

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070120\
 Data File : VN062299.D
 Acq On : 1 Jul 2020 18:07
 Operator : JC/MD
 Sample : L3192-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW180-TB-20200630

Quant Time: Jul 02 06:55:49 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	187819	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	365248	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	349706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	120400	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	149971	56.90	ug/l	0.00
Spiked Amount			Recovery	=	113.80%	
35) Dibromofluoromethane	7.55	113	117488	50.14	ug/l	0.00
Spiked Amount			Recovery	=	100.28%	
50) Toluene-d8	10.06	98	473508	50.55	ug/l	0.00
Spiked Amount			Recovery	=	101.10%	
62) 4-Bromofluorobenzene	12.38	95	146650	46.34	ug/l	0.00
Spiked Amount			Recovery	=	92.68%	

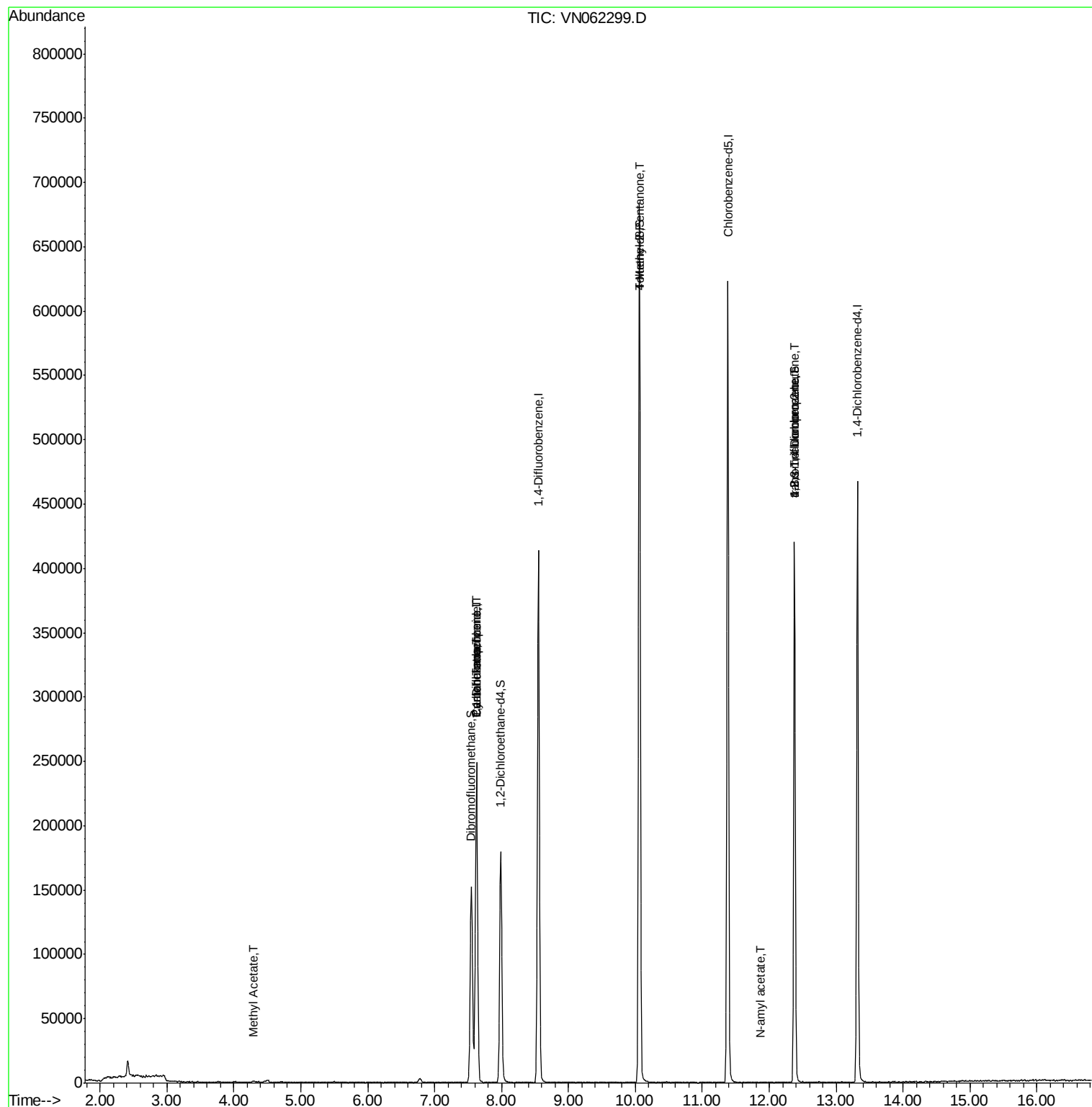
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	239	Below Cal	#	41
16) Acetone	3.76	43	191	Below Cal	#	40
18) Methyl Acetate	4.28	43	561	0.268	ug/l #	78
31) Cyclohexane	7.62	56	2911	0.799	ug/l #	25
36) 1,1-Dichloropropene	7.63	75	17347	4.725	ug/l #	46
38) Carbon Tetrachloride	7.63	117	19984	5.774	ug/l #	16
51) 4-Methyl-2-Pentanone	10.06	43	2004	0.692	ug/l #	1
74) N-amyl acetate	11.85	43	137	3.380	ug/l #	38
76) 1,2,3-Trichloropropane	12.38	75	75595	26.671	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	75595	77.890	ug/l #	13

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

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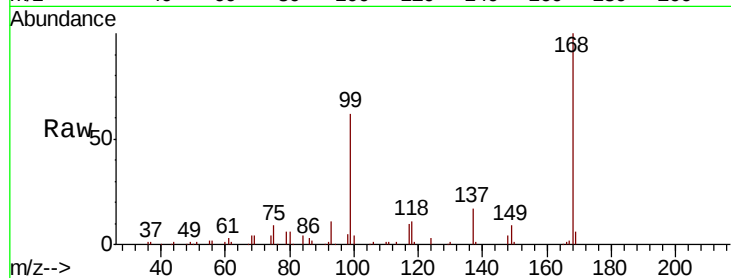




