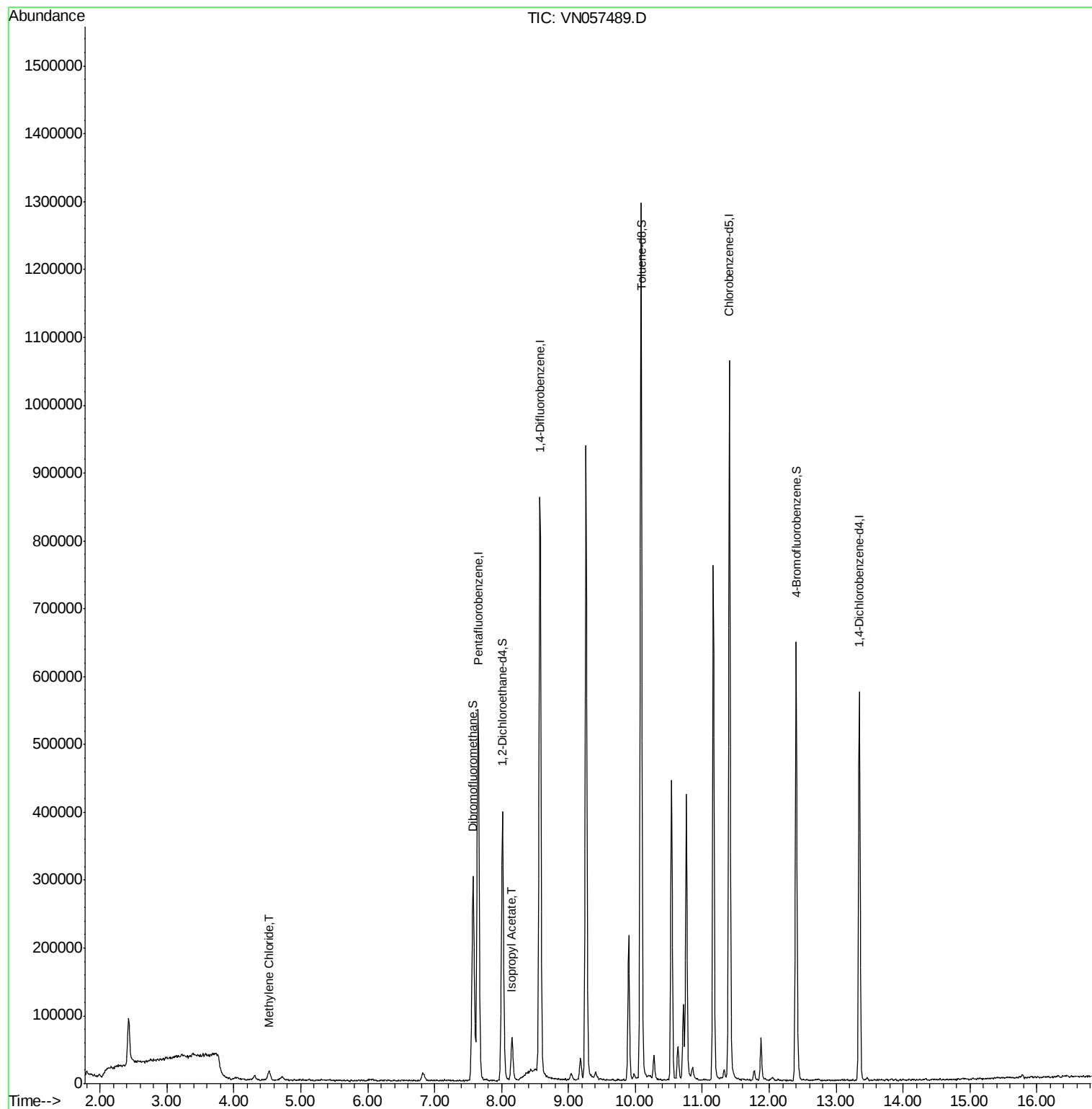
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	396715	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	685177	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	547502	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	133799	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	324496	46.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.00%	
35) Dibromofluoromethane	7.57	113	216943	46.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.76%	
50) Toluene-d8	10.09	98	855267	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
62) 4-Bromofluorobenzene	12.40	95	228760	38.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.14%	
Target Compounds						
20) Methylene Chloride	4.52	84	7621	1.531	ug/l #	78
43) Isopropyl Acetate	8.16	43	79094	6.235	ug/l	98

