

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN063020\
 Data File : VN062249.D
 Acq On : 30 Jun 2020 19:03
 Operator : JC/MD
 Sample : L3170-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4

Manual Integrations
 APPROVED

MMDadoda
 7/1/2020 10:16:29 AM

Quant Time: Jul 01 05:21:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	200757	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	389430	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	377335	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	132160	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	156773	55.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.30%	
35) Dibromofluoromethane	7.55	113	126739	50.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.46%	
50) Toluene-d8	10.06	98	497967	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.72%	
62) 4-Bromofluorobenzene	12.38	95	160430	47.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.10%	
Target Compounds						
19) Methyl tert-butyl Ether	4.99	73	644843	87.543	ug/l	99
29) Tetrahydrofuran	7.18	42	3730m	4.135	ug/l	

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

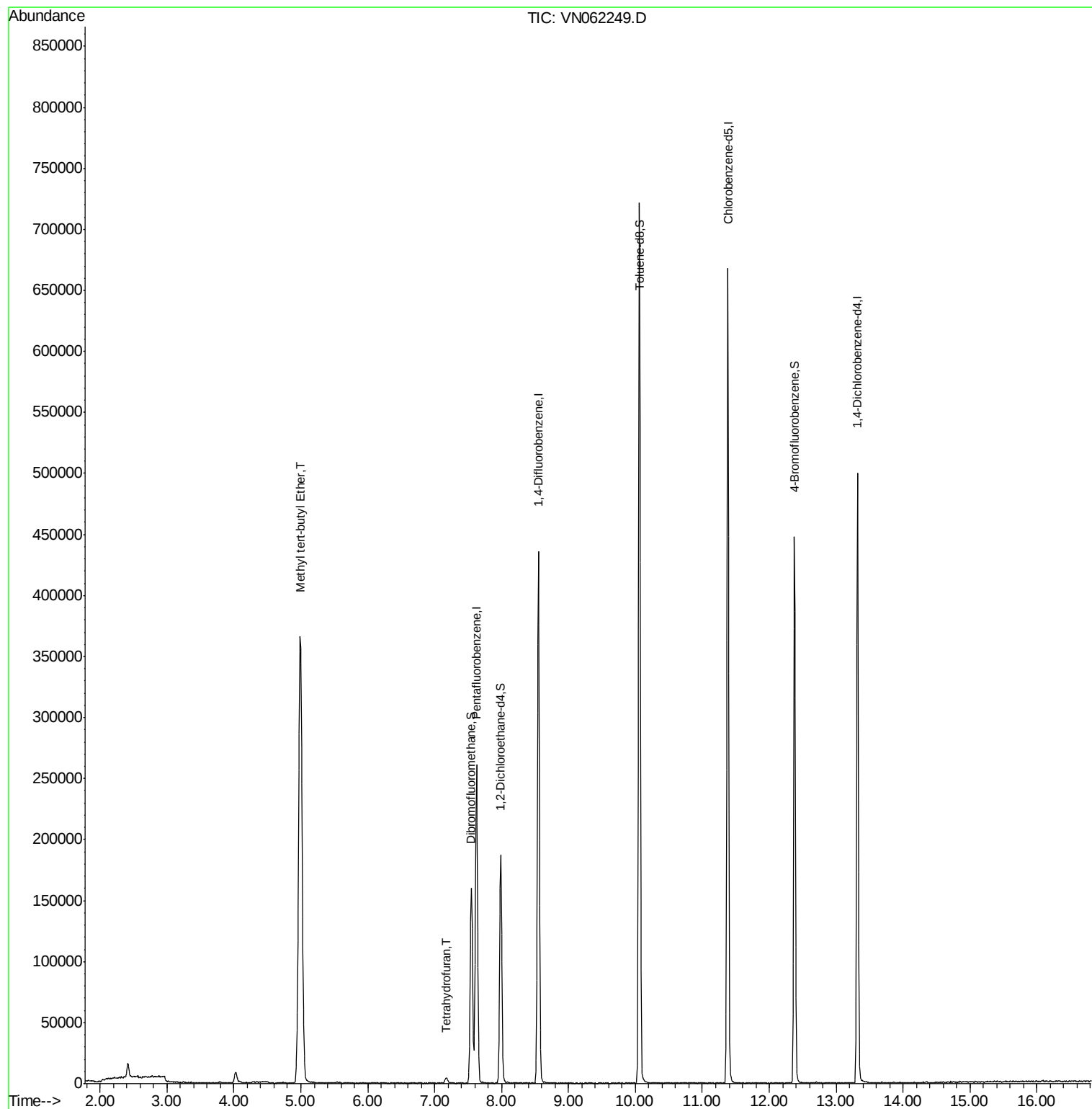
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Data File : VN062249.D
Acq On : 30 Jun 2020 19:03
Operator : JC/MD
Sample : L3170-03
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 21 Sample Multiplier: 1

