

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082419\
 Data File : VN057479.D
 Acq On : 23 Aug 2019 18:20
 Operator : JC/SP
 Sample : K4472-23
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T1-S2(0)

Quant Time: Aug 26 05:32:52 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

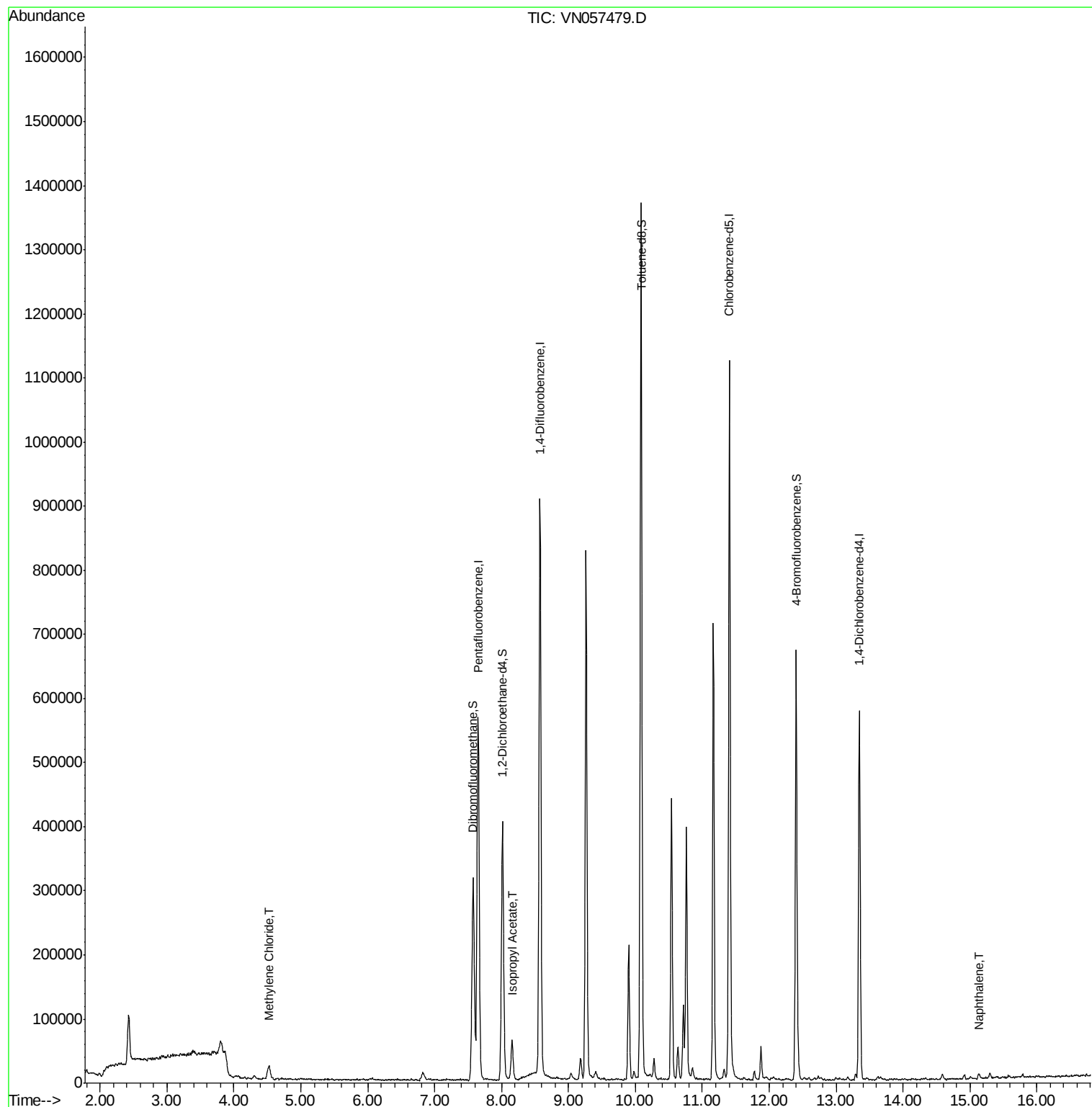
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	415972	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	724238	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	578808	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	138523	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	334518	45.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.44%	
35) Dibromofluoromethane	7.57	113	228778	46.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.54%	
50) Toluene-d8	10.08	98	897915	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	
62) 4-Bromofluorobenzene	12.40	95	240402	38.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.70%	
Target Compounds						
20) Methylene Chloride	4.53	84	14645	2.869	ug/l	86
43) Isopropyl Acetate	8.16	43	75393	5.623	ug/l	100
95) Naphthalene	15.14	128	6016	5.336	ug/l #	92

