

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062620\
 Data File : VN062142.D
 Acq On : 26 Jun 2020 16:13
 Operator : JC/MD
 Sample : L3088-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BRP2-20200622

Quant Time: Jun 27 04:40:18 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	233760	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	425191	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	407246	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	150110	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	160836	49.03	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.06%	
35) Dibromofluoromethane	7.55	113	135840	49.80	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.60%	
50) Toluene-d8	10.06	98	533720	48.95	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.90%	
62) 4-Bromofluorobenzene	12.38	95	173956	47.22	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.44%	

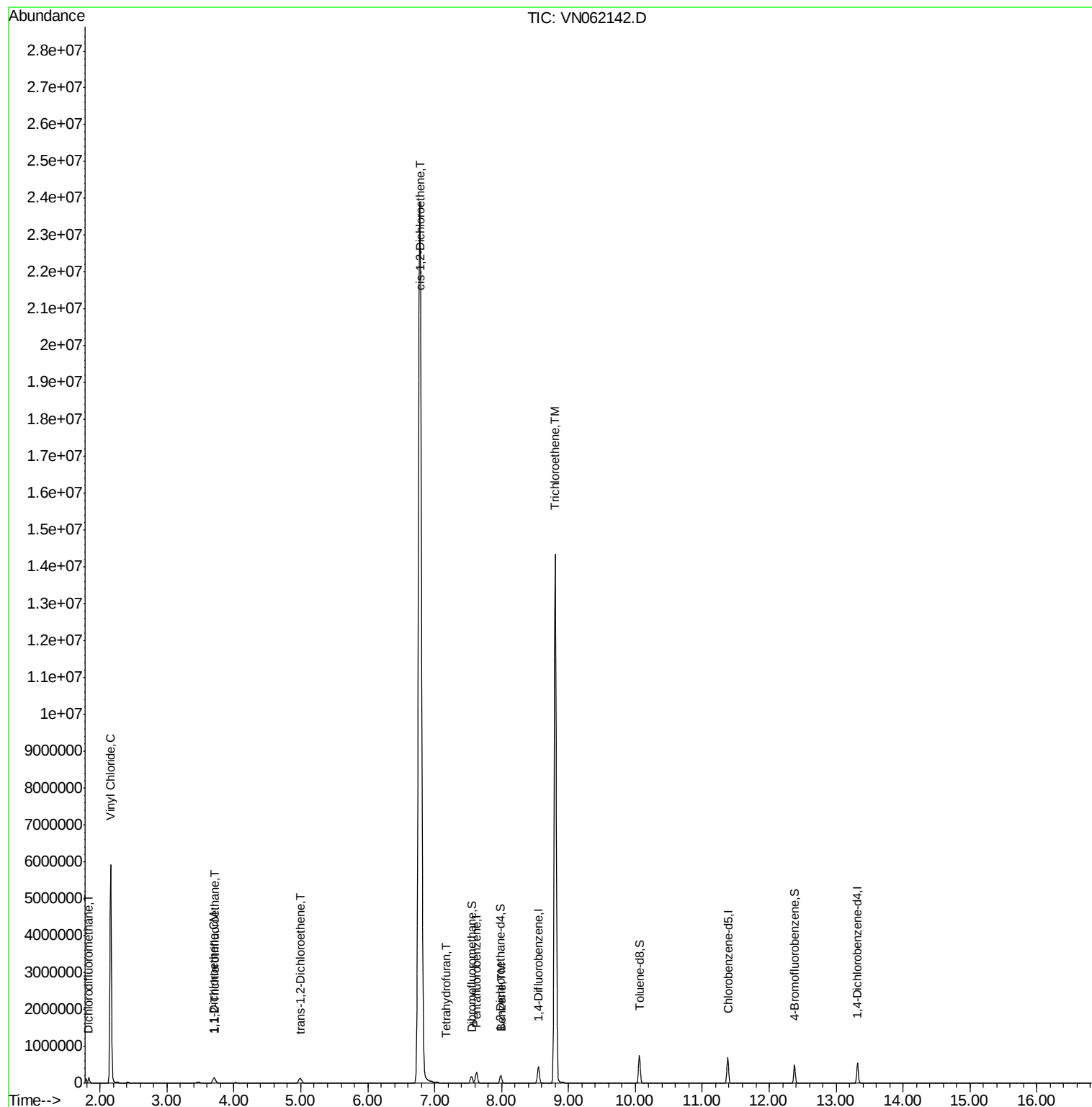
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	114968	43.511	ug/l	99
4) Vinyl Chloride	2.16	62	5128931	1232.618	ug/l #	67
9) 1,1,2-Trichlorotrifluoroet	3.72	101	28404	10.579	ug/l	99
12) 1,1-Dichloroethene	3.70	96	65451	24.384	ug/l	100
21) trans-1,2-Dichloroethene	4.99	96	92682	30.310	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	14809219	4304.037	ug/l	74
29) Tetrahydrofuran	7.18	42	3266	3.110	ug/l #	70
40) Benzene	8.00	78	6858	0.526	ug/l	99
44) Trichloroethene	8.80	130	5070893	1543.206	ug/l	97

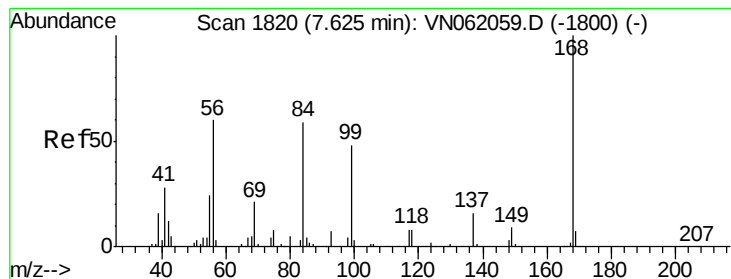
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062620\
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Quant Title : SW846 8260
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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: VN062142.D

Acq: 26 Jun 2020 16:13

Instrument :

MSVOA_N

ClientSampleId :

