

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100720\
 Data File : VN063941.D
 Acq On : 7 Oct 2020 14:31
 Operator : JC/MD
 Sample : L4293-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B-2-MW-1

Quant Time: Oct 08 05:00:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	223324	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	404123	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	422964	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	178284	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	198639	53.84	ug/l	0.00
Spiked Amount			Recovery	=	107.68%	
35) Dibromofluoromethane	7.55	113	142595	50.85	ug/l	0.00
Spiked Amount			Recovery	=	101.70%	
50) Toluene-d8	10.06	98	520765	48.99	ug/l	0.00
Spiked Amount			Recovery	=	97.98%	
62) 4-Bromofluorobenzene	12.38	95	199233	49.86	ug/l	0.00
Spiked Amount			Recovery	=	99.72%	

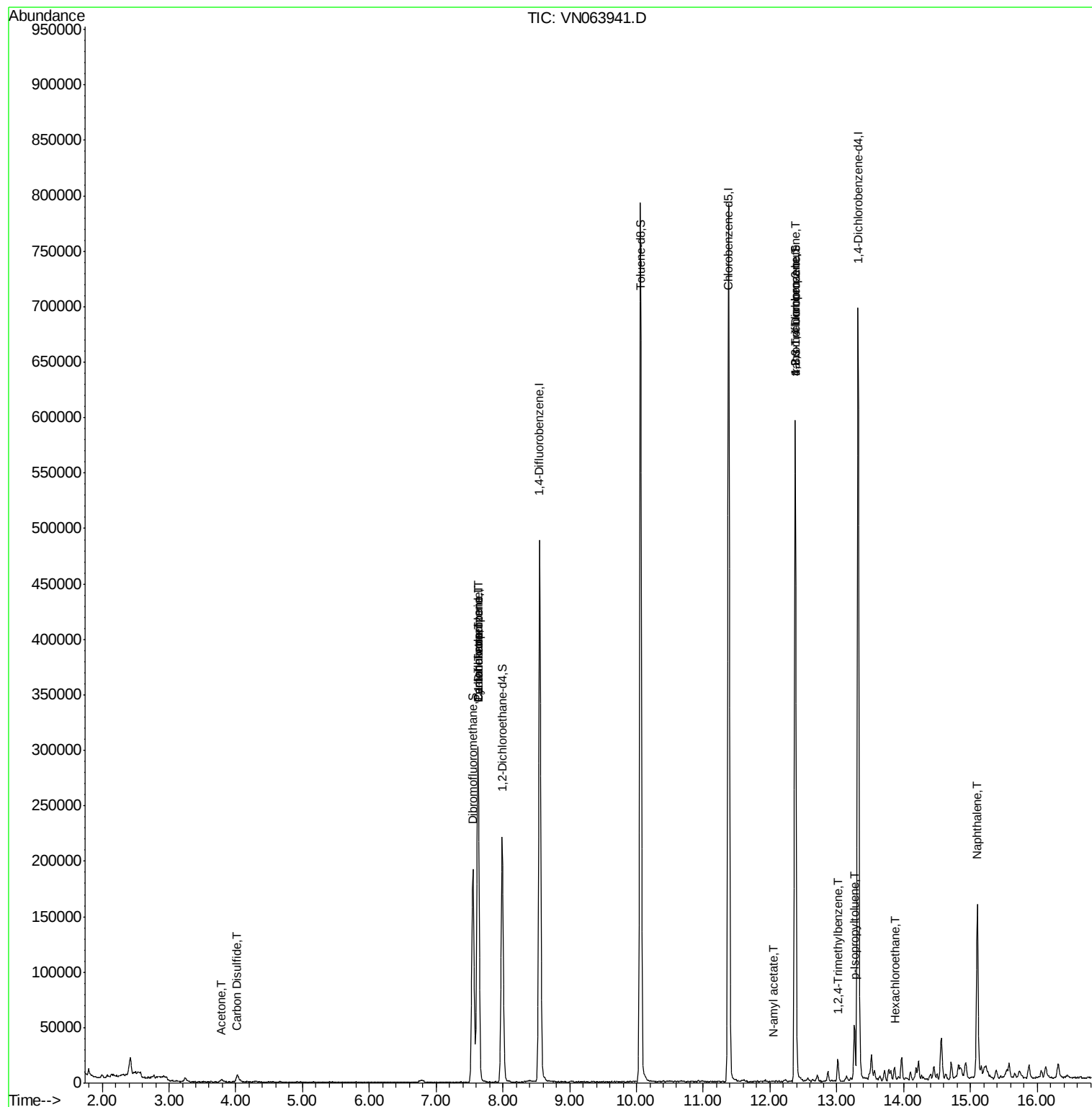
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.79	43	4272	3.761	ug/l	98
17) Carbon Disulfide	4.02	76	1815	0.995	ug/l #	76
31) Cyclohexane	7.63	56	6279	1.466	ug/l #	21
36) 1,1-Dichloropropene	7.63	75	20660	5.046	ug/l #	49
38) Carbon Tetrachloride	7.63	117	25386	5.530	ug/l #	14
74) N-amyl acetate	12.05	43	394	2.278	ug/l #	49
76) 1,2,3-Trichloropropane	12.38	75	113081	28.773	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	113081	82.871	ug/l #	6
84) 1,2,4-Trimethylbenzene	13.02	105	10653	0.978	ug/l	98
86) p-Isopropyltoluene	13.27	119	26851	2.590	ug/l	98
90) Hexachloroethane	13.86	117	1031	0.513	ug/l #	14
95) Naphthalene	15.11	128	132719	15.190	ug/l	99

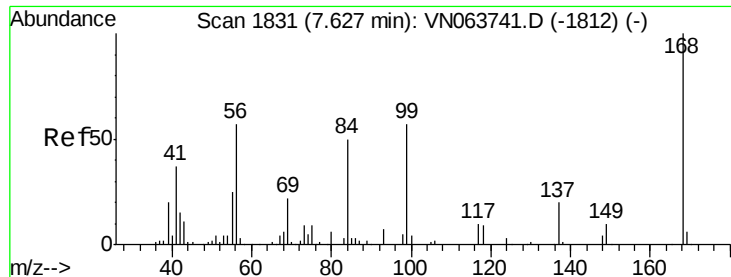
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100720\
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Acq On : 7 Oct 2020 14:31
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B-2-MW-1

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Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 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: VN063941.D

Acq: 7 Oct 2020 14:31

Instrument :

MSVOA_N

ClientSampled :