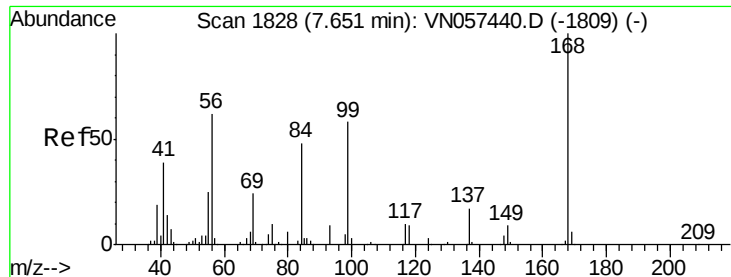
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN082419\
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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: VN057489.D

Acq: 23 Aug 2019 22:35

Instrument :

MSVOA_N

ClientSampleId :

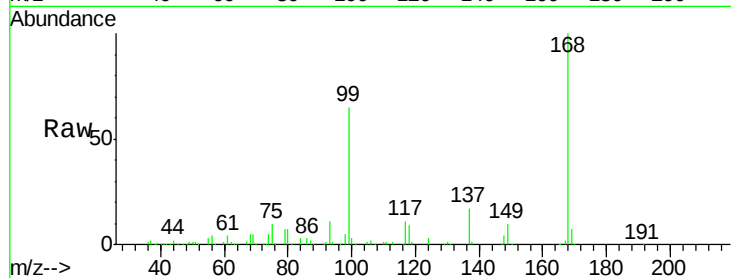
T2-S4(0)

Tot Ion:168 Resp: 396715

Ion Ratio Lower Upper

168 100

99 64.8 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

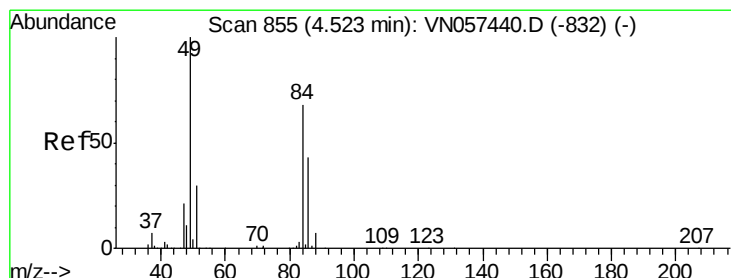
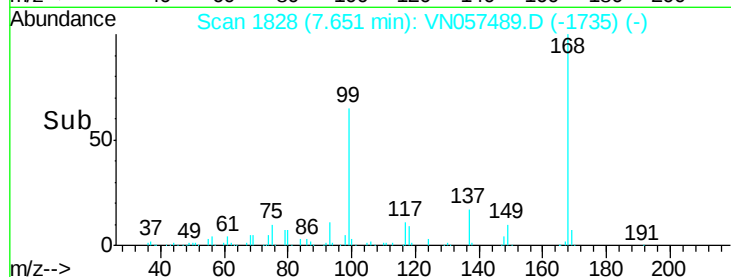
100000

