

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031220\
 Data File : VN060473.D
 Acq On : 12 Mar 2020 12:55
 Operator : JC/MD
 Sample : L1887-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-TP

Quant Time: Mar 13 03:38:17 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

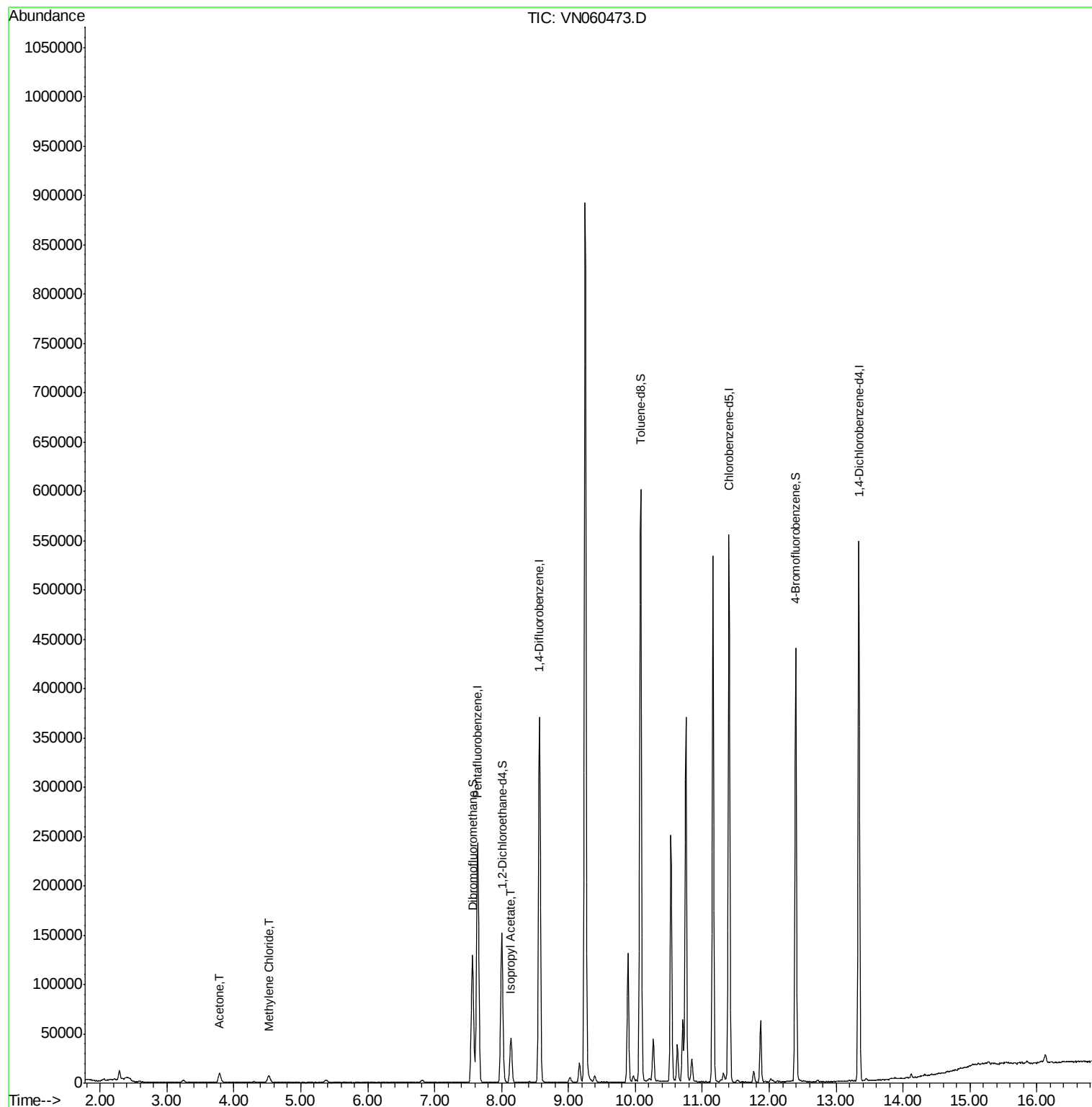
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	200346	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	331988	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	311330	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	144622	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	131051	50.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.96%	
35) Dibromofluoromethane	7.57	113	99038	64.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.54%	
50) Toluene-d8	10.08	98	413527	53.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.04%	
62) 4-Bromofluorobenzene	12.40	95	152961	51.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.48%	
Target Compounds						
16) Acetone	3.79	43	17007	20.488	ug/l	99
20) Methylene Chloride	4.53	84	5347	2.346	ug/l	95
43) Isopropyl Acetate	8.14	43	55363	10.556	ug/l #	89

