

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031120\
 Data File : VN060451.D
 Acq On : 11 Mar 2020 15:34
 Operator : JC/MD
 Sample : L1864-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-2

Quant Time: Mar 12 04:27:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

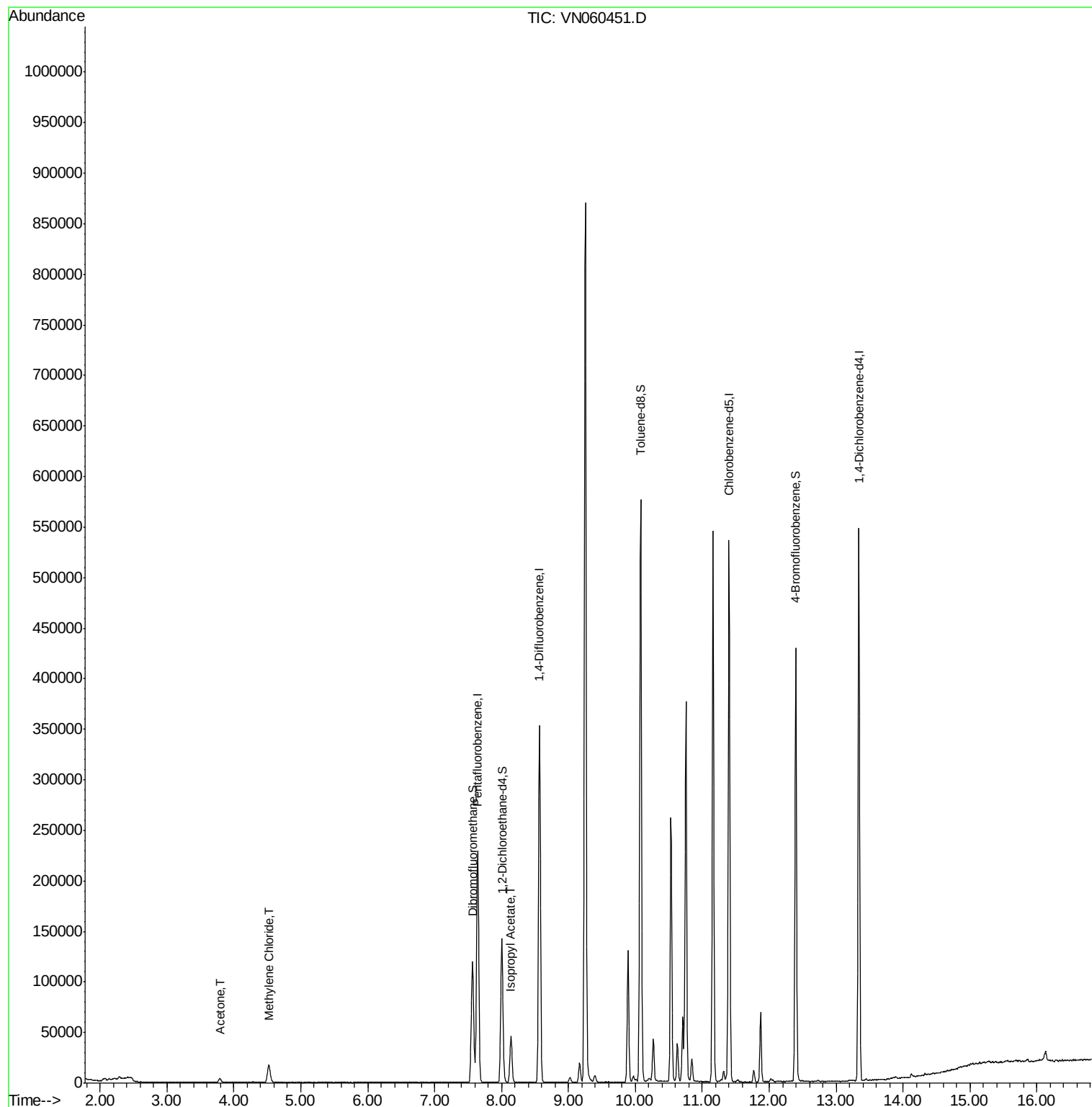
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	190311	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	312469	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	301245	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	141402	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	123795	50.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.40%	
35) Dibromofluoromethane	7.56	113	93652	64.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	129.14%	
50) Toluene-d8	10.08	98	389838	53.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.22%	
62) 4-Bromofluorobenzene	12.40	95	147661	53.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.14%	
Target Compounds						
16) Acetone	3.79	43	6790	8.611	ug/l	99
20) Methylene Chloride	4.52	84	12930	5.971	ug/l	97
43) Isopropyl Acetate	8.14	43	54777	11.096	ug/l #	91

