

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021320\
 Data File : VN060088.D
 Acq On : 13 Feb 2020 12:43
 Operator : JC/MD
 Sample : L1370-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-02-021220

Quant Time: Feb 14 05:40:45 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

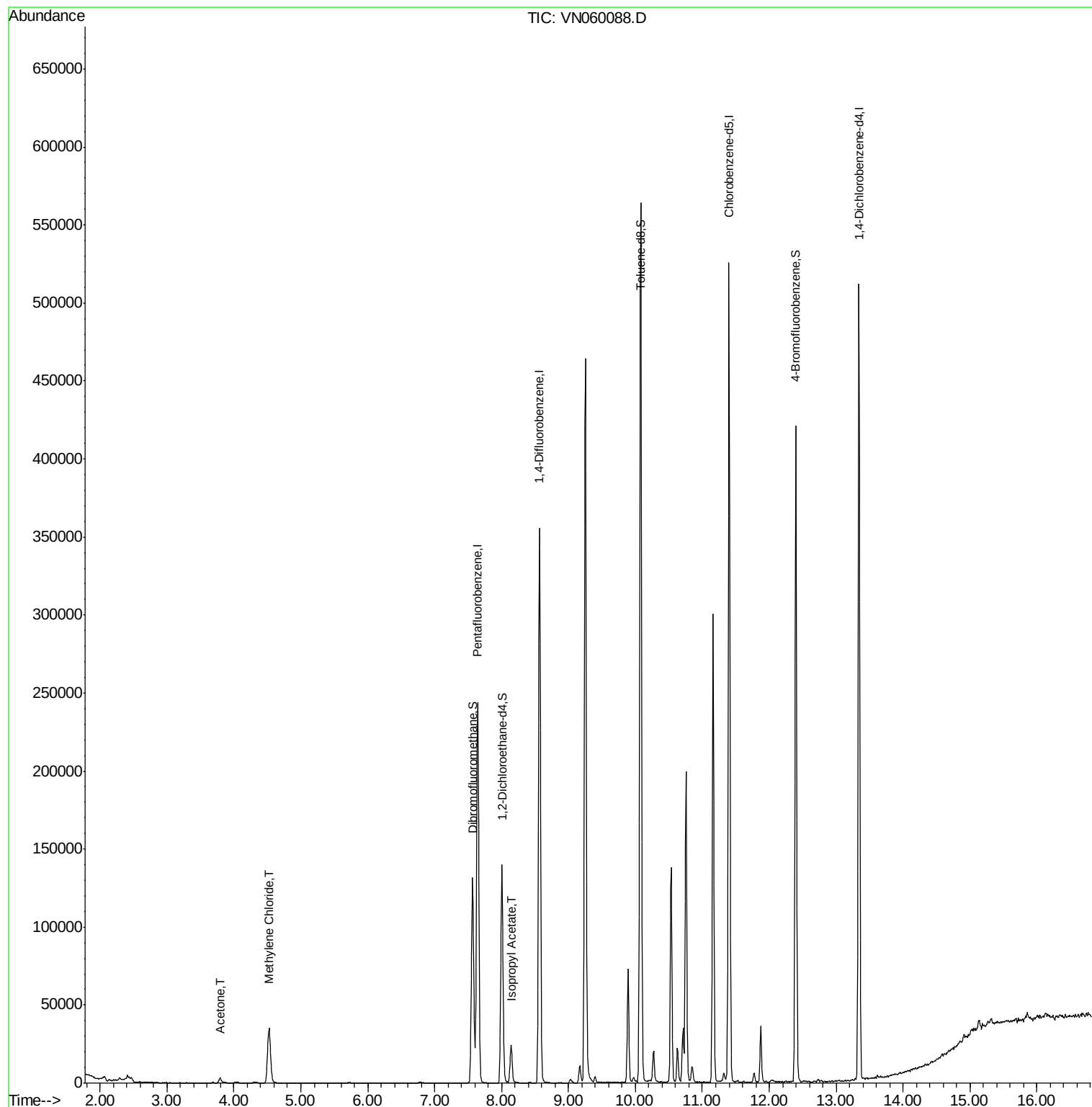
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	207505	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	326672	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	308787	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	138845	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	119943	47.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.00%	
35) Dibromofluoromethane	7.57	113	97572	48.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.18%	
50) Toluene-d8	10.08	98	395185	49.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.96%	
62) 4-Bromofluorobenzene	12.40	95	141693	48.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.52%	
Target Compounds						
16) Acetone	3.79	43	5534	5.025	ug/l	93
20) Methylene Chloride	4.53	84	28761	13.089	ug/l	99
43) Isopropyl Acetate	8.14	43	29272	6.262	ug/l #	90

