

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041420\
 Data File : VN060938.D
 Acq On : 14 Apr 2020 17:00
 Operator : JC/MD
 Sample : L2230-70
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-40-41-42

Quant Time: Apr 15 09:33:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

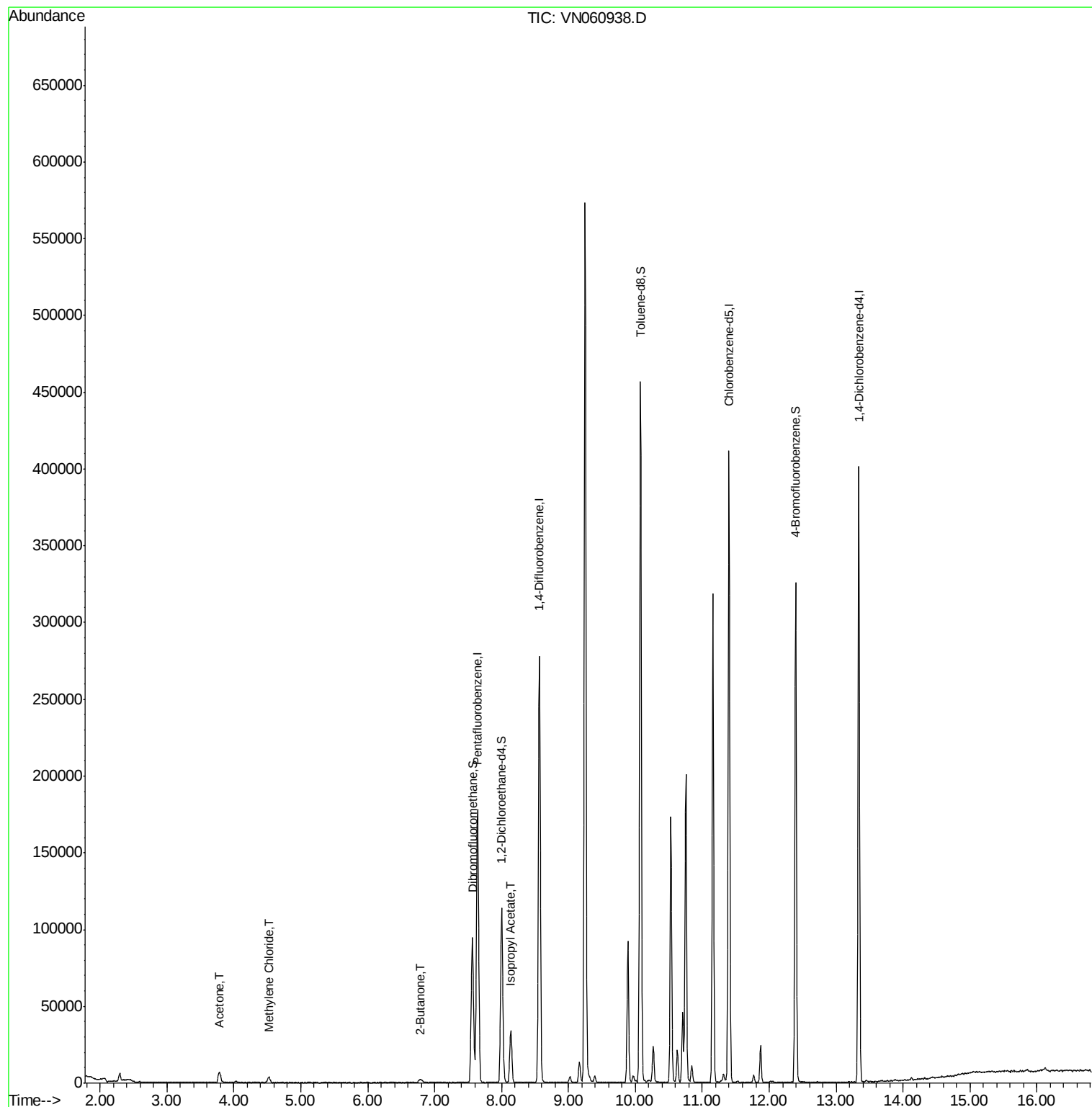
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	144155	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	248172	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	233447	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	105164	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	96895	48.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.92%	
35) Dibromofluoromethane	7.56	113	72936	48.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.20%	
50) Toluene-d8	10.08	98	309079	50.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.86%	
62) 4-Bromofluorobenzene	12.39	95	116575	51.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.80%	
Target Compounds						
16) Acetone	3.78	43	13528	19.299	ug/l	99
20) Methylene Chloride	4.53	84	2858	1.657	ug/l	96
25) 2-Butanone	6.80	43	3734	3.292	ug/l #	90
43) Isopropyl Acetate	8.14	43	41729	9.745	ug/l #	89

