

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020720\
 Data File : VN060024.D
 Acq On : 7 Feb 2020 12:21
 Operator : JC/MD
 Sample : L1431-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 06

Quant Time: Feb 07 23:43:33 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

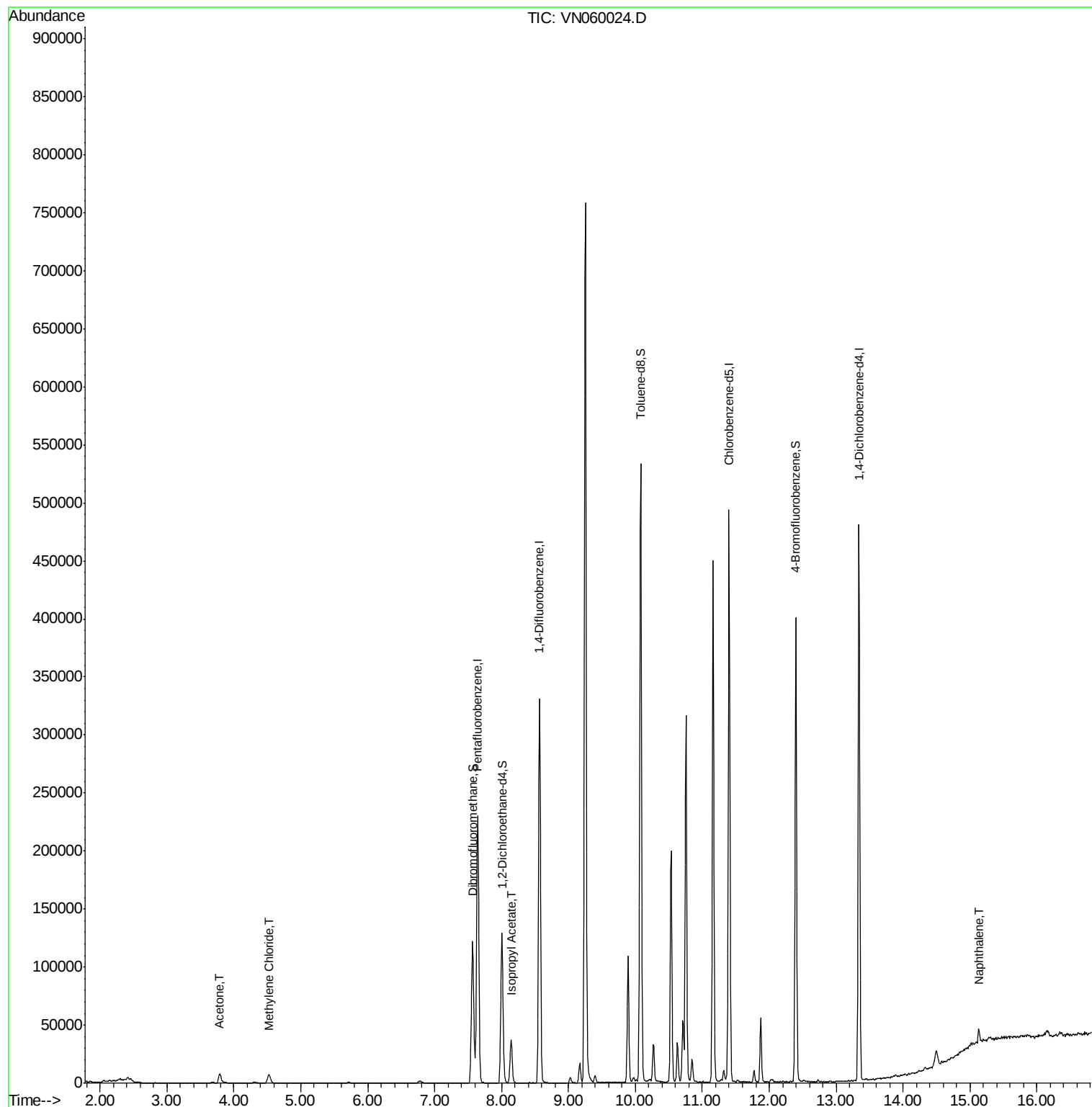
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	194732	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	302781	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	286296	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	131353	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	113901	52.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.34%	
35) Dibromofluoromethane	7.57	113	91818	50.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.70%	
50) Toluene-d8	10.08	98	369435	52.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.62%	
62) 4-Bromofluorobenzene	12.40	95	134454	53.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.62%	
Target Compounds						
16) Acetone	3.79	43	15110	10.912	ug/l	93
20) Methylene Chloride	4.53	84	6080	1.862	ug/l	89
43) Isopropyl Acetate	8.14	43	43569	10.243	ug/l	92
95) Naphthalene	15.13	128	10301	1.439	ug/l	99

