

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070120\
 Data File : VN062292.D
 Acq On : 1 Jul 2020 15:17
 Operator : JC/MD
 Sample : L3151-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW180-FB-20200626

Quant Time: Jul 02 06:53:43 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	204229	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	404666	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	398071	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	150291	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	163462	57.03	ug/l	0.00
Spiked Amount			Recovery	=	114.06%	
35) Dibromofluoromethane	7.55	113	131043	50.48	ug/l	0.00
Spiked Amount			Recovery	=	100.96%	
50) Toluene-d8	10.06	98	526919	50.77	ug/l	0.00
Spiked Amount			Recovery	=	101.54%	
62) 4-Bromofluorobenzene	12.38	95	178120	50.80	ug/l	0.00
Spiked Amount			Recovery	=	101.60%	

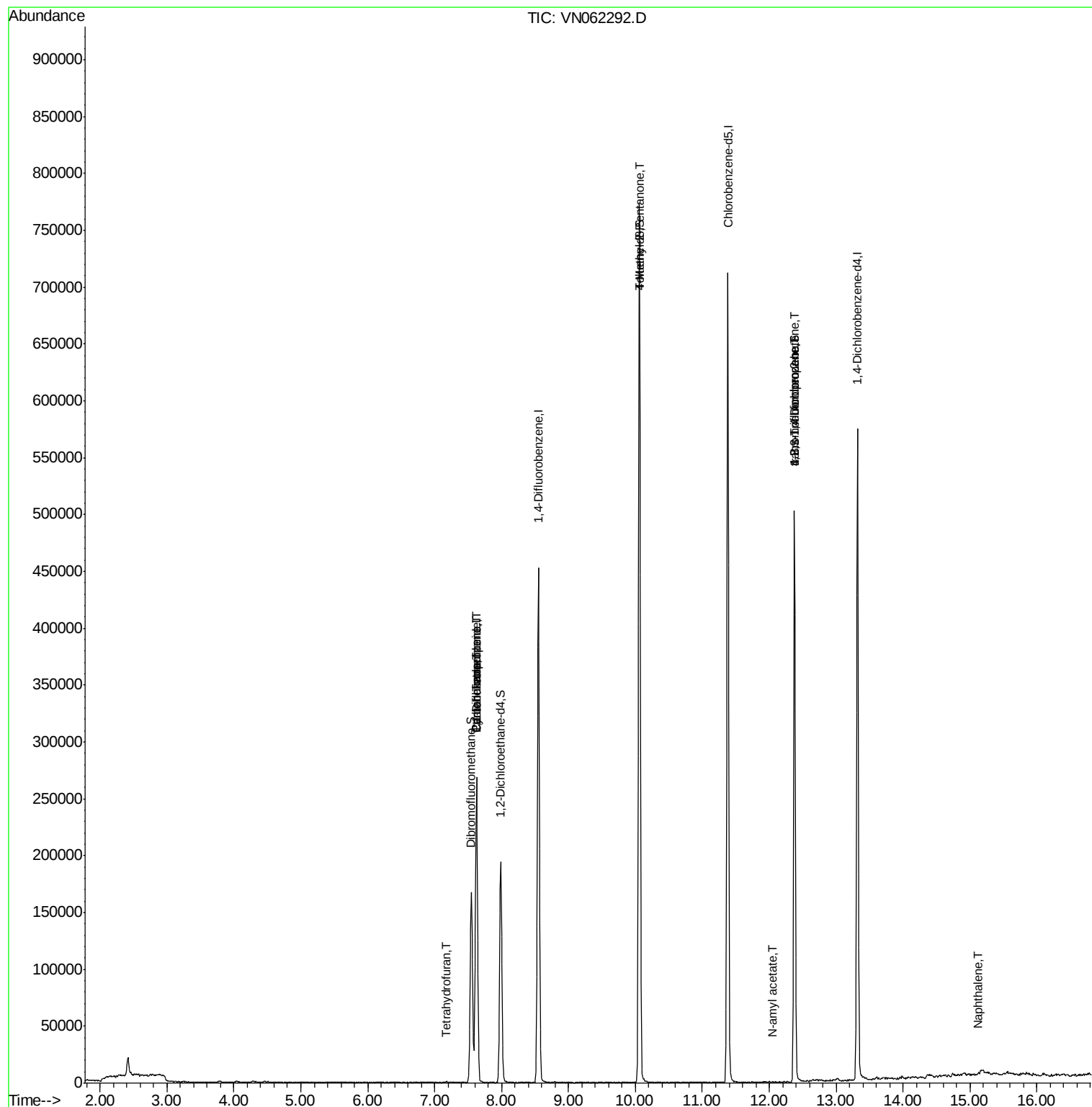
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	906	Below Cal	#	77
16) Acetone	3.78	43	2187	Below Cal		91
20) Methylene Chloride	4.51	84	290	Below Cal	#	11
29) Tetrahydrofuran	7.17	42	722	0.787	ug/l #	48
31) Cyclohexane	7.63	56	5075	1.282	ug/l #	11
36) 1,1-Dichloropropene	7.63	75	18360	4.514	ug/l #	49
38) Carbon Tetrachloride	7.63	117	22065	5.754	ug/l #	16
51) 4-Methyl-2-Pentanone	10.06	43	2641	0.823	ug/l #	1
74) N-amyl acetate	12.04	43	221	3.391	ug/l #	43
76) 1,2,3-Trichloropropane	12.38	75	92323	26.095	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	92323	76.207	ug/l #	13
95) Naphthalene	15.11	128	454	4.053	ug/l #	1

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

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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: VN062292.D

Acq: 1 Jul 2020 15:17

Instrument :

MSVOA_N

ClientSampleId :

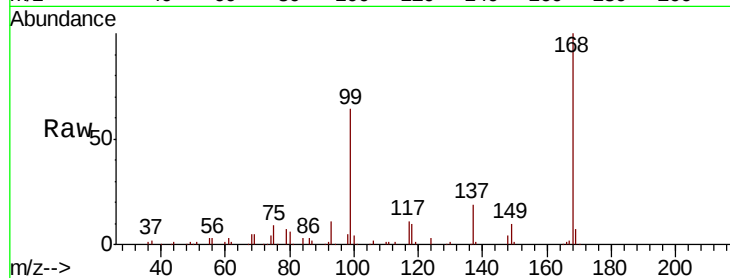
BP-MW180-FB-20200626

Tot Ion:168 Resp: 204229

Ion Ratio Lower Upper

168 100

99 64.4 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): VN062292.D (-1727) (-)

Ion 98.90 (98.60 to 99.60): VN062292.D (-1727) (-)