(#) = 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# 1825

Delta R.T. -0.00 min

Lab File: VN060938.D

Acq: 14 Apr 2020 17:00

Instrument :

MSVOA_N

ClientSampleId :

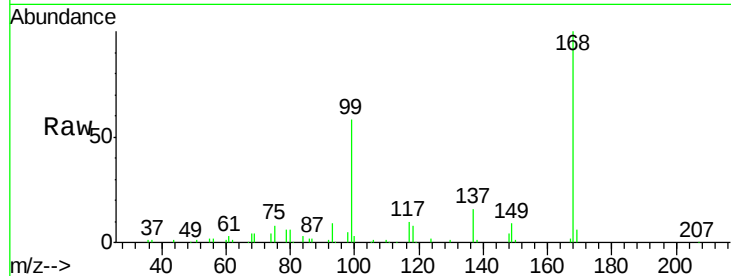
TP-40-41-42

Tot Ion:168 Resp: 144155

Ion Ratio Lower Upper

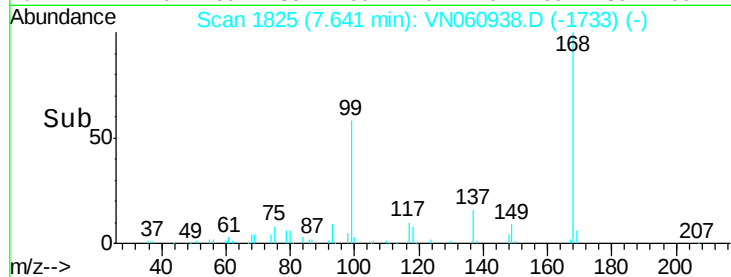
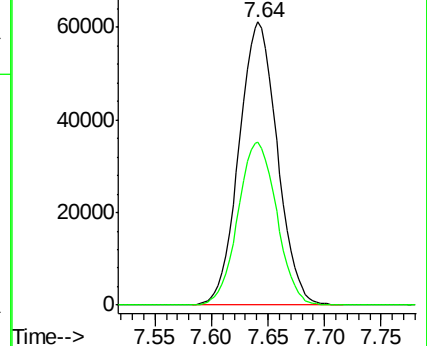
168 100

99 57.6 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 19.299 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN060938.D

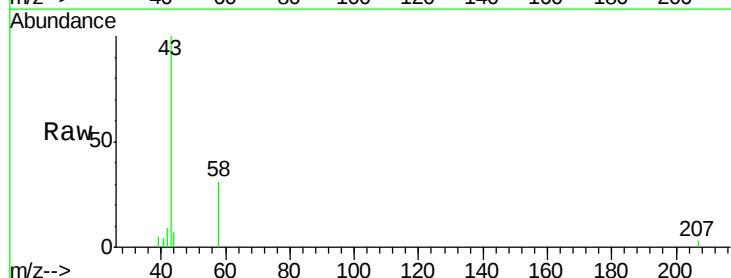
Acq: 14 Apr 2020 17:00

Tgt Ion: 43 Resp: 13528

Ion Ratio Lower Upper

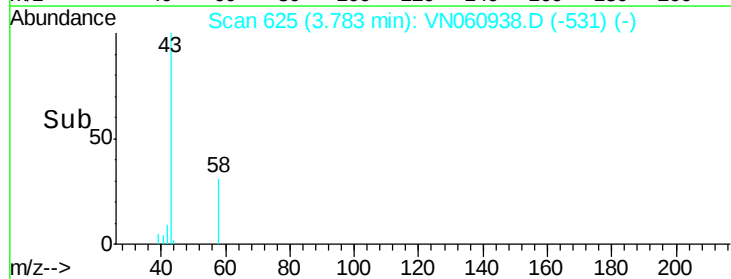
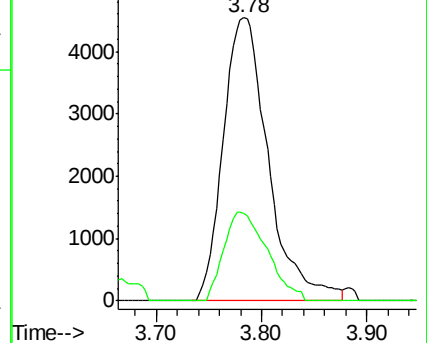
43 100

