

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101619\
 Data File : VN058803.D
 Acq On : 16 Oct 2019 15:49
 Operator : JC/SP
 Sample : K5399-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 17 01:33:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 12 00:00:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	385175	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	615466	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	547643	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	217608	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	290807	53.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.86%	
35) Dibromofluoromethane	7.57	113	206214	54.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.48%	
50) Toluene-d8	10.08	98	785643	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	
62) 4-Bromofluorobenzene	12.41	95	258190	44.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.74%	
Target Compounds						
					Qvalue	
31) Cyclohexane	7.65	56	9883	1.250	ug/l #	24
36) 1,1-Dichloropropene	7.65	75	32020	5.146	ug/l #	51
38) Carbon Tetrachloride	7.65	117	39539	6.519	ug/l #	16
71) Bromoform	12.41	173	1909	0.633	ug/l #	1
76) 1,2,3-Trichloropropane	12.41	75	137514	28.806	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.41	75	137514	77.162	ug/l #	11

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058803.D

Acq: 16 Oct 2019 15:49

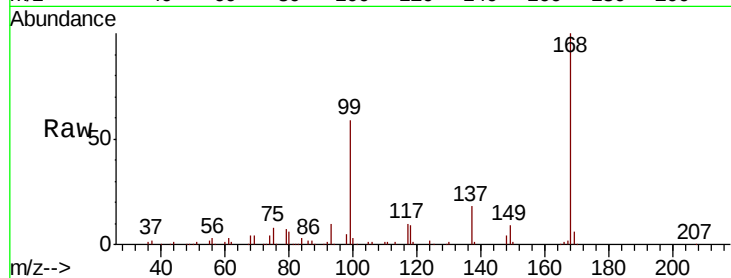
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 385175

Ion Ratio Lower Upper

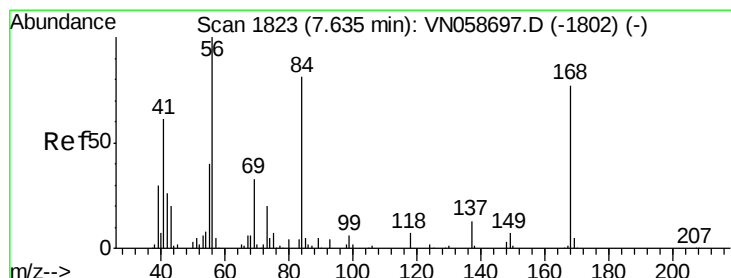
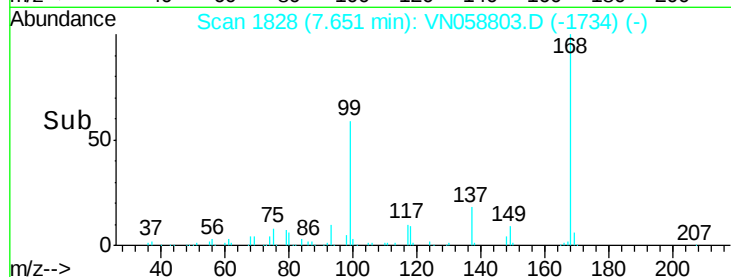
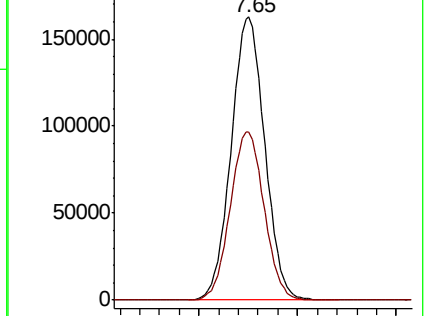
168 100

