

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020720\
 Data File : VN060022.D
 Acq On : 7 Feb 2020 11:35
 Operator : JC/MD
 Sample : L1431-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VNJ-209

Quant Time: Feb 07 23:40:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

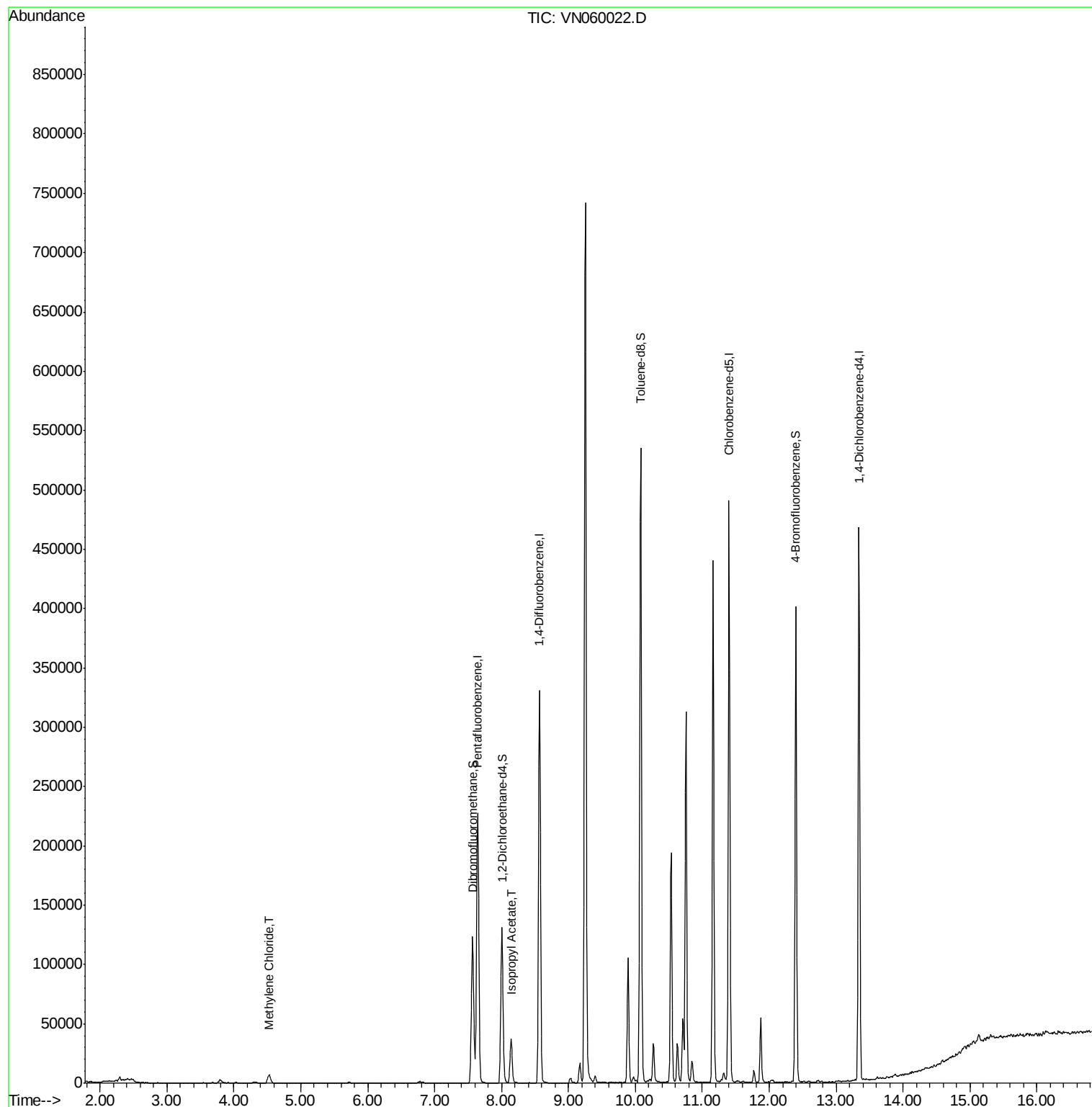
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	193860	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	306210	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	284958	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	128316	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	115776	53.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.56%	
35) Dibromofluoromethane	7.57	113	93416	51.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.32%	
50) Toluene-d8	10.08	98	367783	51.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.96%	
62) 4-Bromofluorobenzene	12.40	95	131721	51.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.28%	
Target Compounds						
20) Methylene Chloride	4.52	84	5701	1.676	ug/l	89
43) Isopropyl Acetate	8.14	43	44049	10.240	ug/l #	92