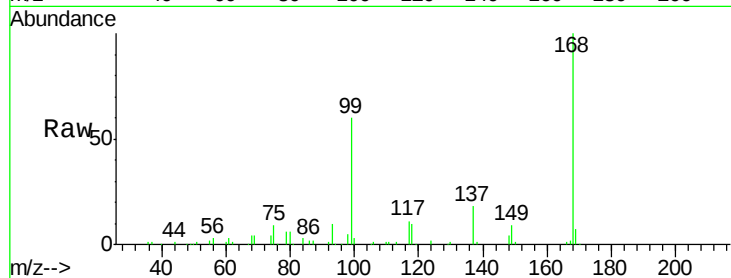
BRP2-20200622

Tot Ion:168 Resp: 233760

Ion Ratio Lower Upper

168 100

99 60.2 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

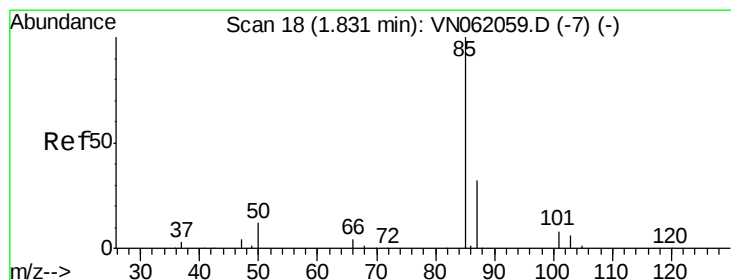
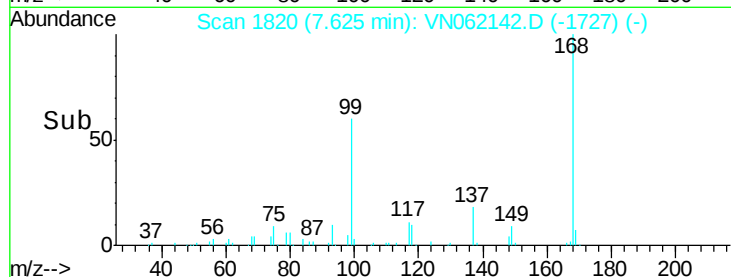
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 43.511 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062142.D

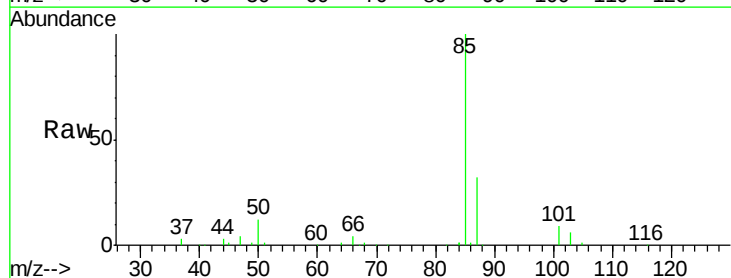
Acq: 26 Jun 2020 16:13

Tgt Ion: 85 Resp: 114968

Ion Ratio Lower Upper

85 100

87 32.1 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

80000

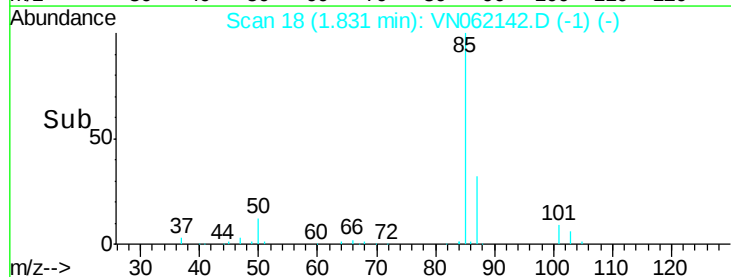
60000

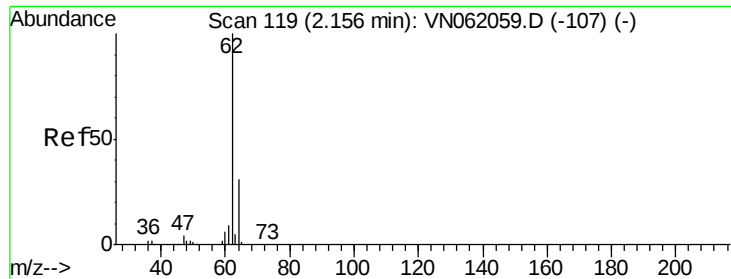
40000

20000

0

Time--> 1.80 1.85 1.90





#4

Vinyl Chloride

Concen: 1232.618 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN062142.D

Acq: 26 Jun 2020 16:13

Instrument :

MSVOA_N

ClientSampleId :

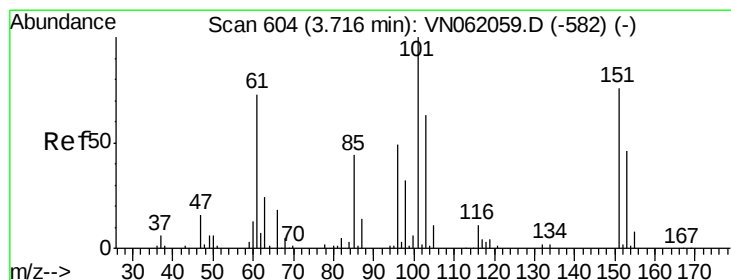
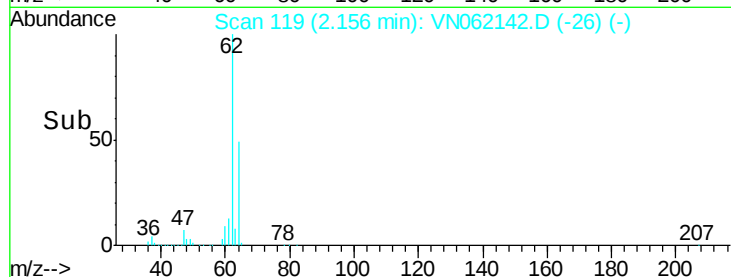
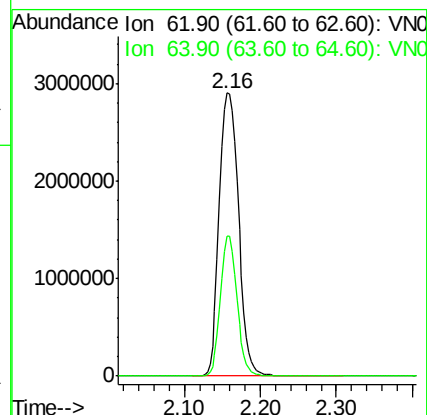
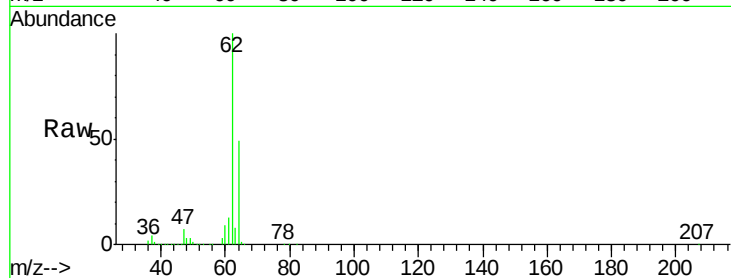
BRP2-20200622