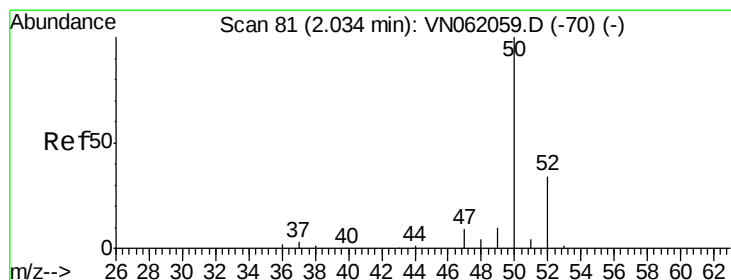
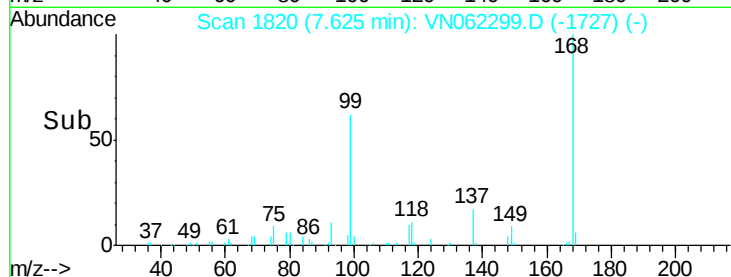
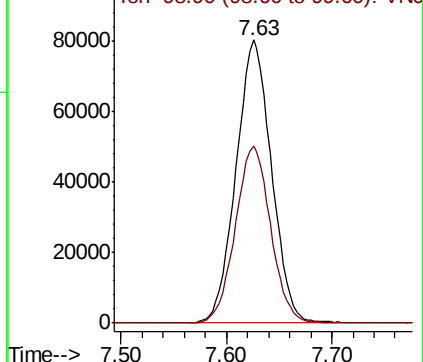
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. 0.00 min
Lab File: VN062299.D
Acq: 1 Jul 2020 18:07

Instrument :
MSVOA_N
ClientSampleId :
BP-MW180-TB-20200630

Tot Ion:168 Resp: 187819
Ion Ratio Lower Upper
168 100
99 62.4 45.8 68.8

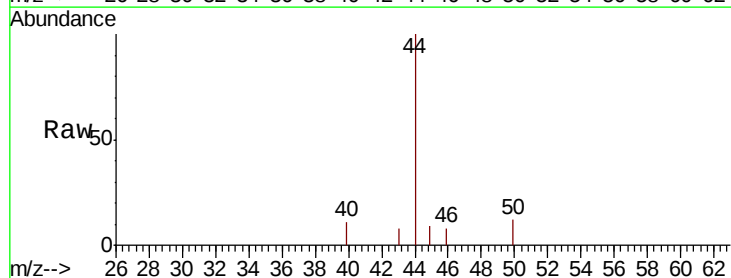


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VN

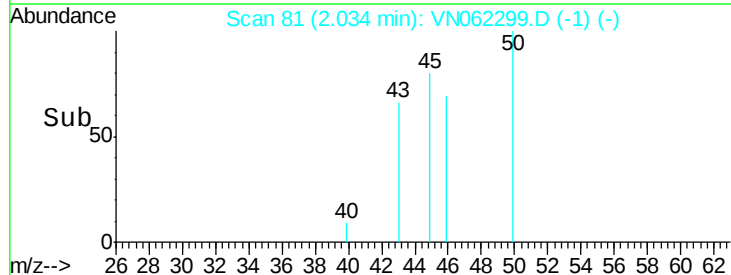
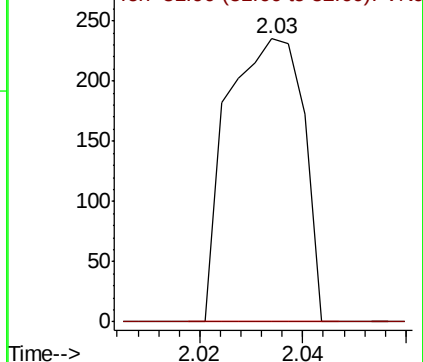


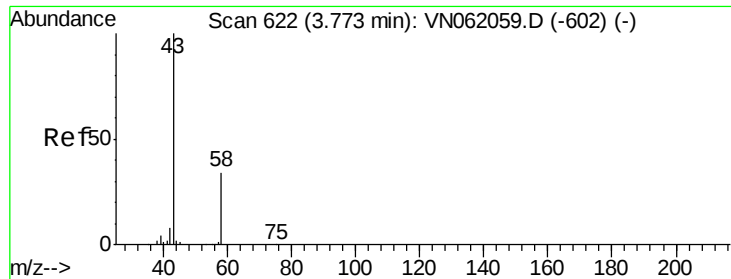
#3
Chloromethane
Concen: Below Cal
RT: 2.03 min Scan# 81
Delta R.T. 0.00 min
Lab File: VN062299.D
Acq: 1 Jul 2020 18:07

Tgt Ion: 50 Resp: 239
Ion Ratio Lower Upper
50 100
52 0.0 27.0 40.6#



Abundance Ion 49.90 (49.60 to 50.60): VN
Ion 51.90 (51.60 to 52.60): VN





#16

Acetone

Concen: Below Cal

RT: 3.76 min Scan# 619

Delta R.T. -0.01 min

Lab File: VN062299.D

Acq: 1 Jul 2020 18:07

Instrument :

MSVOA_N

ClientSampleId :

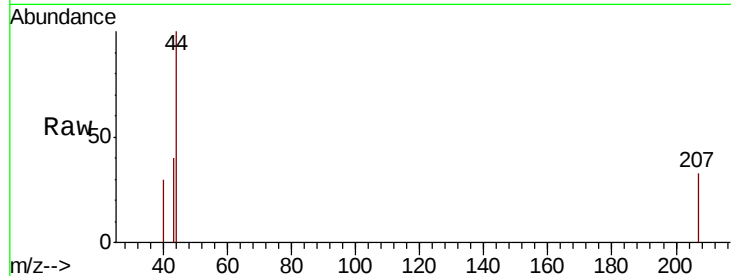
BP-MW180-TB-20200630

Tot Ion: 43 Resp: 191

Ion Ratio Lower Upper

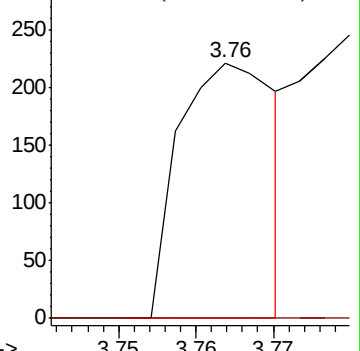
43 100

58 0.0 27.5 41.3#

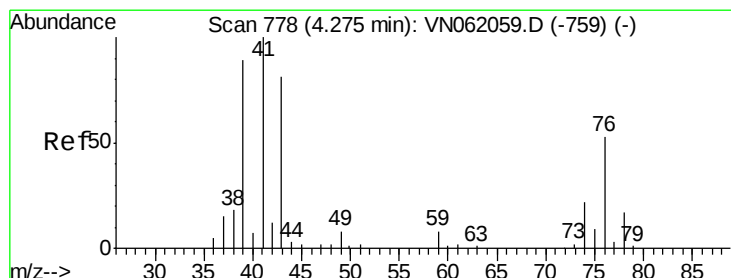
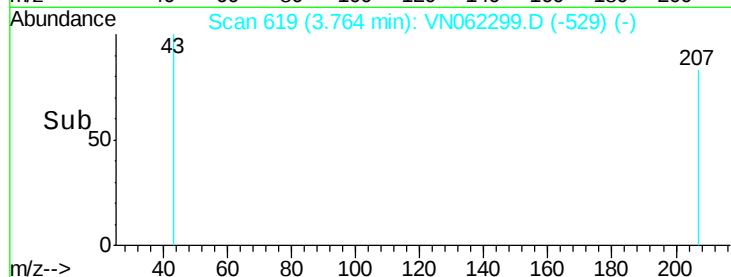


