

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082419\
 Data File : VN057493.D
 Acq On : 24 Aug 2019 00:17
 Operator : JC/SP
 Sample : K4472-37
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T6-S2(0)

Quant Time: Aug 26 06:34:37 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

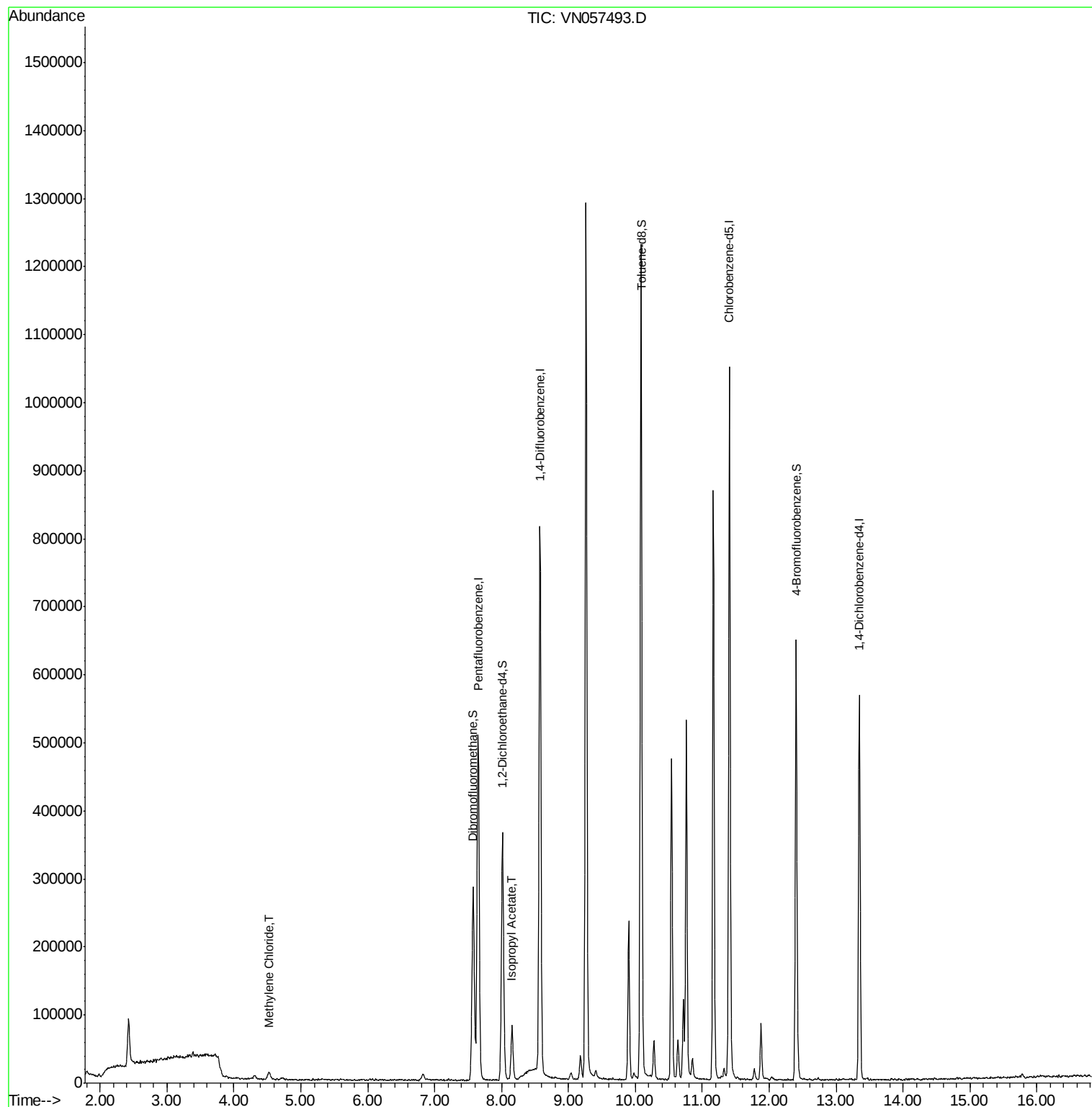
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	365965	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	639054	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	536826	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	135696	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	305519	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	
35) Dibromofluoromethane	7.58	113	205340	47.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.14%	
50) Toluene-d8	10.08	98	812762	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	
62) 4-Bromofluorobenzene	12.40	95	230010	41.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.16%	
Target Compounds						
20) Methylene Chloride	4.53	84	6430	1.394	ug/l #	84
43) Isopropyl Acetate	8.16	43	94761	8.009	ug/l	98