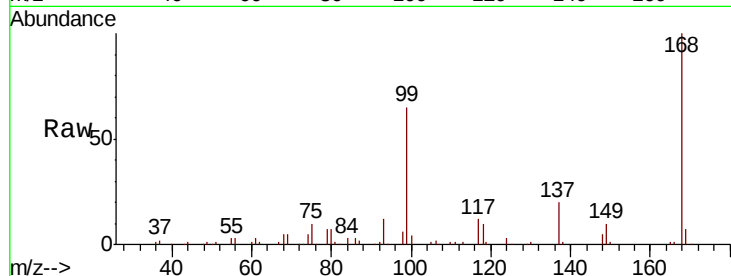
B-2-MW-1

Tot Ion:168 Resp: 223324

Ion Ratio Lower Upper

168 100

99 64.6 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

100000

80000

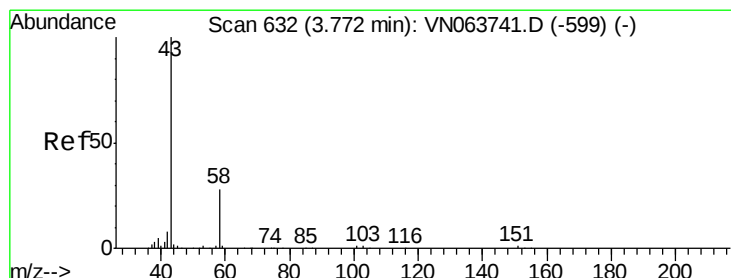
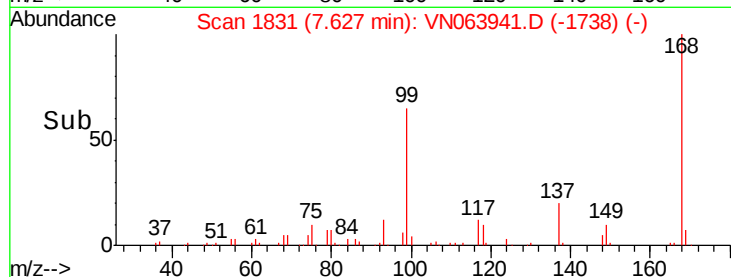
60000

40000

20000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 3.761 ug/l

RT: 3.79 min Scan# 637

Delta R.T. 0.02 min

Lab File: VN063941.D

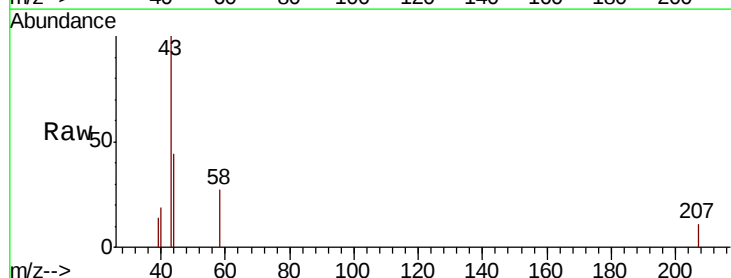
Acq: 7 Oct 2020 14:31

Tgt Ion: 43 Resp: 4272

Ion Ratio Lower Upper

43 100

58 26.6 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.79

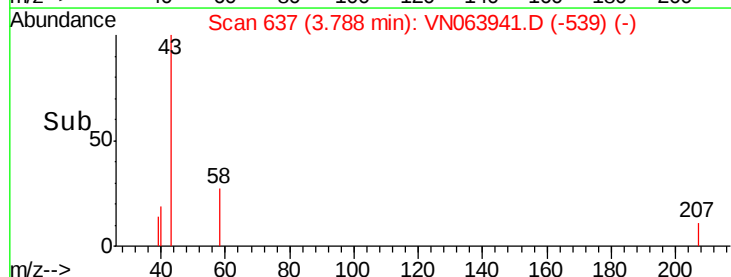
1500

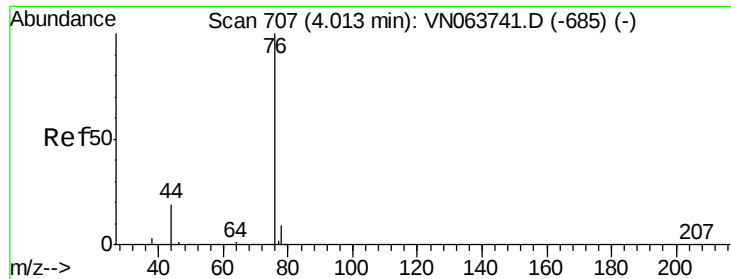
1000

500

0

Time--> 3.70 3.75 3.80 3.85





#17

Carbon Disulfide

Concen: 0.995 ug/l

RT: 4.02 min Scan# 709

Delta R.T. 0.01 min

Lab File: VN063941.D

Acq: 7 Oct 2020 14:31

Instrument :

MSVOA_N

ClientSampleId :

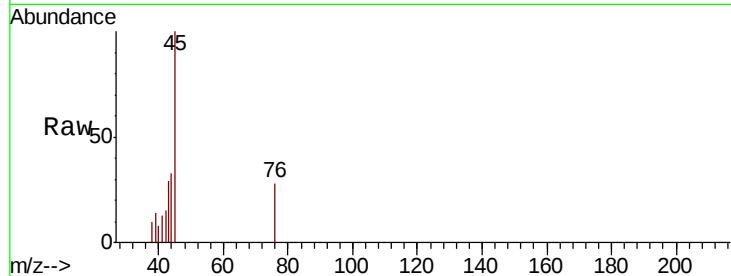
B-2-MW-1

Tot Ion: 76 Resp: 1815

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.4#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.02

800

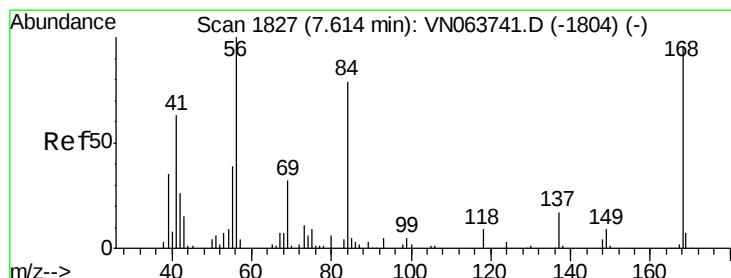
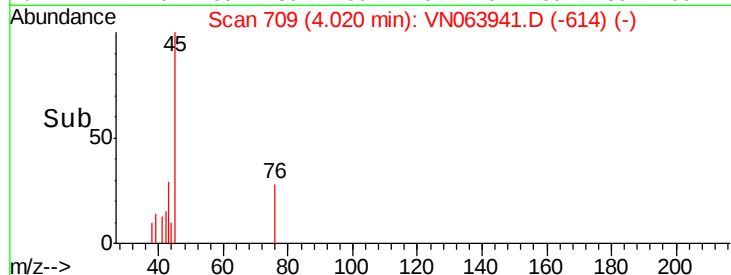
600