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



Time-->



#18

Methyl Acetate

Concen: 0.268 ug/l

RT: 4.28 min Scan# 781

Delta R.T. 0.01 min

Lab File: VN062299.D

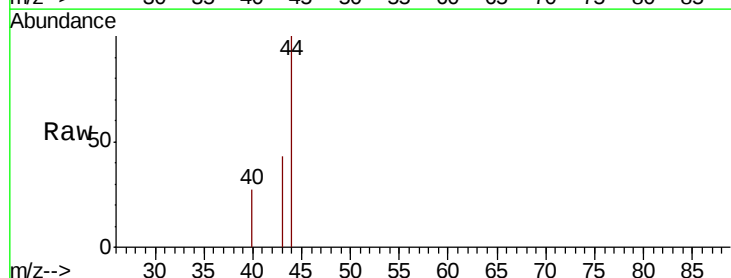
Acq: 1 Jul 2020 18:07

Tgt Ion: 43 Resp: 561

Ion Ratio Lower Upper

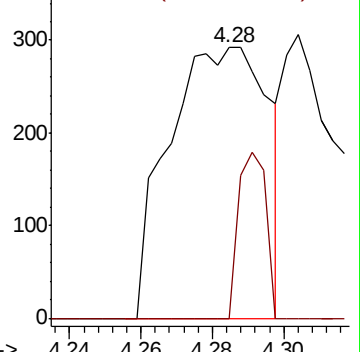
43 100

74 16.9 22.9 34.3#

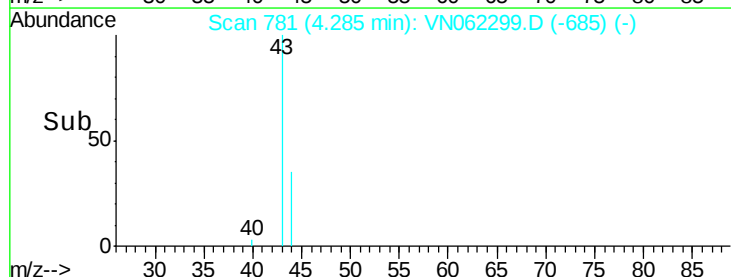


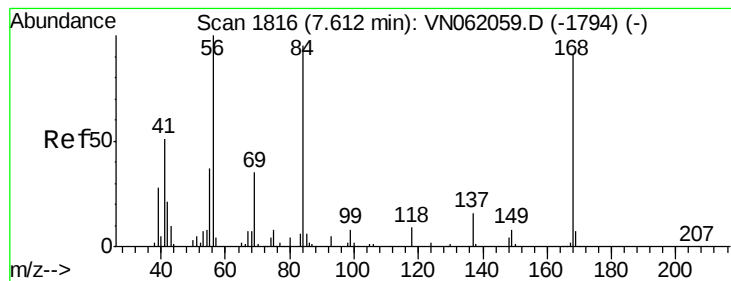
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0



Time-->





#31

Cyclohexane

Concen: 0.799 ug/l

RT: 7.62 min Scan# 1816

Delta R.T. 0.01 min

Lab File: VN062299.D

Acq: 1 Jul 2020 18:07

Instrument :

MSVOA_N

ClientSampleId :

BP-MW180-TB-20200630

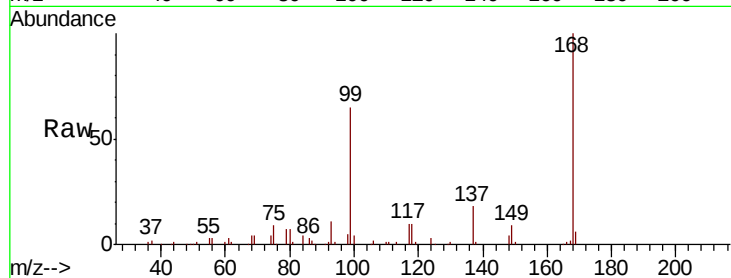
Tot Ion: 56 Resp: 2911

Ion Ratio Lower Upper

56 100

69 136.0 28.0 42.0#

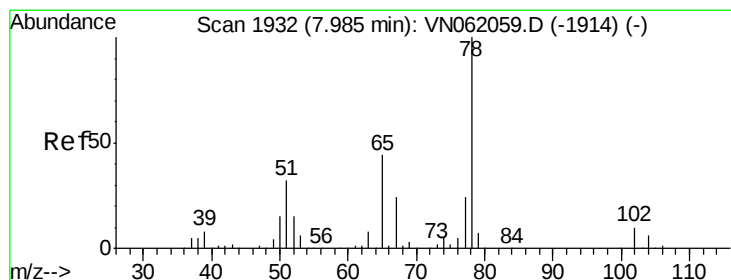
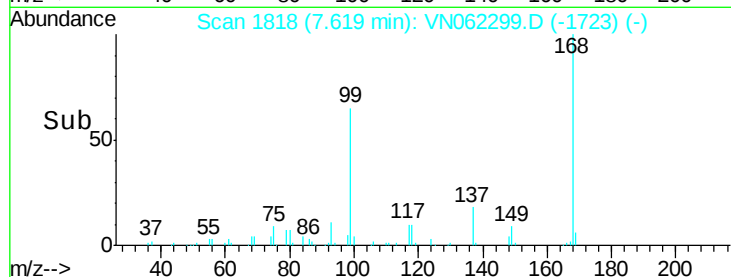
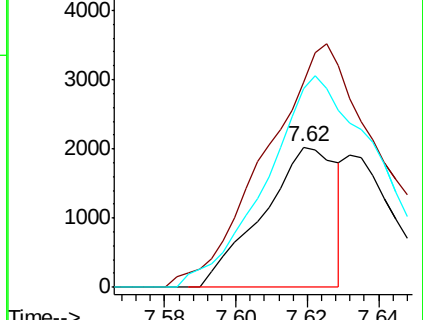
84 132.3 76.1 114.1#



Abundance Ion 56.00 (55.70 to 56.70): VN062299.D (-1794) (-)

Ion 69.00 (68.70 to 69.70): VN062299.D (-1794) (-)

Ion 84.00 (83.70 to 84.70): VN062299.D (-1794) (-)