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

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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: VN060024.D

Acq: 7 Feb 2020 12:21

Instrument :

MSVOA_N

ClientSampleId :

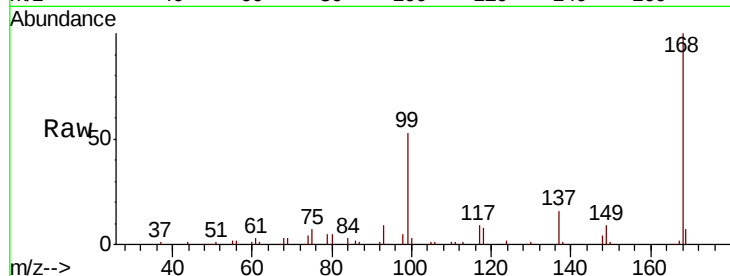
06

Tot Ion:168 Resp: 194732

Ion Ratio Lower Upper

168 100

99 53.1 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VN060024.D (-1732) (-)

Ion 98.90 (98.60 to 99.60): VN060024.D (-1732) (-)

7.64

80000

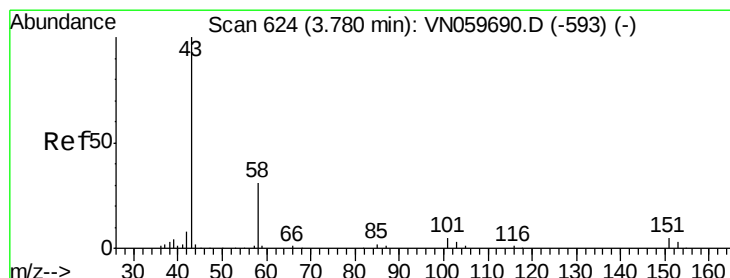
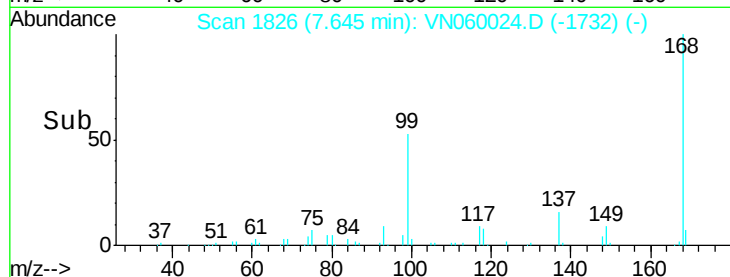
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 10.912 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060024.D

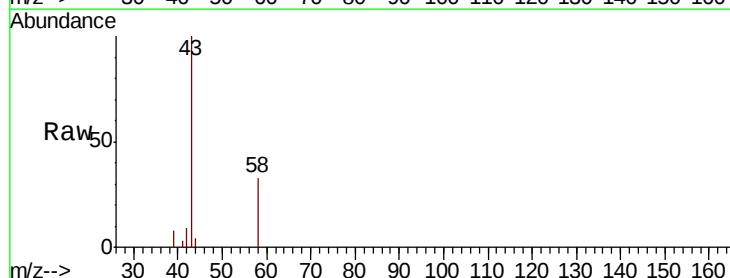
Acq: 7 Feb 2020 12:21

Tgt Ion: 43 Resp: 15110

Ion Ratio Lower Upper

43 100

58 33.1 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN060024.D (-530) (-)

Ion 58.00 (57.70 to 58.70): VN060024.D (-530) (-)