400

200

0

Time--> 3.95 4.00 4.05



#31

Cyclohexane

Concen: 1.466 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.01 min

Lab File: VN063941.D

Acq: 7 Oct 2020 14:31

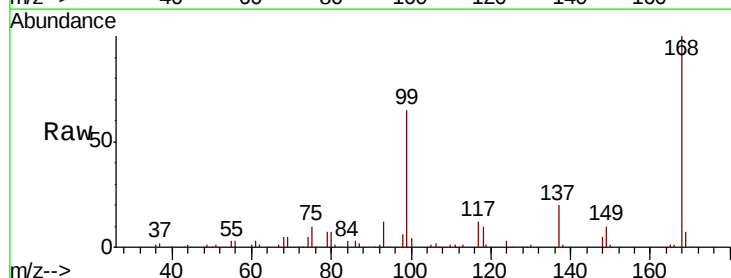
Tgt Ion: 56 Resp: 6279

Ion Ratio Lower Upper

56 100

69 151.1 25.4 38.2#

84 100.3 63.3 94.9#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

5000

4000

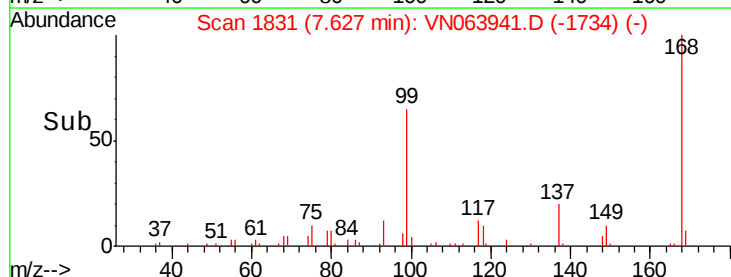
3000

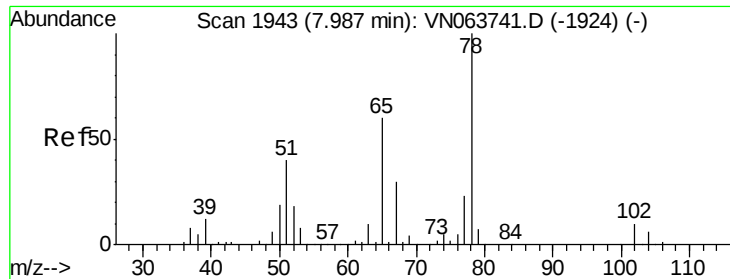
2000

1000

0

Time--> 7.55 7.60 7.65 7.70

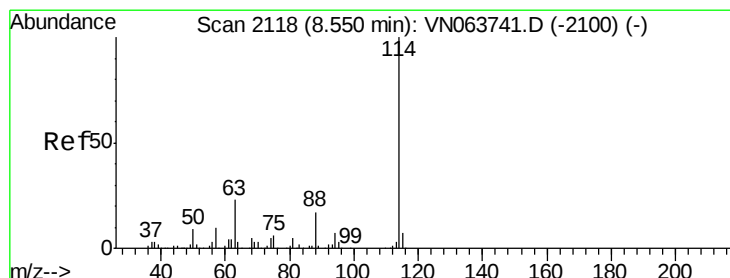
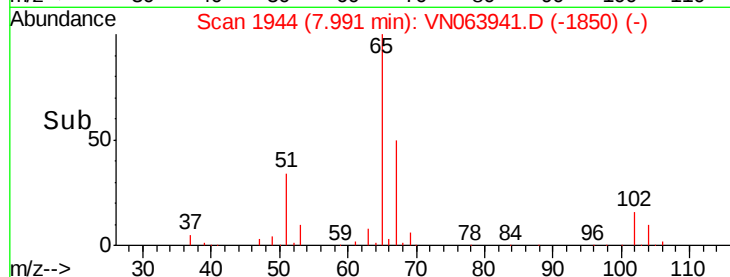
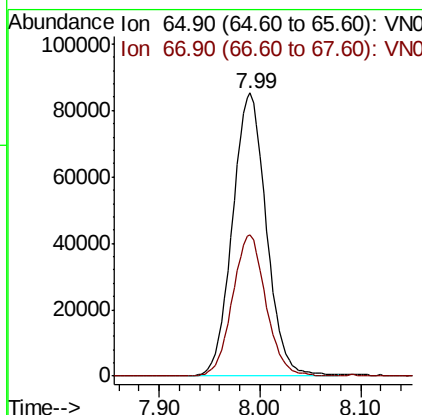
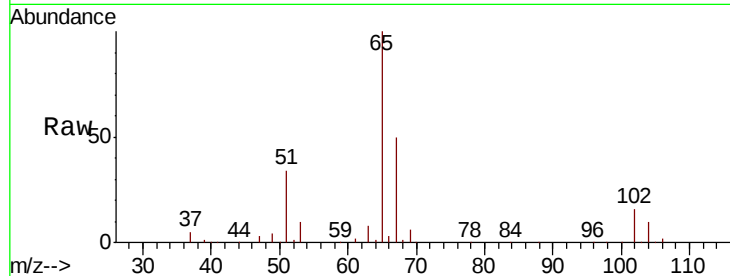




#33
 1,2-Dichloroethane-d4
 Concen: 53.840 ug/l
 RT: 7.99 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN063941.D
 Acq: 7 Oct 2020 14:31

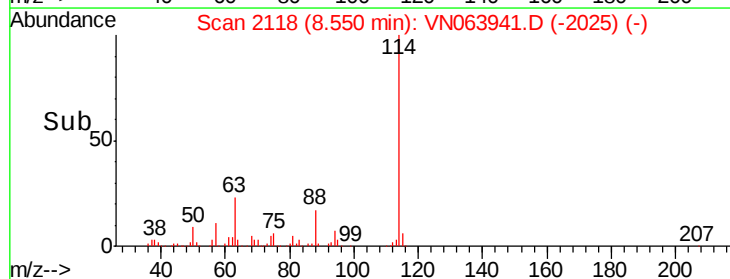
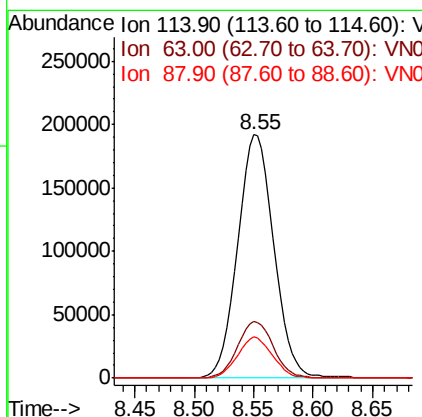
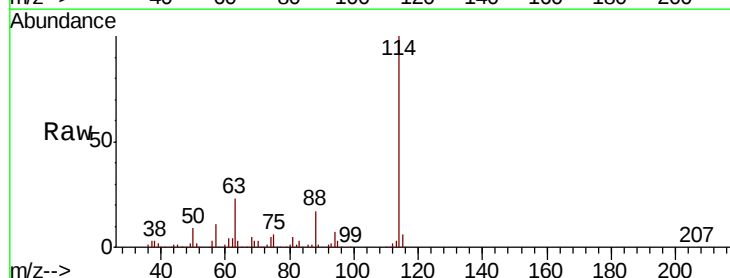
Instrument :
 MSVOA_N
 ClientSampleId :
 B-2-MW-1

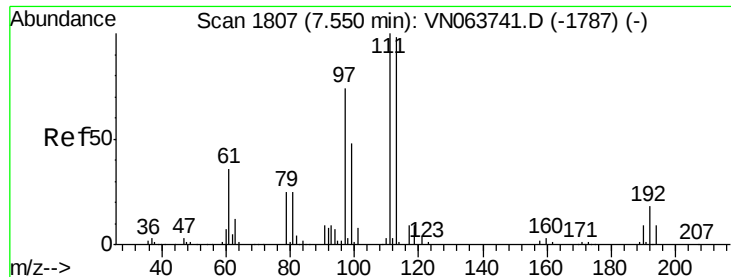
Tot Ion: 65 Resp: 198639
 Ion Ratio Lower Upper
 65 100
 67 49.3 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063941.D
 Acq: 7 Oct 2020 14:31

Tgt Ion: 114 Resp: 404123
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 45.0
 88 16.9 0.0 34.0

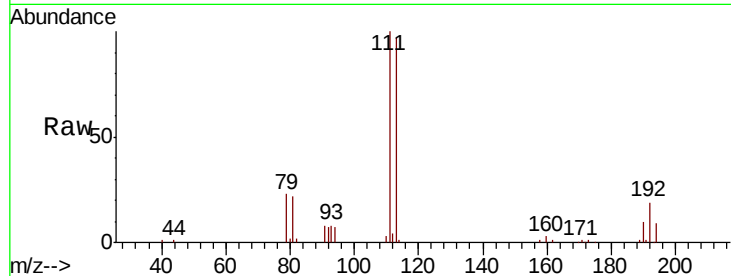




#35
Dibromofluoromethane
Concen: 50.852 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063941.D
Acq: 7 Oct 2020 14:31