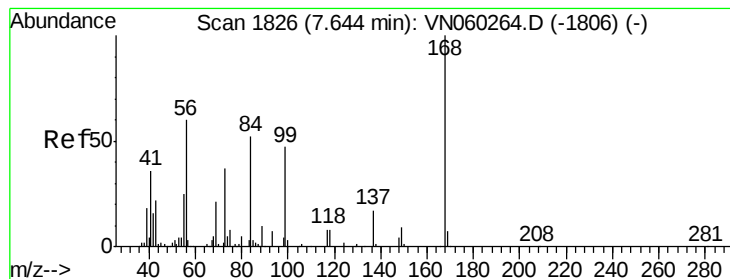
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN031220\
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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# 1825

Delta R.T. -0.00 min

Lab File: VN060473.D

Acq: 12 Mar 2020 12:55

Instrument :

MSVOA_N

ClientSampleId :

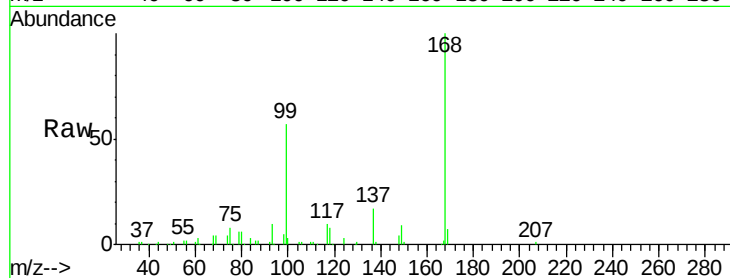
CL-TP

Tot Ion:168 Resp: 200346

Ion Ratio Lower Upper

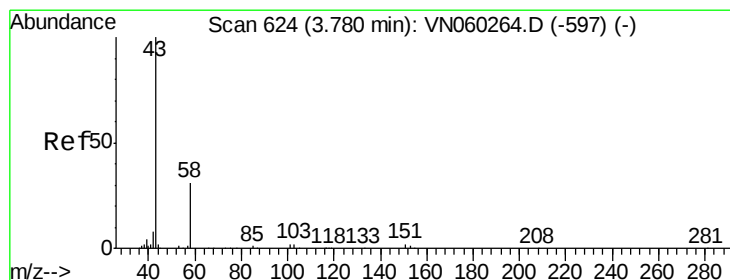
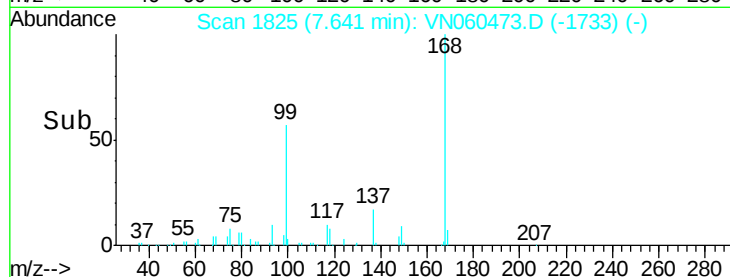
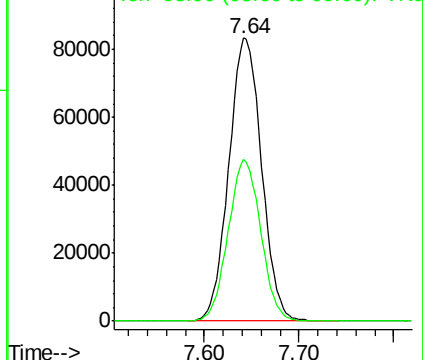
168 100

99 57.1 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 20.488 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060473.D