50000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#20

Methylene Chloride

Concen: 1.531 ug/l

RT: 4.52 min Scan# 853

Delta R.T. -0.01 min

Lab File: VN057489.D

Acq: 23 Aug 2019 22:35

Tgt Ion: 84 Resp: 7621

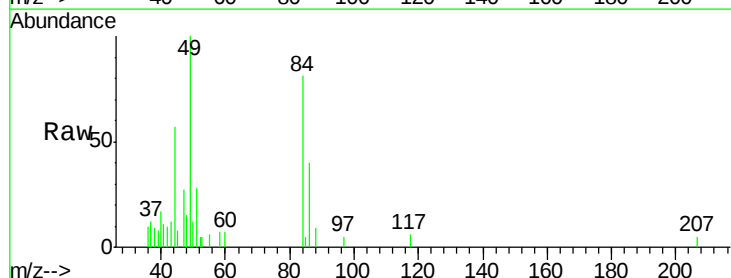
Ion Ratio Lower Upper

84 100

49 117.1 117.0 175.4

51 28.8 35.5 53.3#

86 49.5 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

4.52

6000

5000

4000

3000

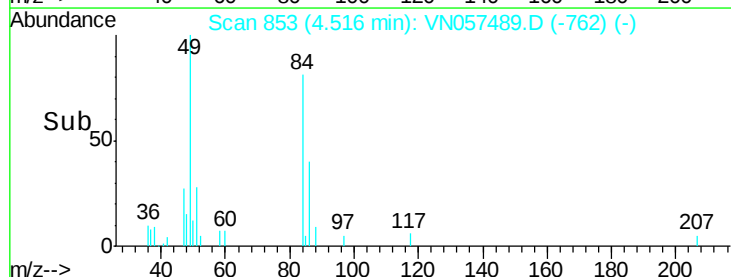
2000

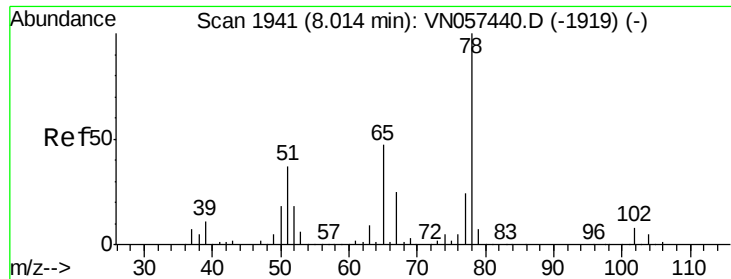
1000

0

4.45 4.50 4.55 4.60

Time-->





#33

1,2-Dichloroethane-d4

Concen: 46.498 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. -0.00 min

Lab File: VN057489.D

Acq: 23 Aug 2019 22:35

Instrument :

MSVOA_N

ClientSampleId :

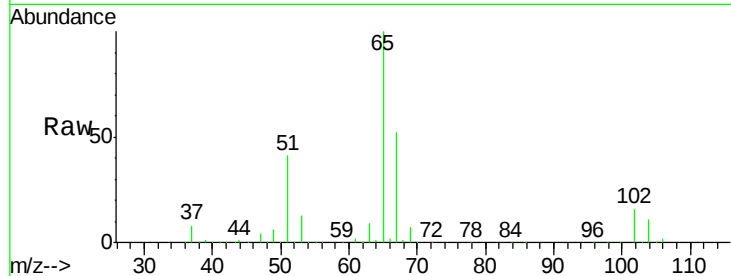
T2-S4(0)

Tot Ion: 65 Resp: 324496

Ion Ratio Lower Upper

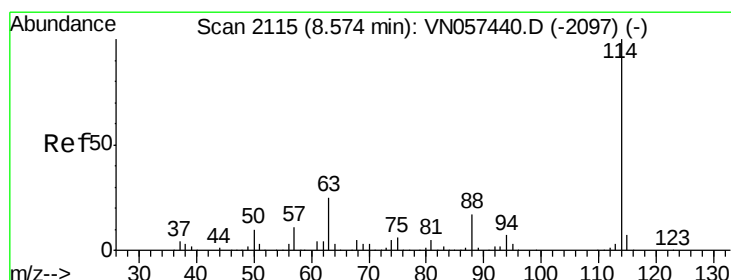
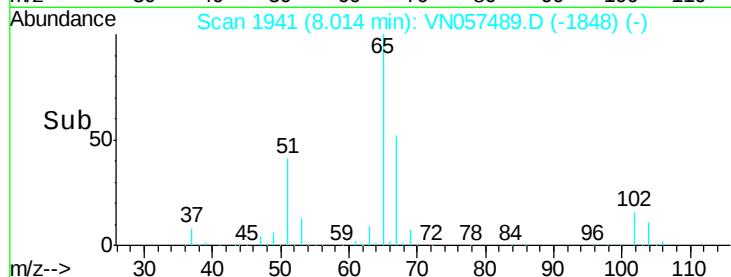
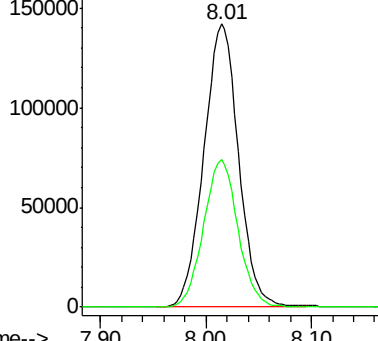
65 100