3.79

6000

5000

4000

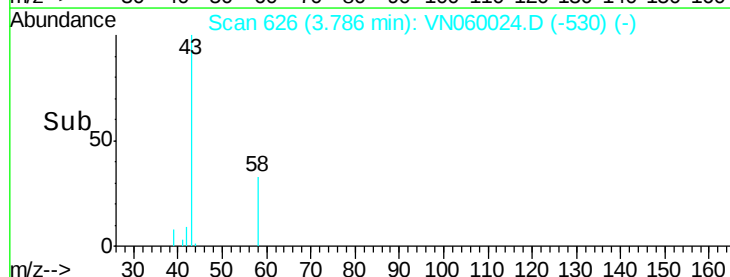
3000

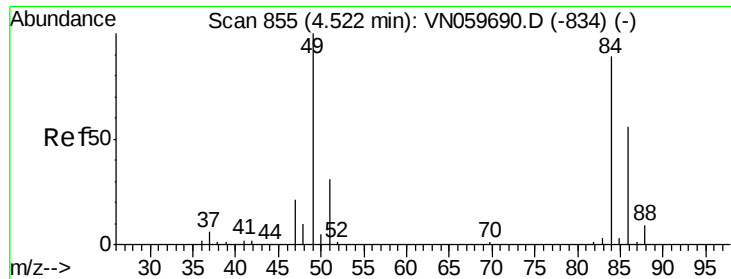
2000

1000

0

Time-->

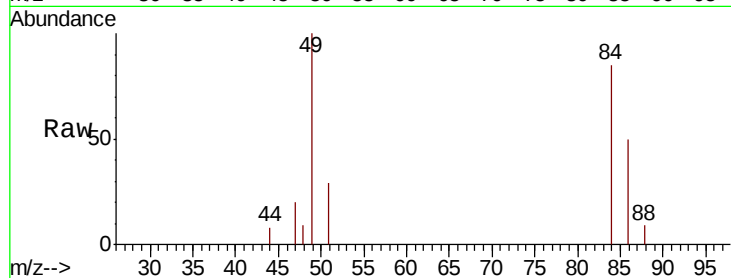




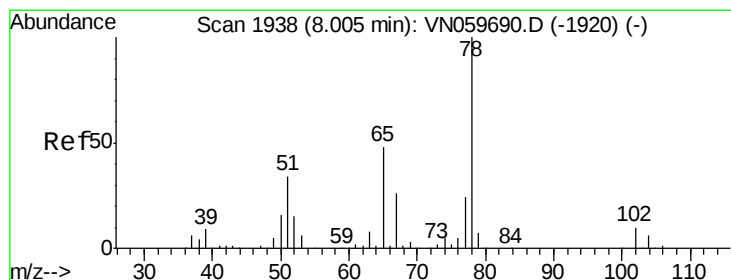
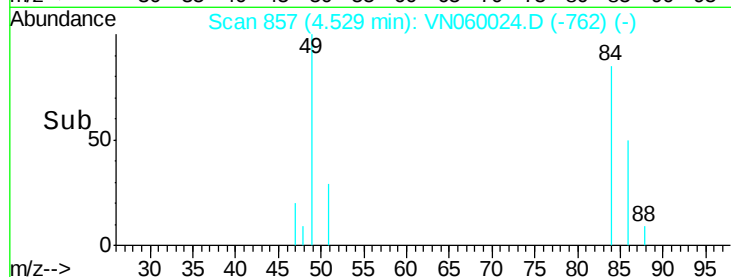
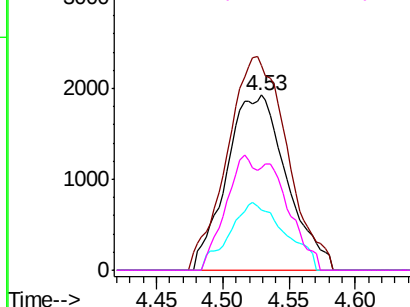
#20
Methylene Chloride
Concen: 1.862 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.01 min
Lab File: VN060024.D
Acq: 7 Feb 2020 12:21

Instrument :
MSVOA_N
ClientSampled :
06

Tot Ion: 84 Resp: 6080
Ion Ratio Lower Upper
84 100
49 117.2 106.6 160.0
51 34.1 31.9 47.9
86 58.4 50.8 76.2