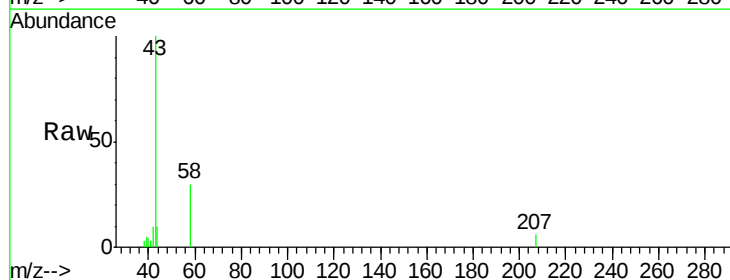
Acq: 12 Mar 2020 12:55

Tgt Ion: 43 Resp: 17007

Ion Ratio Lower Upper

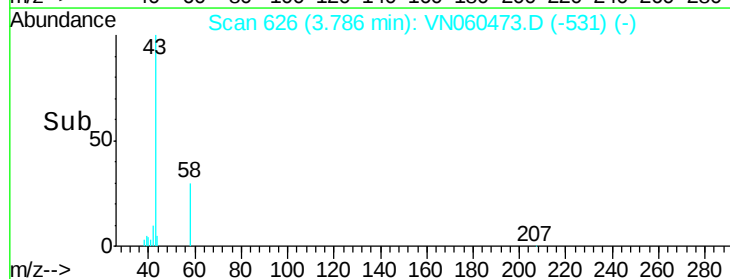
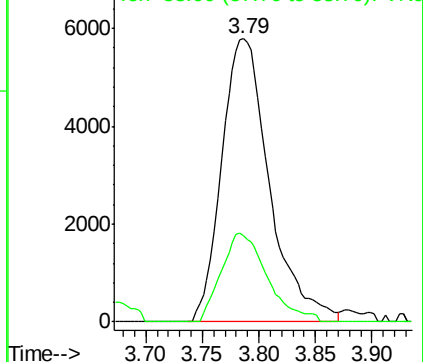
43 100

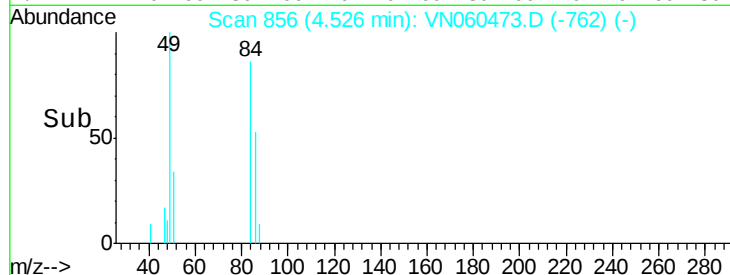
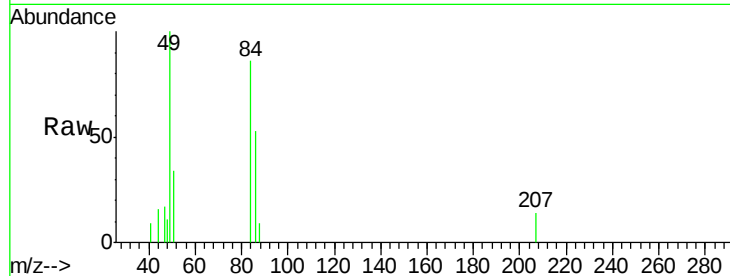
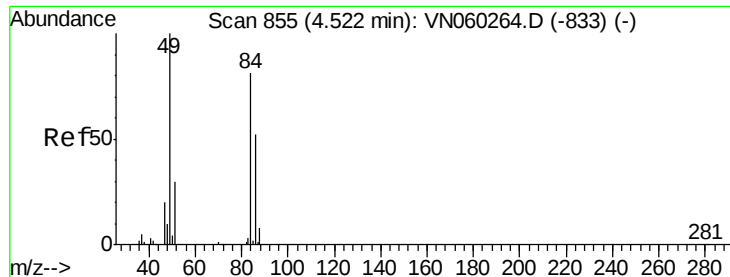
58 30.3 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