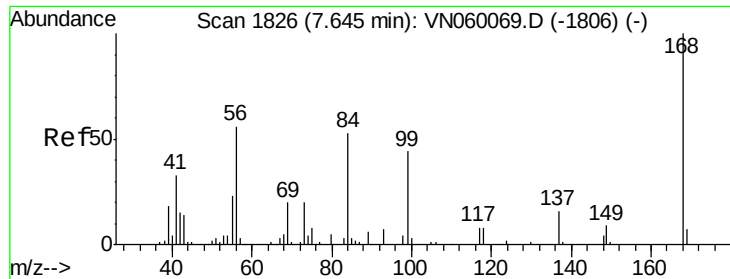
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN060088.D

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MSVOA_N

ClientSampleId :

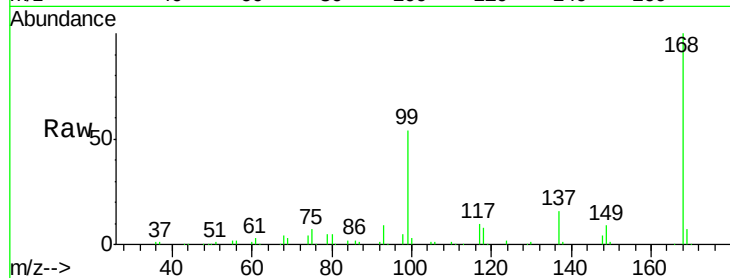
OR-02-021220

Tot Ion:168 Resp: 207505

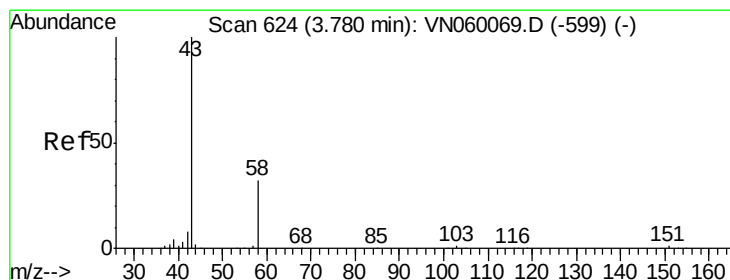
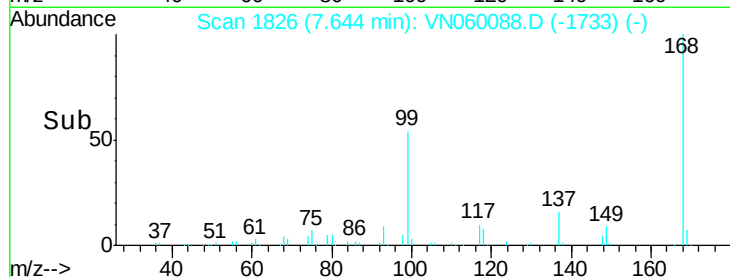
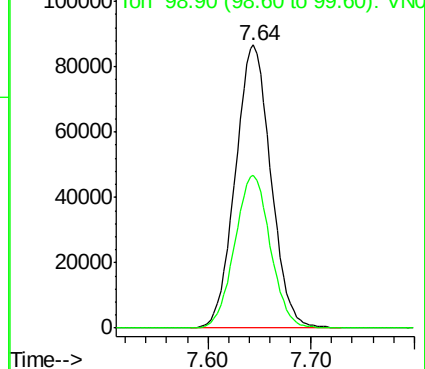
Ion Ratio Lower Upper

168 100

99 53.9 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): VN060069.D (-1806) (-)



