

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031720\
 Data File : VN060549.D
 Acq On : 17 Mar 2020 12:24
 Operator : JC/MD
 Sample : L1946-04 50X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP

Quant Time: Mar 18 07:05:47 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

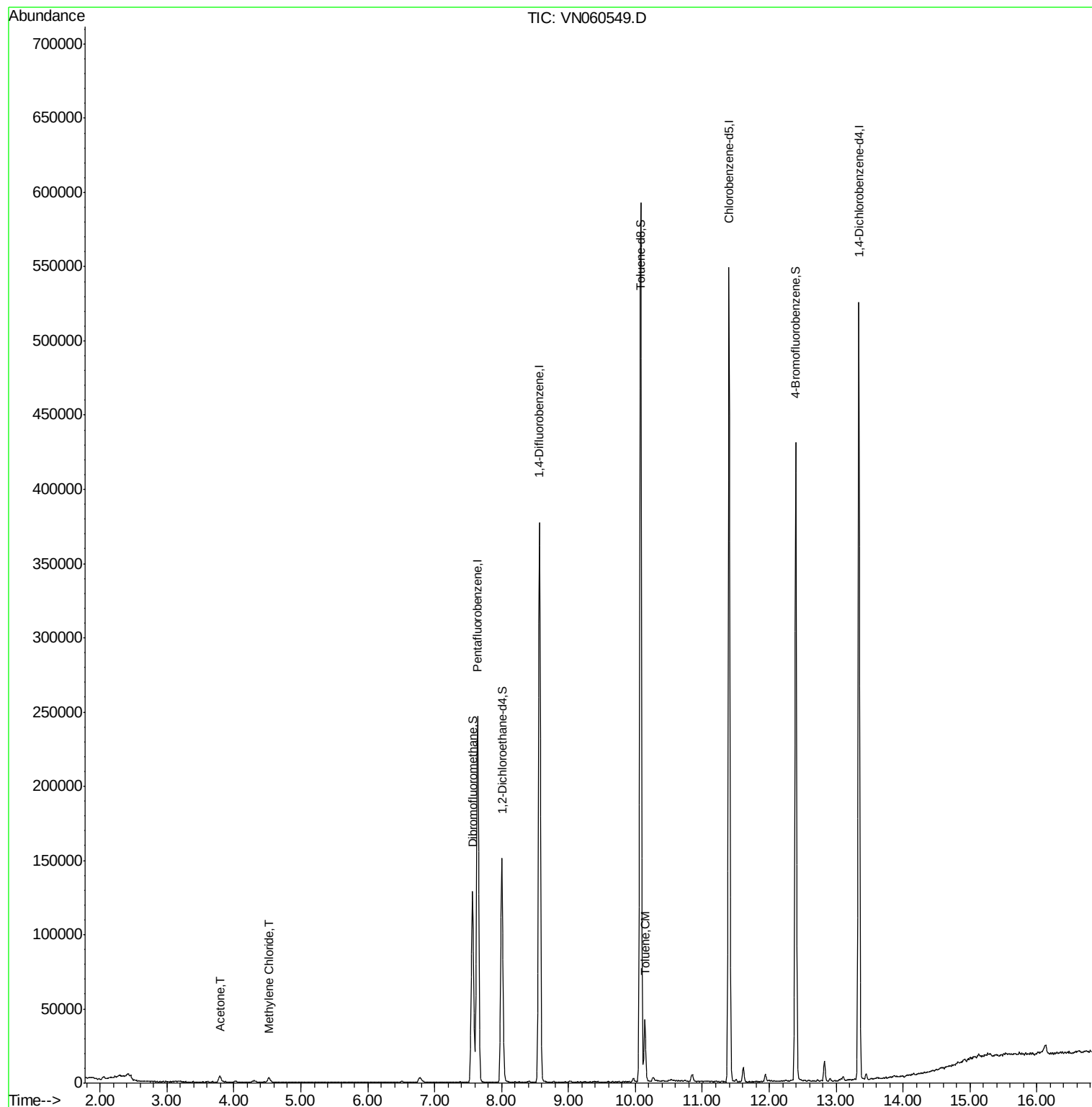
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	201868	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	338368	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	309283	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	140490	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	130333	50.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.64%	
35) Dibromofluoromethane	7.57	113	98983	63.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	126.04%	
50) Toluene-d8	10.08	98	411992	51.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.66%	
62) 4-Bromofluorobenzene	12.40	95	152473	50.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.20%	
Target Compounds						
16) Acetone	3.79	43	8065	9.643	ug/l	97
20) Methylene Chloride	4.52	84	2438	1.061	ug/l	91
52) Toluene	10.14	92	17905	3.037	ug/l	100

