

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030620\
 Data File : VN060379.D
 Acq On : 6 Mar 2020 14:43
 Operator : JC/MD
 Sample : L1802-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 400304783-TRIP-BLANK

Quant Time: Mar 07 03:47:25 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

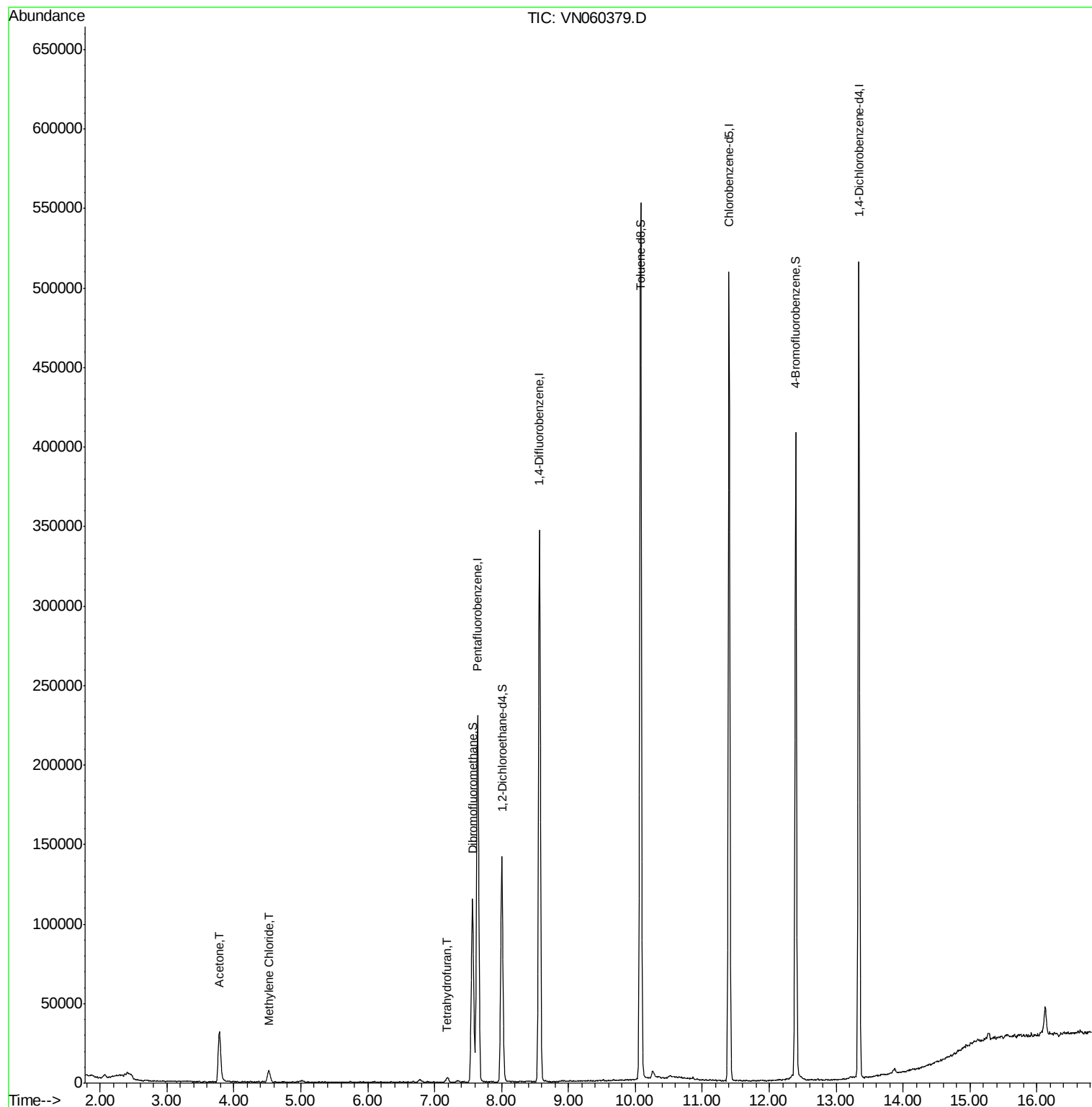
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	187348	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	306952	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	287141	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	132723	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	122724	51.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.12%	
35) Dibromofluoromethane	7.57	113	88567	62.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.32%	
50) Toluene-d8	10.08	98	379943	52.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.38%	
62) 4-Bromofluorobenzene	12.40	95	139939	51.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.38%	
Target Compounds						
16) Acetone	3.78	43	55674	71.724	ug/l	97
20) Methylene Chloride	4.52	84	5779	2.711	ug/l #	92
29) Tetrahydrofuran	7.19	42	2347	2.692	ug/l #	87