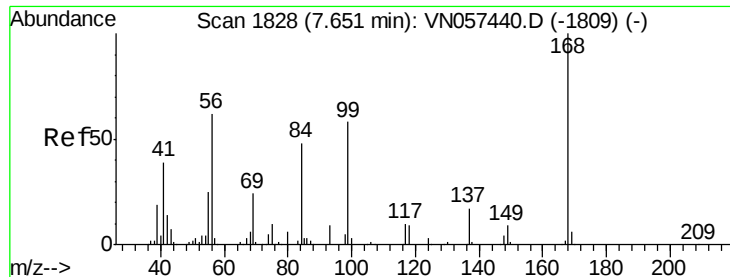
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN082419\
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QLast Update : Fri Aug 23 05:07:29 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN057493.D

Acq: 24 Aug 2019 00:17

Instrument :

MSVOA_N

ClientSampled :

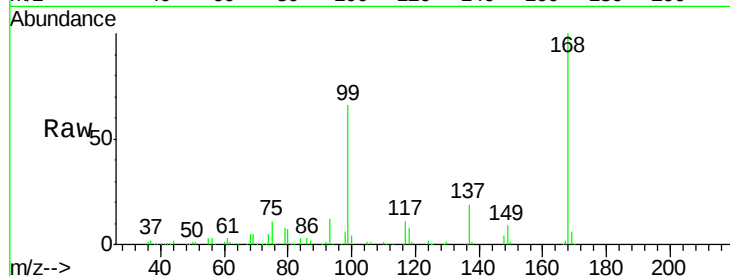
T6-S2(0)

Tot Ion:168 Resp: 365965

Ion Ratio Lower Upper

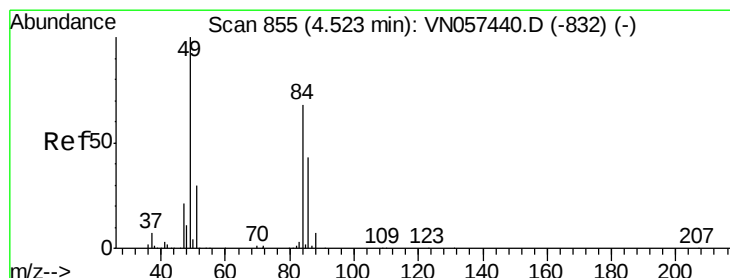
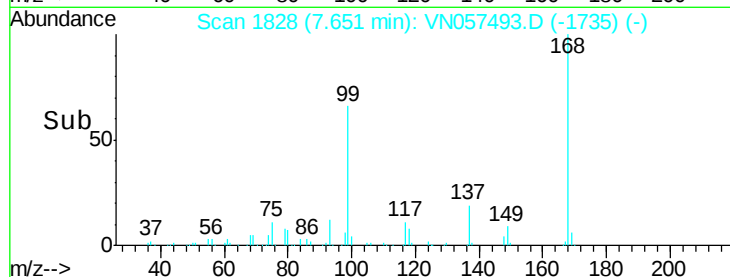
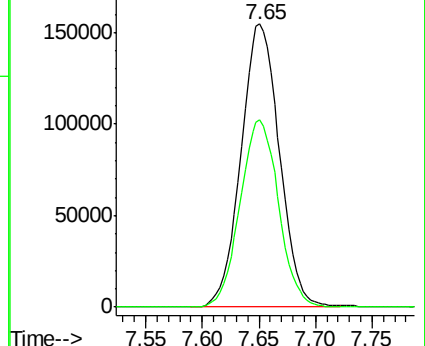
168 100

