

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112520\
 Data File : VN064850.D
 Acq On : 25 Nov 2020 12:17
 Operator : JC/MD
 Sample : L4798-12DL 100X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BRP2-20201118DL

Quant Time: Nov 26 04:06:01 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	7.63	168	159039	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	275793	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	287008	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	127445	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		7.99	65	97809	52.90	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	105.80%	
35) Dibromofluoromethane		7.55	113	89579	54.28	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	108.56%	
50) Toluene-d8		10.06	98	351572	52.14	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.28%	
62) 4-Bromofluorobenzene		12.38	95	133758	55.43	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	110.86%	

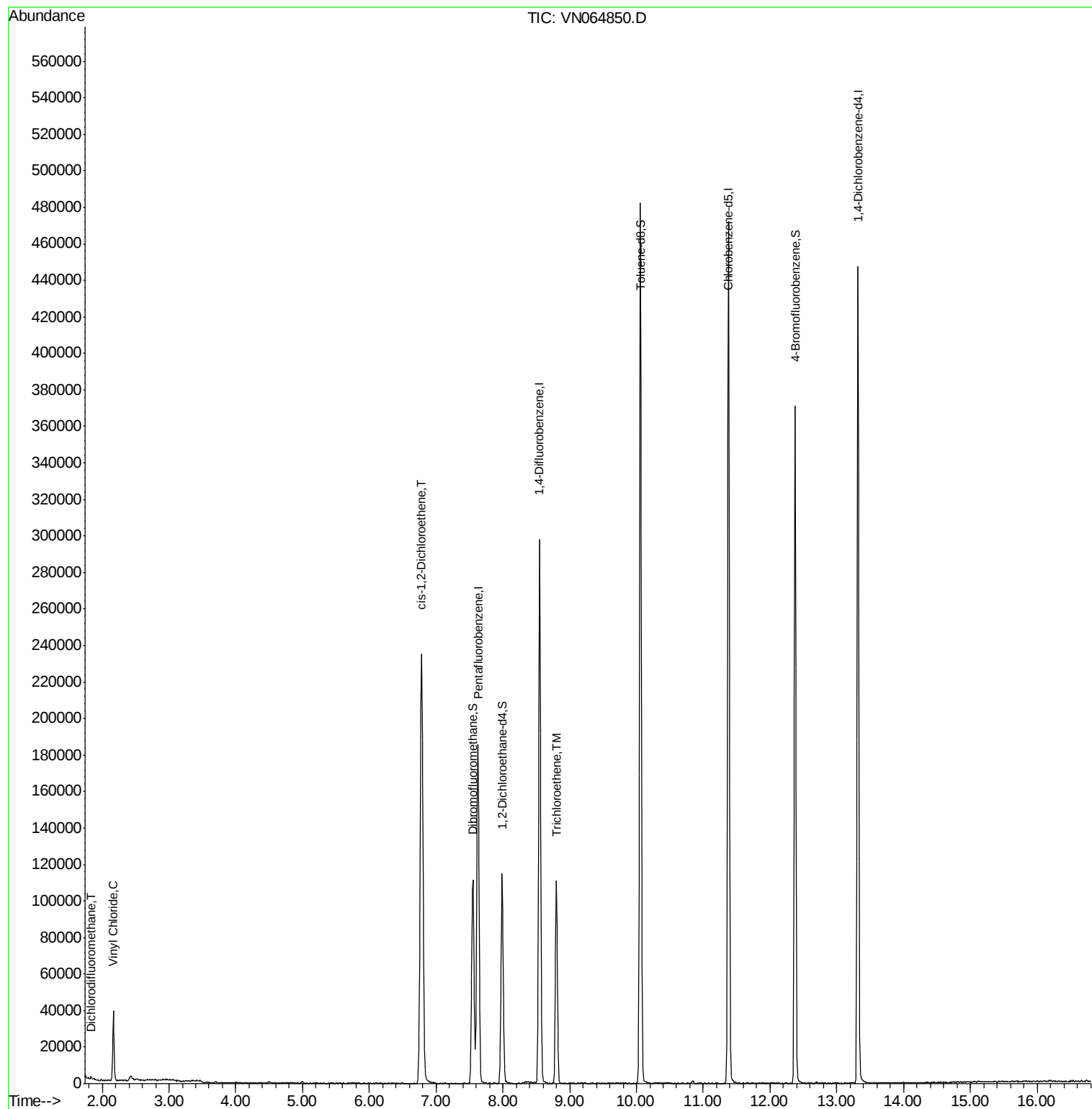
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	909	0.659	ug/l	94
4) Vinyl Chloride	2.17	62	34132	18.278	ug/l	94
27) cis-1,2-Dichloroethene	6.78	96	161558	83.833	ug/l	89
44) Trichloroethene	8.80	130	42805	18.520	ug/l	98