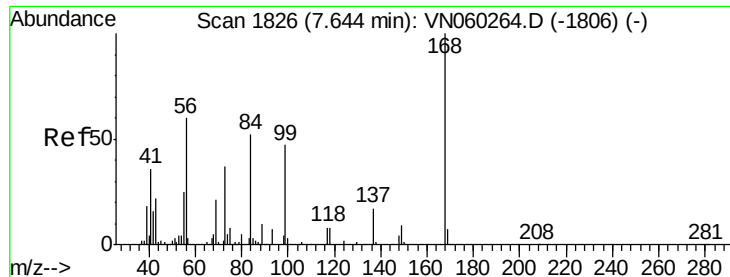
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN060549.D

Acq: 17 Mar 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

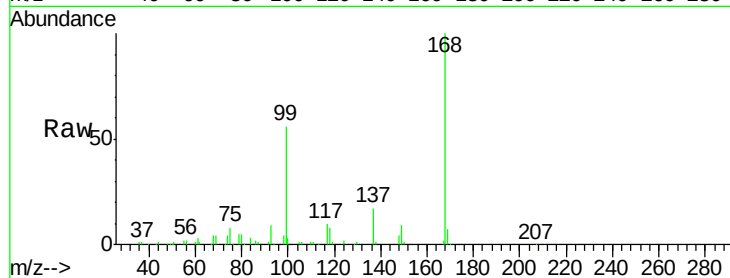
COMP

Tot Ion:168 Resp: 201868

Ion Ratio Lower Upper

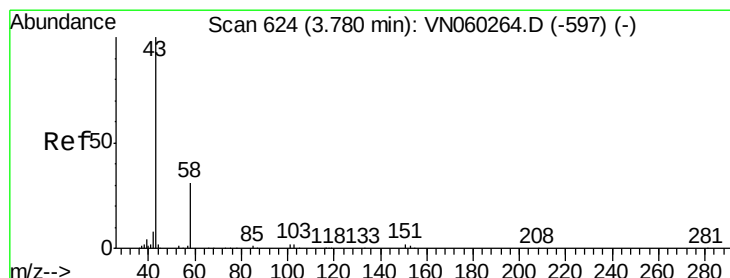
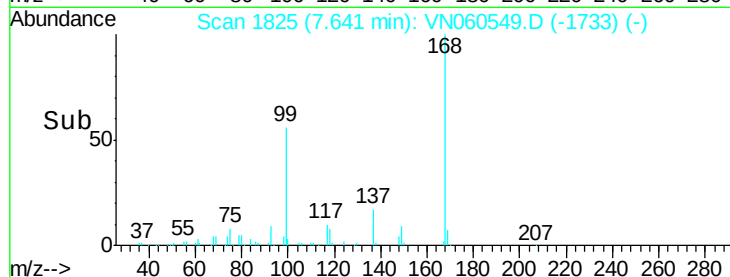
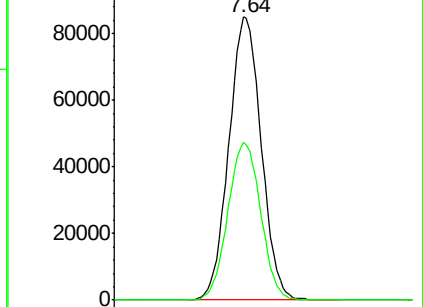
168 100

99 55.6 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: 9.643 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN060549.D

