

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070120\
 Data File : VN062291.D
 Acq On : 1 Jul 2020 14:53
 Operator : JC/MD
 Sample : L3151-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Jul 02 06:53:27 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	196232	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	391200	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	388193	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	149171	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	159448	57.90	ug/l	0.00
Spiked Amount			Recovery	=	115.80%	
35) Dibromofluoromethane	7.55	113	125488	50.00	ug/l	0.00
Spiked Amount			Recovery	=	100.00%	
50) Toluene-d8	10.06	98	508642	50.70	ug/l	0.00
Spiked Amount			Recovery	=	101.40%	
62) 4-Bromofluorobenzene	12.38	95	176757	52.15	ug/l	0.00
Spiked Amount			Recovery	=	104.30%	

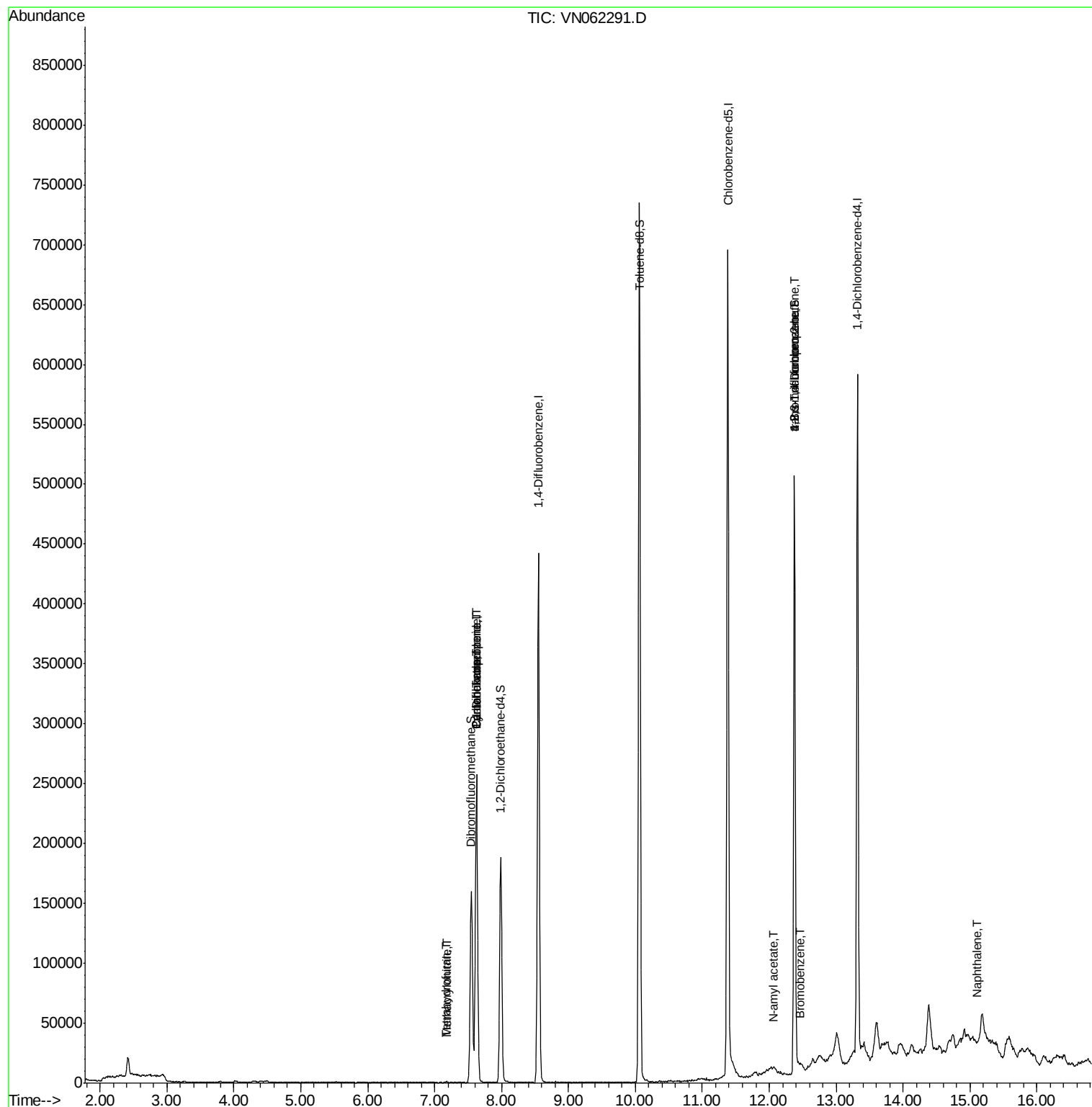
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	1098	Below Cal	#	86
16) Acetone	3.78	43	705	Below Cal	#	40
20) Methylene Chloride	4.49	84	423	Below Cal	#	58
29) Tetrahydrofuran	7.16	42	264	0.299	ug/l #	28
31) Cyclohexane	7.62	56	5012	1.317	ug/l #	23
36) 1,1-Dichloropropene	7.63	75	17600	4.476	ug/l #	47
38) Carbon Tetrachloride	7.63	117	20543	5.541	ug/l #	17
41) Methacrylonitrile	7.19	41	309	0.205	ug/l #	29
74) N-amyl acetate	12.06	43	129	3.371	ug/l #	38
76) 1,2,3-Trichloropropane	12.38	75	91469	26.048	ug/l #	100
77) Bromobenzene	12.46	156	659	0.230	ug/l #	10
81) trans-1,4-Dichloro-2-buten	12.38	75	91469	76.069	ug/l #	13
95) Naphthalene	15.11	128	196	4.020	ug/l #	1

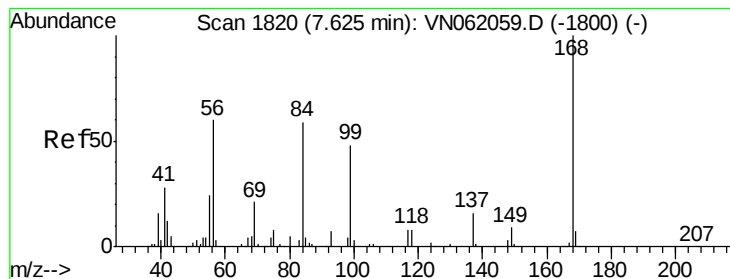
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN070120\
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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: VN062291.D

Acq: 1 Jul 2020 14:53

Instrument :

MSVOA_N

ClientSampleId :

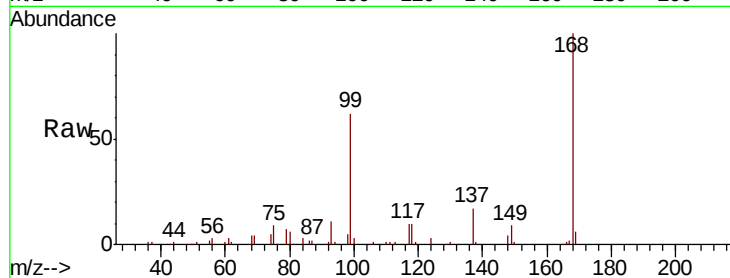
BP-MW180-EB-20200626

Tot Ion:168 Resp: 196232

Ion Ratio Lower Upper

168 100

99 62.2 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

80000

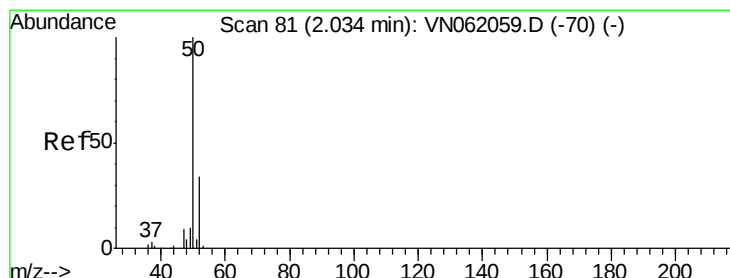
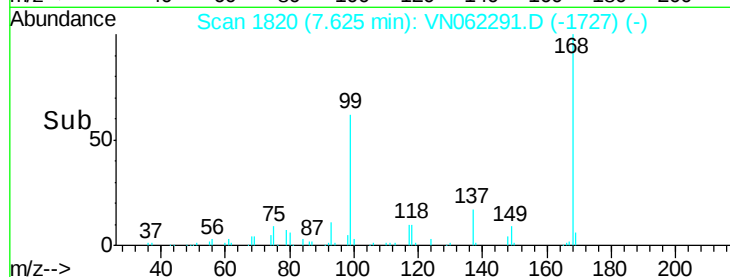
60000