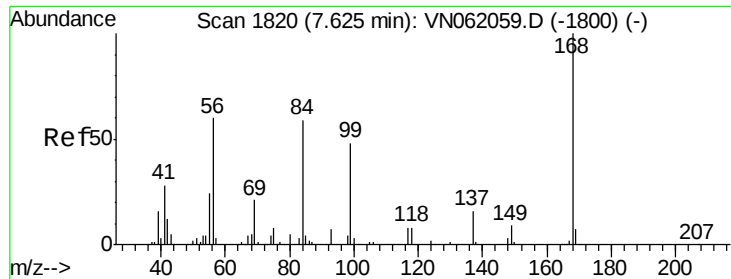
Instrument :
MSVOA_N
ClientSampleId :
MW-4

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7/1/2020 10:16:29 AM

Quant Time: Jul 01 05:21:17 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062249.D

Acq: 30 Jun 2020 19:03

Instrument :

MSVOA_N

ClientSampleId :

MW-4

Tot Ion:168 Resp: 200757

Ion Ratio Lower Upper

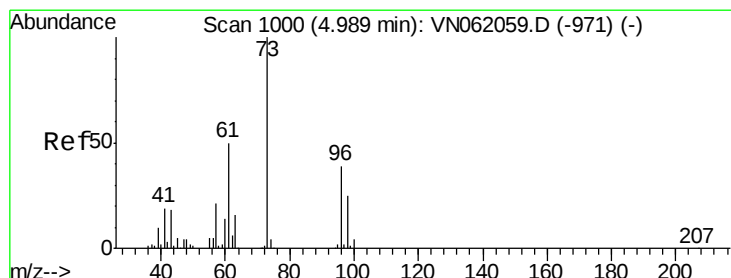
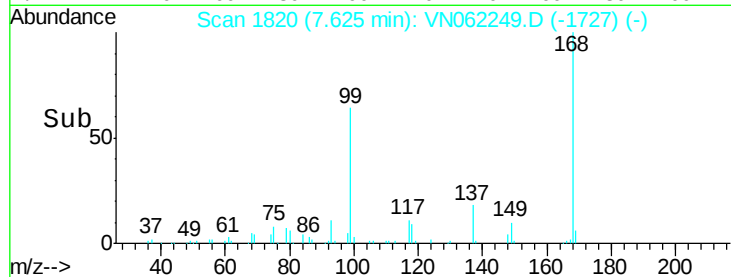
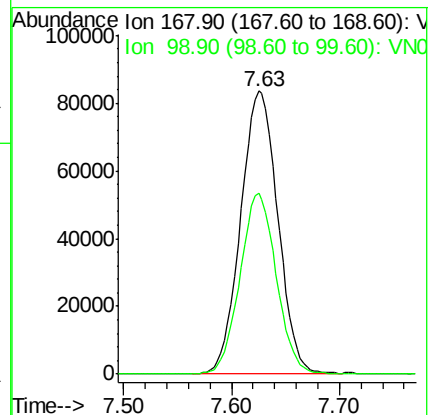
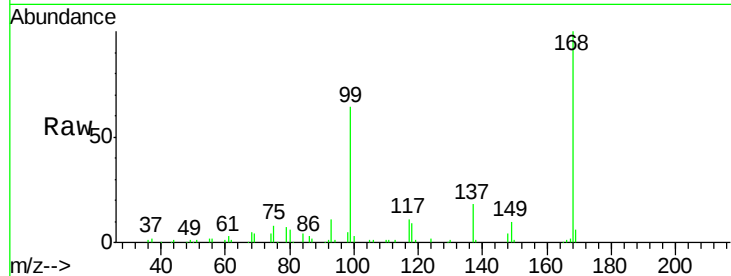
168 100