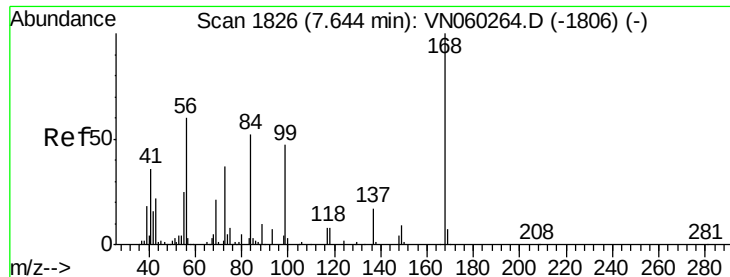
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Feb 27 13:52:50 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: VN060451.D

Acq: 11 Mar 2020 15:34

Instrument :

MSVOA_N

ClientSampled :

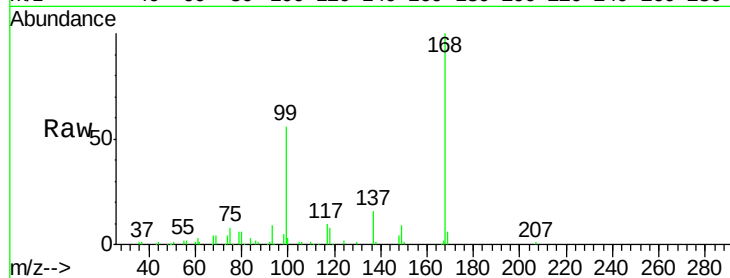
SP-2

Tot Ion:168 Resp: 190311

Ion Ratio Lower Upper

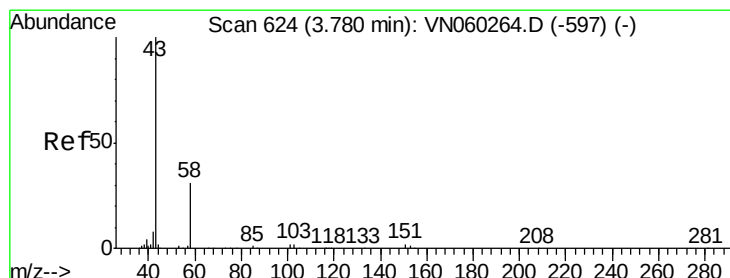
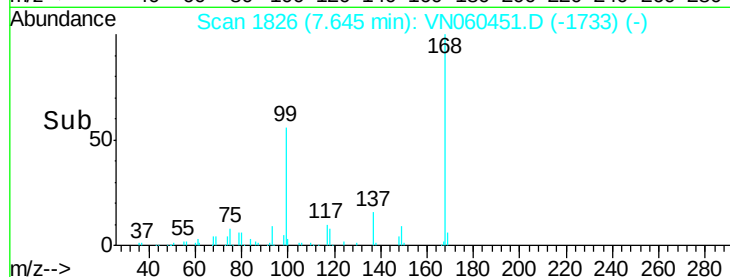
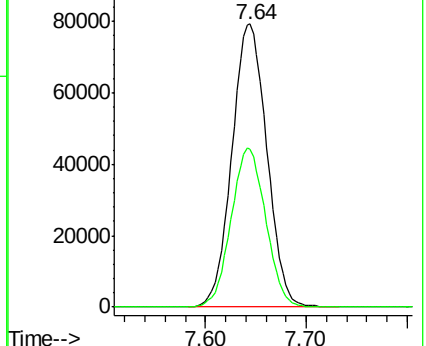
168 100

99 55.8 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 8.611 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060451.D

