

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112420\
 Data File : VN064838.D
 Acq On : 25 Nov 2020 3:06
 Operator : JC/MD
 Sample : L4798-12 50X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BRP2-20201118

Manual Integrations
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 11/25/2020 9:51:31 AM

Quant Time: Nov 25 15:37:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	165644	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	287332	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	299234	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	132477	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	101737	52.83	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	105.66%		
35) Dibromofluoromethane	7.55	113	91830	53.41	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	106.82%		
50) Toluene-d8	10.06	98	360322	51.29	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.58%		
62) 4-Bromofluorobenzene	12.38	95	136802	54.41	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	108.82%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	1841	1.282	ug/l	80
4) Vinyl Chloride	2.17	62	66792	34.341	ug/l	97
21) trans-1,2-Dichloroethene	4.98	96	1091m	0.612	ug/l	
27) cis-1,2-Dichloroethene	6.78	96	317992	158.428	ug/l	89
44) Trichloroethene	8.80	130	82664	34.329	ug/l	98

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

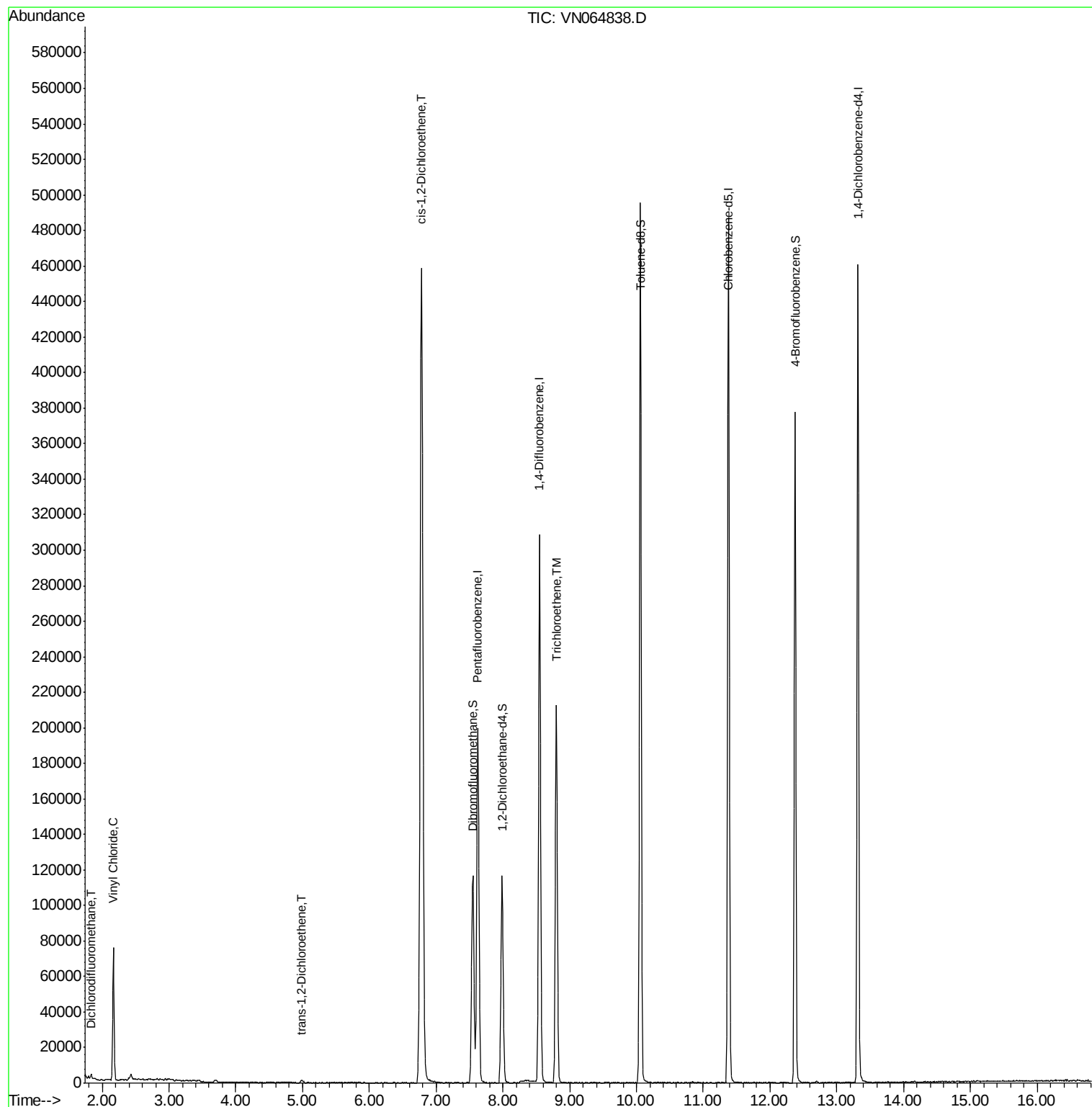
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN112420\
Data File : VN064838.D
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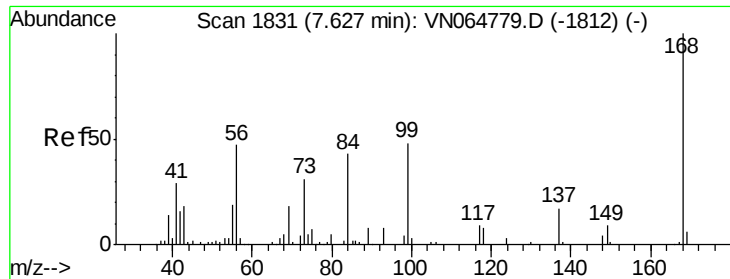
Instrument :
MSVOA_N
ClientSampleId :
BRP2-20201118

