

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100820\
 Data File : VN063993.D
 Acq On : 8 Oct 2020 16:06
 Operator : JC/MD
 Sample : L4255-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-PZ124-20200930

Manual Integrations
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Quant Time: Oct 09 13:31:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	245433	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	431581	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	447088	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	172048	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	203097	50.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.18%	
35) Dibromofluoromethane	7.55	113	153783	51.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.70%	
50) Toluene-d8	10.06	98	557269	49.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.18%	
62) 4-Bromofluorobenzene	12.38	95	208787	48.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.86%	
Target Compounds						
6) Chloroethane	2.68	64	5178	2.841	ug/l	97
12) 1,1-Dichloroethene	3.70	96	3975	1.608	ug/l #	72
16) Acetone	3.78	43	5912m	4.737	ug/l	
24) 1,1-Dichloroethane	5.79	63	56623	10.483	ug/l	99

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

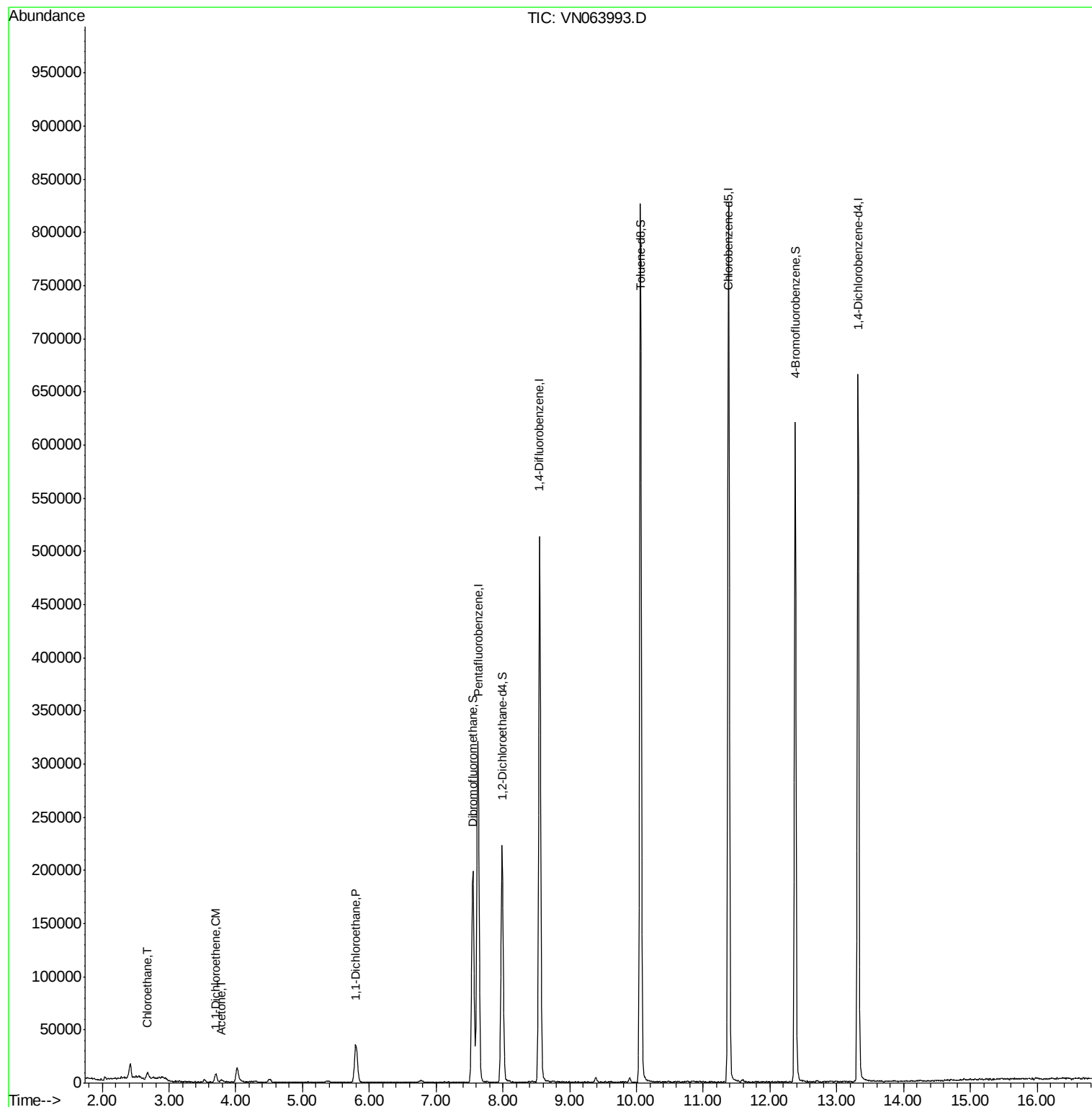
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100820\
Data File : VN063993.D
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Operator : JC/MD
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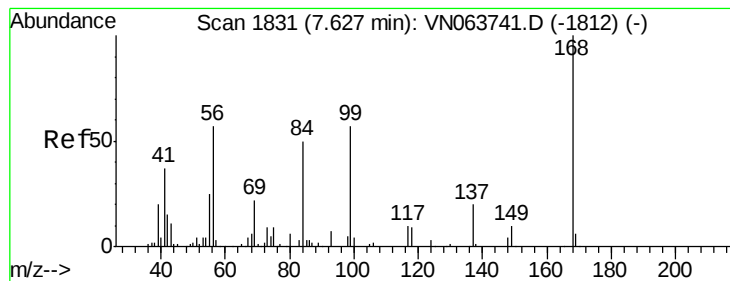
Instrument :
MSVOA_N
ClientSampleId :
SA-PZ124-20200930