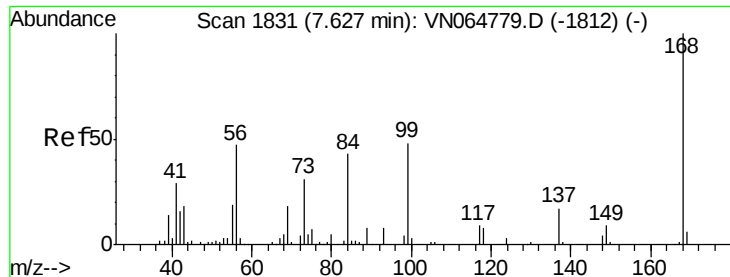
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064850.D

Acq: 25 Nov 2020 12:17

Instrument :

MSVOA_N

ClientSampleId :

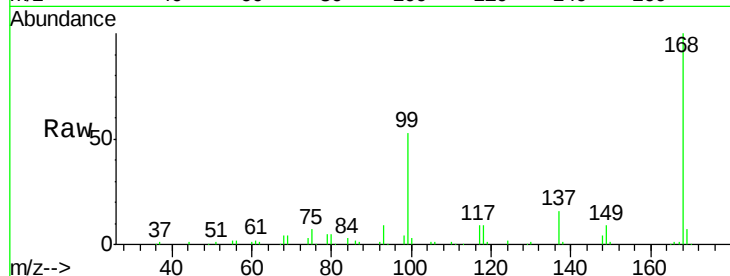
BRP2-20201118DL

Tot Ion:168 Resp: 159039

Ion Ratio Lower Upper

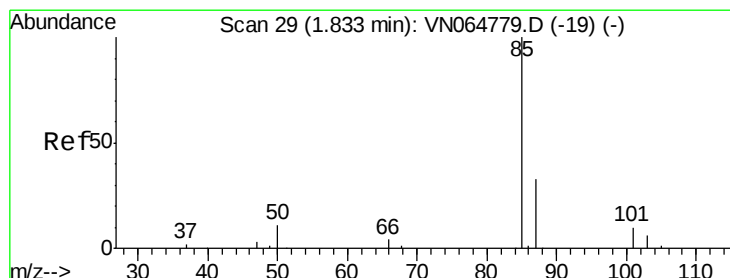
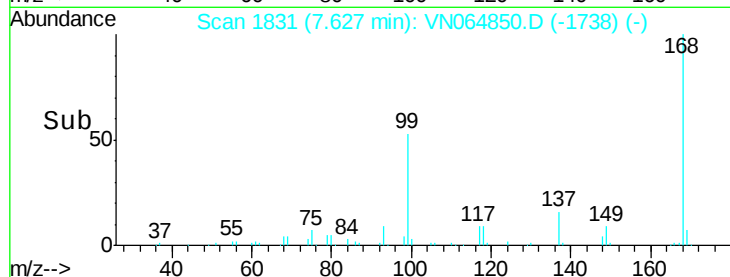
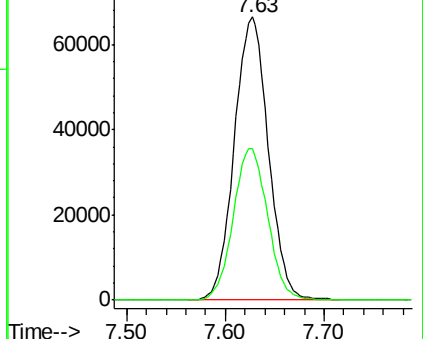
168 100

99 53.4 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 0.659 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064850.D