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Quant Time: Nov 25 15:37:23 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064838.D

Acq: 25 Nov 2020 3:06

Instrument :

MSVOA_N

ClientSampleId :

BRP2-20201118

Tot Ion:168 Resp: 165644

Ion Ratio Lower Upper

168 100

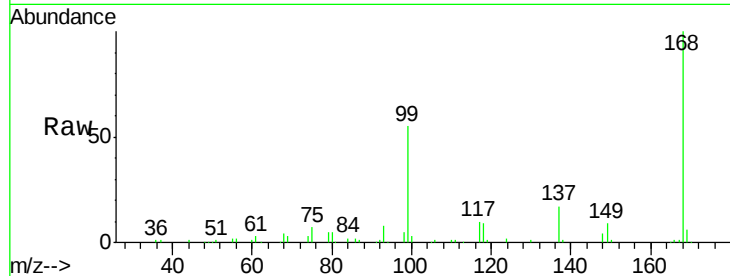
99 55.1 43.0 64.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

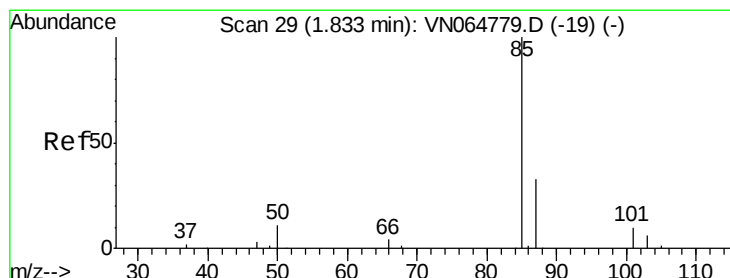
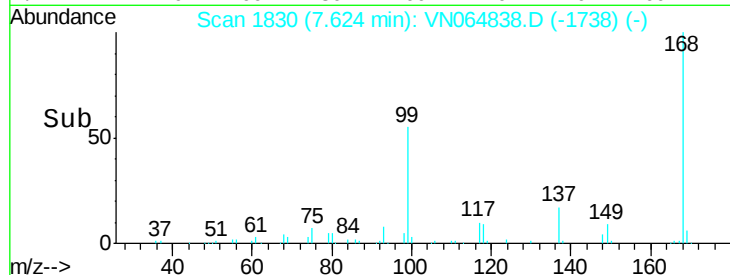
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 1.282 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064838.D

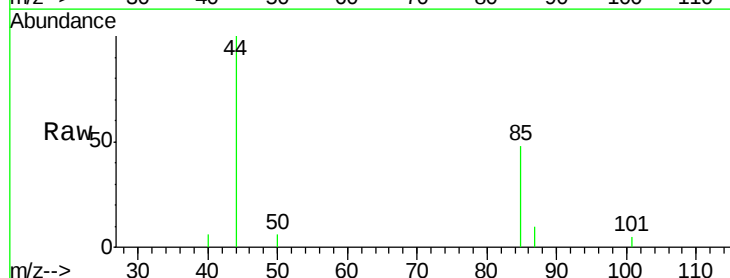
Acq: 25 Nov 2020 3:06

Tgt Ion: 85 Resp: 1841

Ion Ratio Lower Upper

85 100

87 21.6 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

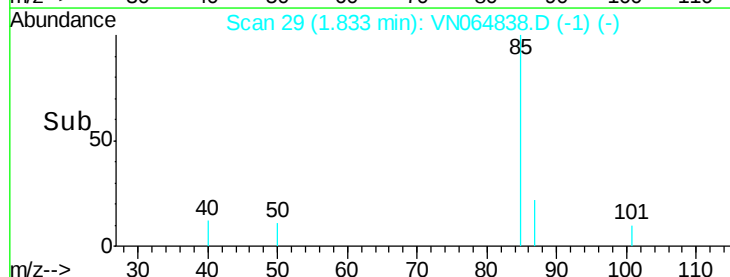
1500

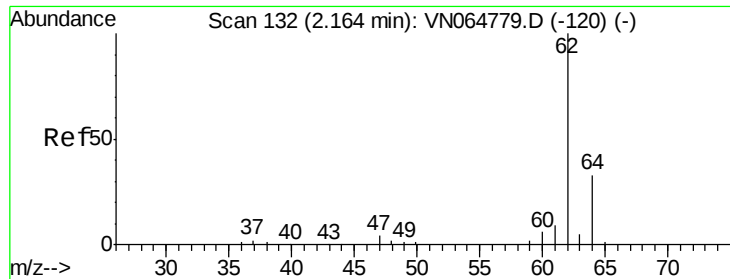
1000

500

0

Time--> 1.80 1.82 1.84 1.86





#4

Vinyl Chloride

Concen: 34.341 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN064838.D

Acq: 25 Nov 2020 3:06

Instrument :