67 51.6 0.0 103.8



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: 8.57 min Scan# 2115

Delta R.T. -0.00 min

Lab File: VN057489.D

Acq: 23 Aug 2019 22:35

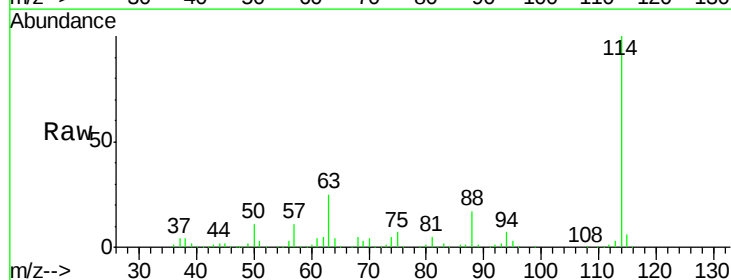
Tgt Ion: 114 Resp: 685177

Ion Ratio Lower Upper

114 100

63 25.4 0.0 50.2

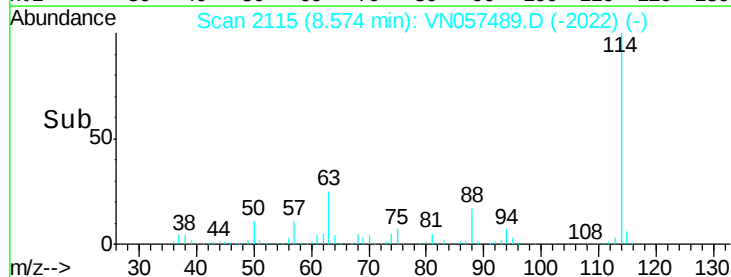
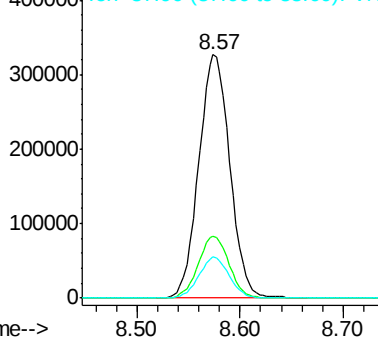
88 16.8 0.0 34.6

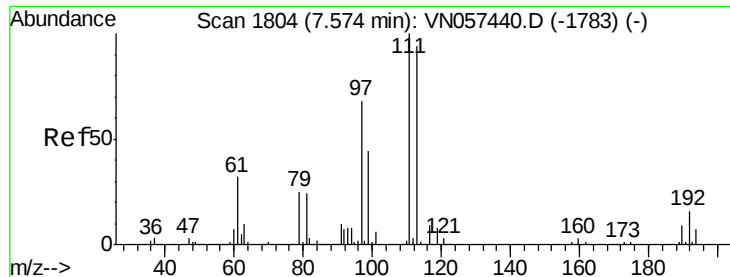


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

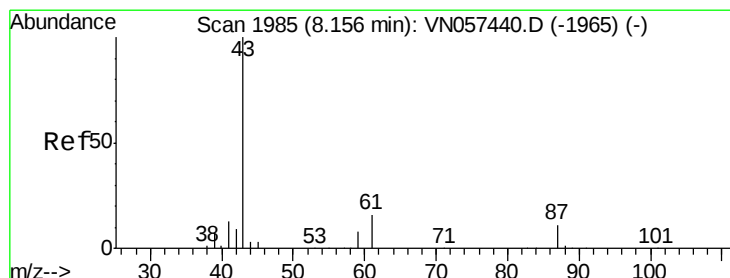
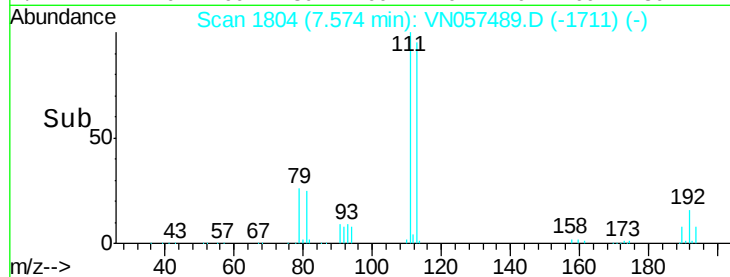
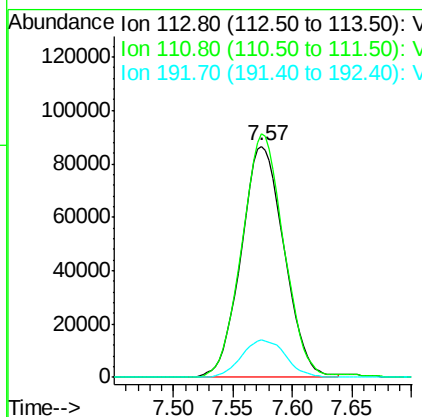
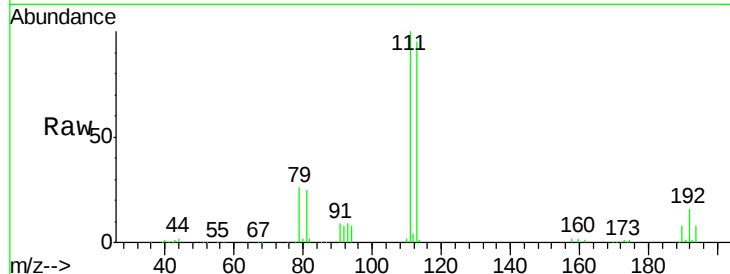