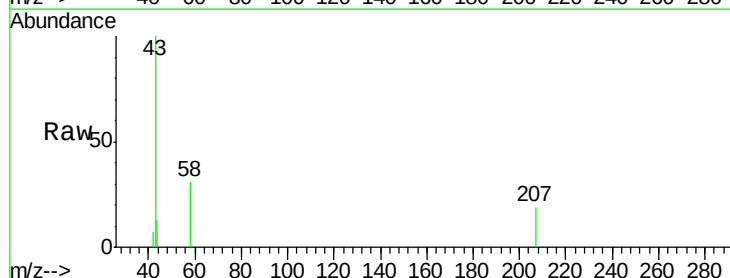
Acq: 11 Mar 2020 15:34

Tgt Ion: 43 Resp: 6790

Ion Ratio Lower Upper

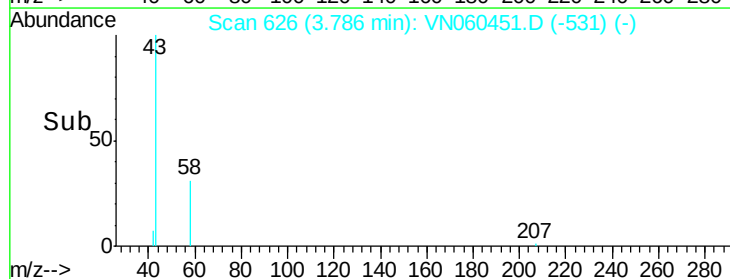
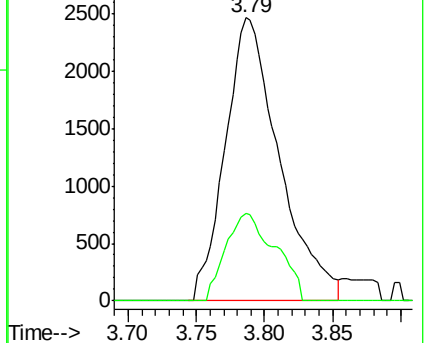
43 100

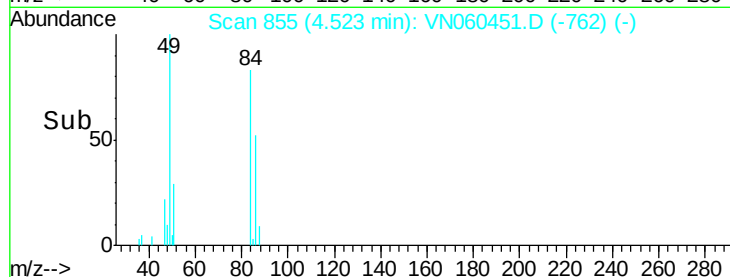
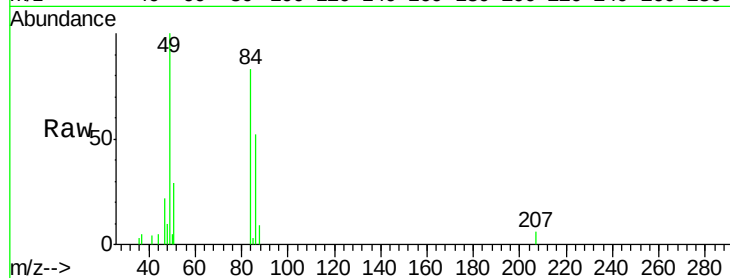
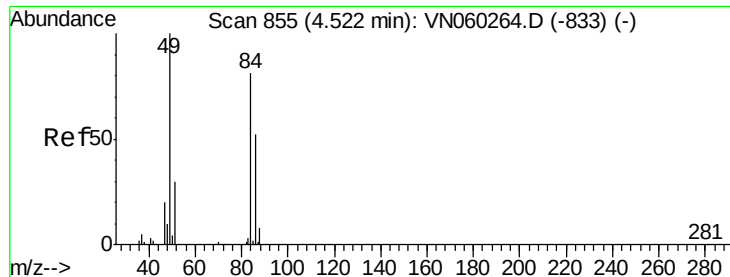
58 31.1 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