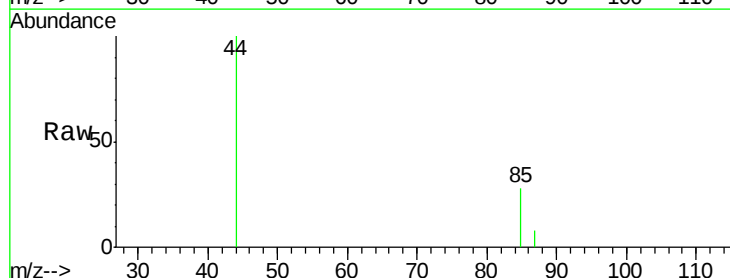
Acq: 25 Nov 2020 12:17

Tgt Ion: 85 Resp: 909

Ion Ratio Lower Upper

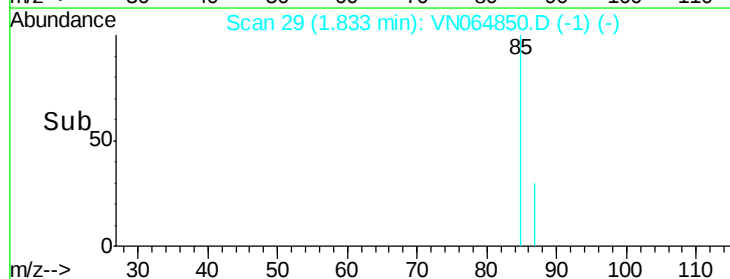
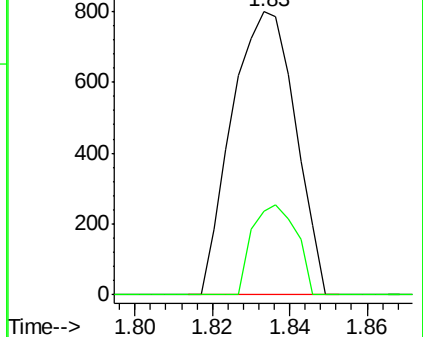
85 100

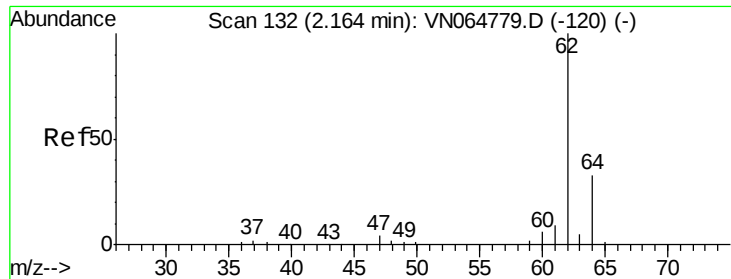
87 29.7 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#4

Vinyl Chloride

Concen: 18.278 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN064850.D

Acq: 25 Nov 2020 12:17

Instrument :

MSVOA_N

ClientSampleId :

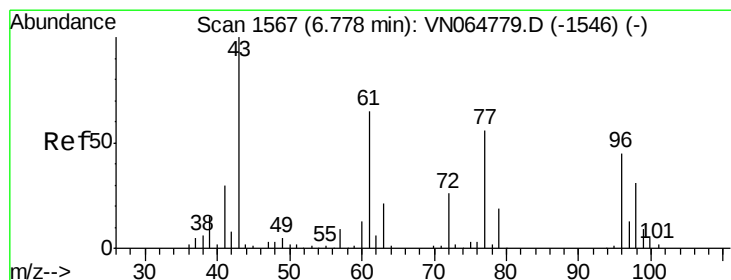
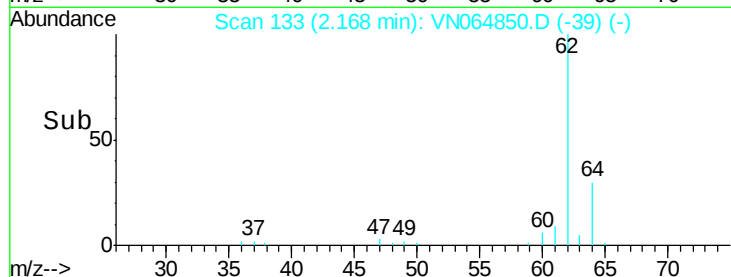
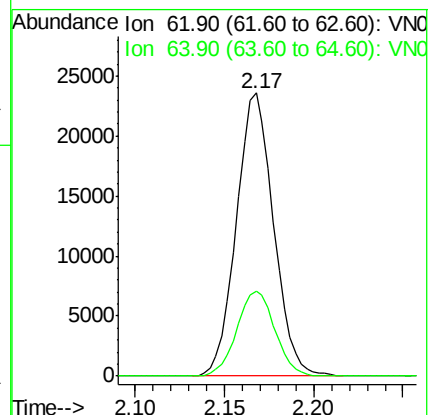
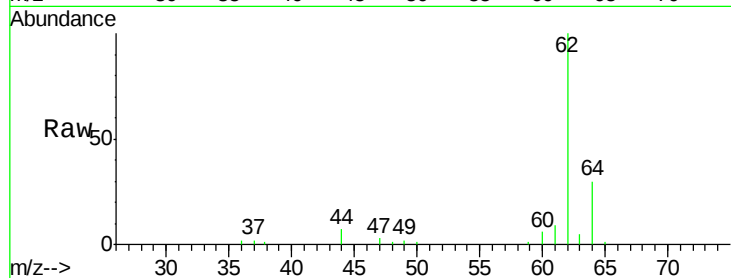
BRP2-20201118DL