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

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QLast Update : Sat Jan 18 03:09:32 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN060022.D

Acq: 7 Feb 2020 11:35

Instrument :

MSVOA_N

ClientSampleId :

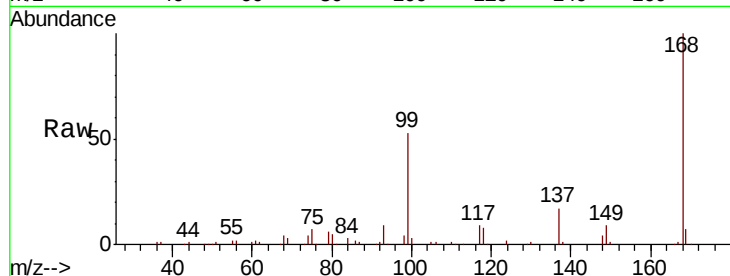
VNJ-209

Tot Ion:168 Resp: 193860

Ion Ratio Lower Upper

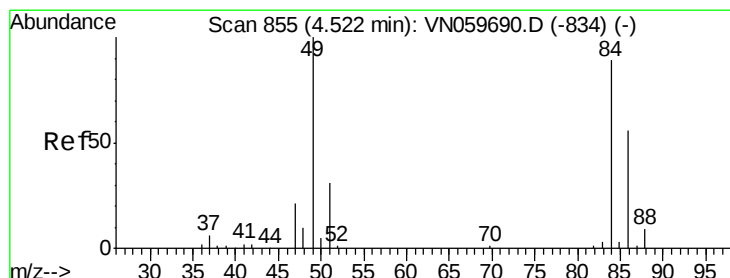
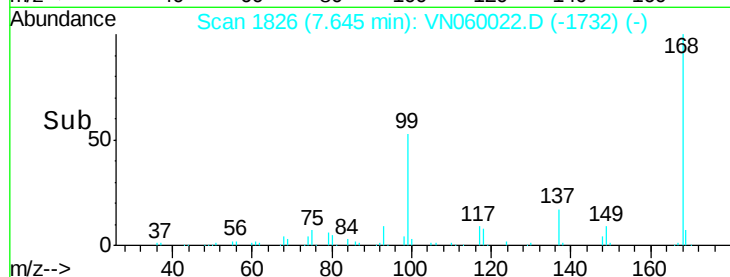
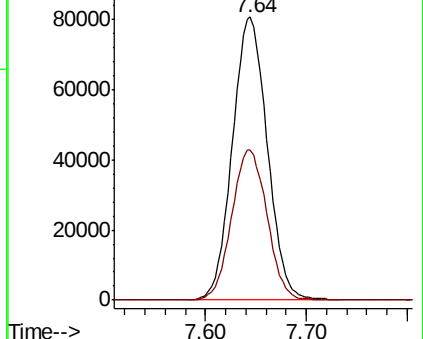
168 100