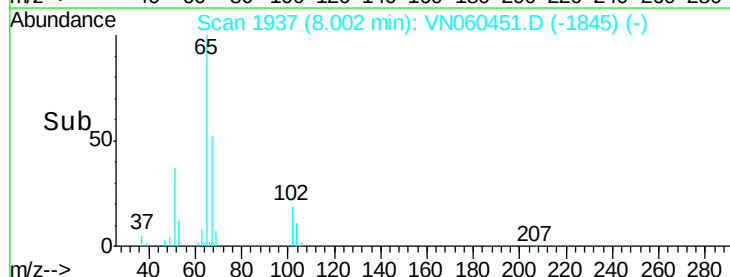
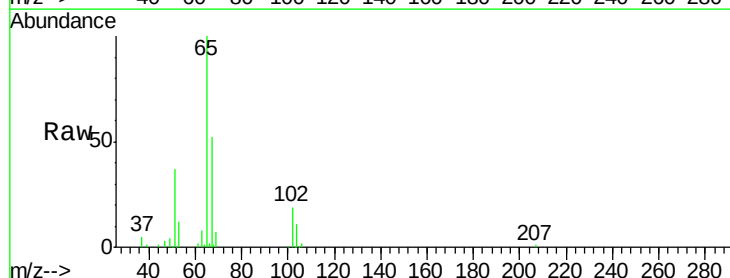
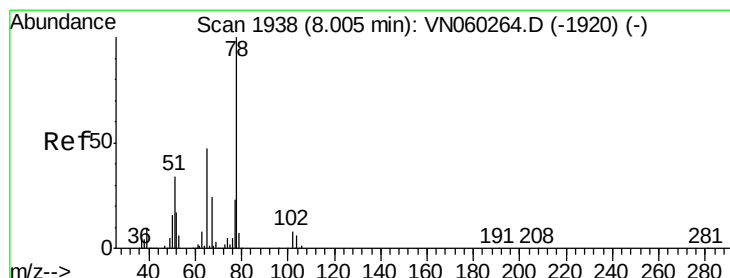
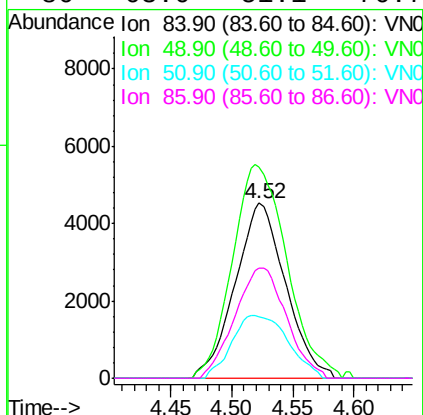




#20
Methylene Chloride
Concen: 5.971 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN060451.D
Acq: 11 Mar 2020 15:34

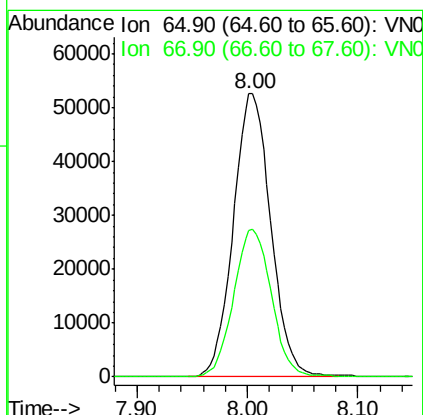
Instrument :
MSVOA_N
ClientSampled :
SP-2

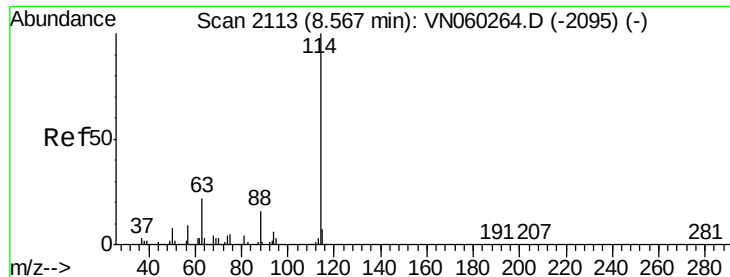
Tot Ion:	84	Resp:	12930
Ion	Ratio	Lower	Upper
84	100		
49	120.7	99.3	148.9
51	34.7	30.1	45.1
86	63.0	51.1	76.7



#33
1,2-Dichloroethane-d4
Concen: 50.700 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN060451.D
Acq: 11 Mar 2020 15:34

Tgt Ion:	65	Resp:	123795
Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	103.8

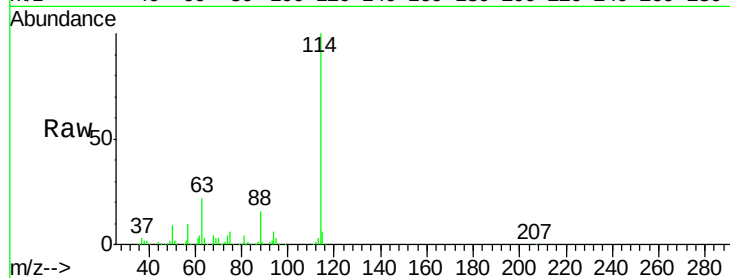




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VN060451.D
Acq: 11 Mar 2020 15:34