#16

Acetone

Concen: 5.025 ug/l

RT: 3.79 min Scan# 628

Delta R.T. 0.01 min

Lab File: VN060088.D

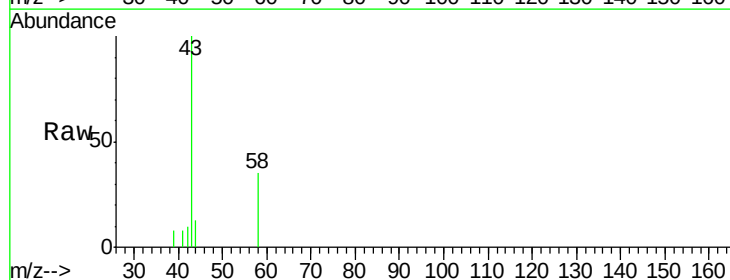
Acq: 13 Feb 2020 12:43

Tgt Ion: 43 Resp: 5534

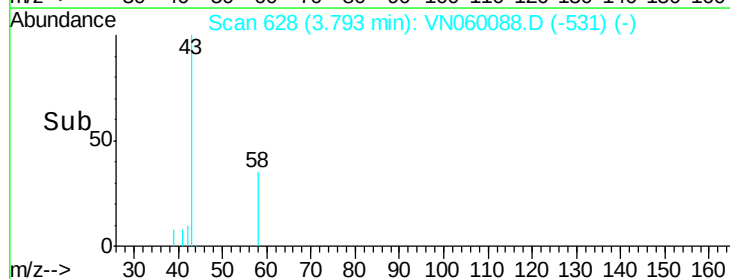
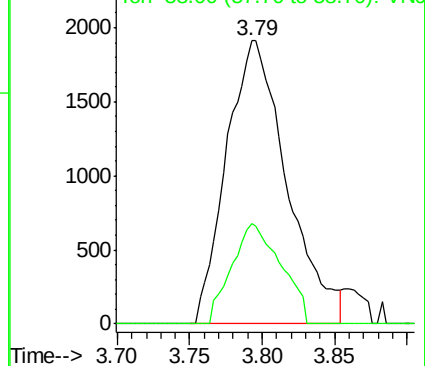
Ion Ratio Lower Upper

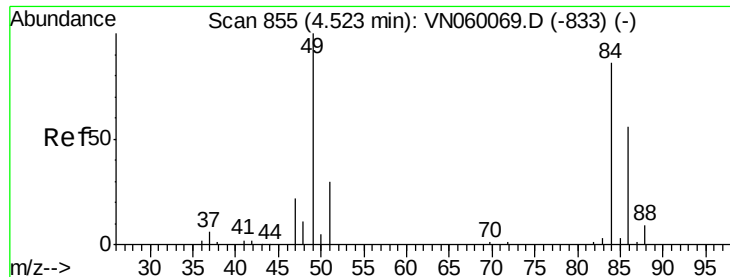
43 100

58 35.5 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VN060069.D (-599) (-)

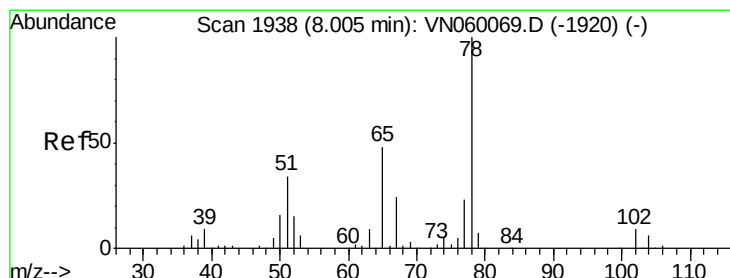
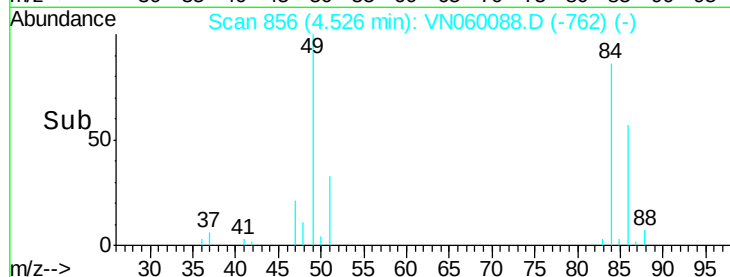
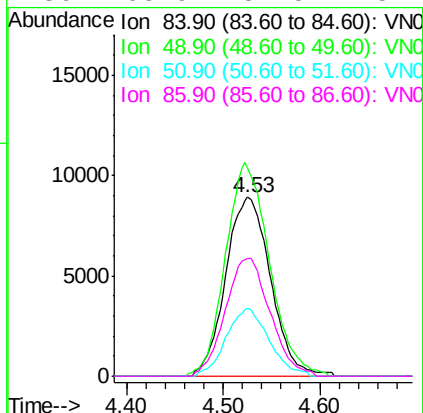
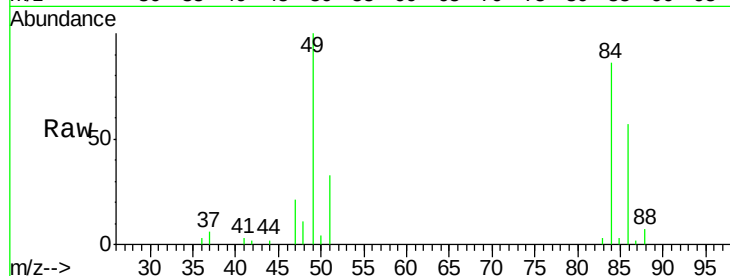