Tot Ion: 62 Resp: 34132

Ion Ratio Lower Upper

62 100

64 29.8 26.5 39.7



#27

cis-1,2-Dichloroethene

Concen: 83.833 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064850.D

Acq: 25 Nov 2020 12:17

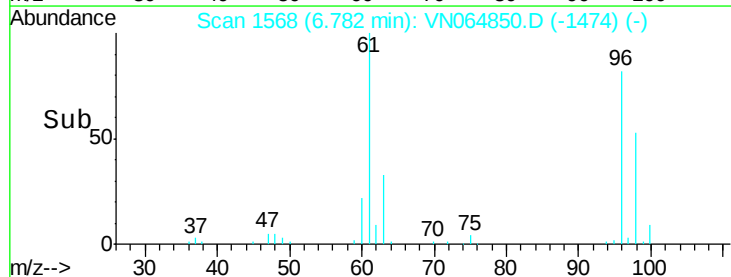
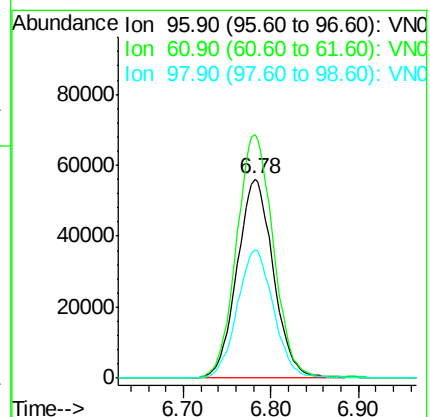
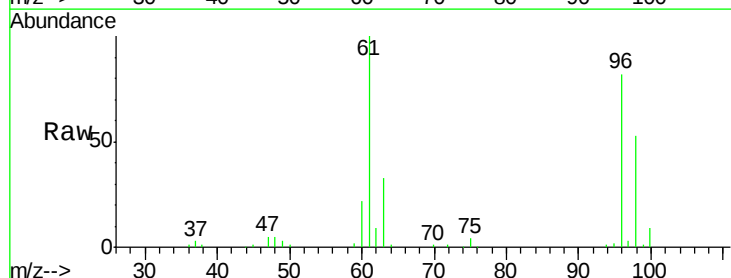
Tgt Ion: 96 Resp: 161558

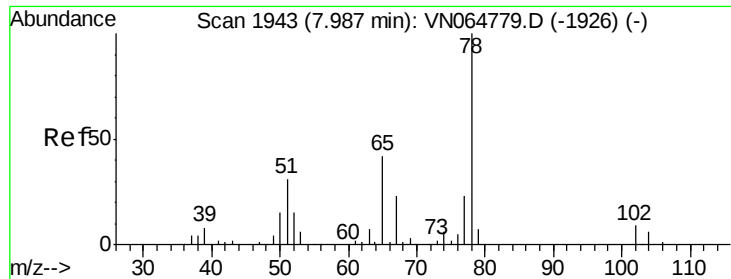
Ion Ratio Lower Upper

96 100

61 123.8 0.0 285.8

98 64.3 0.0 130.6

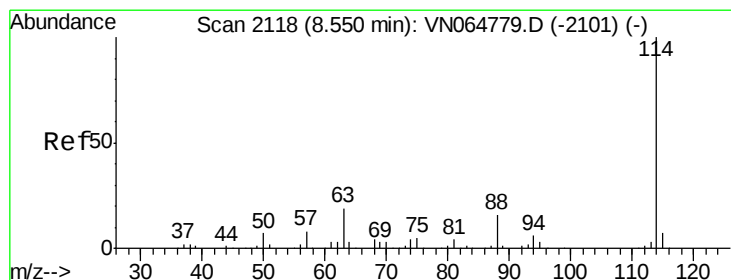
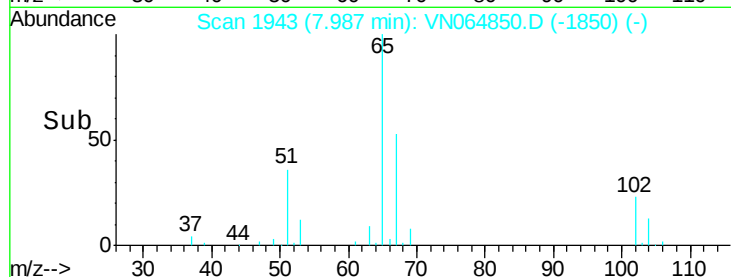
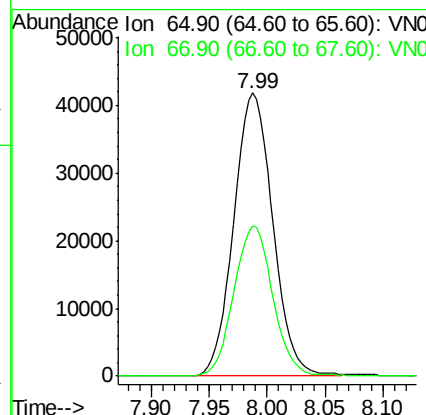
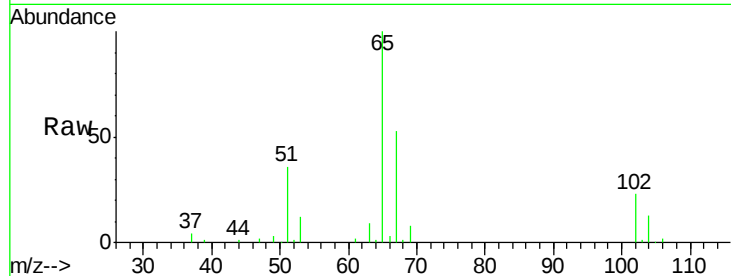