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



#20

Methylene Chloride

Concen: 1.394 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN057493.D

Acq: 24 Aug 2019 00:17

Tgt Ion: 84 Resp: 6430

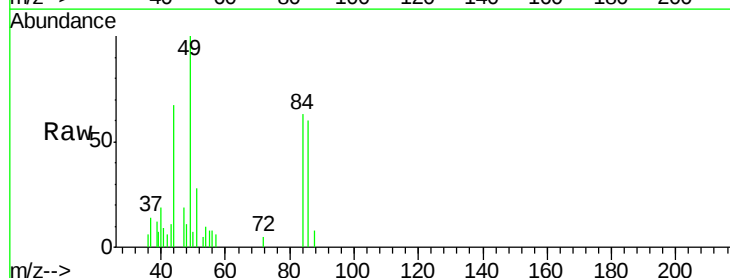
Ion Ratio Lower Upper

84 100

49 157.7 117.0 175.4

51 44.8 35.5 53.3

86 94.5 49.8 74.8#

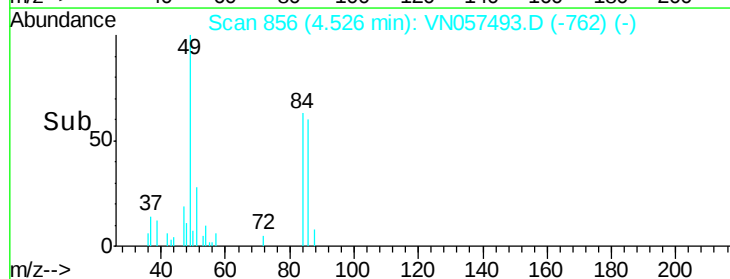
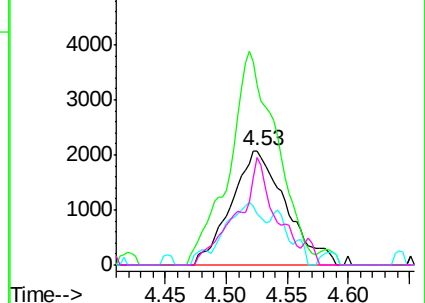


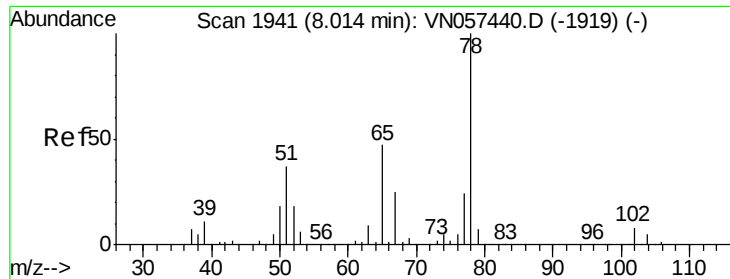
Abundance Ion 83.90 (83.60 to 84.60): VNO