MSVOA_N

ClientSampleId :

BRP2-20201118

Tot Ion: 62 Resp: 66792

Ion Ratio Lower Upper

62 100

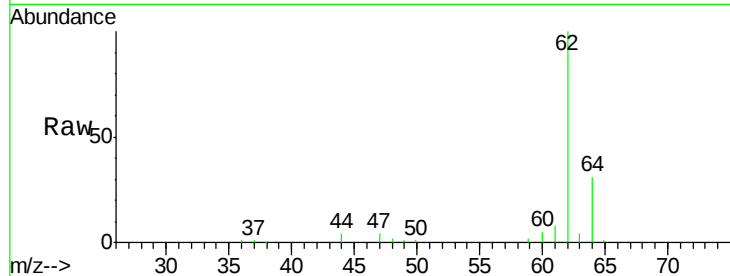
64 31.3 26.5 39.7

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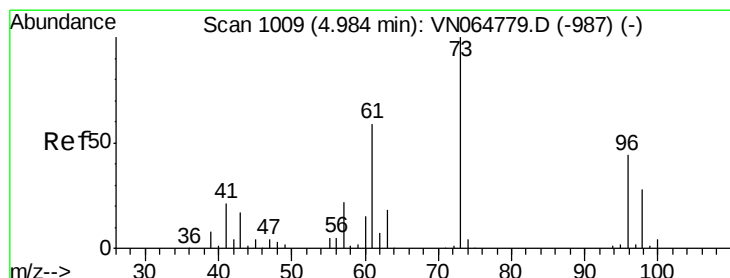
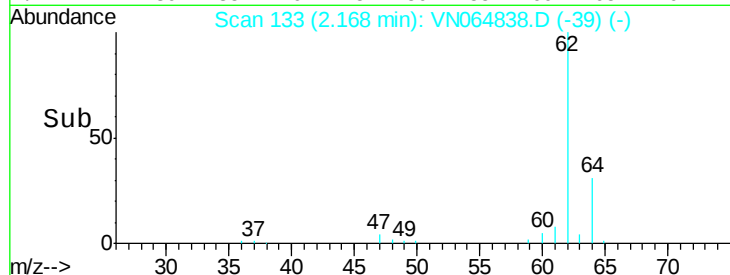
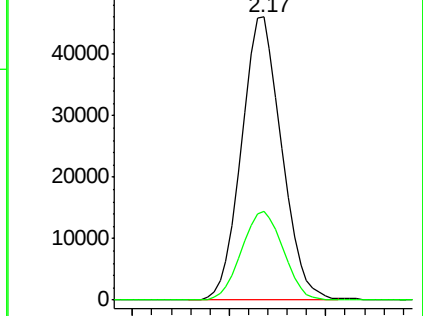
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Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0



#21

trans-1,2-Dichloroethene

Concen: 0.612 ug/l m

RT: 4.98 min Scan# 1007

Delta R.T. -0.01 min

Lab File: VN064838.D

Acq: 25 Nov 2020 3:06

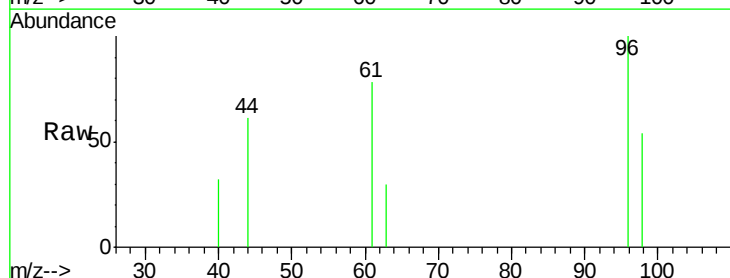
Tgt Ion: 96 Resp: 1091

Ion Ratio Lower Upper

96 100

61 77.8 108.4 162.6#

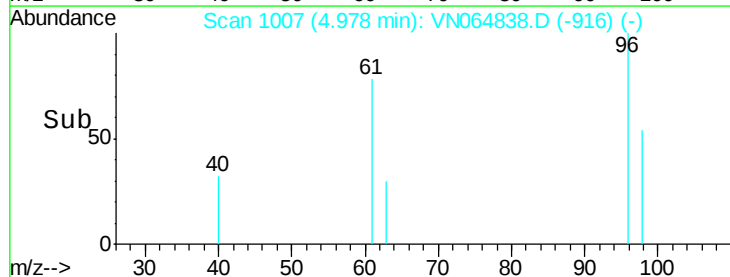
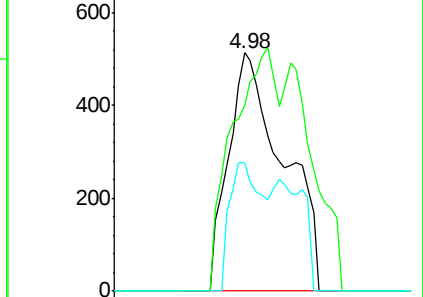
98 53.7 51.3 76.9