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: VN062291.D

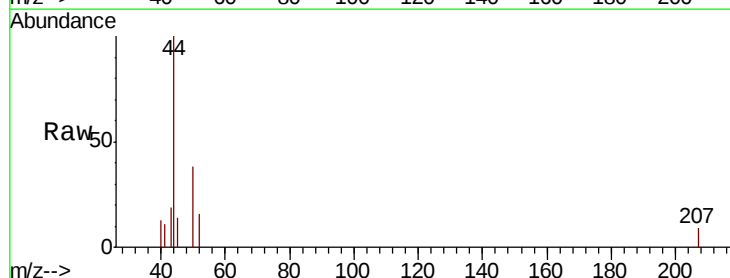
Acq: 1 Jul 2020 14:53

Tgt Ion: 50 Resp: 1098

Ion Ratio Lower Upper

50 100

52 41.9 27.0 40.6#



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.04

800

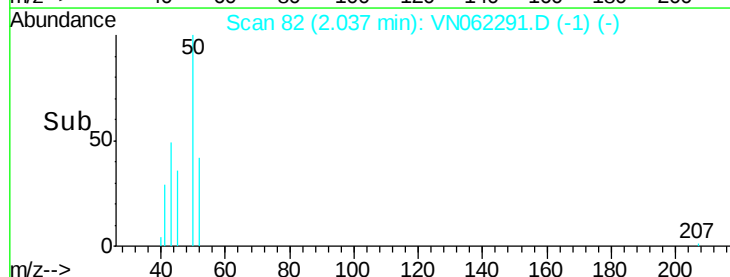
600

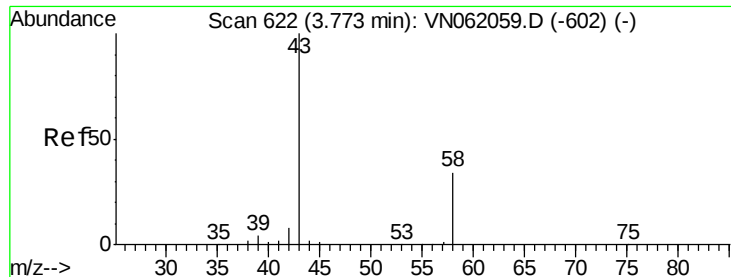
400

200

0

Time--> 2.00 2.05





#16

Acetone

Concen: Below Cal

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN062291.D

Acq: 1 Jul 2020 14:53

Instrument :

MSVOA_N

ClientSampleId :

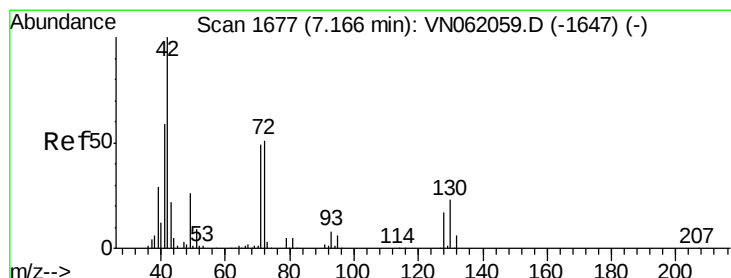
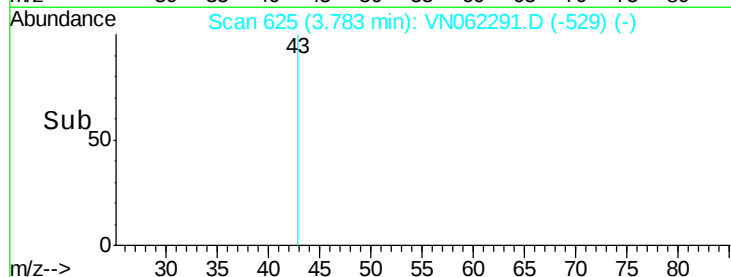
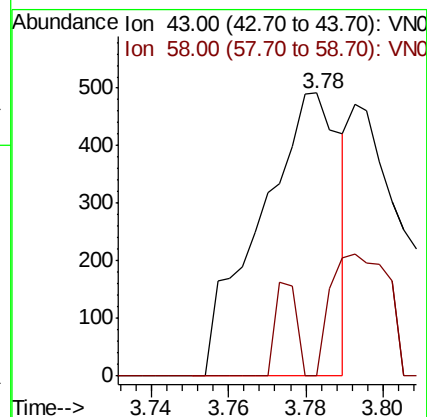
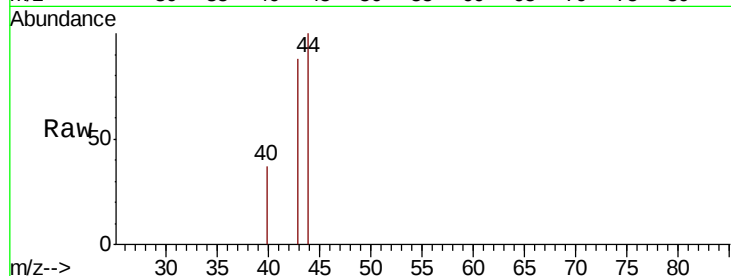
BP-MW180-EB-20200626

Tot Ion: 43 Resp: 705

Ion Ratio Lower Upper

43 100

58 0.0 27.5 41.3#



#29

Tetrahydrofuran

Concen: 0.299 ug/l

RT: 7.16 min Scan# 1675

Delta R.T. -0.01 min

Lab File: VN062291.D

Acq: 1 Jul 2020 14:53

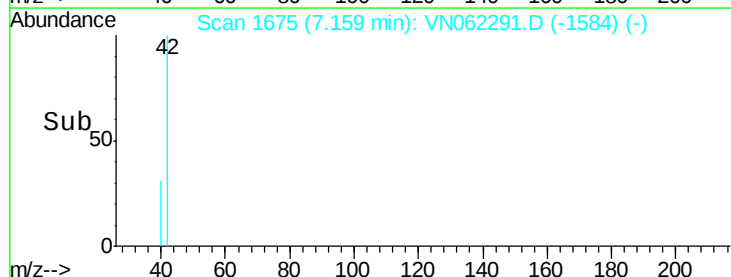
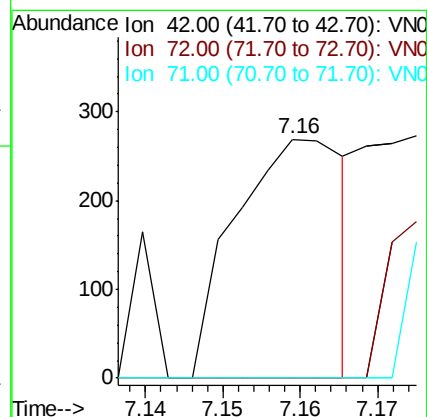
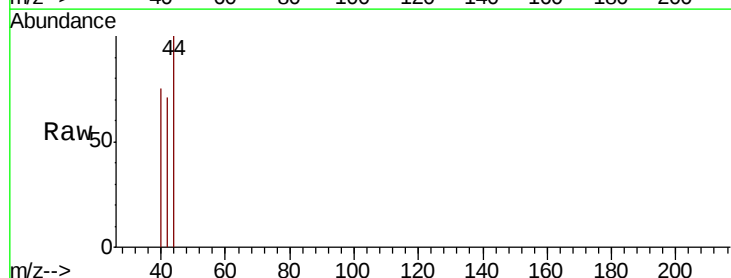
Tgt Ion: 42 Resp: 264