99 64.1 45.8 68.8

Manual Integrations
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#19

Methyl tert-butyl Ether

Concen: 87.543 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN062249.D

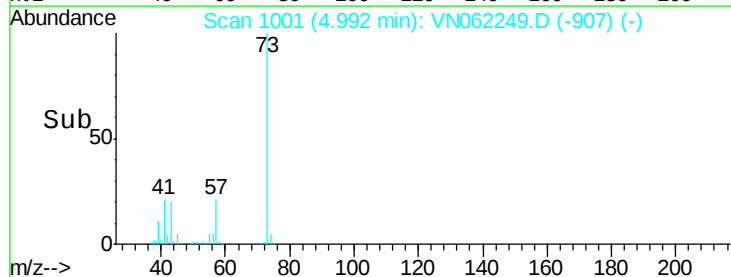
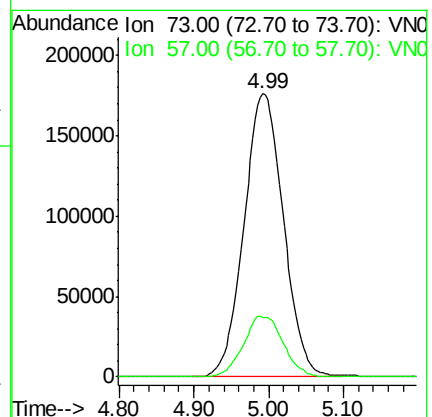
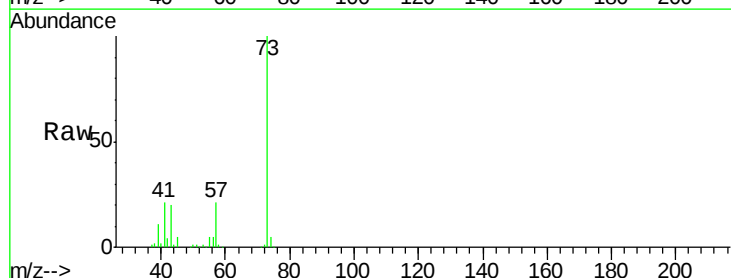
Acq: 30 Jun 2020 19:03