Tot Ion: 62 Resp: 5128931

Ion Ratio Lower Upper

62 100

64 49.4 25.1 37.7#



#9

1,1,2-Trichlorotrifluoroethane

Concen: 10.579 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN062142.D

Acq: 26 Jun 2020 16:13

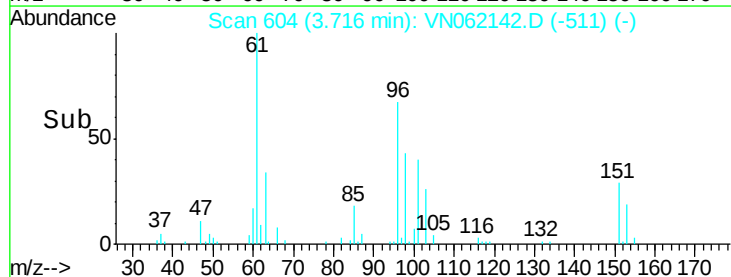
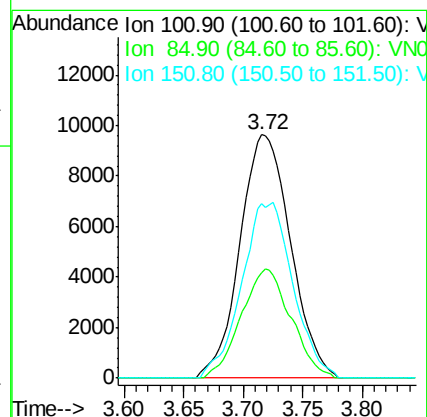
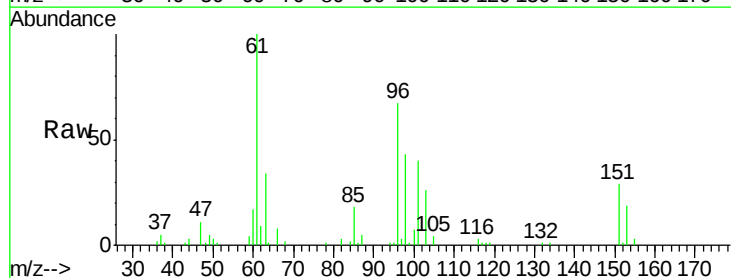
Tgt Ion: 101 Resp: 28404

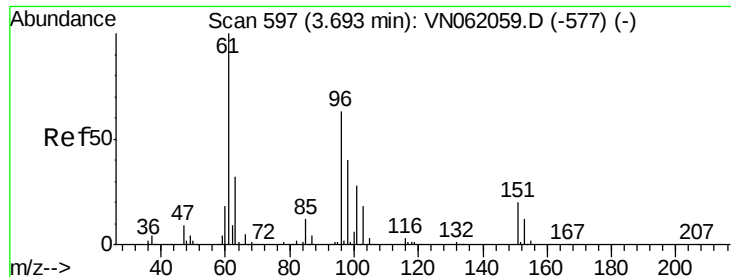
Ion Ratio Lower Upper

101 100

85 44.1 34.5 51.7

151 73.0 57.8 86.8





#12

1,1-Dichloroethene

Concen: 24.384 ug/l

RT: 3.70 min Scan# 599

Delta R.T. 0.01 min

Lab File: VN062142.D

Acq: 26 Jun 2020 16:13

Instrument :

MSVOA_N

ClientSampleId :

BRP2-20200622

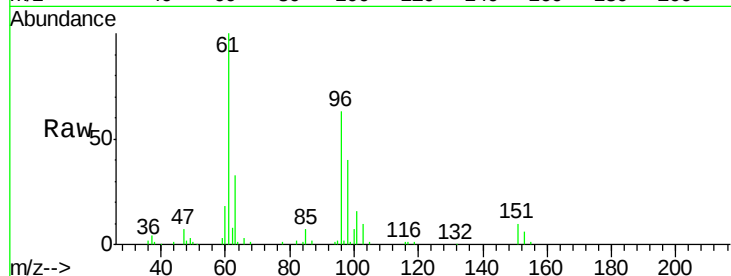
Tot Ion: 96 Resp: 65451

Ion Ratio Lower Upper

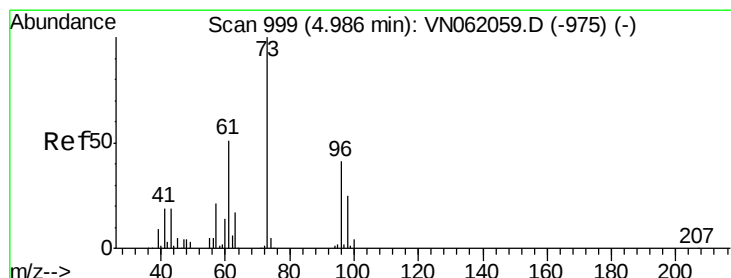
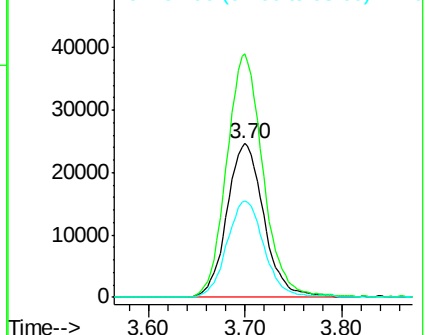
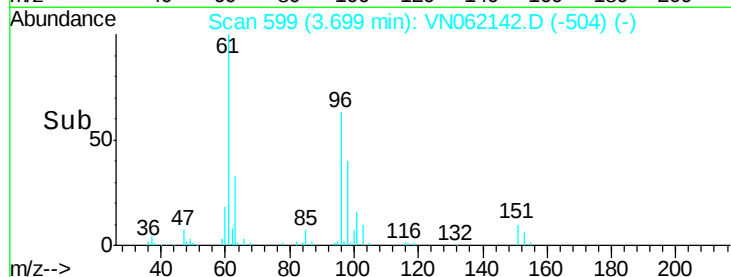
96 100

61 158.4 126.7 190.1

98 62.9 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VN062142.D (-504) (-)