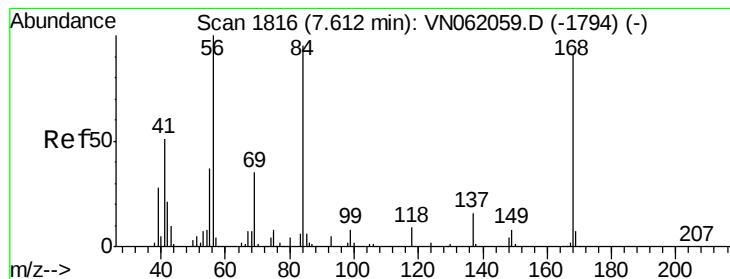
Ion Ratio Lower Upper

42 100

72 0.0 41.1 61.7#

71 0.0 38.2 57.4#





#31

Cyclohexane

Concen: 1.317 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VN062291.D

Acq: 1 Jul 2020 14:53

Instrument :

MSVOA_N

ClientSampleId :

BP-MW180-EB-20200626

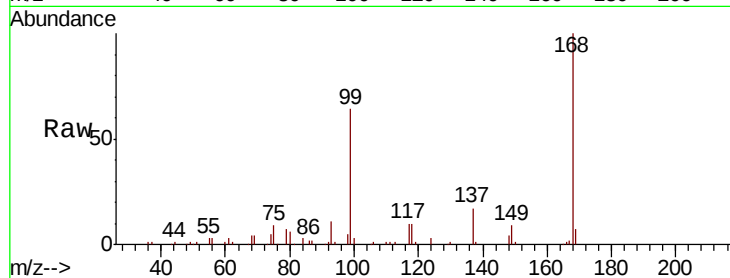
Tot Ion: 56 Resp: 5012

Ion Ratio Lower Upper

56 100

69 152.6 28.0 42.0#

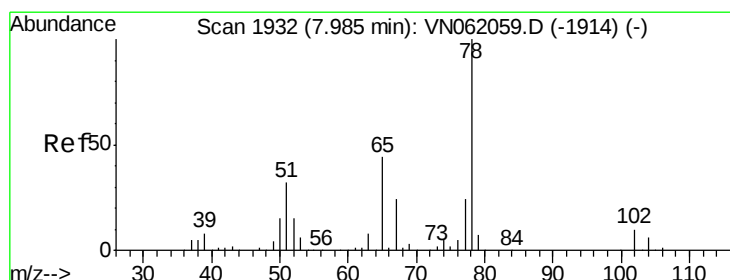
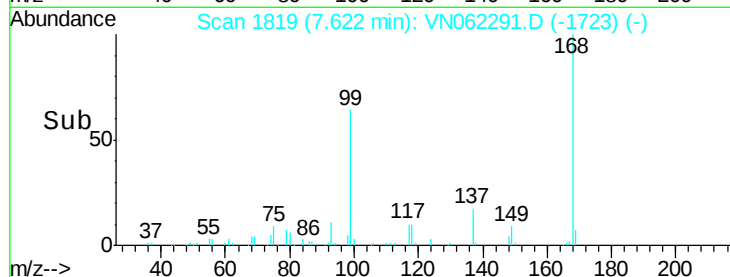
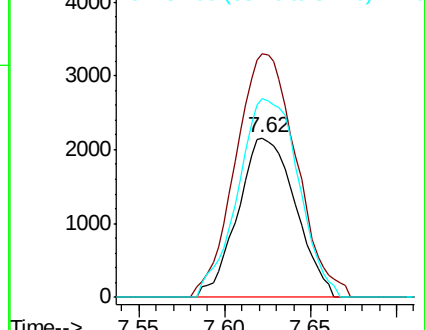
84 124.6 76.1 114.1#



Abundance Ion 56.00 (55.70 to 56.70): VN062059.D (-1794) (-)

Ion 69.00 (68.70 to 69.70): VN062059.D (-1794) (-)

Ion 84.00 (83.70 to 84.70): VN062059.D (-1794) (-)



#33

1,2-Dichloroethane-d4

Concen: 57.901 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062291.D

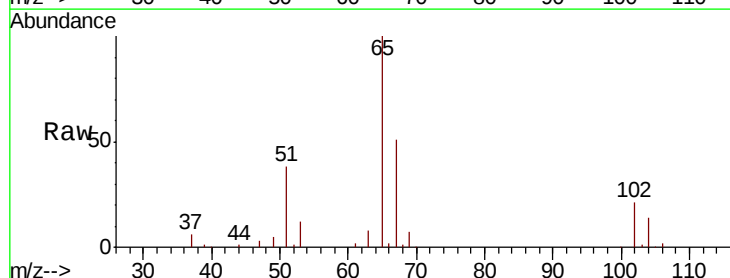
Acq: 1 Jul 2020 14:53

Tgt Ion: 65 Resp: 159448

Ion Ratio Lower Upper

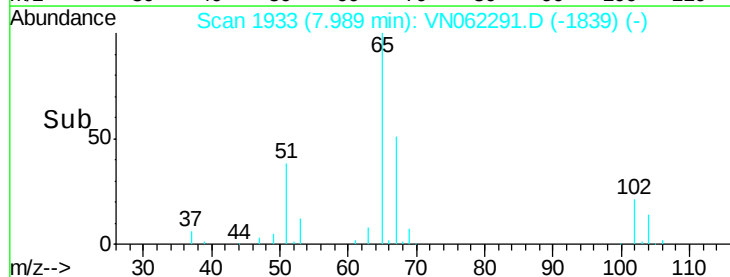
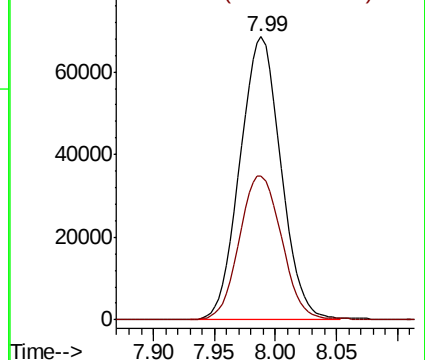
65 100

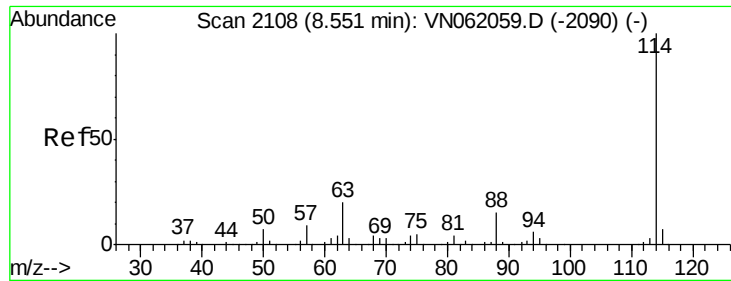
67 52.6 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN062059.D (-1914) (-)

Ion 66.90 (66.60 to 67.60): VN062059.D (-1914) (-)

