

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100720\
 Data File : VN063948.D
 Acq On : 7 Oct 2020 17:19
 Operator : JC/MD
 Sample : L4250-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-06

Quant Time: Oct 08 05:02:14 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	243401	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	449217	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	463709	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	200252	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	209931	52.21	ug/l	0.00
Spiked Amount			Recovery	=	104.42%	
35) Dibromofluoromethane	7.55	113	151438	48.58	ug/l	0.00
Spiked Amount			Recovery	=	97.16%	
50) Toluene-d8	10.06	98	585009	49.51	ug/l	0.00
Spiked Amount			Recovery	=	99.02%	
62) 4-Bromofluorobenzene	12.38	95	232124	52.26	ug/l	0.00
Spiked Amount			Recovery	=	104.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	1644	0.546	ug/l #	79
13) Acrolein	3.72	56	129	0.473	ug/l #	14
14) Allyl chloride	4.49	41	8449	1.856	ug/l #	74
16) Acetone	3.78	43	6483	5.237	ug/l #	81
17) Carbon Disulfide	4.03	76	546	0.782	ug/l #	76
18) Methyl Acetate	4.48	43	17385	5.409	ug/l #	54
20) Methylene Chloride	4.51	84	1374	0.582	ug/l	86
25) 2-Butanone	6.78	43	1014	0.578	ug/l #	51
31) Cyclohexane	7.62	56	11313	2.423	ug/l #	61
36) 1,1-Dichloropropene	7.63	75	22040	4.843	ug/l #	51
38) Carbon Tetrachloride	7.63	117	27973	5.481	ug/l #	13
39) Methylcyclohexane	9.05	83	8028	1.769	ug/l #	48
40) Benzene	8.00	78	49769	3.829	ug/l	96
43) Isopropyl Acetate	8.11	43	4940	0.662	ug/l #	64
48) Methyl methacrylate	9.19	41	11349	3.080	ug/l #	32
51) 4-Methyl-2-Pentanone	9.99	43	11158	2.549	ug/l #	82
52) Toluene	10.12	92	2648	0.329	ug/l	92
55) 1,1,2-Trichloroethane	10.50	97	5411	1.678	ug/l #	19
58) 2-Chloroethyl Vinyl ether	9.62	63	894	0.366	ug/l #	49
59) 2-Hexanone	10.69	43	2949	0.907	ug/l #	28
67) Ethyl Benzene	11.49	91	9707	0.561	ug/l	95
68) m/p-Xylenes	11.59	106	5178	0.803	ug/l	96
69) o-Xylene	11.92	106	1850	0.307	ug/l	95
71) Bromoform	12.38	173	1528	0.548	ug/l #	1
73) Isopropylbenzene	12.23	105	158653	10.862	ug/l	98
74) N-amyl acetate	12.03	43	2067	2.507	ug/l #	49
76) 1,2,3-Trichloropropane	12.57	75	4107	0.930	ug/l #	100
78) n-propylbenzene	12.57	91	400301	23.549	ug/l	98
79) 2-Chlorotoluene	12.57	91	400301	38.290	ug/l #	43
80) 1,3,5-Trimethylbenzene	12.86	105	13963	1.139	ug/l	77
81) trans-1,4-Dichloro-2-buten	12.38	75	131082	85.525	ug/l #	7
82) 4-Chlorotoluene	12.57	91	400301	36.884	ug/l #	44
83) tert-Butylbenzene	12.96	119	2199	0.219	ug/l #	82
84) 1,2,4-Trimethylbenzene	13.02	105	5705	0.466	ug/l	97