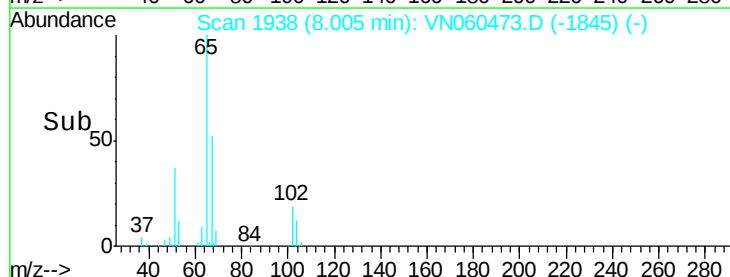
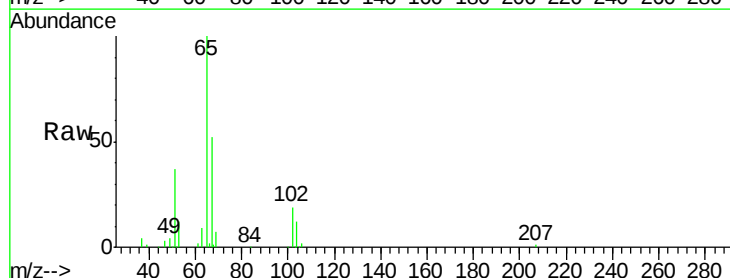
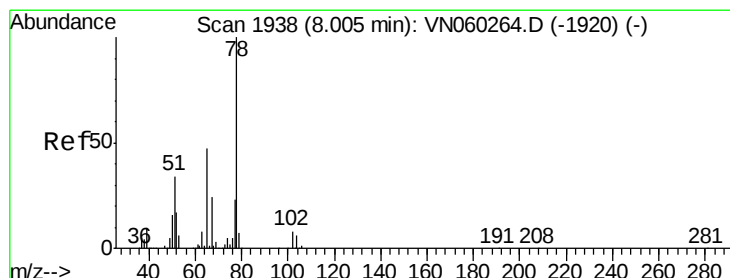
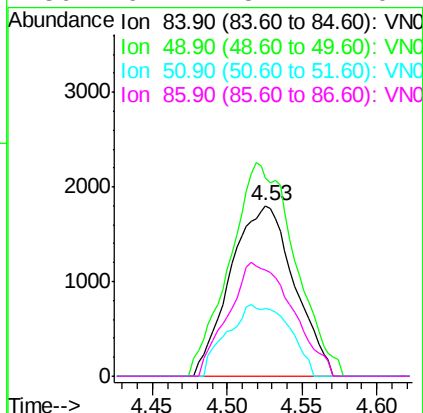




#20
Methvlene Chloride
Concen: 2.346 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN060473.D
Acq: 12 Mar 2020 12:55

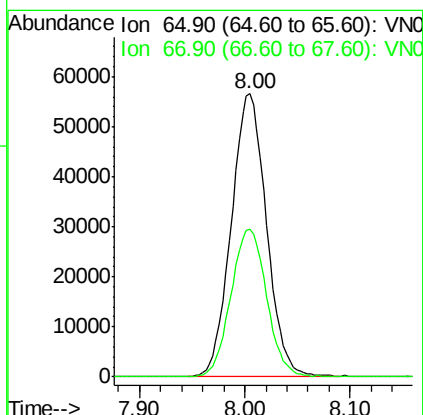
Instrument :
MSVOA_N
ClientSampleId :
CL-TP

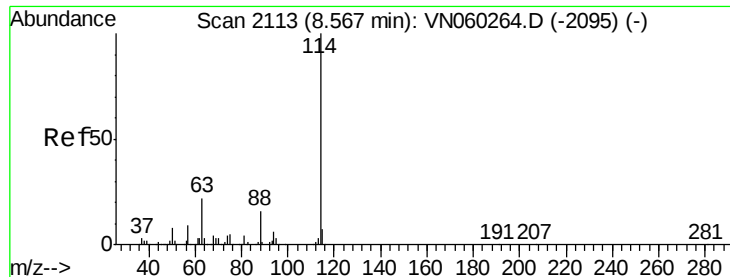
Tot Ion:	84	Resp:	5347
Ion	Ratio	Lower	Upper
84	100		
49	116.5	99.3	148.9
51	39.5	30.1	45.1
86	62.1	51.1	76.7



#33
1,2-Dichloroethane-d4
Concen: 50.983 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN060473.D
Acq: 12 Mar 2020 12:55

Tgt Ion:	65	Resp:	131051
Ion	Ratio	Lower	Upper
65	100		
67	53.1	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: VN060473.D

Acq: 12 Mar 2020 12:55

Instrument :

MSVOA_N

ClientSampleId :