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN030620\
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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# 1826

Delta R.T. 0.00 min

Lab File: VN060379.D

Acq: 6 Mar 2020 14:43

Instrument :

MSVOA_N

ClientSampleId :

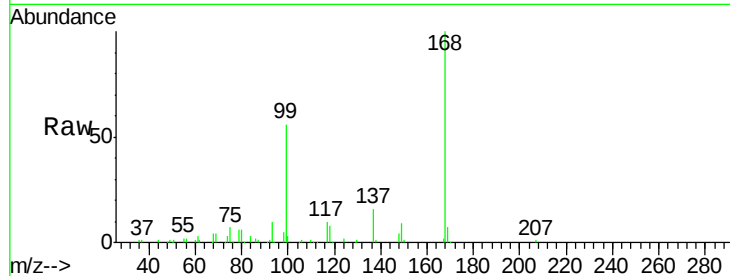
400304783-TRIP-BLANK

Tot Ion:168 Resp: 187348

Ion Ratio Lower Upper

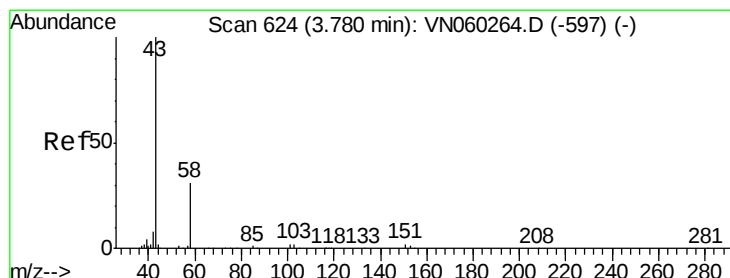
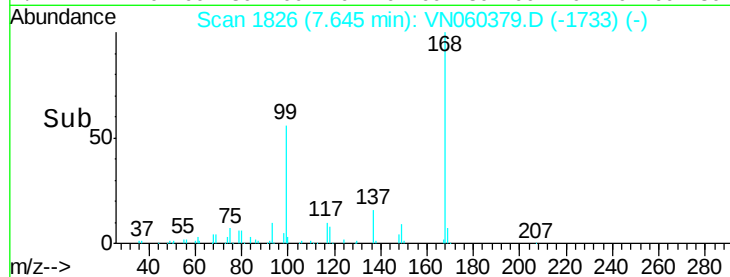
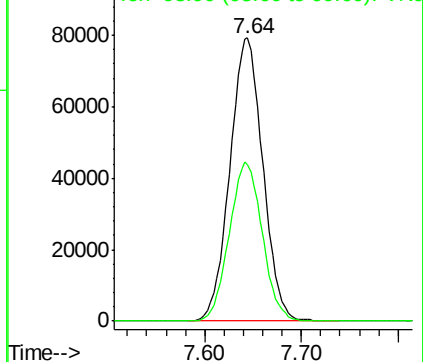
168 100

99 55.5 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: 71.724 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN060379.D