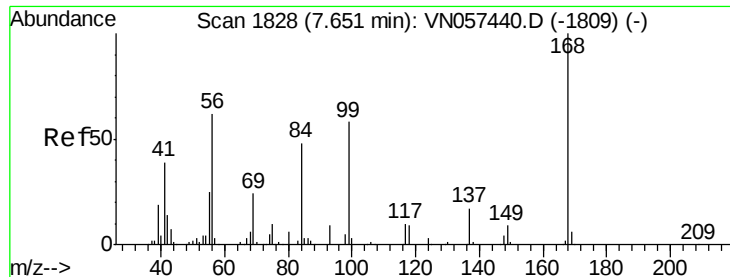
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN082419\
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Quant Time: Aug 26 05:32:52 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: VN057479.D

Acq: 23 Aug 2019 18:20

Instrument :

MSVOA_N

ClientSampleId :

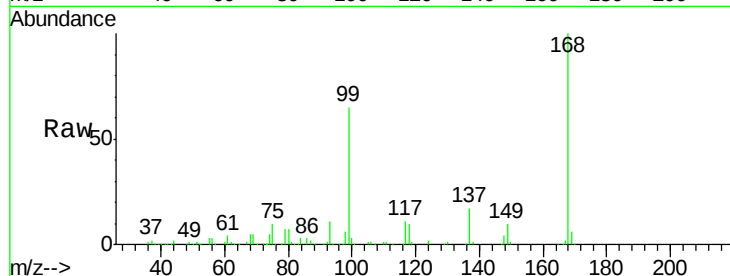
T1-S2(0)

Tot Ion:168 Resp: 415972

Ion Ratio Lower Upper

168 100

99 64.7 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

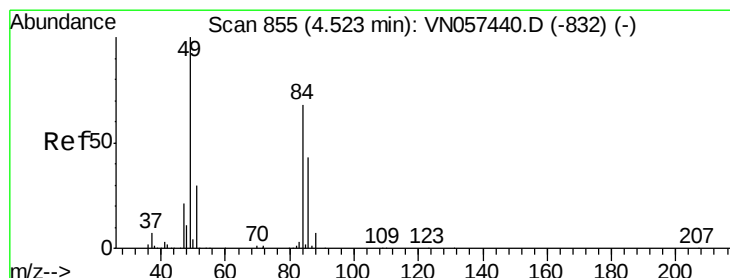
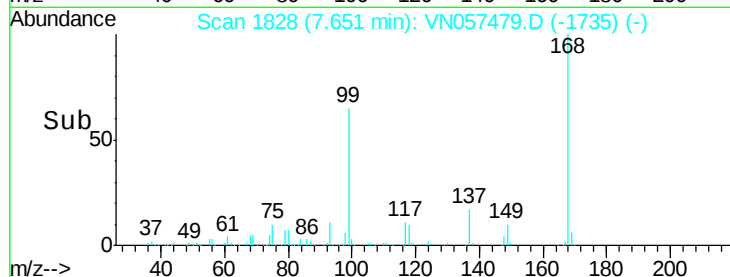
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 2.869 ug/l