#33

1,2-Dichloroethane-d4

Concen: 56.899 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062299.D

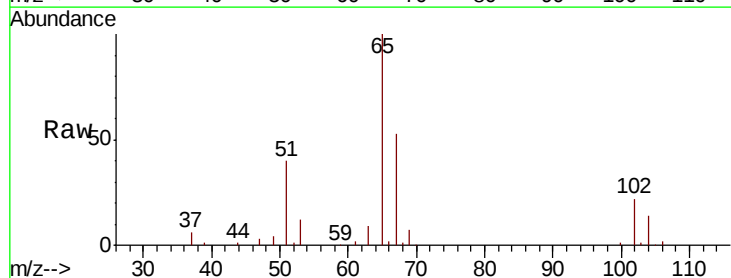
Acq: 1 Jul 2020 18:07

Tgt Ion: 65 Resp: 149971

Ion Ratio Lower Upper

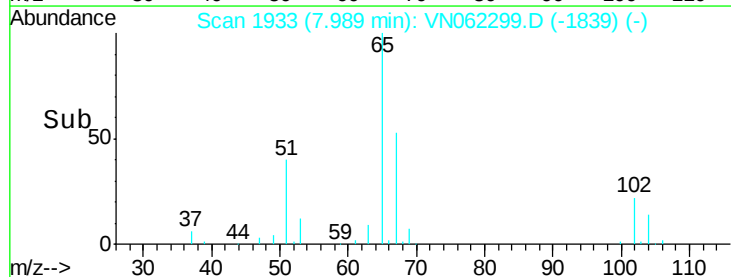
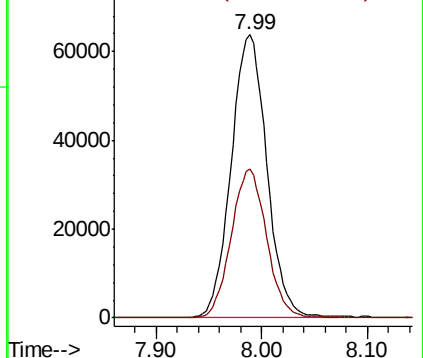
65 100

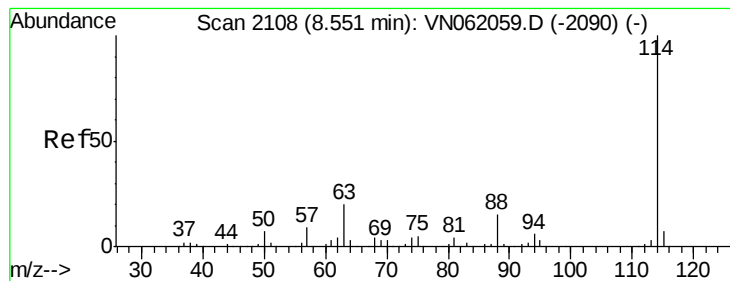
67 52.3 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN062299.D (-1839) (-)

Ion 66.90 (66.60 to 67.60): VN062299.D (-1839) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN062299.D

Acq: 1 Jul 2020 18:07

Instrument :

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ClientSampleId :

BP-MW180-TB-20200630

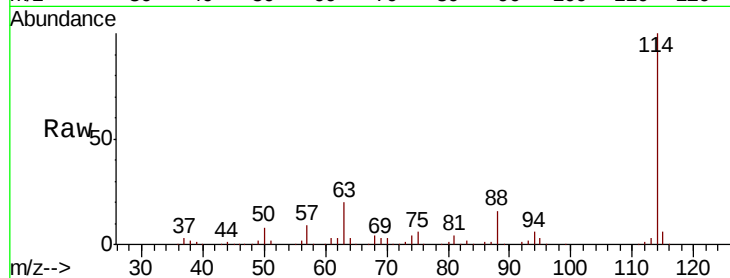
Tot Ion:114 Resp: 365248

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.2

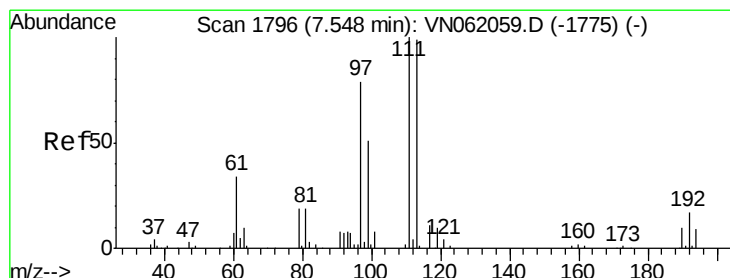
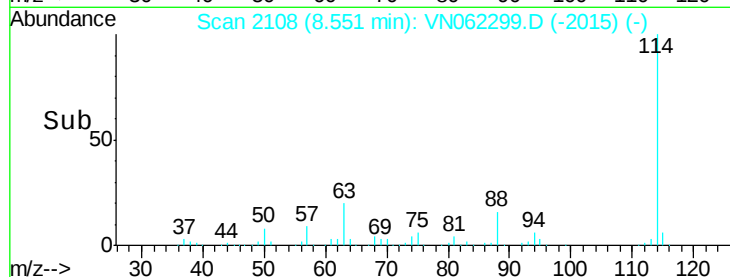
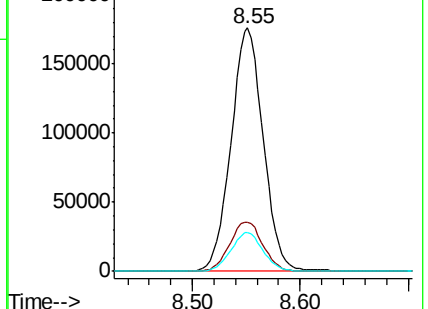
88 16.0 0.0 30.8



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: 50.139 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN062299.D

Acq: 1 Jul 2020 18:07

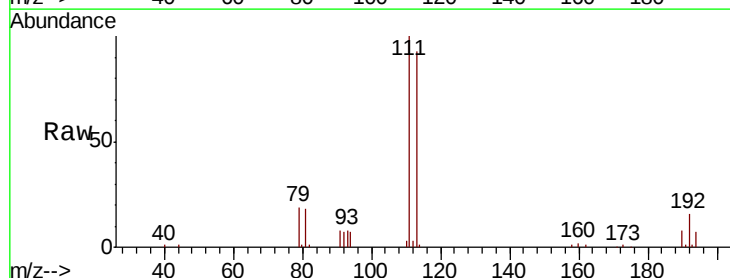
Tgt Ion:113 Resp: 117488

Ion Ratio Lower Upper

113 100

111 104.8 82.2 123.4

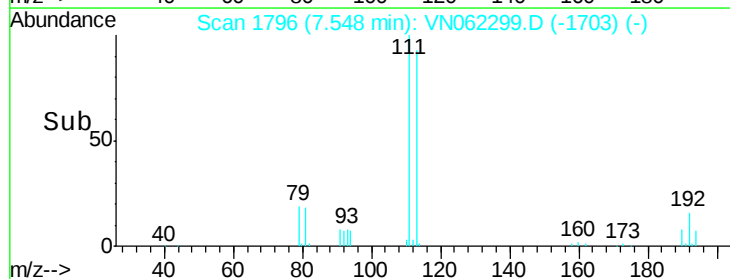
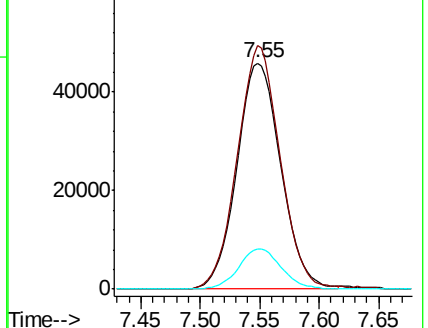
192 17.3 14.0 21.0