99 59.3 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#31

Cyclohexane

Concen: 1.250 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.02 min

Lab File: VN058803.D

Acq: 16 Oct 2019 15:49

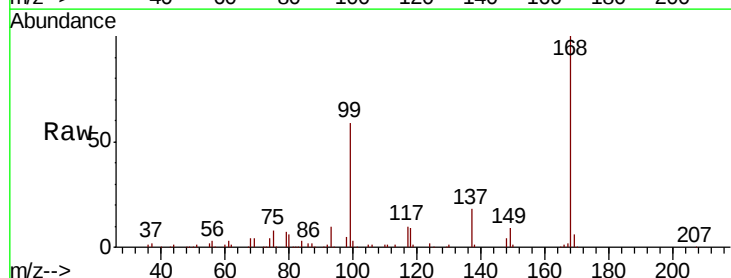
Tgt Ion: 56 Resp: 9883

Ion Ratio Lower Upper

56 100

69 147.6 26.2 39.4#

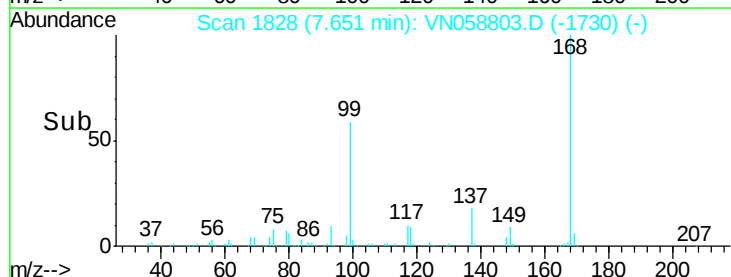
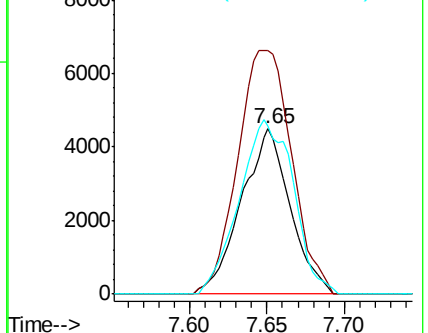
84 102.3 64.9 97.3#

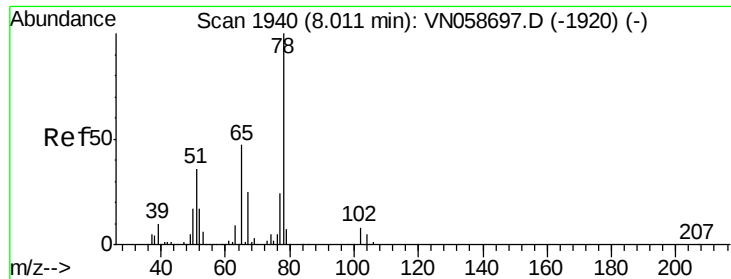


Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 84.00 (83.70 to 84.70): VNO

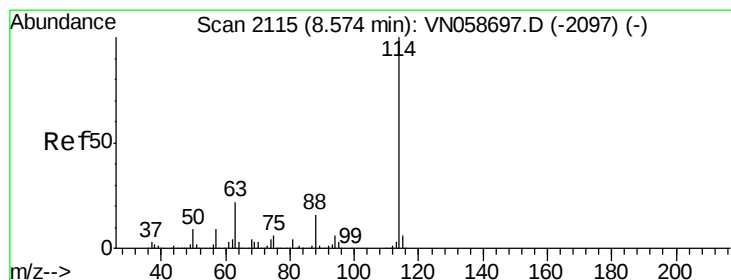
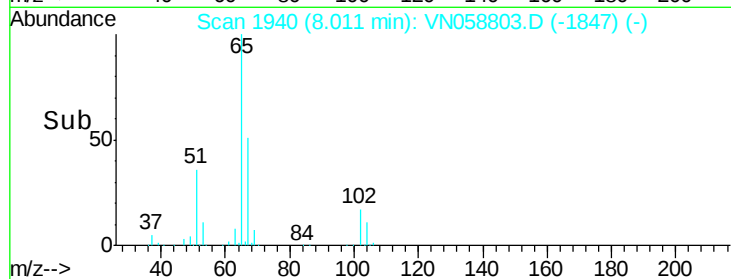
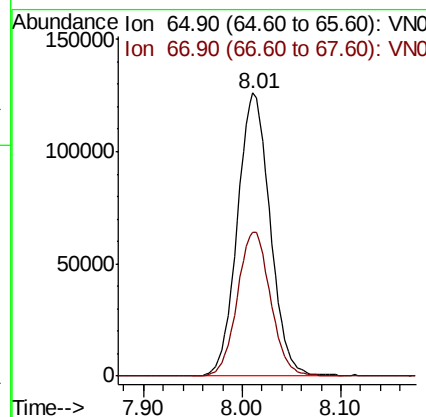
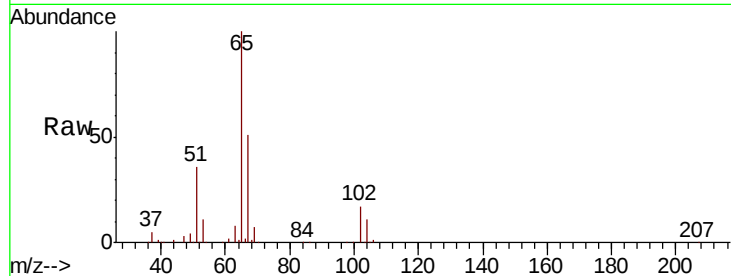




#33
 1,2-Dichloroethane-d4
 Concen: 53.929 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. -0.00 min
 Lab File: VN058803.D
 Acq: 16 Oct 2019 15:49