RT: 4.53 min Scan# 857

Delta R.T. 0.01 min

Lab File: VN057479.D

Acq: 23 Aug 2019 18:20

Tgt Ion: 84 Resp: 14645

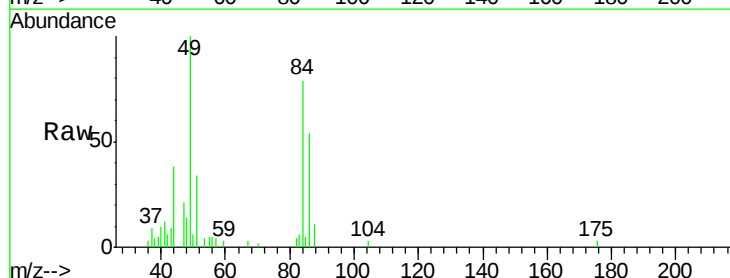
Ion Ratio Lower Upper

84 100

49 122.0 117.0 175.4

51 42.8 35.5 53.3

86 68.5 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

4.53

8000

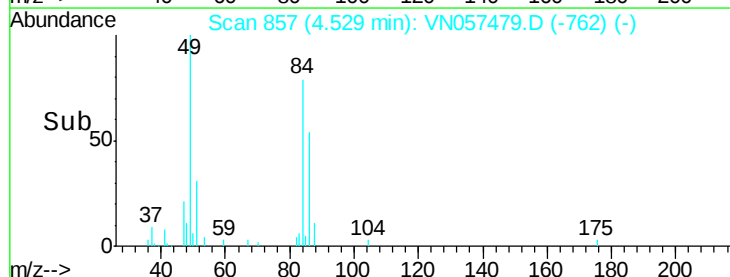
6000

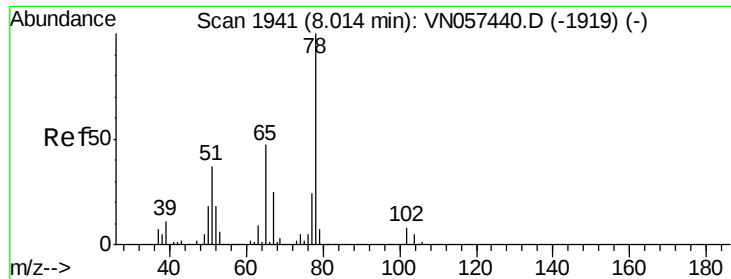
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 45.715 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. -0.00 min

Lab File: VN057479.D

Acq: 23 Aug 2019 18:20

Instrument :

MSVOA_N

ClientSampleId :

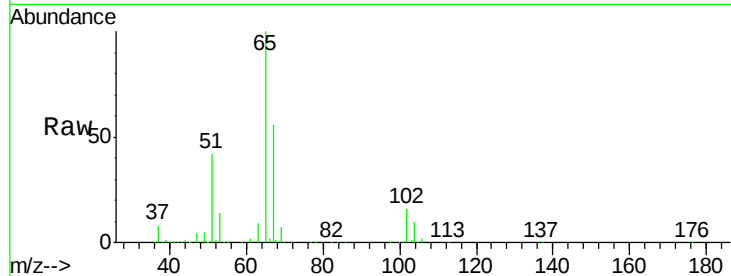
T1-S2(0)

Tot Ion: 65 Resp: 334518

Ion Ratio Lower Upper

65 100

67 52.8 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN057440.D (-1919) (-)

Ion 66.90 (66.60 to 67.60): VN057440.D (-1919) (-)

8.01

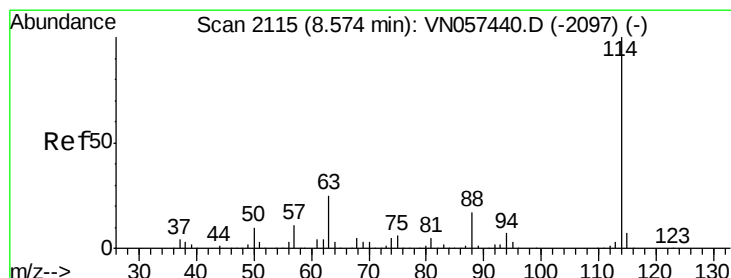
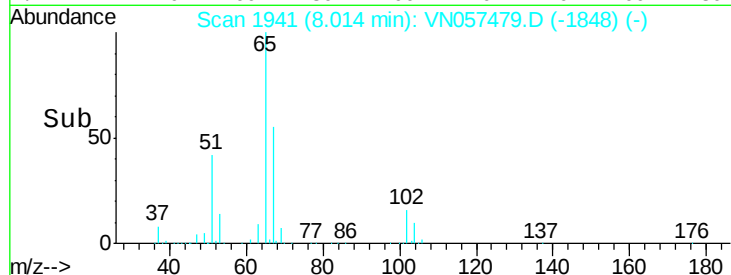
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. -0.00 min