#20
Methylene Chloride
Concen: 13.089 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN060088.D
Acq: 13 Feb 2020 12:43

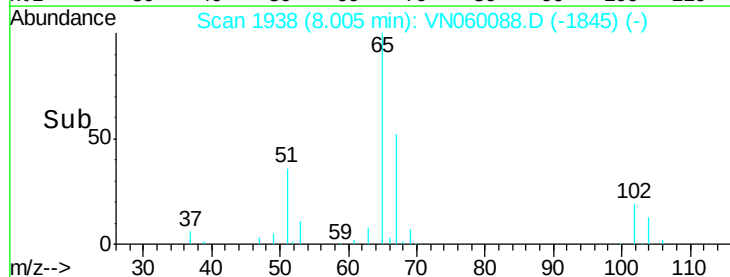
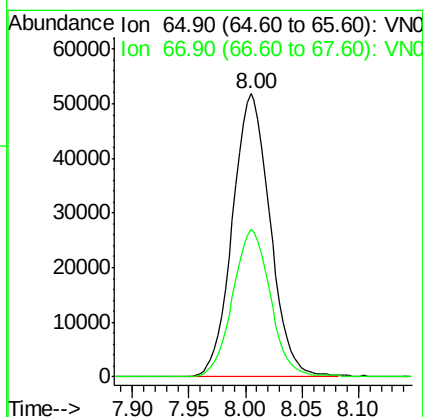
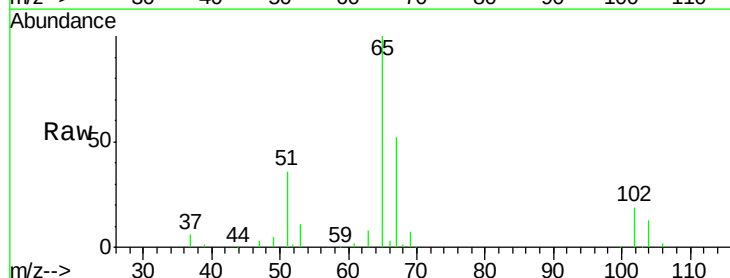
Instrument :
MSVOA_N
ClientSampleId :
OR-02-021220

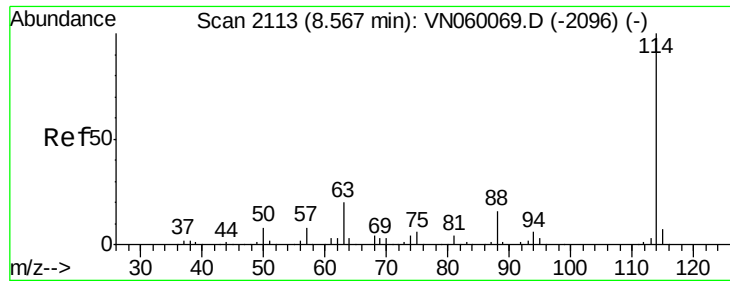
Tot Ion: 84 Resp: 28761
Ion Ratio Lower Upper
84 100
49 116.3 93.4 140.0
51 38.2 28.4 42.6
86 65.9 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 47.503 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VN060088.D
Acq: 13 Feb 2020 12:43