#33
 1,2-Dichloroethane-d4
 Concen: 52.900 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064850.D
 Acq: 25 Nov 2020 12:17

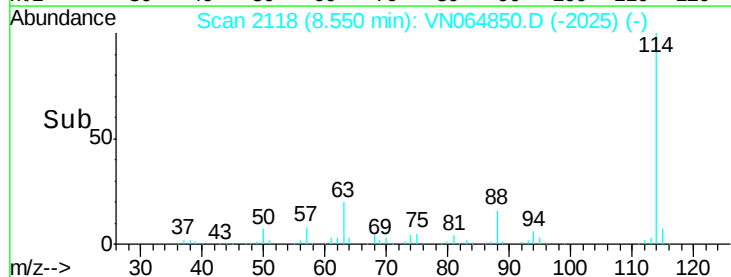
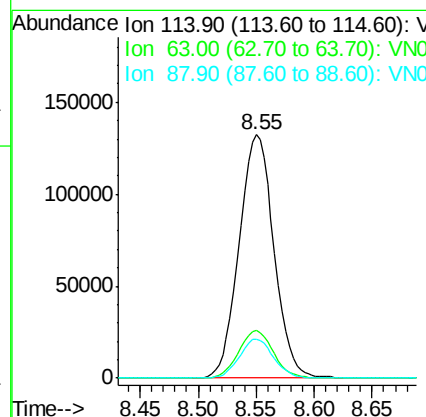
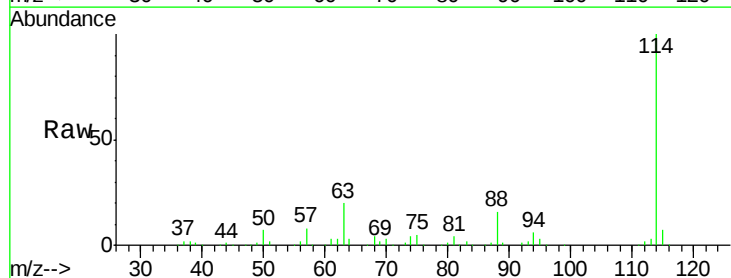
Instrument :
 MSVOA_N
 ClientSampleId :
 BRP2-20201118DL

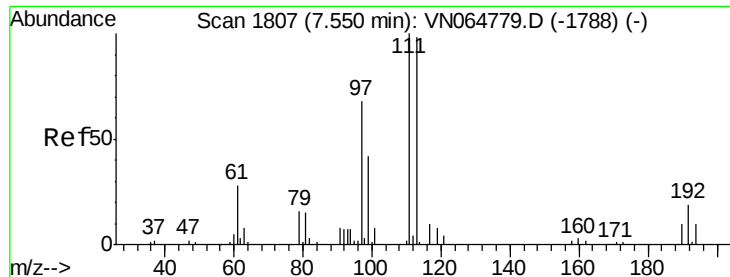
Tot Ion: 65 Resp: 97809
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064850.D
 Acq: 25 Nov 2020 12:17

Tgt Ion: 114 Resp: 275793
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.6
 88 16.1 0.0 32.6