58 30.9 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

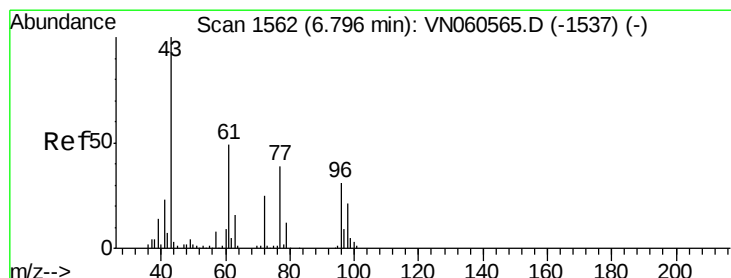
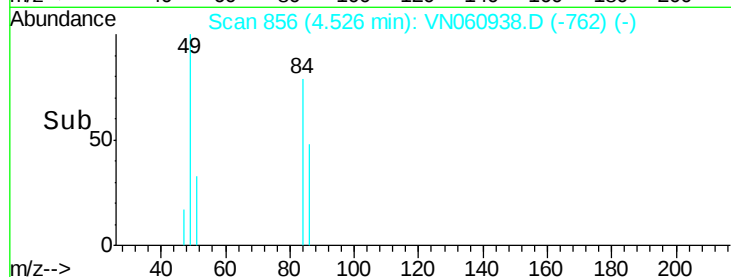
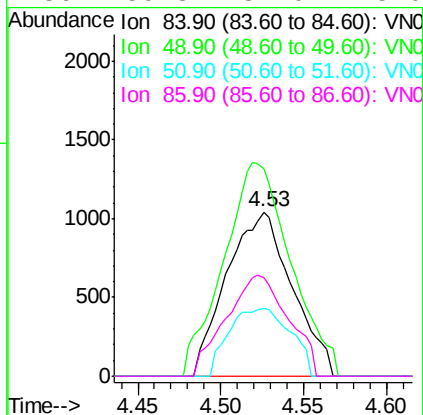
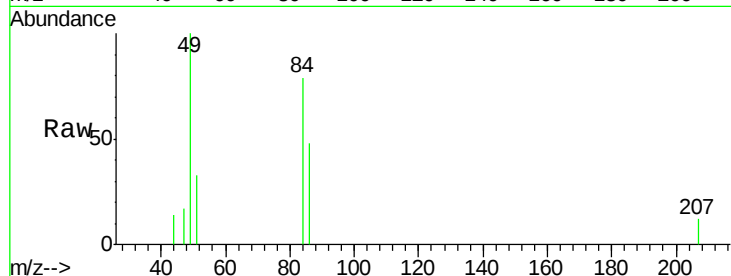




#20
Methylene Chloride
Concen: 1.657 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN060938.D
Acq: 14 Apr 2020 17:00

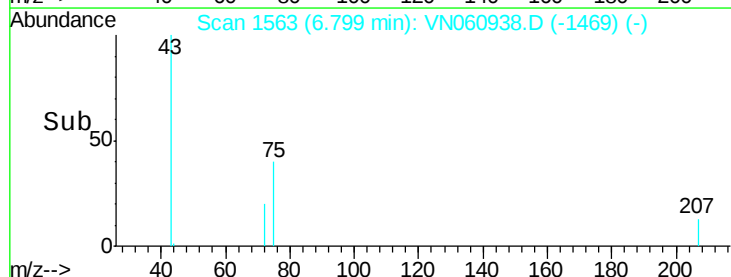
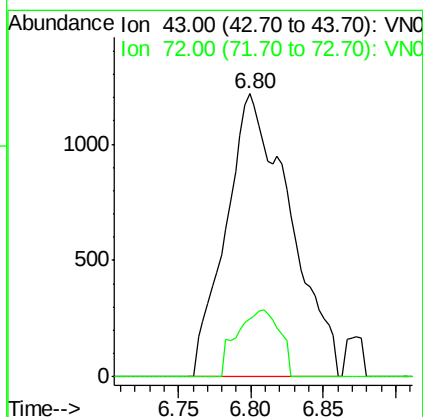
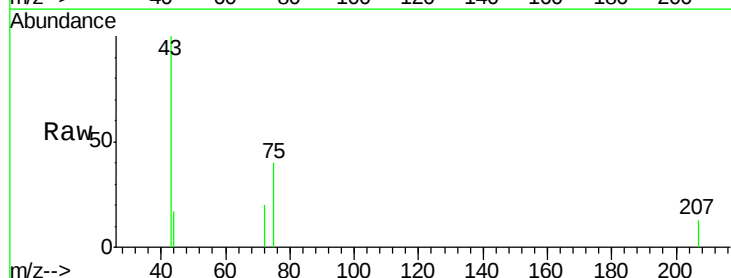
Instrument :
MSVOA_N
ClientSampled :
TP-40-41-42