Tgt Ion: 65 Resp: 119943
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.0

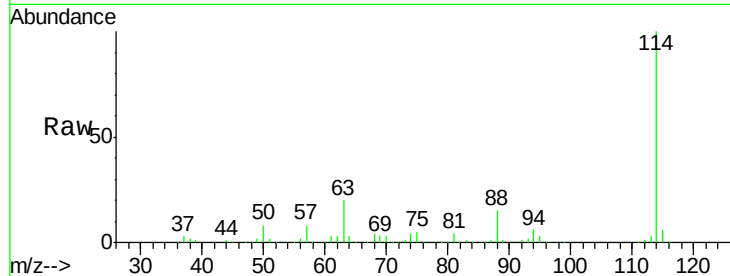




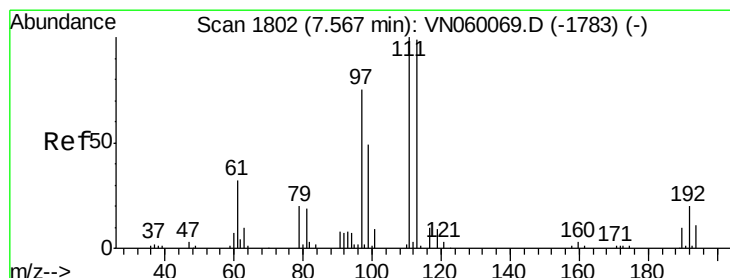
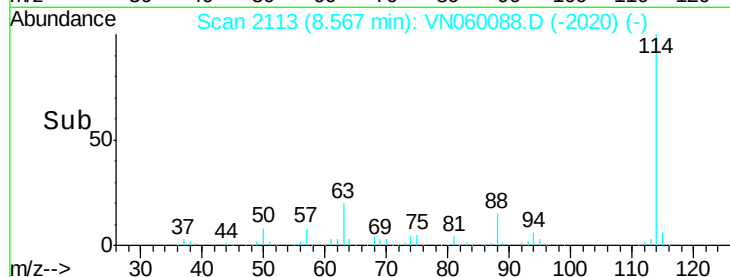
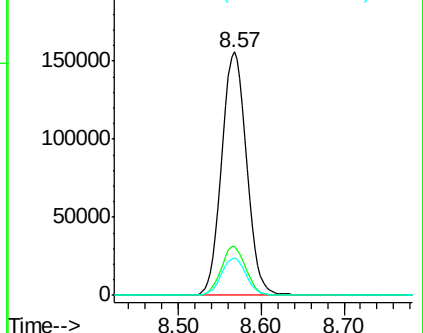
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060088.D
 Acq: 13 Feb 2020 12:43

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-02-021220

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	40.0
88	15.3	0.0	31.6

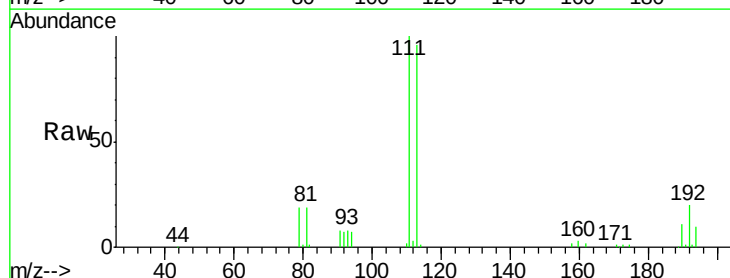


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

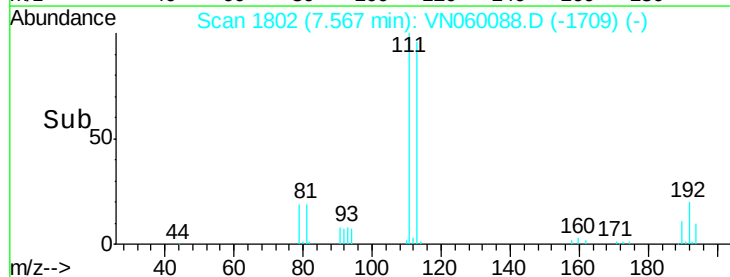
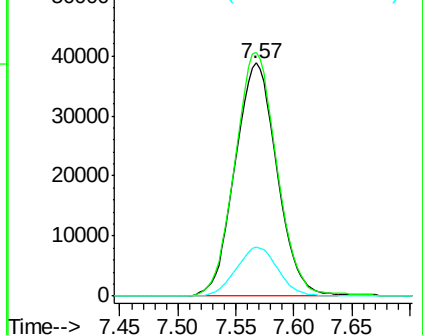


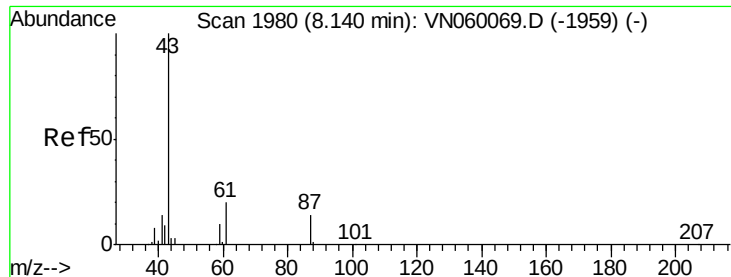
#35
 Dibromofluoromethane
 Concen: 48.590 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN060088.D
 Acq: 13 Feb 2020 12:43