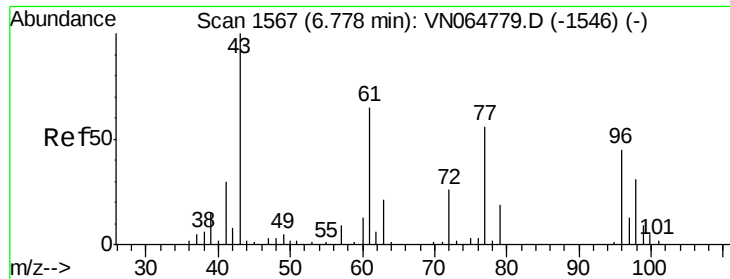


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 158.428 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064838.D

Acq: 25 Nov 2020 3:06

Instrument :

MSVOA_N

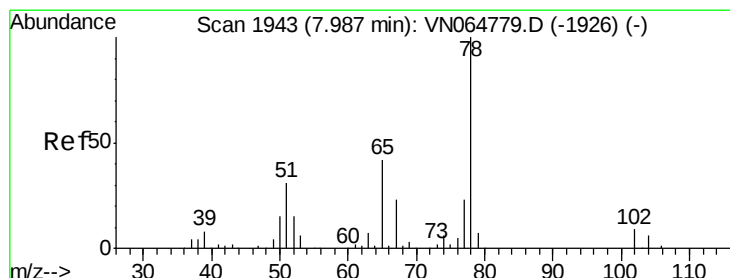
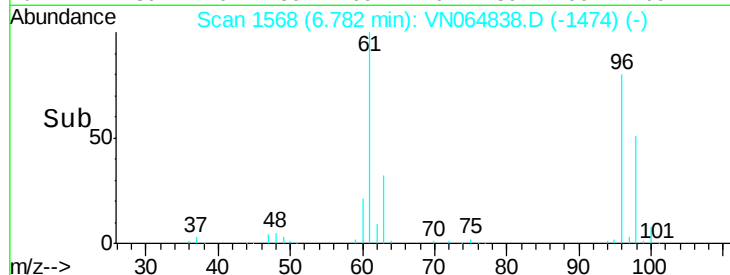
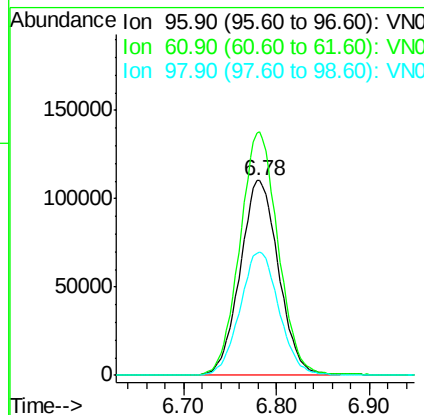
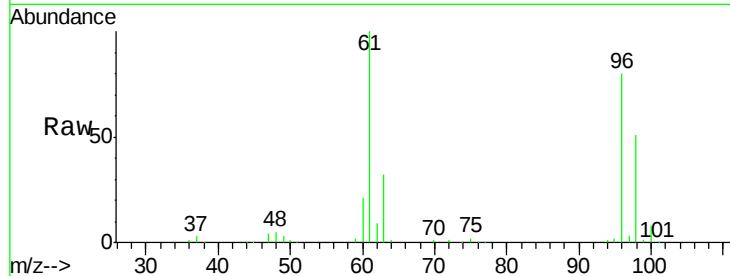
ClientSampleId :

BRP2-20201118

Tot Ion:	96	Resp:	317992
Ion	Ratio	Lower	Upper
96	100		
61	124.4	0.0	285.8
98	64.2	0.0	130.6