#21

trans-1,2-Dichloroethene

Concen: 30.310 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN062142.D

Acq: 26 Jun 2020 16:13

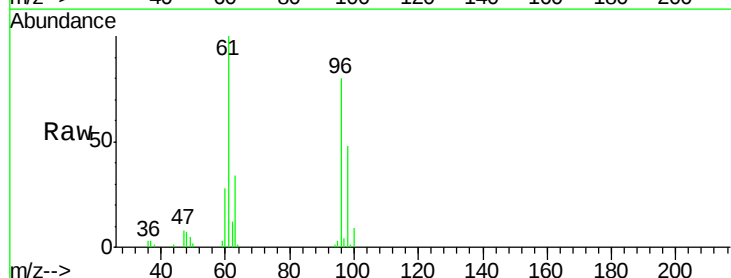
Tgt Ion: 96 Resp: 92682

Ion Ratio Lower Upper

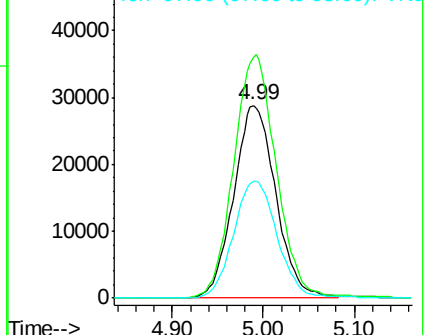
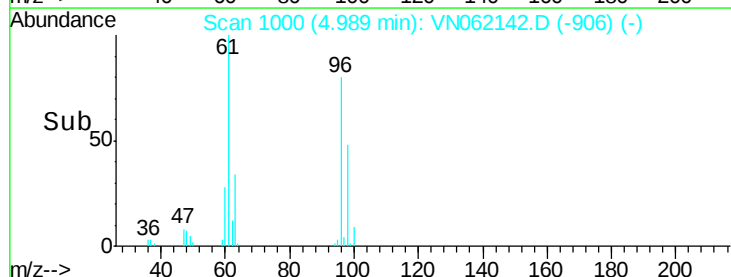
96 100

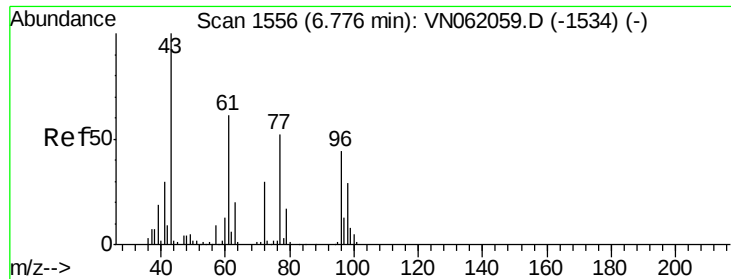
61 124.9 101.4 152.2

98 60.4 49.3 73.9



Abundance Ion 95.90 (95.60 to 96.60): VN062142.D (-906) (-)



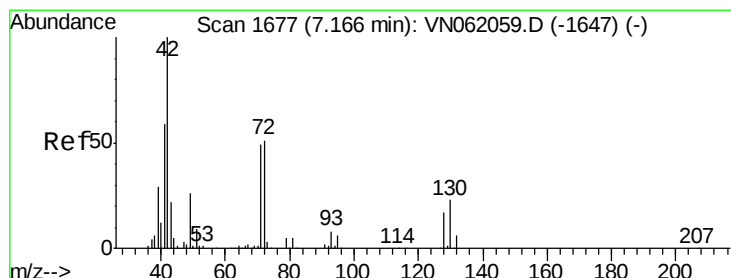
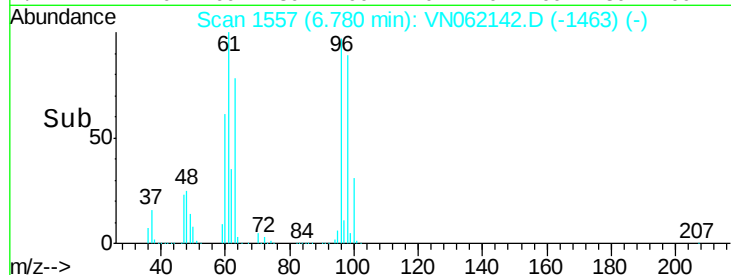
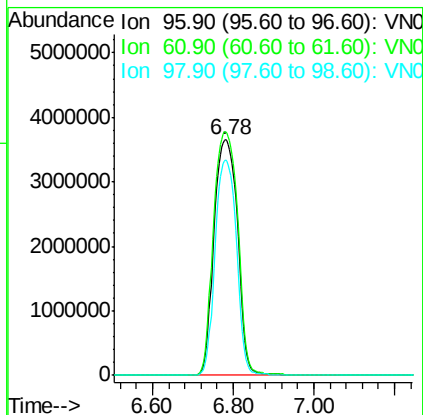
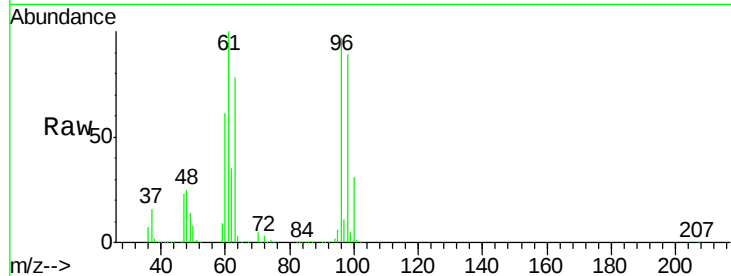


#27

cis-1,2-Dichloroethene
 Concen: 4304.037 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. 0.00 min
 Lab File: VN062142.D
 Acq: 26 Jun 2020 16:13

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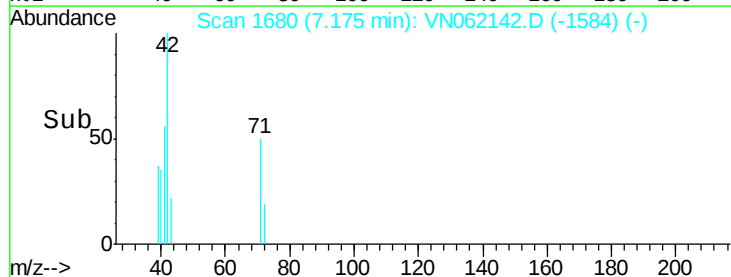
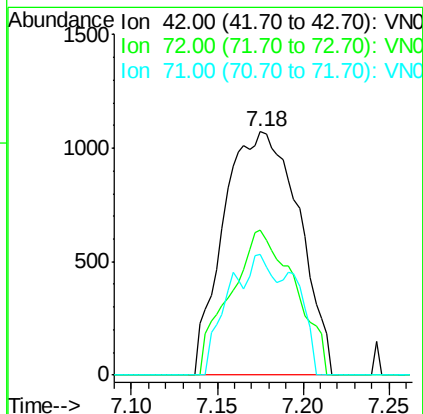
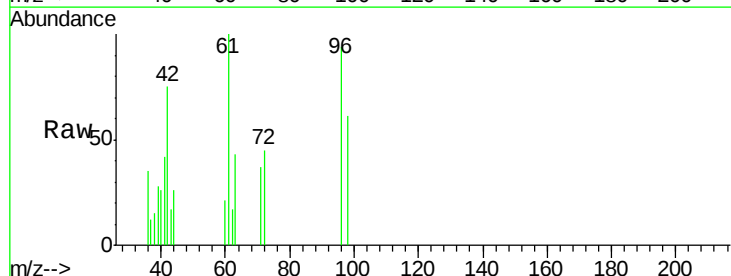
Tot Ion: 96 Resp:14809219
 Ion Ratio Lower Upper
 96 100
 61 106.8 0.0 280.4
 98 83.3 0.0 129.4