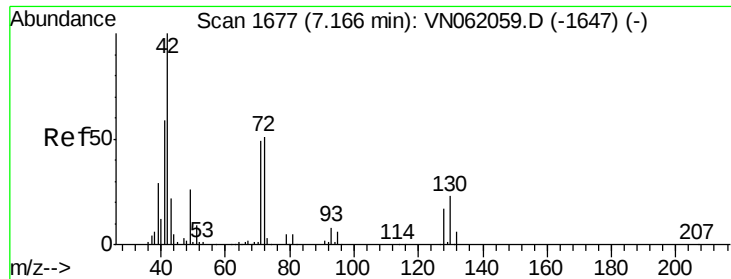
Tgt Ion: 73 Resp: 644843

Ion Ratio Lower Upper

73 100

57 21.1 16.6 24.8





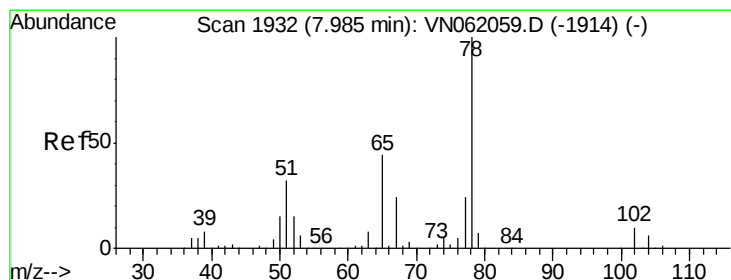
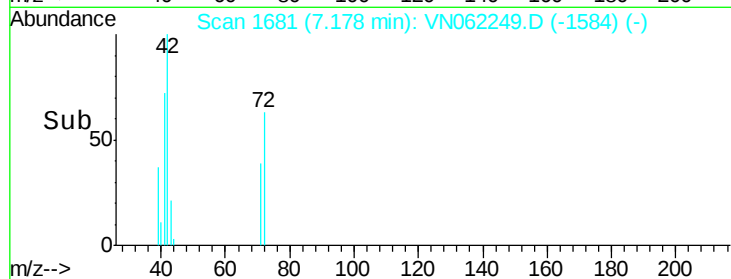
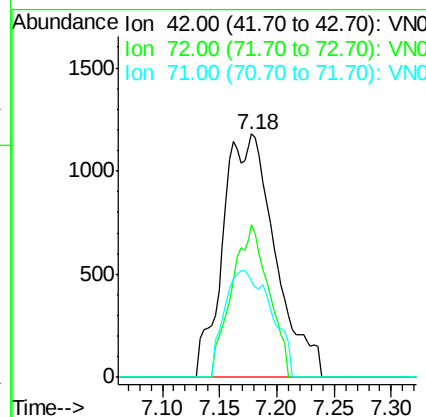
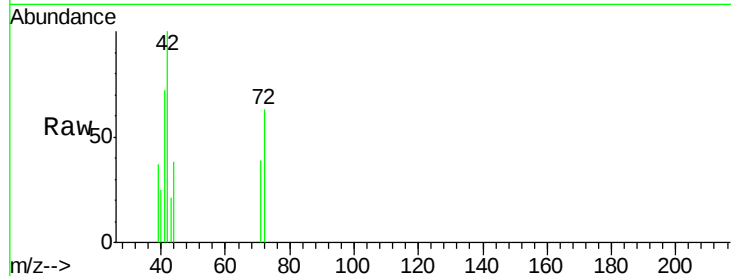
#29
Tetrahydrofuran
Concen: 4.135 ug/l m
RT: 7.18 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VN062249.D
Acq: 30 Jun 2020 19:03

Instrument :
MSVOA_N
ClientSampled :
MW-4

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.5	41.1	61.7
71	39.4	38.2	57.4

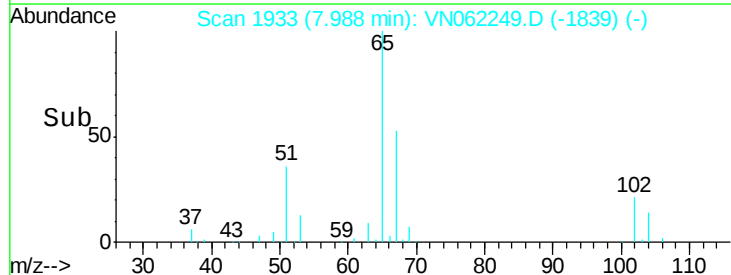
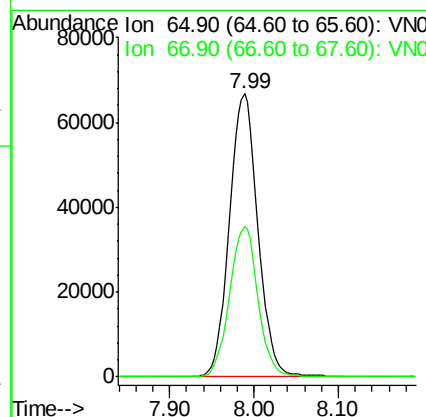
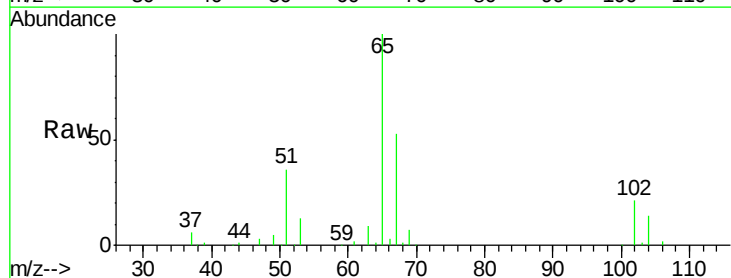
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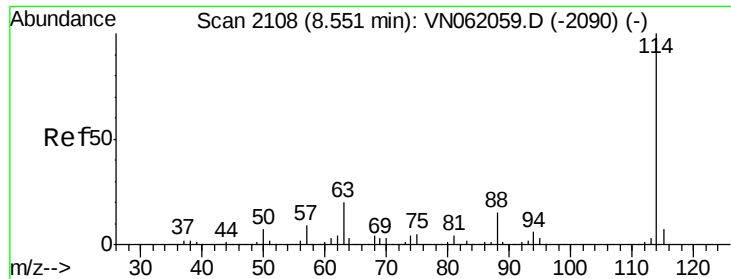
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#33
1,2-Dichloroethane-d4
Concen: 55.647 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN062249.D
Acq: 30 Jun 2020 19:03