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Quant Time: Oct 09 13:31:40 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063993.D

Acq: 8 Oct 2020 16:06

Instrument :

MSVOA_N

ClientSampleId :

SA-PZ124-20200930

Tot Ion:168 Resp: 245433

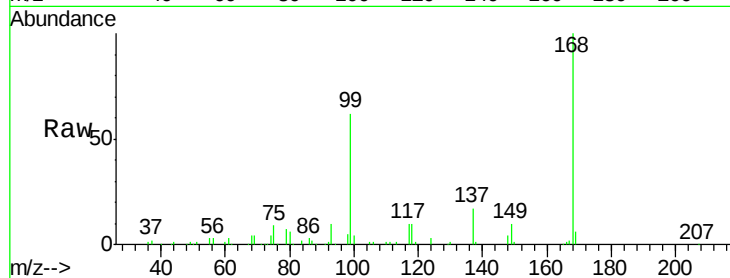
Ion Ratio Lower Upper

168 100

99 61.8 51.8 77.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

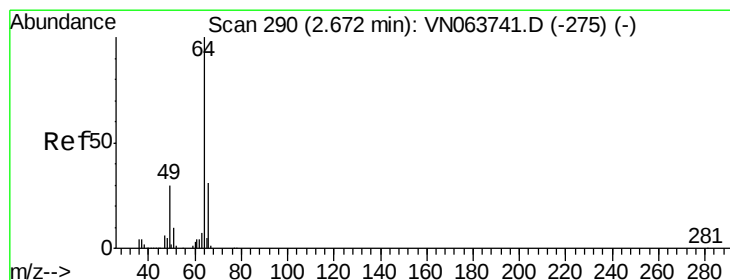
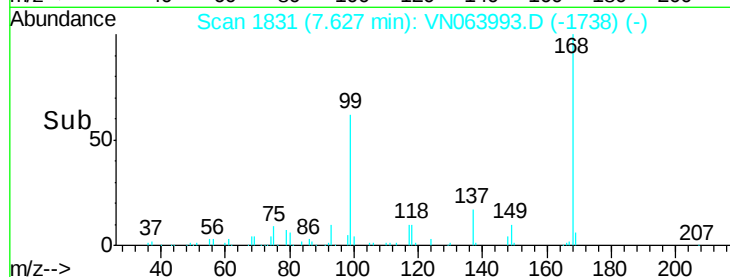
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#6