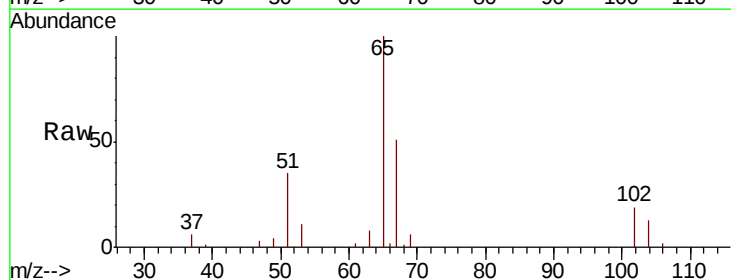


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

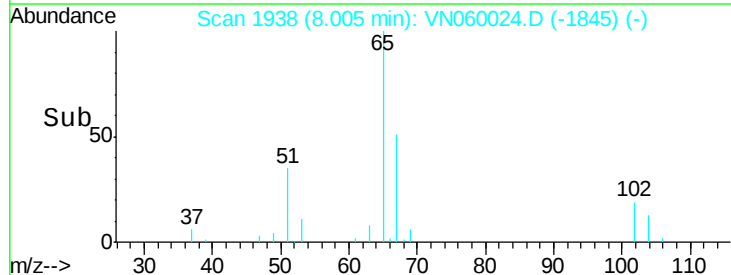
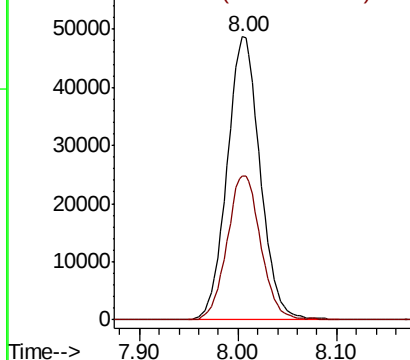


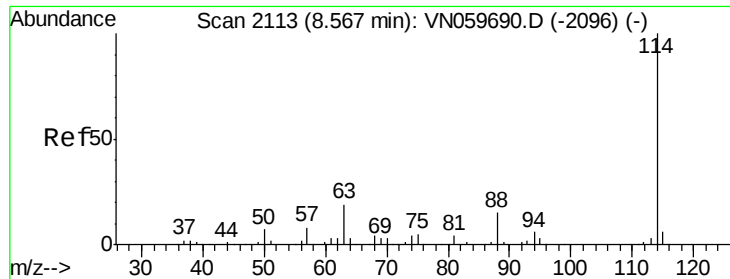
#33
1,2-Dichloroethane-d4
Concen: 52.670 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN060024.D
Acq: 7 Feb 2020 12:21

Tgt Ion: 65 Resp: 113901
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

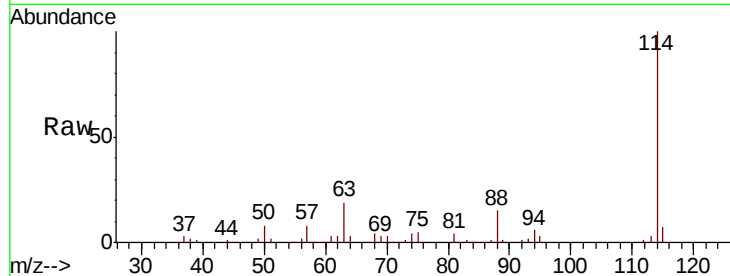




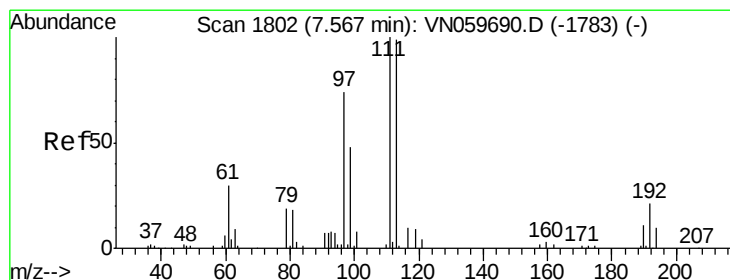
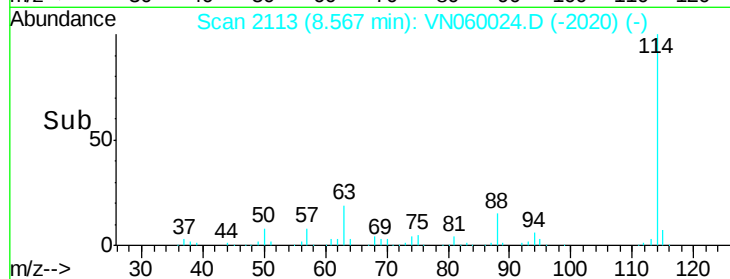
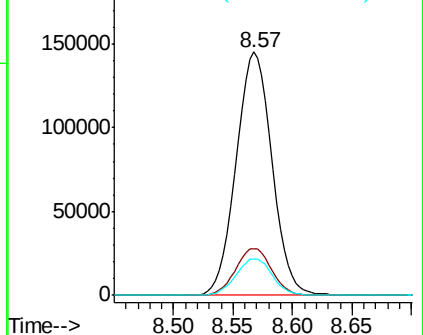
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060024.D
 Acq: 7 Feb 2020 12:21

Instrument :
 MSVOA_N
 ClientSampleId :
 06

Tot Ion:114 Resp: 302781
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 43.6
 88 15.0 0.0 31.4