#35
 Dibromofluoromethane
 Concen: 46.875 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN057489.D
 Acq: 23 Aug 2019 22:35

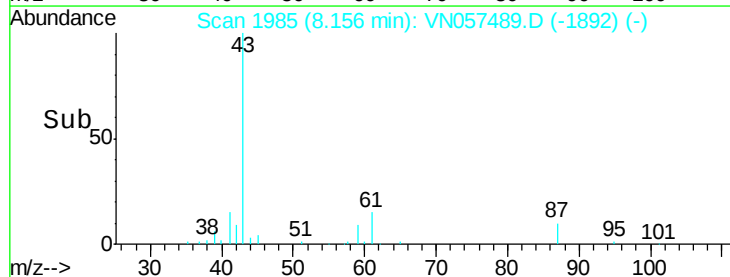
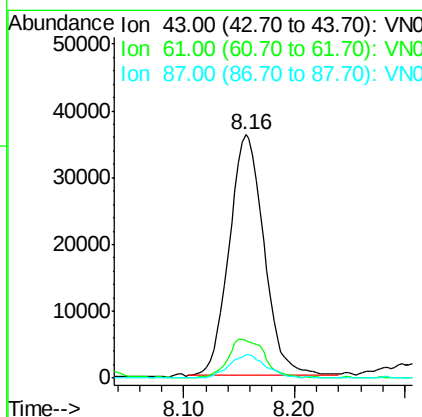
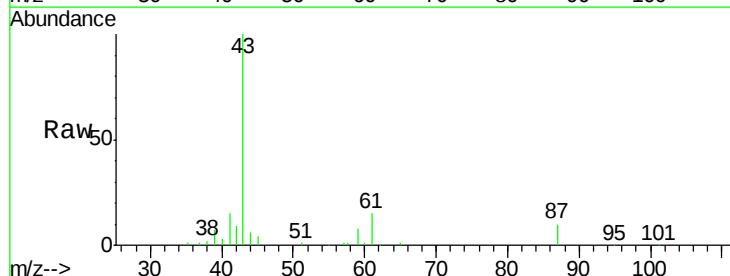
Instrument :
 MSVOA_N
 ClientSampleId :
 T2-S4(0)

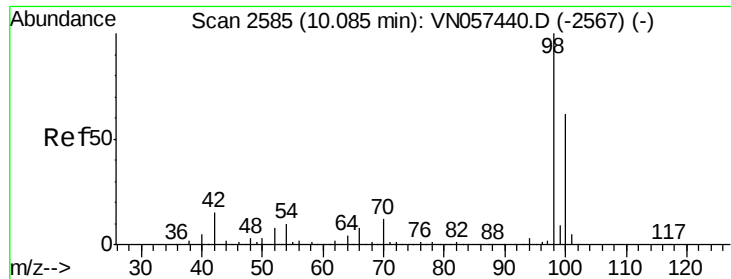
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.8	125.6
192	16.6	13.5	20.3



#43
 Isopropyl Acetate
 Concen: 6.235 ug/l
 RT: 8.16 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VN057489.D
 Acq: 23 Aug 2019 22:35

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.0	14.5	21.7
87	10.1	8.6	12.8





#50

Toluene-d8

Concen: 48.873 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057489.D

Acq: 23 Aug 2019 22:35

Instrument :

MSVOA_N

ClientSampled :