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#33

1,2-Dichloroethane-d4

Concen: 52.831 ug/l

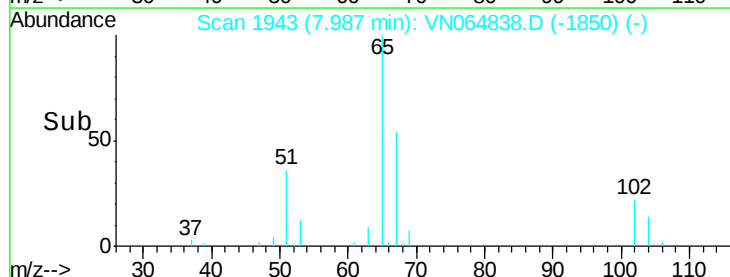
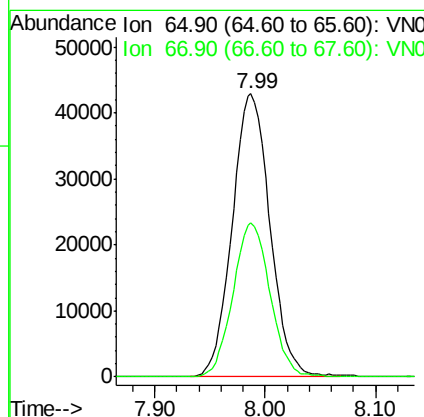
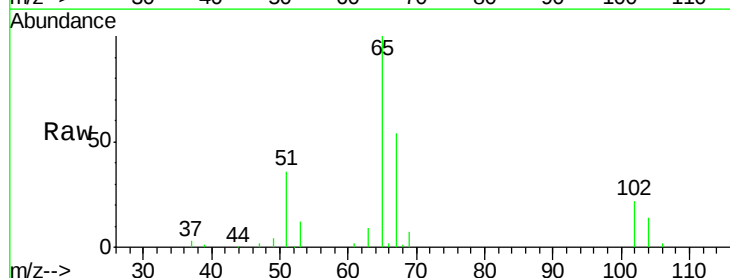
RT: 7.99 min Scan# 1943

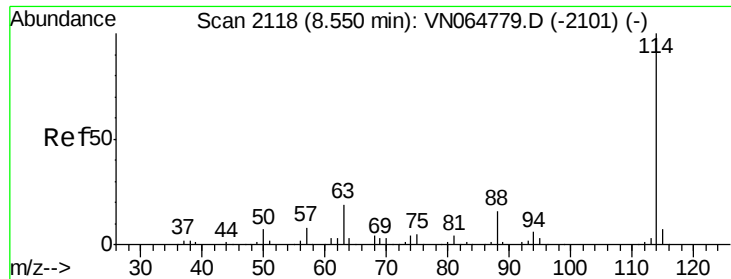
Delta R.T. 0.00 min

Lab File: VN064838.D

Acq: 25 Nov 2020 3:06

Tgt Ion:	65	Resp:	101737
Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	108.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064838.D

Acq: 25 Nov 2020 3:06

Instrument :

MSVOA_N

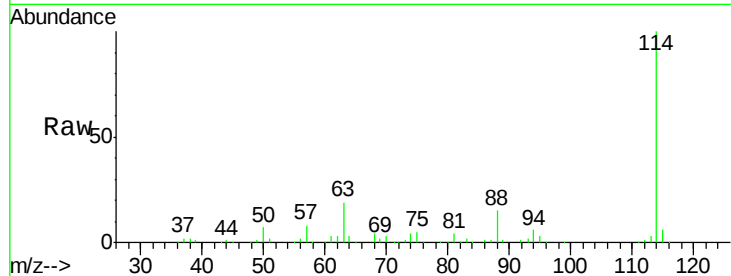
ClientSampleId :

BRP2-20201118

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	18.8	0.0	38.6
88	15.4	0.0	32.6

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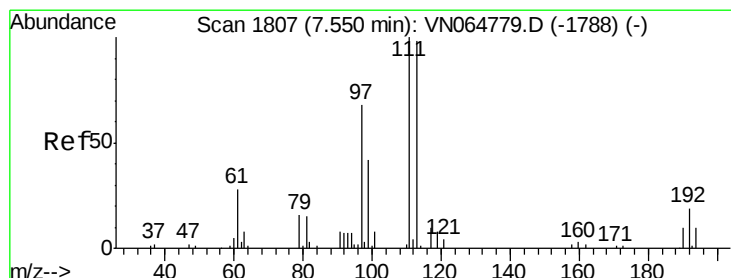
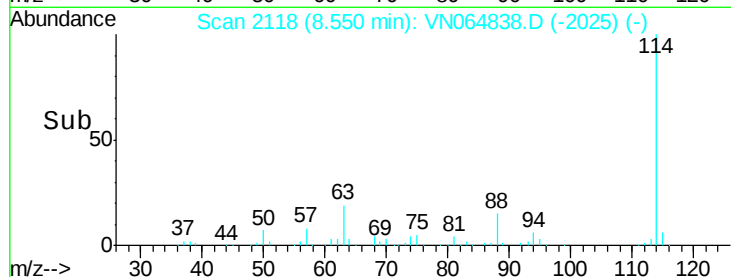
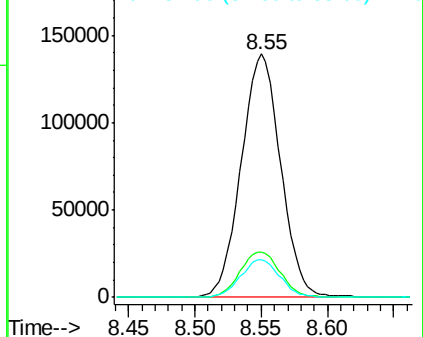
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Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 53.411 ug/l