CL-TP

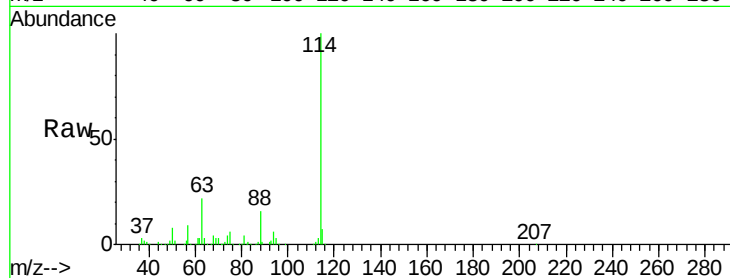
Tot Ion:114 Resp: 331988

Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.2

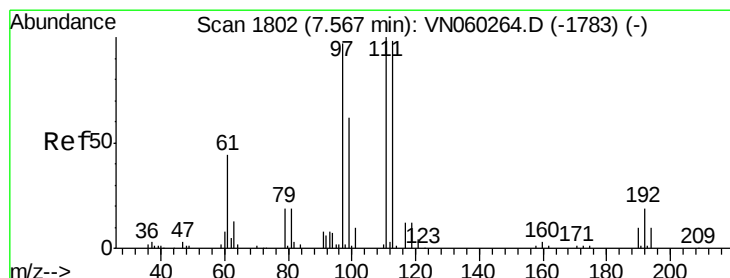
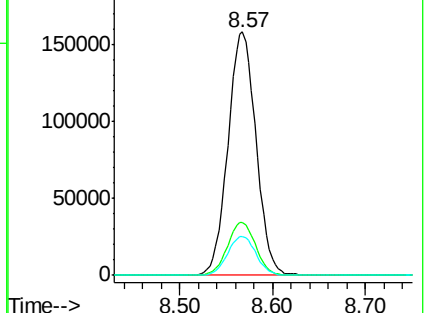
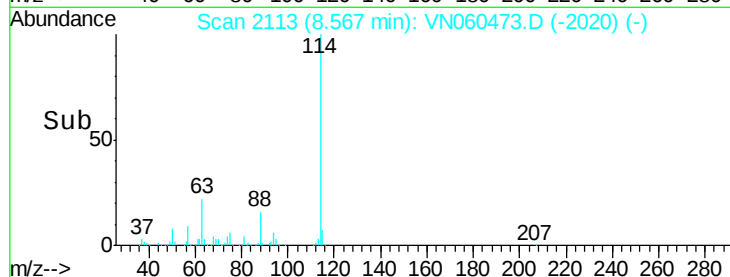
88 16.0 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 64.269 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN060473.D

Acq: 12 Mar 2020 12:55

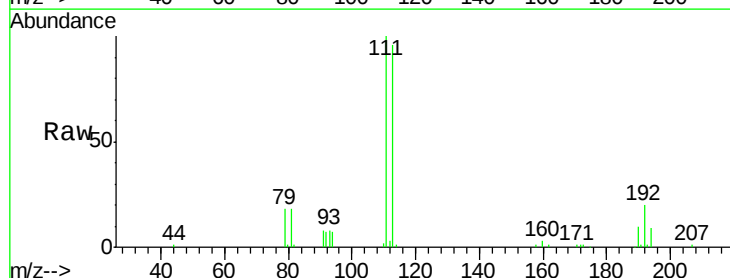
Tgt Ion:113 Resp: 99038

Ion Ratio Lower Upper

113 100

111 103.5 82.4 123.6

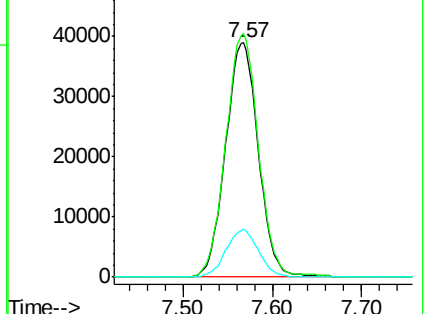
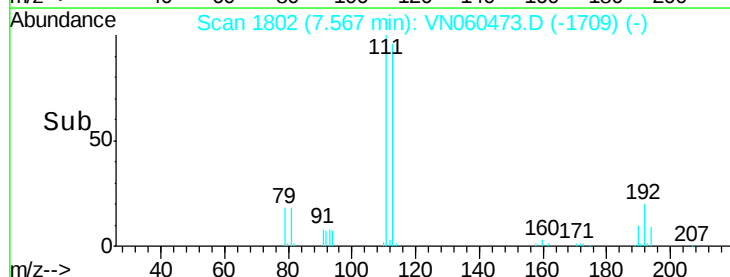
192 20.1 16.2 24.2