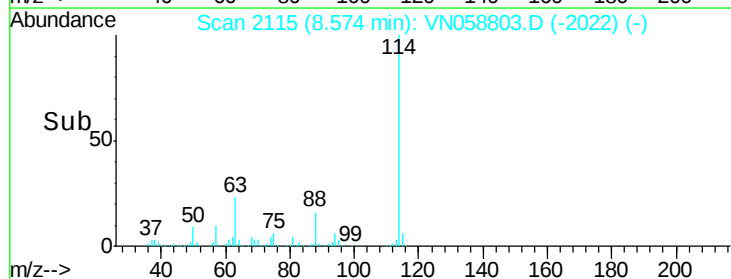
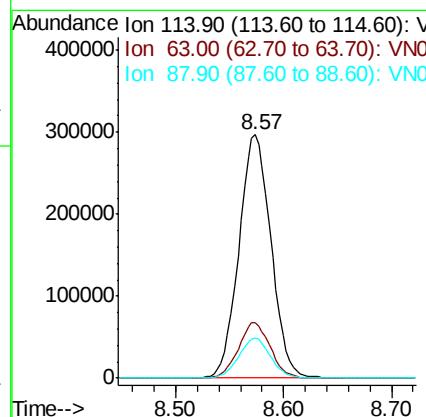
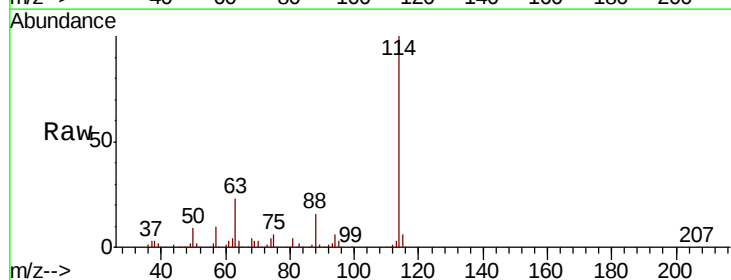
Instrument :
 MSVOA_N
 ClientSampleId :

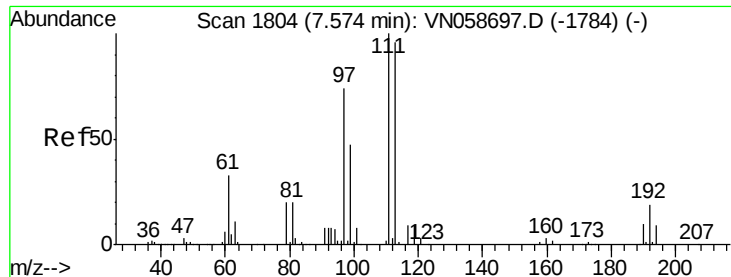
Tot Ion: 65 Resp: 290807
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058803.D
 Acq: 16 Oct 2019 15:49

Tgt Ion: 114 Resp: 615466
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 43.8
 88 16.5 0.0 32.0

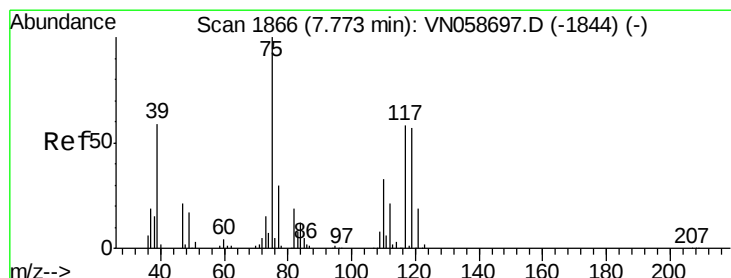
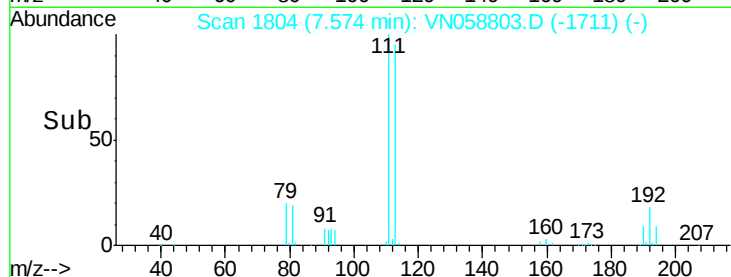
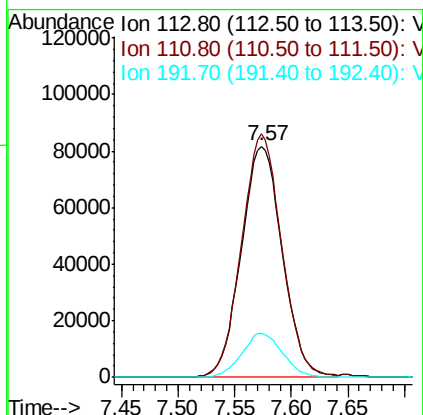
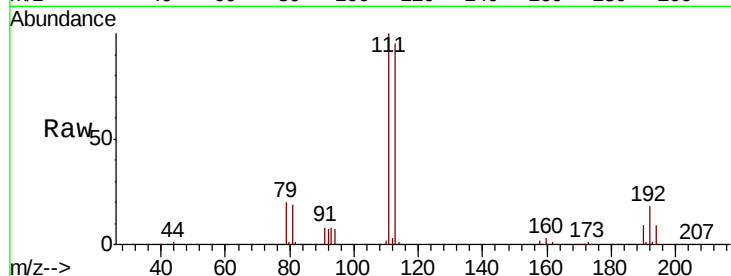