Lab File: VN057479.D

Acq: 23 Aug 2019 18:20

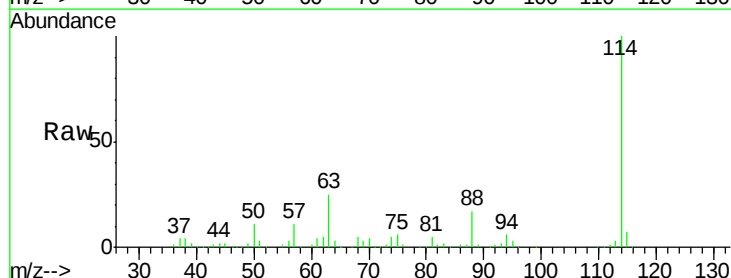
Tgt Ion: 114 Resp: 724238

Ion Ratio Lower Upper

114 100

63 24.9 0.0 50.2

88 16.7 0.0 34.6



Abundance Ion 113.90 (113.60 to 114.60): VN057440.D (-2097) (-)

Ion 63.00 (62.70 to 63.70): VN057440.D (-2097) (-)

Ion 87.90 (87.60 to 88.60): VN057440.D (-2097) (-)

8.57

400000

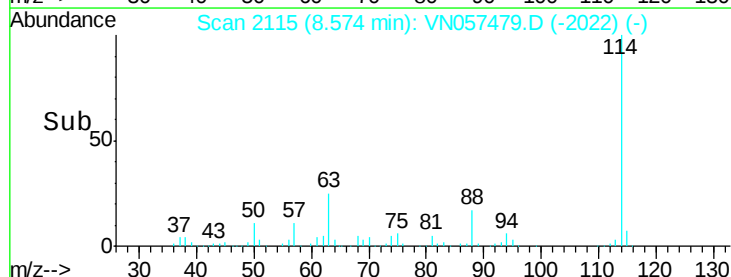
300000

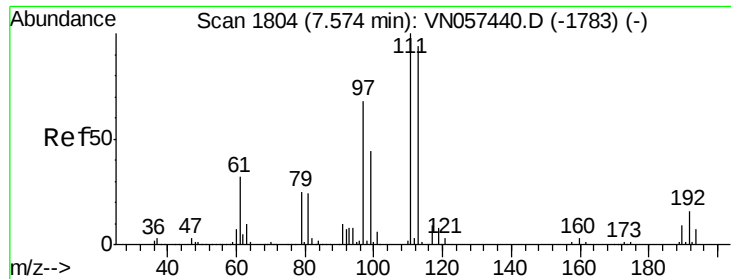
200000

100000

0

Time-->

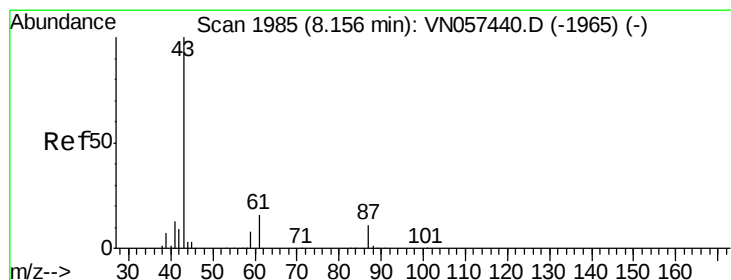
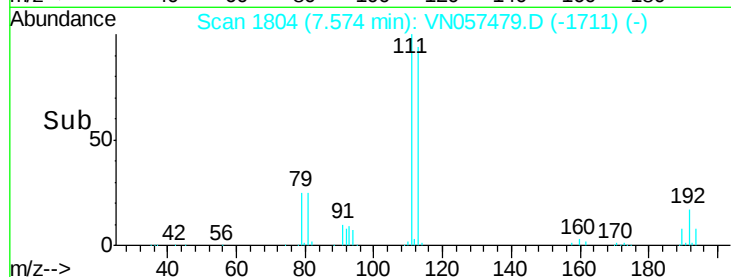
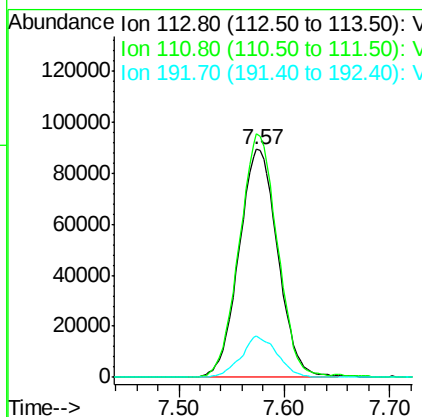
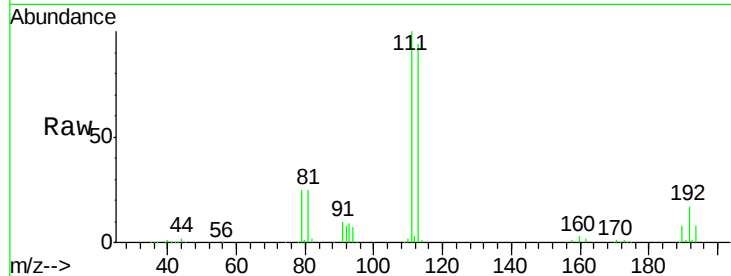