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.2	81.4	122.2
192	20.9	16.2	24.2



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

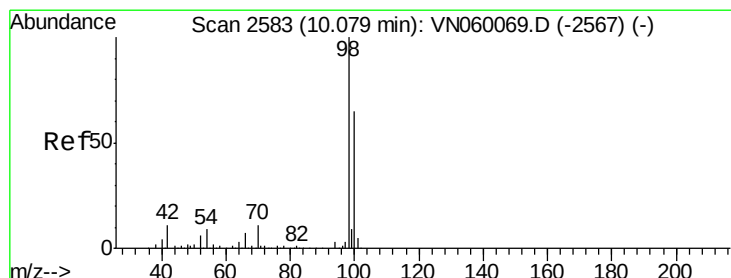
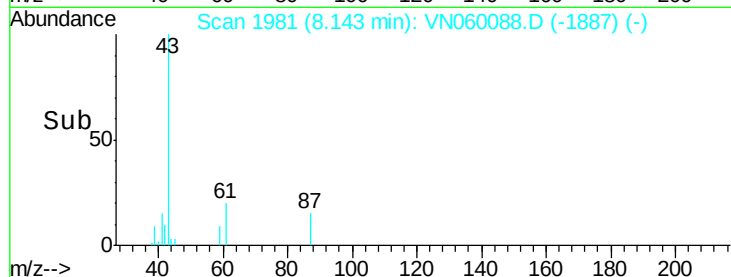
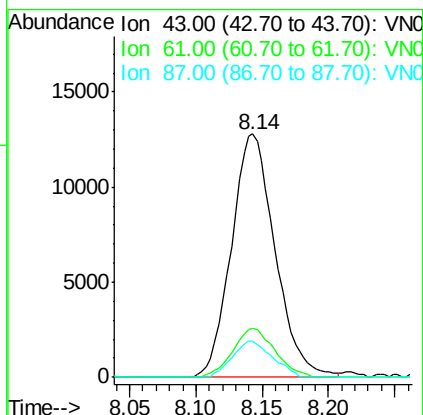
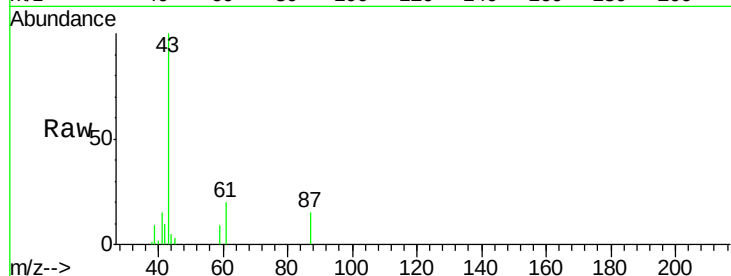




#43
Isopropyl Acetate
Concen: 6.262 ug/l
RT: 8.14 min Scan# 1981
Delta R.T. 0.00 min
Lab File: VN060088.D
Acq: 13 Feb 2020 12:43

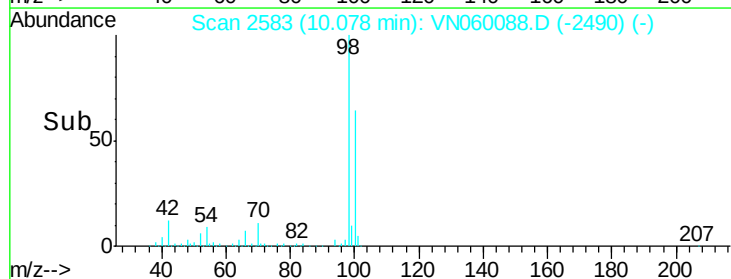
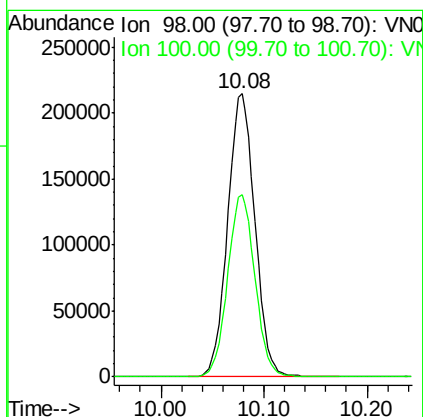
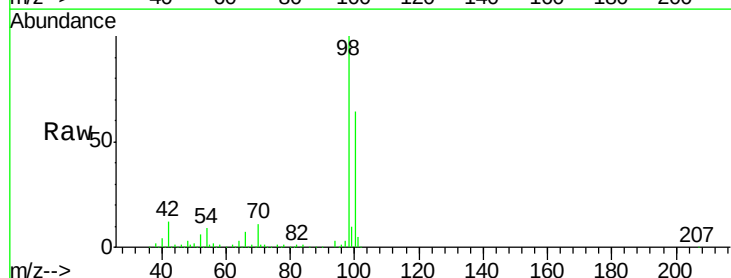
Instrument :
MSVOA_N
ClientSampleId :
OR-02-021220