Chloroethane

Concen: 2.841 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN063993.D

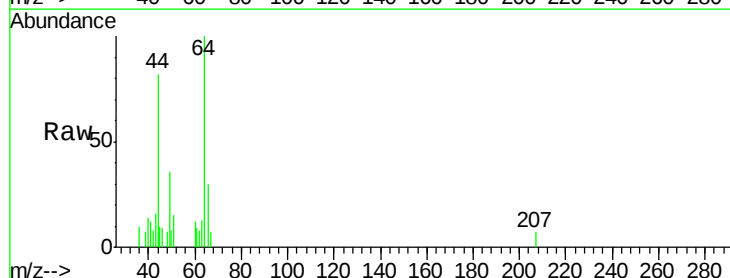
Acq: 8 Oct 2020 16:06

Tgt Ion: 64 Resp: 5178

Ion Ratio Lower Upper

64 100

66 29.7 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO

2.68

2500

2000

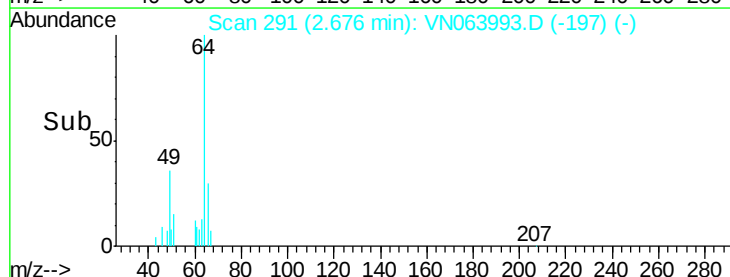
1500

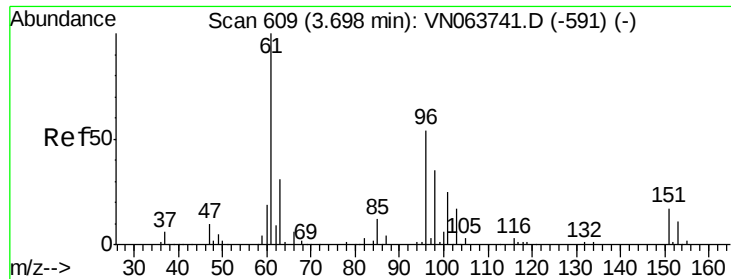
1000

500

0

Time--> 2.65 2.70 2.75





#12

1,1-Dichloroethene

Concen: 1.608 ug/l

RT: 3.70 min Scan# 609

Delta R.T. 0.00 min

Lab File: VN063993.D

Acq: 8 Oct 2020 16:06

Instrument :

MSVOA_N

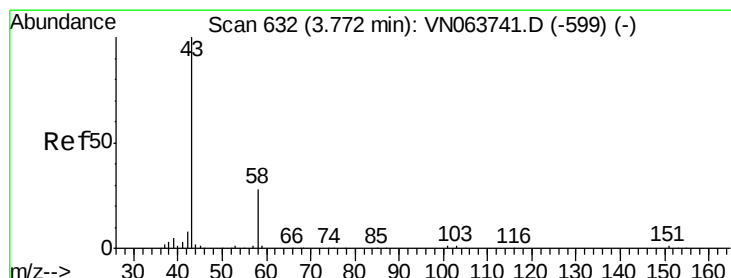
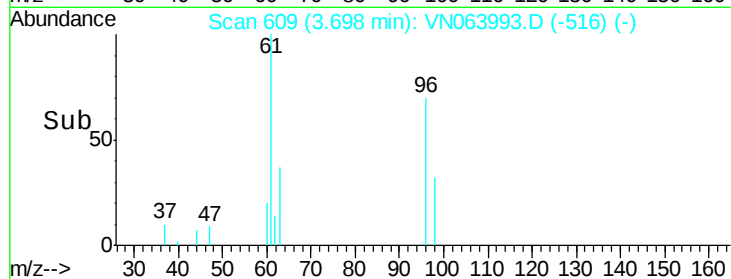
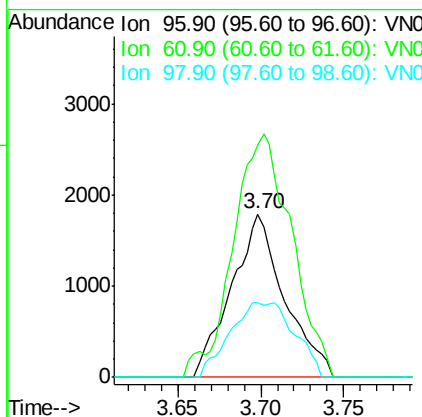
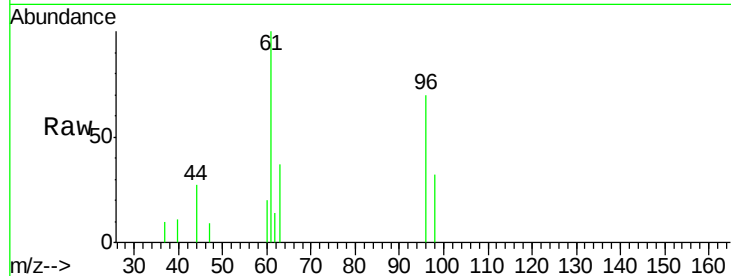
ClientSampleId :

SA-PZ124-20200930

Tot Ion:	96	Resp:	3975
Ion	Ratio	Lower	Upper
96	100		
61	142.4	147.7	221.5#
98	45.8	51.9	77.9#