#35
 Dibromofluoromethane
 Concen: 46.767 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN057479.D
 Acq: 23 Aug 2019 18:20

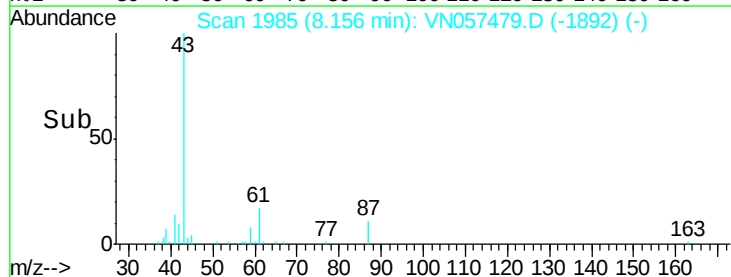
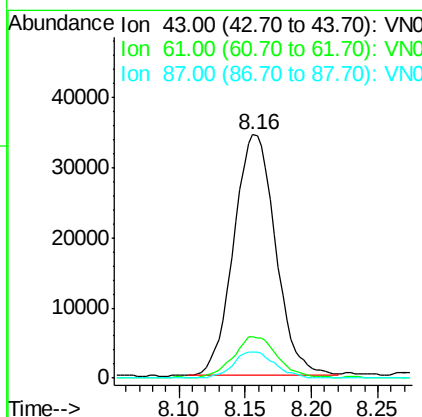
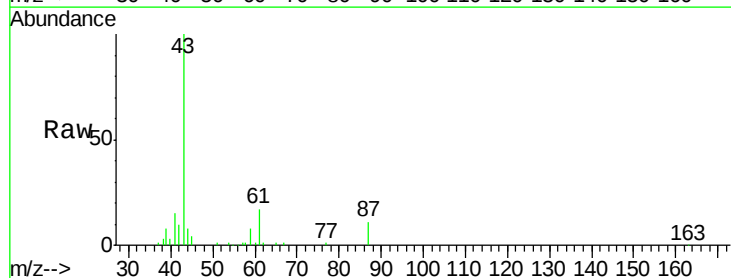
Instrument :
 MSVOA_N
 ClientSampleId :
 T1-S2(0)

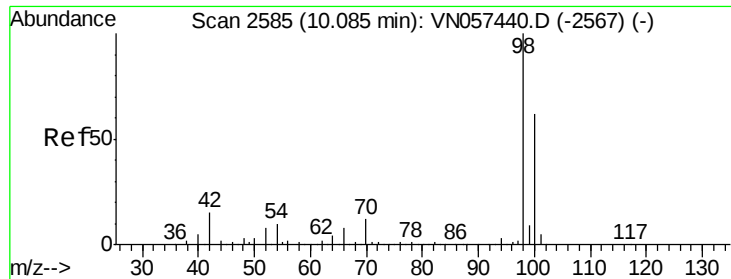
Tot Ion:113 Resp: 228778
 Ion Ratio Lower Upper
 113 100
 111 104.6 83.8 125.6
 192 17.1 13.5 20.3