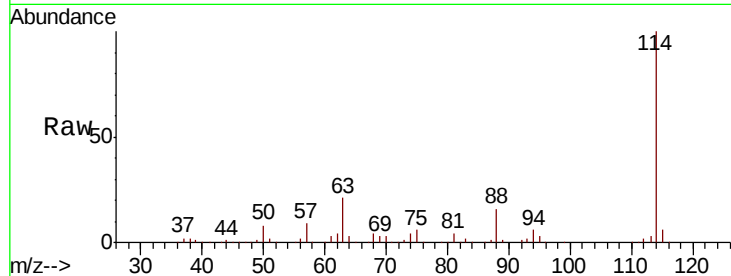




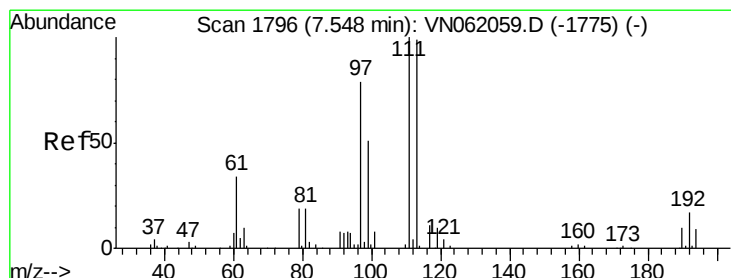
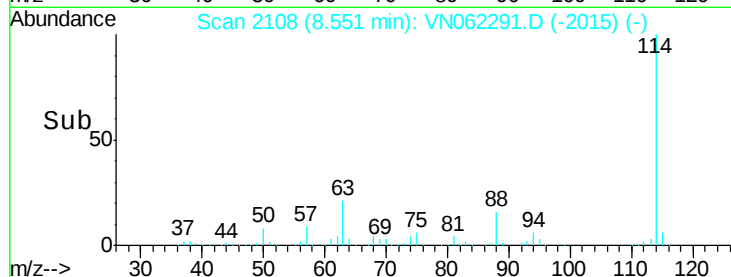
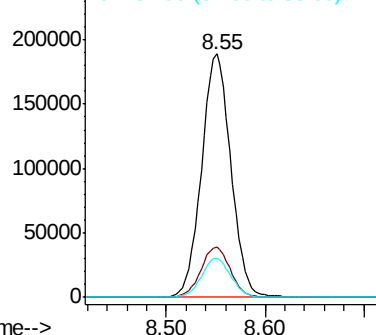
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062291.D
 Acq: 1 Jul 2020 14:53

Instrument :
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 BP-MW180-EB-20200626

Tot Ion:114 Resp: 391200
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 39.2
 88 16.2 0.0 30.8

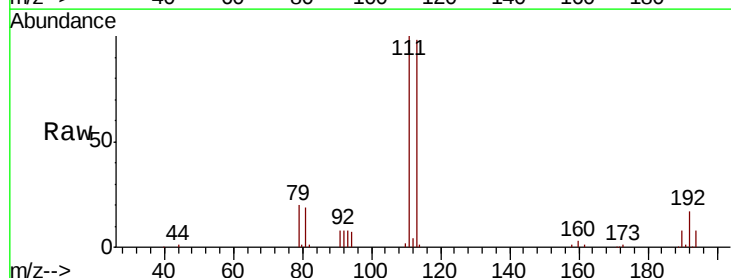


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

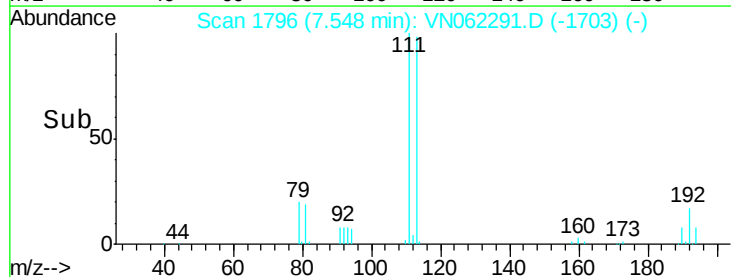
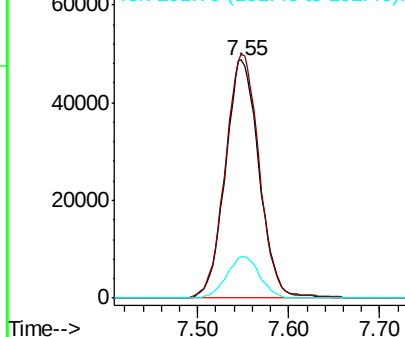


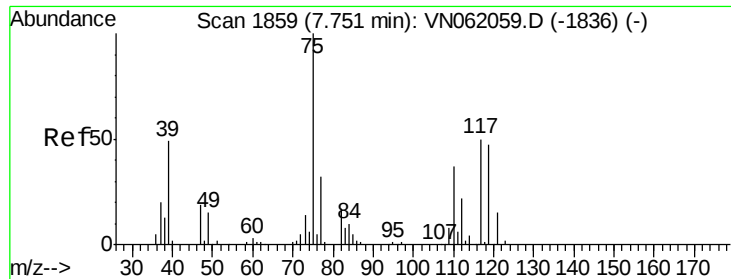
#35
 Dibromofluoromethane
 Concen: 50.001 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062291.D
 Acq: 1 Jul 2020 14:53

Tgt Ion:113 Resp: 125488
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.2 123.4
 192 17.1 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

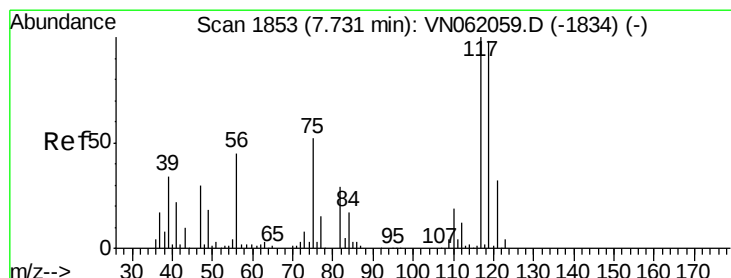
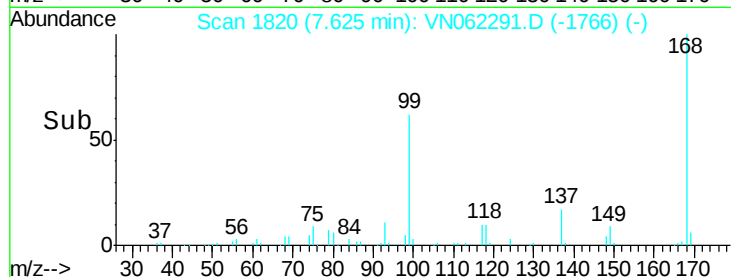
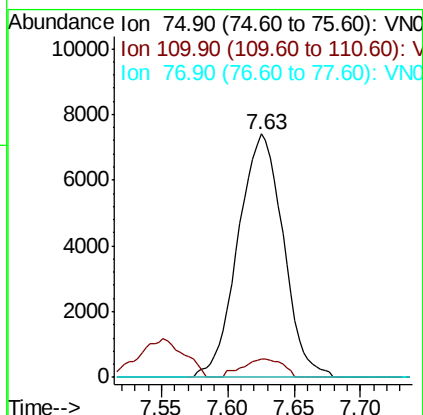
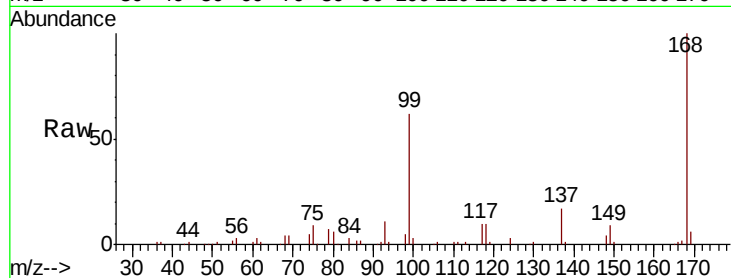