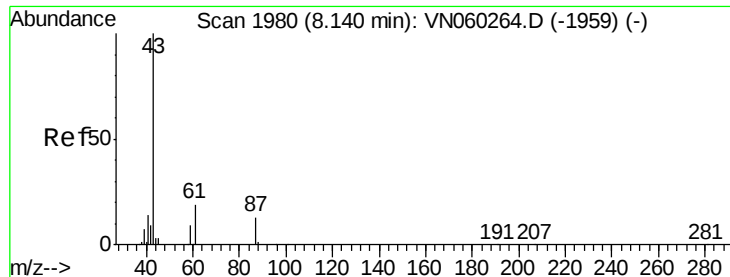


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 10.556 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060473.D

Acq: 12 Mar 2020 12:55

Instrument :

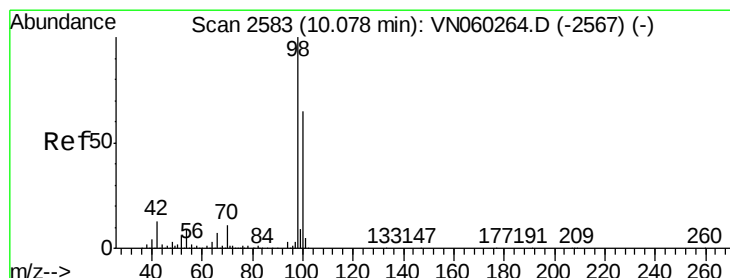
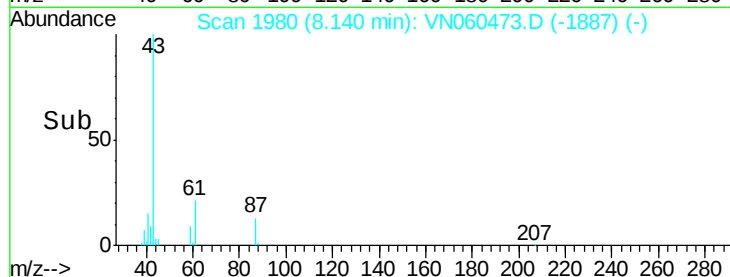
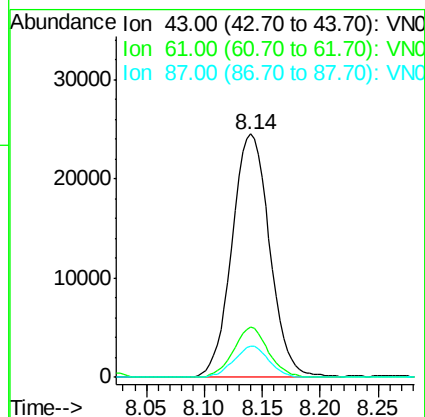
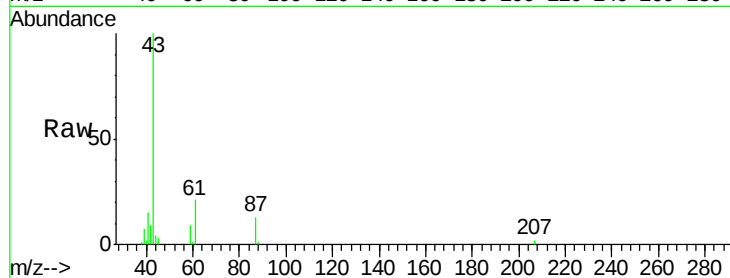
MSVOA_N

ClientSampleId :