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#16

Acetone

Concen: 4.737 ug/l m

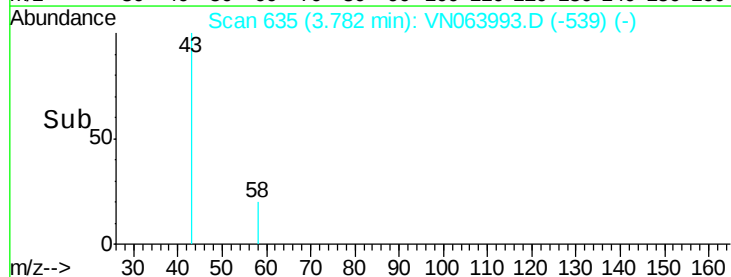
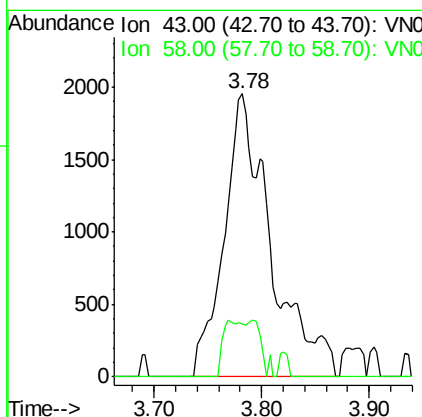
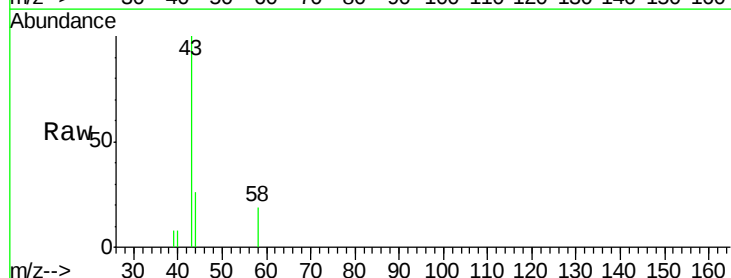
RT: 3.78 min Scan# 635

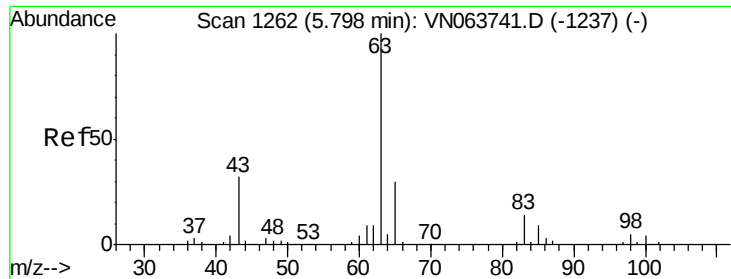
Delta R.T. 0.01 min

Lab File: VN063993.D

Acq: 8 Oct 2020 16:06

Tgt Ion:	43	Resp:	5912
Ion	Ratio	Lower	Upper
43	100		
58	18.6	22.3	33.5#





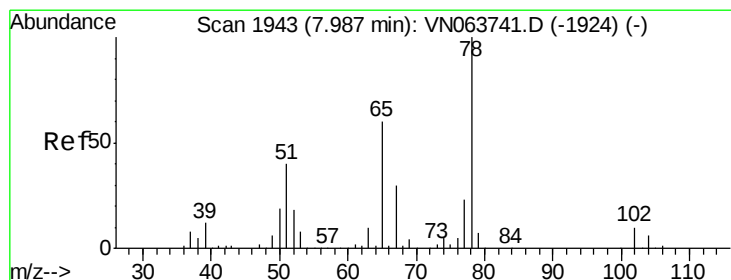
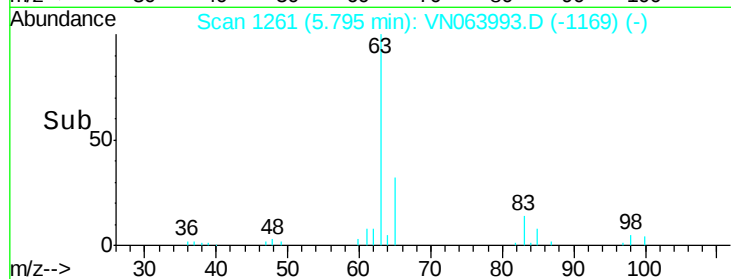
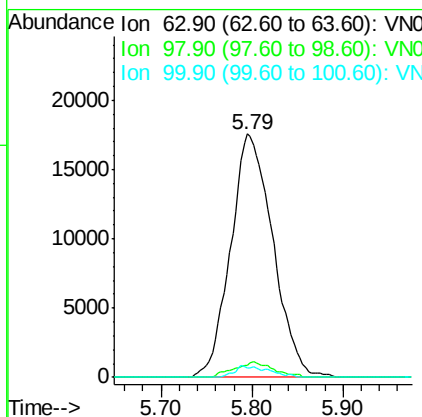
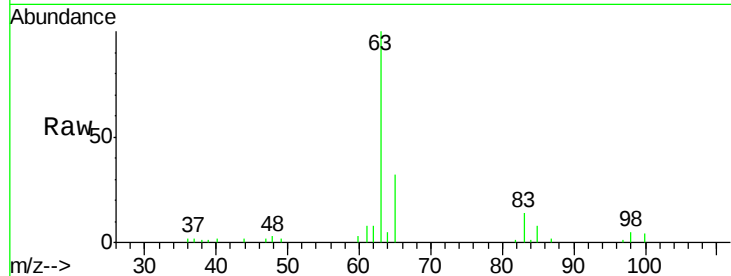
#24
 1,1-Dichloroethane
 Concen: 10.483 ug/l
 RT: 5.79 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: VN063993.D
 Acq: 8 Oct 2020 16:06