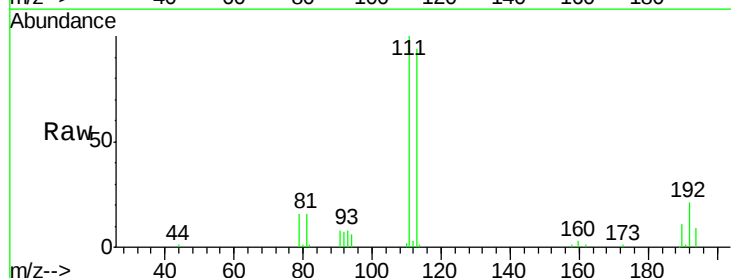
RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN064838.D

Acq: 25 Nov 2020 3:06

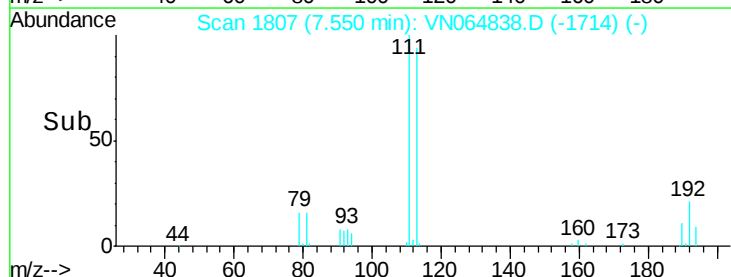
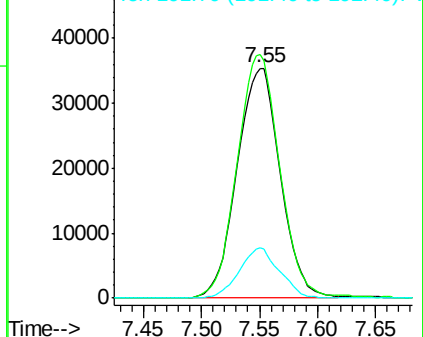
Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	104.0	81.6	122.4
192	20.1	16.2	24.2

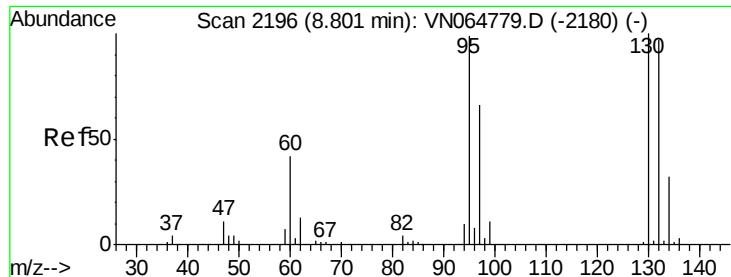


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





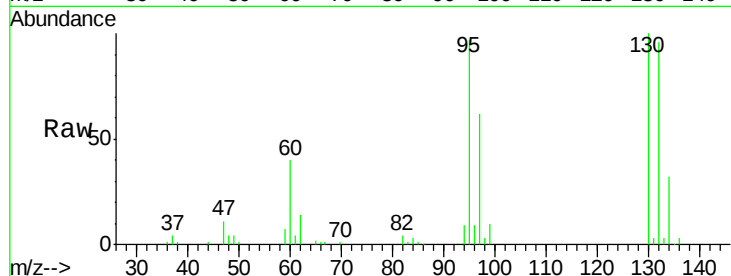
#44
 Trichloroethene
 Concen: 34.329 ug/l
 RT: 8.80 min Scan# 2195
 Delta R.T. -0.00 min
 Lab File: VN064838.D
 Acq: 25 Nov 2020 3:06

Instrument :
 MSVOA_N
 ClientSampleId :
 BRP2-20201118

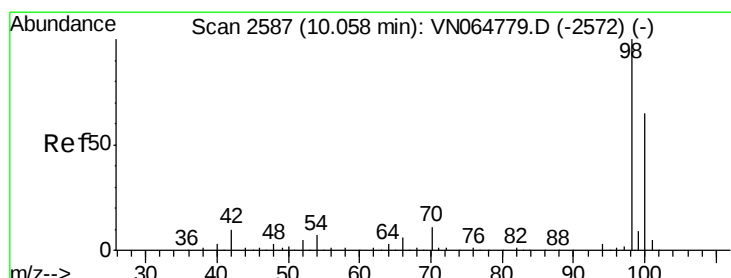
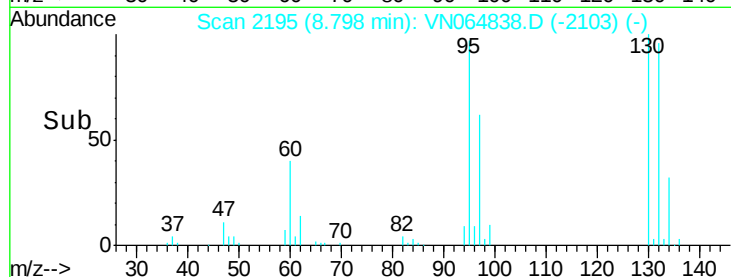
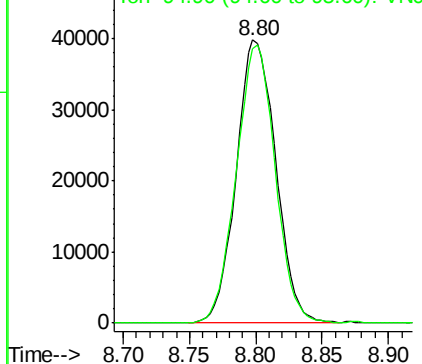
Tot Ion:130 Resp: 82664
 Ion Ratio Lower Upper
 130 100
 95 97.0 0.0 197.8