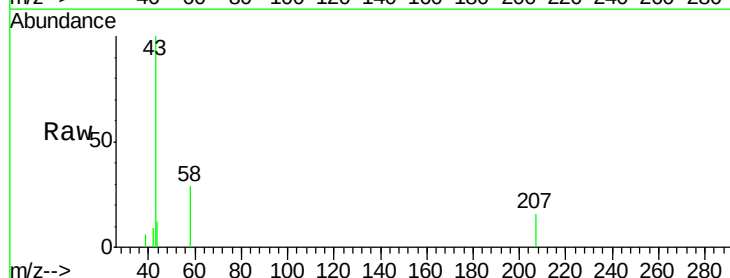
Acq: 17 Mar 2020 12:24

Tgt Ion: 43 Resp: 8065

Ion Ratio Lower Upper

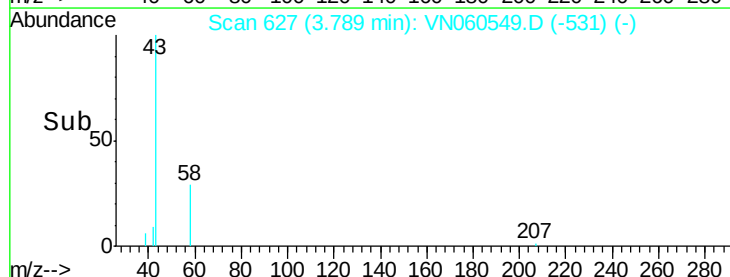
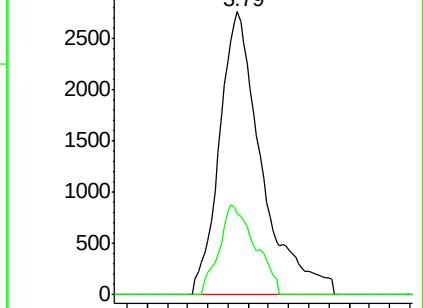
43 100

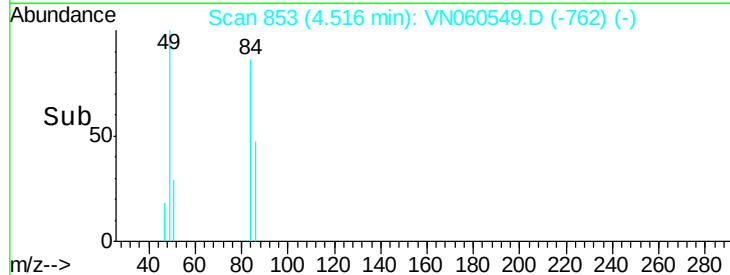
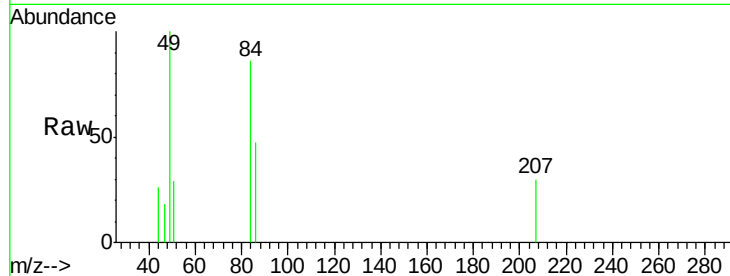
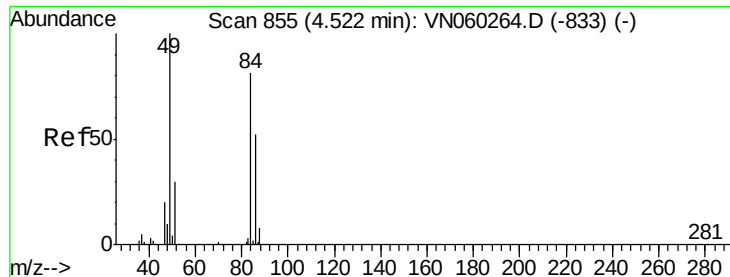
58 28.9 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