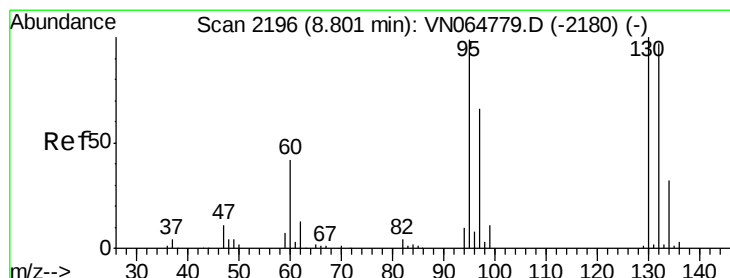
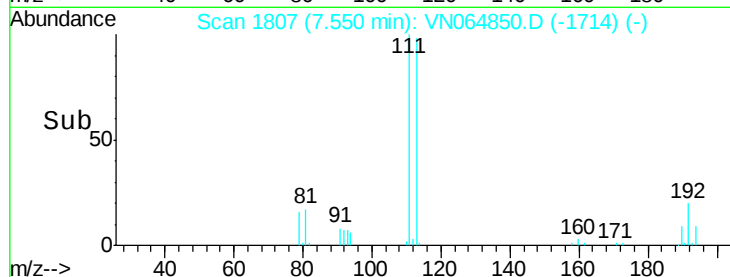
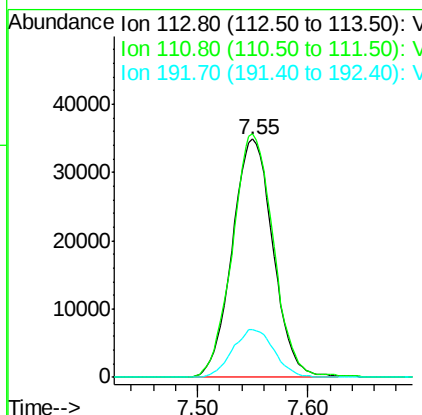
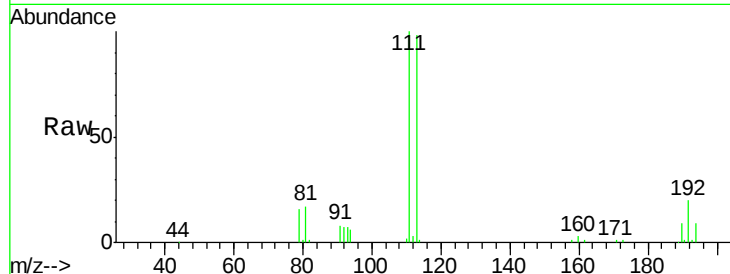




#35
 Dibromofluoromethane
 Concen: 54.282 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064850.D
 Acq: 25 Nov 2020 12:17

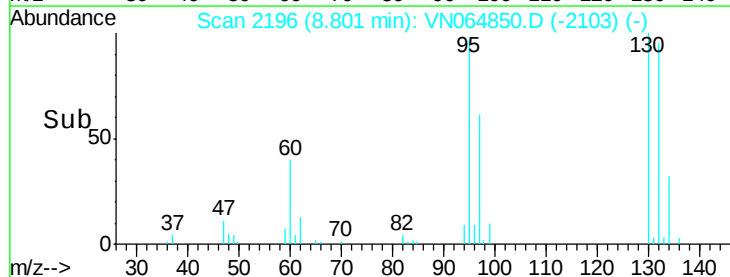
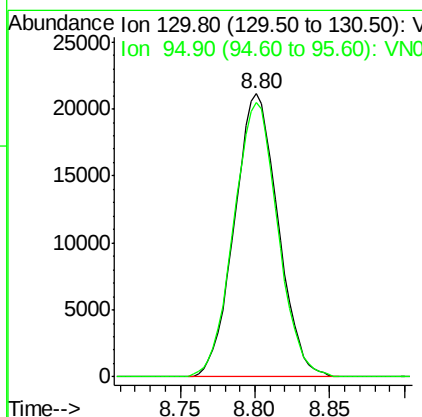
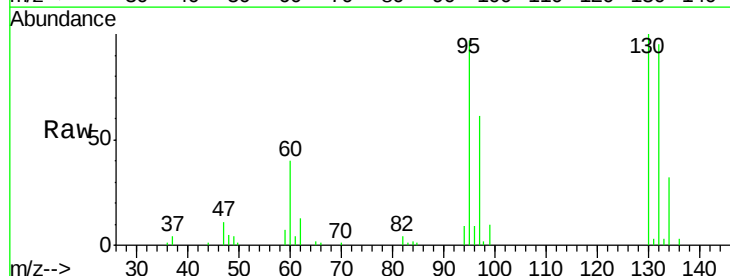
Instrument :
 MSVOA_N
 ClientSampleId :
 BRP2-20201118DL

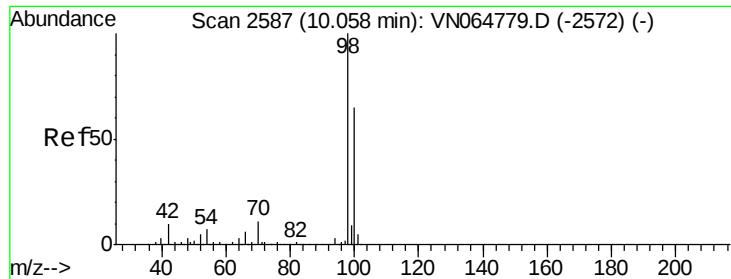
Tot Ion:113 Resp: 89579
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.6 122.4
 192 20.3 16.2 24.2