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-PZ124-20200930

Tot Ion	Ratio	Resp	Lower	Upper
63	100	56623		
98	5.1		2.7	8.1
100	3.7		1.9	5.7

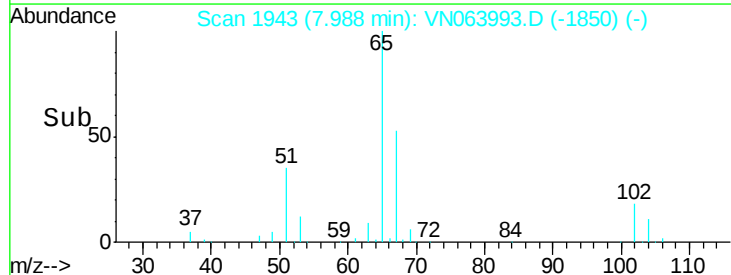
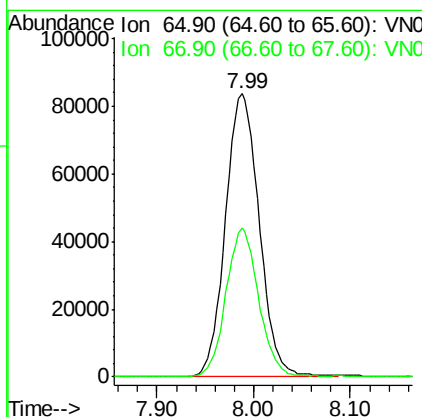
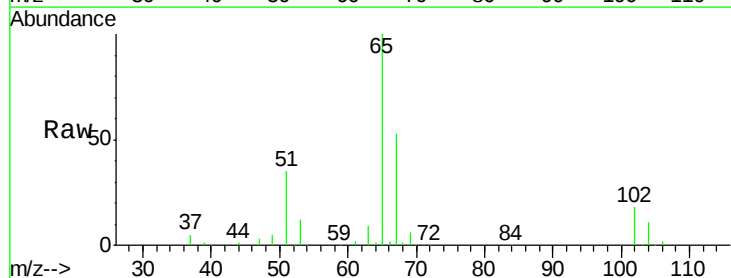
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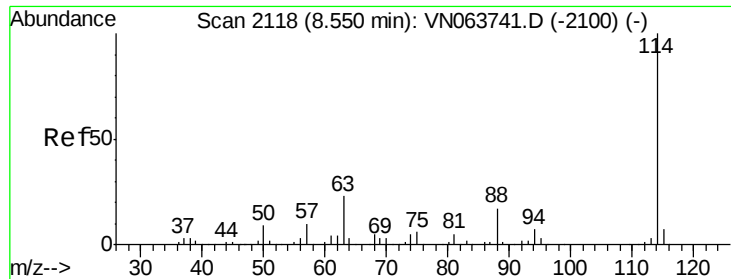
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#33
 1,2-Dichloroethane-d4
 Concen: 50.089 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063993.D
 Acq: 8 Oct 2020 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	203097		
67	50.8		0.0	99.6