7.63

80000

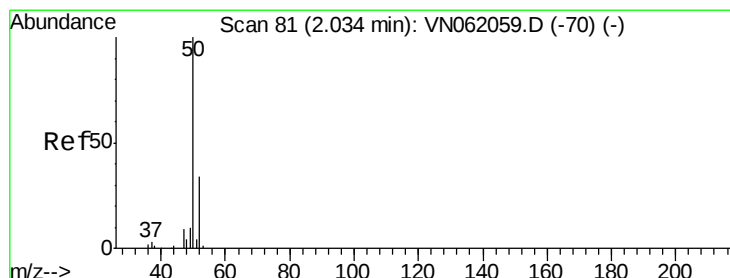
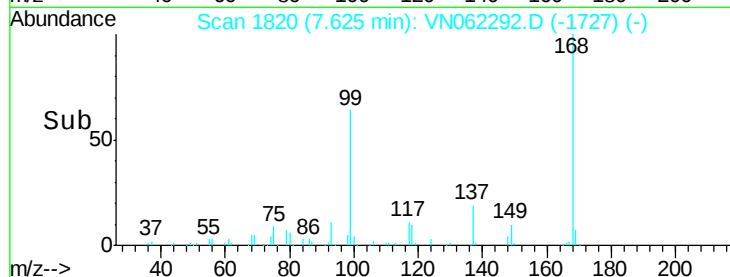
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#3

Chloromethane

Concen: Below Cal

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062292.D

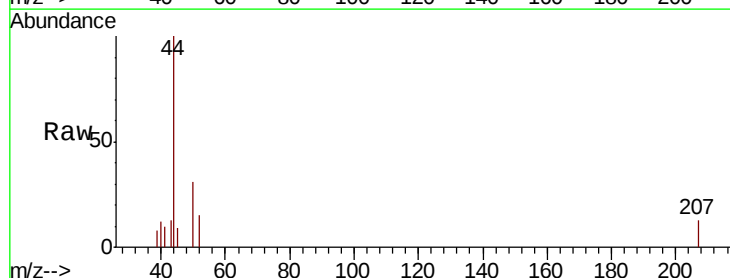
Acq: 1 Jul 2020 15:17

Tgt Ion: 50 Resp: 906

Ion Ratio Lower Upper

50 100

52 47.2 27.0 40.6#



Abundance Ion 49.90 (49.60 to 50.60): VN062292.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN062292.D (-1) (-)

2.04

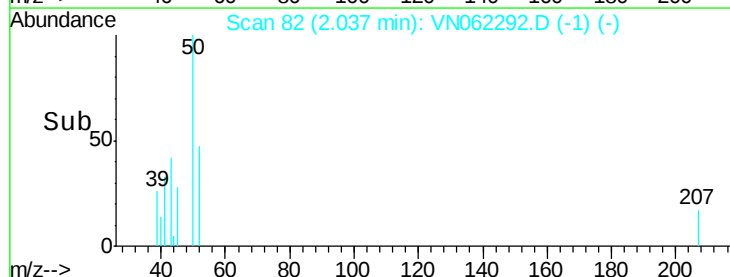
600

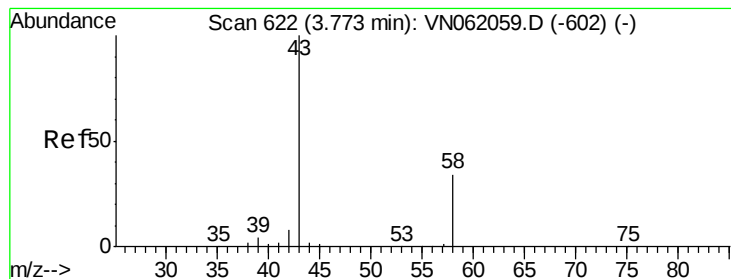
400

200

0

Time--> 2.00 2.02 2.04 2.06 2.08





#16

Acetone

Concen: Below Cal

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN062292.D

Acq: 1 Jul 2020 15:17

Instrument :

MSVOA_N

ClientSampleId :

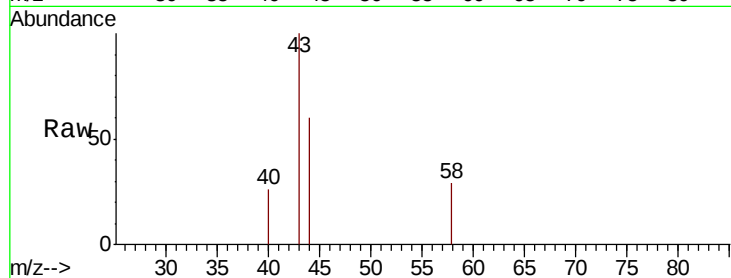
BP-MW180-FB-20200626

Tot Ion: 43 Resp: 2187

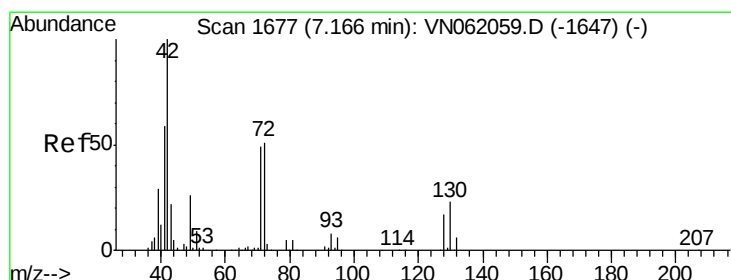
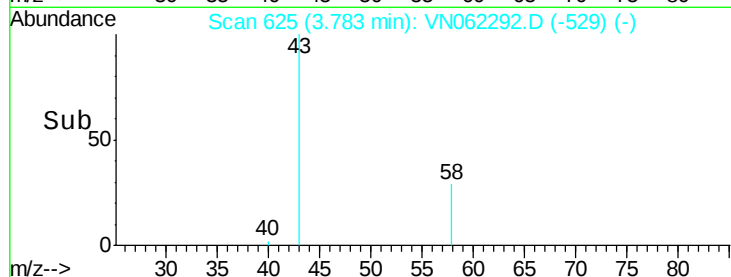
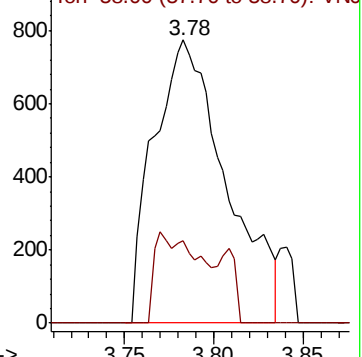
Ion Ratio Lower Upper

43 100

58 29.1 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VN062292.D (-529) (-)



#29

Tetrahydrofuran

Concen: 0.787 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. 0.01 min

Lab File: VN062292.D

Acq: 1 Jul 2020 15:17

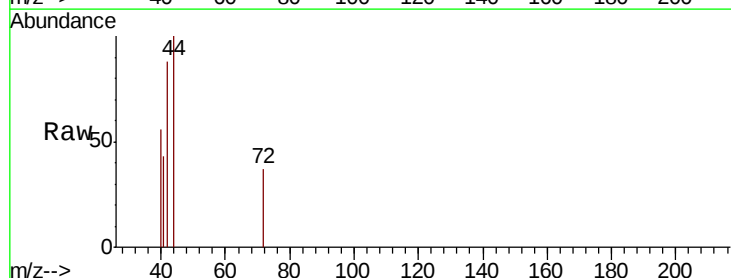
Tgt Ion: 42 Resp: 722

Ion Ratio Lower Upper

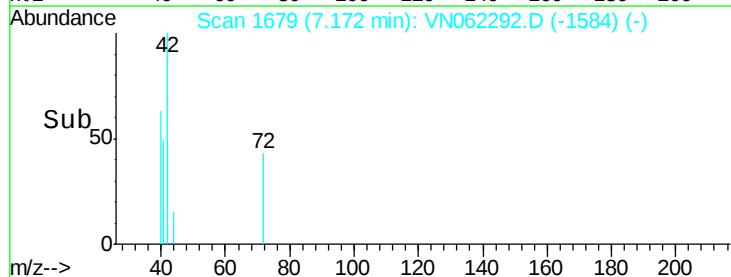
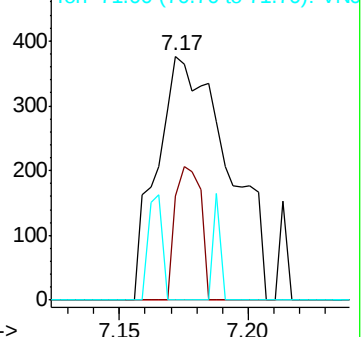
42 100