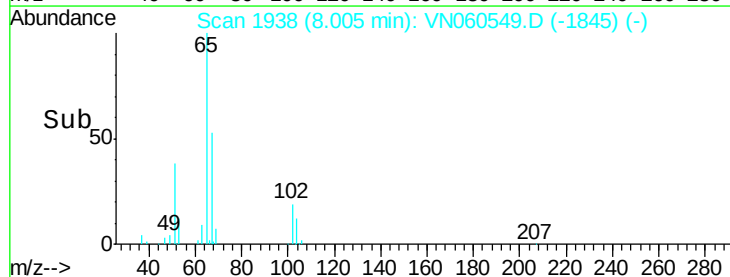
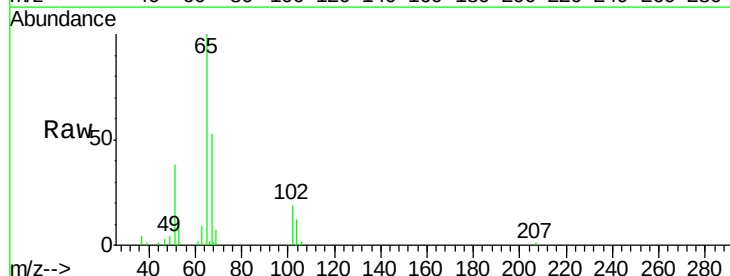
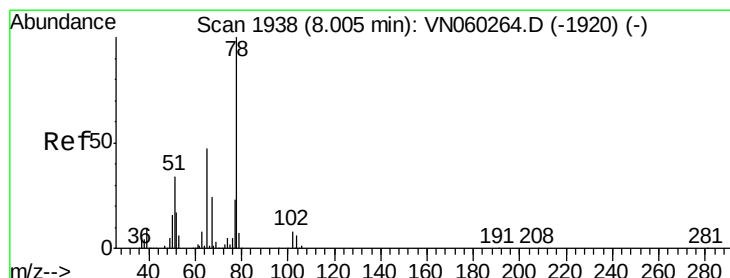
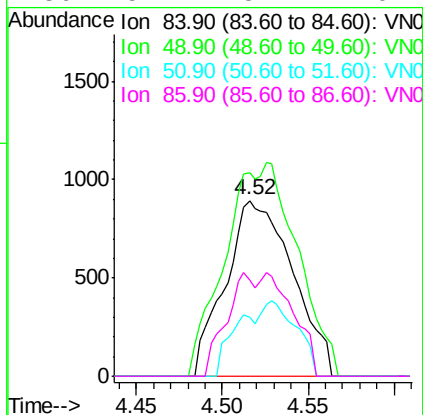




#20
Methylene Chloride
Concen: 1.061 ug/l
RT: 4.52 min Scan# 853
Delta R.T. -0.01 min
Lab File: VN060549.D
Acq: 17 Mar 2020 12:24

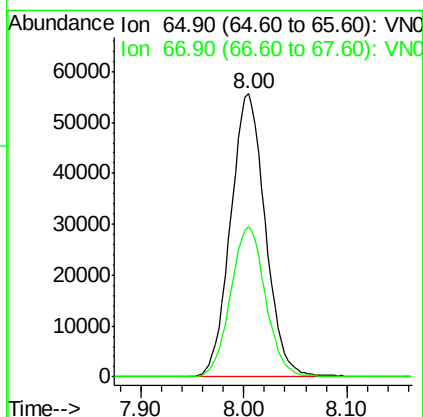
Instrument :
MSVOA_N
ClientSampled :
COMP

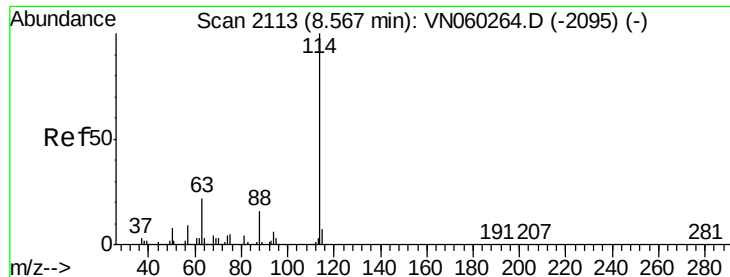
Tot Ion:	84	Resp:	2438
Ion	Ratio	Lower	Upper
84	100		
49	116.0	99.3	148.9
51	33.3	30.1	45.1
86	54.4	51.1	76.7



#33
1,2-Dichloroethane-d4
Concen: 50.322 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VN060549.D
Acq: 17 Mar 2020 12:24

Tgt Ion:	65	Resp:	130333
Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	103.8