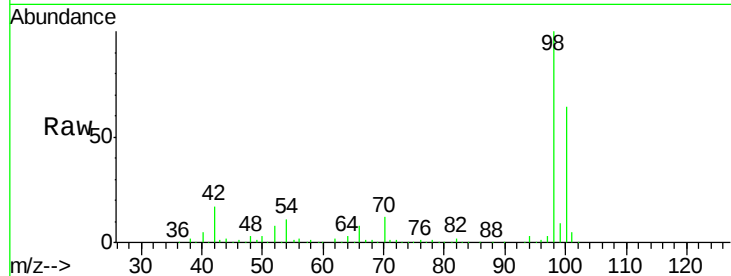
T2-S4(0)

Tot Ion: 98 Resp: 855267

Ion Ratio Lower Upper

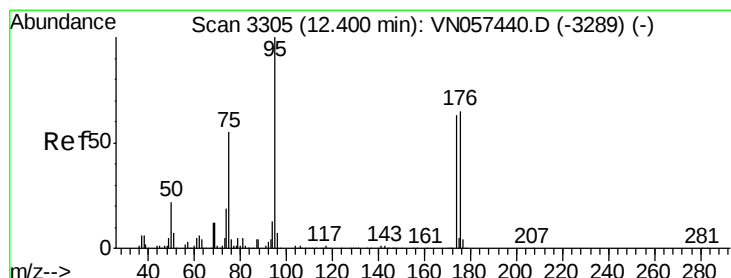
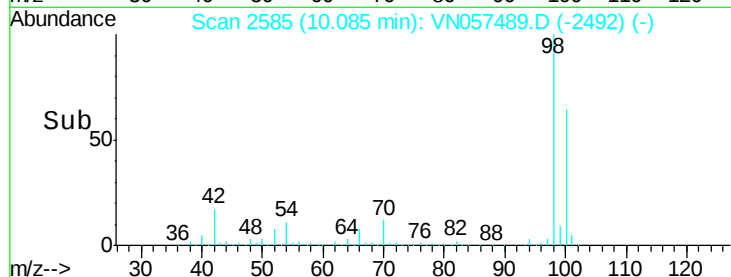
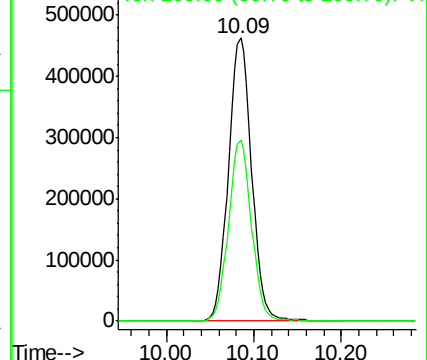
98 100

100 63.2 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 38.574 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057489.D

Acq: 23 Aug 2019 22:35

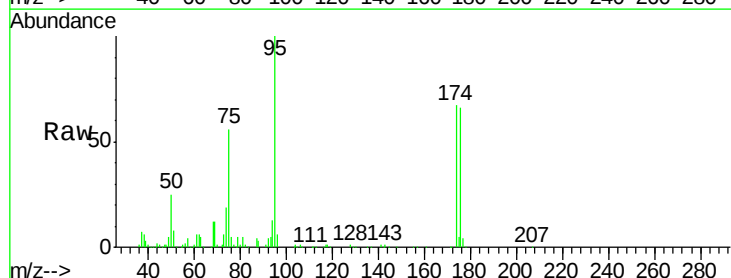
Tgt Ion: 95 Resp: 228760

Ion Ratio Lower Upper

95 100

174 68.7 0.0 133.0

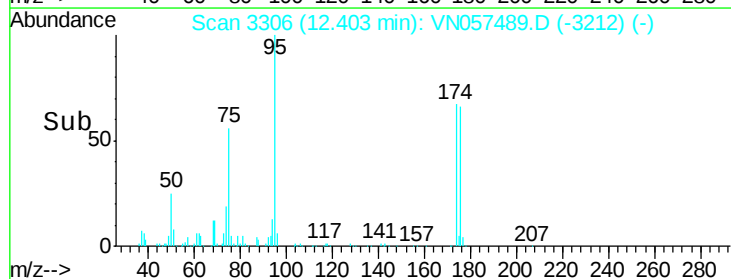
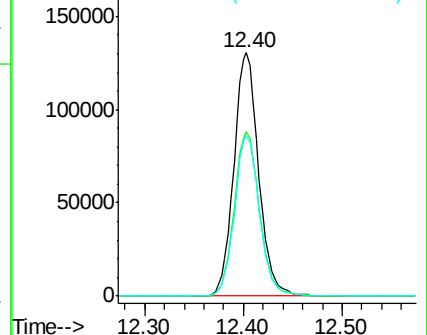
176 66.5 0.0 130.8