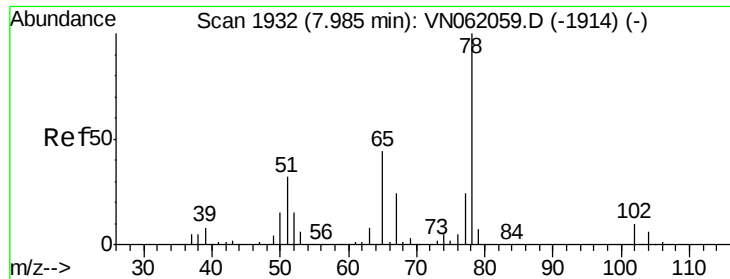


#29

Tetrahydrofuran
 Concen: 3.110 ug/l
 RT: 7.18 min Scan# 1680
 Delta R.T. 0.01 min
 Lab File: VN062142.D
 Acq: 26 Jun 2020 16:13

Tgt Ion: 42 Resp: 3266
 Ion Ratio Lower Upper
 42 100
 72 51.4 41.1 61.7
 71 5.8 38.2 57.4#

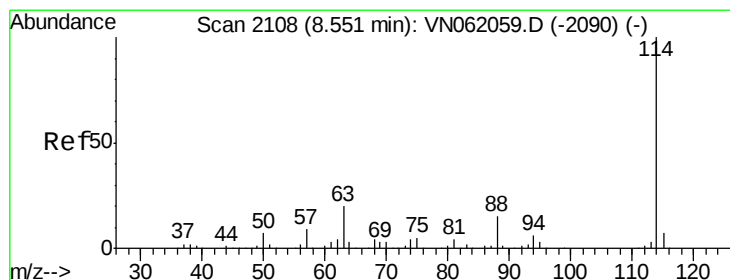
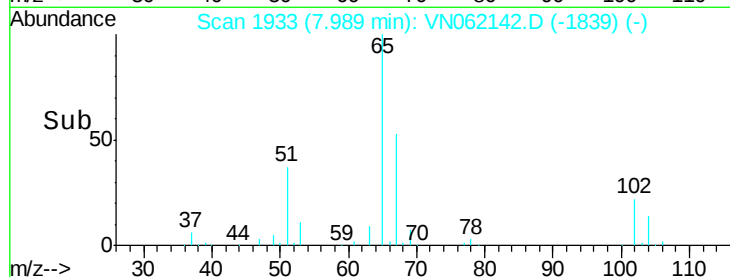
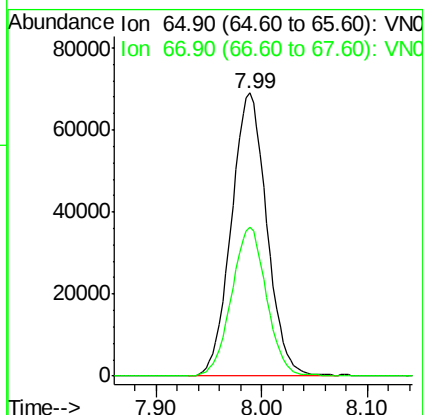
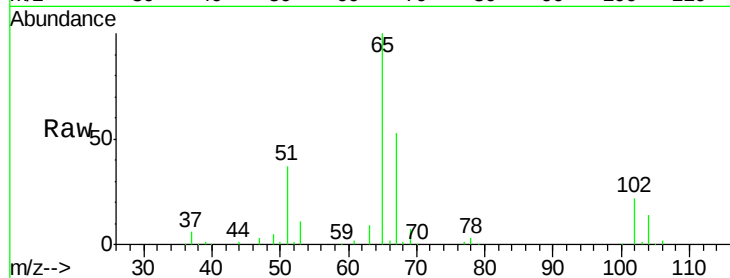




#33
 1,2-Dichloroethane-d4
 Concen: 49.029 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062142.D
 Acq: 26 Jun 2020 16:13

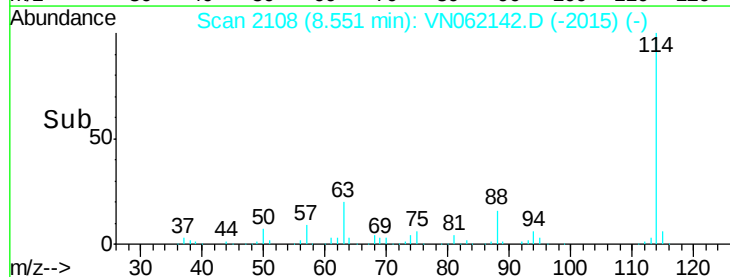
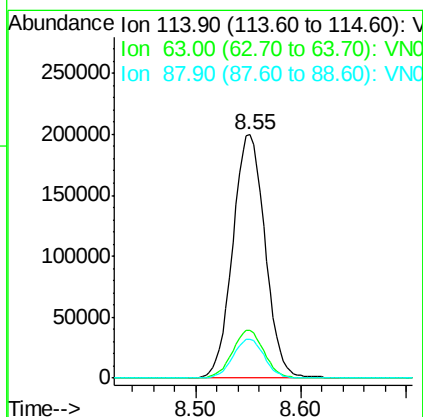
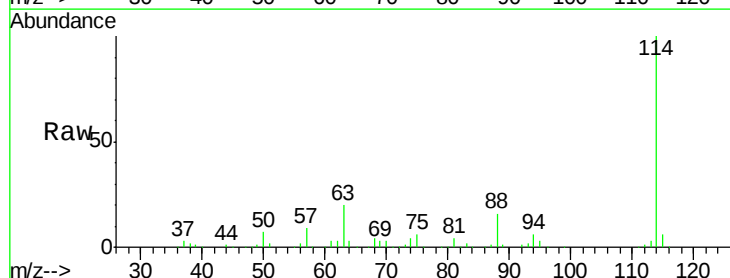
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 ClientSampleId :
 BRP2-20200622

