

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022520\
 Data File : VN060228.D
 Acq On : 25 Feb 2020 12:57
 Operator : JC/MD
 Sample : L1668-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30830

Quant Time: Feb 25 16:42:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

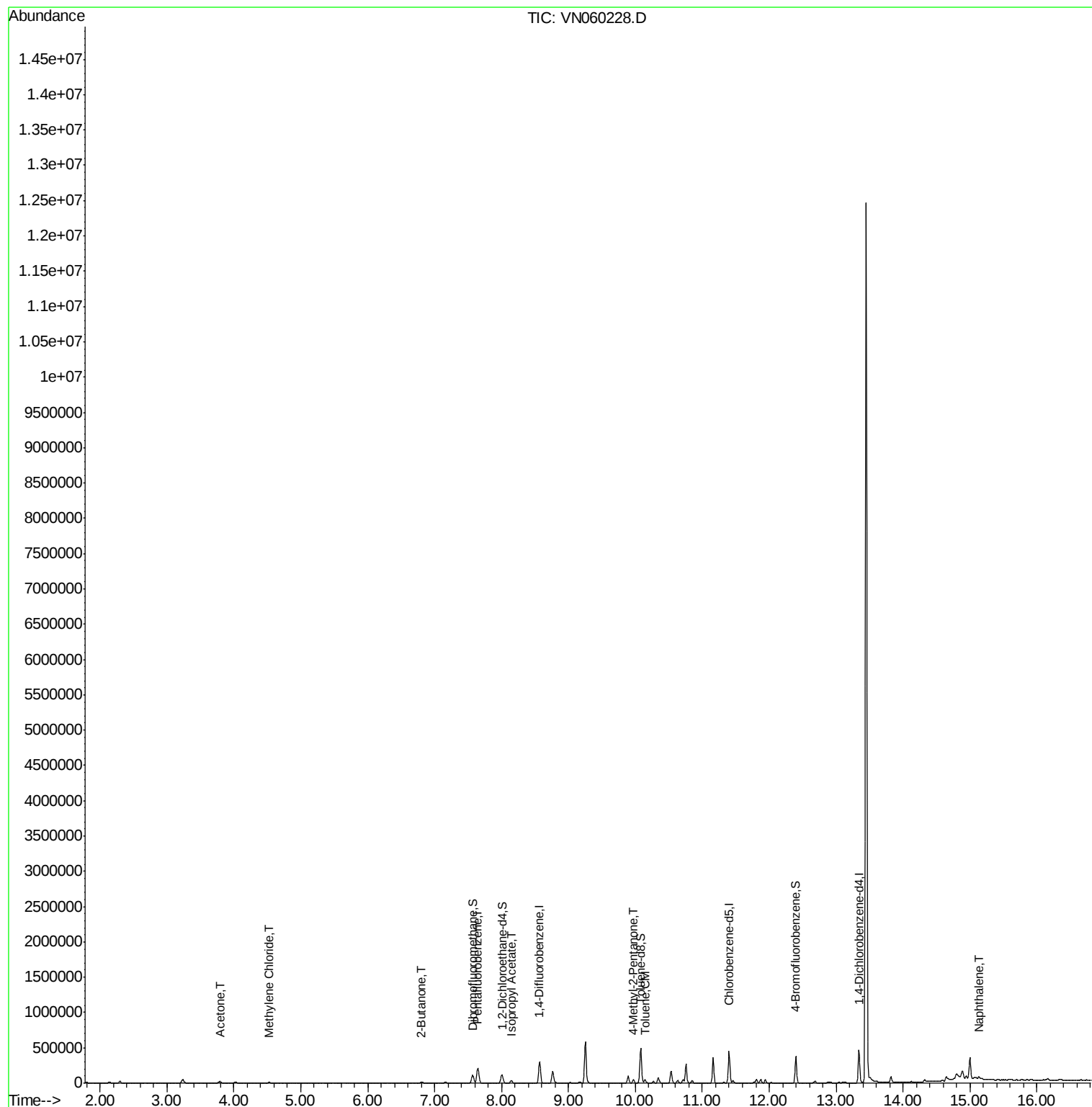
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	177320	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	276765	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	267053	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	127825	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	104195	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	
35) Dibromofluoromethane	7.57	113	84900	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
50) Toluene-d8	10.08	98	339111	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	
62) 4-Bromofluorobenzene	12.40	95	125090	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
Target Compounds						
16) Acetone	3.79	43	40105	42.612	ug/l	100
20) Methylene Chloride	4.53	84	7429	3.956	ug/l	96
25) 2-Butanone	6.81	43	17541	14.819	ug/l	98
43) Isopropyl Acetate	8.14	43	40089	10.122	ug/l #	90
51) 4-Methyl-2-Pentanone	9.97	43	32233	14.061	ug/l	100
52) Toluene	10.14	92	20441	4.192	ug/l	96
95) Naphthalene	15.13	128	30356	4.661	ug/l	99

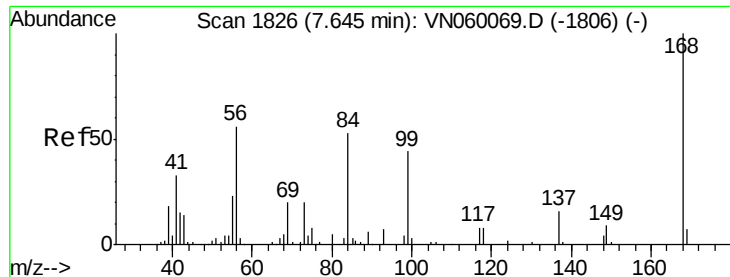
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN022520\
Data File : VN060228.D
Acq On : 25 Feb 2020 12:57
Operator : JC/MD
Sample : L1668-05
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
30830

Quant Time: Feb 25 16:42:17 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 12 14:12:21 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN060228.D

Acq: 25 Feb 2020 12:57

Instrument :