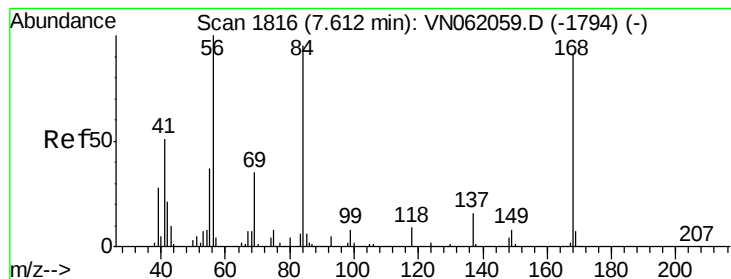
72 19.7 41.1 61.7#

71 8.4 38.2 57.4#



Abundance Ion 42.00 (41.70 to 42.70): VN062292.D (-1584) (-)





#31

Cyclohexane

Concen: 1.282 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.02 min

Lab File: VN062292.D

Acq: 1 Jul 2020 15:17

Instrument :

MSVOA_N

ClientSampleId :

BP-MW180-FB-20200626

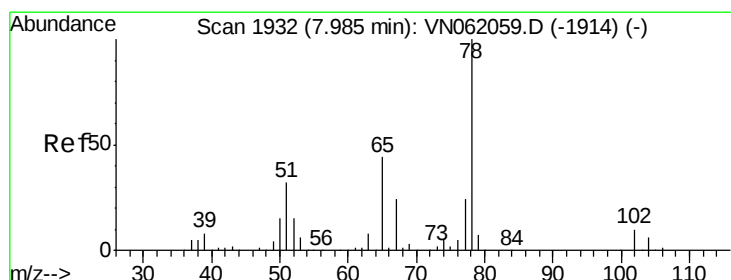
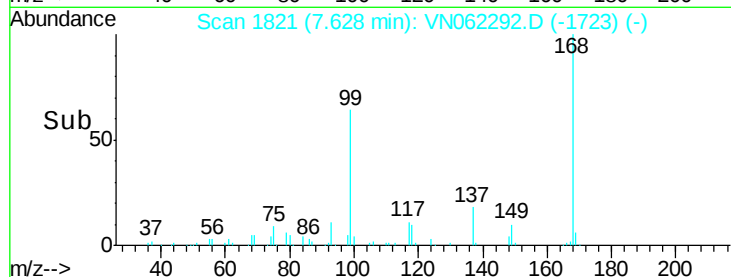
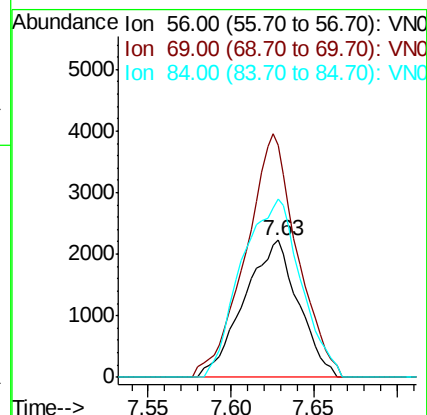
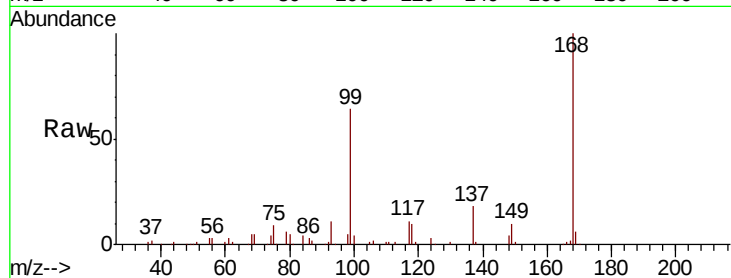
Tot Ion: 56 Resp: 5075

Ion Ratio Lower Upper

56 100

69 169.0 28.0 42.0#

84 130.3 76.1 114.1#



#33

1,2-Dichloroethane-d4

Concen: 57.035 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN062292.D

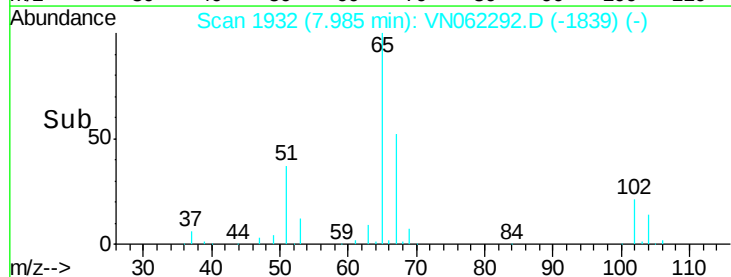
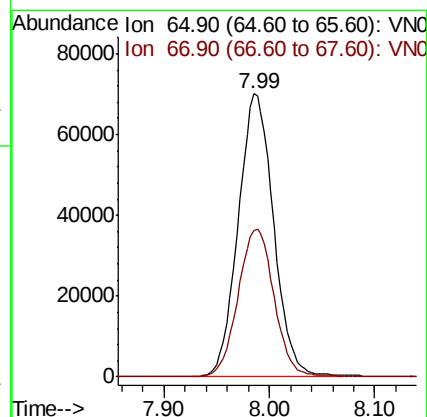
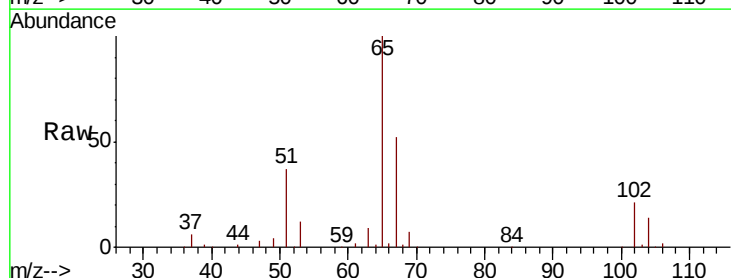
Acq: 1 Jul 2020 15:17