#35
 Dibromofluoromethane
 Concen: 54.244 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN058803.D
 Acq: 16 Oct 2019 15:49

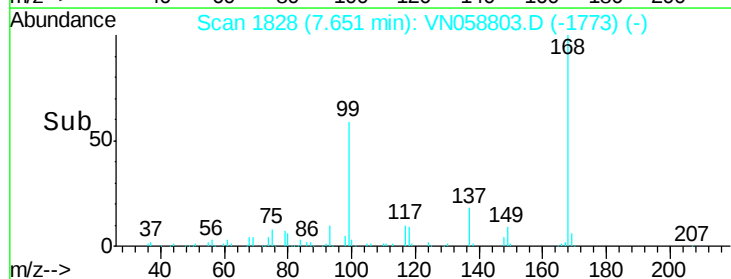
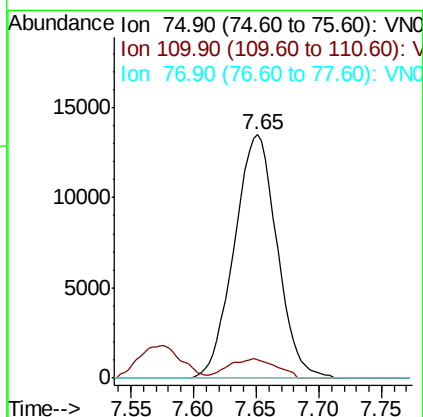
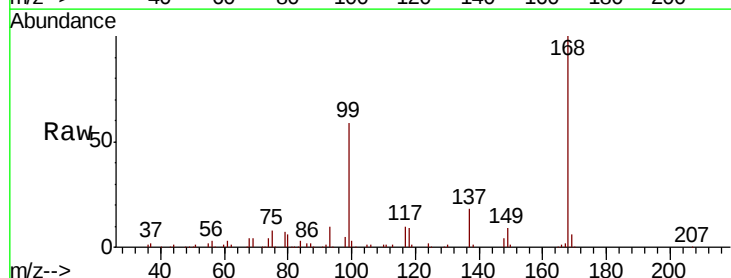
Instrument :
 MSVOA_N
 ClientSampled :

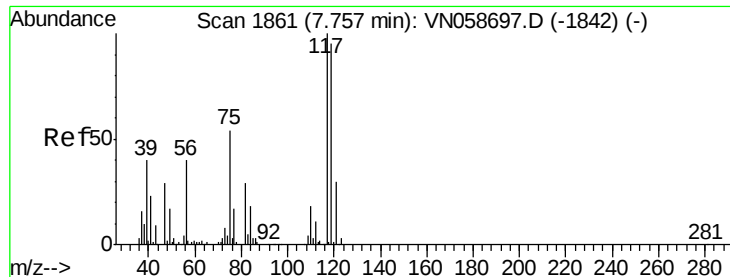
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.3	123.5
192	18.9	15.0	22.6



#36
 1,1-Dichloropropene
 Concen: 5.146 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.12 min
 Lab File: VN058803.D
 Acq: 16 Oct 2019 15:49

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.0	16.6	49.8#
77	0.0	24.6	37.0#

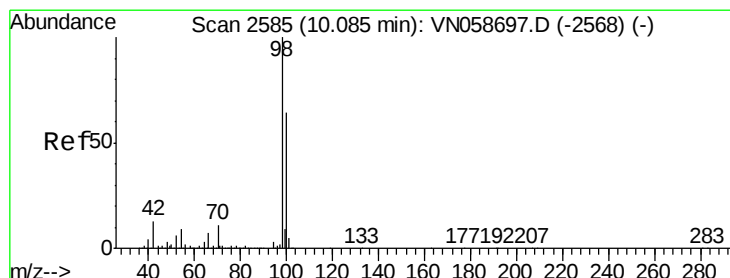
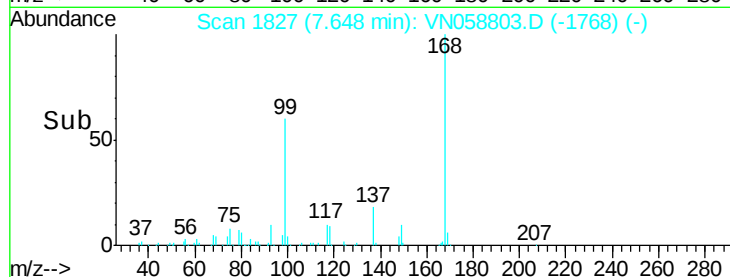
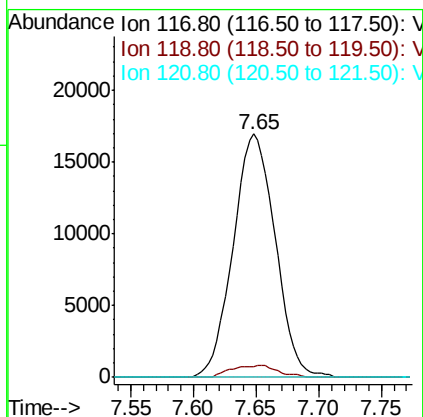
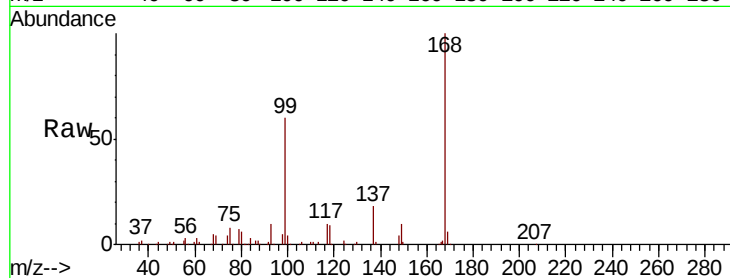