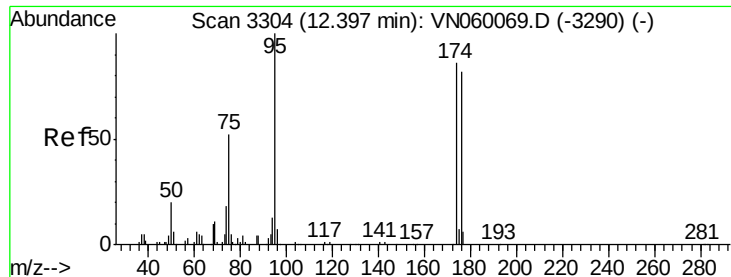
Tot Ion: 43 Resp: 29272
Ion Ratio Lower Upper
43 100
61 19.4 21.8 32.6#
87 13.5 11.4 17.2



#50
Toluene-d8
Concen: 49.975 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN060088.D
Acq: 13 Feb 2020 12:43

Tgt Ion: 98 Resp: 395185
Ion Ratio Lower Upper
98 100
100 64.5 51.7 77.5

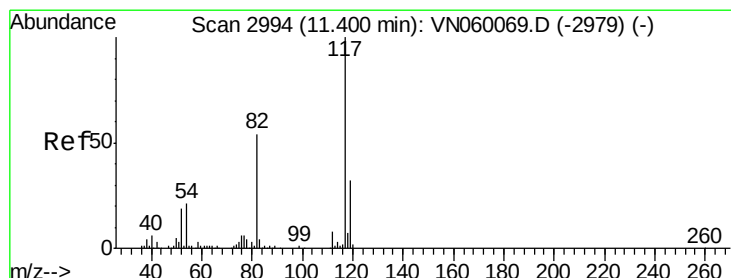
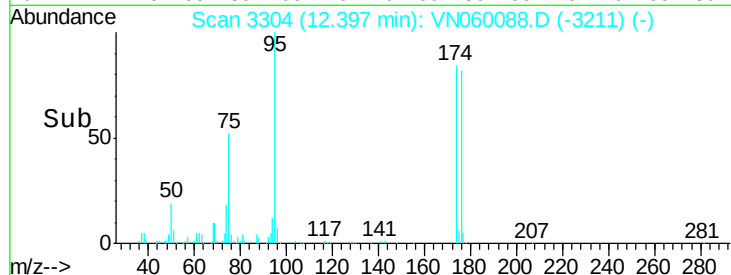
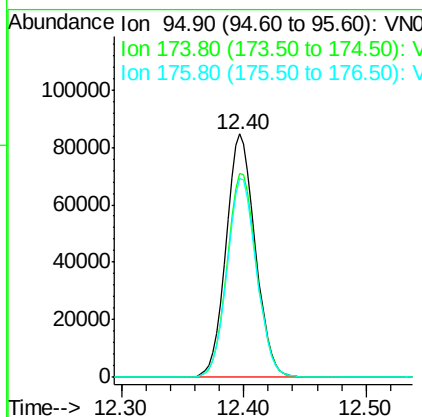
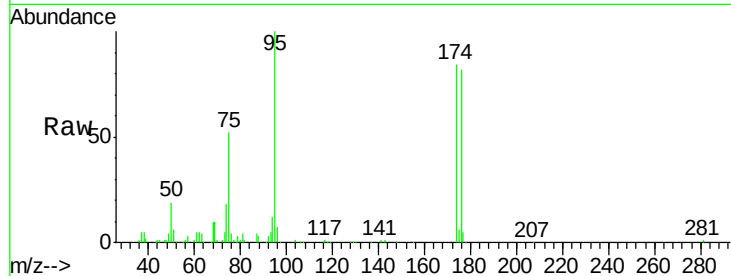