MSVOA_N

ClientSampled :

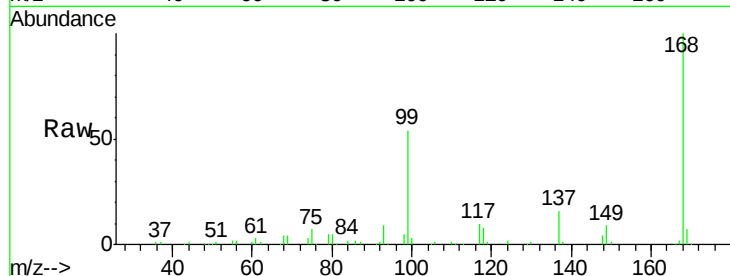
30830

Tot Ion:168 Resp: 177320

Ion Ratio Lower Upper

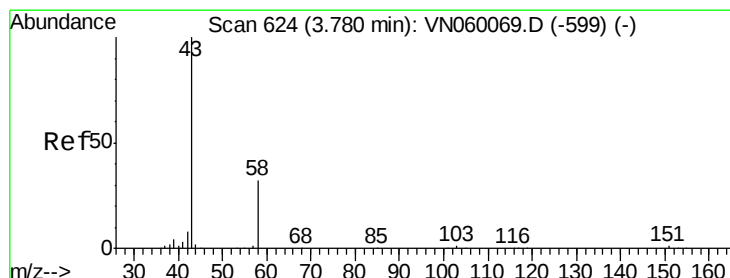
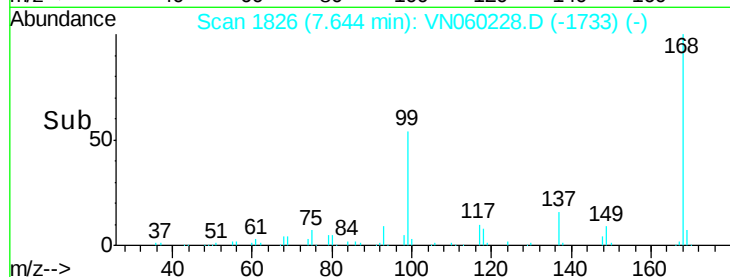
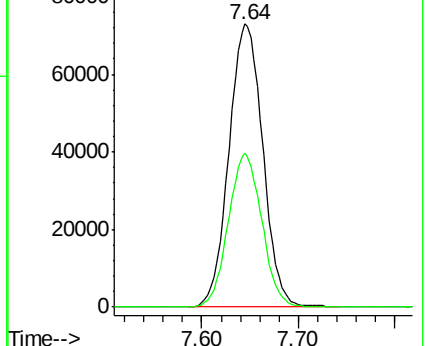
168 100

99 54.4 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 42.612 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060228.D

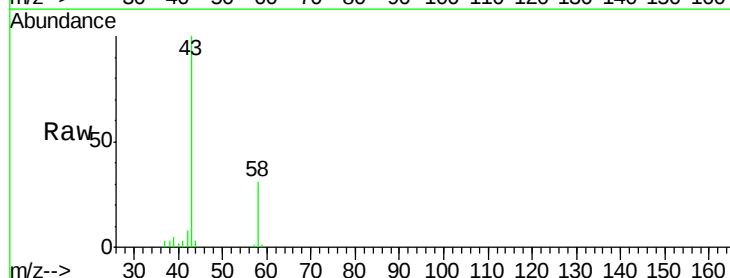
Acq: 25 Feb 2020 12:57

Tgt Ion: 43 Resp: 40105

Ion Ratio Lower Upper

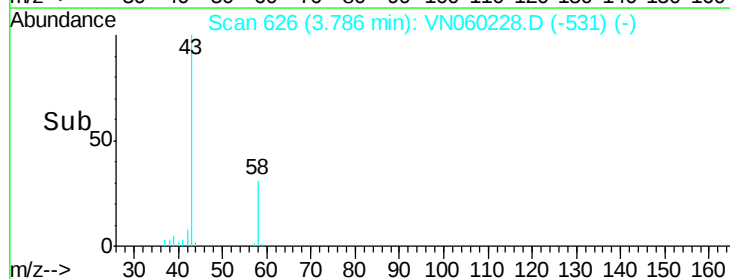
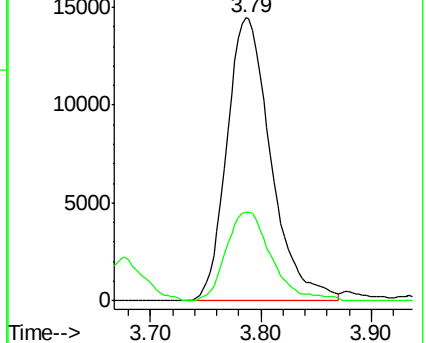
43 100

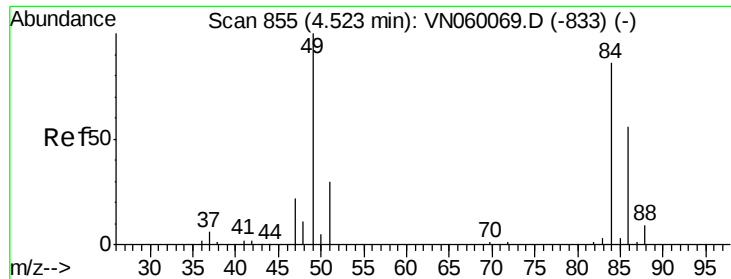
58 31.3 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