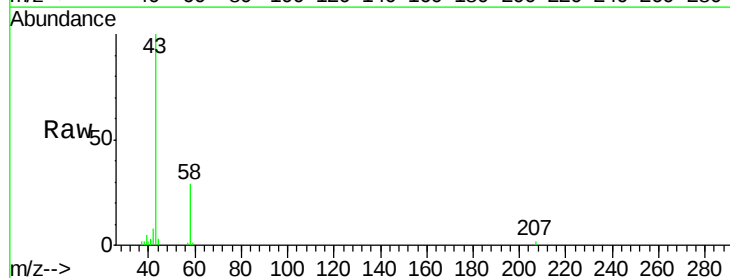
Acq: 6 Mar 2020 14:43

Tgt Ion: 43 Resp: 55674

Ion Ratio Lower Upper

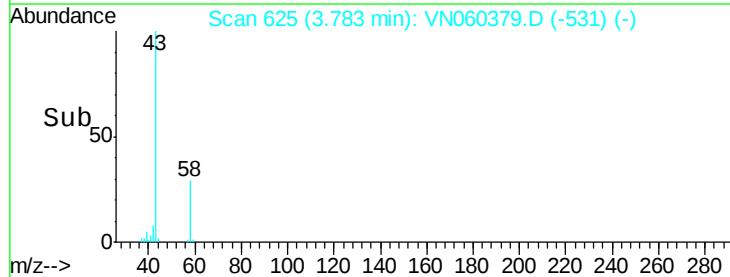
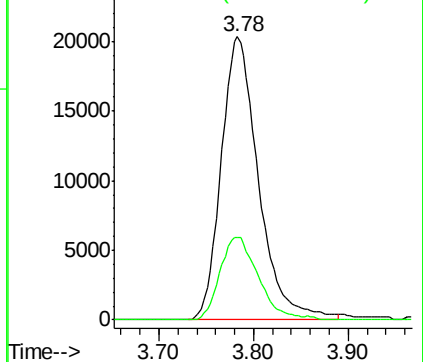
43 100

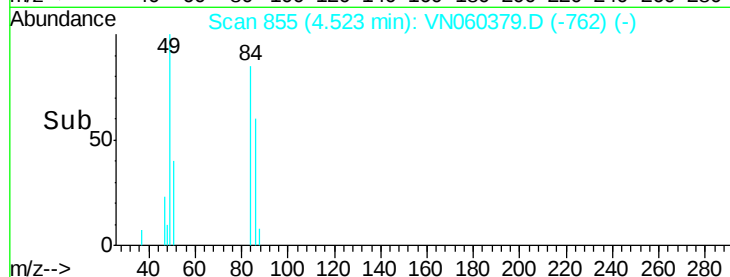
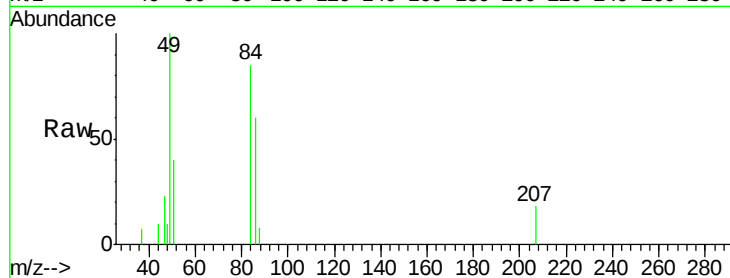
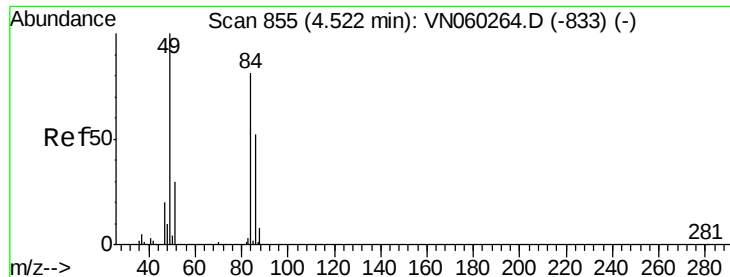
58 29.3 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