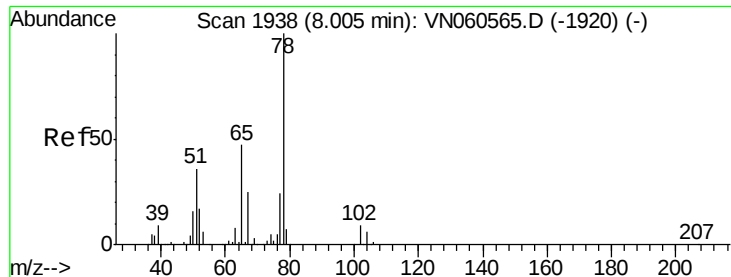
Tot Ion: 84 Resp: 2858
Ion Ratio Lower Upper
84 100
49 125.9 103.3 154.9
51 41.1 31.6 47.4
86 59.8 52.0 78.0



#25
2-Butanone
Concen: 3.292 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VN060938.D
Acq: 14 Apr 2020 17:00

Tgt Ion: 43 Resp: 3734
Ion Ratio Lower Upper
43 100
72 20.4 20.4 30.6#

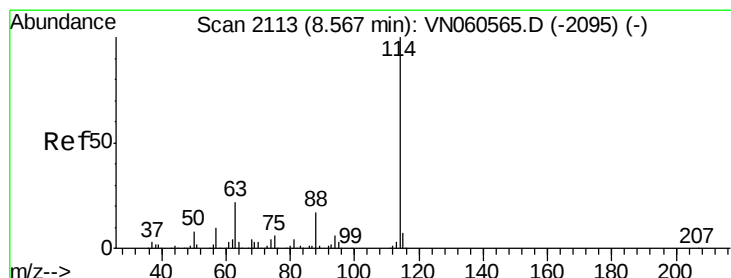
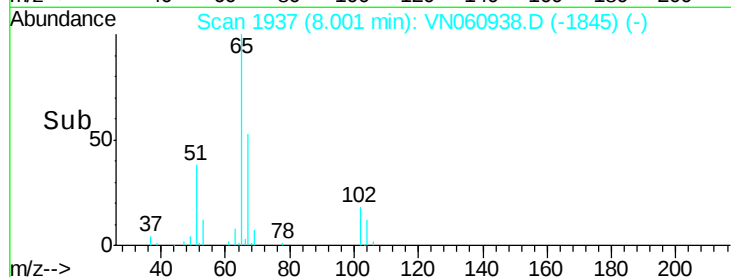
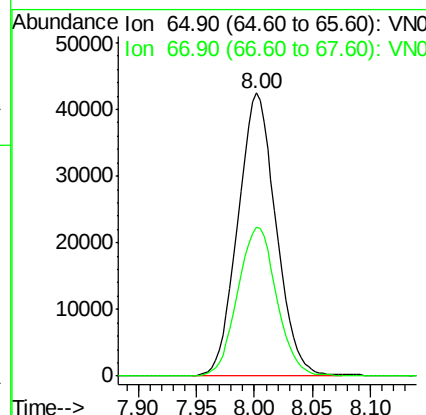
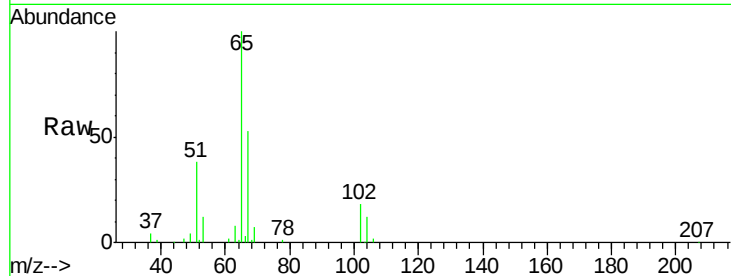




#33
 1,2-Dichloroethane-d4
 Concen: 48.964 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060938.D
 Acq: 14 Apr 2020 17:00