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

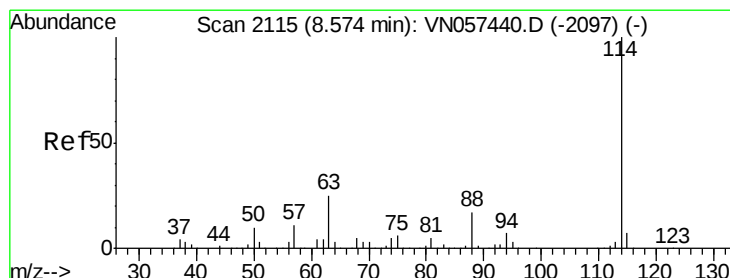
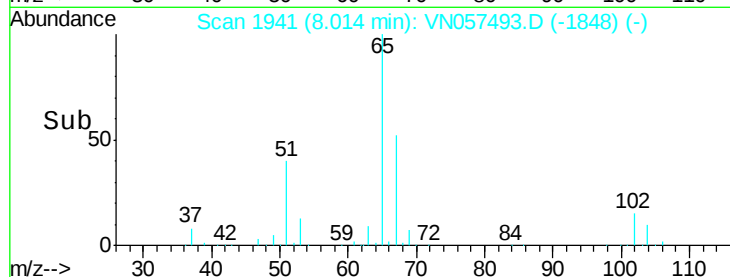
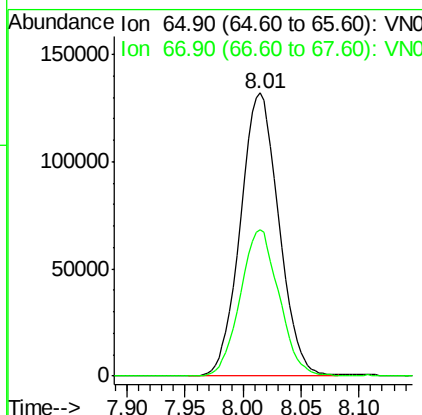
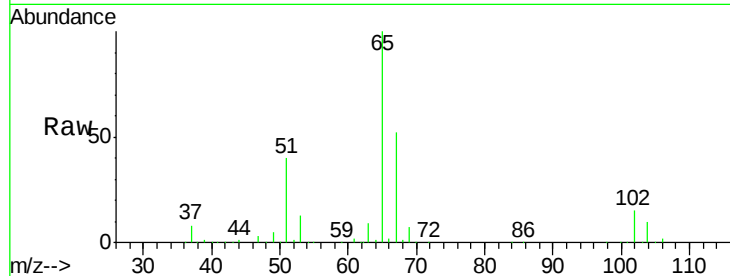




#33
 1,2-Dichloroethane-d4
 Concen: 47.457 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. -0.00 min
 Lab File: VN057493.D
 Acq: 24 Aug 2019 00:17

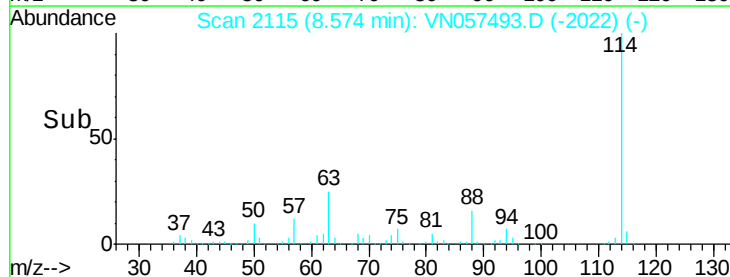
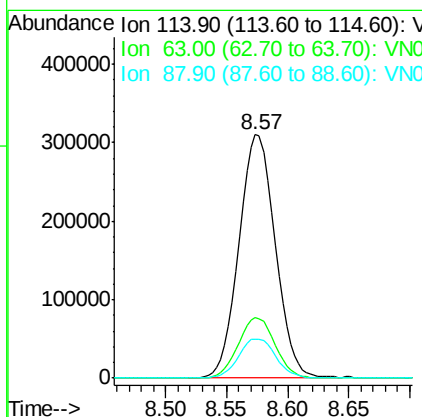
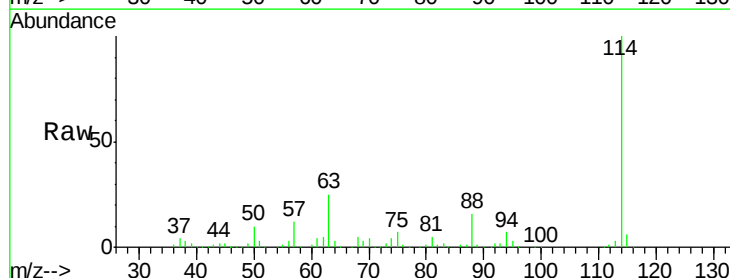
Instrument :
 MSVOA_N
 ClientSampleId :
 T6-S2(0)