Instrument :
MSVOA_N
ClientSampleId :
SP-2

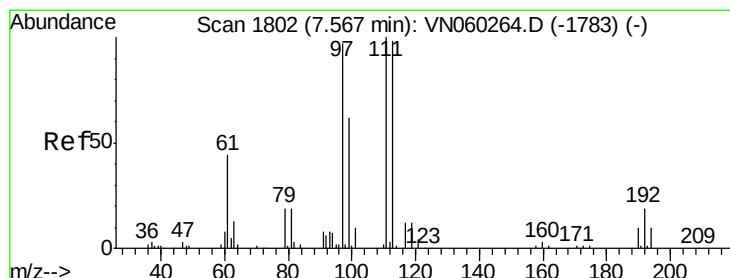
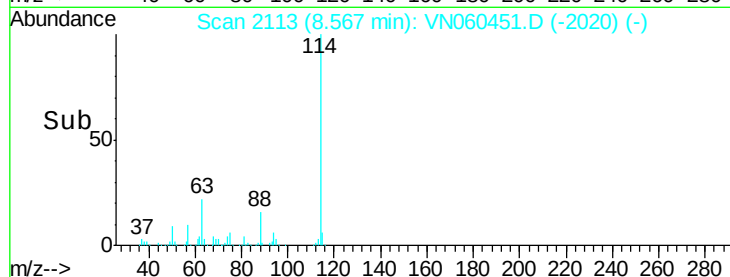
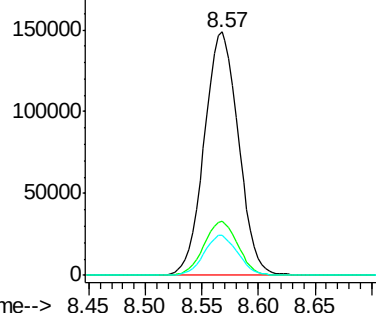
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	43.2
88	16.2	0.0	31.6



Abundance Ion 113.90 (113.60 to 114.60): V

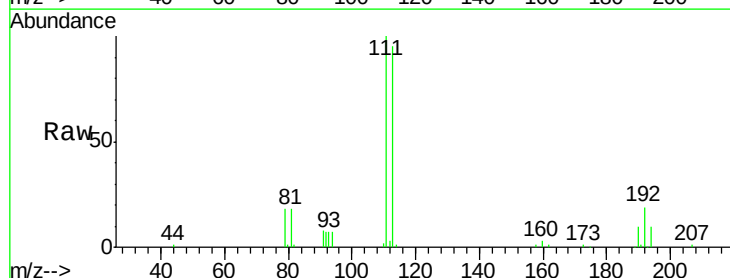
Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35
Dibromofluoromethane
Concen: 64.571 ug/l
RT: 7.56 min Scan# 1801
Delta R.T. -0.00 min
Lab File: VN060451.D
Acq: 11 Mar 2020 15:34

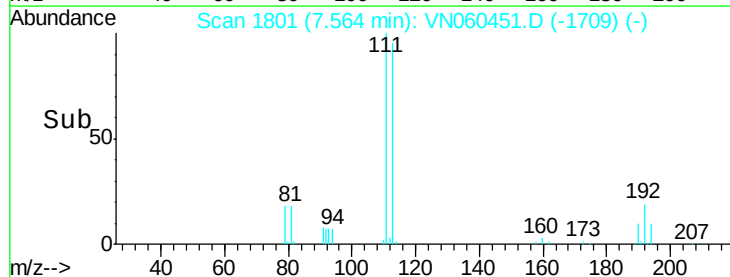
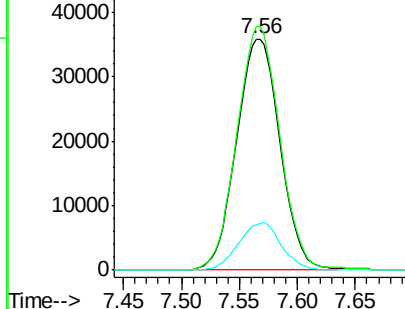
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.4	123.6
192	20.0	16.2	24.2