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	106.2





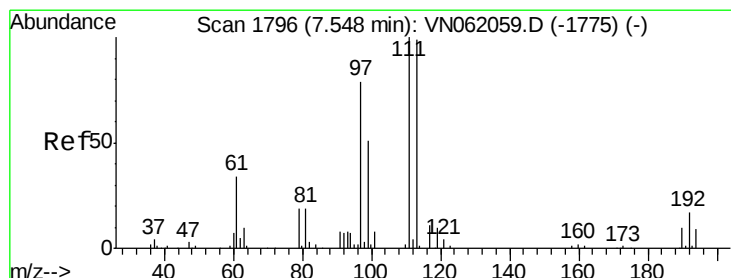
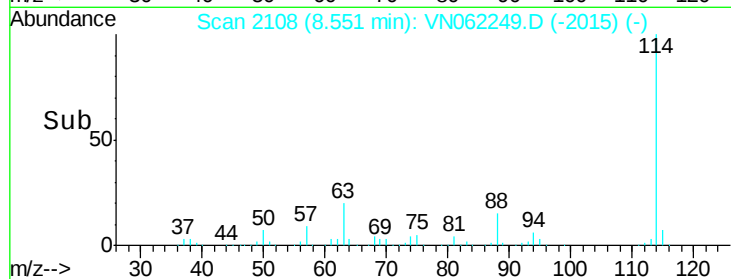
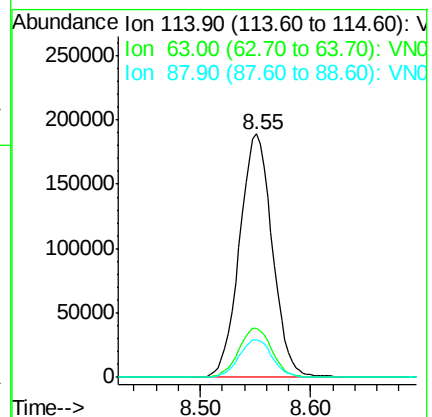
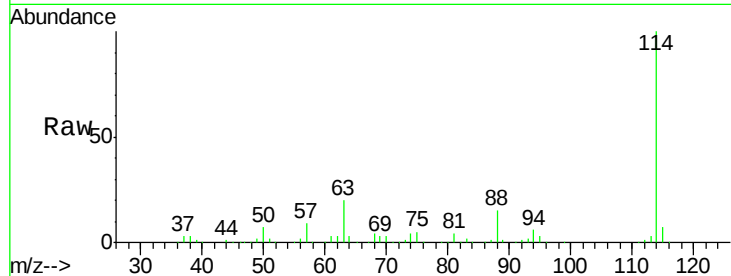
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. -0.00 min
Lab File: VN062249.D
Acq: 30 Jun 2020 19:03