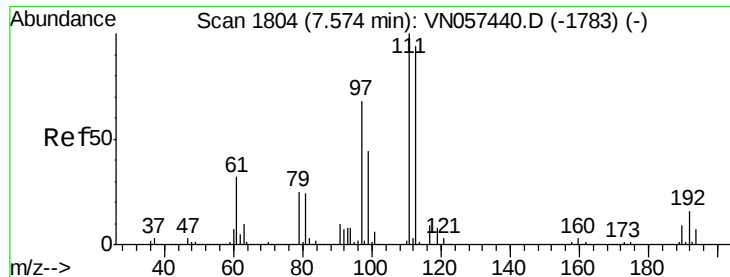
Tot Ion: 65 Resp: 305519
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN057493.D
 Acq: 24 Aug 2019 00:17

Tgt Ion: 114 Resp: 639054
 Ion Ratio Lower Upper
 114 100
 63 24.8 0.0 50.2
 88 16.2 0.0 34.6

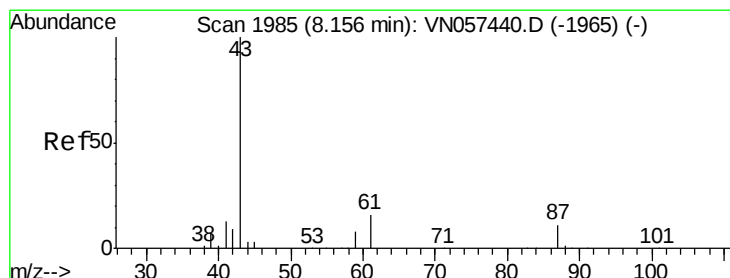
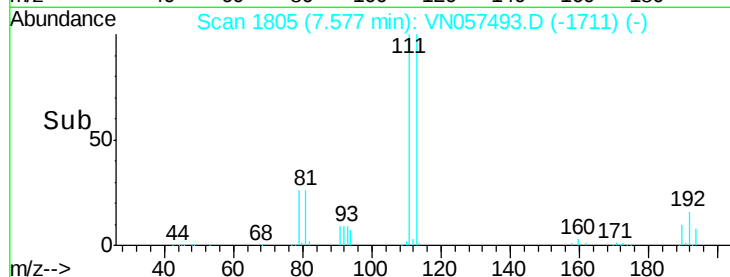
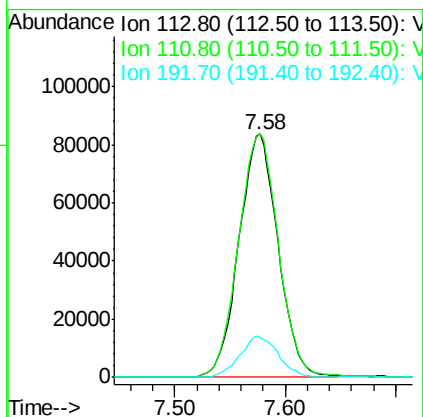
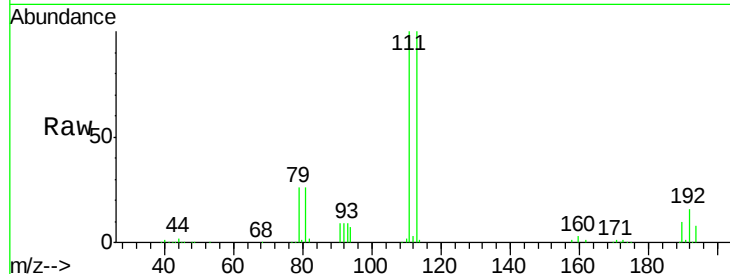