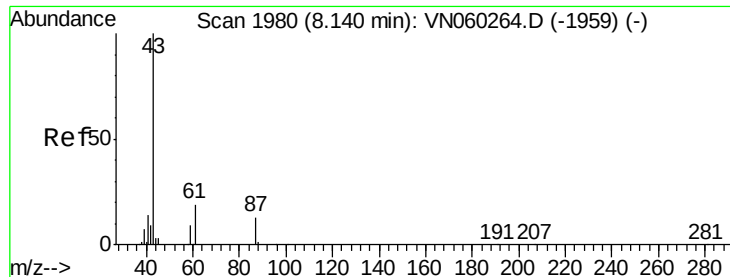


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 11.096 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060451.D

Acq: 11 Mar 2020 15:34

Instrument :

MSVOA_N

ClientSampled :

SP-2

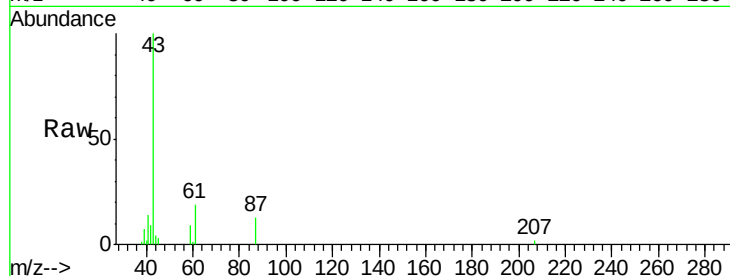
Tot Ion: 43 Resp: 54777

Ion Ratio Lower Upper

43 100

61 19.3 20.9 31.3#

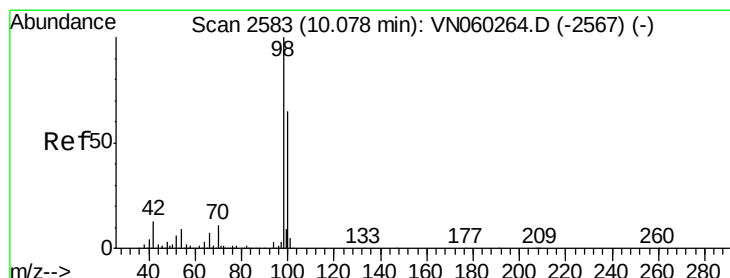
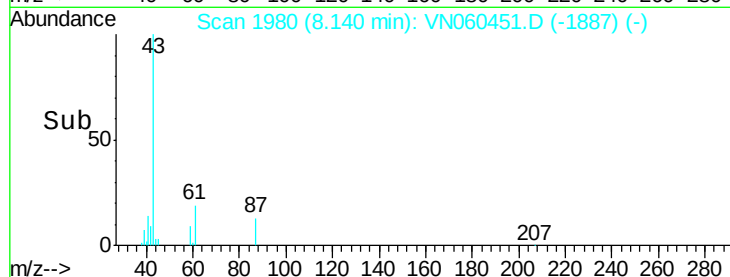
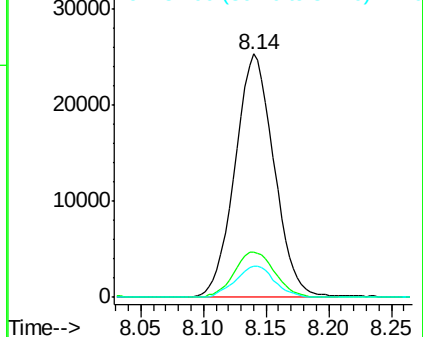
87 12.7 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VN060264.D (-1959) (-)

Ion 61.00 (60.70 to 61.70): VN060264.D (-1959) (-)

Ion 87.00 (86.70 to 87.70): VN060264.D (-1959) (-)