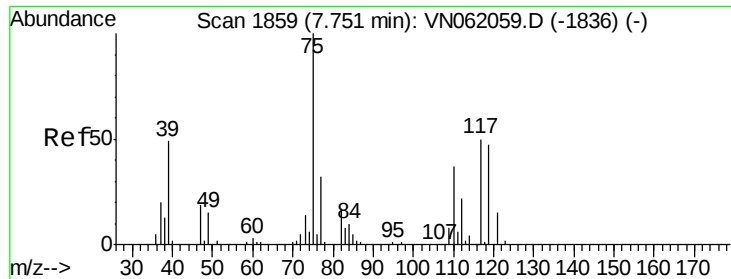


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

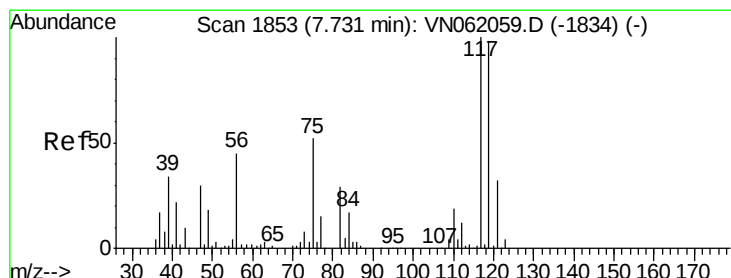
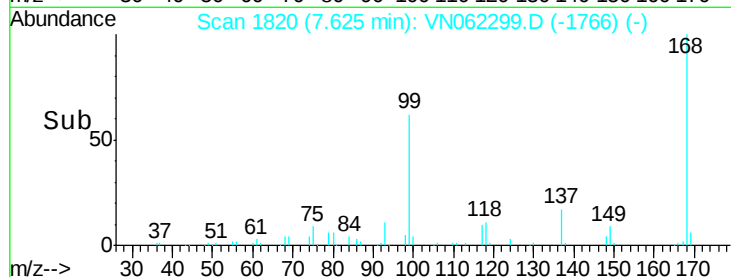
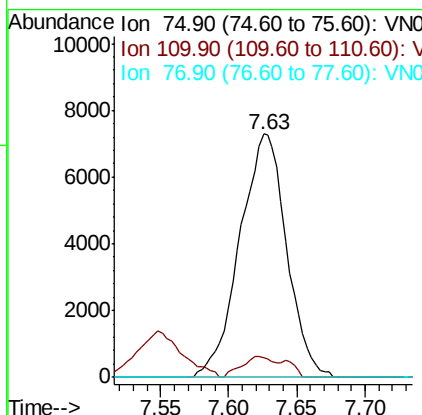
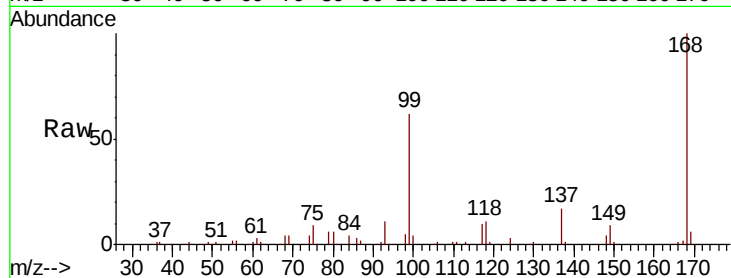




#36
 1,1-Dichloropropene
 Concen: 4.725 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.13 min
 Lab File: VN062299.D
 Acq: 1 Jul 2020 18:07

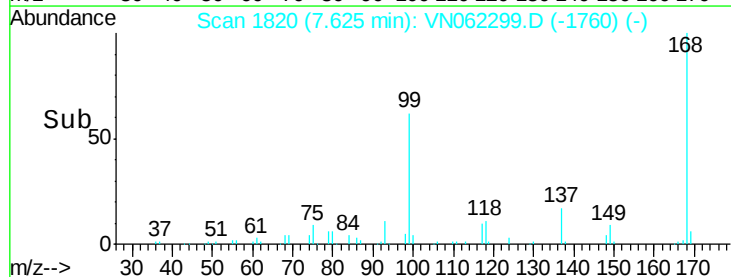
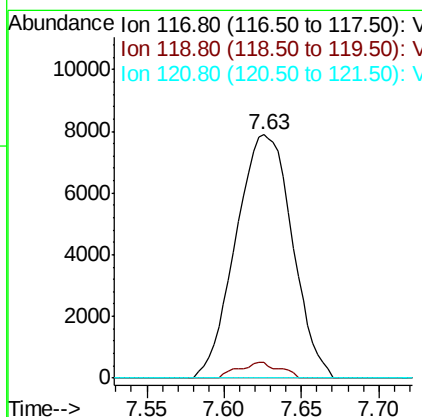
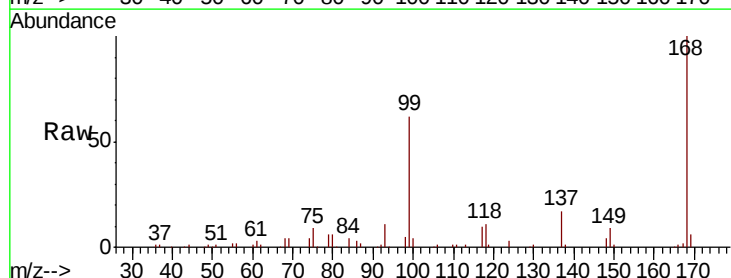
Instrument :
 MSVOA_N
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 BP-MW180-TB-20200630

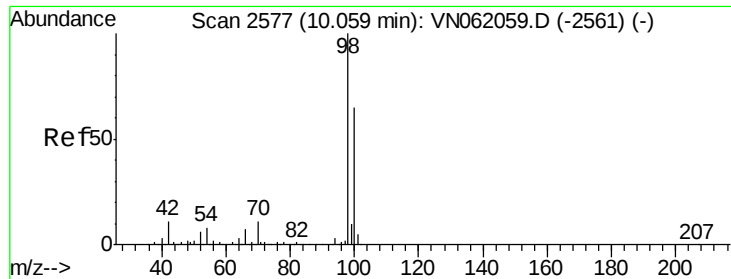
Tot Ion	75	Resp	17347
Ion Ratio	100	Lower	Upper
75	100		
110	5.9	17.9	53.8#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 5.774 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.11 min
 Lab File: VN062299.D
 Acq: 1 Jul 2020 18:07