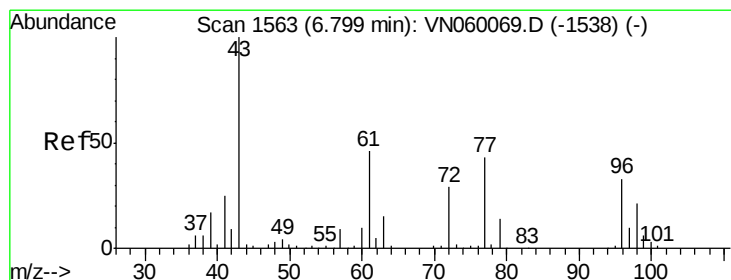
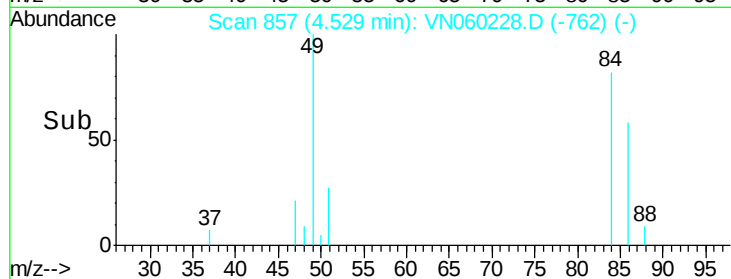
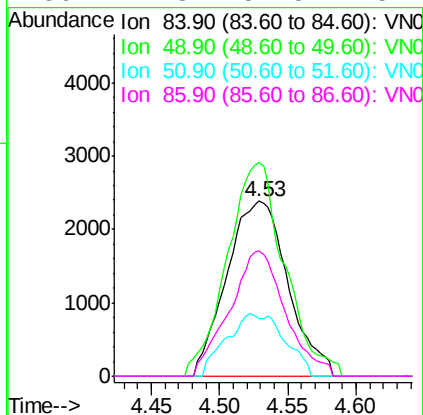
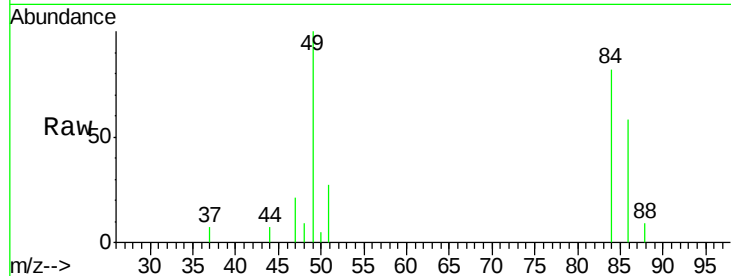




#20
Methvlene Chloride
Concen: 3.956 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.01 min
Lab File: VN060228.D
Acq: 25 Feb 2020 12:57

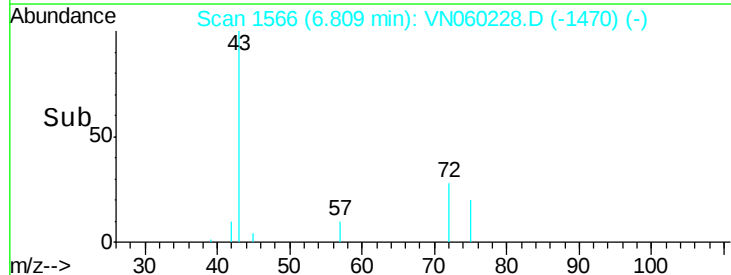
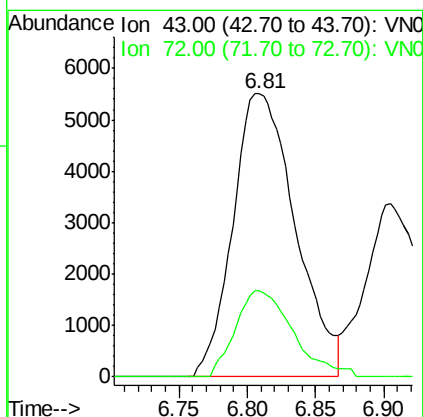
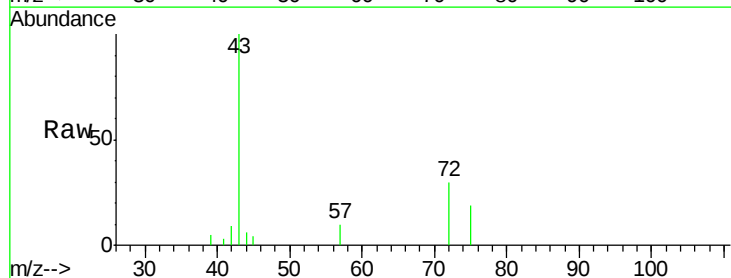
Instrument :
MSVOA_N
ClientSampled :
30830

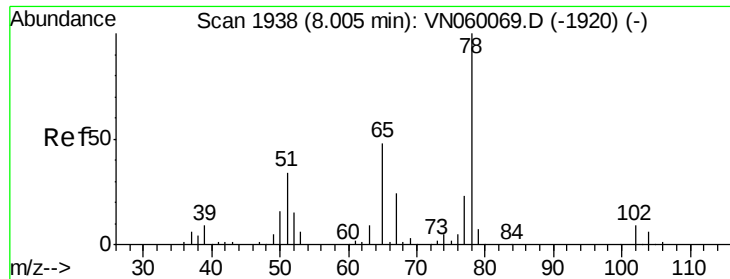
Tot Ion: 84 Resp: 7429
Ion Ratio Lower Upper
84 100
49 115.0 93.4 140.0
51 33.1 28.4 42.6
86 71.3 52.5 78.7



#25
2-Butanone
Concen: 14.819 ug/l
RT: 6.81 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VN060228.D
Acq: 25 Feb 2020 12:57