#50

Toluene-d8

Concen: 53.107 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060451.D

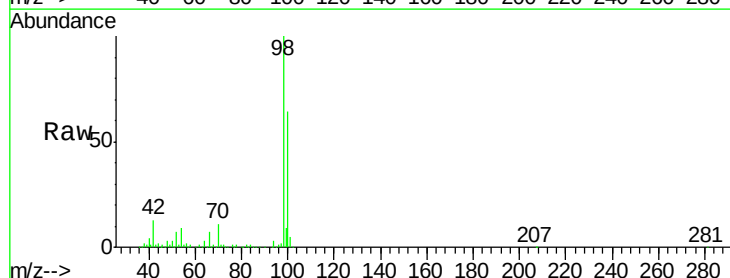
Acq: 11 Mar 2020 15:34

Tgt Ion: 98 Resp: 389838

Ion Ratio Lower Upper

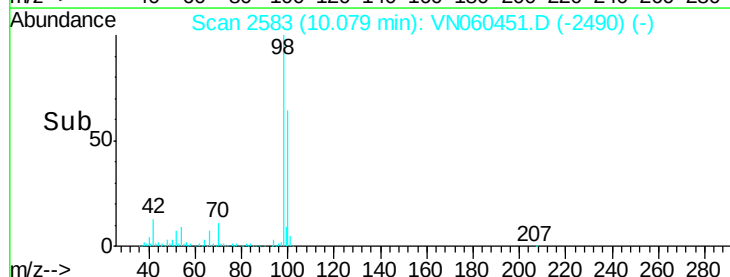
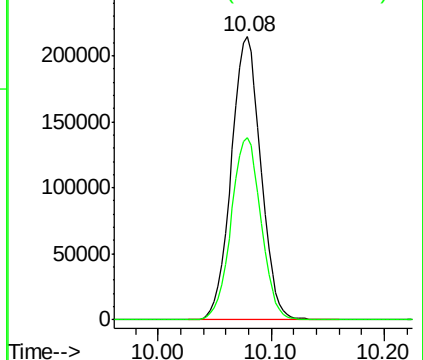
98 100

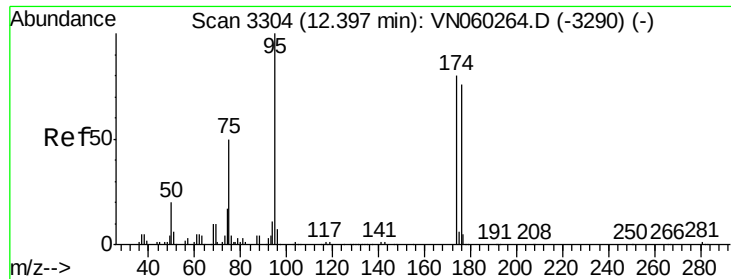
100 64.9 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN060264.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN060264.D (-2567) (-)





#62

4-Bromofluorobenzene

Concen: 53.065 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060451.D

Acq: 11 Mar 2020 15:34

Instrument :

MSVOA_N

ClientSampleId :

SP-2

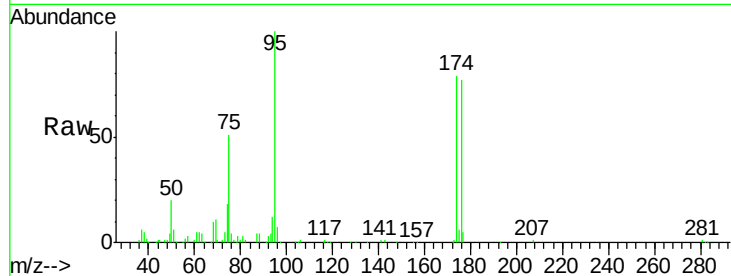
Tot Ion: 95 Resp: 147661

Ion Ratio Lower Upper

95 100

174 78.7 0.0 159.2

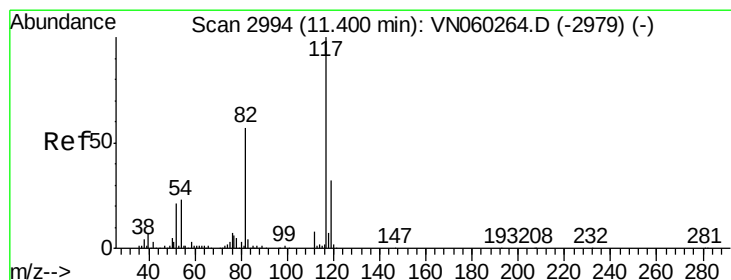
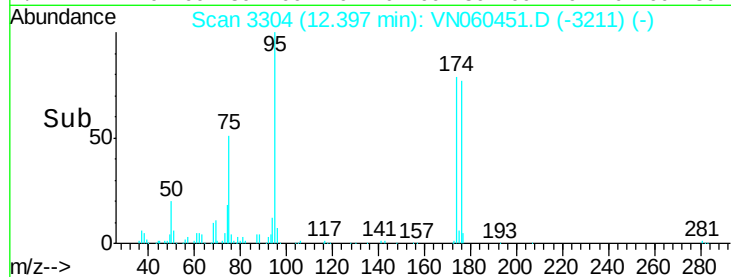
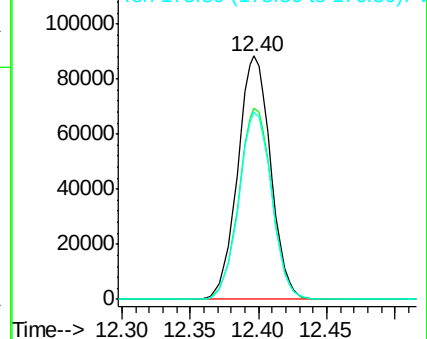
176 76.8 0.0 153.8