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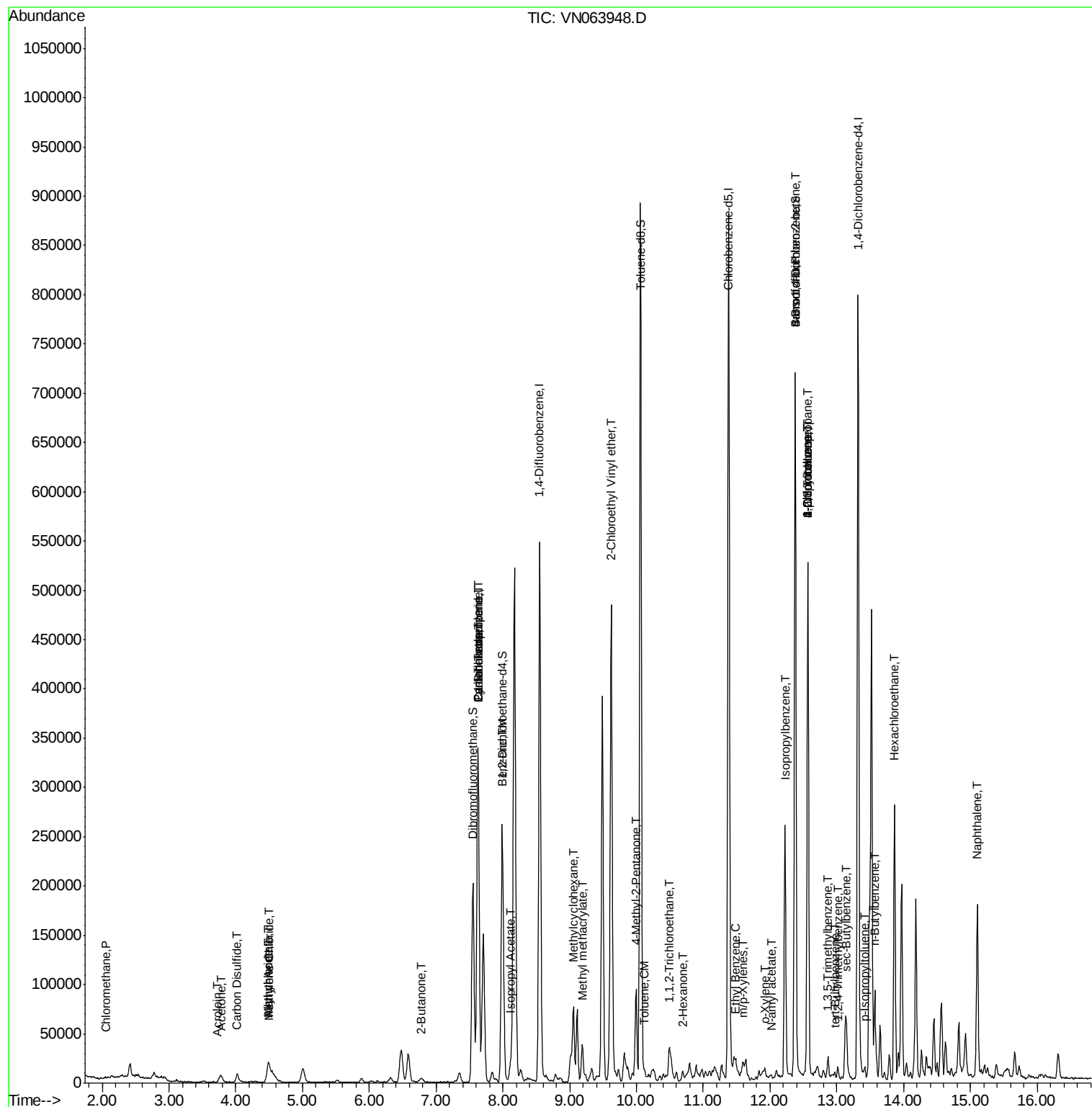
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85) sec-Butylbenzene	13.14	105	27837	2.114	ug/l #	42
86) p-Isopropyltoluene	13.41	119	5263	0.452	ug/l	92
89) n-Butylbenzene	13.57	91	6316	0.588	ug/l #	1
90) Hexachloroethane	13.86	117	15712	6.962	ug/l #	14
95) Naphthalene	15.11	128	142419	14.598	ug/l	99

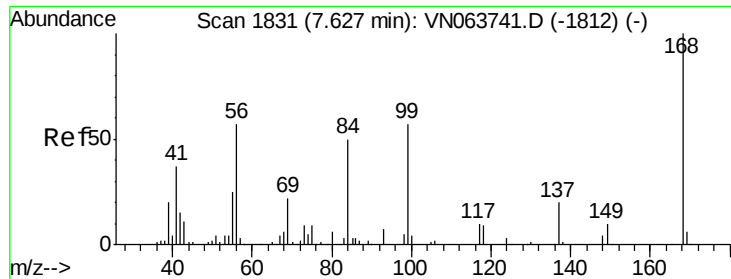
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN063948.D

Acq: 7 Oct 2020 17:19

Instrument :

MSVOA_N

ClientSampleId :