#38
Carbon Tetrachloride
Concen: 6.519 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. -0.11 min
Lab File: VN058803.D
Acq: 16 Oct 2019 15:49

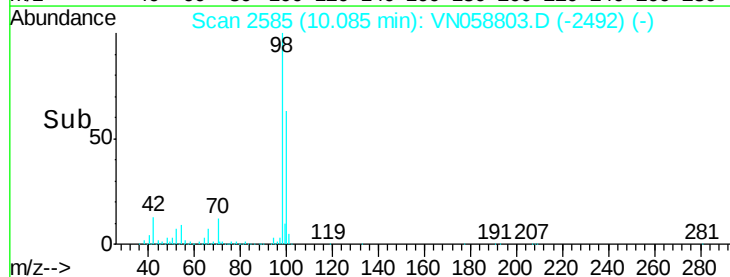
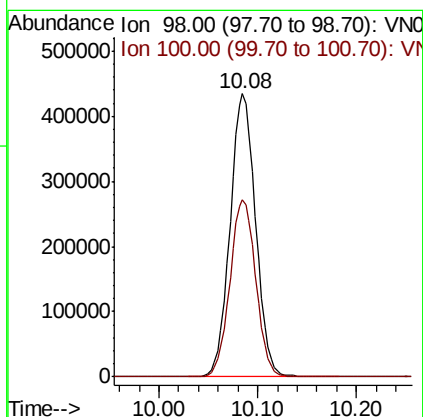
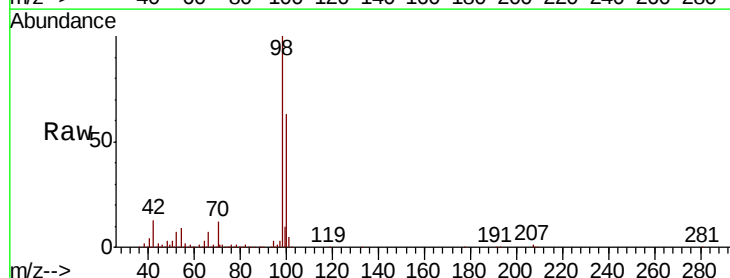
Instrument :
MSVOA_N
ClientSampled :

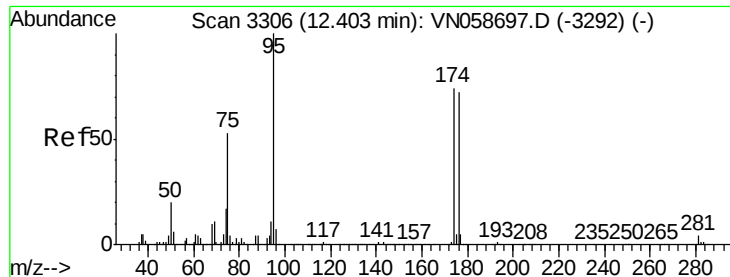
Tot Ion:117 Resp: 39539
Ion Ratio Lower Upper
117 100
119 4.6 75.7 113.5#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 51.680 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN058803.D
Acq: 16 Oct 2019 15:49

Tgt Ion: 98 Resp: 785643
Ion Ratio Lower Upper
98 100
100 63.5 51.1 76.7





#62

4-Bromofluorobenzene

Concen: 44.868 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058803.D

Acq: 16 Oct 2019 15:49

Instrument :

MSVOA_N

ClientSampleId :