Tgt Ion	117	Resp	19984
Ion Ratio	100	Lower	Upper
117	100		
119	6.2	78.2	117.2#
121	0.0	25.8	38.6#





#50

Toluene-d8

Concen: 50.552 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN062299.D

Acq: 1 Jul 2020 18:07

Instrument :

MSVOA_N

ClientSampleId :

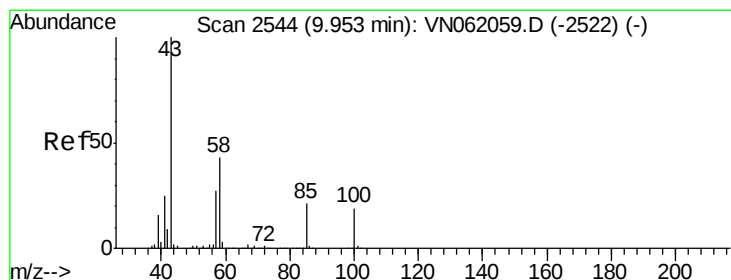
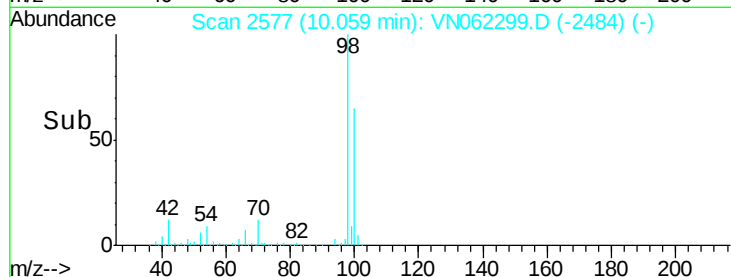
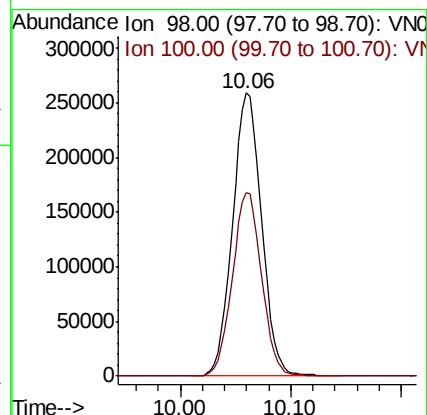
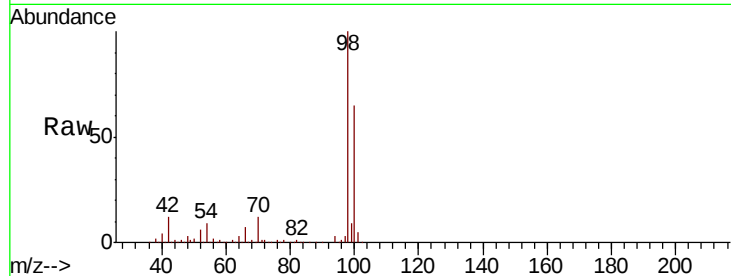
BP-MW180-TB-20200630

Tot Ion: 98 Resp: 473508

Ion Ratio Lower Upper

98 100

100 65.4 51.2 76.8



#51

4-Methyl-2-Pentanone

Concen: 0.692 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. 0.11 min

Lab File: VN062299.D

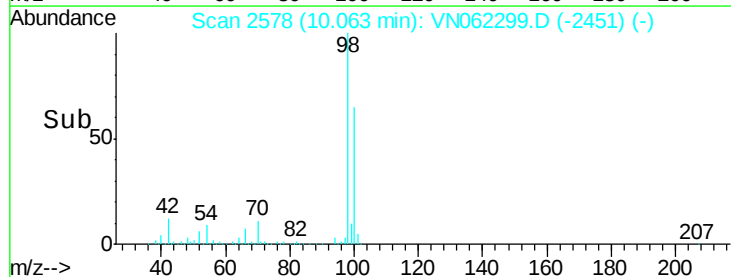
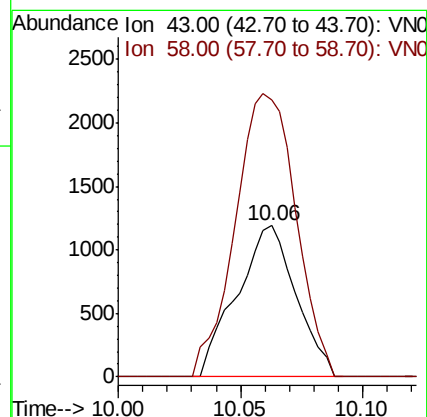
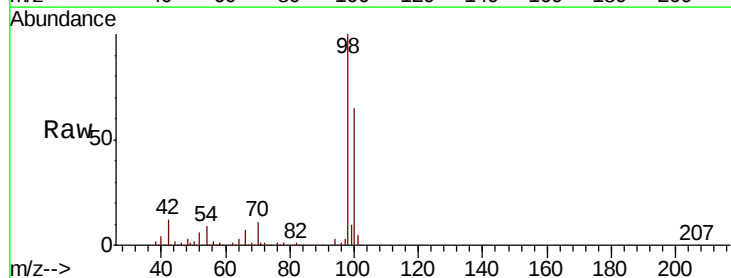
Acq: 1 Jul 2020 18:07