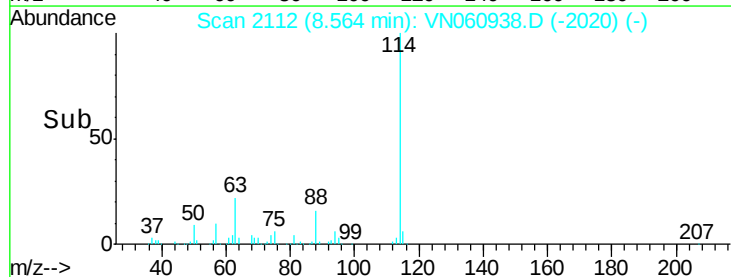
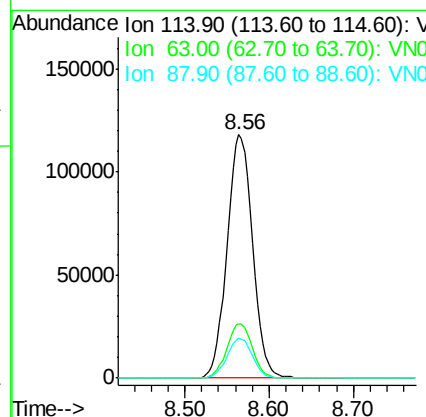
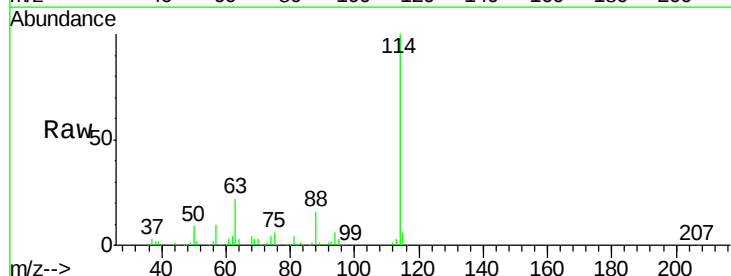
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-40-41-42

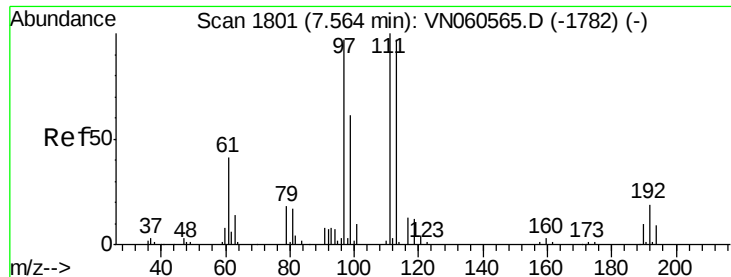
Tot Ion: 65 Resp: 96895
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060938.D
 Acq: 14 Apr 2020 17:00

Tgt Ion: 114 Resp: 248172
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 43.8
 88 16.3 0.0 33.0