Instrument :
MSVOA_N
ClientSampleId :
B-2-MW-1

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.8	122.8
192	18.1	14.2	21.2

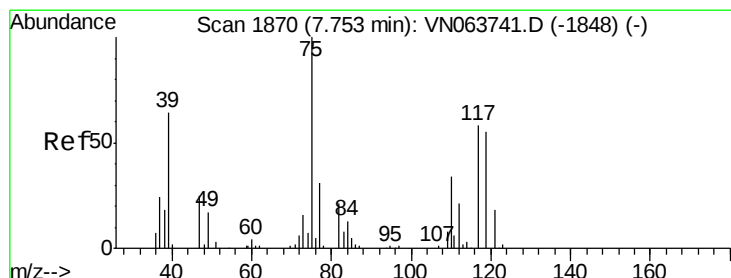
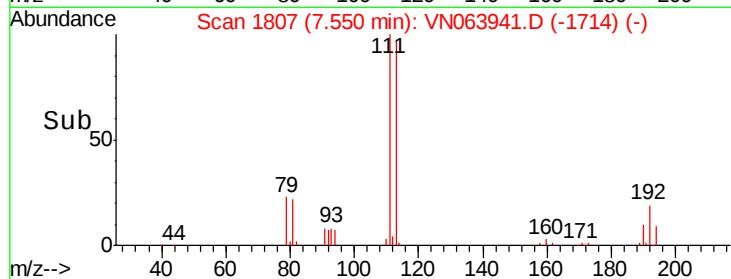
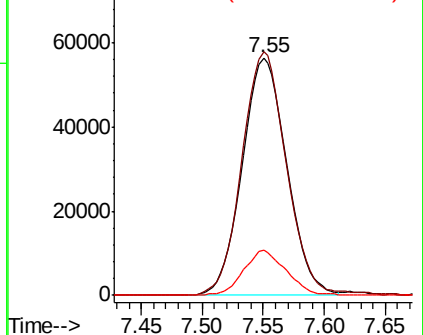


Abundance

Ion 112.80 (112.50 to 113.50): V

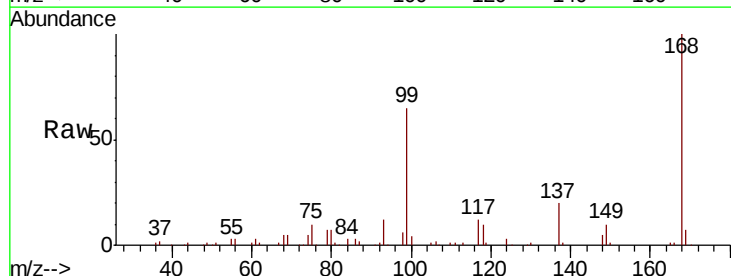
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
1,1-Dichloropropene
Concen: 5.046 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.13 min
Lab File: VN063941.D
Acq: 7 Oct 2020 14:31

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.5	16.9	50.6#
77	0.0	24.5	36.7#

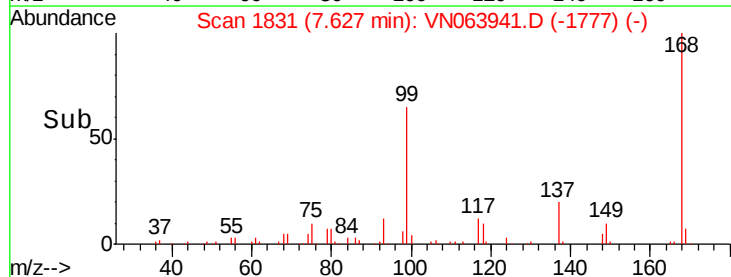
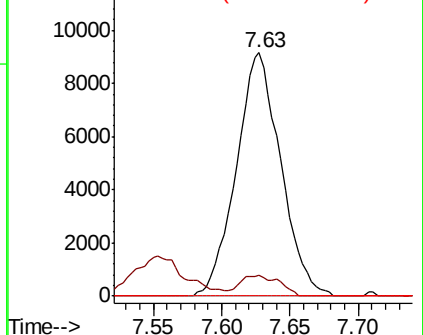


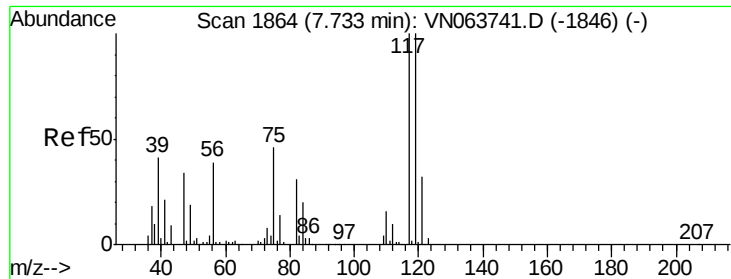
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 5.530 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.11 min

Lab File: VN063941.D

Acq: 7 Oct 2020 14:31

Instrument :

MSVOA_N

ClientSampleId :

B-2-MW-1

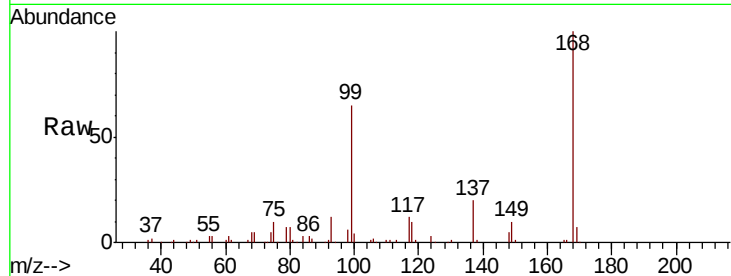
Tot Ion:117 Resp: 25386

Ion Ratio Lower Upper

117 100

119 4.9 80.1 120.1#

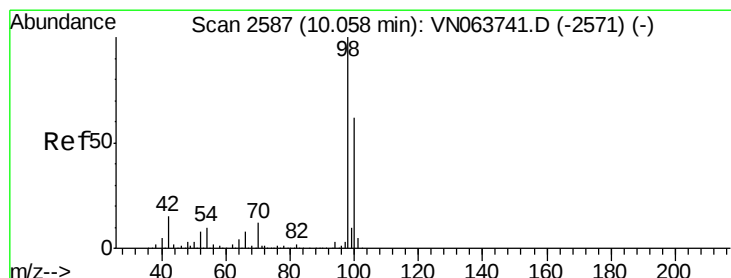
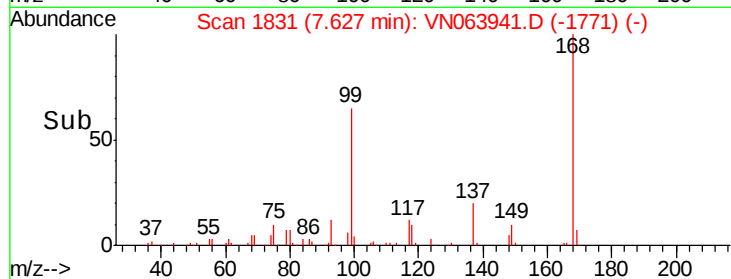
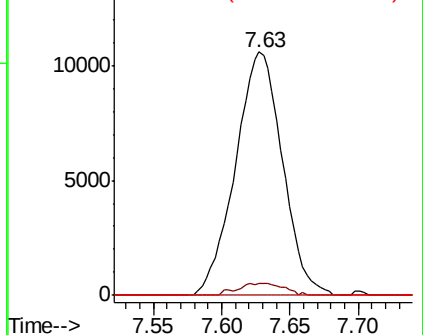
121 0.0 25.7 38.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 48.990 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063941.D