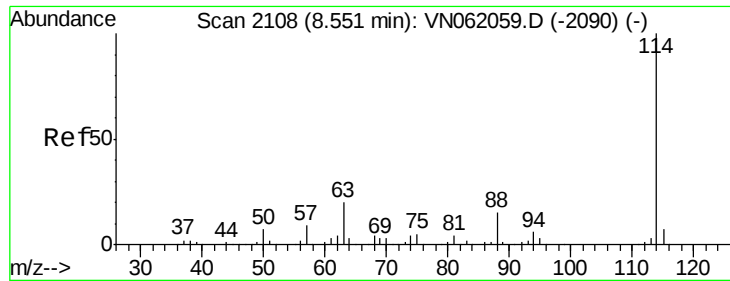
Tgt Ion: 65 Resp: 163462

Ion Ratio Lower Upper

65 100

67 53.2 0.0 106.2

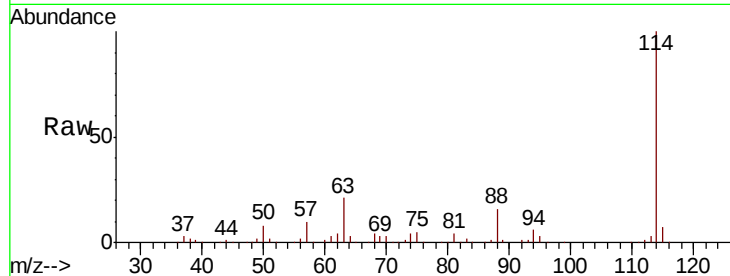




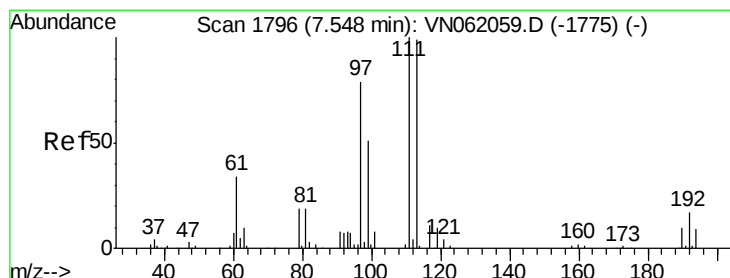
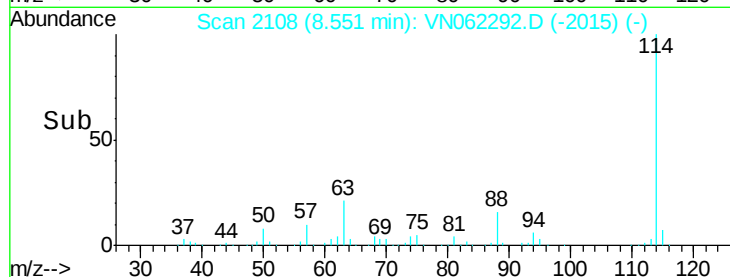
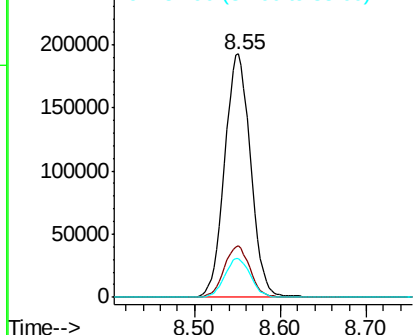
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. -0.00 min
Lab File: VN062292.D
Acq: 1 Jul 2020 15:17

Instrument :
MSVOA_N
ClientSampleId :
BP-MW180-FB-20200626

Tot Ion:114 Resp: 404666
Ion Ratio Lower Upper
114 100
63 21.0 0.0 39.2
88 15.9 0.0 30.8

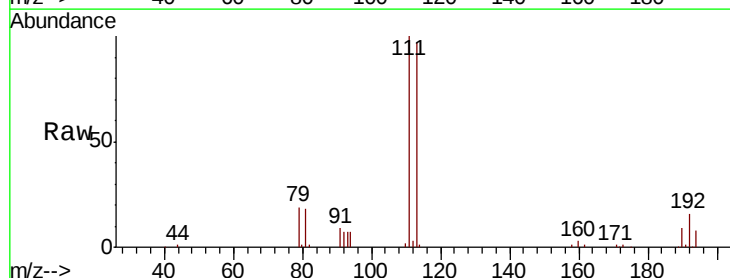


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

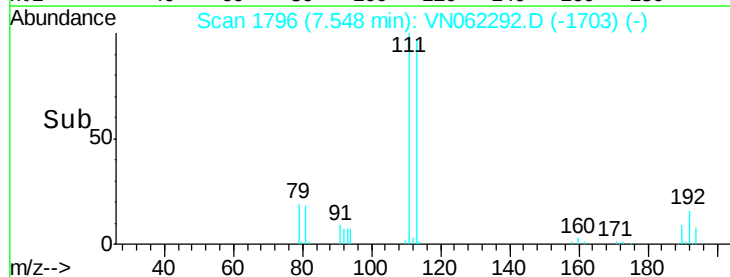
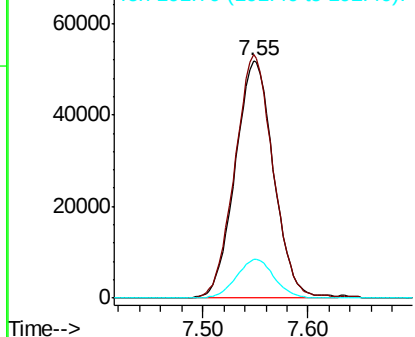


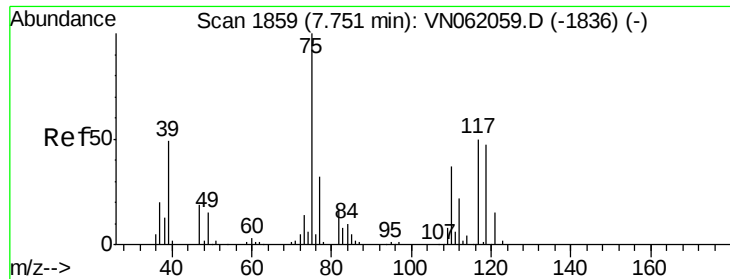
#35
Dibromofluoromethane
Concen: 50.476 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN062292.D
Acq: 1 Jul 2020 15:17

Tgt Ion:113 Resp: 131043
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.4
192 16.3 14.0 21.0