99 53.3 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#20

Methylene Chloride

Concen: 1.676 ug/l

RT: 4.52 min Scan# 855

Delta R.T. 0.00 min

Lab File: VN060022.D

Acq: 7 Feb 2020 11:35

Tgt Ion: 84 Resp: 5701

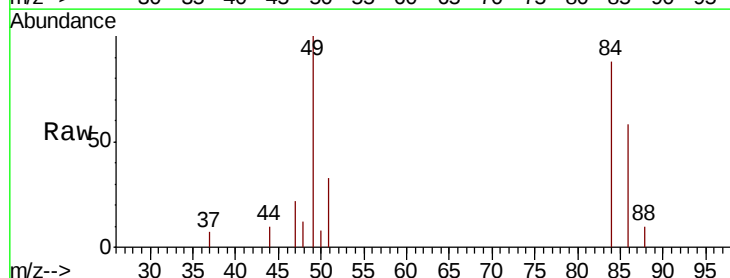
Ion Ratio Lower Upper

84 100

49 113.1 106.6 160.0

51 37.8 31.9 47.9

86 65.2 50.8 76.2

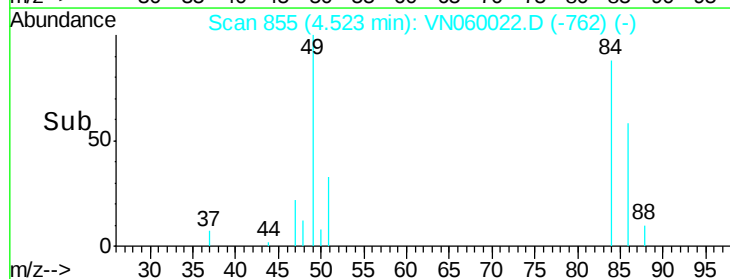
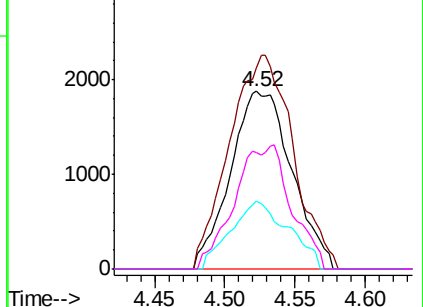


Abundance Ion 83.90 (83.60 to 84.60): VNO

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

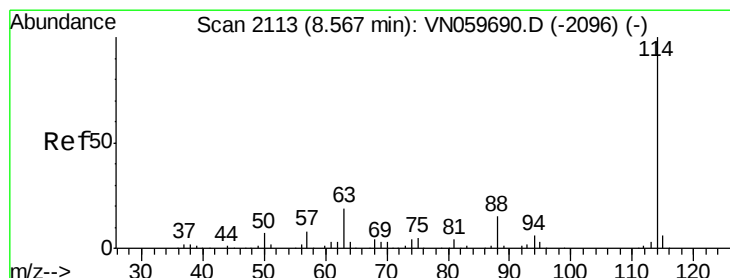
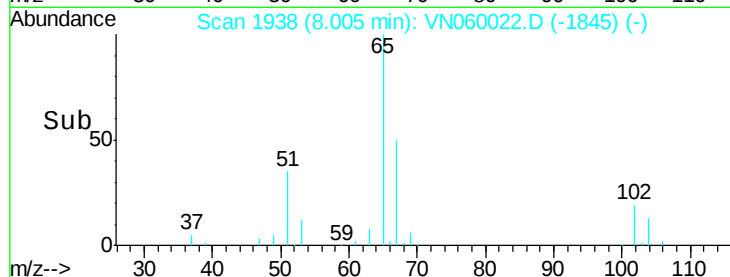
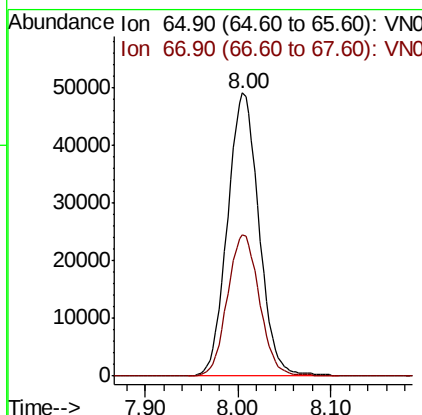
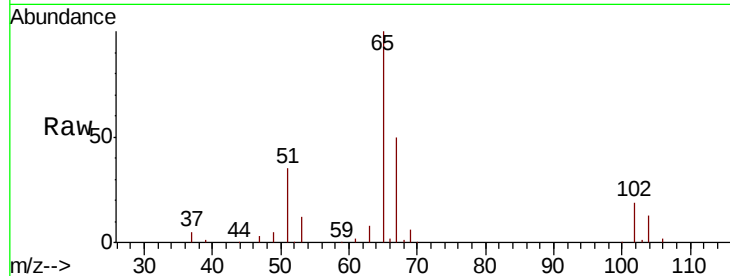




#33
 1,2-Dichloroethane-d4
 Concen: 53.778 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN060022.D
 Acq: 7 Feb 2020 11:35