Tgt Ion: 43 Resp: 17541
Ion Ratio Lower Upper
43 100
72 30.4 23.3 34.9

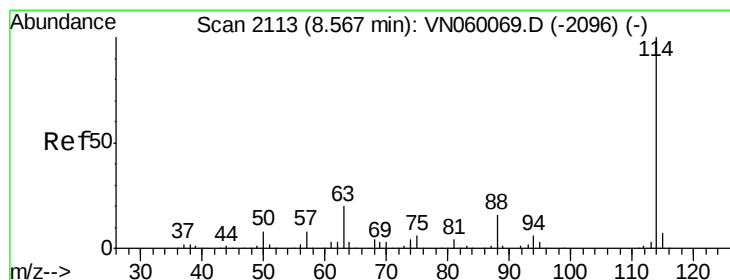
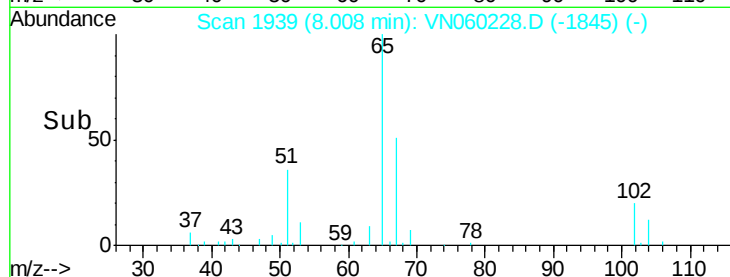
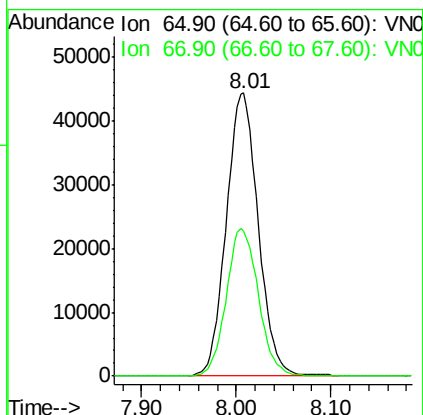
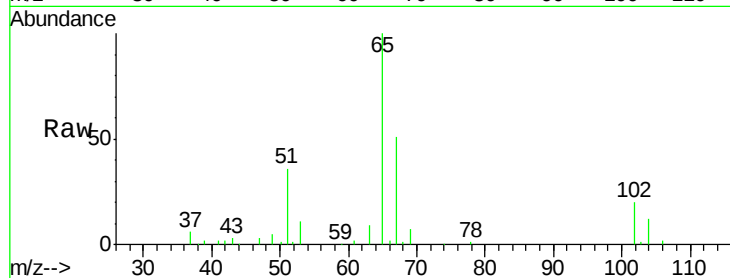




#33
 1,2-Dichloroethane-d4
 Concen: 48.290 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN060228.D
 Acq: 25 Feb 2020 12:57

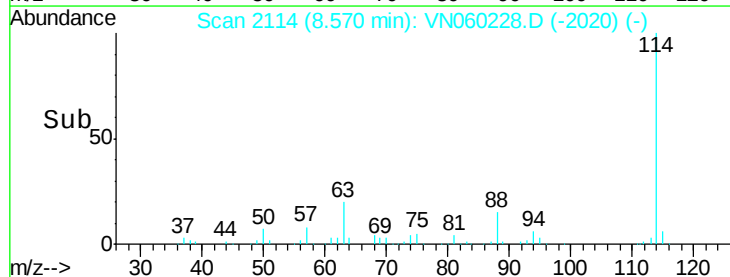
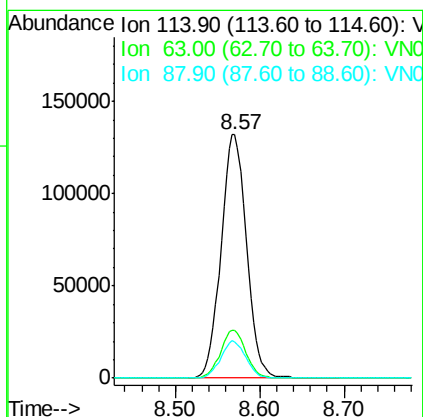
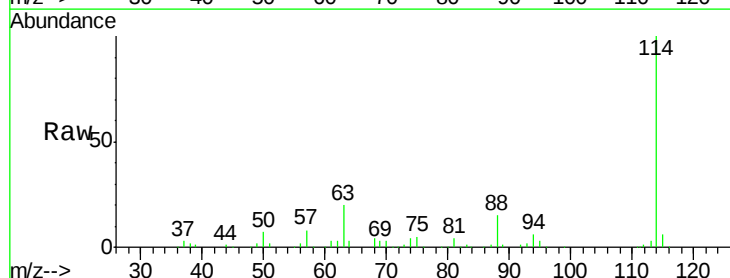
Instrument :
 MSVOA_N
 ClientSampleID :
 30830

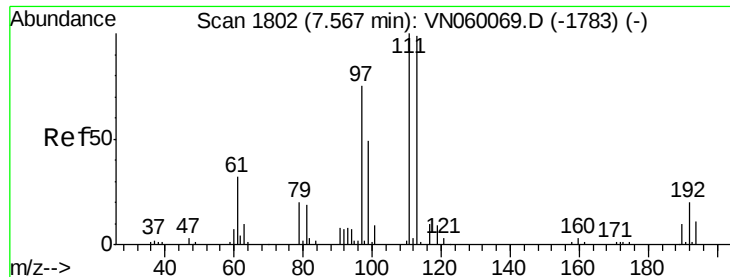
Tot Ion: 65 Resp: 104195
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN060228.D
 Acq: 25 Feb 2020 12:57

Tgt Ion: 114 Resp: 276765
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.0
 88 15.1 0.0 31.6