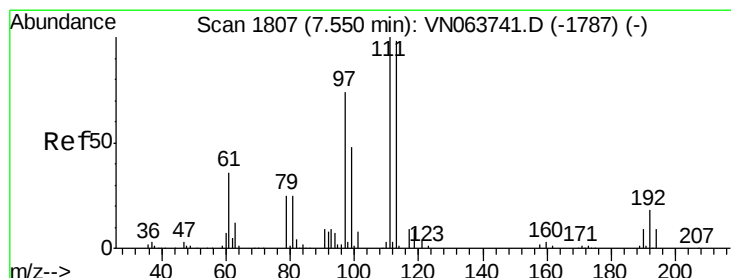
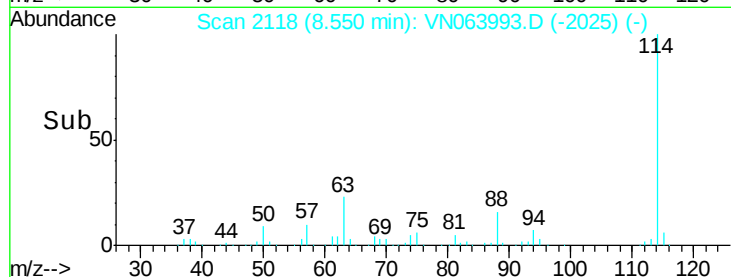
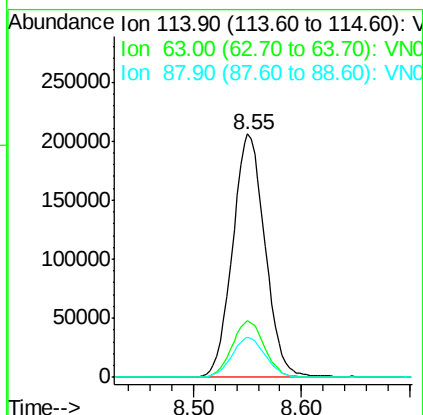
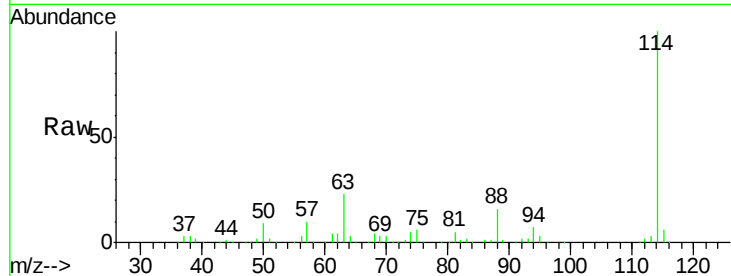
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN063993.D
Acq: 8 Oct 2020 16:06

Instrument :
MSVOA_N
ClientSampleId :
SA-PZ124-20200930

Tot Ion	Ratio	Resp	Lower	Upper
114	100	431581		
63	23.1	0.0	45.0	
88	16.4	0.0	34.0	

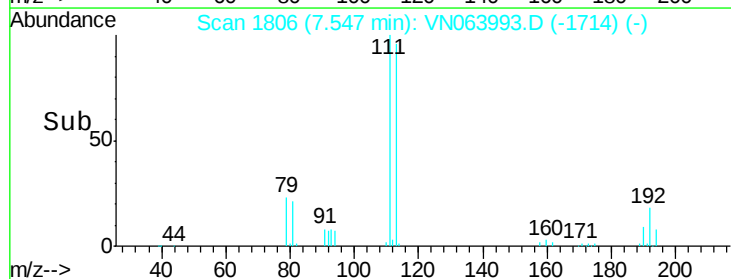
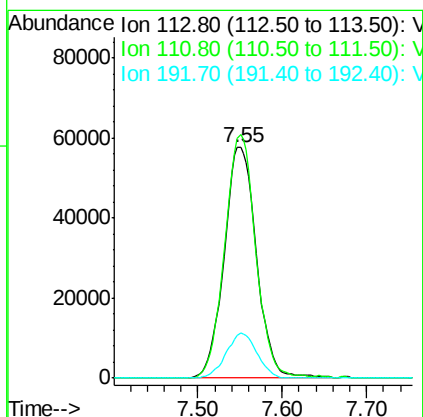
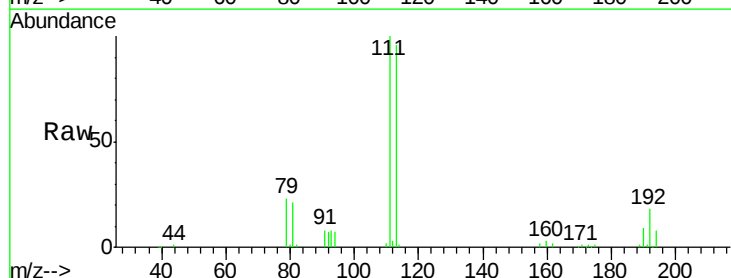
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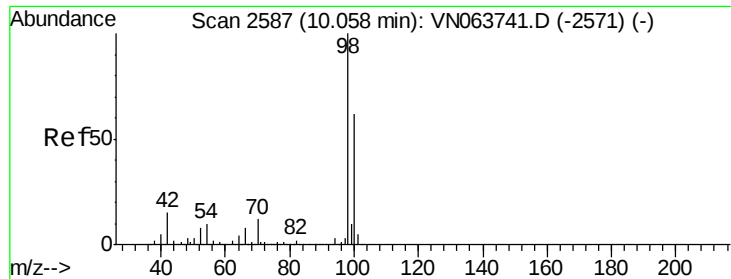
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#35
Dibromofluoromethane
Concen: 51.353 ug/l
RT: 7.55 min Scan# 1806
Delta R.T. -0.00 min
Lab File: VN063993.D
Acq: 8 Oct 2020 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	153783		
111	101.4	81.8	122.8	
192	18.6	14.2	21.2	