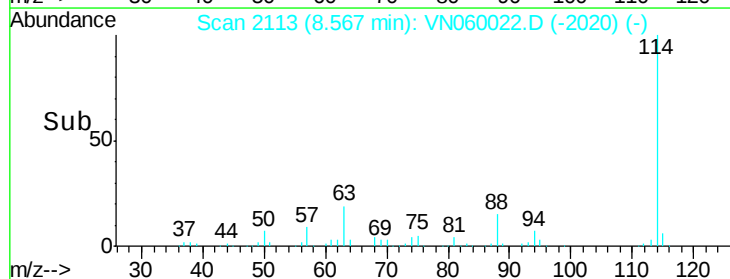
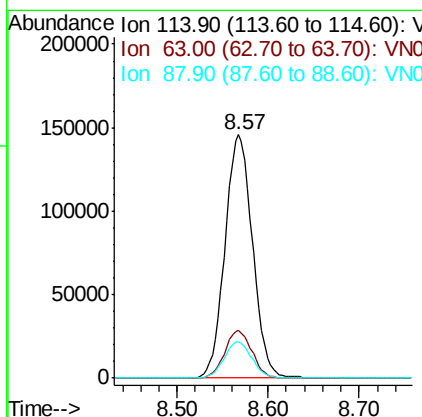
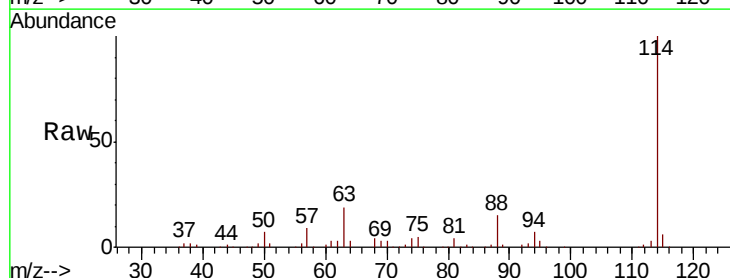
Instrument :
 MSVOA_N
 ClientSampled :
 VNJ-209

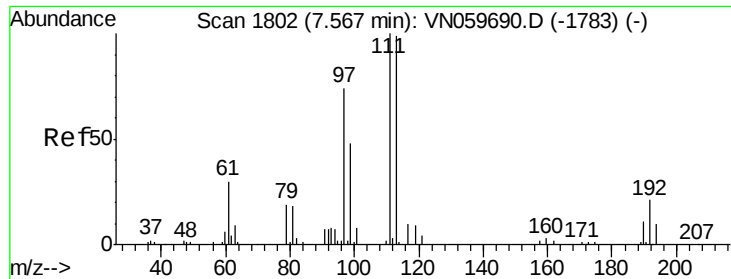
Tot Ion: 65 Resp: 115776
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060022.D
 Acq: 7 Feb 2020 11:35

Tgt Ion: 114 Resp: 306210
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 43.6
 88 15.0 0.0 31.4

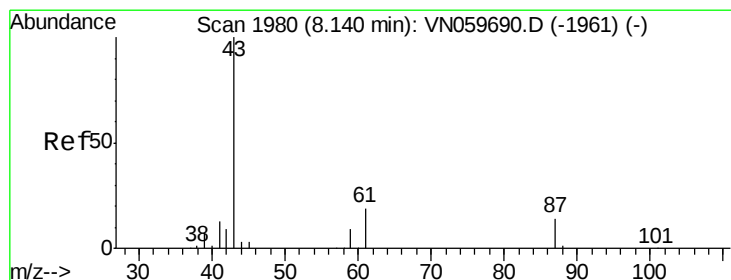
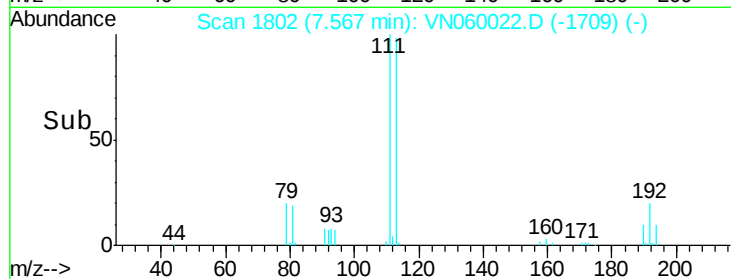
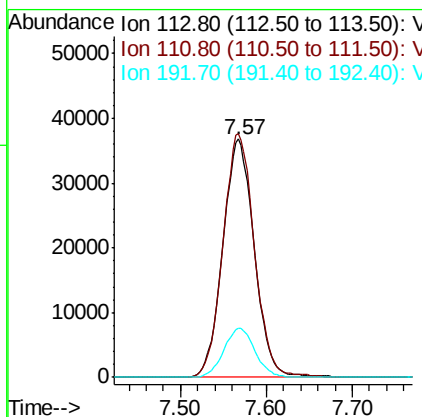
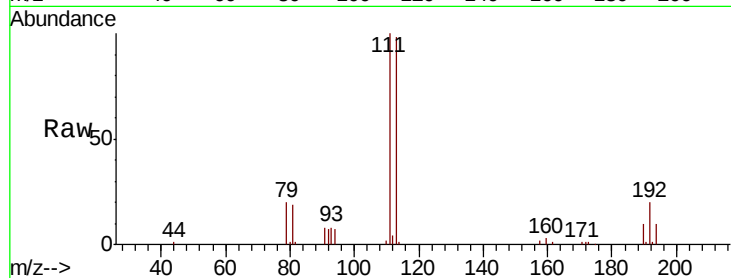