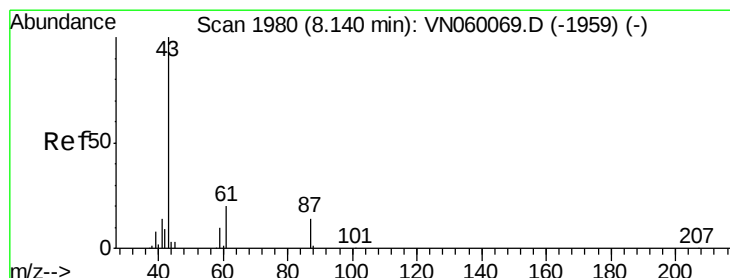
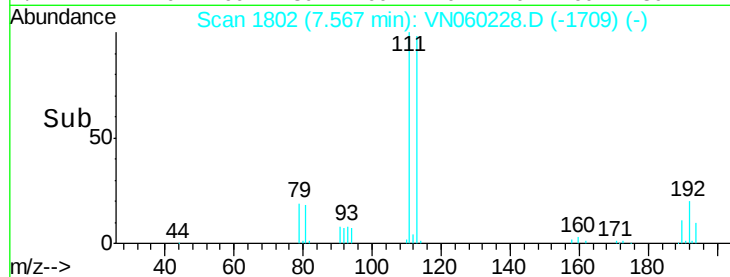
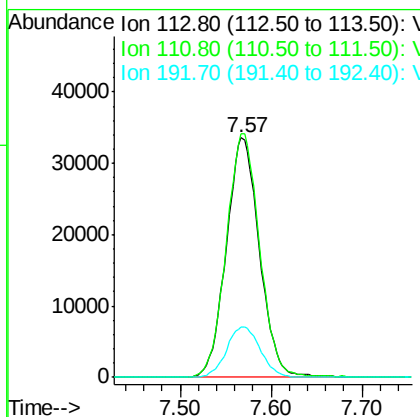
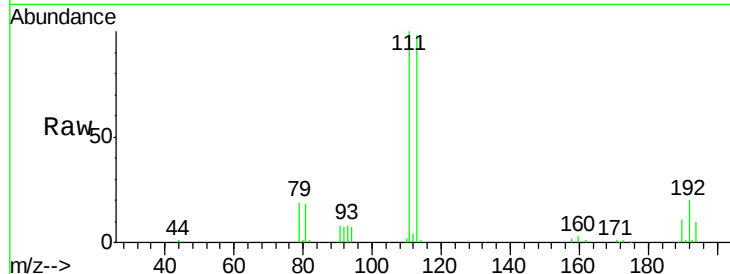




#35
 Dibromofluoromethane
 Concen: 49.904 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN060228.D
 Acq: 25 Feb 2020 12:57

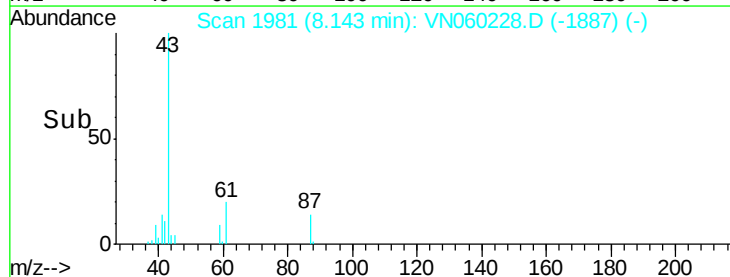
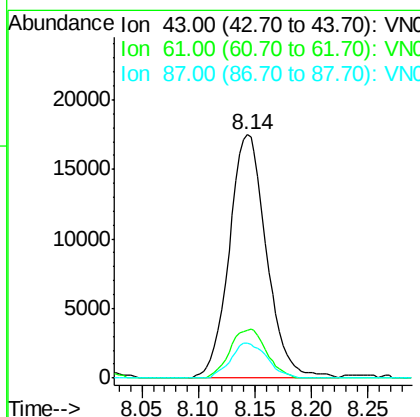
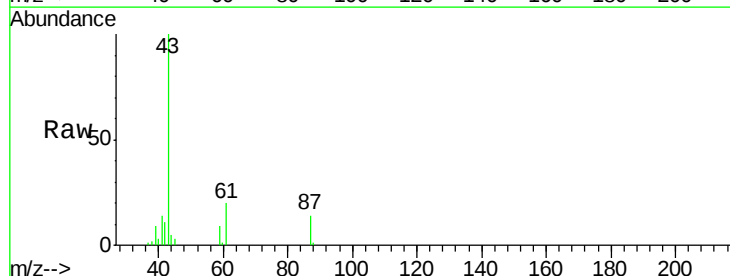
Instrument :
 MSVOA_N
 ClientSampled :
 30830

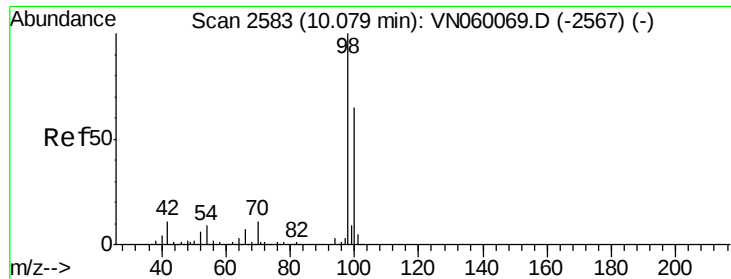
Tot Ion:113 Resp: 84900
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.4 122.2
 192 21.2 16.2 24.2



#43
 Isopropyl Acetate
 Concen: 10.122 ug/l
 RT: 8.14 min Scan# 1981
 Delta R.T. 0.00 min
 Lab File: VN060228.D
 Acq: 25 Feb 2020 12:57

Tgt Ion: 43 Resp: 40089
 Ion Ratio Lower Upper
 43 100
 61 19.6 21.8 32.6#
 87 13.9 11.4 17.2





#50

Toluene-d8

Concen: 50.617 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060228.D

Acq: 25 Feb 2020 12:57

Instrument :

MSVOA_N

ClientSampleId :