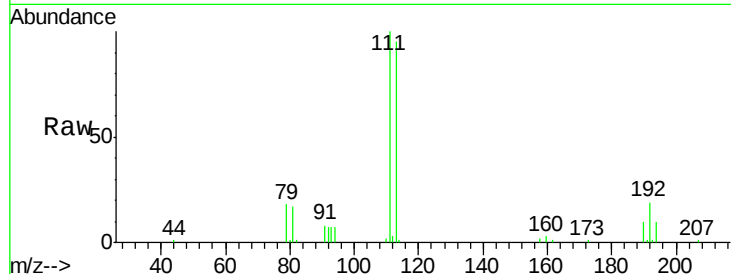




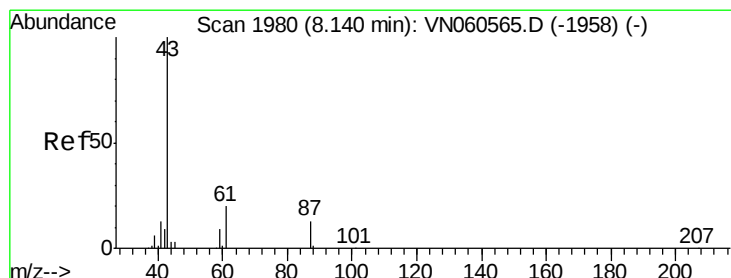
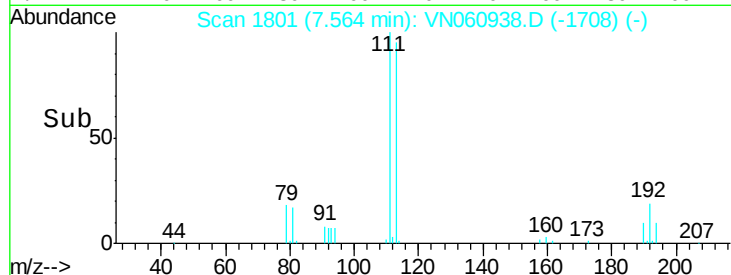
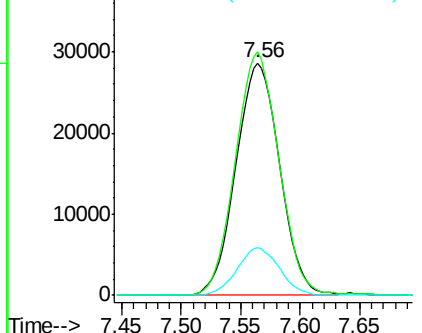
#35
 Dibromofluoromethane
 Concen: 48.604 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060938.D
 Acq: 14 Apr 2020 17:00

Instrument :
 MSVOA_N
 ClientSampled :
 TP-40-41-42

Tot Ion:113 Resp: 72936
 Ion Ratio Lower Upper
 113 100
 111 104.6 82.9 124.3
 192 19.8 15.8 23.8

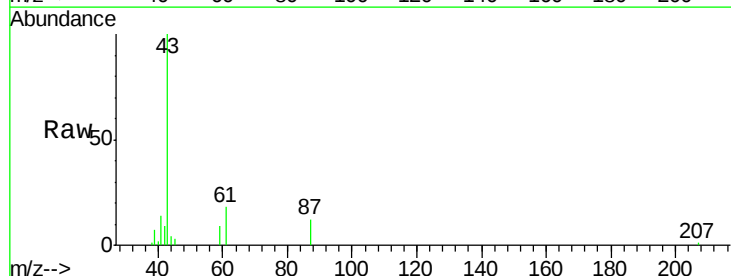


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

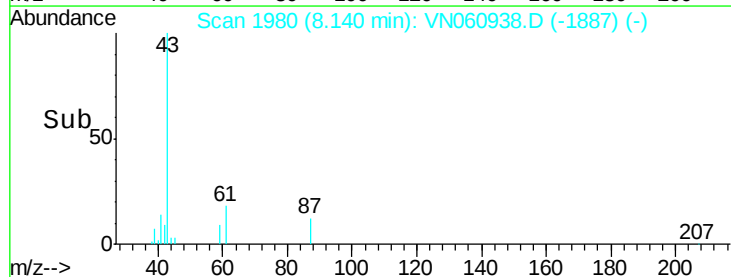
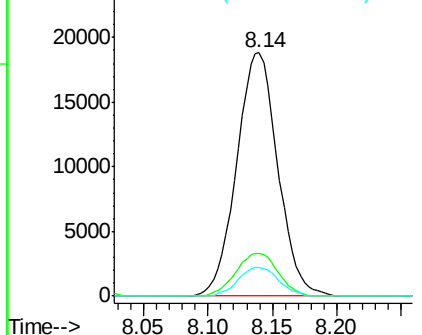


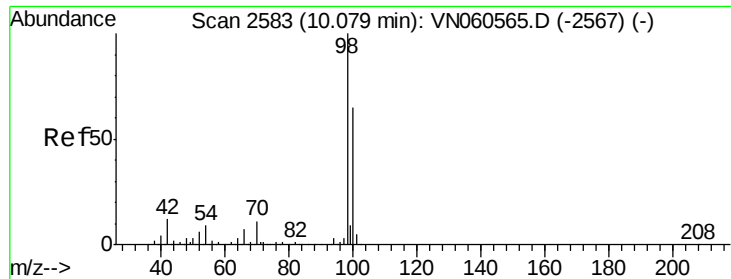
#43
 Isopropyl Acetate
 Concen: 9.745 ug/l
 RT: 8.14 min Scan# 1980
 Delta R.T. 0.00 min
 Lab File: VN060938.D
 Acq: 14 Apr 2020 17:00

Tgt Ion: 43 Resp: 41729
 Ion Ratio Lower Upper
 43 100
 61 18.1 20.7 31.1#
 87 11.5 9.8 14.8