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

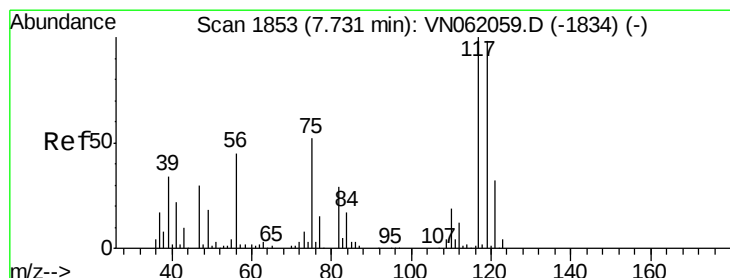
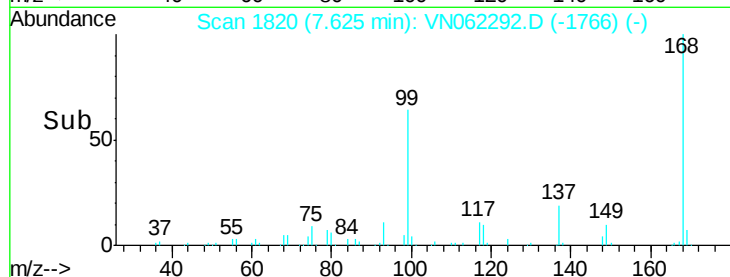
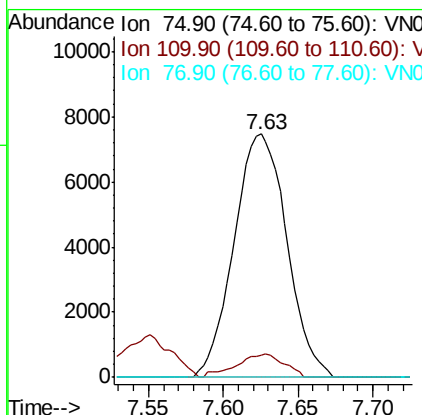
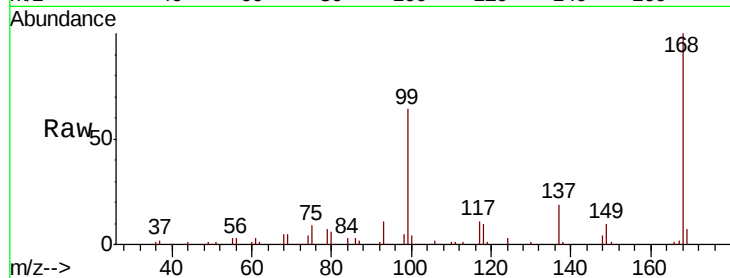




#36
 1,1-Dichloropropene
 Concen: 4.514 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.13 min
 Lab File: VN062292.D
 Acq: 1 Jul 2020 15:17

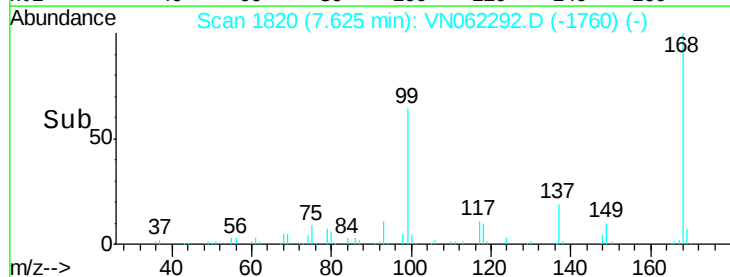
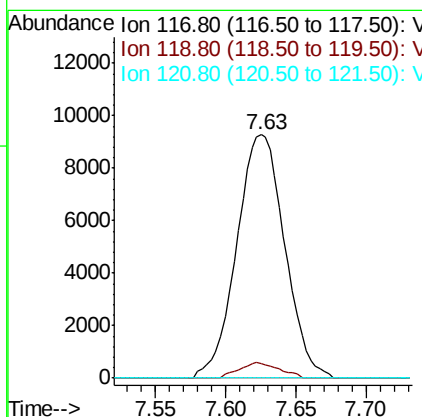
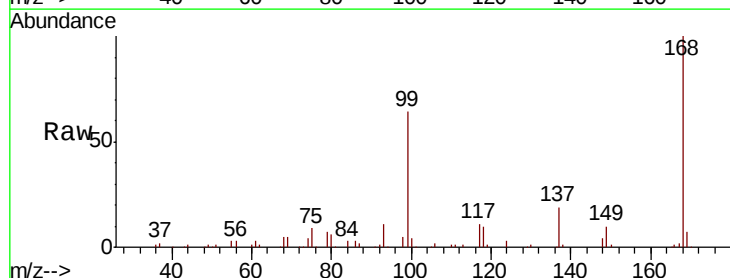
Instrument :
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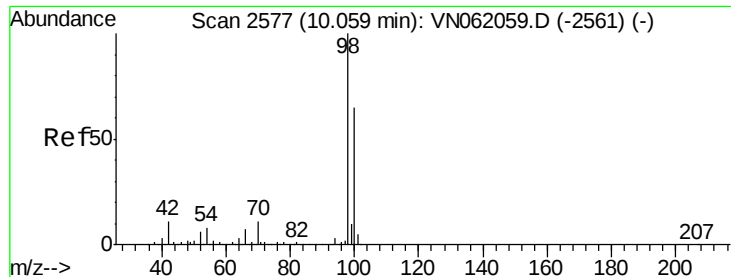
Tot Ion	75	Resp	18360
Ion Ratio	100	Lower	Upper
110	8.6	17.9	53.8#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 5.754 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.11 min
 Lab File: VN062292.D
 Acq: 1 Jul 2020 15:17

Tgt Ion	117	Resp	22065
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
119	6.1	78.2	117.2#
121	0.0	25.8	38.6#





#50

Toluene-d8

Concen: 50.775 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062292.D

Acq: 1 Jul 2020 15:17

Instrument :

MSVOA_N

ClientSampleId :

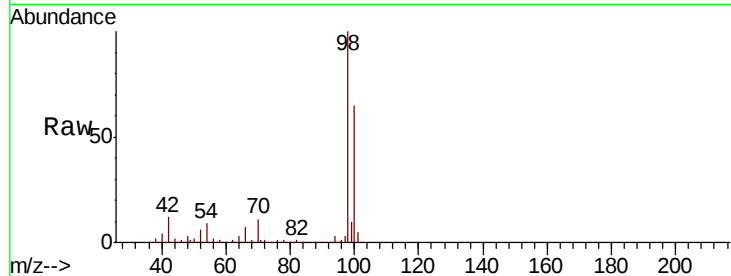
BP-MW180-FB-20200626

Tot Ion: 98 Resp: 526919

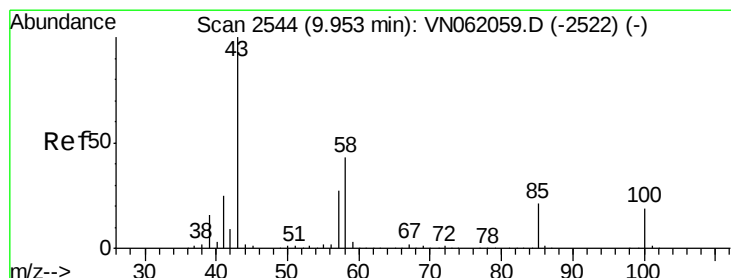
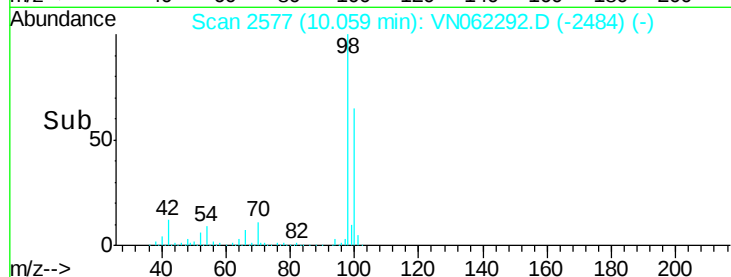
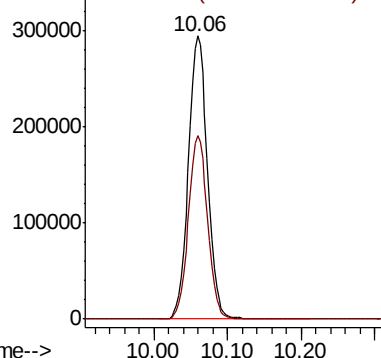
Ion Ratio Lower Upper