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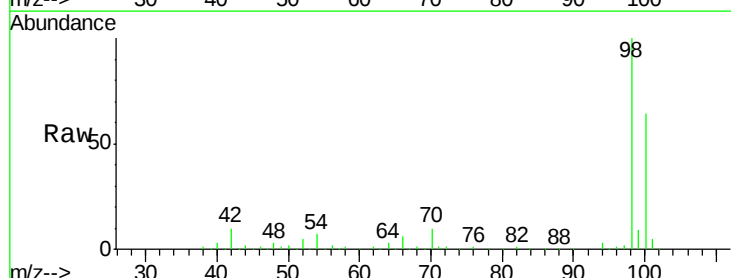


Abundance Ion 129.80 (129.50 to 130.50): V

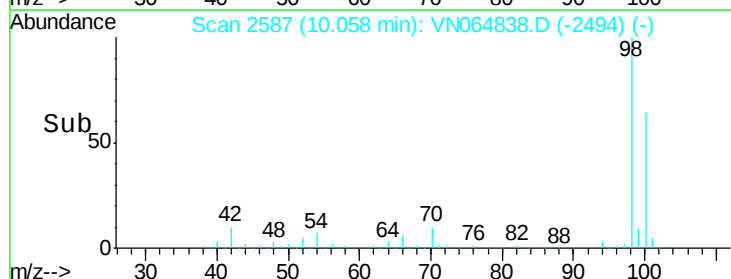
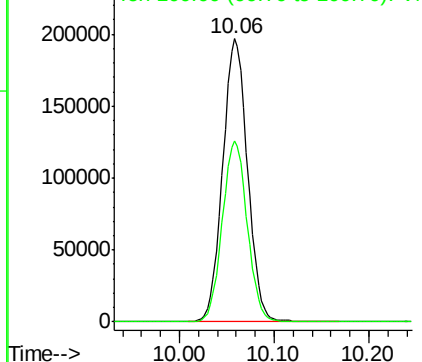


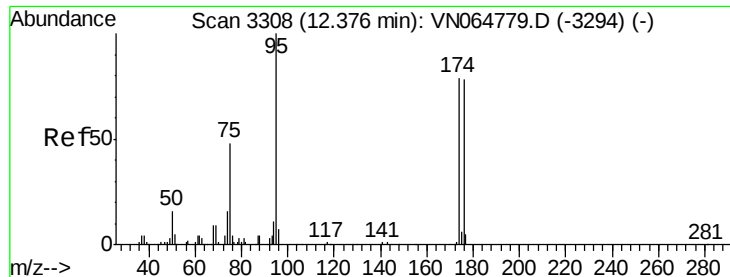
#50
 Toluene-d8
 Concen: 51.292 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN064838.D
 Acq: 25 Nov 2020 3:06

Tgt Ion: 98 Resp: 360322
 Ion Ratio Lower Upper
 98 100
 100 64.0 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN