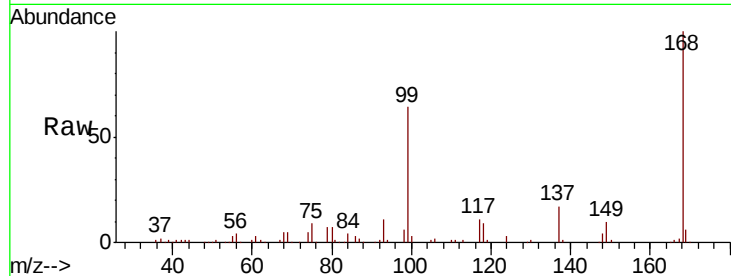
MW-06

Tot Ion:168 Resp: 243401

Ion Ratio Lower Upper

168 100

99 64.0 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

120000

100000

80000

60000

40000

20000

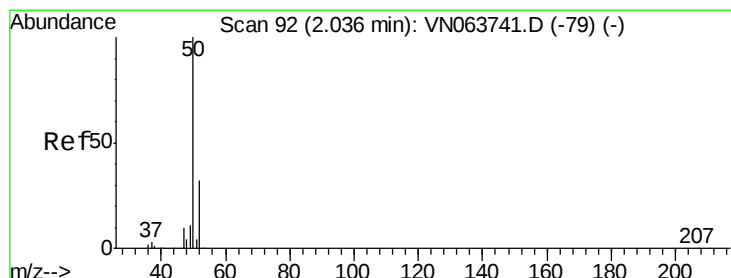
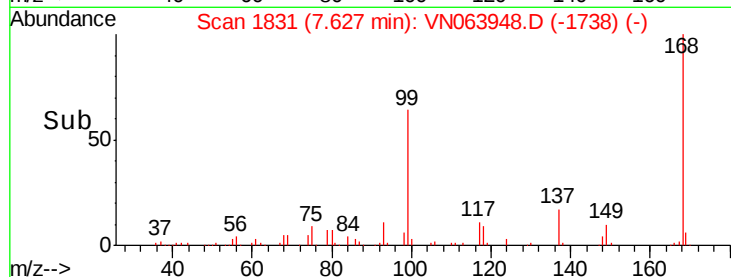
0

7.50

7.60

7.70

Time-->



#3

Chloromethane

Concen: 0.546 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN063948.D

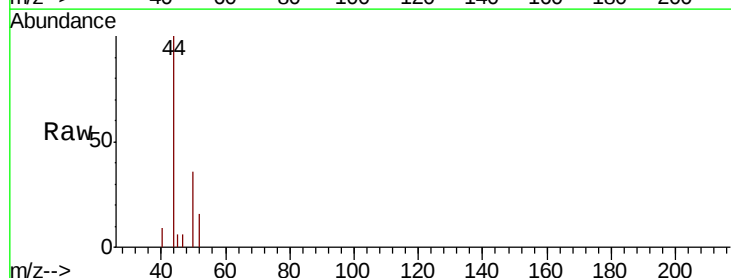
Acq: 7 Oct 2020 17:19

Tgt Ion: 50 Resp: 1644

Ion Ratio Lower Upper

50 100

52 44.2 25.8 38.8#



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

1500

1000

500

0

2.00

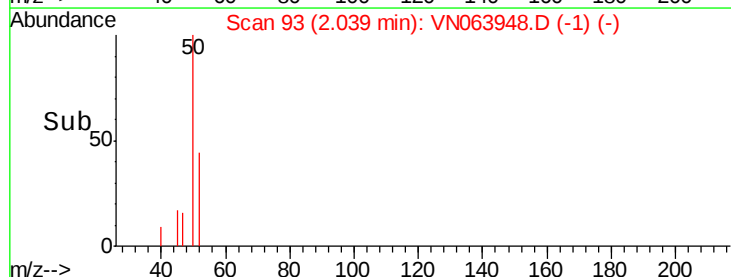
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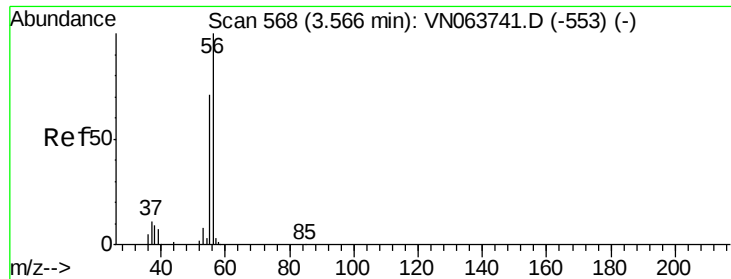
2.04