#36
 1,1-Dichloropropene
 Concen: 4.476 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.13 min
 Lab File: VN062291.D
 Acq: 1 Jul 2020 14:53

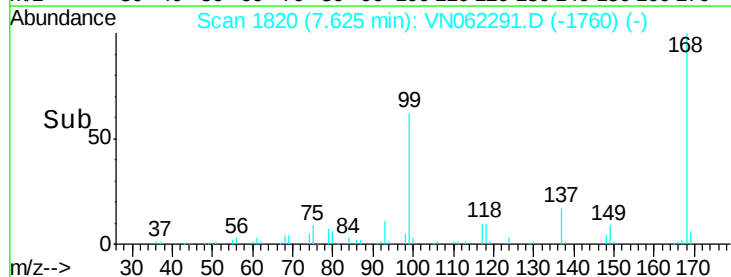
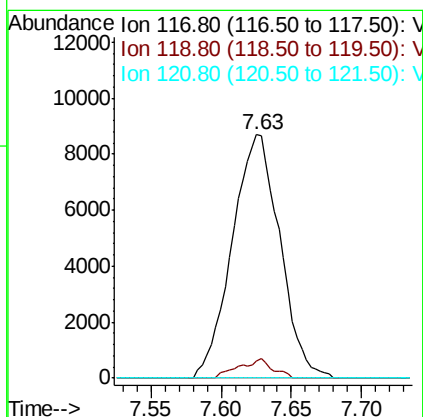
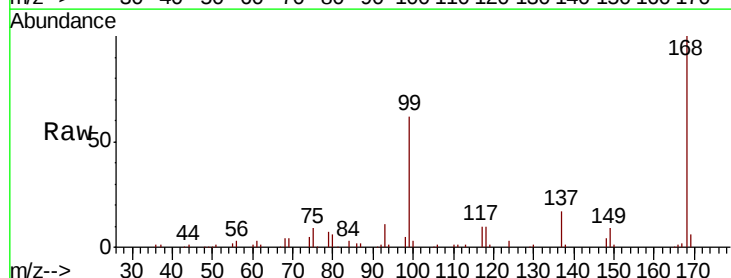
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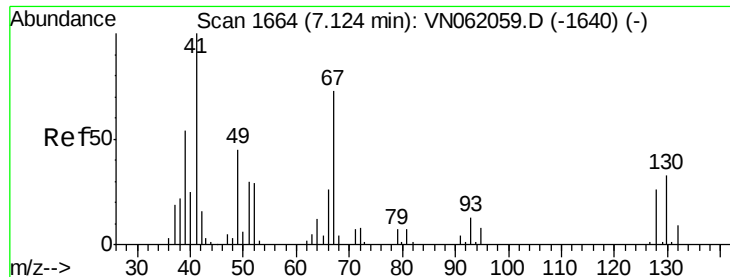
Tot Ion	75	Resp	17600
Ion Ratio	100	Lower	Upper
110	6.8	17.9	53.8#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 5.541 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.11 min
 Lab File: VN062291.D
 Acq: 1 Jul 2020 14:53

Tgt Ion	117	Resp	20543
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
119	7.0	78.2	117.2#
121	0.0	25.8	38.6#

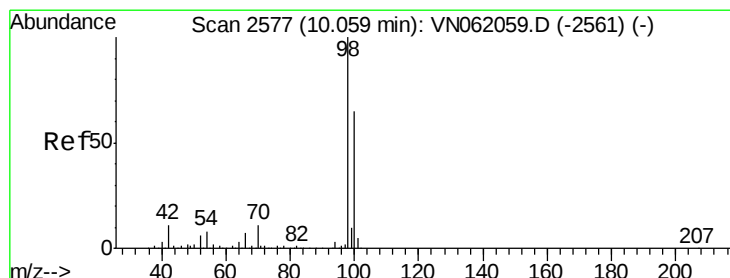
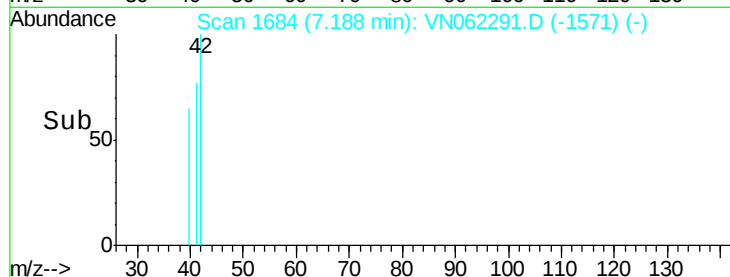
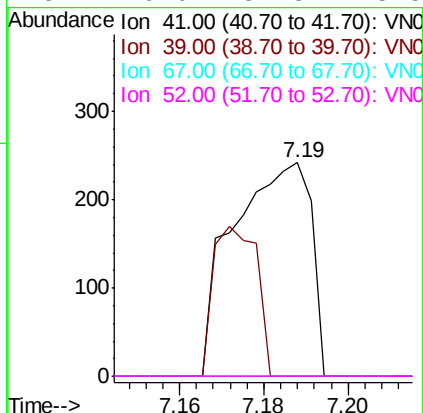
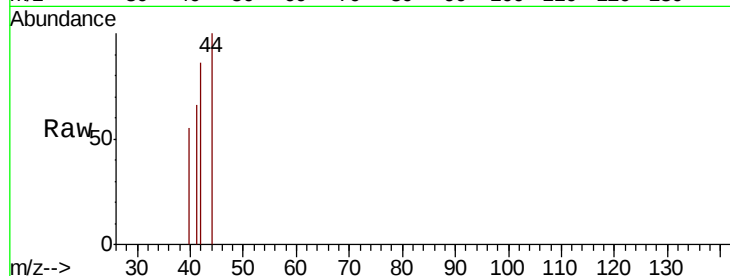




#41
Methacrylonitrile
Concen: 0.205 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.06 min
Lab File: VN062291.D
Acq: 1 Jul 2020 14:53

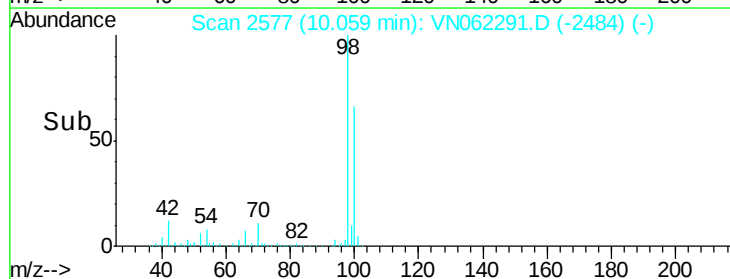
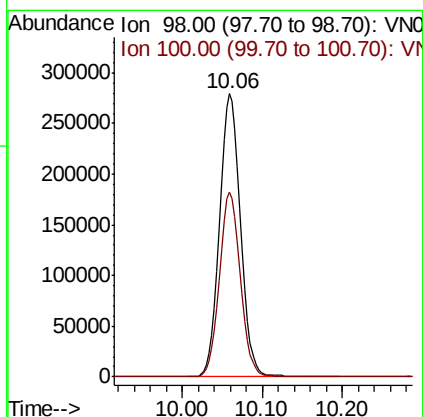
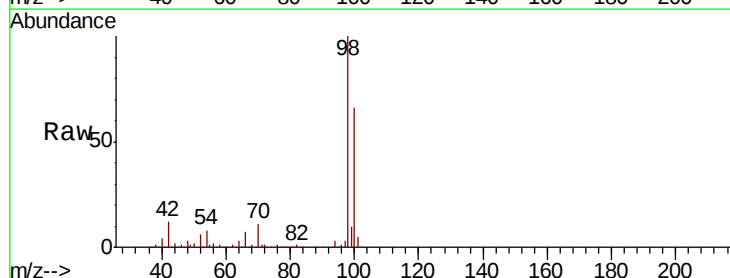
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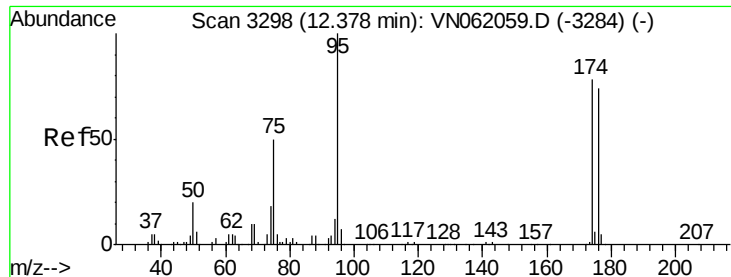
Tot Ion: 41 Resp: 309
Ion Ratio Lower Upper
41 100
39 39.2 44.2 66.2#
67 0.0 79.5 119.3#
52 0.0 32.3 48.5#