#62
4-Bromofluorobenzene
Concen: 48.764 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN060088.D
Acq: 13 Feb 2020 12:43

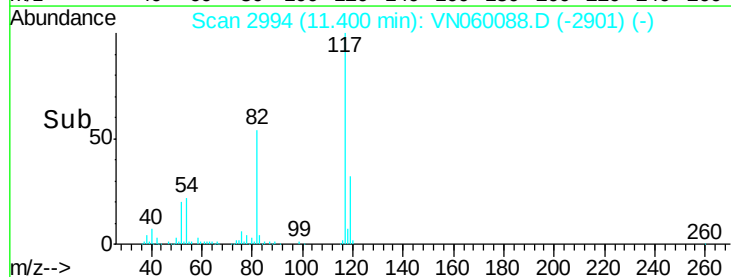
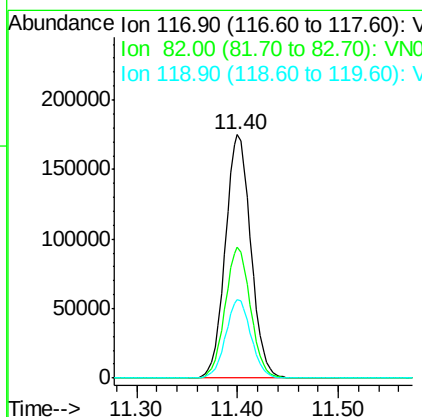
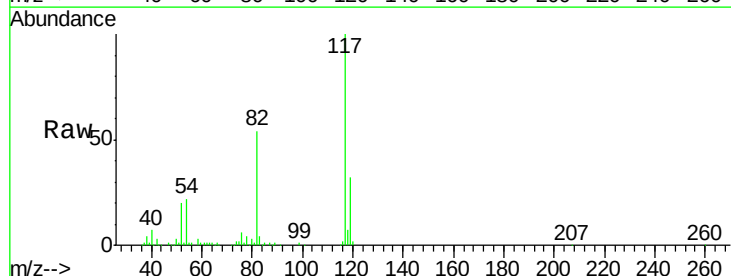
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ClientSampleId :
OR-02-021220

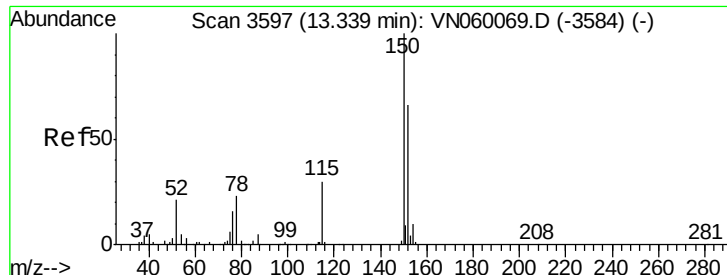
Tot Ion: 95 Resp: 141693
Ion Ratio Lower Upper
95 100
174 85.1 0.0 169.8
176 82.4 0.0 164.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060088.D
Acq: 13 Feb 2020 12:43

Tgt Ion: 117 Resp: 308787
Ion Ratio Lower Upper
117 100
82 53.6 43.4 65.0
119 32.2 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN060088.D

Acq: 13 Feb 2020 12:43

Instrument :

MSVOA_N

ClientSampleId :

OR-02-021220

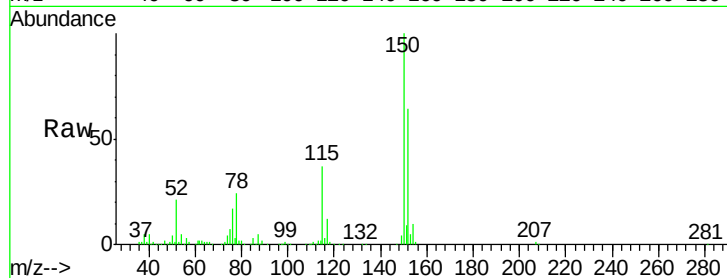
Tot Ion:152 Resp: 138845

Ion Ratio Lower Upper

152 100

115 58.1 28.9 86.8

150 156.6 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