2.06

2.08

Time-->





#13

Acrolein

Concen: 0.473 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.15 min

Lab File: VN063948.D

Acq: 7 Oct 2020 17:19

Instrument :

MSVOA_N

ClientSampled :

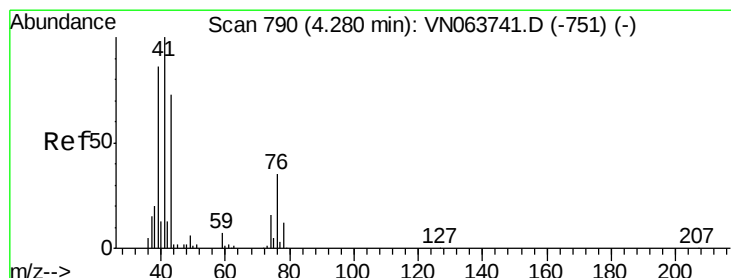
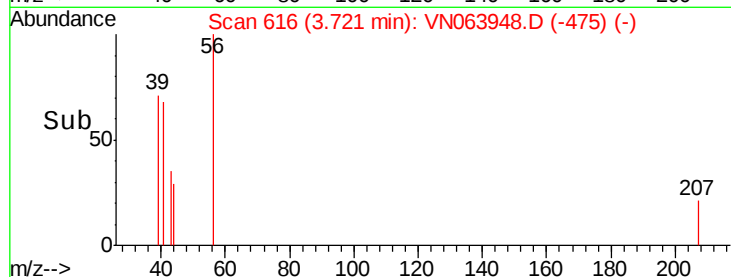
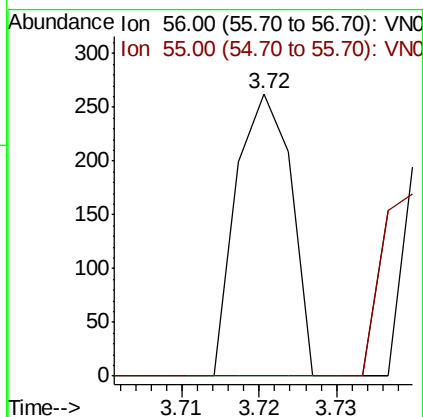
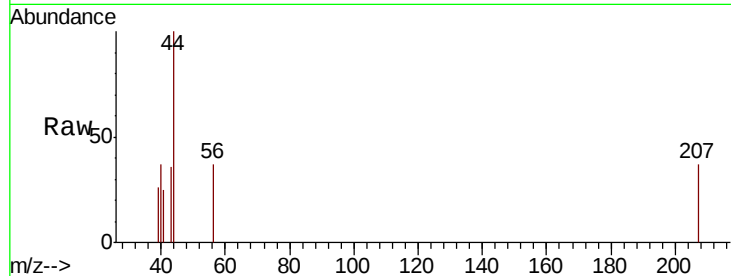
MW-06

Tot Ion: 56 Resp: 129

Ion Ratio Lower Upper

56 100

55 0.0 56.9 85.3#



#14

Allyl chloride

Concen: 1.856 ug/l

RT: 4.49 min Scan# 854

Delta R.T. 0.21 min

Lab File: VN063948.D

Acq: 7 Oct 2020 17:19

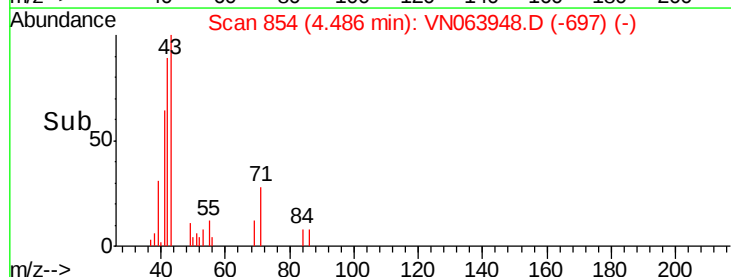
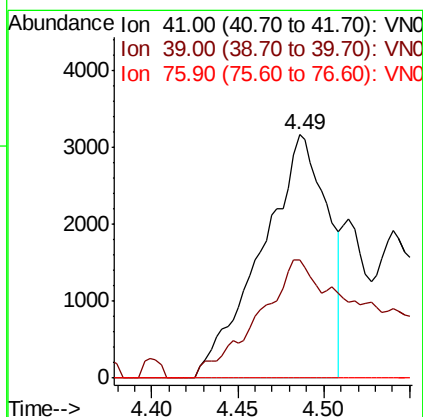
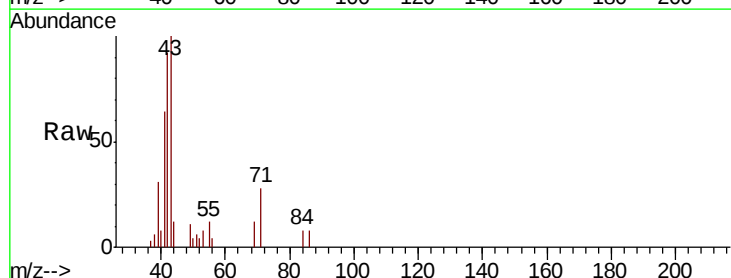
Tgt Ion: 41 Resp: 8449