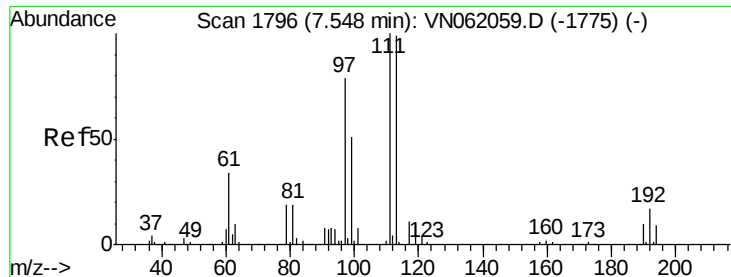
Tot Ion: 65 Resp: 160836
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062142.D
 Acq: 26 Jun 2020 16:13

Tgt Ion: 114 Resp: 425191
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.2
 88 16.2 0.0 30.8

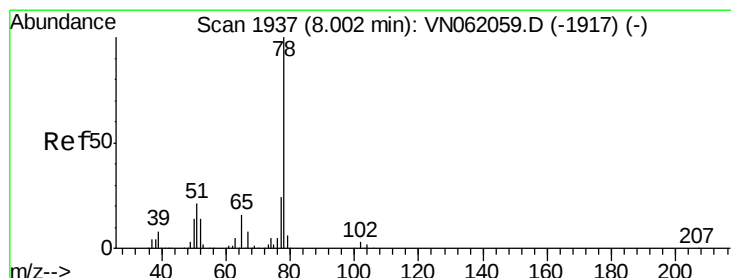
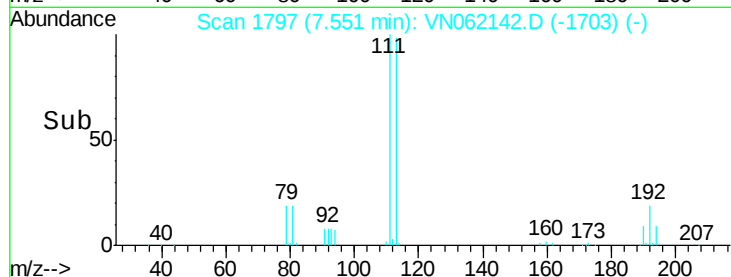
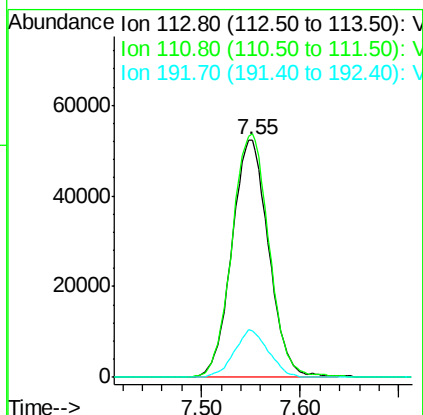
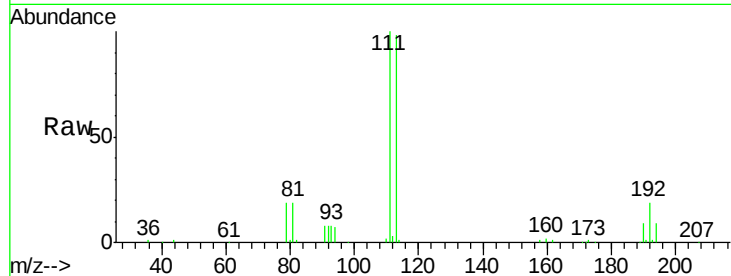




#35
Dibromofluoromethane
Concen: 49.798 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. 0.00 min
Lab File: VN062142.D
Acq: 26 Jun 2020 16:13

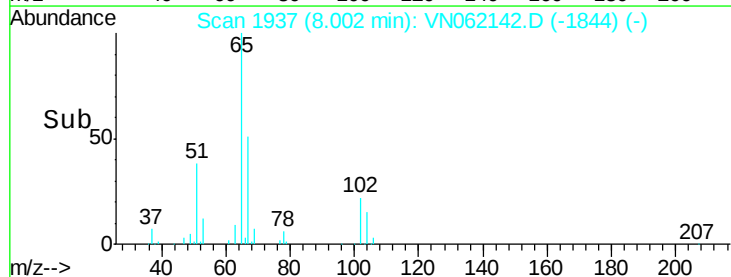
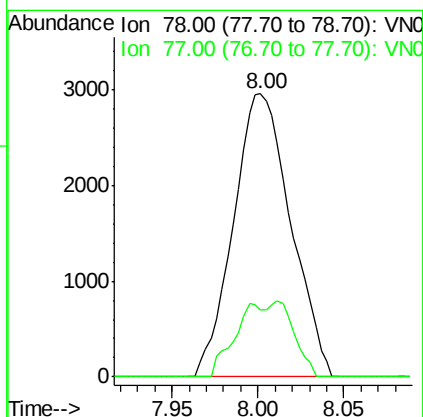
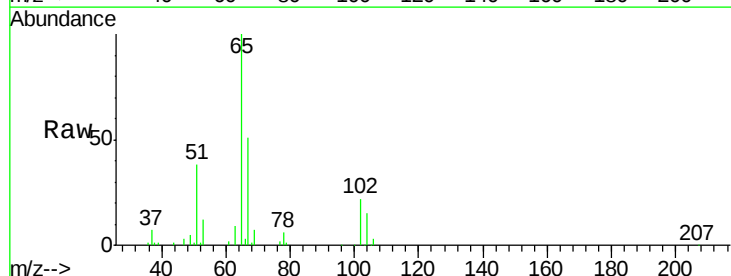
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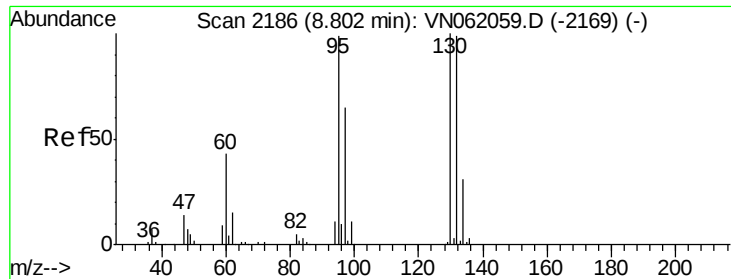
Tot Ion:113 Resp: 135840
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.4
192 18.4 14.0 21.0



#40
Benzene
Concen: 0.526 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN062142.D
Acq: 26 Jun 2020 16:13