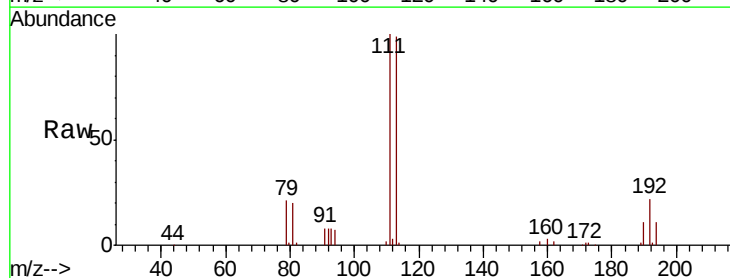


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

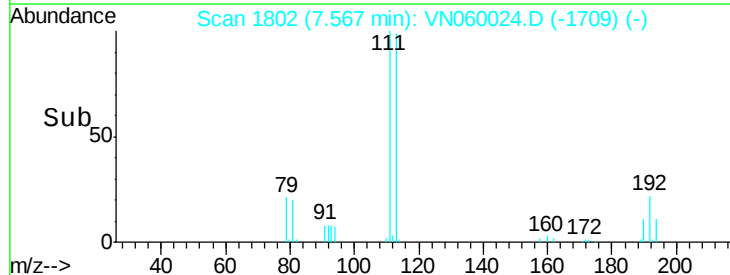
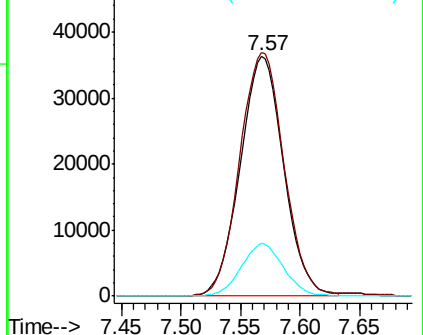


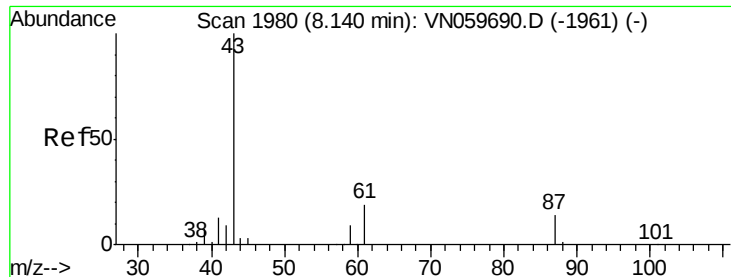
#35
 Dibromofluoromethane
 Concen: 50.851 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN060024.D
 Acq: 7 Feb 2020 12:21

Tgt Ion:113 Resp: 91818
 Ion Ratio Lower Upper
 113 100
 111 104.6 83.5 125.3
 192 21.3 15.4 23.2



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 10.243 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN060024.D

Acq: 7 Feb 2020 12:21

Instrument :

MSVOA_N

ClientSampled :