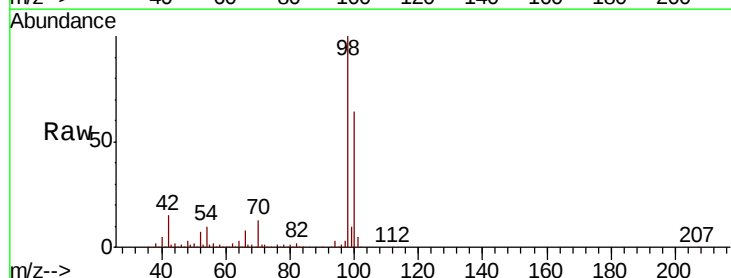
Acq: 7 Oct 2020 14:31

Tgt Ion: 98 Resp: 520765

Ion Ratio Lower Upper

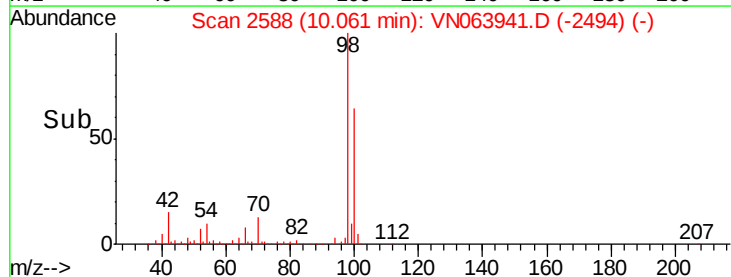
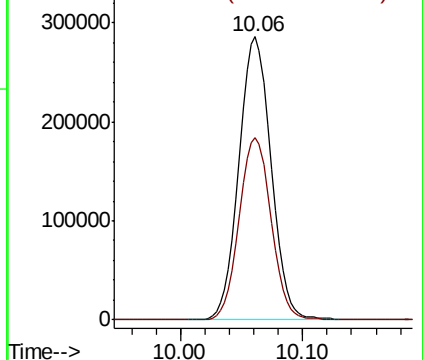
98 100

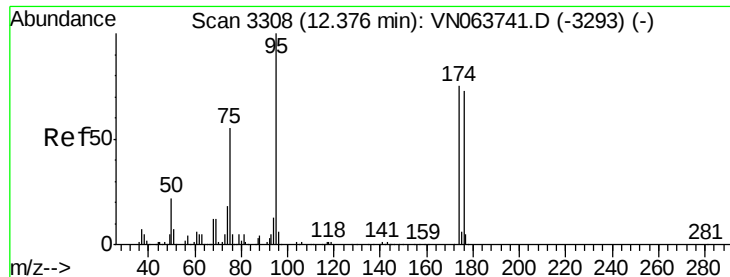
100 64.0 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 49.859 ug/l

RT: 12.38 min Scan# 3309

Delta R.T. 0.00 min

Lab File: VN063941.D

Acq: 7 Oct 2020 14:31

Instrument :

MSVOA_N

ClientSampleId :

B-2-MW-1

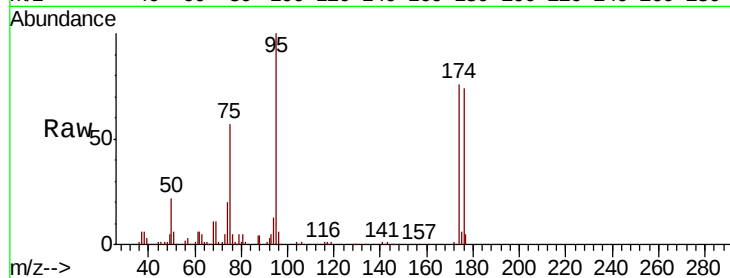
Tot Ion: 95 Resp: 199233

Ion Ratio Lower Upper

95 100

174 74.4 0.0 150.6

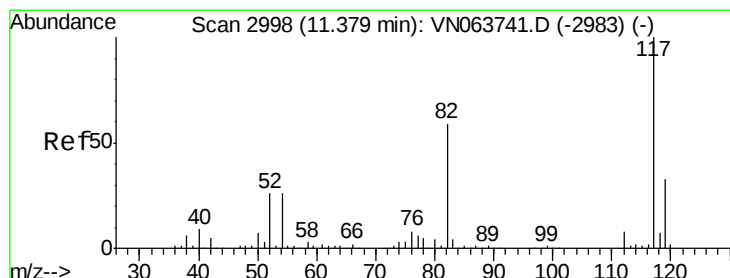
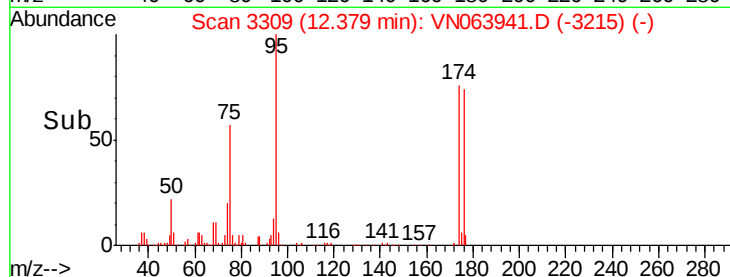
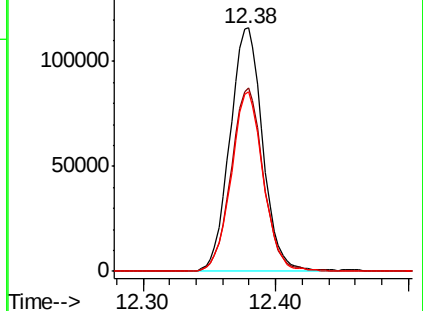
176 72.1 0.0 145.4



Abundance Ion 94.90 (94.60 to 95.60): VN063941.D (-3293) (-)

Ion 173.80 (173.50 to 174.50): VN063941.D (-3293) (-)

Ion 175.80 (175.50 to 176.50): VN063941.D (-3293) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN063941.D

Acq: 7 Oct 2020 14:31

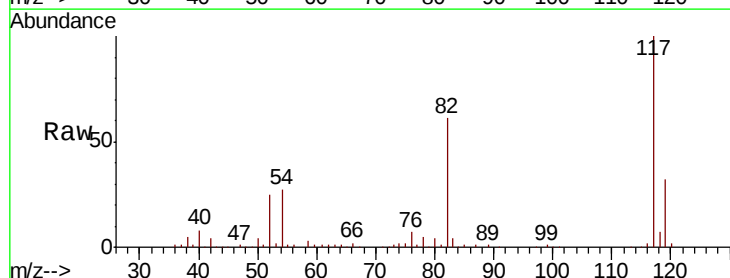
Tgt Ion: 117 Resp: 422964

Ion Ratio Lower Upper

117 100

82 60.9 47.4 71.2

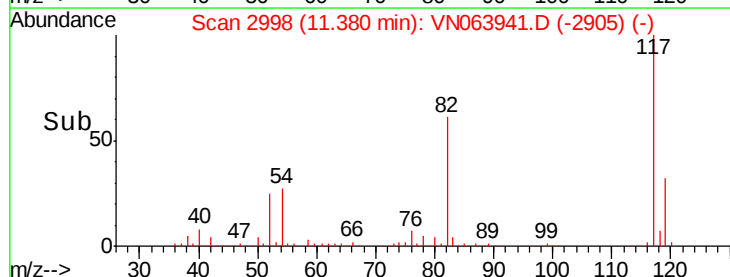
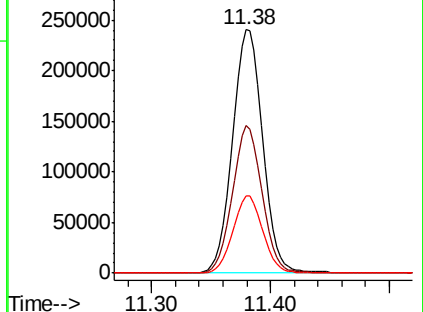
119 31.9 26.4 39.6