#44
 Trichloroethene
 Concen: 18.520 ug/l
 RT: 8.80 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: VN064850.D
 Acq: 25 Nov 2020 12:17

Tgt Ion:130 Resp: 42805
 Ion Ratio Lower Upper
 130 100
 95 97.1 0.0 197.8





#50

Toluene-d8

Concen: 52.140 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064850.D

Acq: 25 Nov 2020 12:17

Instrument :

MSVOA_N

ClientSampleId :

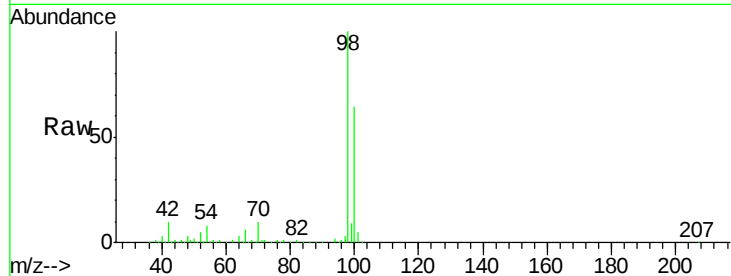
BRP2-20201118DL

Tot Ion: 98 Resp: 351572

Ion Ratio Lower Upper

98 100

100 63.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN064779.D (-2572) (-)

Ion 100.00 (99.70 to 100.70): VN064779.D (-2572) (-)

10.06

200000

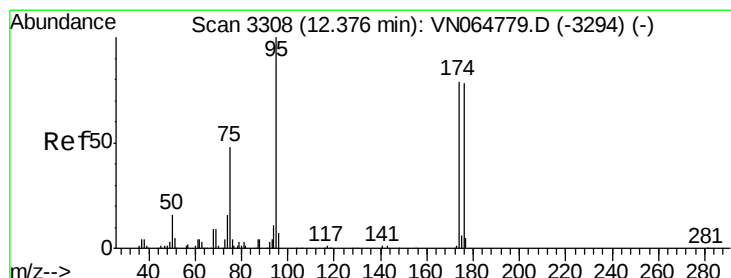
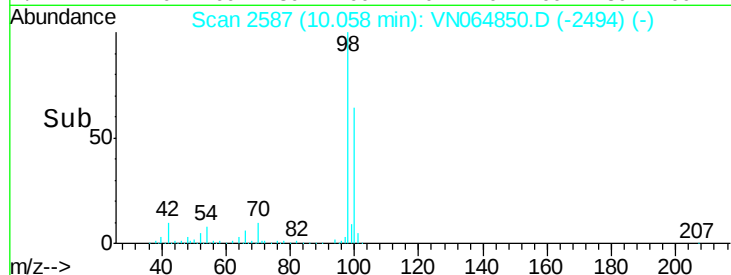
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 55.429 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064850.D

Acq: 25 Nov 2020 12:17

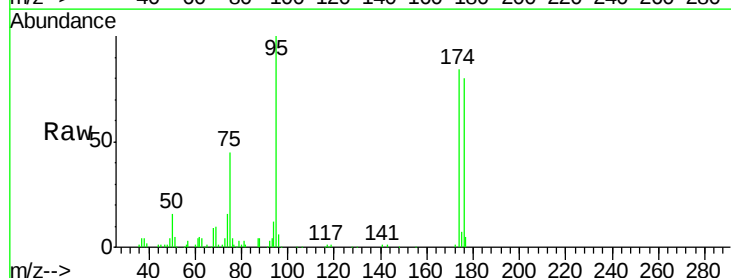
Tgt Ion: 95 Resp: 133758

Ion Ratio Lower Upper

95 100

174 81.0 0.0 160.4

176 78.4 0.0 158.4



Abundance Ion 94.90 (94.60 to 95.60): VN064779.D (-3294) (-)

Ion 173.80 (173.50 to 174.50): VN064779.D (-3294) (-)

Ion 175.80 (175.50 to 176.50): VN064779.D (-3294) (-)