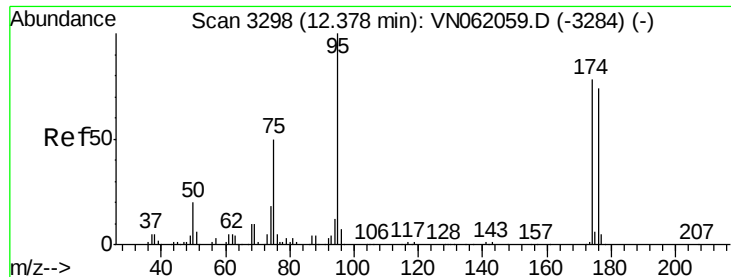
Tgt Ion: 43 Resp: 2004

Ion Ratio Lower Upper

43 100

58 192.0 34.2 51.2#

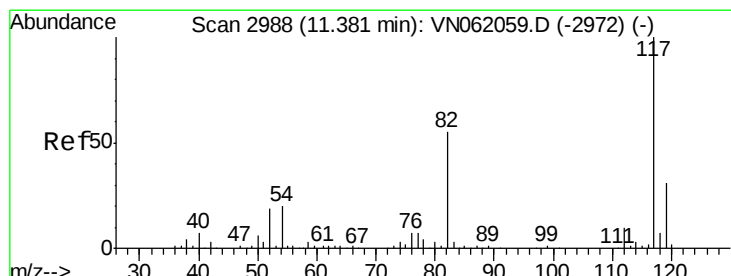
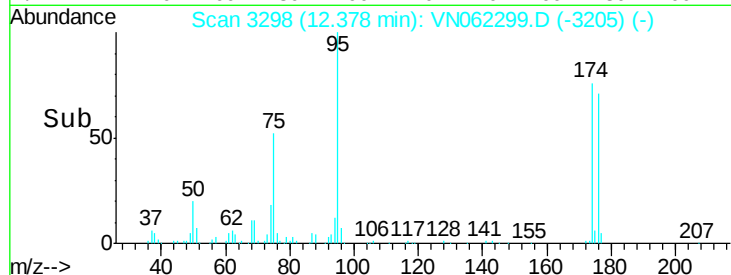
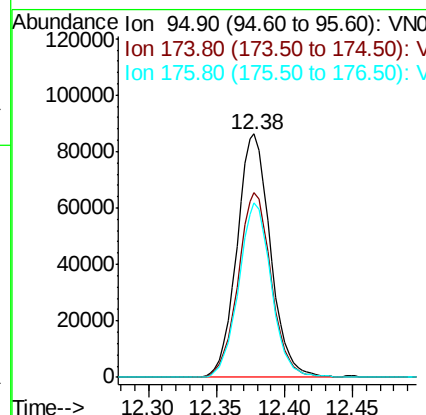
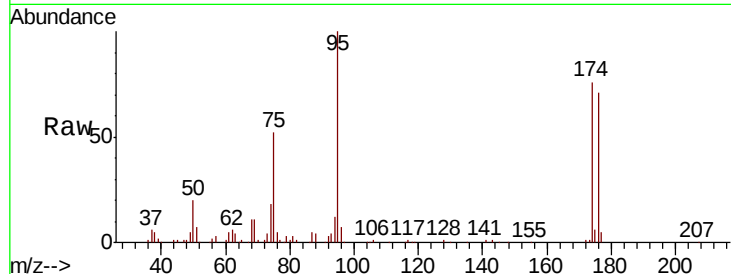




#62
4-Bromofluorobenzene
Concen: 46.341 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN062299.D
Acq: 1 Jul 2020 18:07

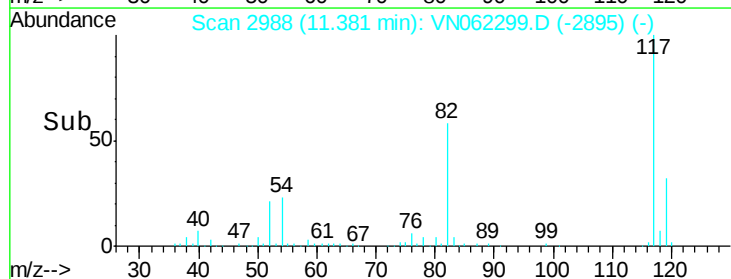
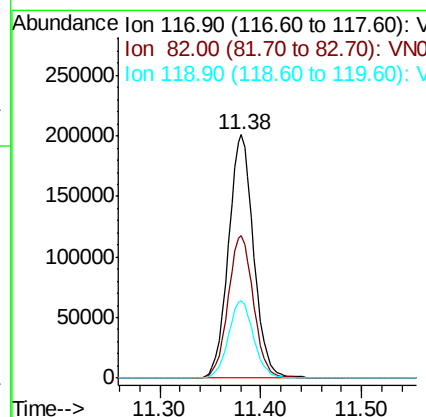
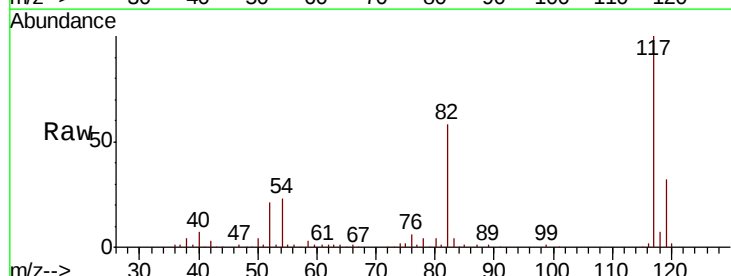
Instrument :
MSVOA_N
ClientSampleId :
BP-MW180-TB-20200630

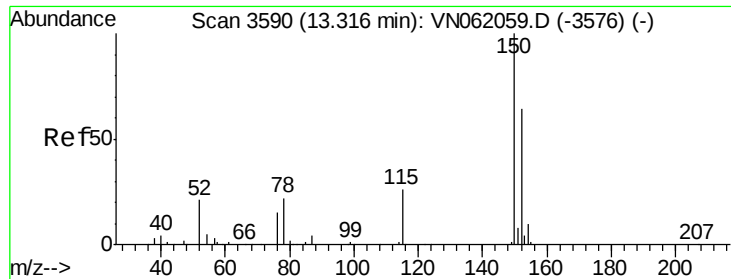
Tot Ion	95	Resp	146650
Ion Ratio	100		
Lower			
Upper			
174	75.5	0.0	154.8
176	69.9	0.0	147.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062299.D
Acq: 1 Jul 2020 18:07

Tgt Ion	117	Resp	349706
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	58.3	43.8	65.8
119	31.9	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: VN062299.D

Acq: 1 Jul 2020 18:07

Instrument :

MSVOA_N

ClientSampleId :

BP-MW180-TB-20200630

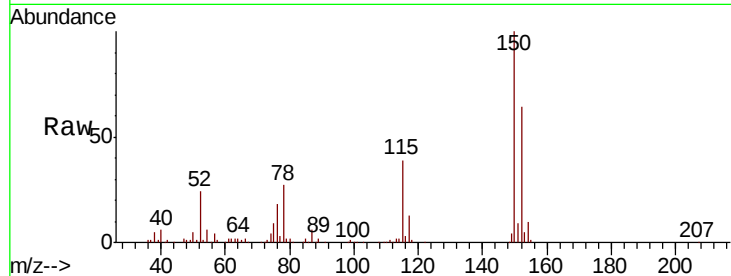
Tot Ion:152 Resp: 120400

Ion Ratio Lower Upper

152 100

115 61.1 29.5 88.5

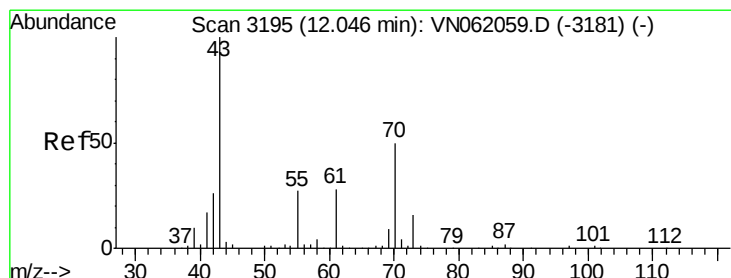
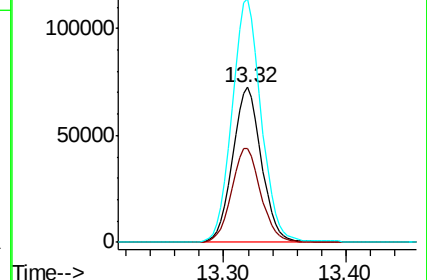
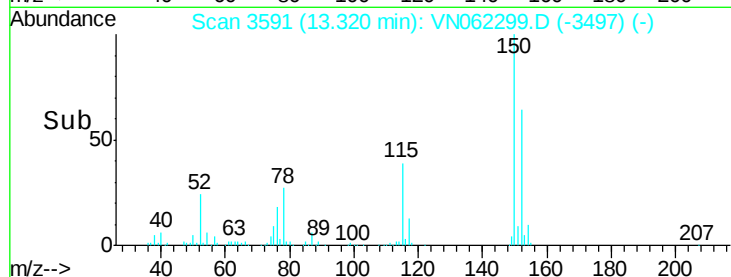
150 157.4 0.0 351.4