Instrument :
MSVOA_N
ClientSampled :
MW-4

Tot Ion	Ratio	Resp Lower	Resp Upper
114	100		
63	20.1	0.0	39.2
88	15.4	0.0	30.8

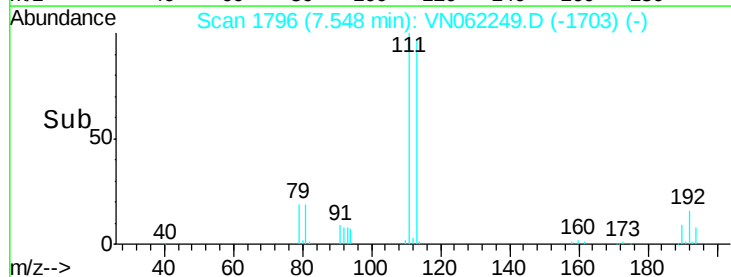
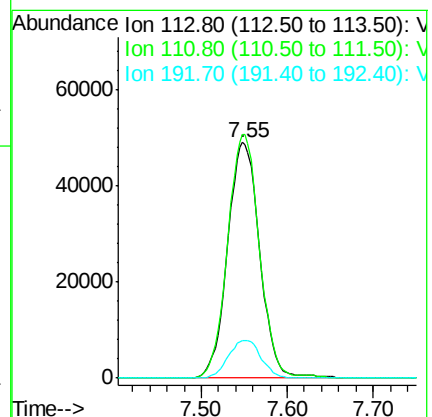
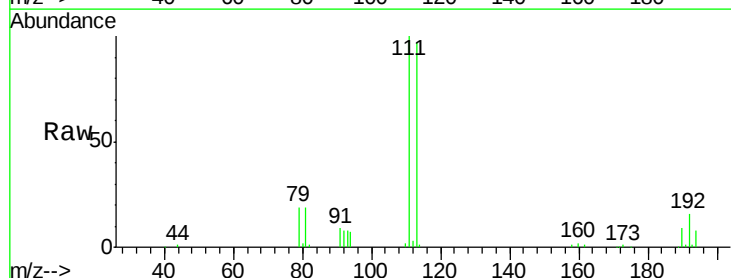
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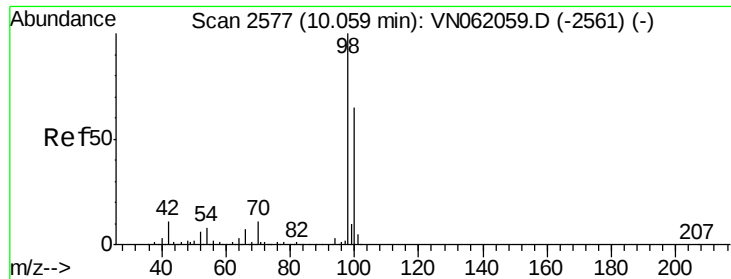
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#35
Dibromofluoromethane
Concen: 50.728 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN062249.D
Acq: 30 Jun 2020 19:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
113	100		
111	101.8	82.2	123.4
192	16.3	14.0	21.0





#50

Toluene-d8

Concen: 49.862 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062249.D

Acq: 30 Jun 2020 19:03

Instrument :

MSVOA_N

ClientSampled :