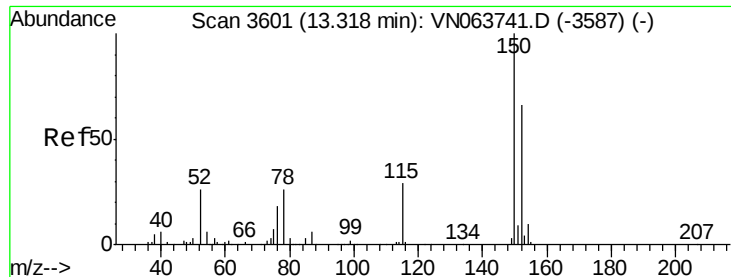


Abundance Ion 116.90 (116.60 to 117.60): VN063941.D (-2983) (-)

Ion 82.00 (81.70 to 82.70): VN063941.D (-2983) (-)

Ion 118.90 (118.60 to 119.60): VN063941.D (-2983) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063941.D

Acq: 7 Oct 2020 14:31

Instrument :

MSVOA_N

ClientSampleId :

B-2-MW-1

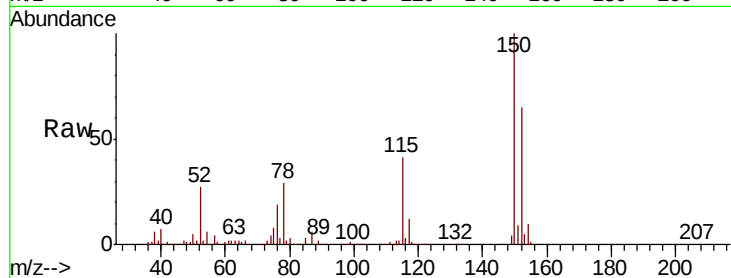
Tot Ion:152 Resp: 178284

Ion Ratio Lower Upper

152 100

115 61.0 31.3 93.8

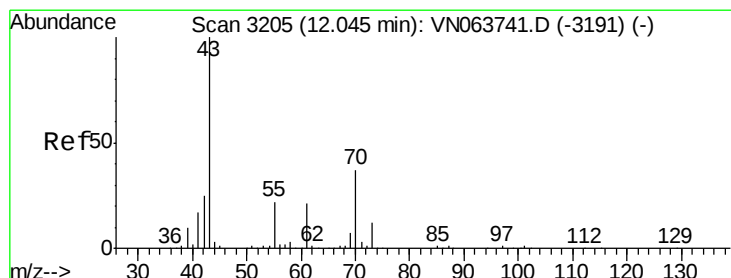
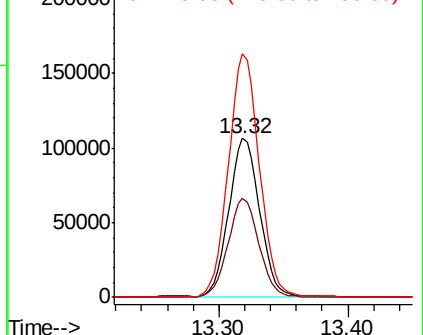
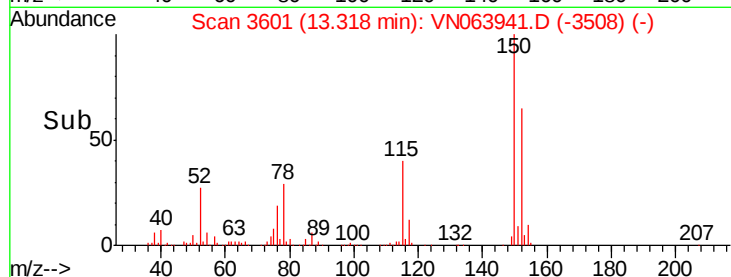
150 153.3 0.0 341.8



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: 2.278 ug/l

RT: 12.05 min Scan# 3207

Delta R.T. 0.01 min

Lab File: VN063941.D

Acq: 7 Oct 2020 14:31

Tgt Ion: 43 Resp: 394

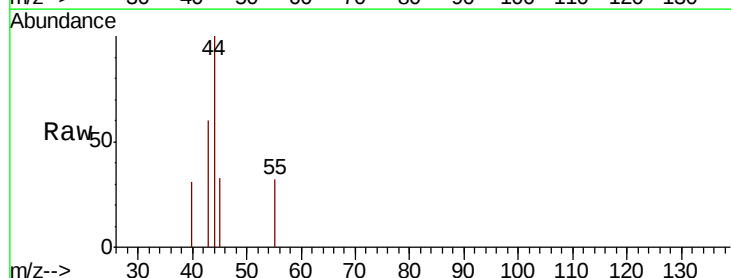
Ion Ratio Lower Upper

43 100

70 0.0 29.8 44.8#

55 40.9 17.9 26.9#

61 0.0 17.0 25.4#

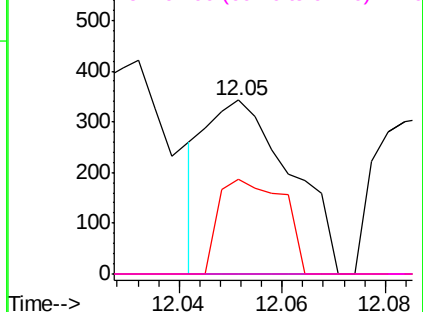
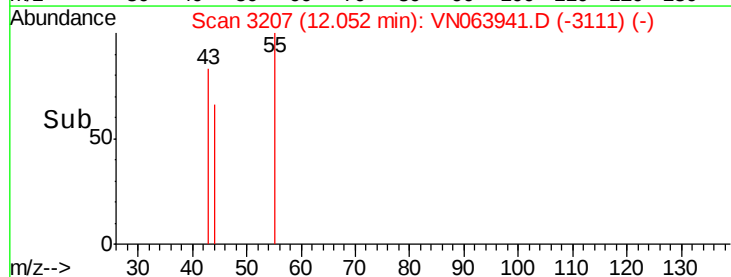