#50
Toluene-d8
Concen: 50.701 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062291.D
Acq: 1 Jul 2020 14:53

Tgt Ion: 98 Resp: 508642
Ion Ratio Lower Upper
98 100
100 65.0 51.2 76.8

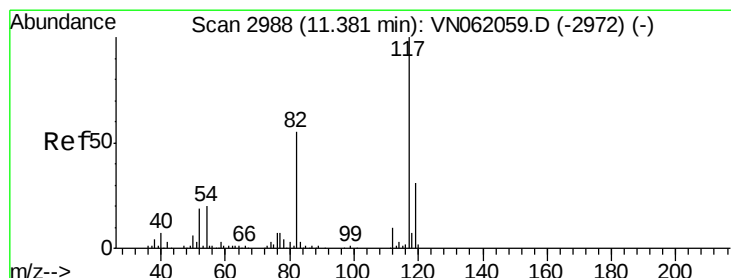
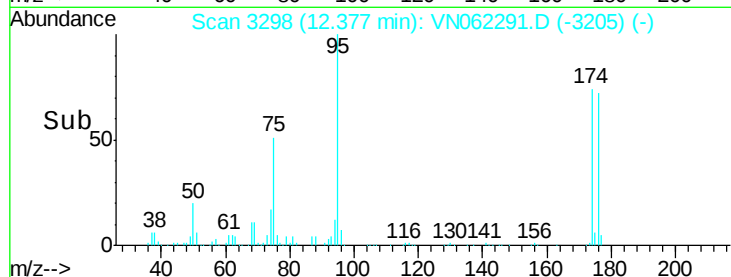
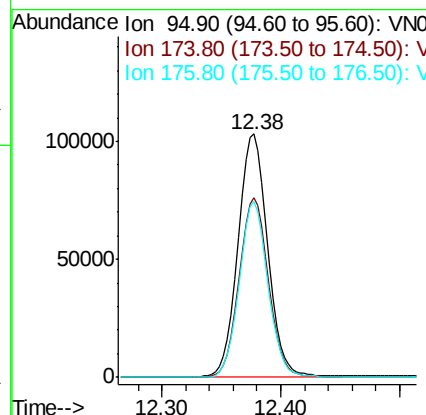
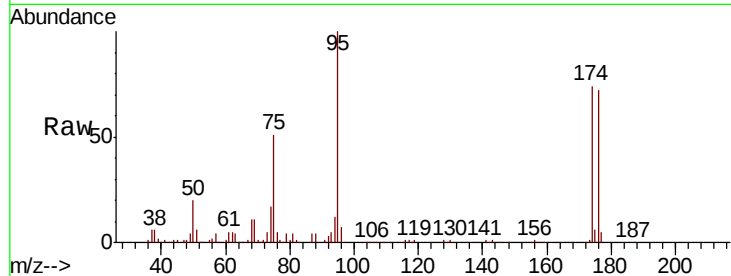




#62
4-Bromofluorobenzene
Concen: 52.149 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062291.D
Acq: 1 Jul 2020 14:53

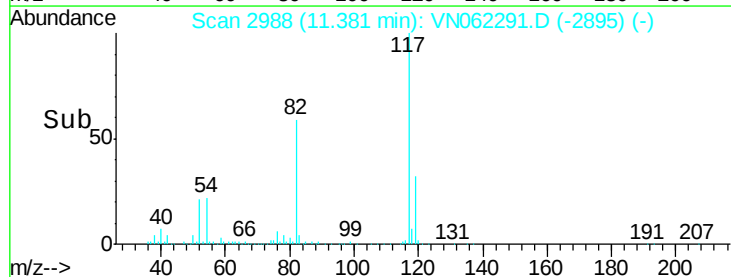
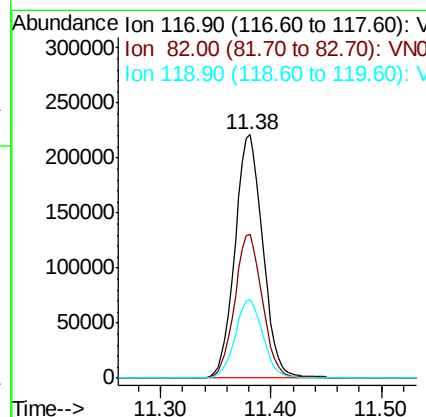
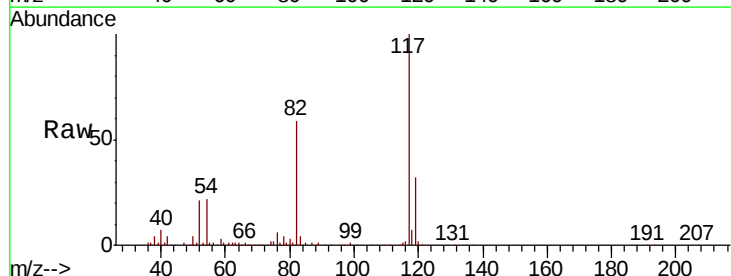
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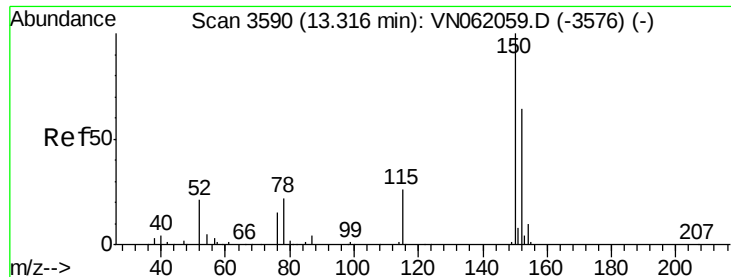
Tot Ion	95	Resp	176757
Ion Ratio	Lower	Upper	
95	100		
174	73.8	0.0	154.8
176	70.3	0.0	147.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062291.D
Acq: 1 Jul 2020 14:53

Tgt Ion	117	Resp	388193
Ion Ratio	Lower	Upper	
117	100		
82	58.9	43.8	65.8
119	32.1	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: VN062291.D

Acq: 1 Jul 2020 14:53

Instrument :

MSVOA_N

ClientSampleId :