#43
 Isopropyl Acetate
 Concen: 5.623 ug/l
 RT: 8.16 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VN057479.D
 Acq: 23 Aug 2019 18:20

Tgt Ion: 43 Resp: 75393
 Ion Ratio Lower Upper
 43 100
 61 18.2 14.5 21.7
 87 10.8 8.6 12.8





#50

Toluene-d8

Concen: 48.543 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057479.D

Acq: 23 Aug 2019 18:20

Instrument :

MSVOA_N

ClientSampled :

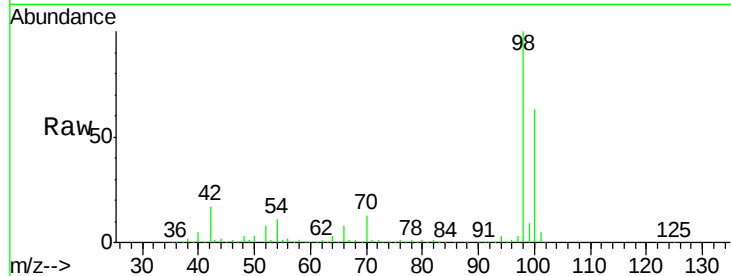
T1-S2(0)

Tot Ion: 98 Resp: 897915

Ion Ratio Lower Upper

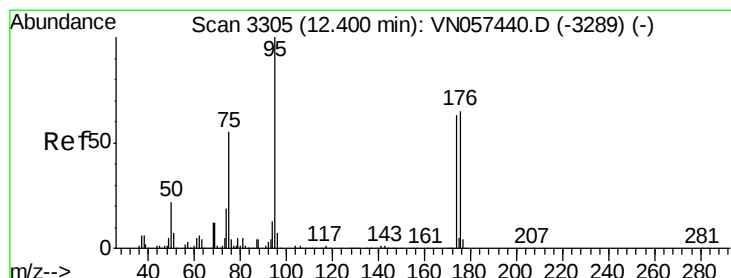
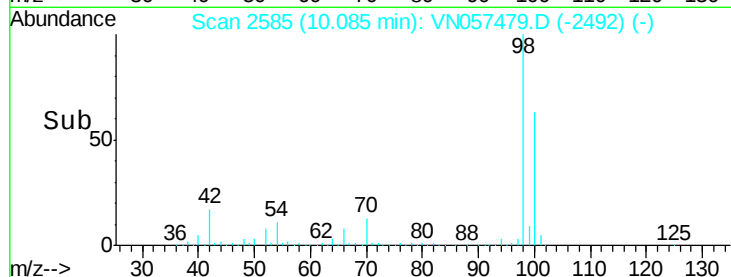
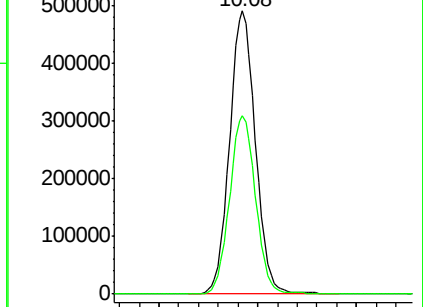
98 100

100 63.4 50.4 75.6



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

Ion 100.00 (99.70 to 100.70): VN057440.D (-2567) (-)