#35
 Dibromofluoromethane
 Concen: 47.571 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057493.D
 Acq: 24 Aug 2019 00:17

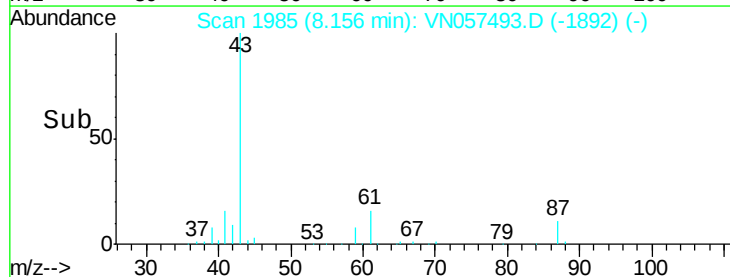
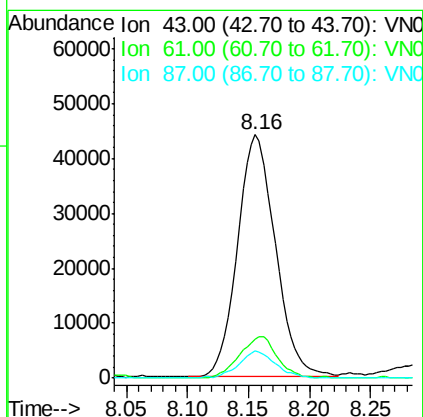
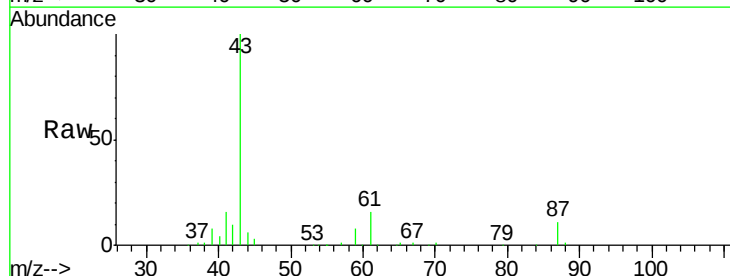
Instrument :
 MSVOA_N
 ClientSampled :
 T6-S2(0)

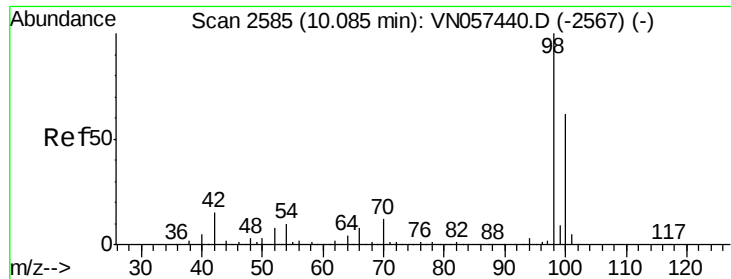
Tot Ion:113 Resp: 205340
 Ion Ratio Lower Upper
 113 100
 111 102.4 83.8 125.6
 192 16.6 13.5 20.3



#43
 Isopropyl Acetate
 Concen: 8.009 ug/l
 RT: 8.16 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VN057493.D
 Acq: 24 Aug 2019 00:17

Tgt Ion: 43 Resp: 94761
 Ion Ratio Lower Upper
 43 100
 61 16.9 14.5 21.7
 87 10.8 8.6 12.8





#50

Toluene-d8

Concen: 49.796 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057493.D

Acq: 24 Aug 2019 00:17

Instrument :

MSVOA_N

ClientSampleId :

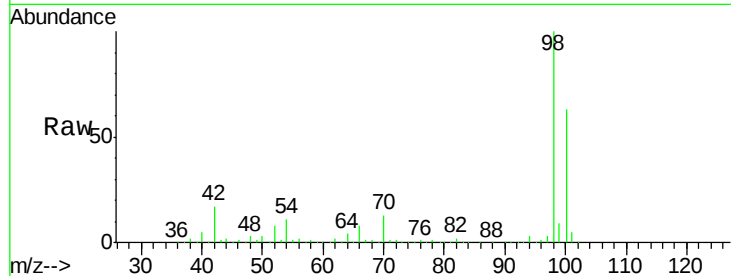
T6-S2(0)