#35
 Dibromofluoromethane
 Concen: 51.157 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN060022.D
 Acq: 7 Feb 2020 11:35

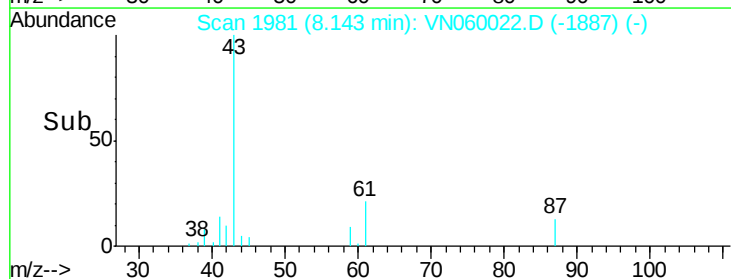
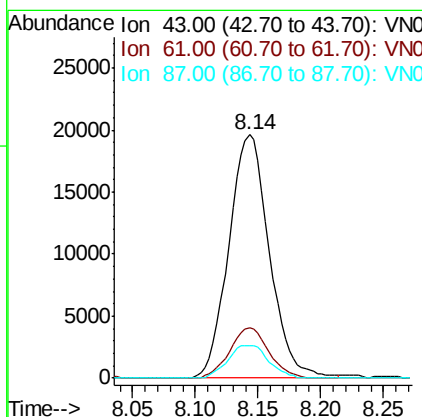
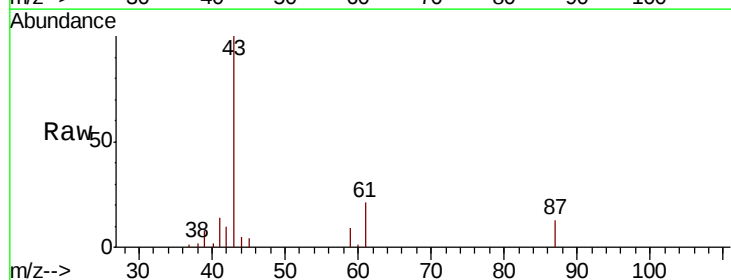
Instrument :
 MSVOA_N
 ClientSampleId :
 VNJ-209

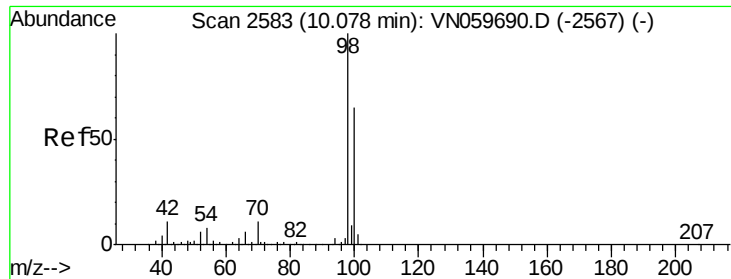
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	83.5	125.3
192	20.3	15.4	23.2



#43
 Isopropyl Acetate
 Concen: 10.240 ug/l
 RT: 8.14 min Scan# 1981
 Delta R.T. 0.00 min
 Lab File: VN060022.D
 Acq: 7 Feb 2020 11:35

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.0	20.2	30.2#
87	13.6	9.5	14.3