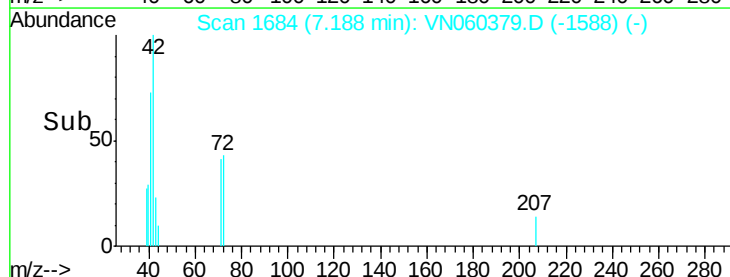
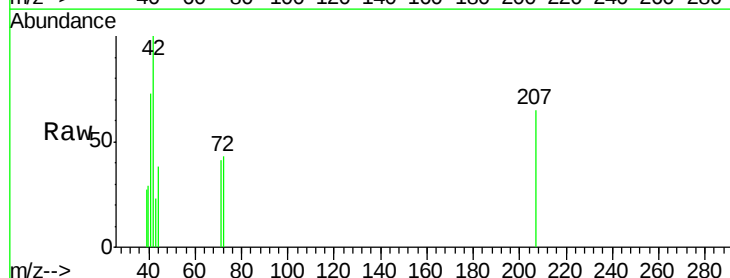
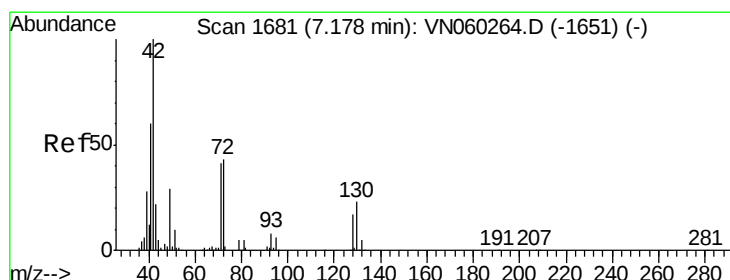
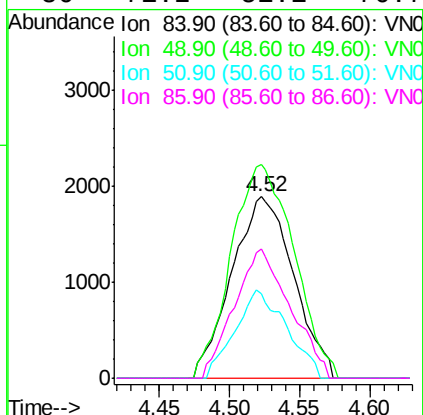




#20
Methylene Chloride
Concen: 2.711 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN060379.D
Acq: 6 Mar 2020 14:43

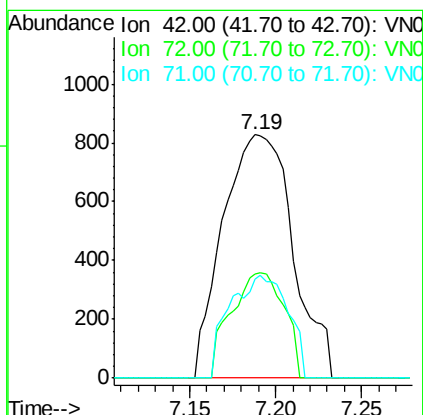
Instrument :
MSVOA_N
ClientSampleId :
400304783-TRIP-BLANK

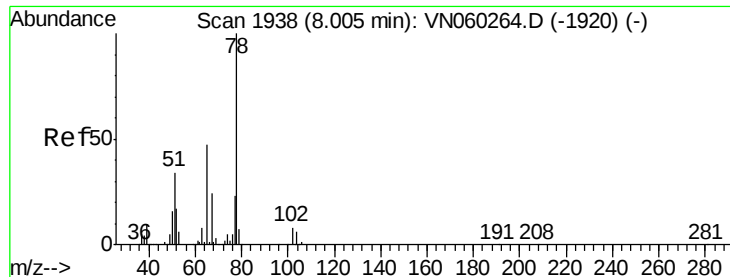
Tot Ion:	84	Resp:	5779
Ion	Ratio	Lower	Upper
84	100		
49	117.9	99.3	148.9
51	46.8	30.1	45.1#
86	71.2	51.1	76.7



#29
Tetrahydrofuran
Concen: 2.692 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.01 min
Lab File: VN060379.D
Acq: 6 Mar 2020 14:43

Tgt Ion:	42	Resp:	2347
Ion	Ratio	Lower	Upper
42	100		
72	32.7	34.6	52.0#
71	35.0	32.9	49.3