CL-TP

Tot Ion: 43 Resp: 55363

Ion	Ratio	Lower	Upper
43	100		
61	18.9	20.9	31.3#
87	11.9	10.6	16.0



#50

Toluene-d8

Concen: 53.022 ug/l

RT: 10.08 min Scan# 2583

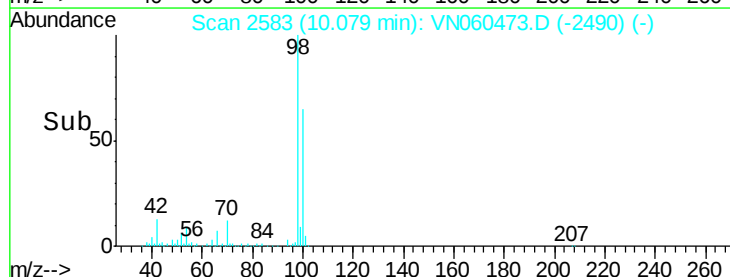
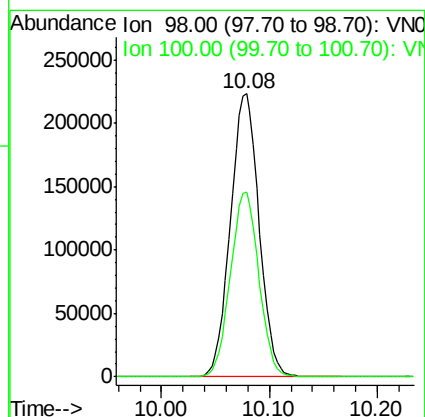
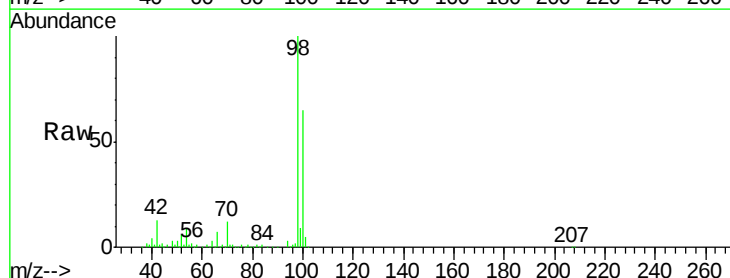
Delta R.T. 0.00 min

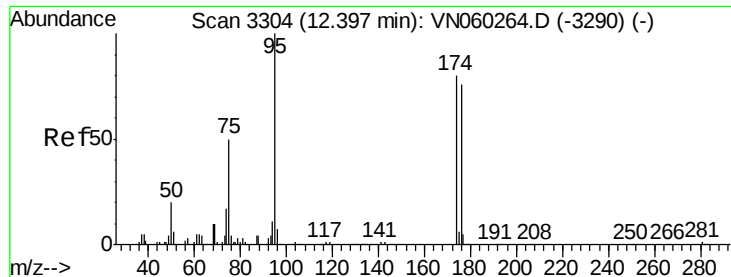
Lab File: VN060473.D

Acq: 12 Mar 2020 12:55

Tgt Ion: 98 Resp: 413527

Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.2	78.2





#62

4-Bromofluorobenzene

Concen: 51.738 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060473.D

Acq: 12 Mar 2020 12:55

Instrument :

MSVOA_N

ClientSampleId :

CL-TP

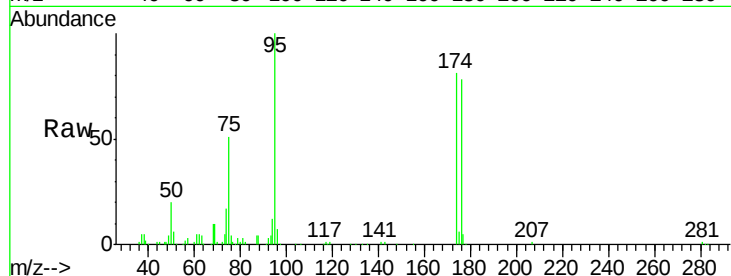
Tot Ion: 95 Resp: 152961

Ion Ratio Lower Upper

95 100

174 80.0 0.0 159.2

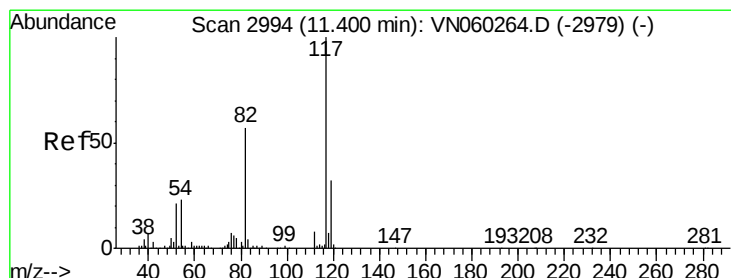
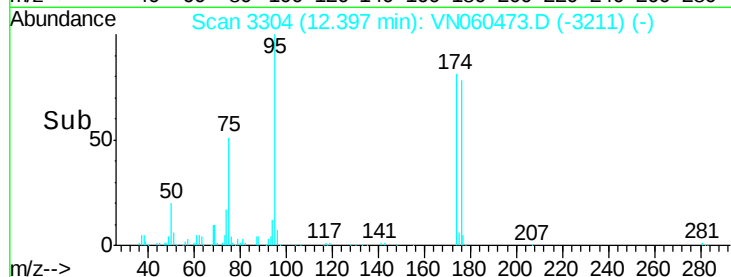
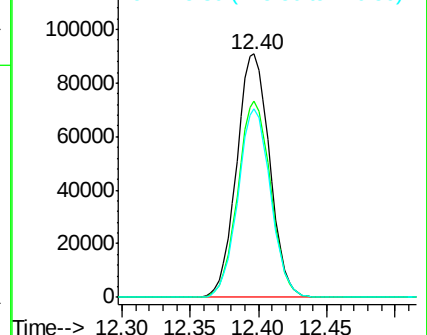
176 76.3 0.0 153.8