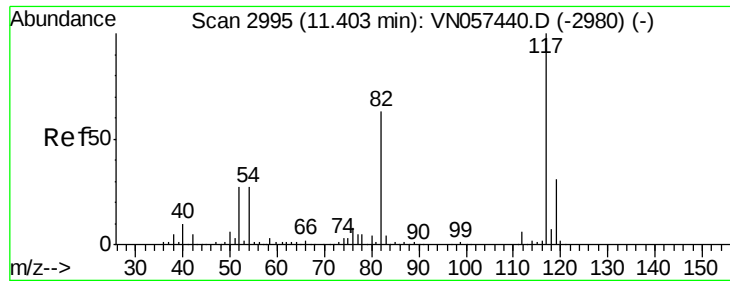


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

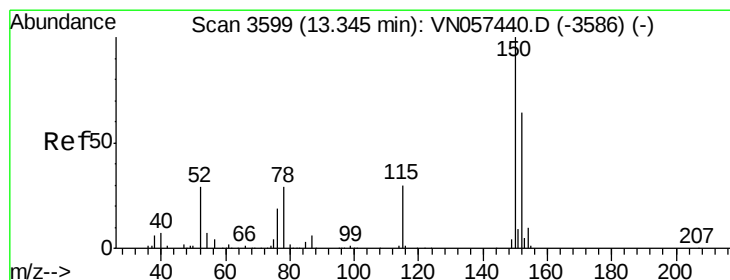
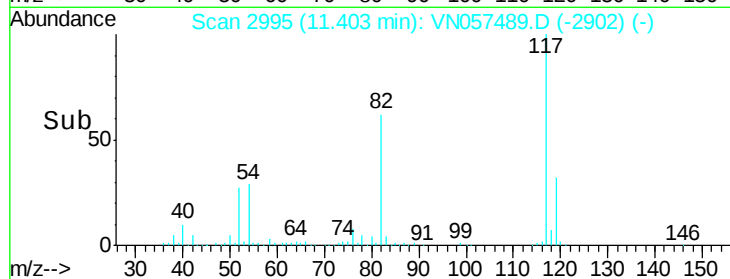
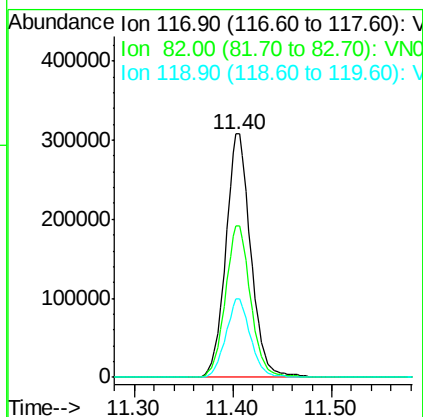
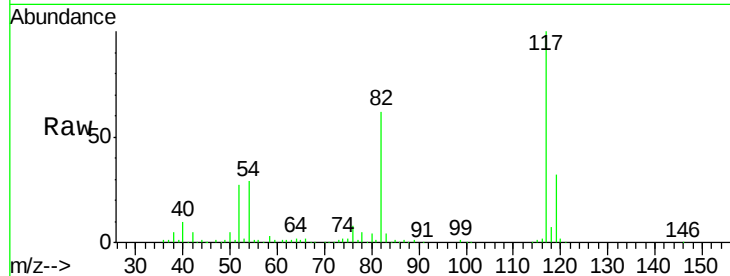




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN057489.D
Acq: 23 Aug 2019 22:35

Instrument :
MSVOA_N
ClientSampleId :
T2-S4(0)

Tot Ion:117 Resp: 547502
Ion Ratio Lower Upper
117 100
82 62.3 50.6 75.8
119 32.1 24.6 36.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN057489.D
Acq: 23 Aug 2019 22:35

Tgt Ion:152 Resp: 133799
Ion Ratio Lower Upper
152 100
115 63.5 32.0 96.0
150 161.4 0.0 346.6