Tot Ion: 98 Resp: 812762

Ion Ratio Lower Upper

98 100

100 62.9 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.08

400000

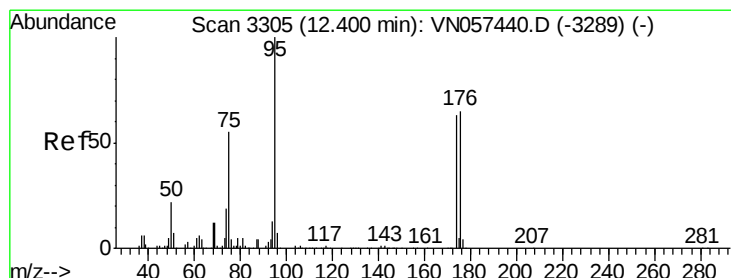
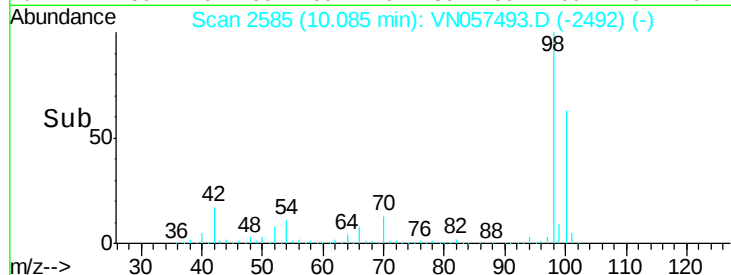
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 41.584 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057493.D