MW-4

Tot Ion: 98 Resp: 497967

Ion Ratio Lower Upper

98 100

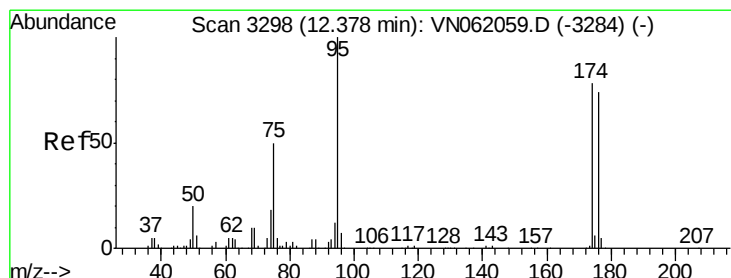
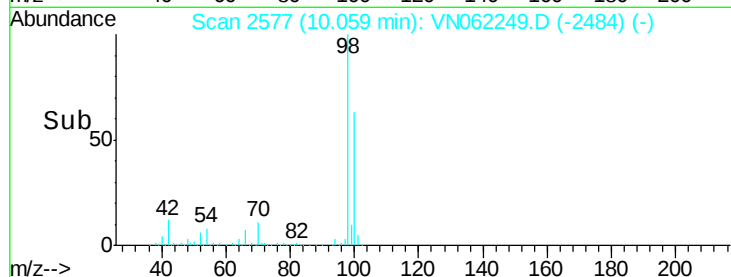
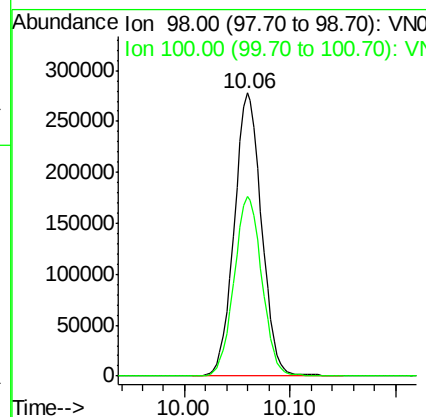
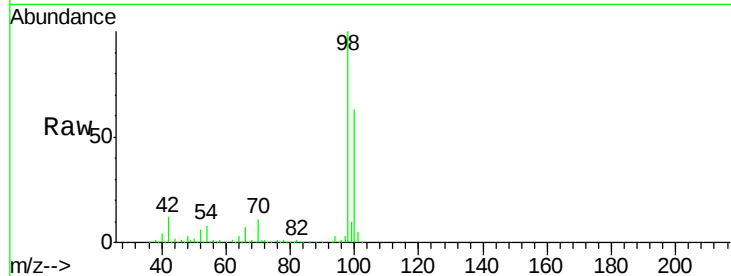
100 64.6 51.2 76.8

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#62

4-Bromofluorobenzene

Concen: 47.547 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062249.D

Acq: 30 Jun 2020 19:03

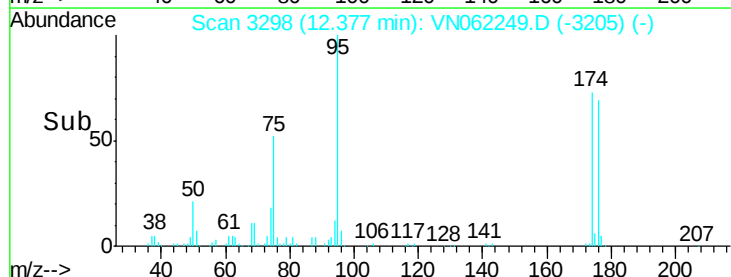
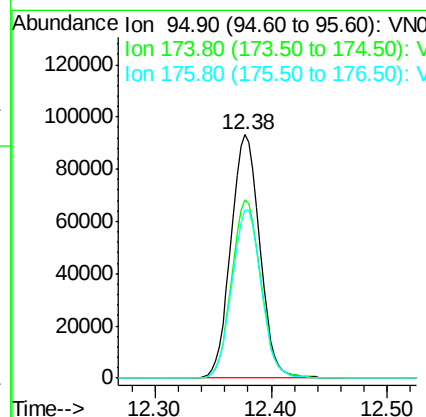
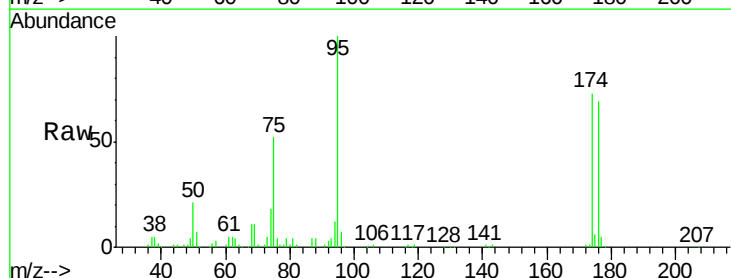
Tgt Ion: 95 Resp: 160430