#62

4-Bromofluorobenzene

Concen: 38.351 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057479.D

Acq: 23 Aug 2019 18:20

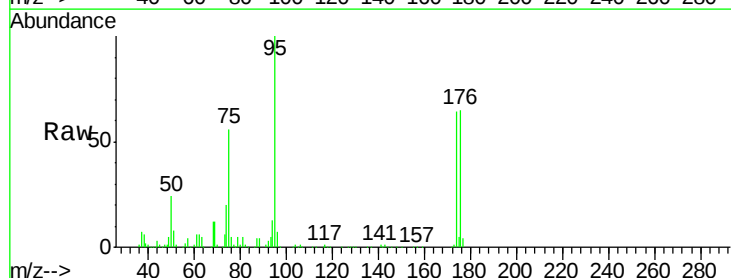
Tgt Ion: 95 Resp: 240402

Ion Ratio Lower Upper

95 100

174 66.3 0.0 133.0

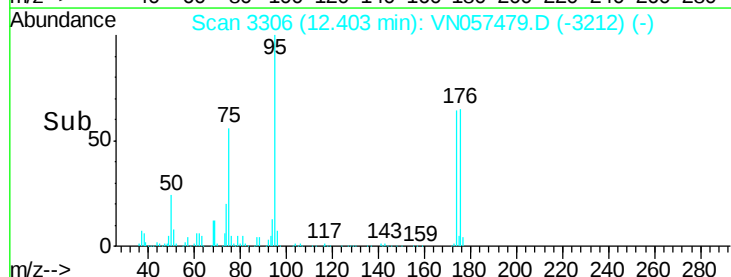
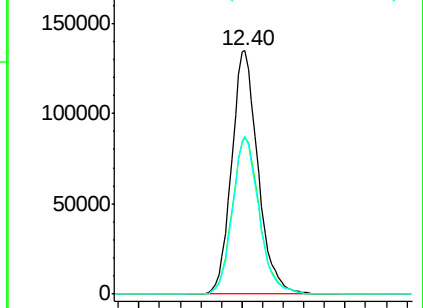
176 64.8 0.0 130.8

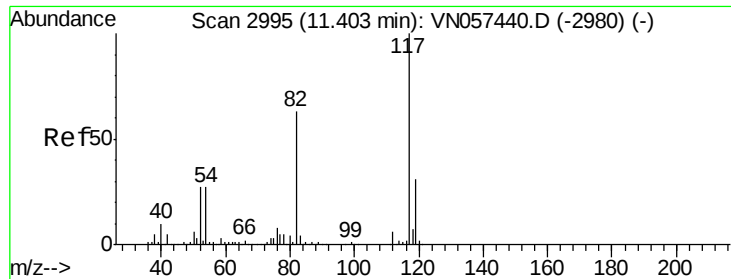


Abundance Ion 94.90 (94.60 to 95.60): VN057440.D (-3289) (-)

Ion 173.80 (173.50 to 174.50): VN057440.D (-3289) (-)

Ion 175.80 (175.50 to 176.50): VN057440.D (-3289) (-)

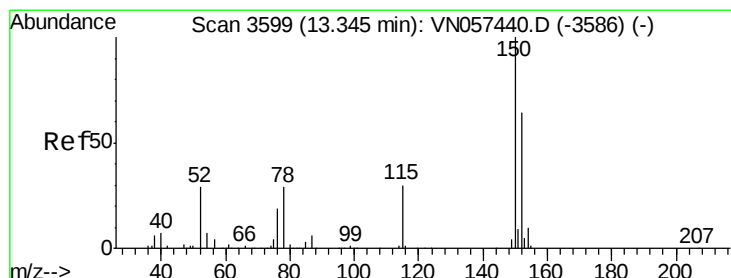
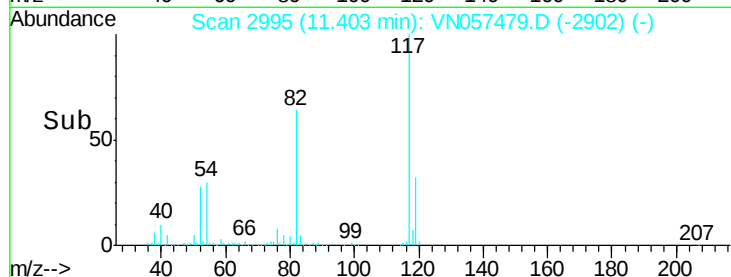
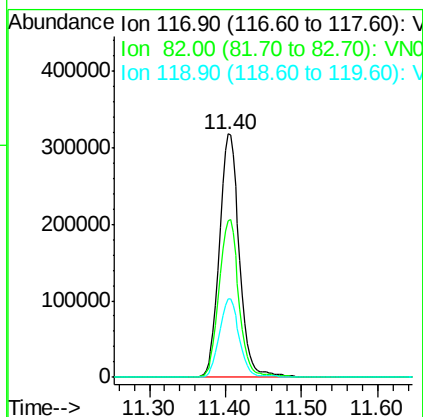
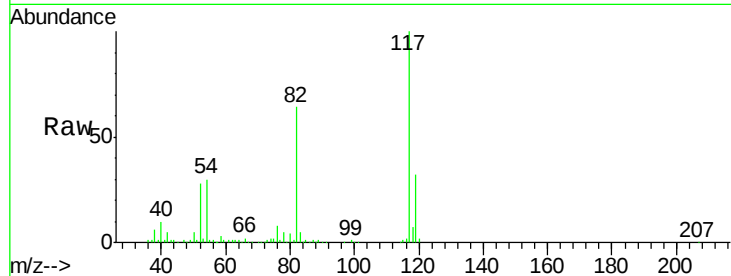