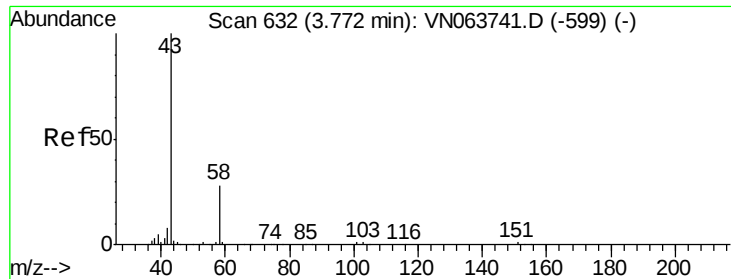
Ion Ratio Lower Upper

41 100

39 68.6 64.5 96.7

76 0.0 25.9 38.9#

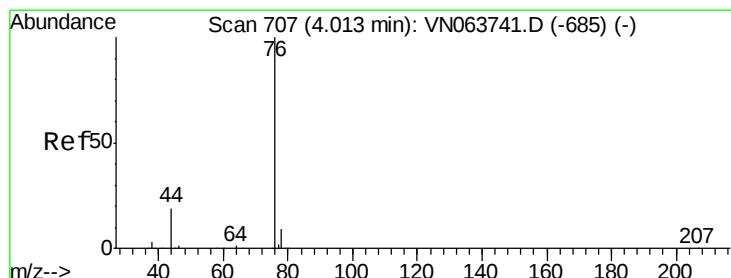
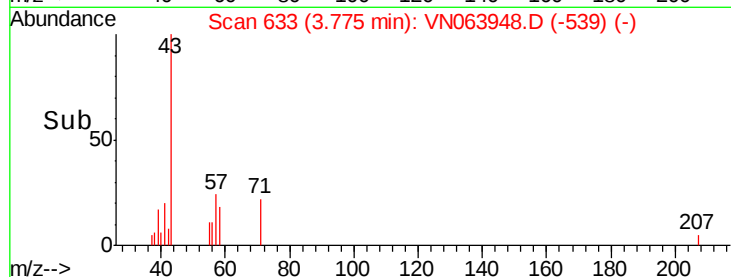
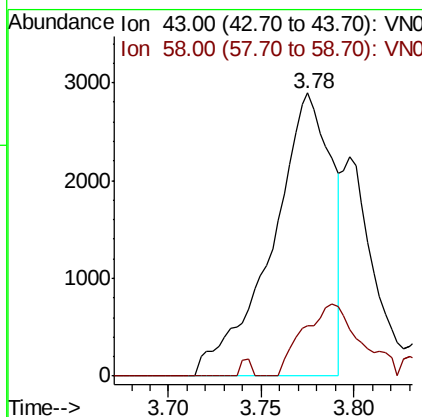
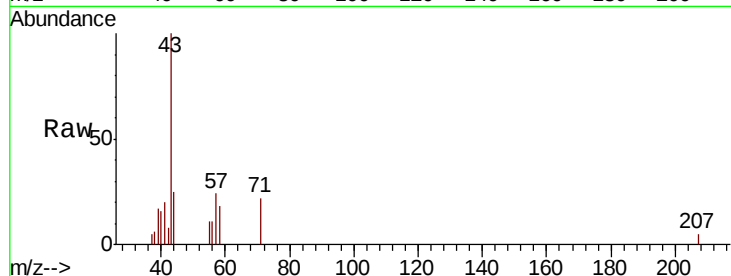




#16
Acetone
Concen: 5.237 ug/l
RT: 3.78 min Scan# 633
Delta R.T. 0.00 min
Lab File: VN063948.D
Acq: 7 Oct 2020 17:19