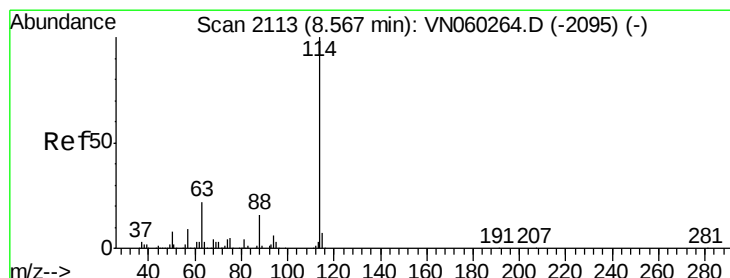
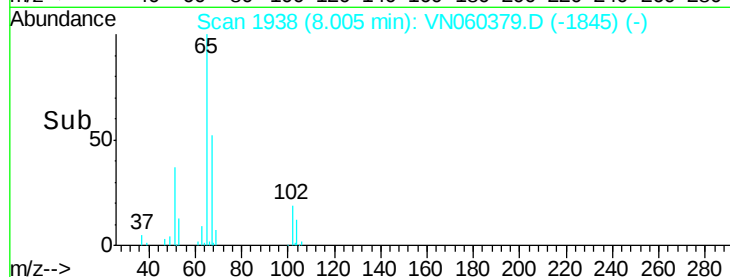
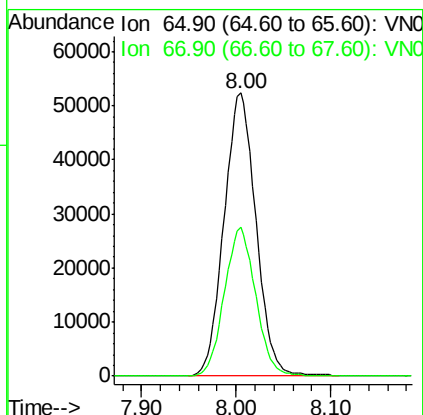
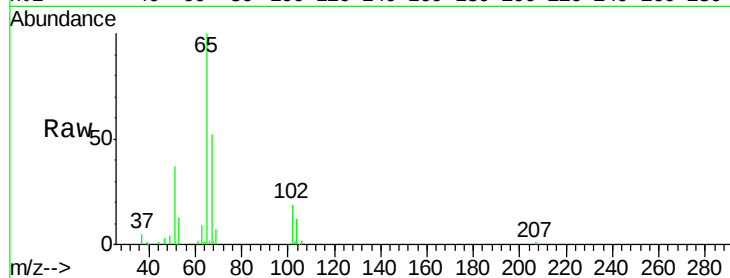




#33
 1,2-Dichloroethane-d4
 Concen: 51.056 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN060379.D
 Acq: 6 Mar 2020 14:43

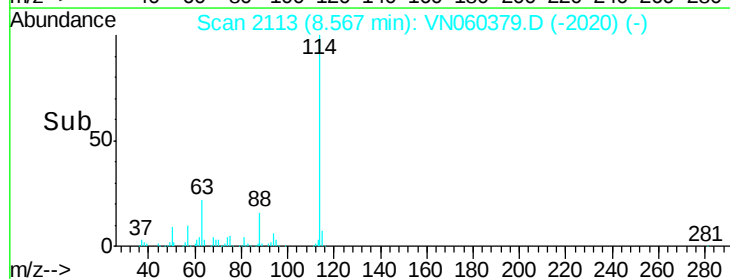
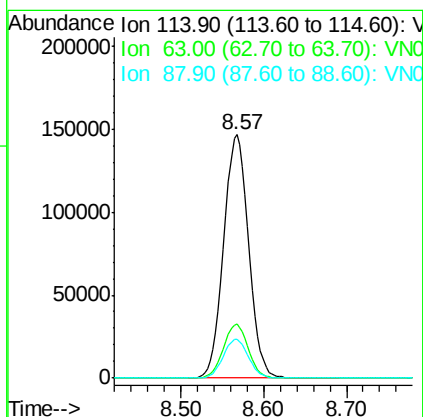
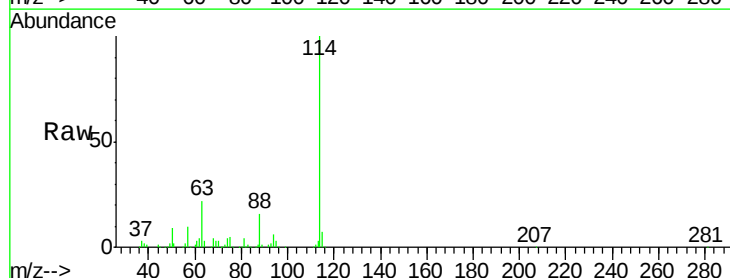
Instrument :
 MSVOA_N
 ClientSampleId :
 400304783-TRIP-BLANK