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN057479.D
Acq: 23 Aug 2019 18:20

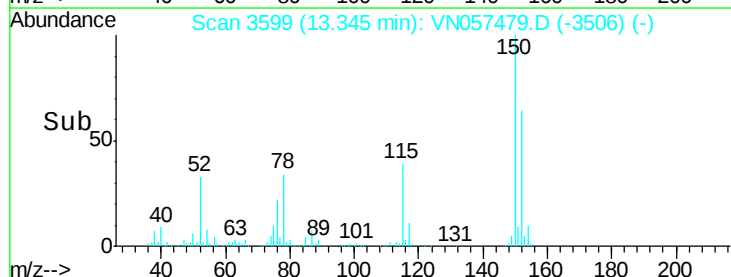
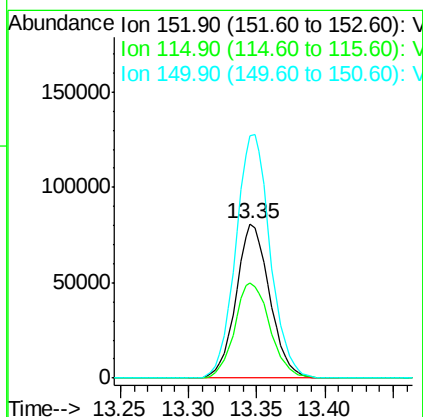
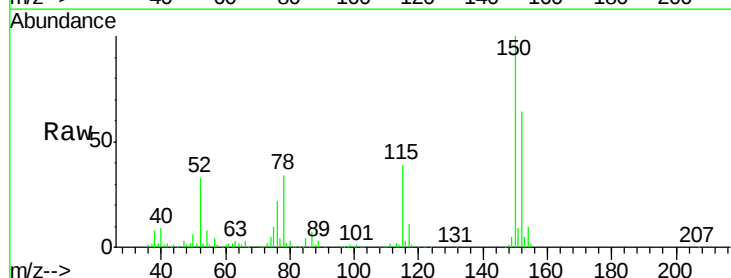
Instrument :
MSVOA_N
ClientSampleId :
T1-S2(0)

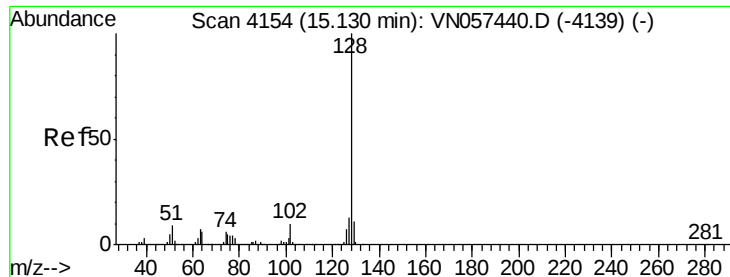
Tot Ion:117 Resp: 578808
Ion Ratio Lower Upper
117 100
82 64.5 50.6 75.8
119 32.3 24.6 36.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN057479.D
Acq: 23 Aug 2019 18:20

Tgt Ion:152 Resp: 138523
Ion Ratio Lower Upper
152 100
115 64.7 32.0 96.0
150 161.0 0.0 346.6





#95

Naphthalene

Concen: 5.336 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN057479.D

Acq: 23 Aug 2019 18:20

Instrument :

MSVOA_N

ClientSampleId :

T1-S2(0)

Tot Ion:128 Resp: 6016

Ion Ratio Lower Upper

128 100

127 10.7 10.5 15.7

129 6.5 8.6 13.0#