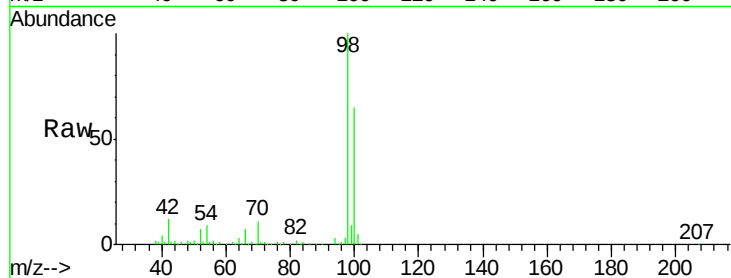
30830

Tot Ion: 98 Resp: 339111

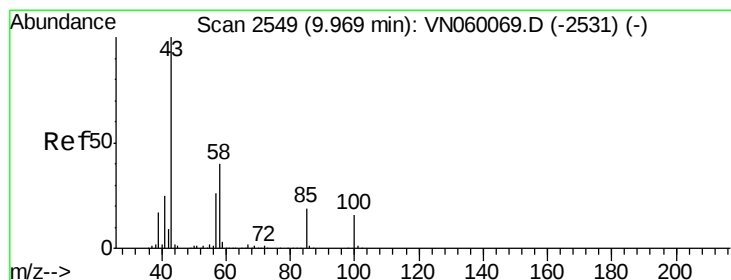
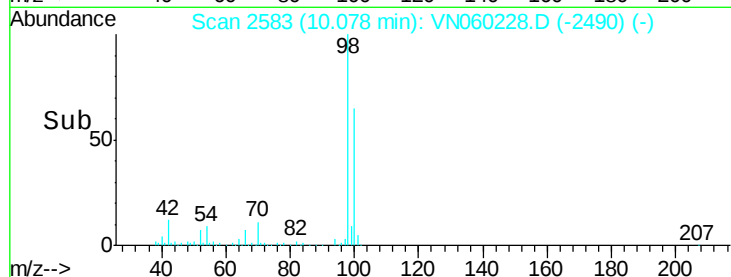
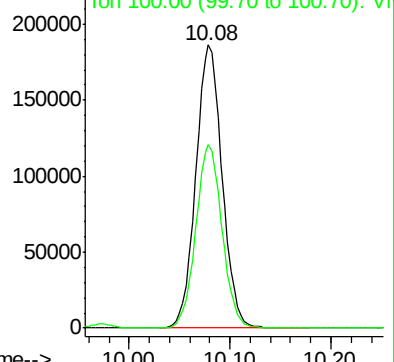
Ion Ratio Lower Upper

98 100

100 64.5 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN060069.D (-2567) (-)



#51

4-Methyl-2-Pentanone

Concen: 14.061 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. -0.00 min

Lab File: VN060228.D

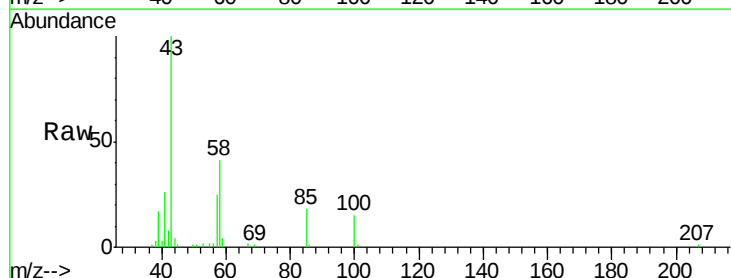
Acq: 25 Feb 2020 12:57

Tgt Ion: 43 Resp: 32233

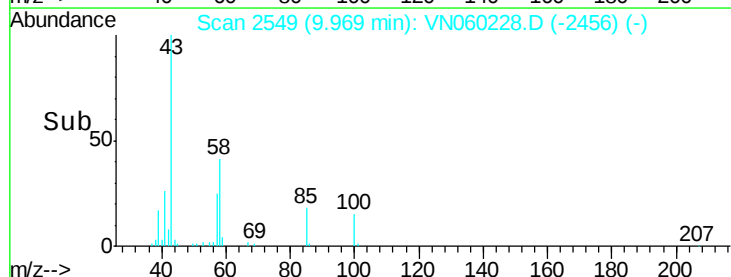
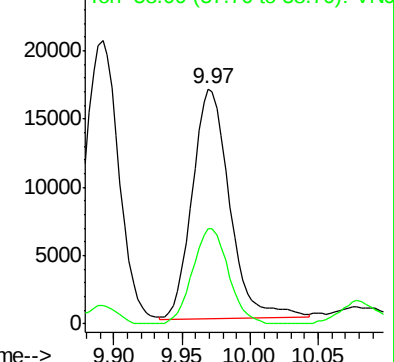
Ion Ratio Lower Upper

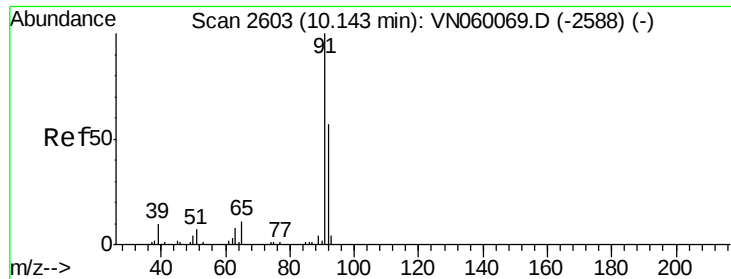
43 100

58 39.6 31.8 47.8



Abundance Ion 43.00 (42.70 to 43.70): VN060069.D (-2531) (-)





#52

Toluene

Concen: 4.192 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN060228.D

Acq: 25 Feb 2020 12:57

Instrument :

MSVOA_N

ClientSampleId :