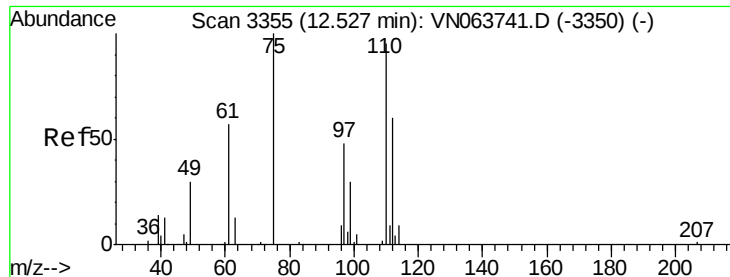
Abundance Ion 43.00 (42.70 to 43.70): V

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

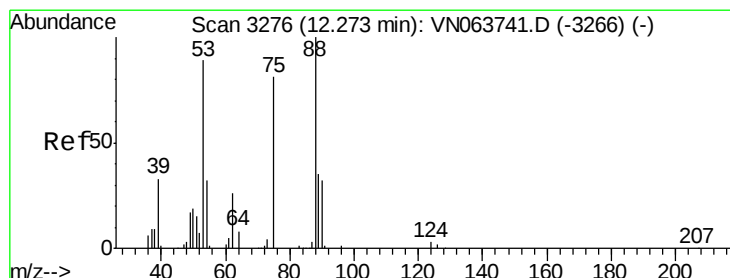
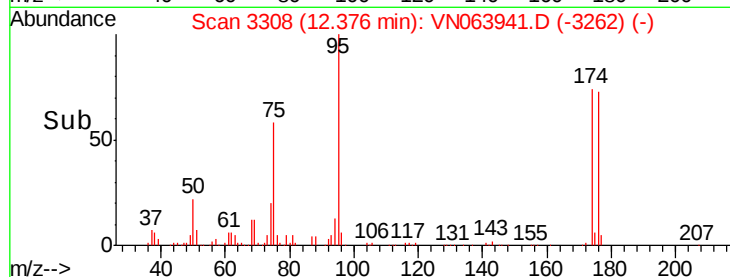
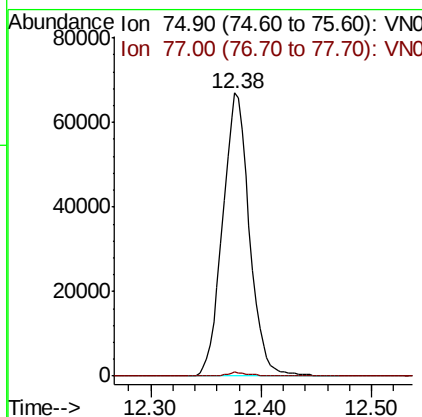
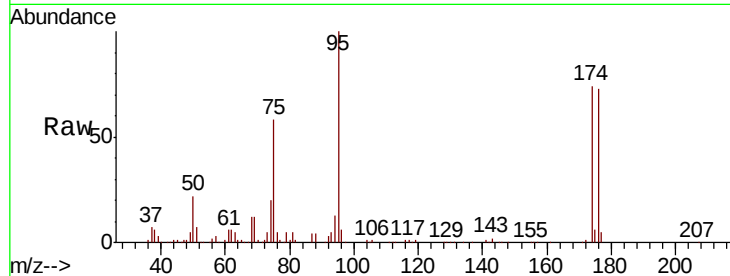




#76
 1,2,3-Trichloropropane
 Concen: 28.773 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.15 min
 Lab File: VN063941.D
 Acq: 7 Oct 2020 14:31

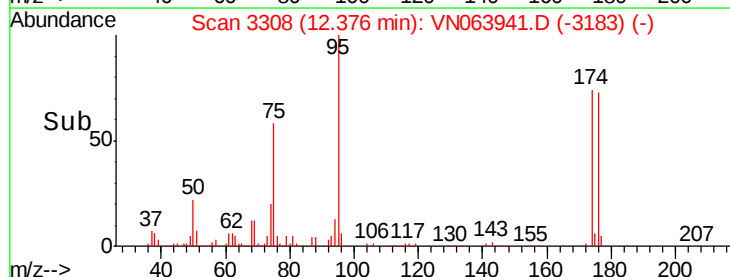
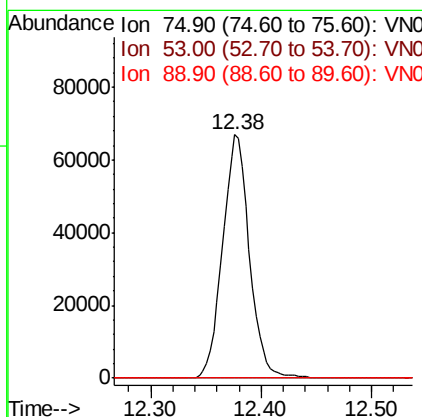
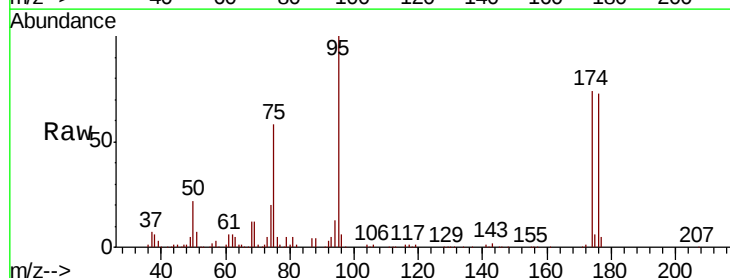
Instrument :
 MSVOA_N
 ClientSampleId :
 B-2-MW-1

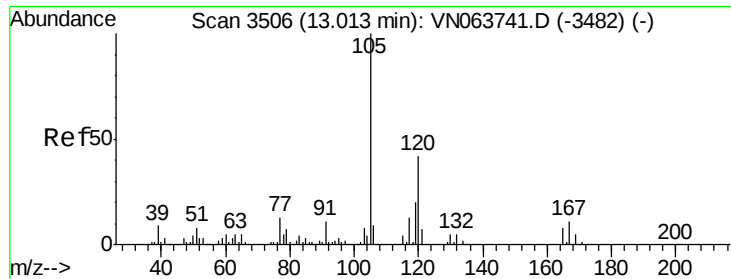
Tot Ion: 75 Resp: 113081
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.871 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.10 min
 Lab File: VN063941.D
 Acq: 7 Oct 2020 14:31

Tgt Ion: 75 Resp: 113081
 Ion Ratio Lower Upper
 75 100
 53 0.1 88.2 132.2#
 89 0.0 36.0 54.0#





#84

1,2,4-Trimethylbenzene

Concen: 0.978 ug/l

RT: 13.02 min Scan# 3508

Delta R.T. 0.01 min

Lab File: VN063941.D

Acq: 7 Oct 2020 14:31

Instrument :

MSVOA_N

ClientSampleId :

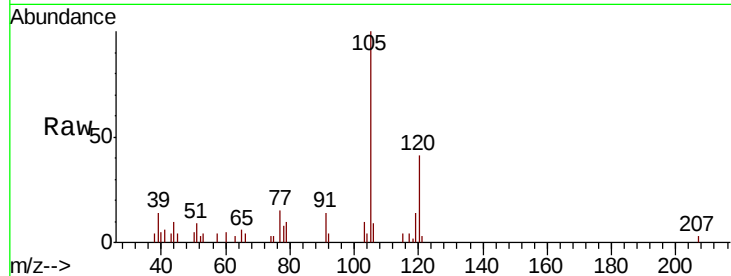
B-2-MW-1

Tot Ion:105 Resp: 10653

Ion Ratio Lower Upper

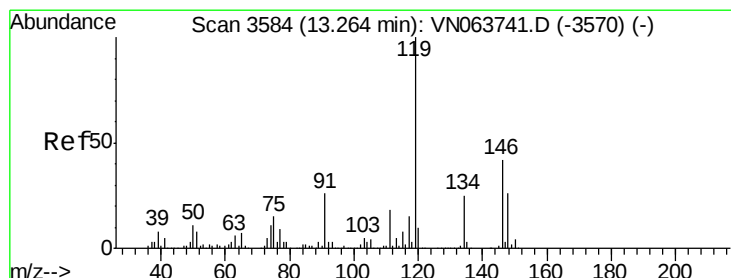
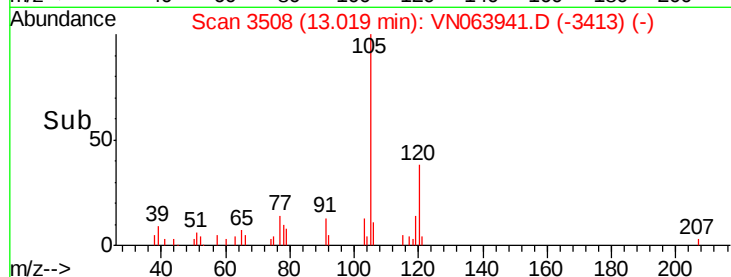
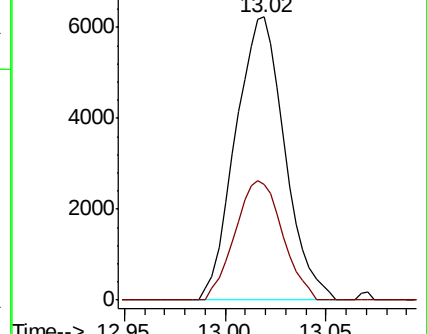
105 100