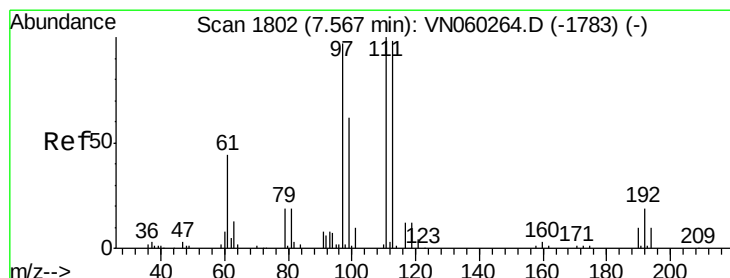
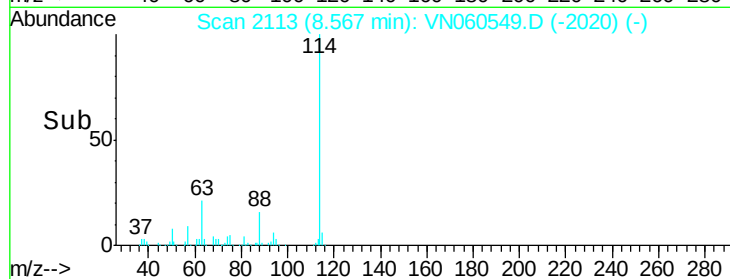
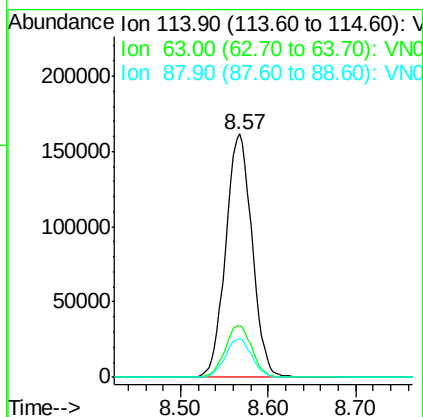
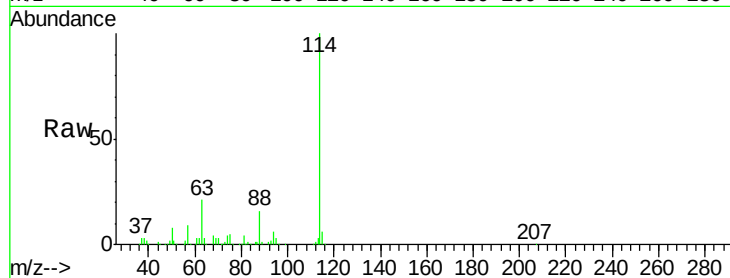




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. -0.00 min
Lab File: VN060549.D
Acq: 17 Mar 2020 12:24

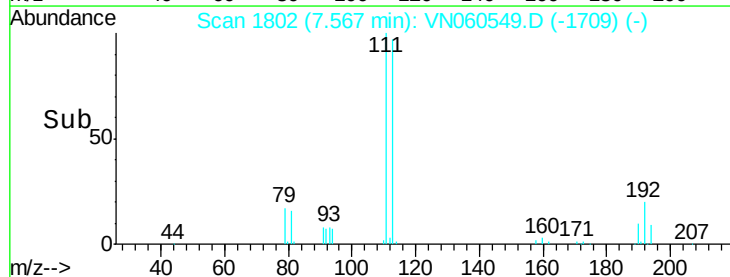
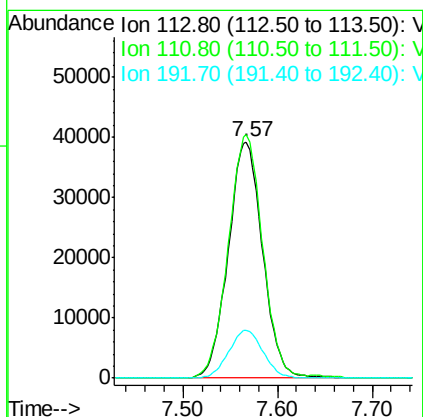
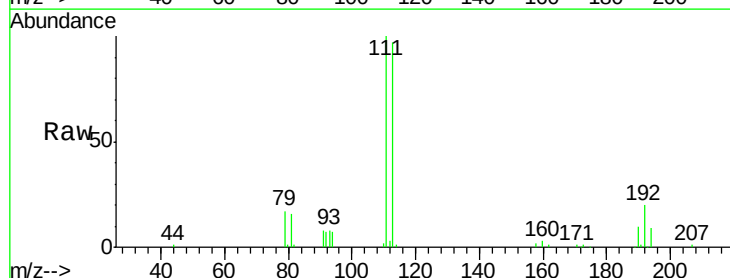
Instrument :
MSVOA_N
ClientSampleId :
COMP