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

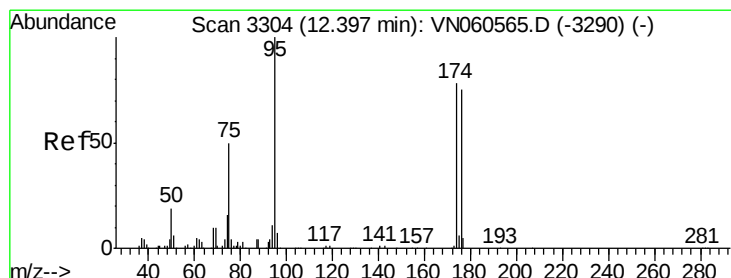
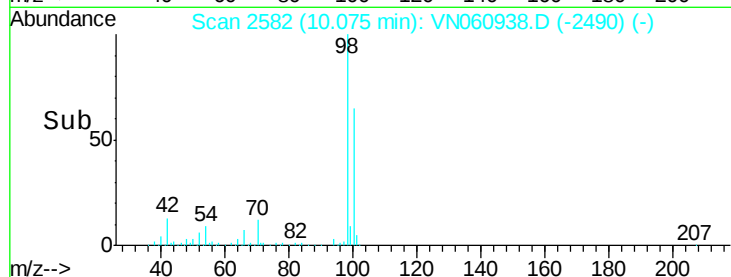
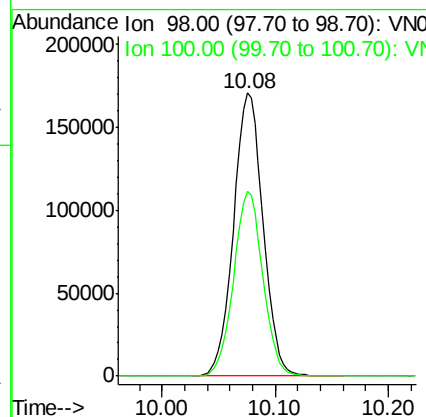
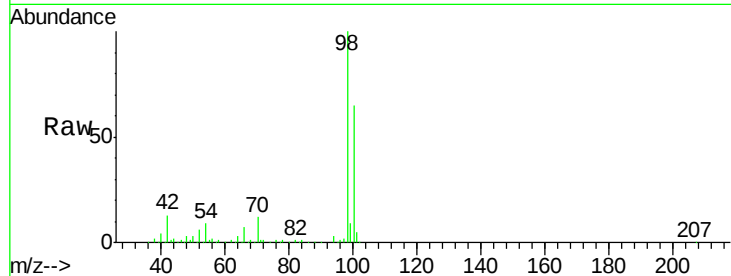




#50
Toluene-d8
Concen: 50.425 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060938.D
Acq: 14 Apr 2020 17:00

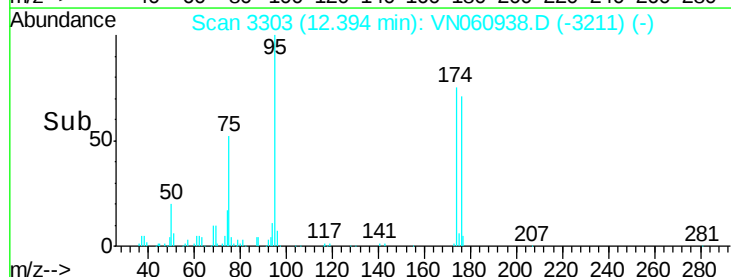
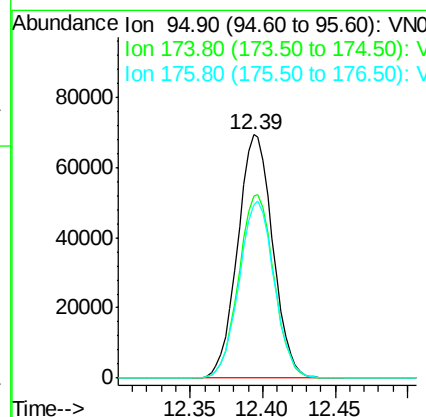
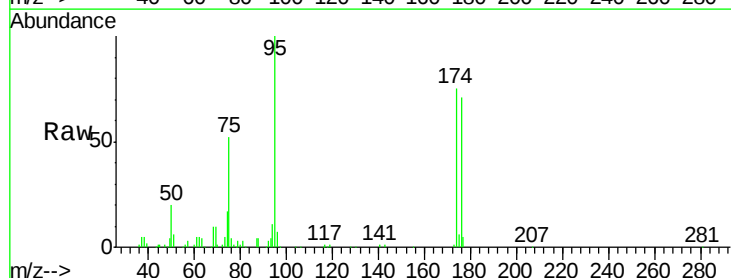
Instrument :
MSVOA_N
ClientSampleId :
TP-40-41-42