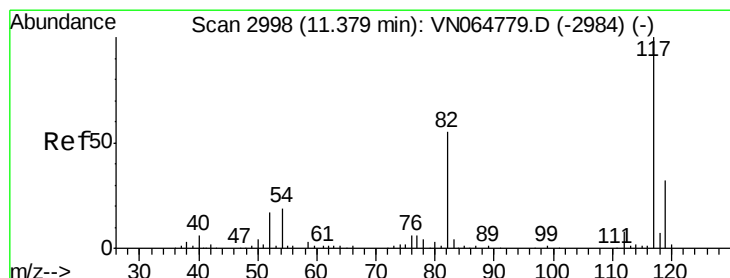
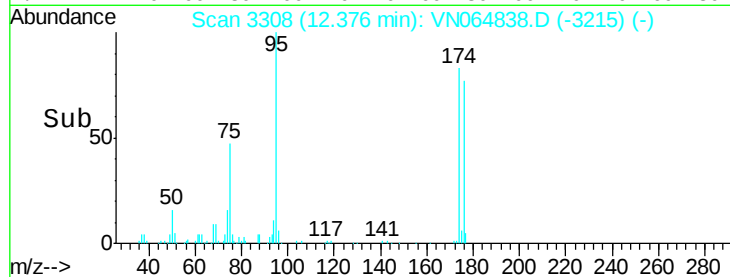
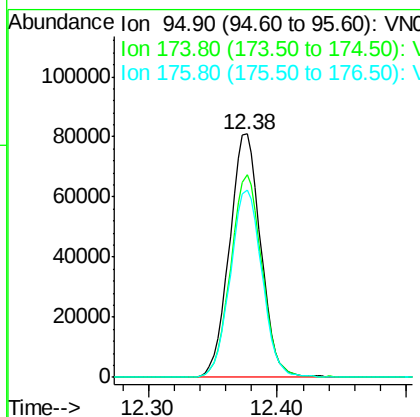
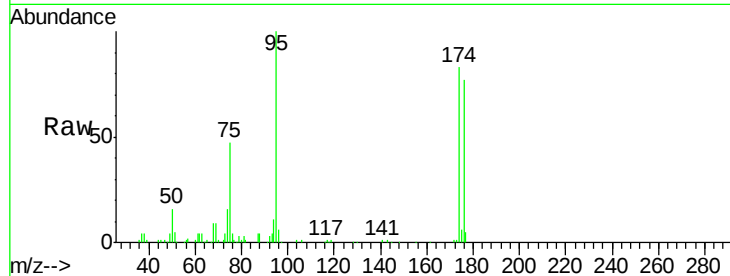
#62
4-Bromofluorobenzene
Concen: 54.414 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064838.D
Acq: 25 Nov 2020 3:06

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Tot Ion	Ratio	Resp	Lower	Upper
95	100	136802		
174	82.8	0.0	160.4	
176	77.9	0.0	158.4	

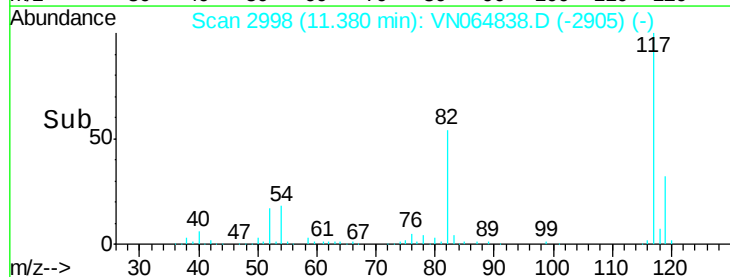
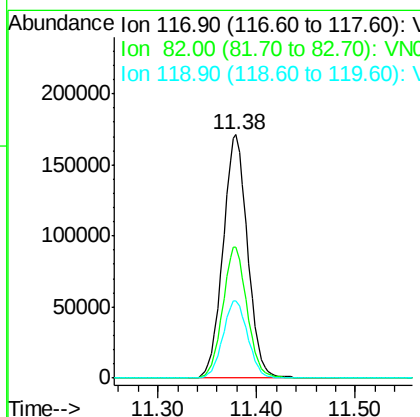
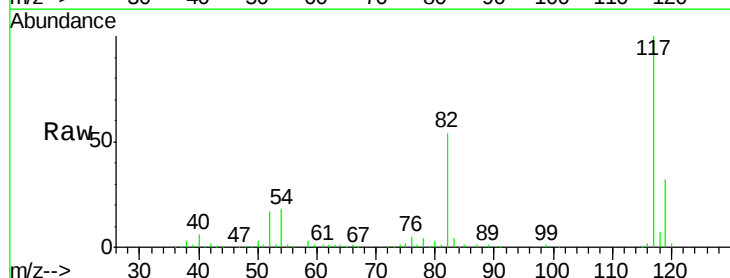
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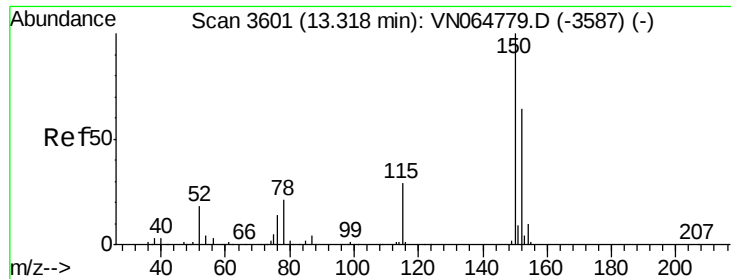
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064838.D
Acq: 25 Nov 2020 3:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	299234		
82	53.6	44.2	66.2	
119	31.9	25.8	38.6	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064838.D

Acq: 25 Nov 2020 3:06

Instrument :

MSVOA_N

ClientSampleId :

BRP2-20201118

Tot Ion:	152	Resp:	132477
Ion Ratio	Lower	Upper	
152	100		
115	58.5	29.7	89.1
150	156.2	0.0	350.6

Manual Integrations
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11/25/2020 9:51:31 AM