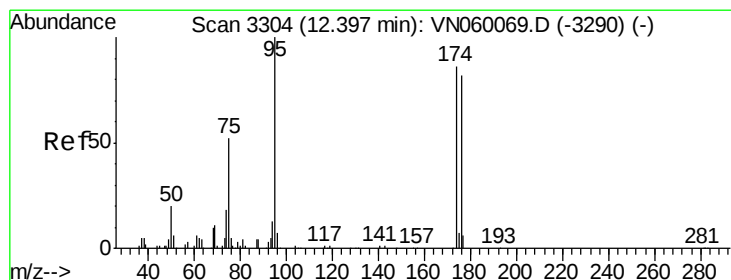
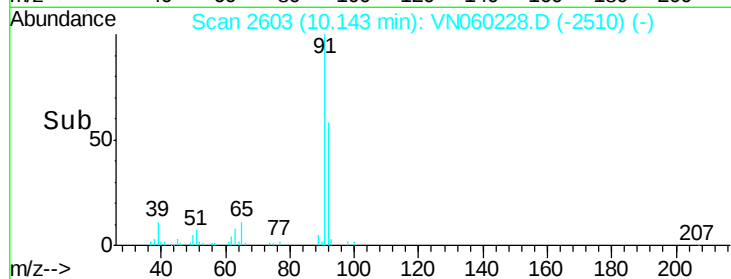
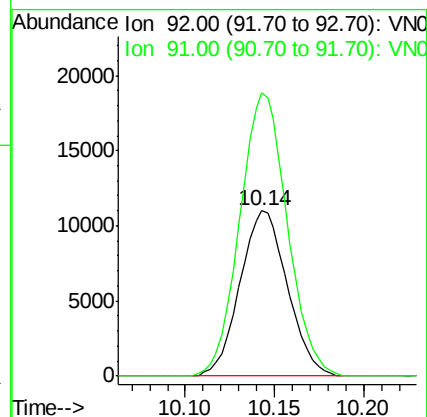
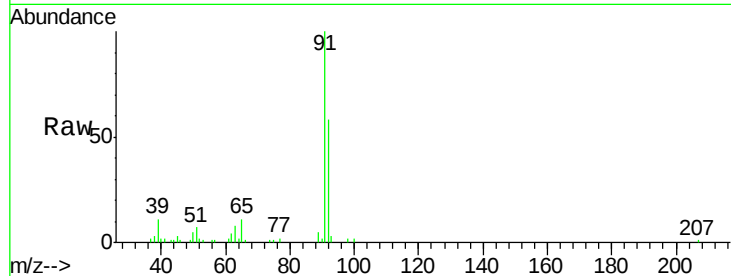
30830

Tot Ion: 92 Resp: 20441

Ion Ratio Lower Upper

92 100

91 171.0 140.9 211.3



#62

4-Bromofluorobenzene

Concen: 50.813 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060228.D

Acq: 25 Feb 2020 12:57

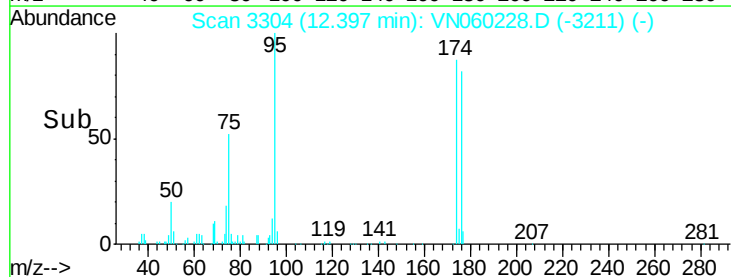
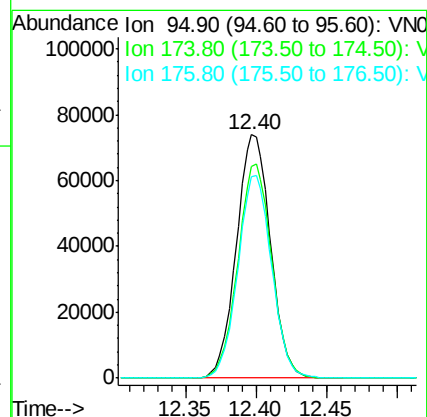
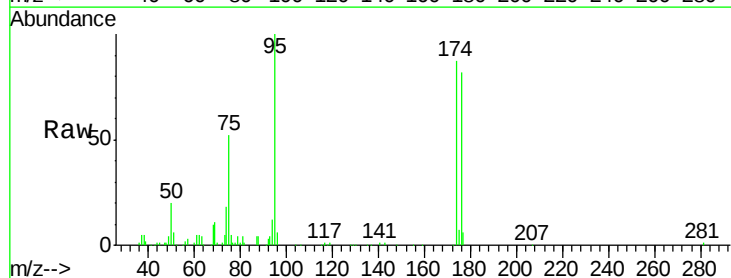
Tgt Ion: 95 Resp: 125090