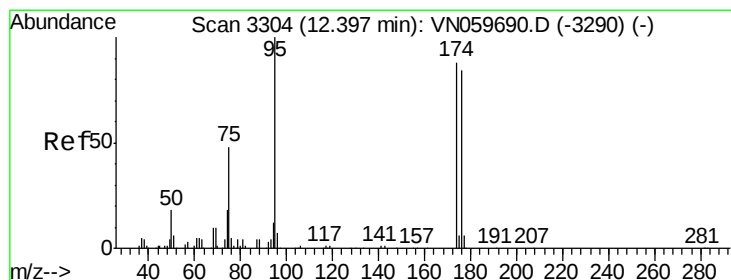
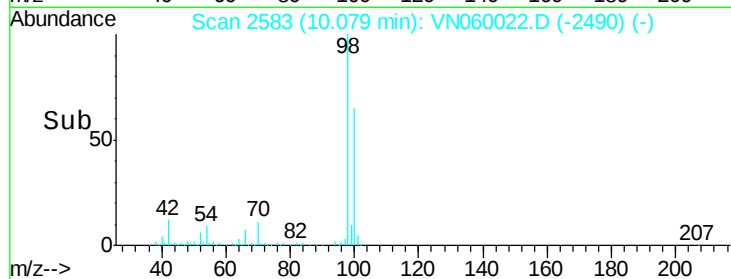
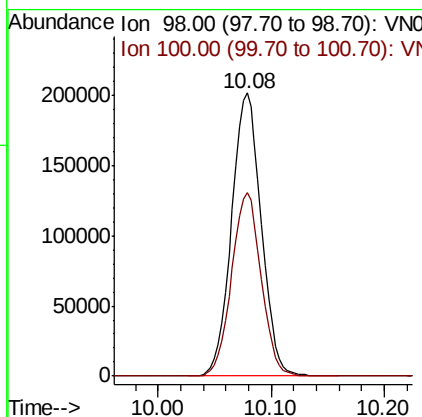
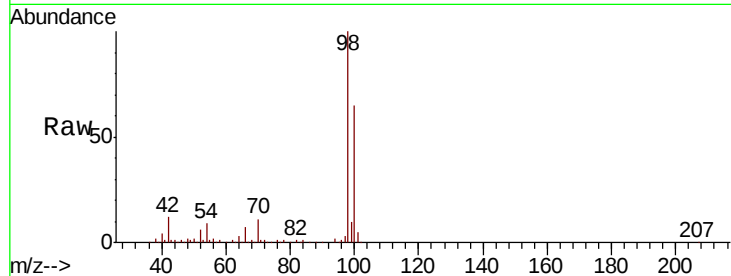




#50
Toluene-d8
Concen: 51.983 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN060022.D
Acq: 7 Feb 2020 11:35

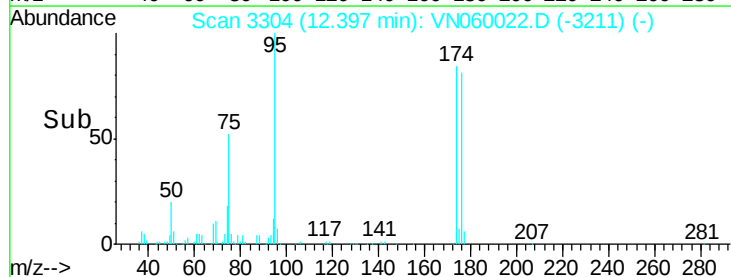
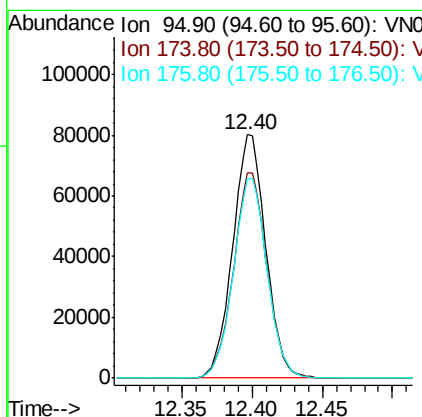
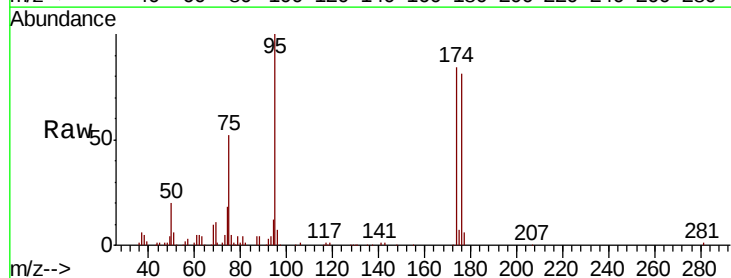
Instrument :
MSVOA_N
ClientSampleId :
VNJ-209