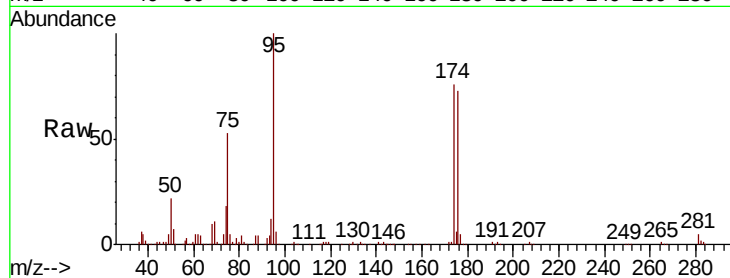
Tot Ion: 95 Resp: 258190

Ion Ratio Lower Upper

95 100

174 76.2 0.0 150.4

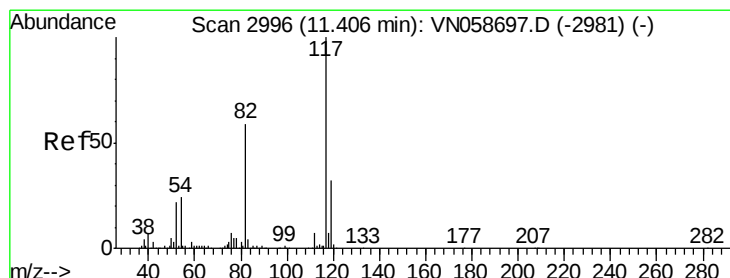
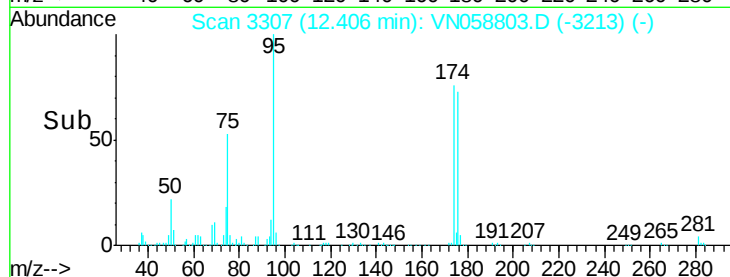
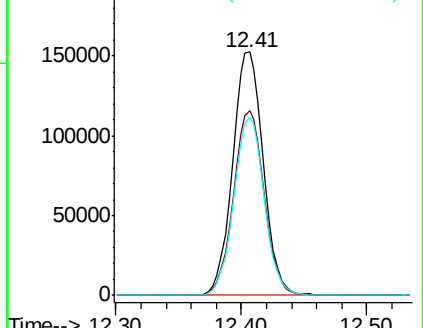
176 72.8 0.0 146.8



Abundance Ion 94.90 (94.60 to 95.60): VN058697.D (-3292) (-)

Ion 173.80 (173.50 to 174.50): VN058697.D (-3292) (-)

Ion 175.80 (175.50 to 176.50): VN058697.D (-3292) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN058803.D

Acq: 16 Oct 2019 15:49

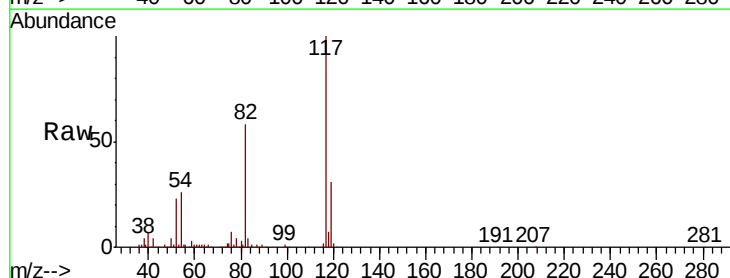
Tgt Ion: 117 Resp: 547643

Ion Ratio Lower Upper

117 100

82 58.0 47.0 70.4

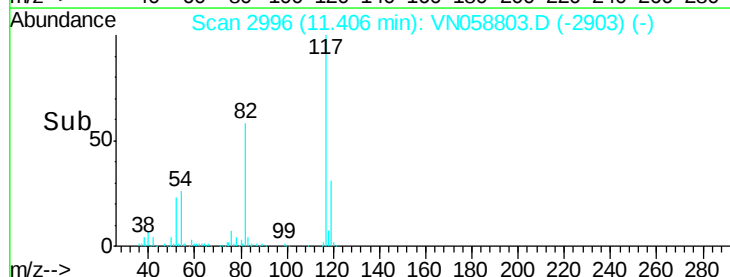
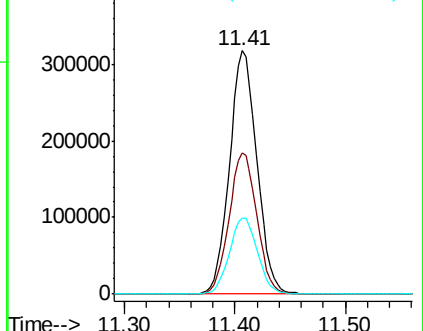
119 31.3 25.4 38.2

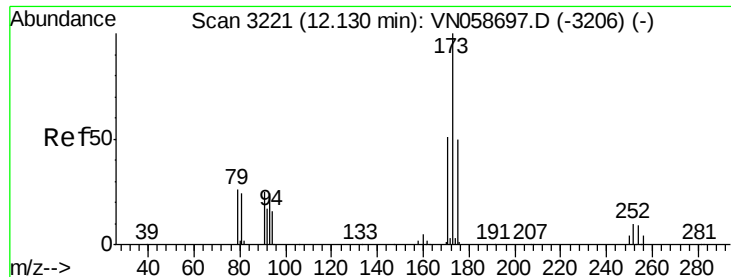


Abundance Ion 116.90 (116.60 to 117.60): VN058697.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN058697.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN058697.D (-2981) (-)