12.38

100000

80000

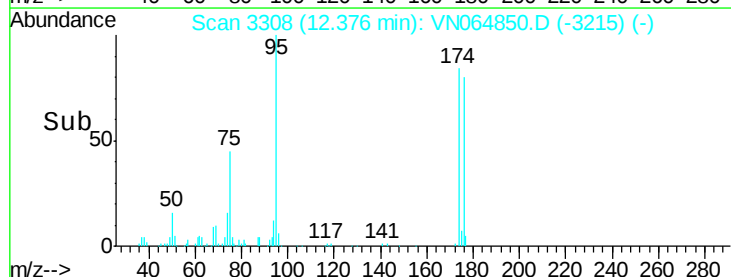
60000

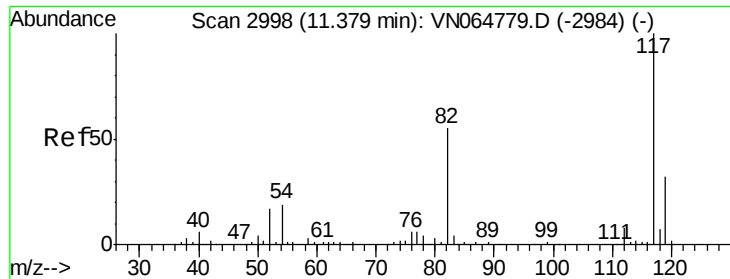
40000

20000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064850.D

Acq: 25 Nov 2020 12:17

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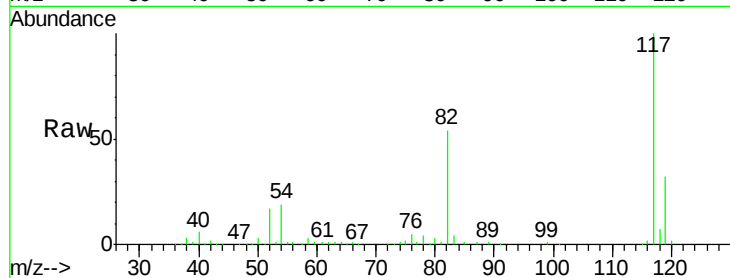
Tot Ion:117 Resp: 287008

Ion Ratio Lower Upper

117 100

82 54.5 44.2 66.2

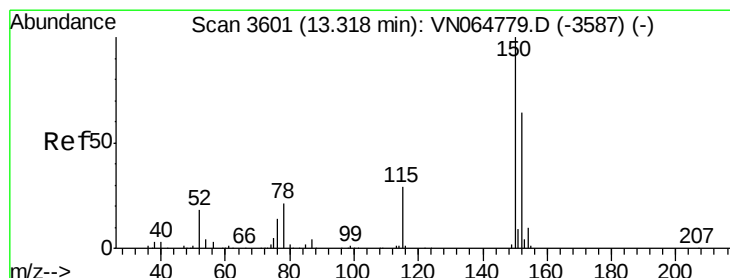
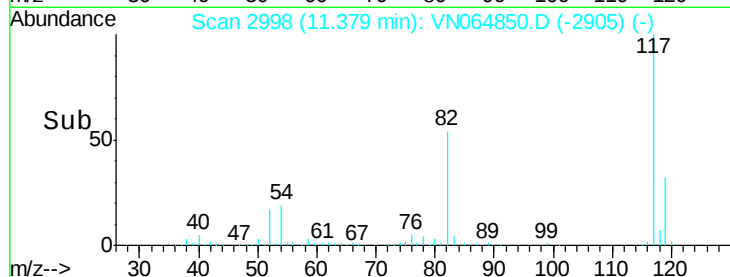
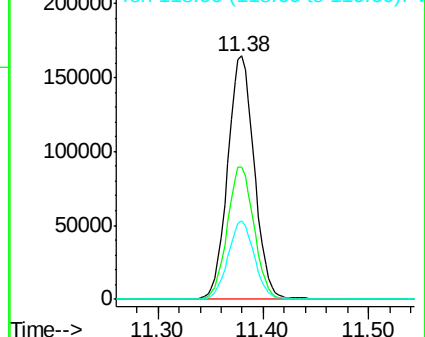
119 32.1 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064850.D

Acq: 25 Nov 2020 12:17

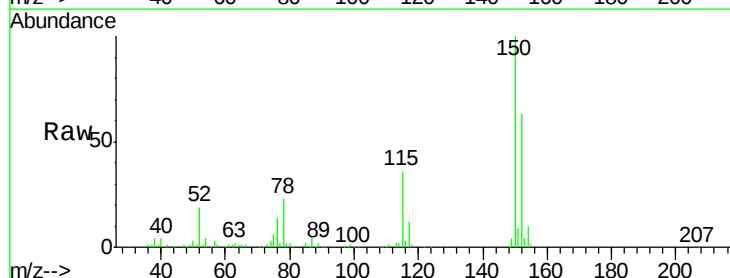
Tgt Ion:152 Resp: 127445

Ion Ratio Lower Upper

152 100

115 58.7 29.7 89.1

150 159.5 0.0 350.6



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