98 100

100 65.2 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN062059.D (-2561) (-)



#51

4-Methyl-2-Pentanone

Concen: 0.823 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. 0.11 min

Lab File: VN062292.D

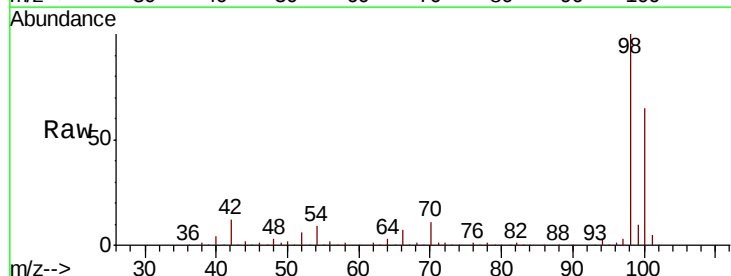
Acq: 1 Jul 2020 15:17

Tgt Ion: 43 Resp: 2641

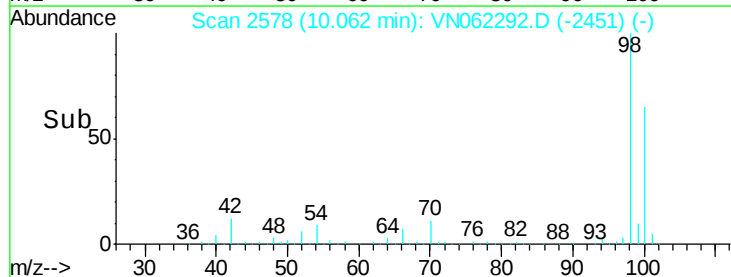
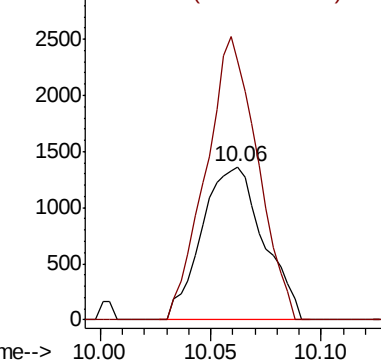
Ion Ratio Lower Upper

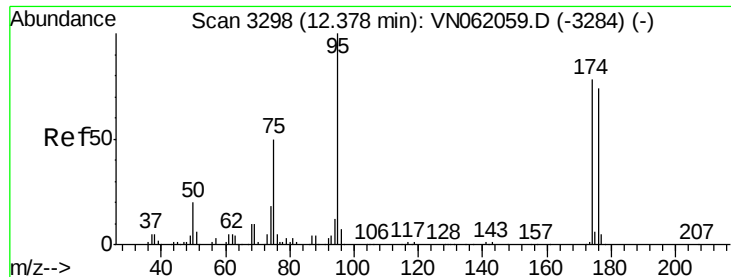
43 100

58 155.3 34.2 51.2#



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-2522) (-)

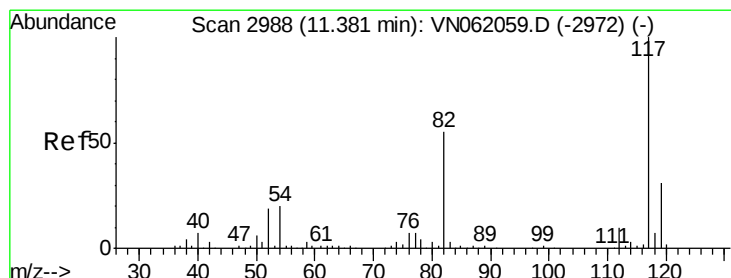
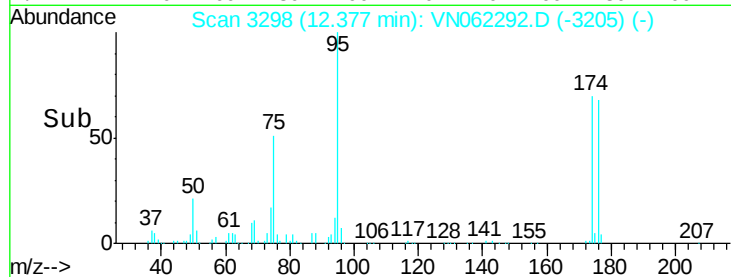
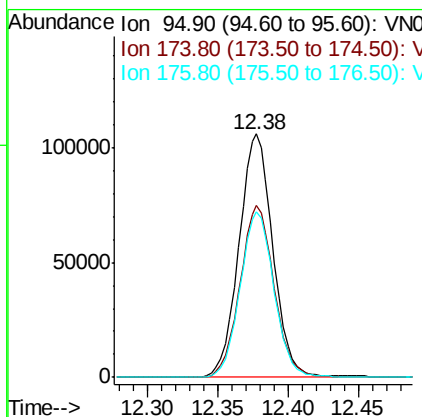
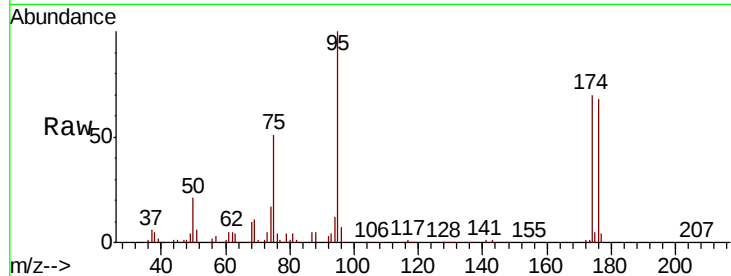




#62
4-Bromofluorobenzene
Concen: 50.802 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062292.D
Acq: 1 Jul 2020 15:17