#71

Bromoform

Concen: 0.633 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.28 min

Lab File: VN058803.D

Acq: 16 Oct 2019 15:49

Instrument :

MSVOA_N

ClientSampleId :

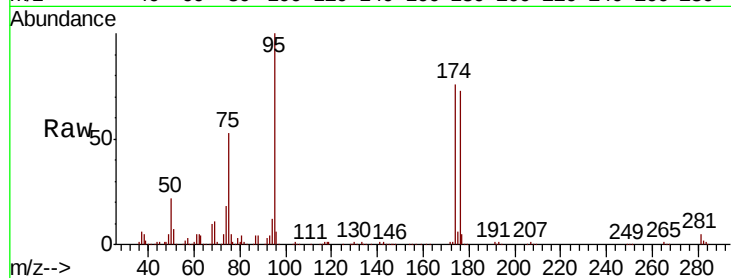
Tot Ion:173 Resp: 1909

Ion Ratio Lower Upper

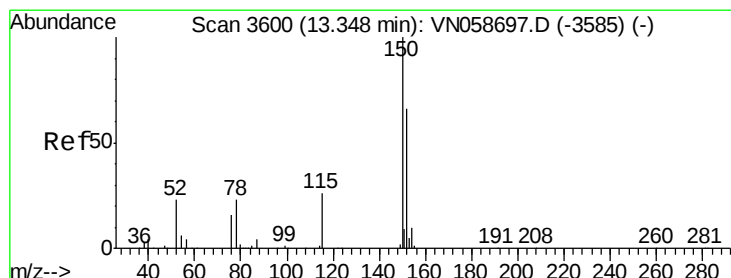
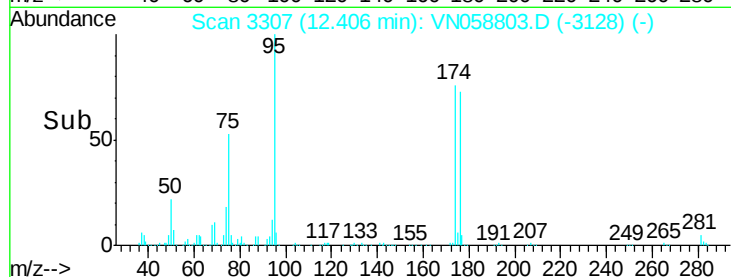
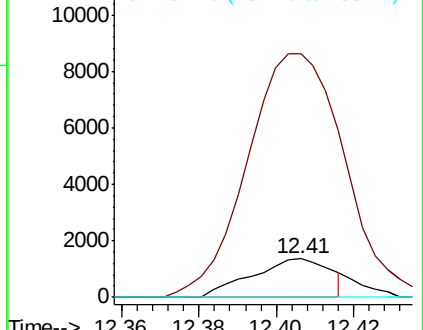
173 100

175 683.9 24.6 73.8#

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): 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: VN058803.D

Acq: 16 Oct 2019 15:49

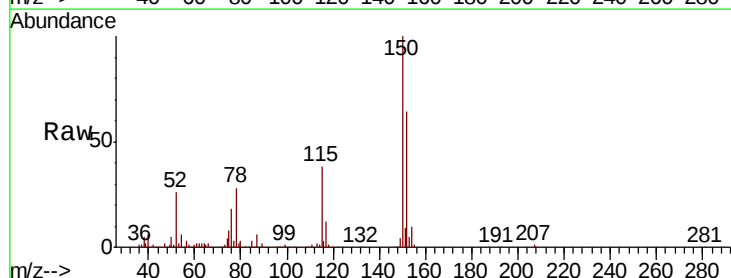
Tgt Ion:152 Resp: 217608

Ion Ratio Lower Upper

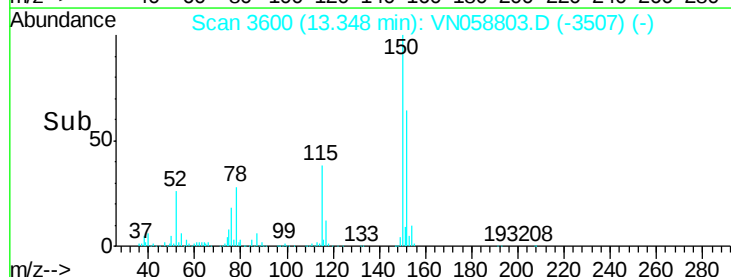
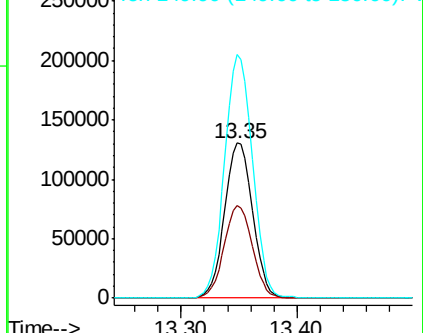
152 100