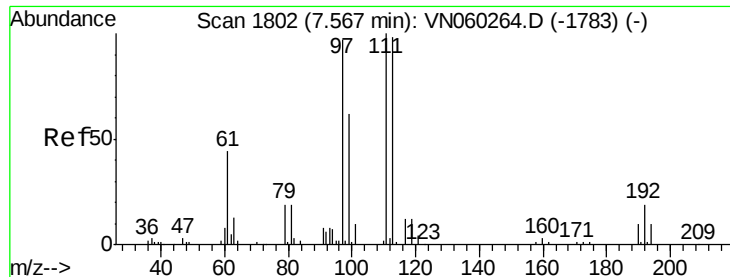
Tot Ion: 65 Resp: 122724
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060379.D
 Acq: 6 Mar 2020 14:43

Tgt Ion: 114 Resp: 306952
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 43.2
 88 15.9 0.0 31.6

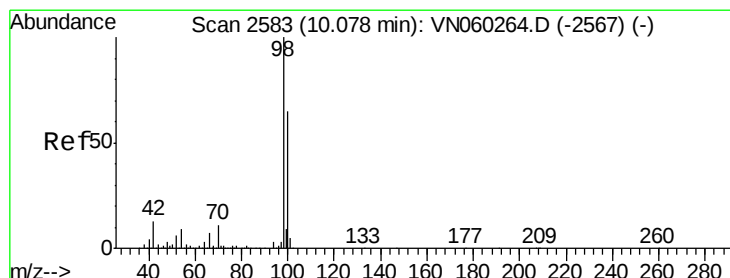
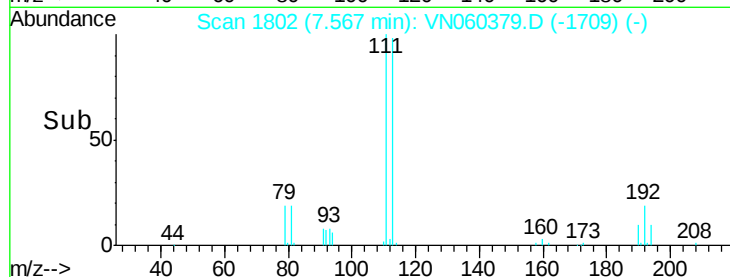
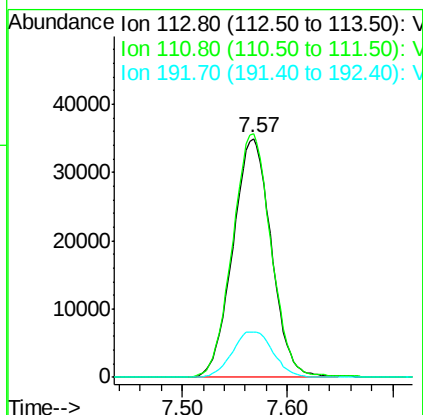
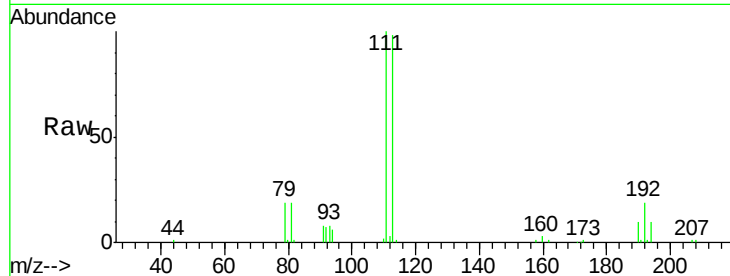




#35
Dibromofluoromethane
Concen: 62.162 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN060379.D
Acq: 6 Mar 2020 14:43

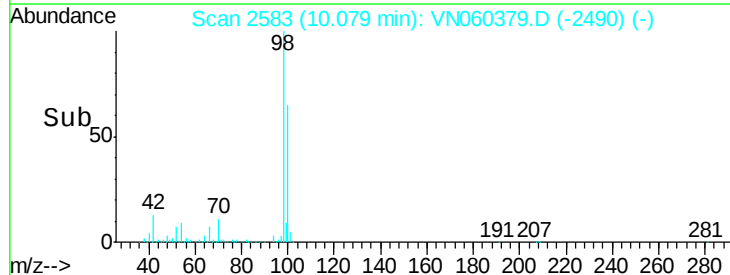
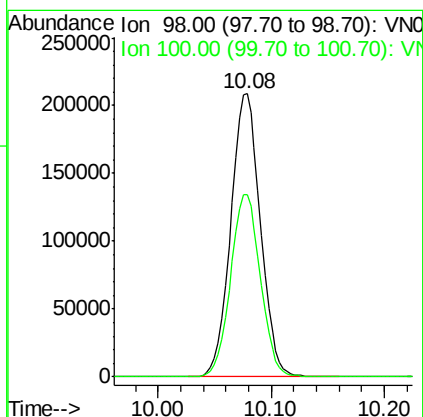
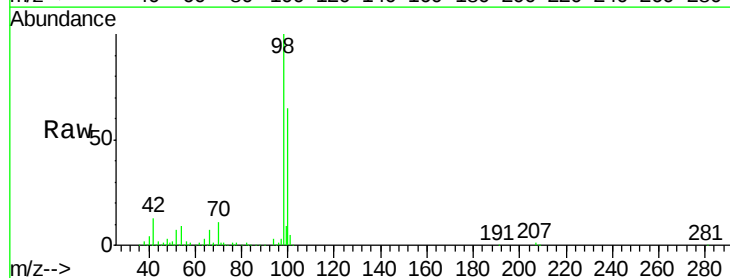
Instrument :
MSVOA_N
ClientSampleId :
400304783-TRIP-BLANK