Tgt Ion: 78 Resp: 6858
Ion Ratio Lower Upper
78 100
77 23.7 19.5 29.3

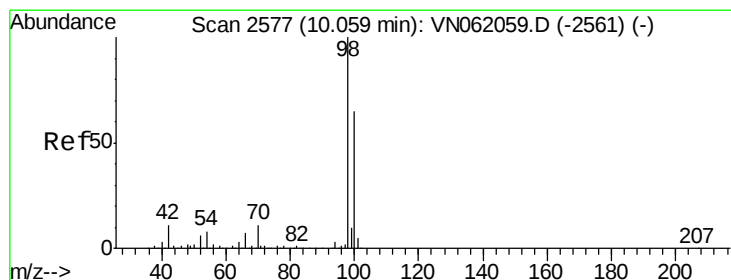
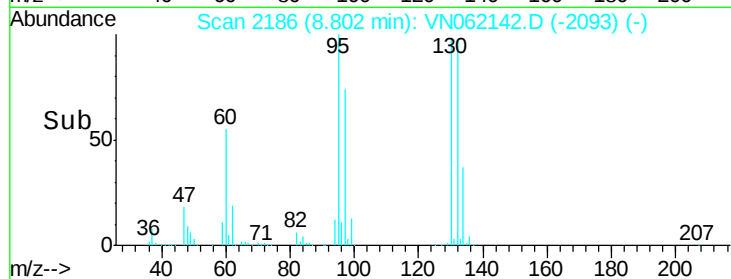
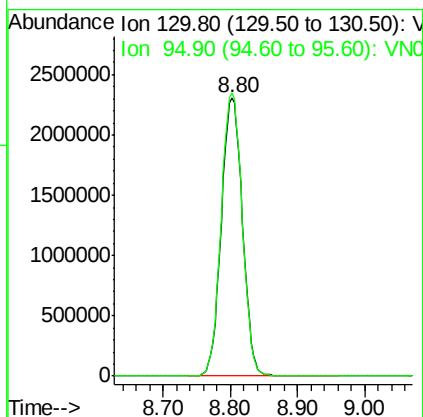
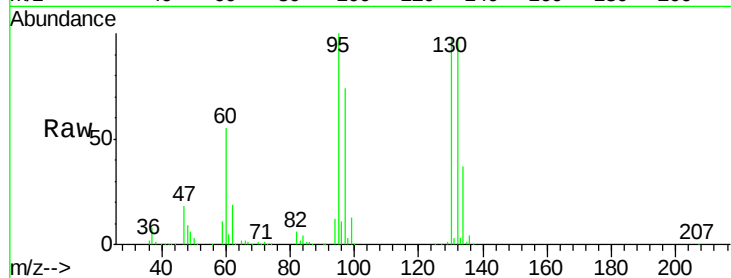




#44
 Trichloroethene
 Concen: 1543.206 ug/l
 RT: 8.80 min Scan# 2186
 Delta R.T. 0.00 min
 Lab File: VN062142.D
 Acq: 26 Jun 2020 16:13

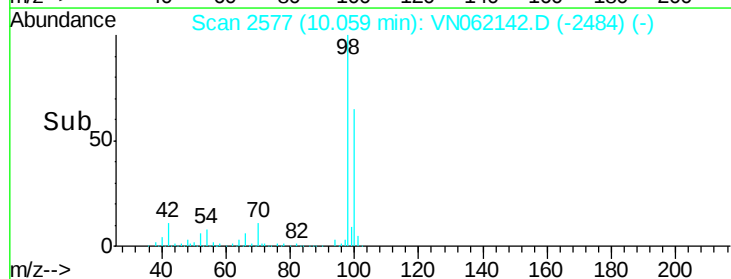
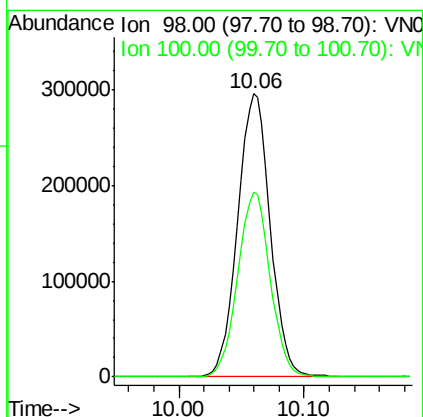
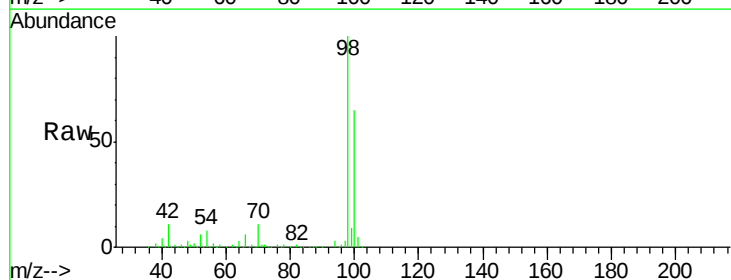
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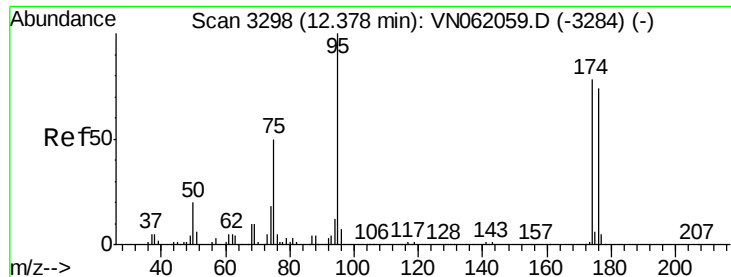
Tot Ion:130 Resp: 5070893
 Ion Ratio Lower Upper
 130 100
 95 101.7 0.0 197.8



#50
 Toluene-d8
 Concen: 48.947 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. 0.00 min
 Lab File: VN062142.D
 Acq: 26 Jun 2020 16:13