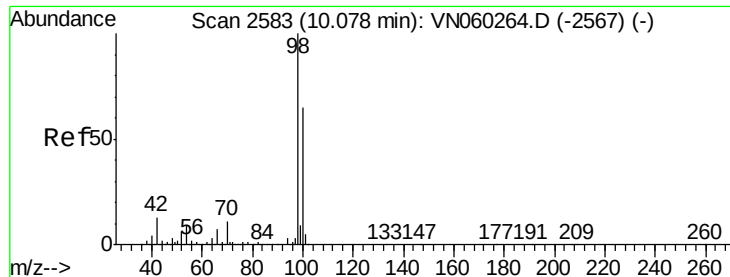
Tot Ion:114 Resp: 338368
Ion Ratio Lower Upper
114 100
63 21.4 0.0 43.2
88 16.0 0.0 31.6



#35
Dibromofluoromethane
Concen: 63.023 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN060549.D
Acq: 17 Mar 2020 12:24

Tgt Ion:113 Resp: 98983
Ion Ratio Lower Upper
113 100
111 102.7 82.4 123.6
192 20.2 16.2 24.2





#50

Toluene-d8

Concen: 51.830 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060549.D

Acq: 17 Mar 2020 12:24

Instrument :

MSVOA_N

ClientSampled :

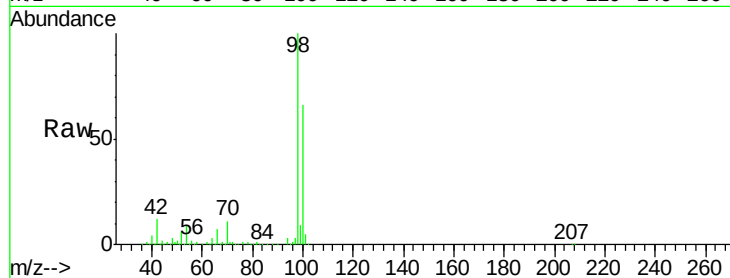
COMP

Tot Ion: 98 Resp: 411992

Ion Ratio Lower Upper

98 100

100 65.4 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

250000

200000

150000

100000

50000

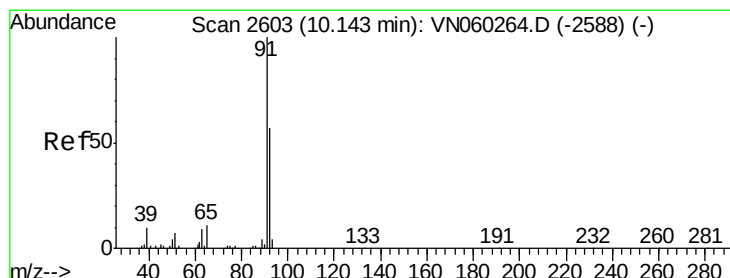
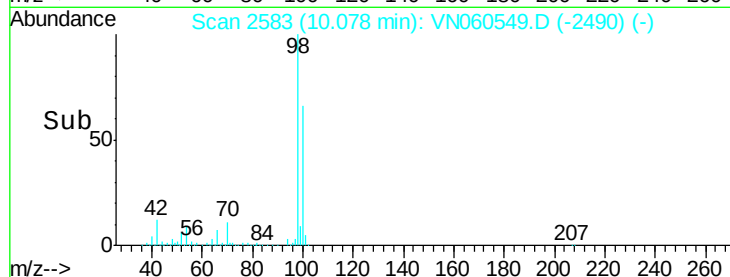
0