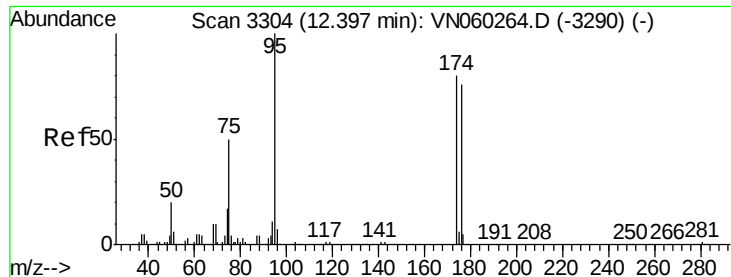
Tot Ion:113 Resp: 88567
Ion Ratio Lower Upper
113 100
111 102.7 82.4 123.6
192 20.1 16.2 24.2



#50
Toluene-d8
Concen: 52.690 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN060379.D
Acq: 6 Mar 2020 14:43

Tgt Ion: 98 Resp: 379943
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.2





#62

4-Bromofluorobenzene

Concen: 51.194 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060379.D

Acq: 6 Mar 2020 14:43

Instrument :

MSVOA_N

ClientSampleId :

400304783-TRIP-BLANK

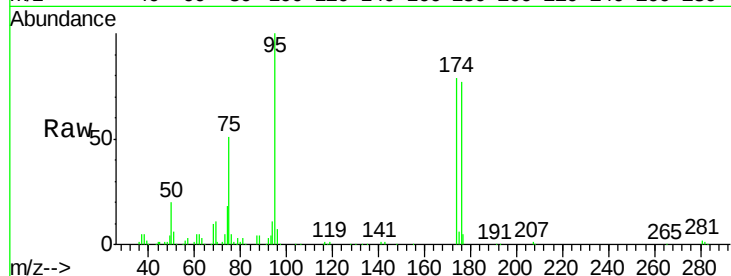
Tot Ion: 95 Resp: 139939

Ion Ratio Lower Upper

95 100

174 79.2 0.0 159.2

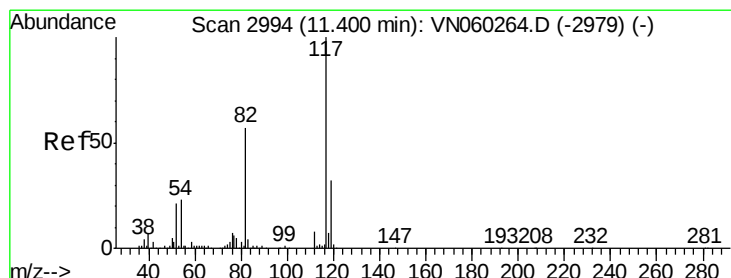
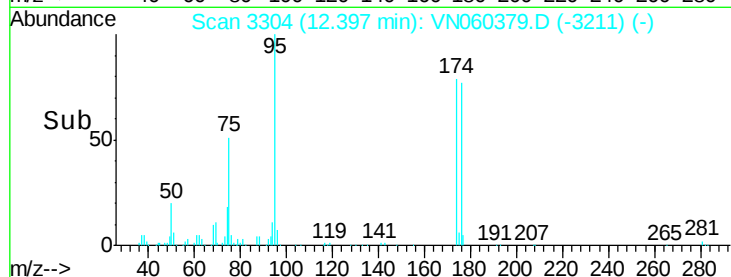
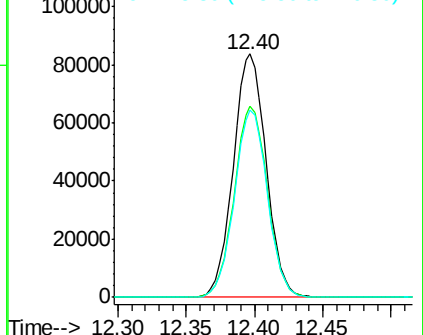
176 77.2 0.0 153.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060379.D