Abundance Ion 94.90 (94.60 to 95.60): VN060451.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060451.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060451.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060451.D

Acq: 11 Mar 2020 15:34

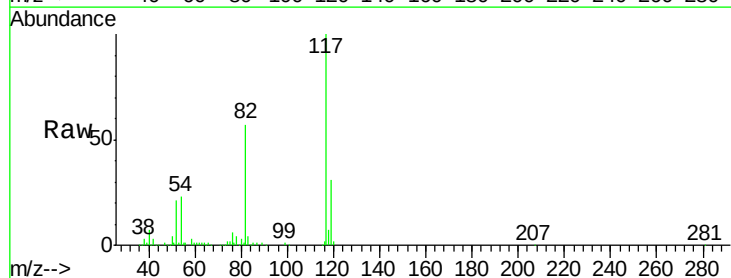
Tgt Ion: 117 Resp: 301245

Ion Ratio Lower Upper

117 100

82 56.6 45.8 68.6

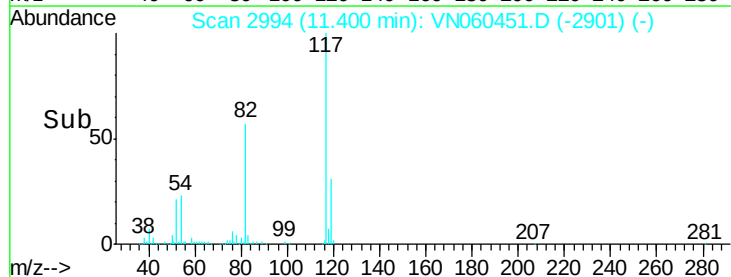
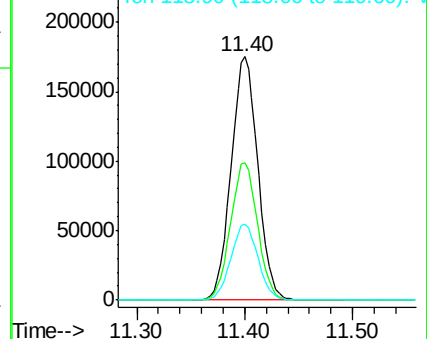
119 31.3 25.8 38.8

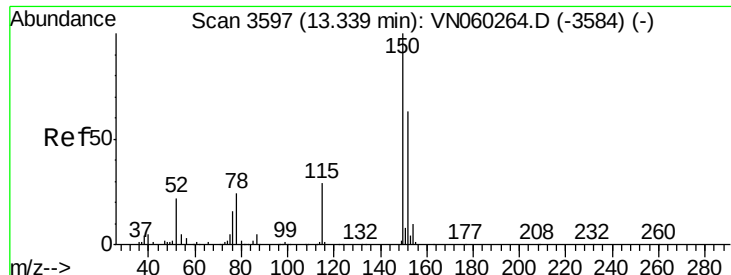


Abundance Ion 116.90 (116.60 to 117.60): VN060451.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN060451.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN060451.D (-2901) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060451.D

Acq: 11 Mar 2020 15:34

Instrument :

MSVOA_N

ClientSampleId :

SP-2

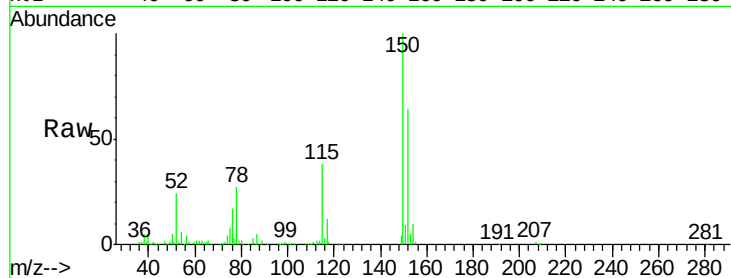
Tot Ion:152 Resp: 141402

Ion Ratio Lower Upper

152 100

115 59.5 30.0 90.0

150 156.6 0.0 349.6



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