06

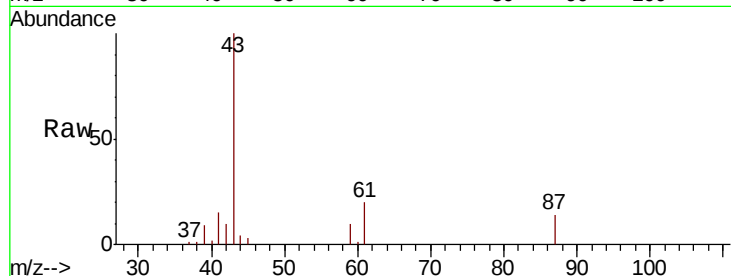
Tot Ion: 43 Resp: 43569

Ion Ratio Lower Upper

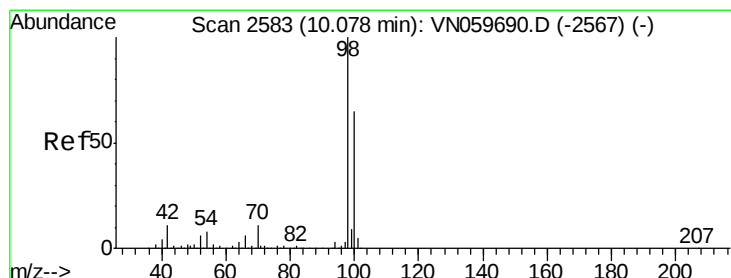
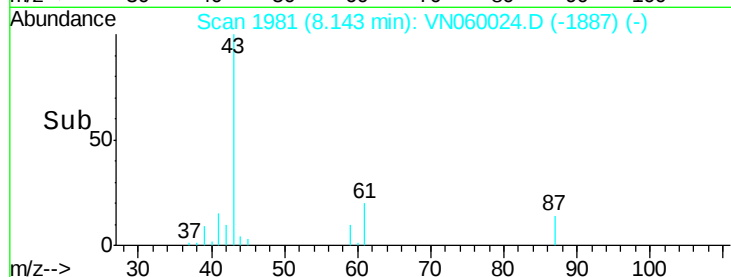
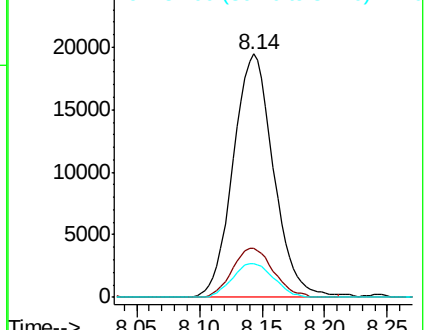
43 100

61 20.4 20.2 30.2

87 14.2 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 52.808 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060024.D

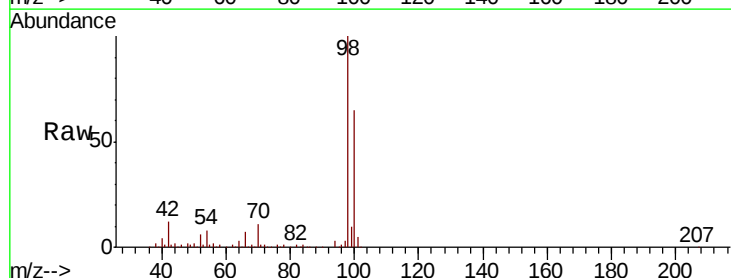
Acq: 7 Feb 2020 12:21

Tgt Ion: 98 Resp: 369435

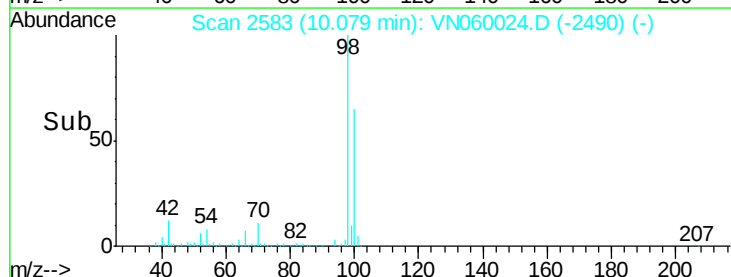
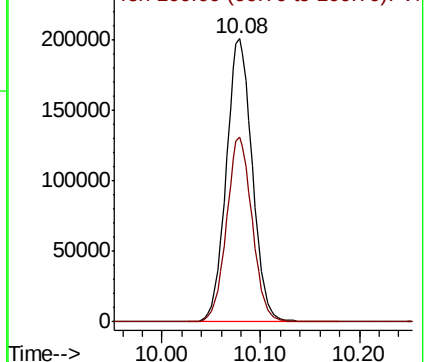
Ion Ratio Lower Upper