Acq: 6 Mar 2020 14:43

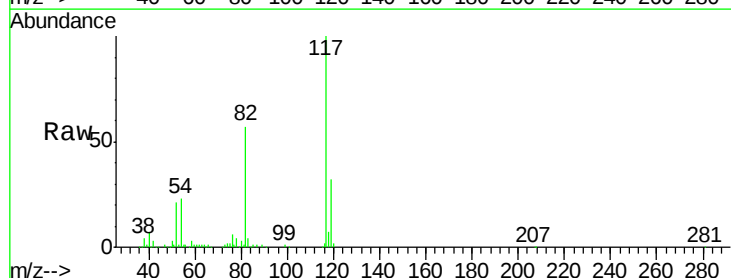
Tgt Ion: 117 Resp: 287141

Ion Ratio Lower Upper

117 100

82 56.8 45.8 68.6

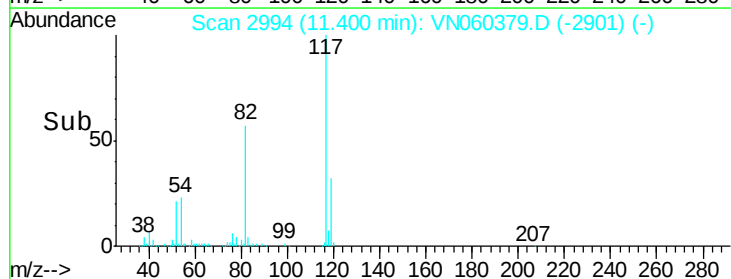
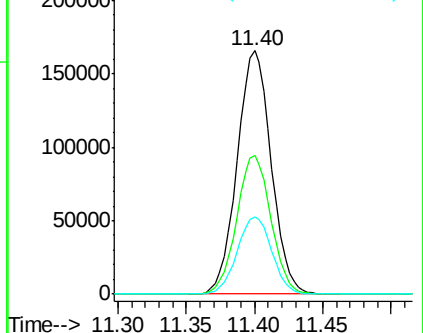
119 31.7 25.8 38.8

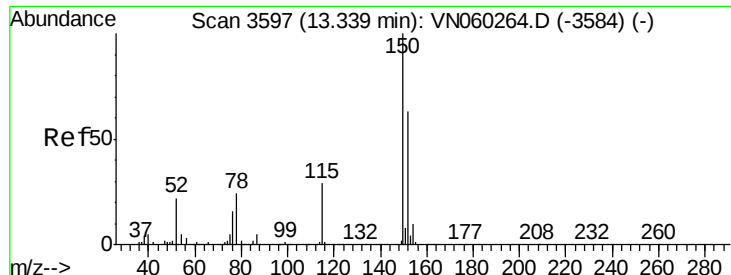


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060379.D

Acq: 6 Mar 2020 14:43

Instrument :

MSVOA_N

ClientSampleId :

400304783-TRIP-BLANK

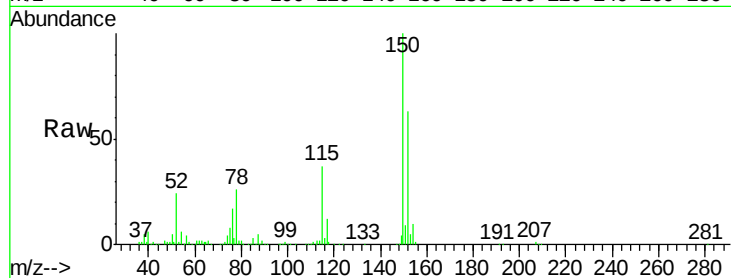
Tot Ion:152 Resp: 132723

Ion Ratio Lower Upper

152 100

115 58.9 30.0 90.0

150 157.6 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