10.00

10.10

10.20

Time-->



#52

Toluene

Concen: 3.037 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN060549.D

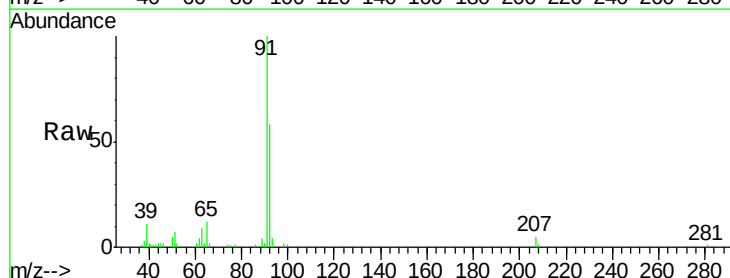
Acq: 17 Mar 2020 12:24

Tgt Ion: 92 Resp: 17905

Ion Ratio Lower Upper

92 100

91 172.8 138.1 207.1



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

20000

15000

10000

5000

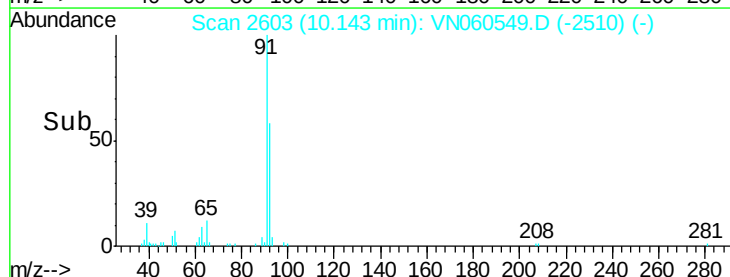
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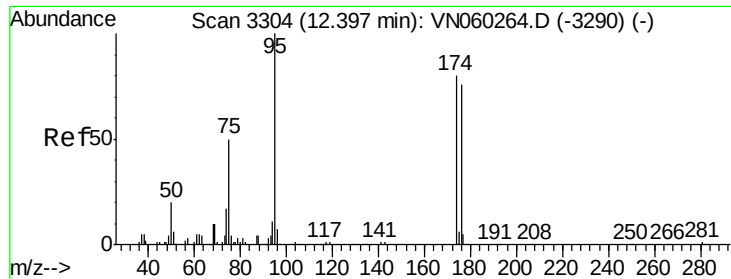
10.10

10.15

10.20

Time-->

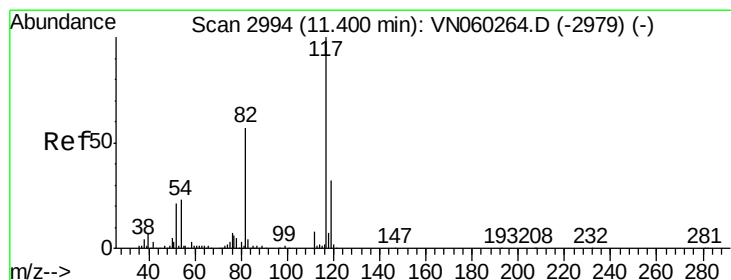
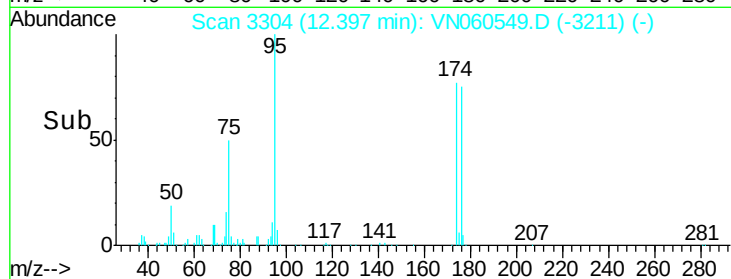
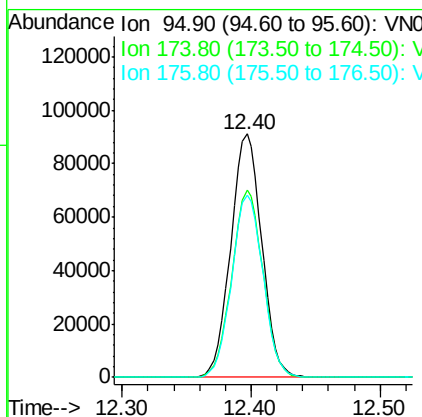
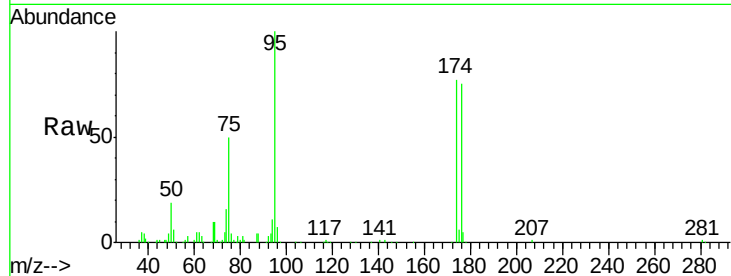