Tgt Ion: 98 Resp: 533720
 Ion Ratio Lower Upper
 98 100
 100 65.1 51.2 76.8

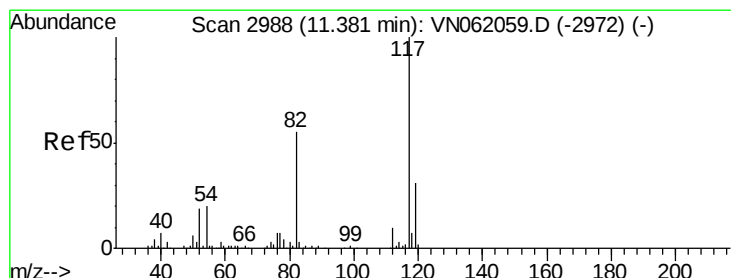
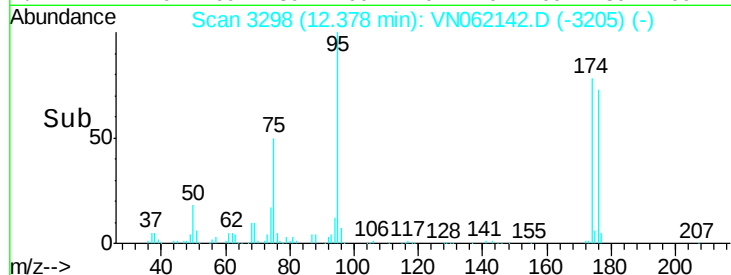
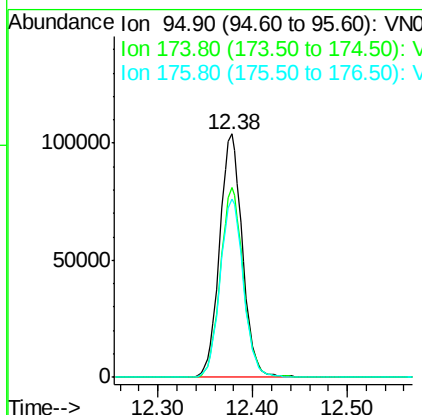
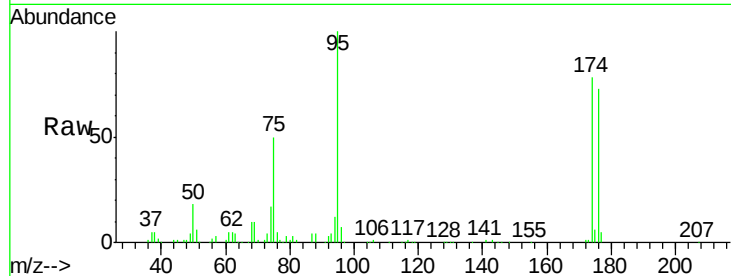




#62
4-Bromofluorobenzene
Concen: 47.220 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN062142.D
Acq: 26 Jun 2020 16:13

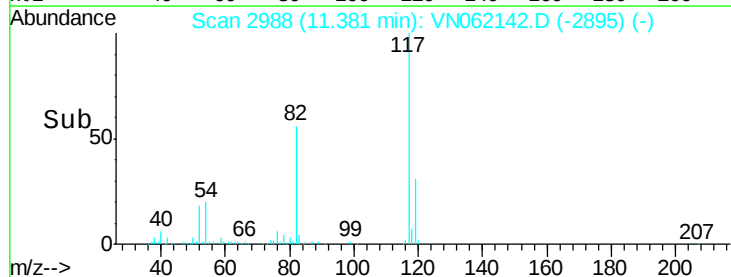
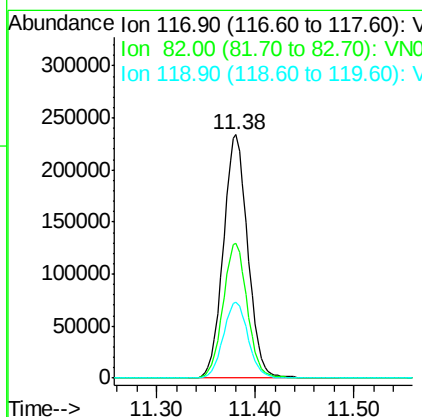
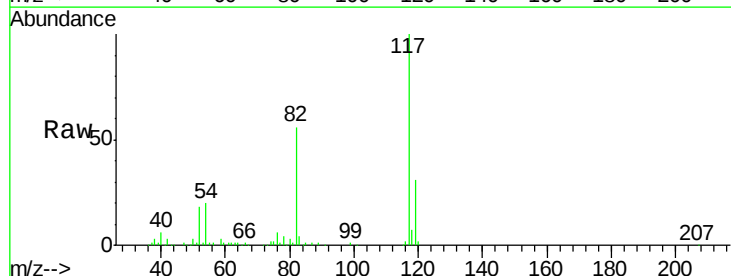
Instrument :
MSVOA_N
ClientSampleId :
BRP2-20200622

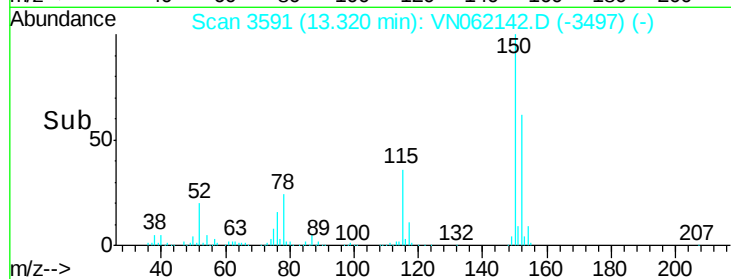
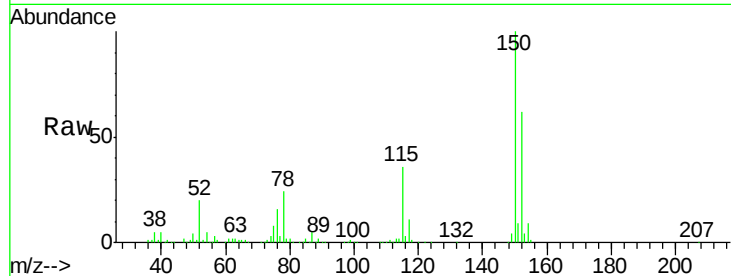
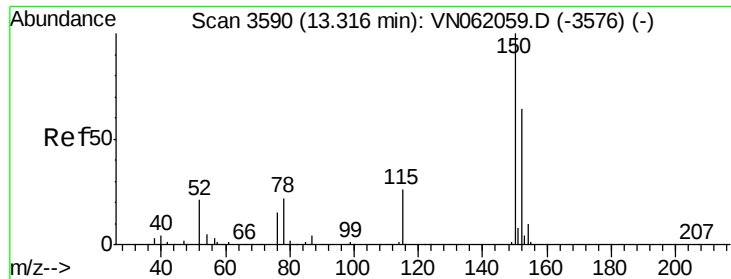
Tot Ion	95	Resp	173956
Ion Ratio	100		
Lower			
Upper			
174	78.1	0.0	154.8
176	74.9	0.0	147.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062142.D
Acq: 26 Jun 2020 16:13

Tgt Ion	117	Resp	407246
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td></td> <td></td> <td></td>			
Upper <td></td> <td></td> <td></td>			
82	55.6	43.8	65.8
119	31.1	25.2	37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062142.D

Acq: 26 Jun 2020 16:13

Instrument :

MSVOA_N

ClientSampleId :

BRP2-20200622

Tot Ion:152 Resp: 150110

Ion Ratio Lower Upper

152 100

115 59.2 29.5 88.5

150 159.1 0.0 351.4