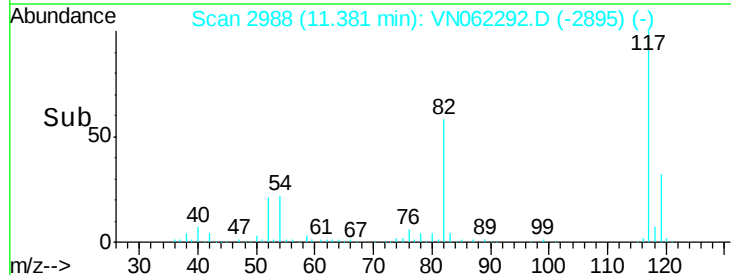
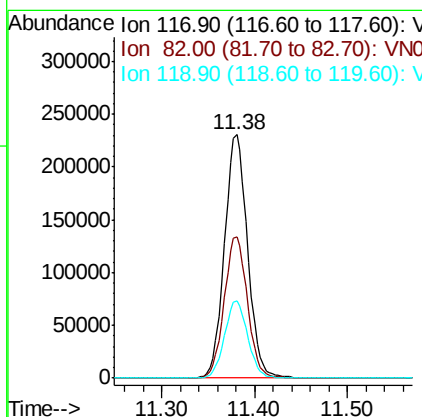
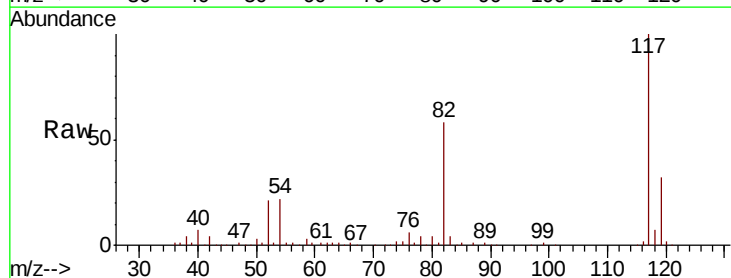
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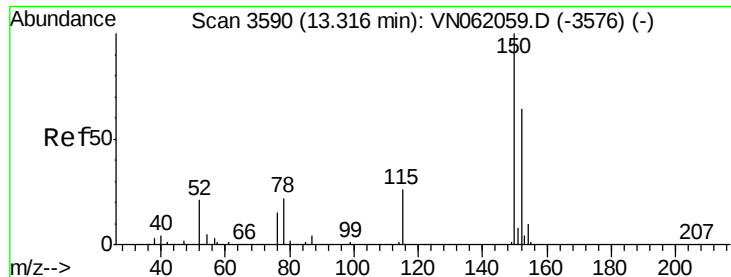
Tot Ion: 95 Resp: 178120
Ion Ratio Lower Upper
95 100
174 71.2 0.0 154.8
176 68.3 0.0 147.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062292.D
Acq: 1 Jul 2020 15:17

Tgt Ion: 117 Resp: 398071
Ion Ratio Lower Upper
117 100
82 58.1 43.8 65.8
119 31.6 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: VN062292.D

Acq: 1 Jul 2020 15:17

Instrument :

MSVOA_N

ClientSampleId :

BP-MW180-FB-20200626

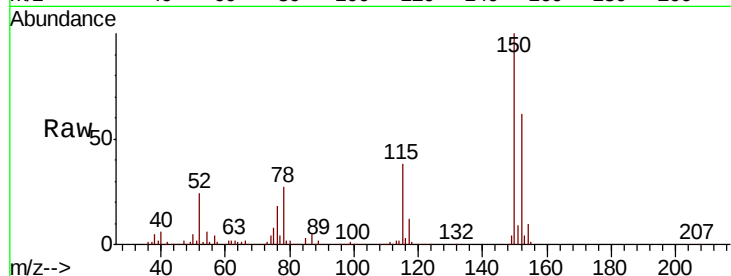
Tot Ion:152 Resp: 150291

Ion Ratio Lower Upper

152 100

115 60.9 29.5 88.5

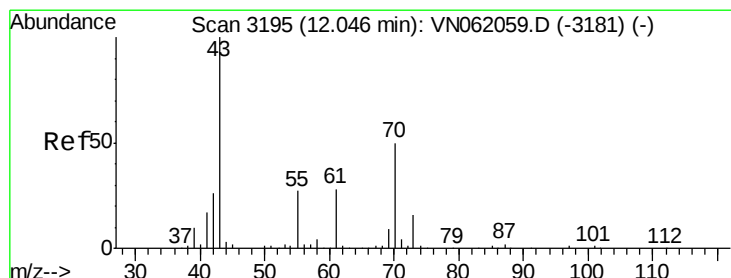
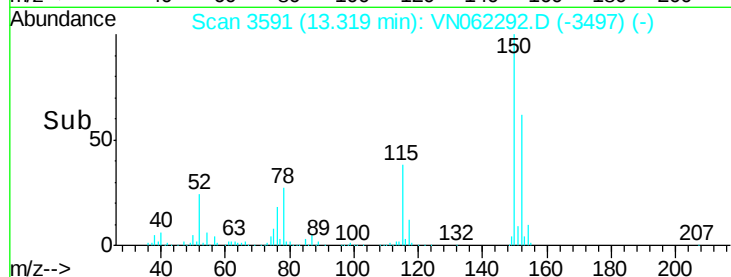
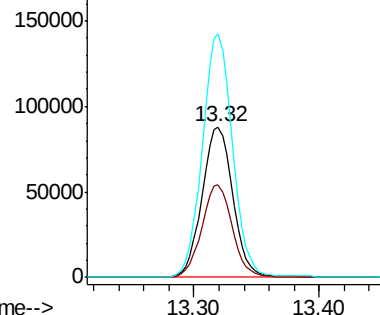
150 158.0 0.0 351.4



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



#74

N-ethyl acetate

Concen: 3.391 ug/l

RT: 12.04 min Scan# 3193

Delta R.T. -0.01 min

Lab File: VN062292.D

Acq: 1 Jul 2020 15:17

Tgt Ion: 43 Resp: 221

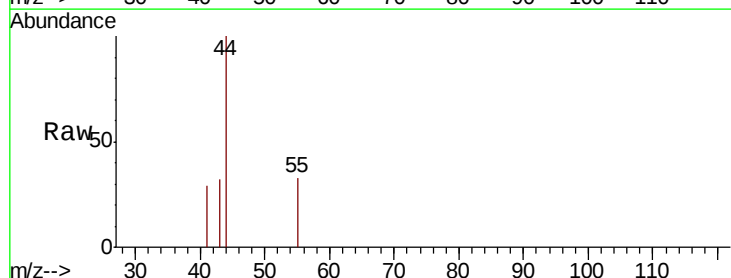
Ion Ratio Lower Upper

43 100

70 0.0 39.4 59.2#

55 45.7 21.7 32.5#

61 0.0 21.3 31.9#

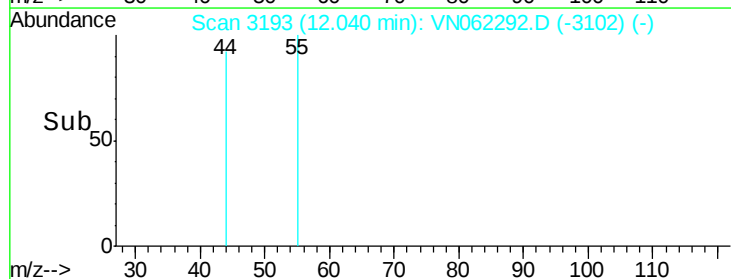
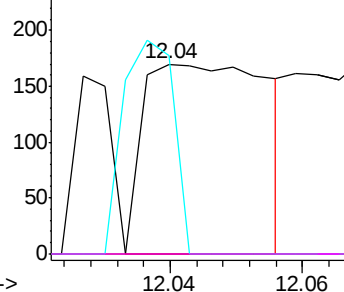