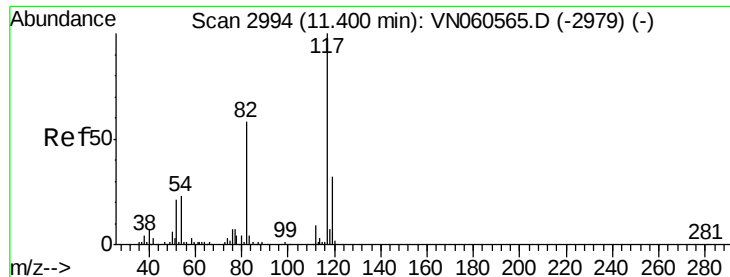
Tot Ion: 98 Resp: 309079
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 51.895 ug/l
RT: 12.39 min Scan# 3303
Delta R.T. -0.00 min
Lab File: VN060938.D
Acq: 14 Apr 2020 17:00

Tgt Ion: 95 Resp: 116575
Ion Ratio Lower Upper
95 100
174 75.5 0.0 157.6
176 72.8 0.0 150.6

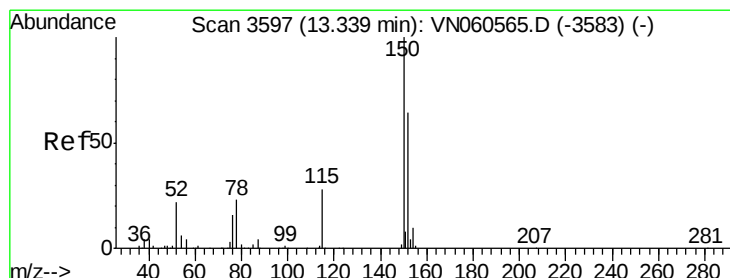
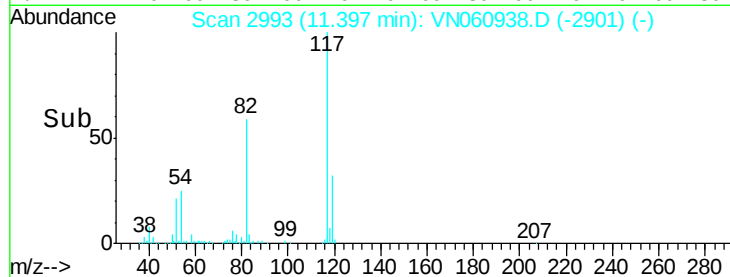
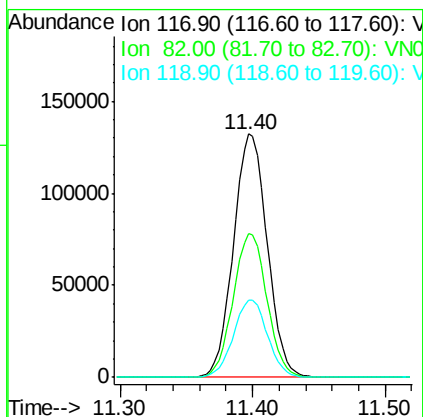
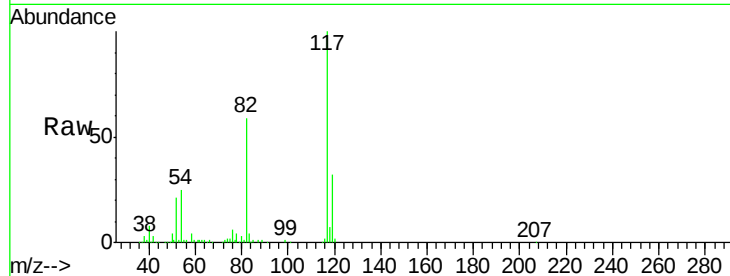




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. -0.00 min
Lab File: VN060938.D
Acq: 14 Apr 2020 17:00

Instrument :
MSVOA_N
ClientSampleId :
TP-40-41-42

Tot Ion:117 Resp: 233447
Ion Ratio Lower Upper
117 100
82 59.0 46.7 70.1
119 31.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060938.D
Acq: 14 Apr 2020 17:00

Tgt Ion:152 Resp: 105164
Ion Ratio Lower Upper
152 100
115 60.8 30.2 90.6
150 156.8 0.0 350.2