Tot Ion: 98 Resp: 367783
Ion Ratio Lower Upper
98 100
100 64.5 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 51.644 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN060022.D
Acq: 7 Feb 2020 11:35

Tgt Ion: 95 Resp: 131721
Ion Ratio Lower Upper
95 100
174 85.1 0.0 151.4
176 83.3 0.0 146.0

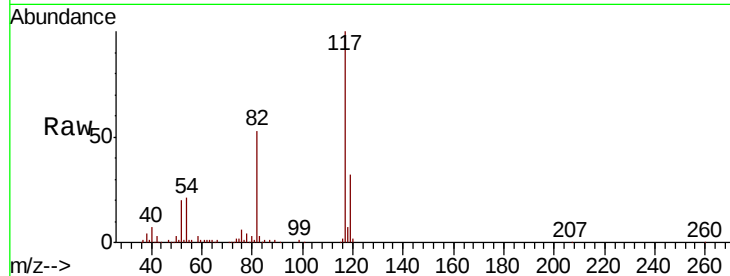




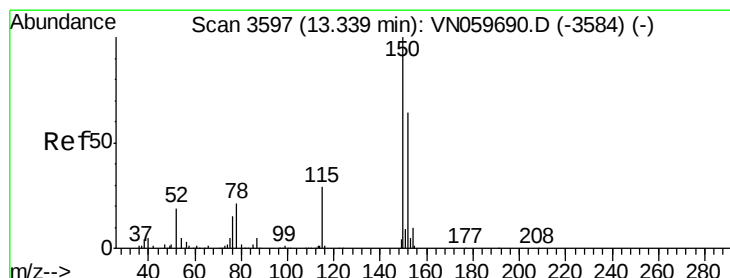
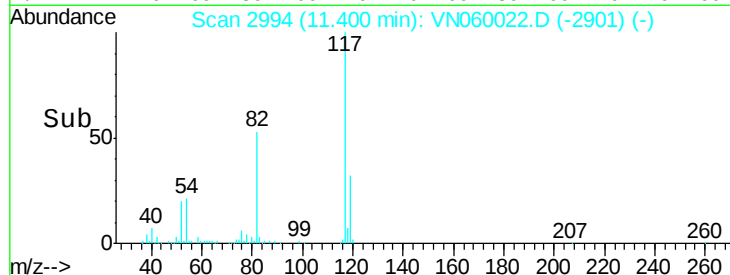
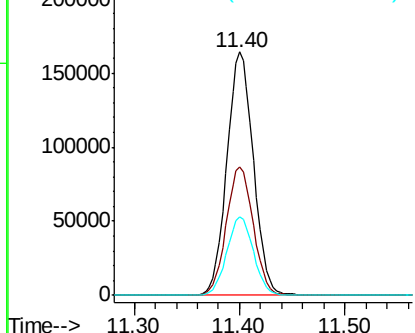
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060022.D
Acq: 7 Feb 2020 11:35

Instrument :
MSVOA_N
ClientSampleId :
VNJ-209

Tot Ion:117 Resp: 284958
Ion Ratio Lower Upper
117 100
82 52.8 45.9 68.9
119 32.1 25.5 38.3

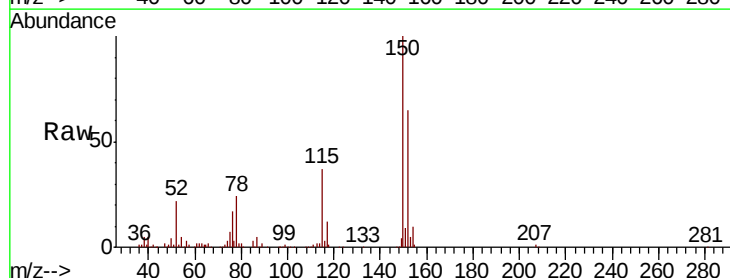


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN060022.D
Acq: 7 Feb 2020 11:35

Tgt Ion:152 Resp: 128316
Ion Ratio Lower Upper
152 100
115 58.2 30.3 90.9
150 154.6 0.0 345.2



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