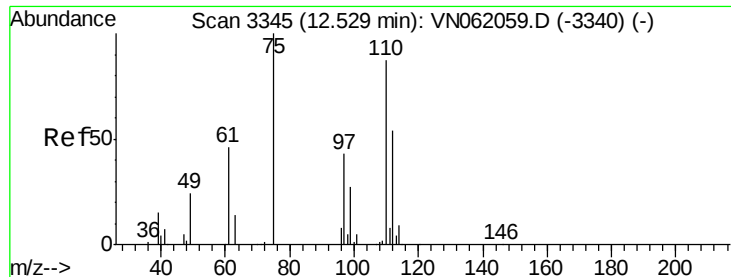
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#76

1,2,3-Trichloropropane

Concen: 26.095 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN062292.D

Acq: 1 Jul 2020 15:17

Instrument :

MSVOA_N

ClientSampleId :

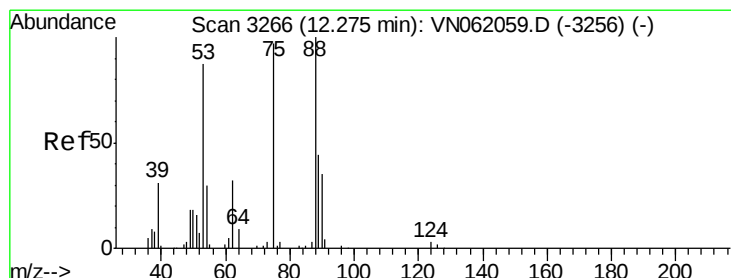
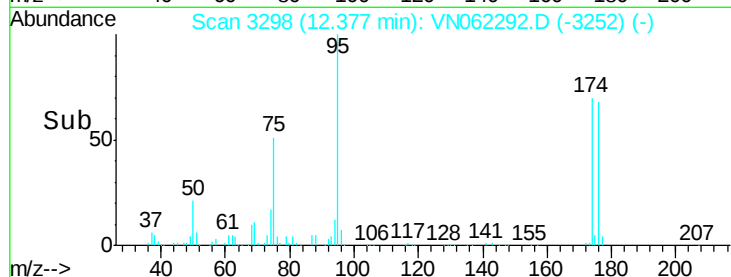
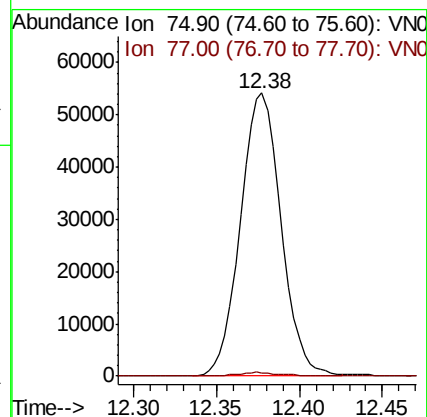
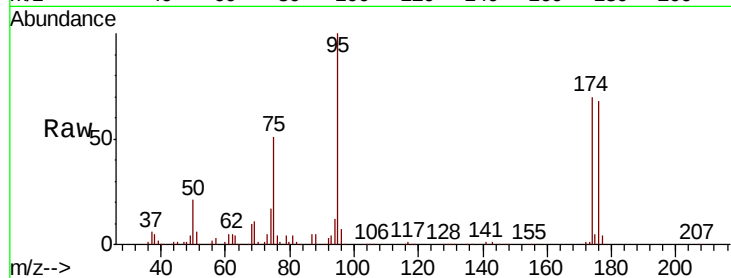
BP-MW180-FB-20200626

Tot Ion: 75 Resp: 92323

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 76.207 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN062292.D

Acq: 1 Jul 2020 15:17

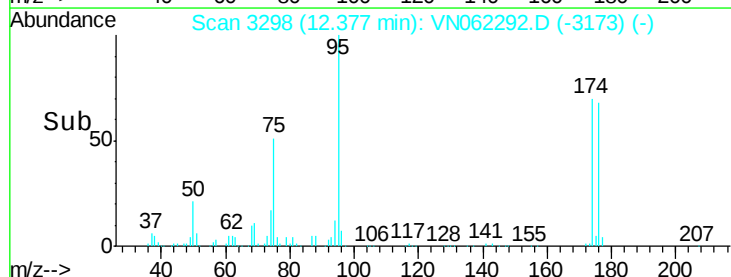
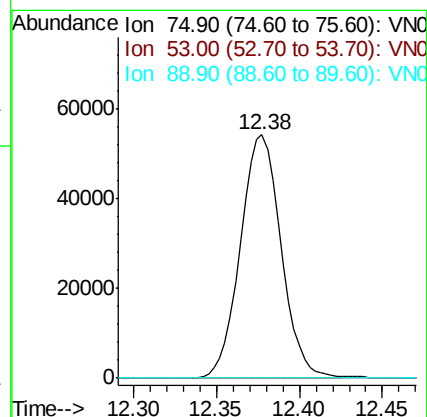
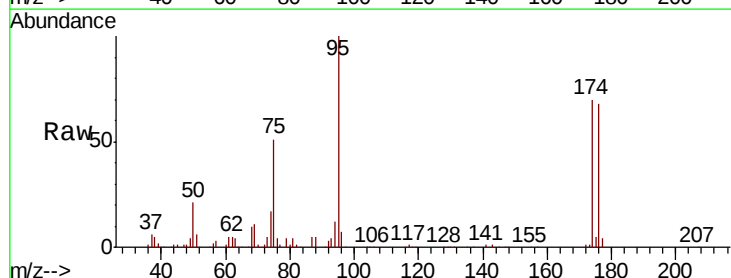
Tgt Ion: 75 Resp: 92323

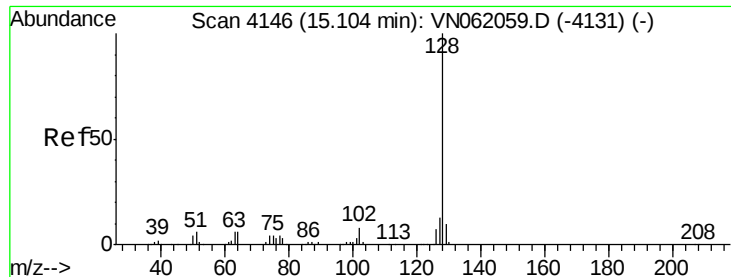
Ion Ratio Lower Upper

75 100

53 0.0 72.0 108.0#

89 0.0 36.9 55.3#

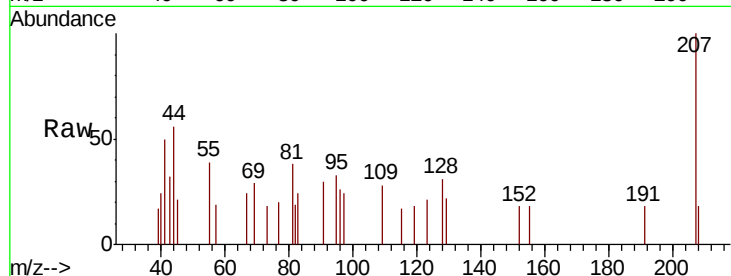




#95
Naphthalene
Concen: 4.053 ug/l
RT: 15.11 min Scan# 4148
Delta R.T. 0.01 min
Lab File: VN062292.D
Acq: 1 Jul 2020 15:17

Instrument :
MSVOA_N
ClientSampleId :
BP-MW180-FB-20200626

Tot Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
129	81.5	8.6	13.0#



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