BP-MW180-EB-20200626

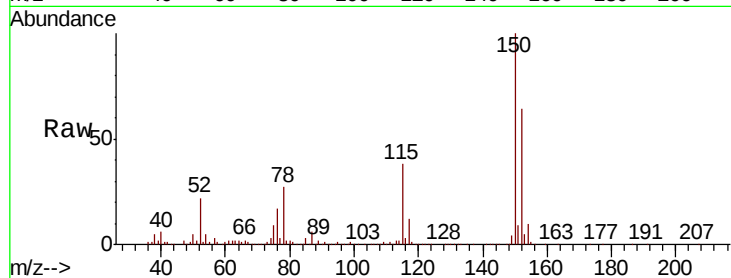
Tot Ion:152 Resp: 149171

Ion Ratio Lower Upper

152 100

115 60.3 29.5 88.5

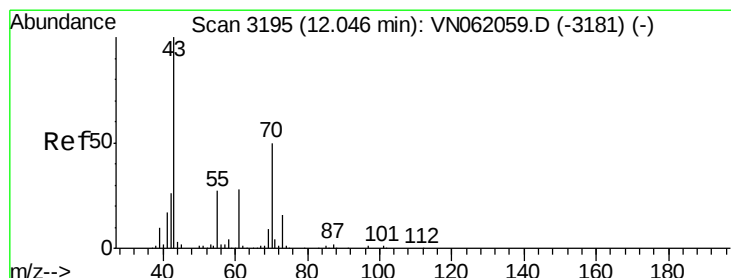
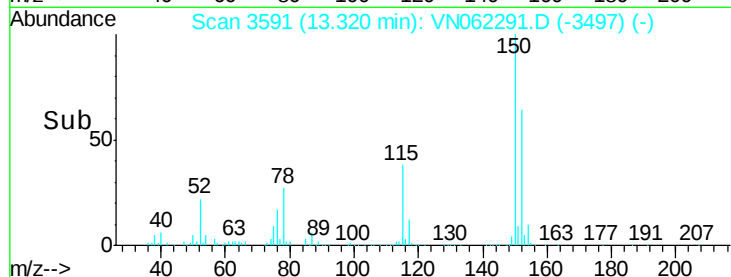
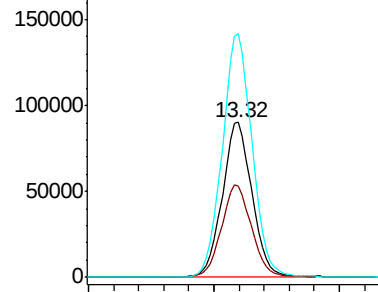
150 157.9 0.0 351.4



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: 3.371 ug/l

RT: 12.06 min Scan# 3198

Delta R.T. 0.01 min

Lab File: VN062291.D

Acq: 1 Jul 2020 14:53

Tgt Ion: 43 Resp: 129

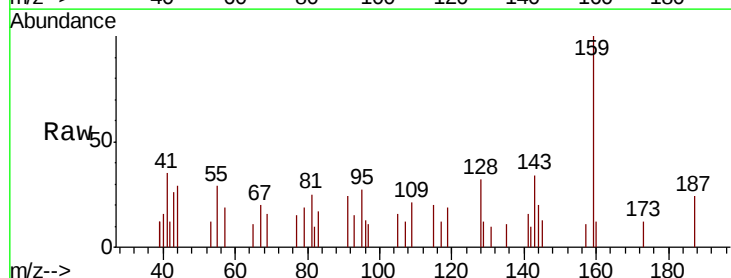
Ion Ratio Lower Upper

43 100

70 0.0 39.4 59.2#

55 0.0 21.7 32.5#

61 0.0 21.3 31.9#

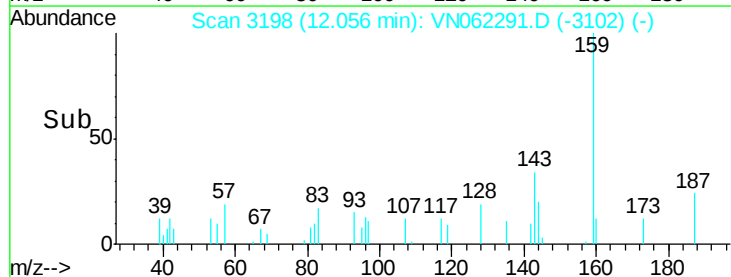
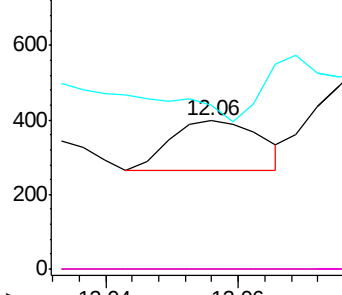


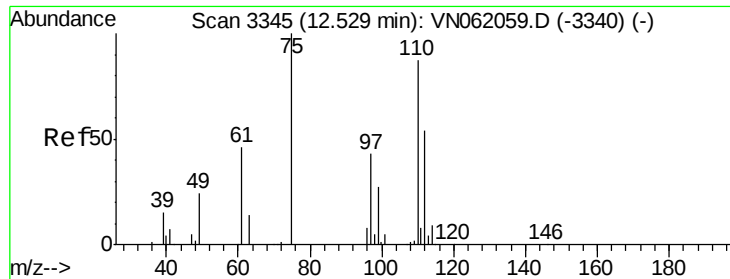
Abundance Ion 43.00 (42.70 to 43.70): VN0

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

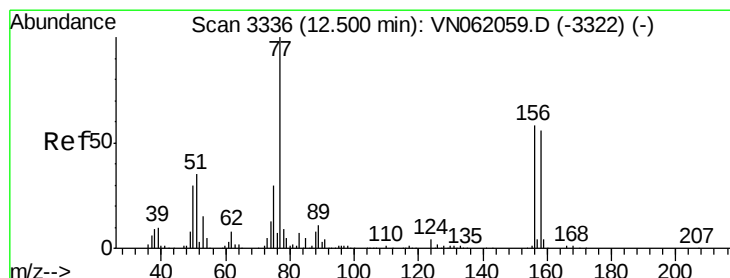
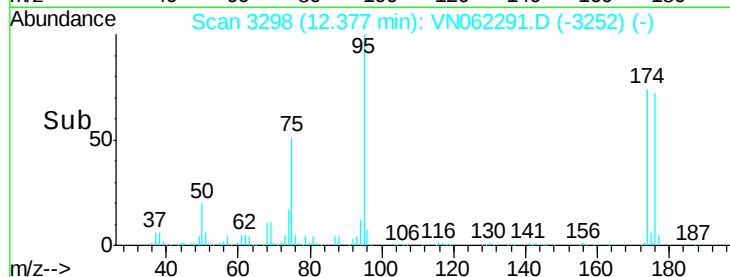
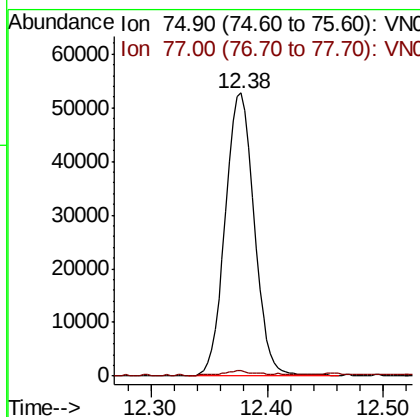
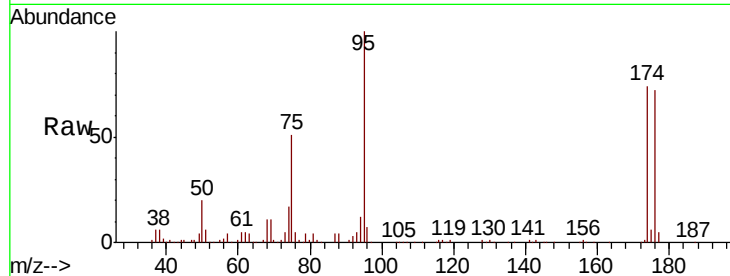