Acq: 24 Aug 2019 00:17

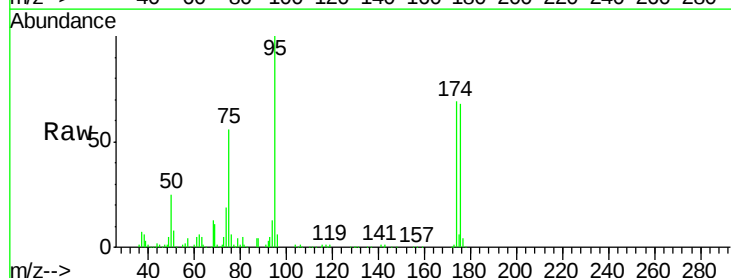
Tgt Ion: 95 Resp: 230010

Ion Ratio Lower Upper

95 100

174 68.2 0.0 133.0

176 66.4 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

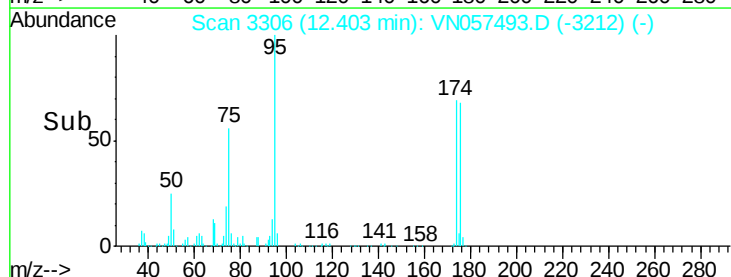
150000

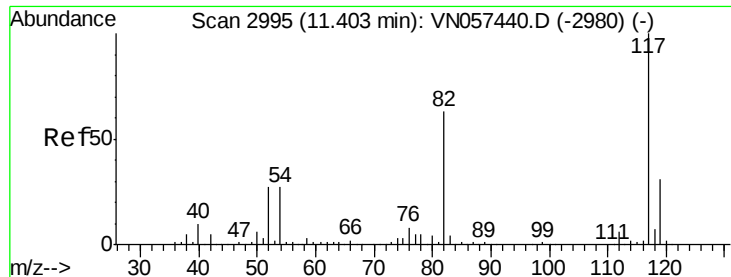
100000

50000

0

Time-->

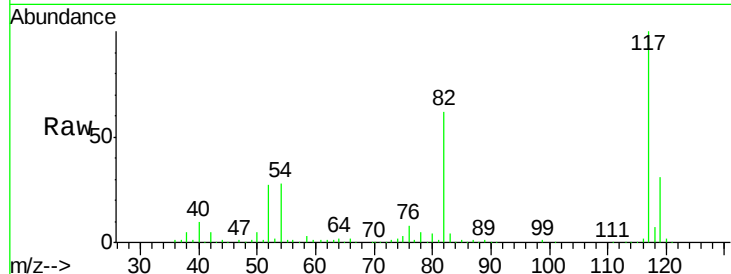




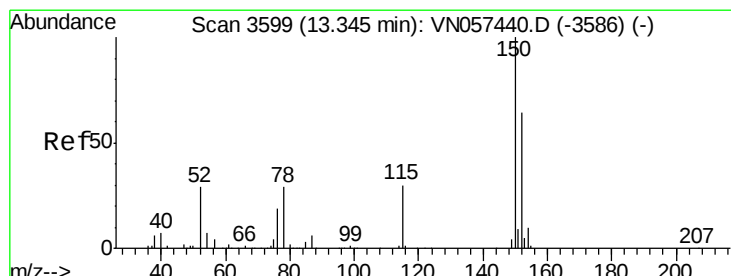
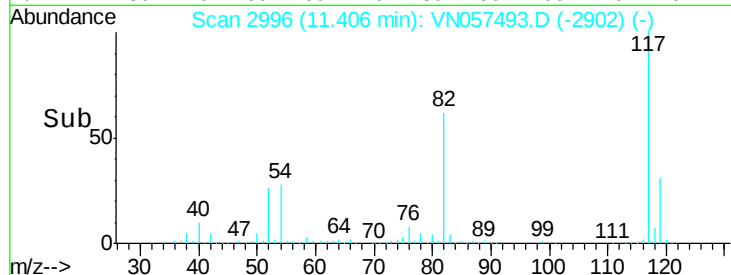
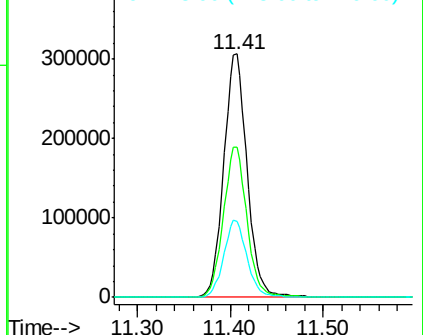
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057493.D
Acq: 24 Aug 2019 00:17

Instrument :
MSVOA_N
ClientSampled :
T6-S2(0)

Tot Ion:117 Resp: 536826
Ion Ratio Lower Upper
117 100
82 61.8 50.6 75.8
119 31.4 24.6 36.8

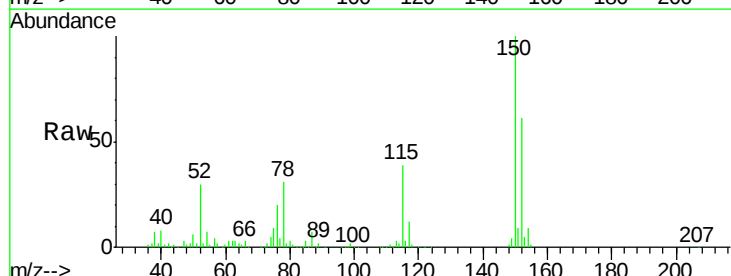


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN057493.D
Acq: 24 Aug 2019 00:17

Tgt Ion:152 Resp: 135696
Ion Ratio Lower Upper
152 100
115 63.3 32.0 96.0
150 159.8 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