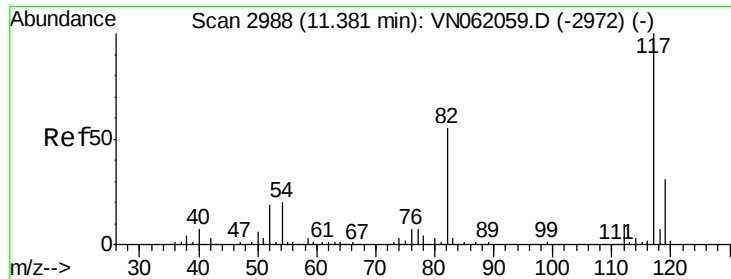
Ion Ratio Lower Upper

95 100

174 73.9 0.0 154.8

176 70.1 0.0 147.4





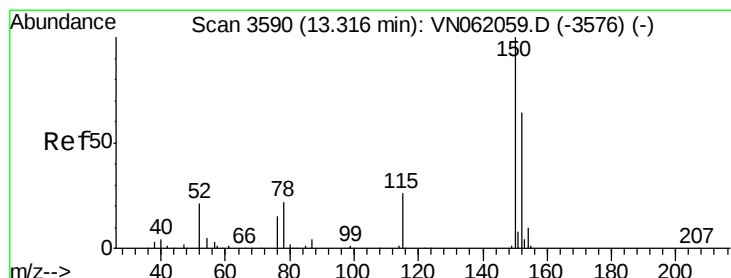
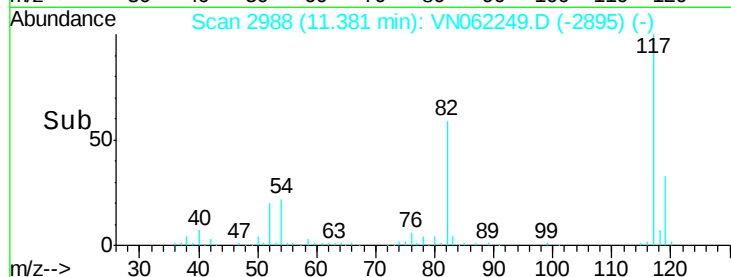
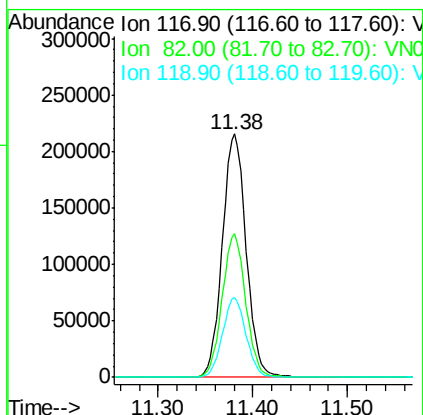
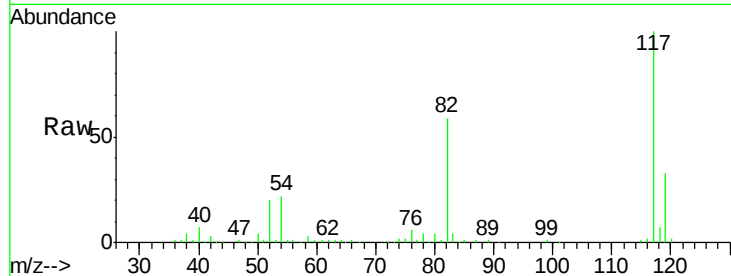
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062249.D
Acq: 30 Jun 2020 19:03

Instrument :
MSVOA_N
ClientSampled :
MW-4

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.9	43.8	65.8
119	33.0	25.2	37.8

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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062249.D
Acq: 30 Jun 2020 19:03

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.3	29.5	88.5
150	162.8	0.0	351.4