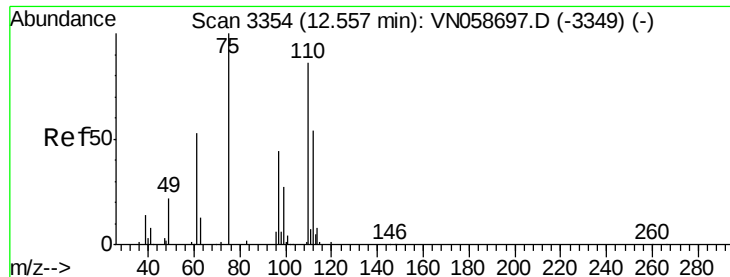
115 60.1 30.4 91.2

150 156.6 0.0 345.4



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





#76

1,2,3-Trichloropropane

Concen: 28.806 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN058803.D

Acq: 16 Oct 2019 15:49

Instrument :

MSVOA_N

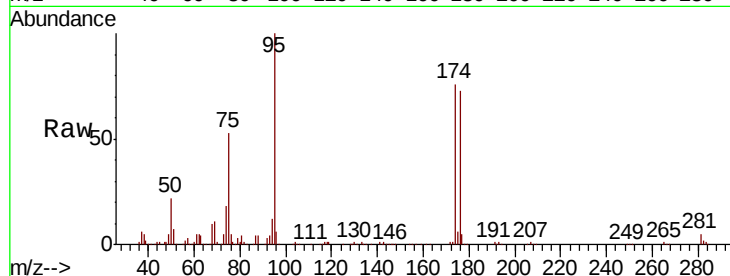
ClientSampleId :

Tot Ion: 75 Resp: 137514

Ion Ratio Lower Upper

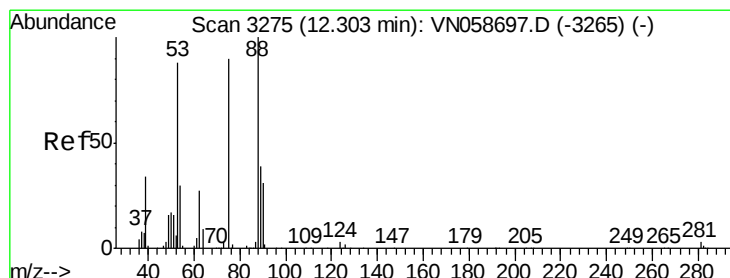
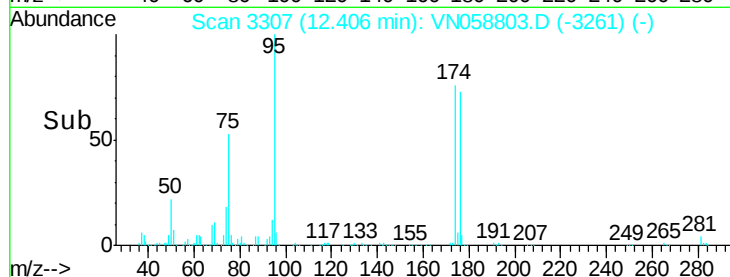
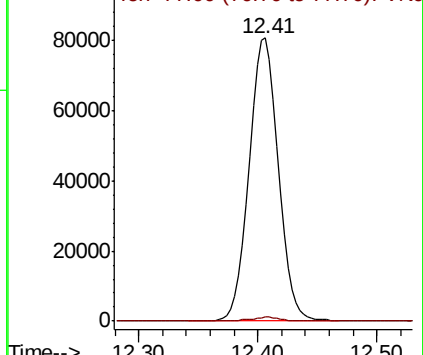
75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO



#81

trans-1,4-Dichloro-2-butene

Concen: 77.162 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN058803.D

Acq: 16 Oct 2019 15:49

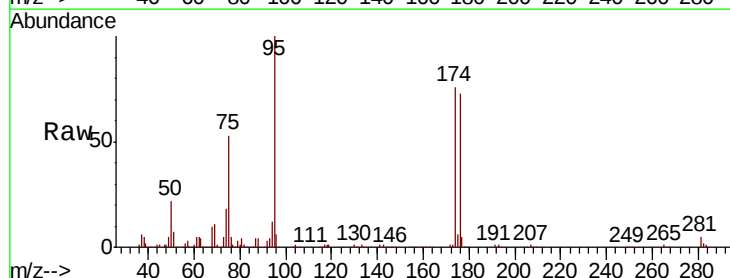
Tgt Ion: 75 Resp: 137514

Ion Ratio Lower Upper

75 100

53 0.0 78.4 117.6#

89 0.0 34.9 52.3#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