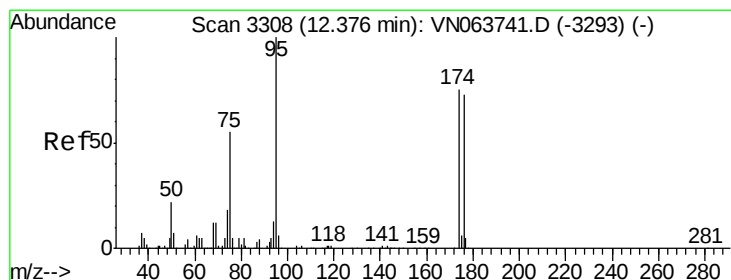
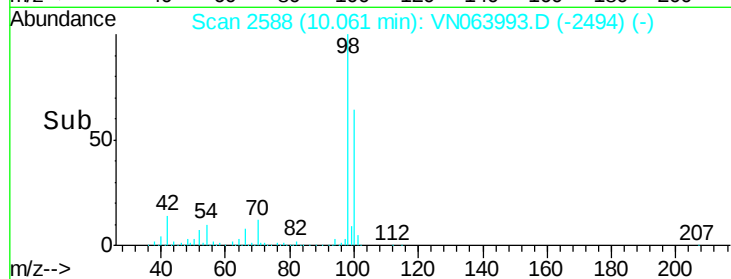
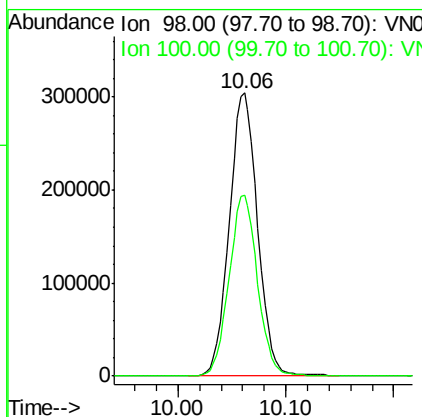
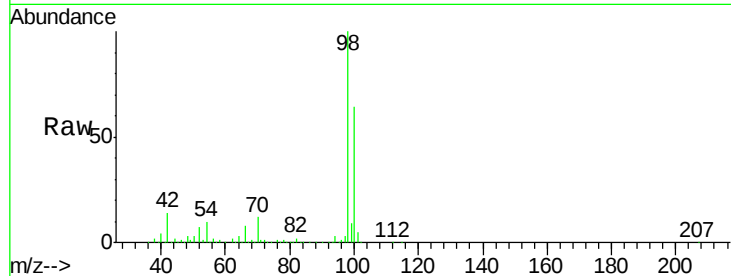
#50
Toluene-d8
Concen: 49.088 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN063993.D
Acq: 8 Oct 2020 16:06

Instrument :
MSVOA_N
ClientSampleId :
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Tot Ion: 98 Resp: 557269
Ion Ratio Lower Upper
98 100
100 64.2 49.8 74.6