#62
4-Bromofluorobenzene
Concen: 50.601 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN060549.D
Acq: 17 Mar 2020 12:24

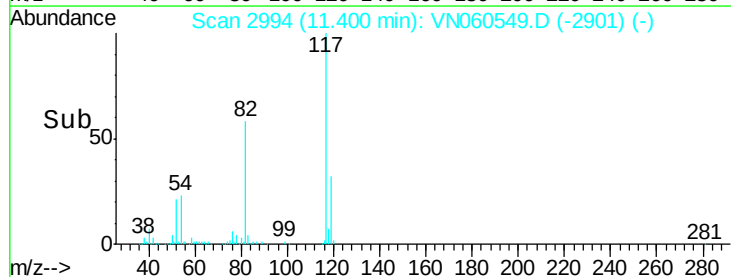
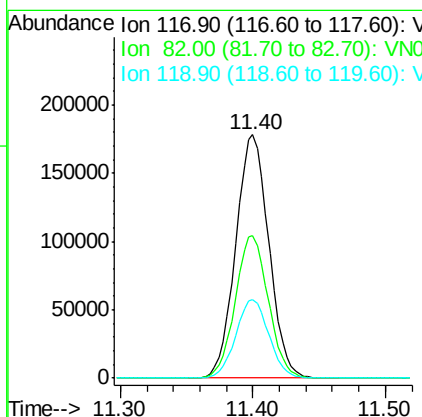
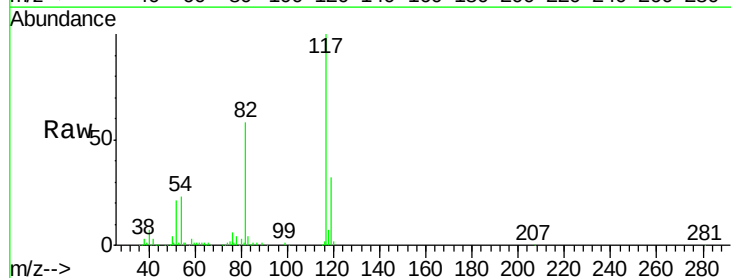
Instrument :
MSVOA_N
ClientSampleId :
COMP

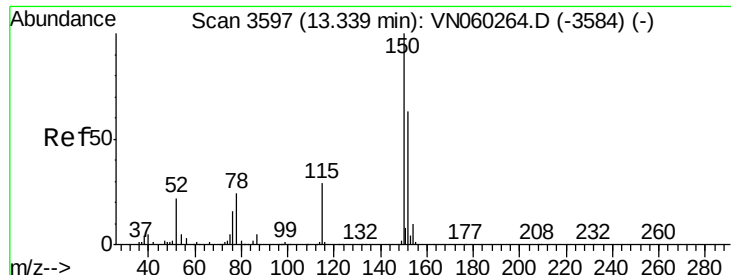
Tot Ion: 95 Resp: 152473
Ion Ratio Lower Upper
95 100
174 77.1 0.0 159.2
176 75.2 0.0 153.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060549.D
Acq: 17 Mar 2020 12:24

Tgt Ion: 117 Resp: 309283
Ion Ratio Lower Upper
117 100
82 58.3 45.8 68.6
119 32.5 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060549.D

Acq: 17 Mar 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

COMP

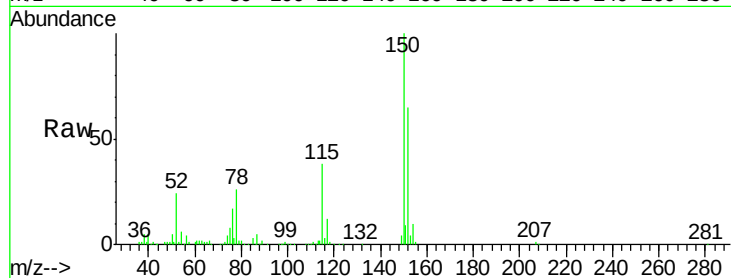
Tot Ion:152 Resp: 140490

Ion Ratio Lower Upper

152 100

115 58.3 30.0 90.0

150 156.4 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