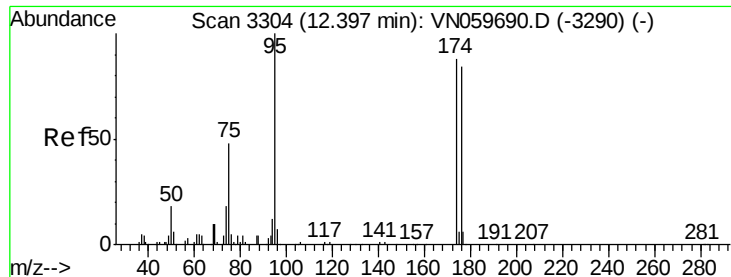
98 100

100 64.4 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

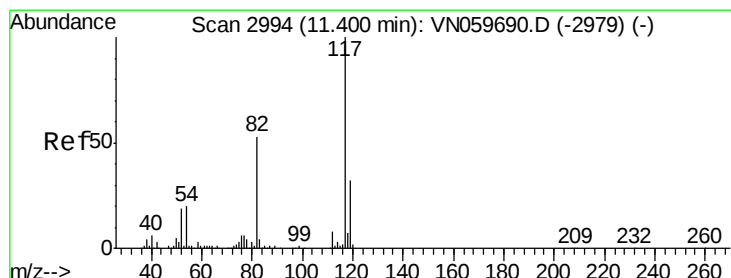
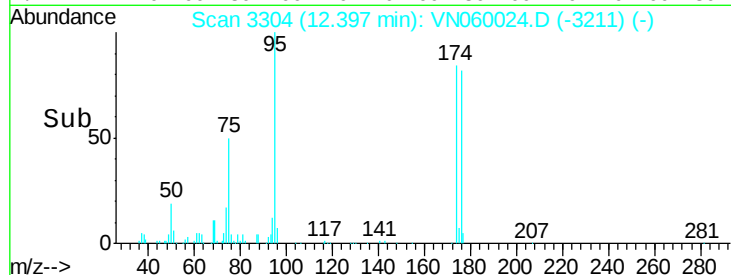
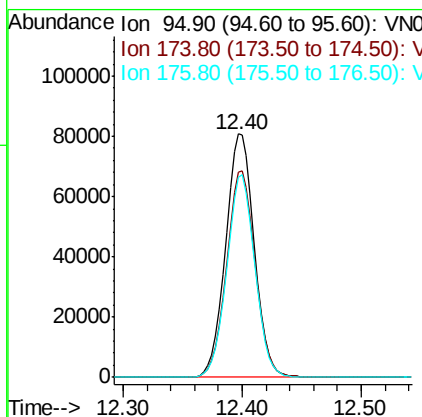
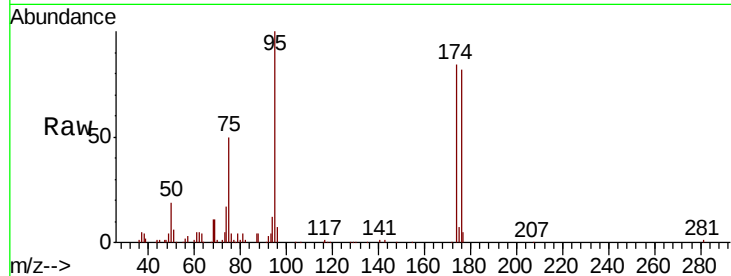




#62
4-Bromofluorobenzene
Concen: 53.312 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN060024.D
Acq: 7 Feb 2020 12:21

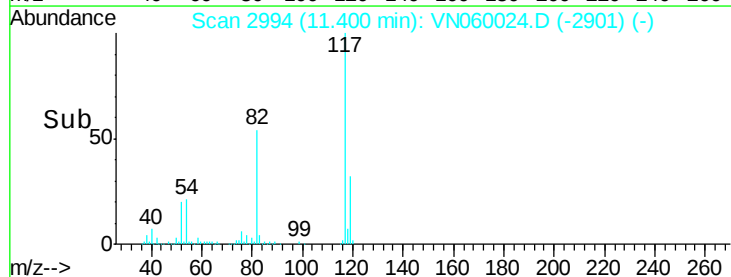
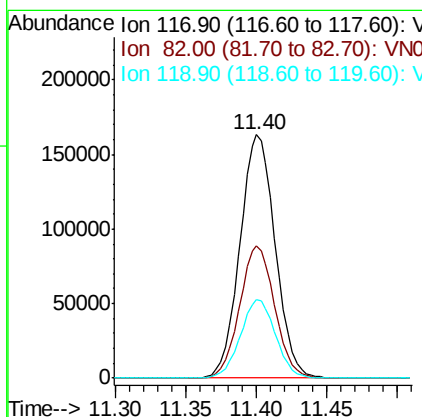
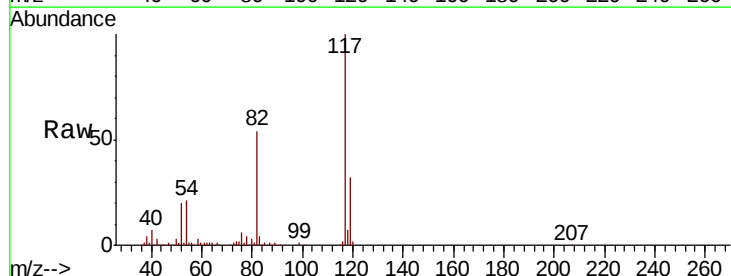
Instrument :
MSVOA_N
ClientSampled :
06