Abundance Ion 94.90 (94.60 to 95.60): VN060473.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060473.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060473.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060473.D

Acq: 12 Mar 2020 12:55

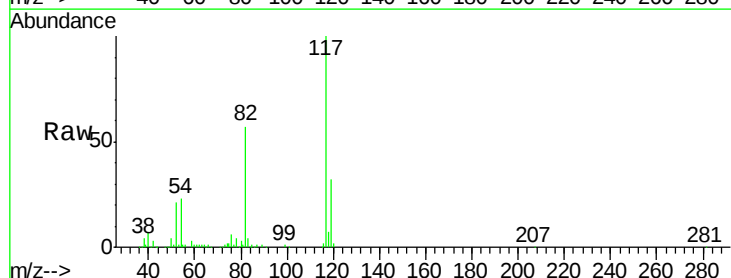
Tgt Ion: 117 Resp: 311330

Ion Ratio Lower Upper

117 100

82 57.4 45.8 68.6

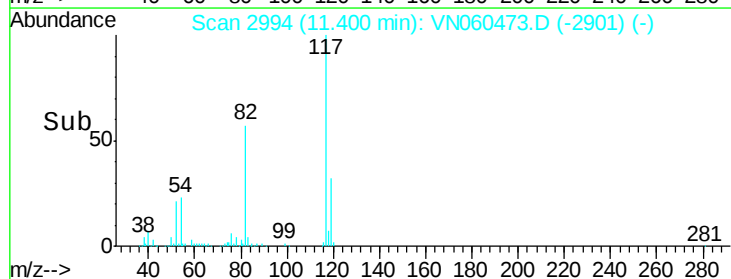
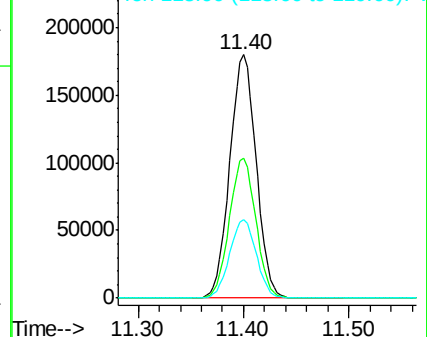
119 32.1 25.8 38.8

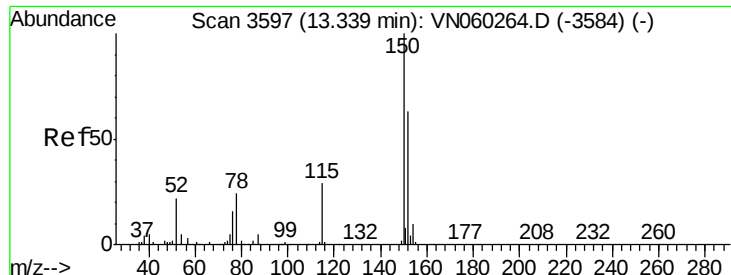


Abundance Ion 116.90 (116.60 to 117.60): VN060473.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN060473.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN060473.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: VN060473.D

Acq: 12 Mar 2020 12:55

Instrument :

MSVOA_N

ClientSampleId :

CL-TP

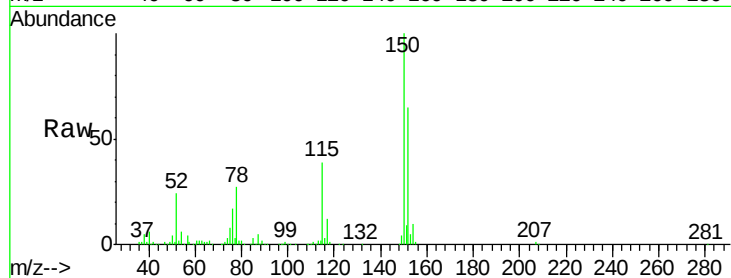
Tot Ion:152 Resp: 144622

Ion Ratio Lower Upper

152 100

115 60.1 30.0 90.0

150 156.9 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