#76
 1,2,3-Trichloropropane
 Concen: 26.048 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.15 min
 Lab File: VN062291.D
 Acq: 1 Jul 2020 14:53

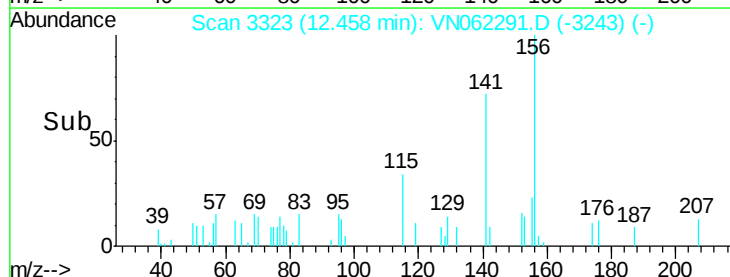
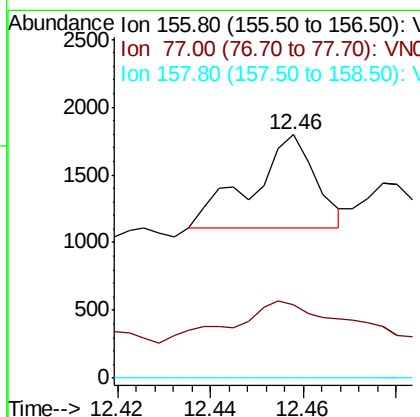
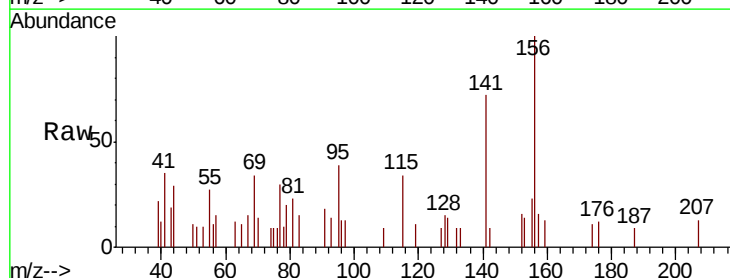
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW180-EB-20200626

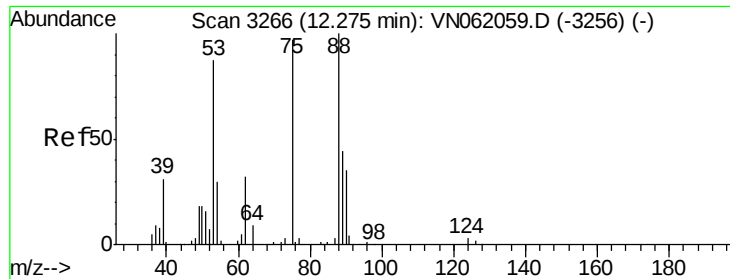
Tot Ion: 75 Resp: 91469
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#77
 Bromobenzene
 Concen: 0.230 ug/l
 RT: 12.46 min Scan# 3323
 Delta R.T. -0.04 min
 Lab File: VN062291.D
 Acq: 1 Jul 2020 14:53

Tgt Ion: 156 Resp: 659
 Ion Ratio Lower Upper
 156 100
 77 75.9 104.6 313.8#
 158 0.0 48.0 144.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 76.069 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN062291.D

Acq: 1 Jul 2020 14:53

Instrument :

MSVOA_N

ClientSampleId :

BP-MW180-EB-20200626

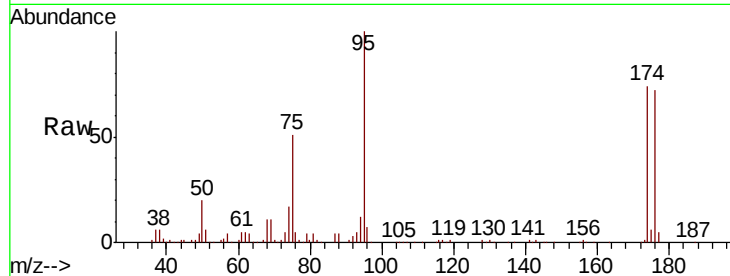
Tot Ion: 75 Resp: 91469

Ion Ratio Lower Upper

75 100

53 0.3 72.0 108.0#

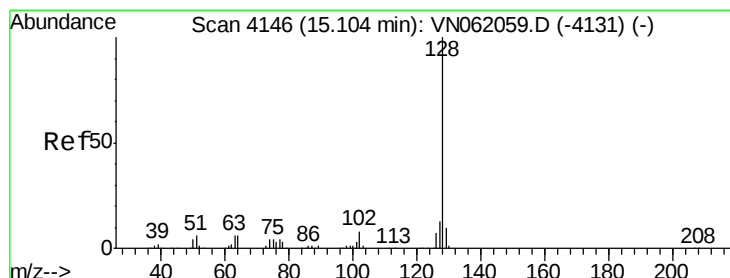
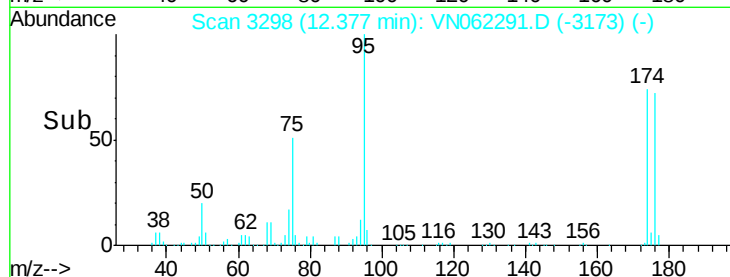
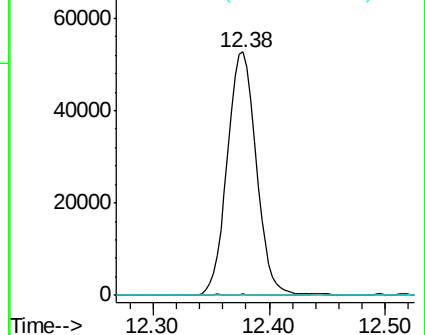
89 0.0 36.9 55.3#



Abundance Ion 74.90 (74.60 to 75.60): VN062291.D (-3173) (-)

Ion 53.00 (52.70 to 53.70): VN062291.D (-3173) (-)

Ion 88.90 (88.60 to 89.60): VN062291.D (-3173) (-)



#95

Naphthalene

Concen: 4.020 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN062291.D

Acq: 1 Jul 2020 14:53

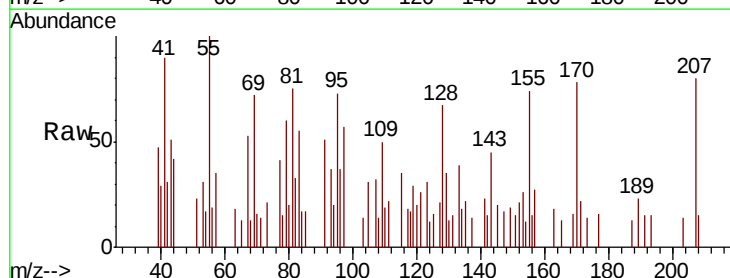
Tgt Ion: 128 Resp: 196

Ion Ratio Lower Upper

128 100

127 62.2 10.5 15.7#

129 46.4 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): VN062291.D (-4053) (-)

Ion 127.00 (126.70 to 127.70): VN062291.D (-4053) (-)

Ion 129.00 (128.70 to 129.70): VN062291.D (-4053) (-)