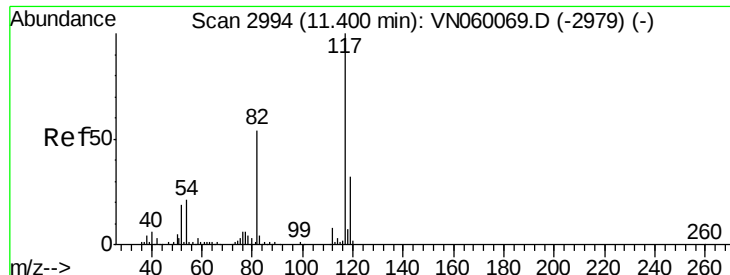
Ion Ratio Lower Upper

95 100

174 87.3 0.0 169.8

176 82.5 0.0 164.8

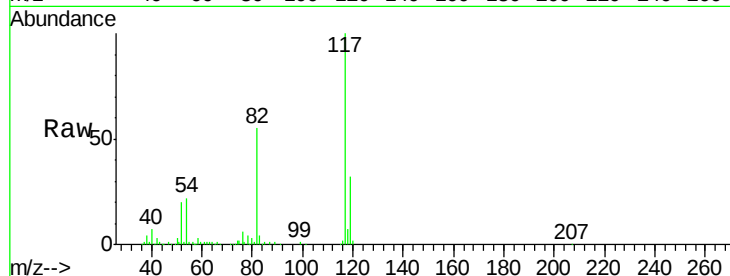




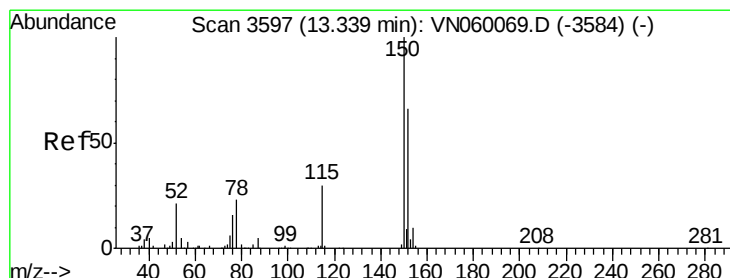
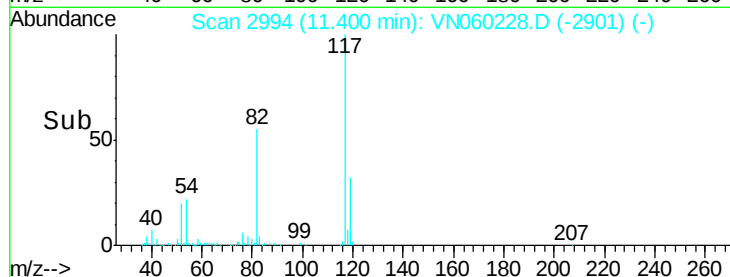
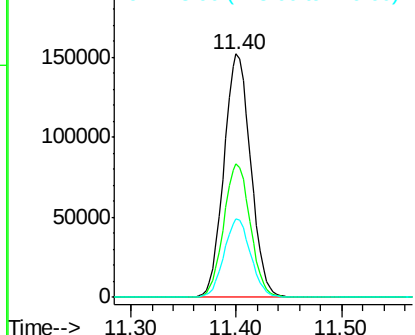
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060228.D
Acq: 25 Feb 2020 12:57

Instrument :
MSVOA_N
ClientSampled :
30830

Tot Ion:117 Resp: 267053
Ion Ratio Lower Upper
117 100
82 54.8 43.4 65.0
119 32.1 25.8 38.6

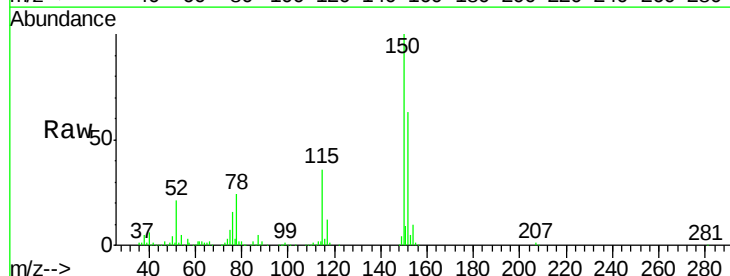


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

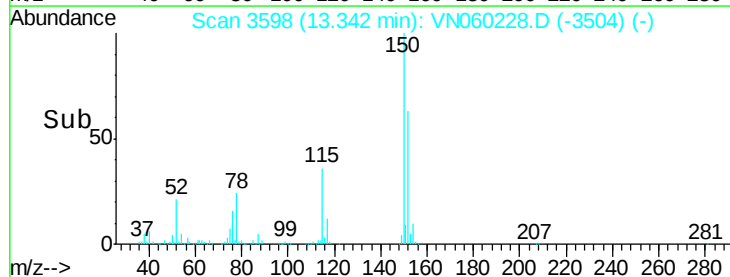
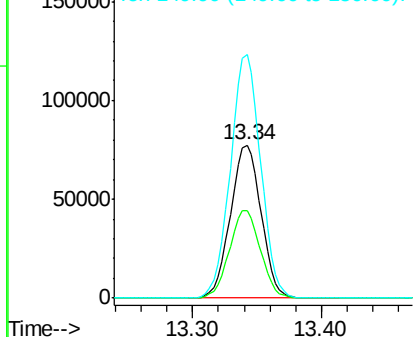


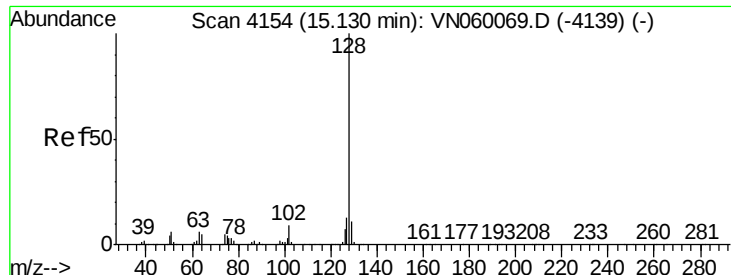
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN060228.D
Acq: 25 Feb 2020 12:57

Tgt Ion:152 Resp: 127825
Ion Ratio Lower Upper
152 100
115 57.8 28.9 86.8
150 156.8 0.0 342.4



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





#95

Naphthalene

Concen: 4.661 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN060228.D

Acq: 25 Feb 2020 12:57

Instrument :

MSVOA_N

ClientSampleId :

30830

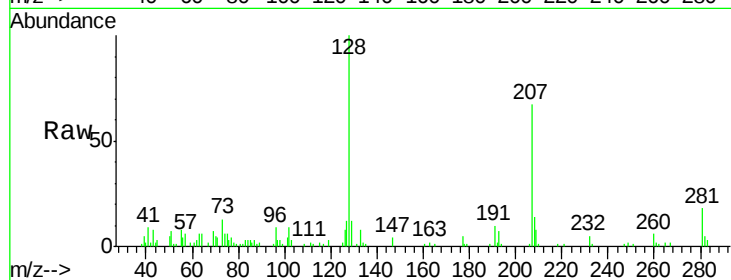
Tot Ion:128 Resp: 30356

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 11.7 8.6 13.0



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