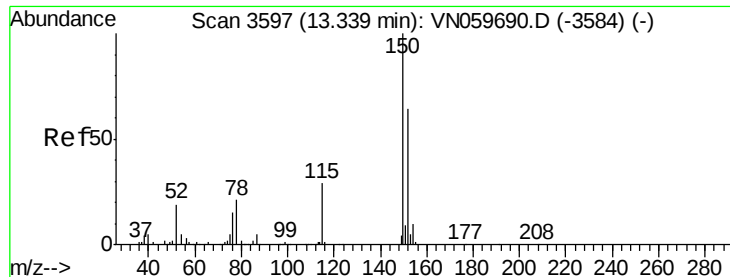
Tot Ion: 95 Resp: 134454
Ion Ratio Lower Upper
95 100
174 84.7 0.0 151.4
176 81.6 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060024.D
Acq: 7 Feb 2020 12:21

Tgt Ion: 117 Resp: 286296
Ion Ratio Lower Upper
117 100
82 54.3 45.9 68.9
119 32.1 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN060024.D

Acq: 7 Feb 2020 12:21

Instrument :

MSVOA_N

ClientSampleId :

06

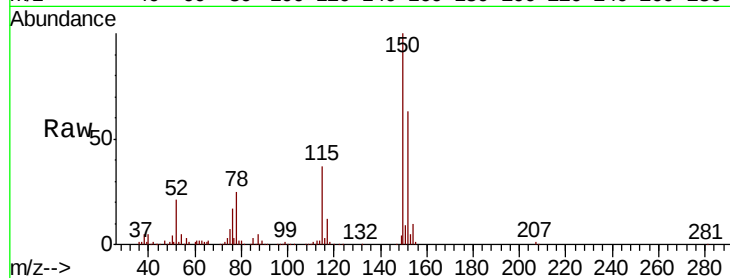
Tot Ion:152 Resp: 131353

Ion Ratio Lower Upper

152 100

115 58.1 30.3 90.9

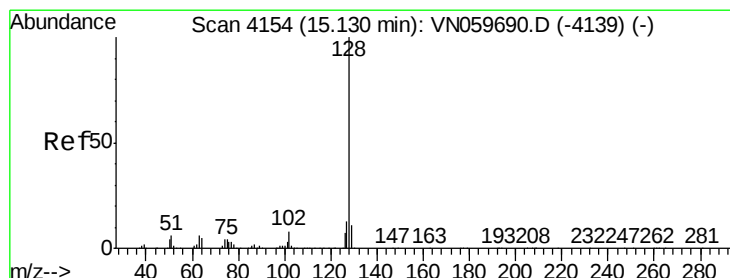
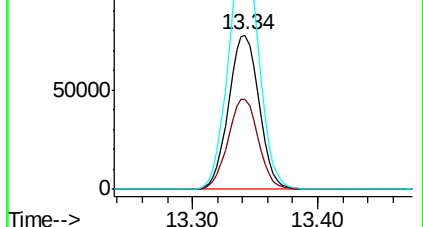
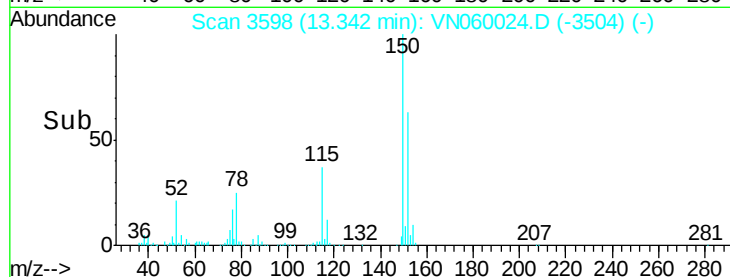
150 156.6 0.0 345.2



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



#95

Naphthalene

Concen: 1.439 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN060024.D

Acq: 7 Feb 2020 12:21

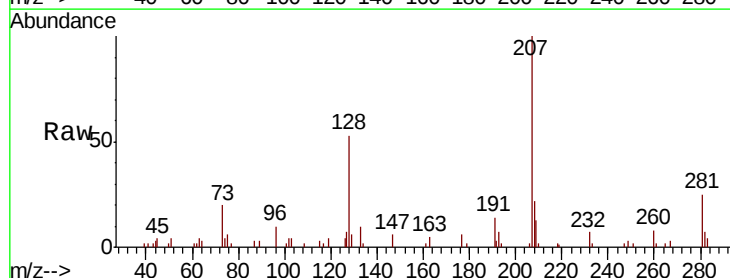
Tgt Ion:128 Resp: 10301

Ion Ratio Lower Upper

128 100

127 13.4 10.4 15.6

129 11.0 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