120 40.6 20.9 62.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#86

p-Isopropyltoluene

Concen: 2.590 ug/l

RT: 13.27 min Scan# 3585

Delta R.T. 0.00 min

Lab File: VN063941.D

Acq: 7 Oct 2020 14:31

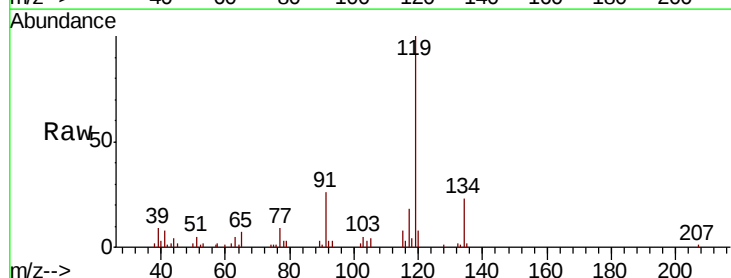
Tgt Ion:119 Resp: 26851

Ion Ratio Lower Upper

119 100

134 24.0 12.6 37.8

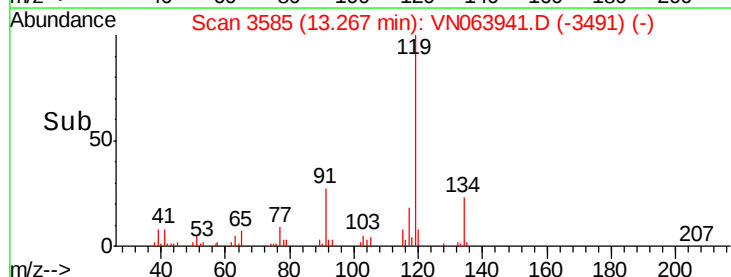
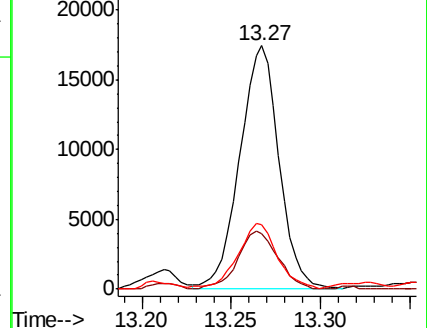
91 27.3 13.4 40.2

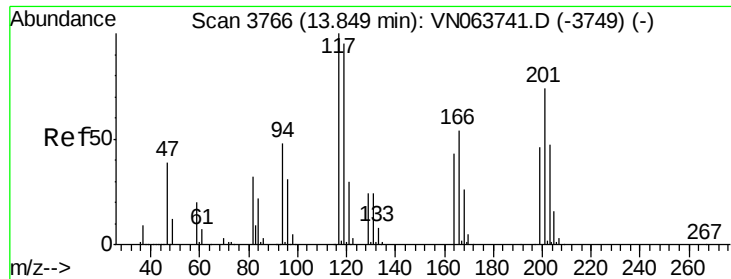


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#90

Hexachloroethane

Concen: 0.513 ug/l

RT: 13.86 min Scan# 3770

Delta R.T. 0.01 min

Lab File: VN063941.D

Acq: 7 Oct 2020 14:31

Instrument :

MSVOA_N

ClientSampleId :

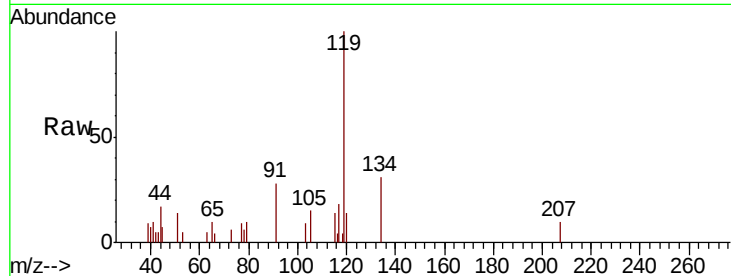
B-2-MW-1

Tot Ion:117 Resp: 1031

Ion Ratio Lower Upper

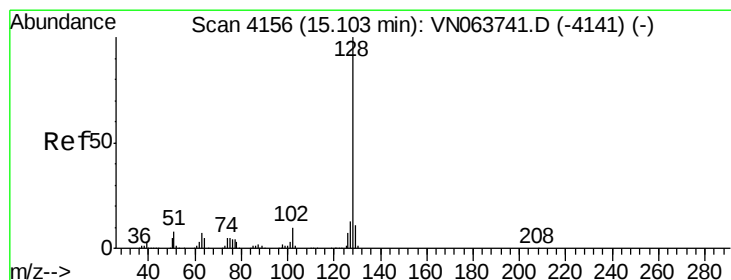
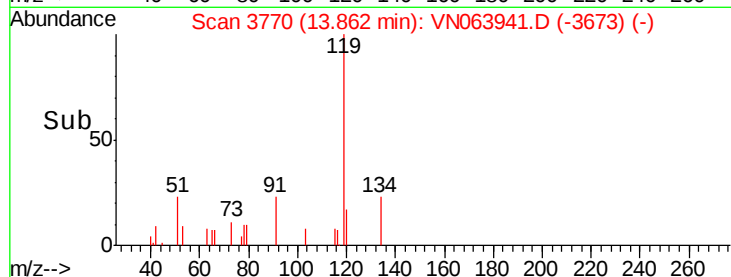
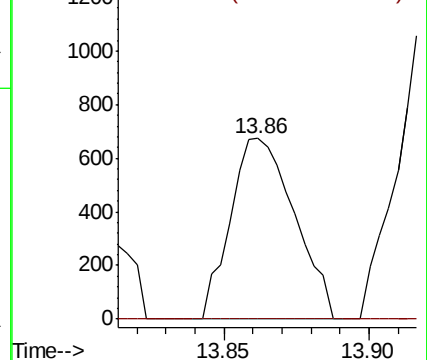
117 100

201 0.0 36.0 108.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 15.190 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN063941.D

Acq: 7 Oct 2020 14:31

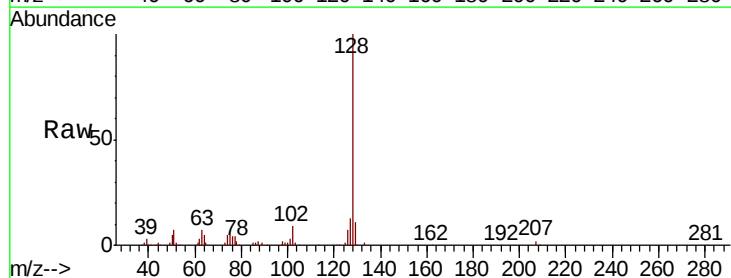
Tgt Ion:128 Resp: 132719

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

129 11.2 8.7 13.1



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