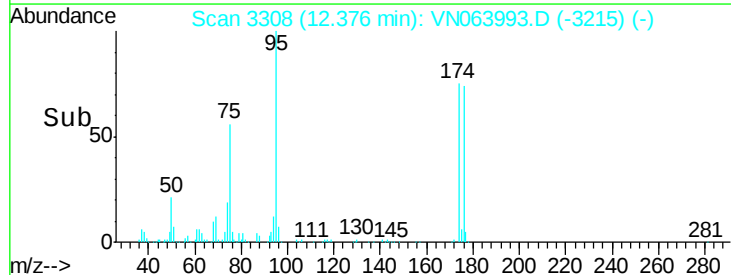
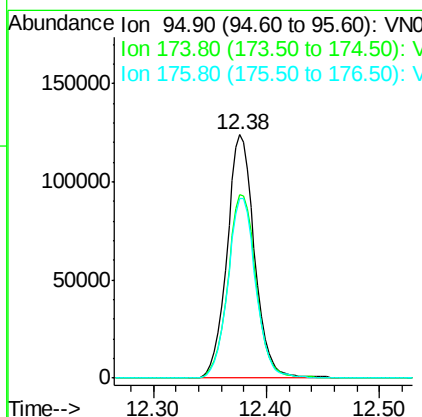
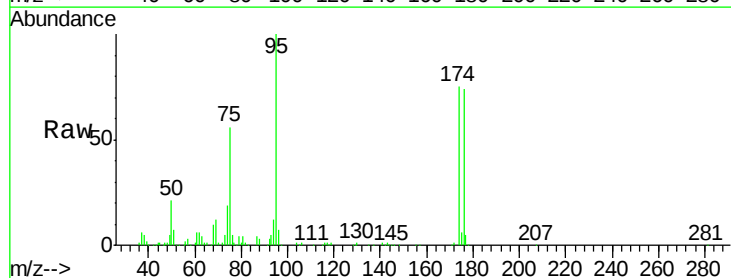
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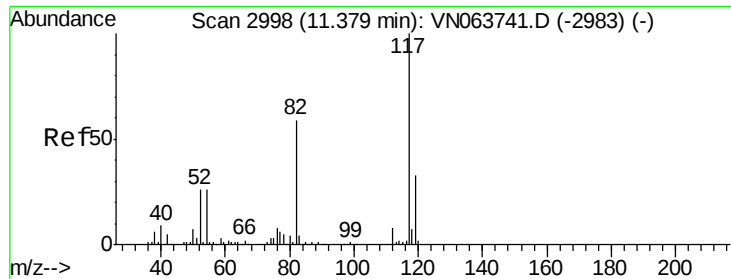
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#62
4-Bromofluorobenzene
Concen: 48.925 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN063993.D
Acq: 8 Oct 2020 16:06

Tgt Ion: 95 Resp: 208787
Ion Ratio Lower Upper
95 100
174 77.6 0.0 150.6
176 74.9 0.0 145.4





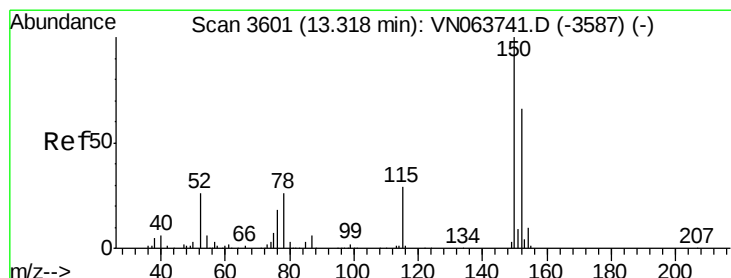
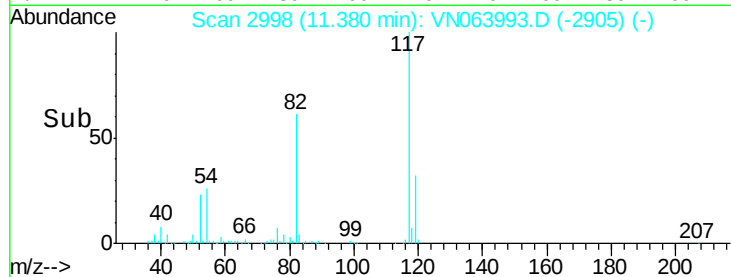
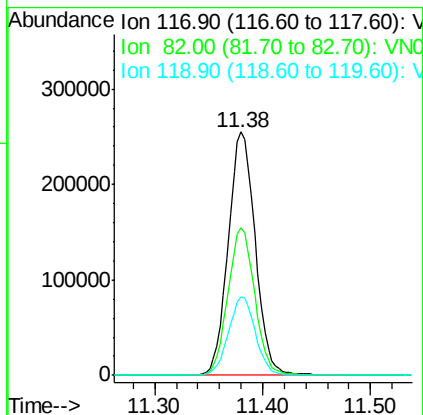
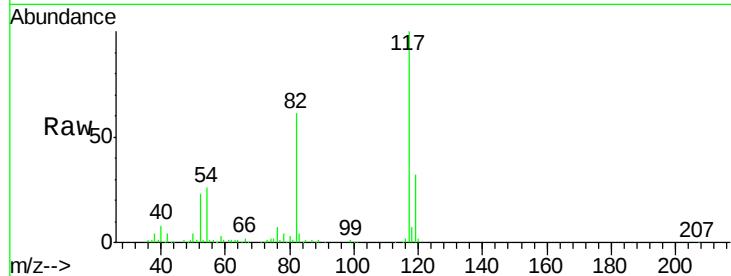
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063993.D
Acq: 8 Oct 2020 16:06

Instrument :
MSVOA_N
ClientSampleId :
SA-PZ124-20200930

Tot Ion	Ratio	Resp	Lower	Upper
117	100	447088		
82	60.6	47.4	71.2	
119	32.3	26.4	39.6	

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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063993.D
Acq: 8 Oct 2020 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	172048		
115	62.0	31.3	93.8	
150	158.5	0.0	341.8	