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: 3.380 ug/l

RT: 11.85 min Scan# 3135

Delta R.T. -0.19 min

Lab File: VN062299.D

Acq: 1 Jul 2020 18:07

Tgt Ion: 43 Resp: 137

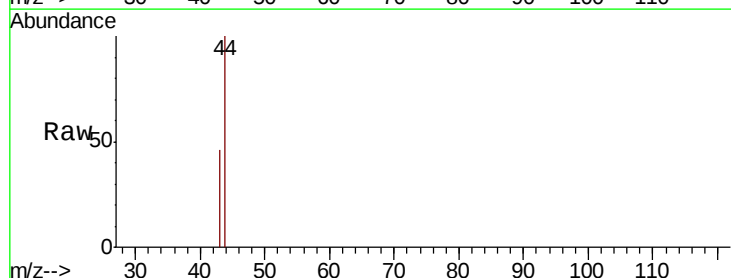
Ion Ratio Lower Upper

43 100

70 0.0 39.4 59.2#

55 0.0 21.7 32.5#

61 0.0 21.3 31.9#

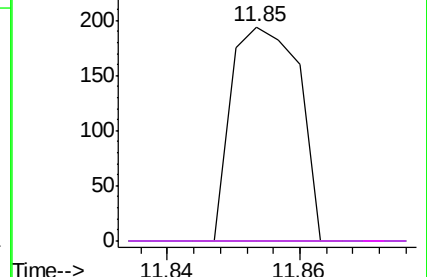
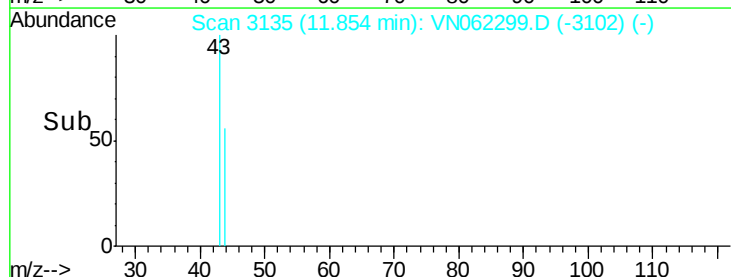


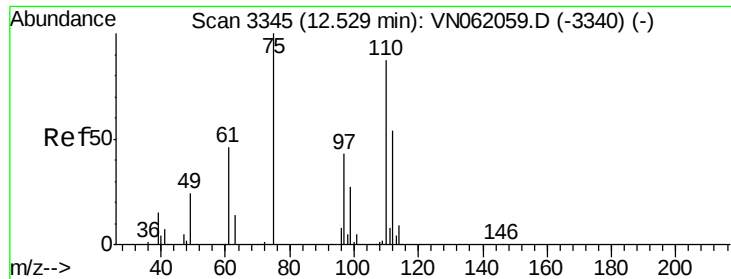
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

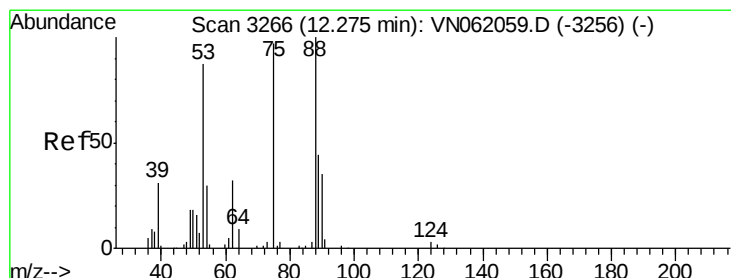
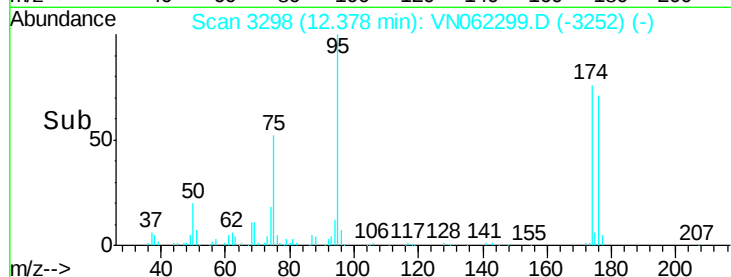
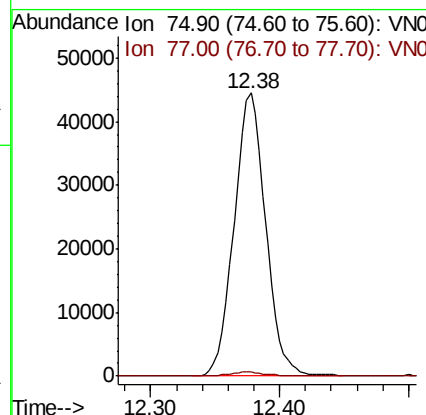
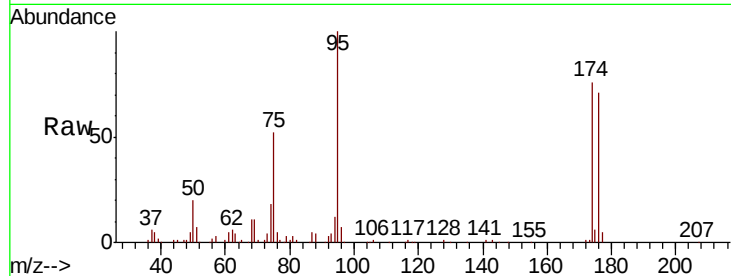




#76
 1,2,3-Trichloropropane
 Concen: 26.671 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.15 min
 Lab File: VN062299.D
 Acq: 1 Jul 2020 18:07

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW180-TB-20200630

Tot Ion: 75 Resp: 75595
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.890 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.10 min
 Lab File: VN062299.D
 Acq: 1 Jul 2020 18:07

Tgt Ion: 75 Resp: 75595
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.0 108.0#
 89 0.0 36.9 55.3#