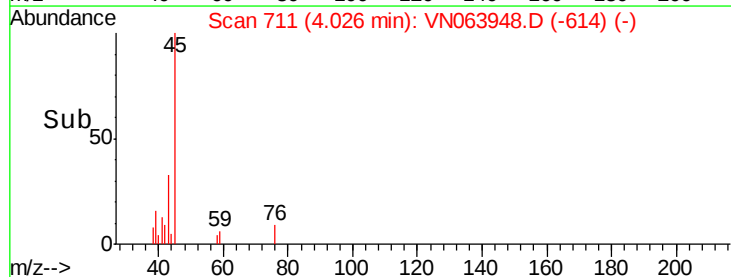
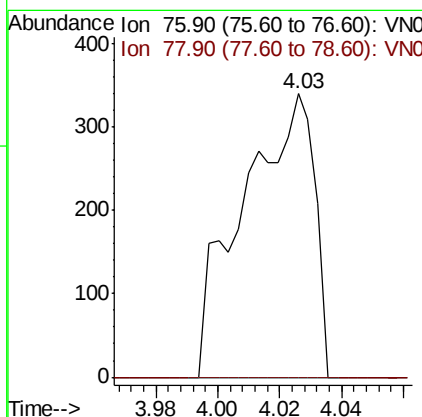
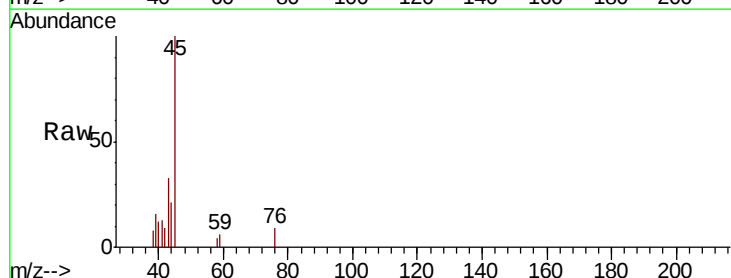
Instrument :
MSVOA_N
ClientSampled :
MW-06

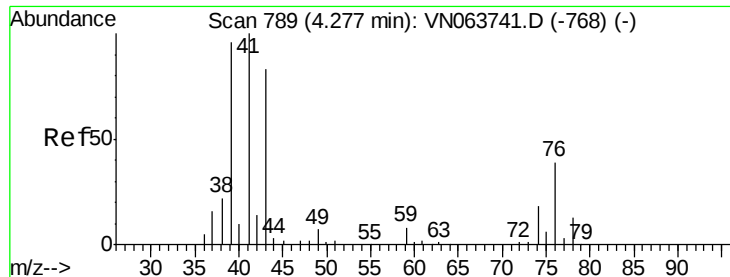
Tot Ion: 43 Resp: 6483
Ion Ratio Lower Upper
43 100
58 18.0 22.3 33.5#



#17
Carbon Disulfide
Concen: 0.782 ug/l
RT: 4.03 min Scan# 711
Delta R.T. 0.01 min
Lab File: VN063948.D
Acq: 7 Oct 2020 17:19

Tgt Ion: 76 Resp: 546
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#

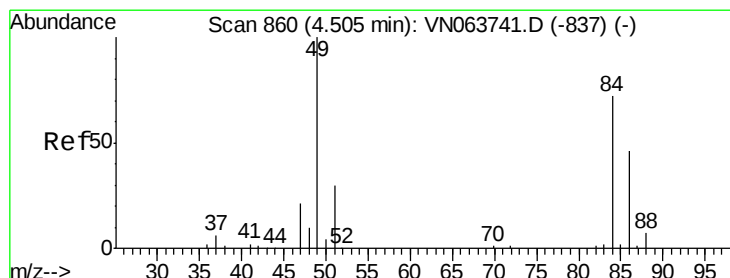
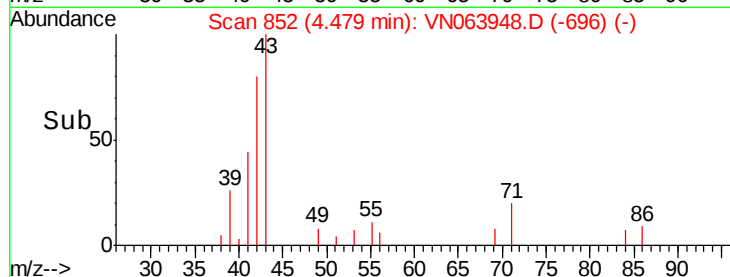
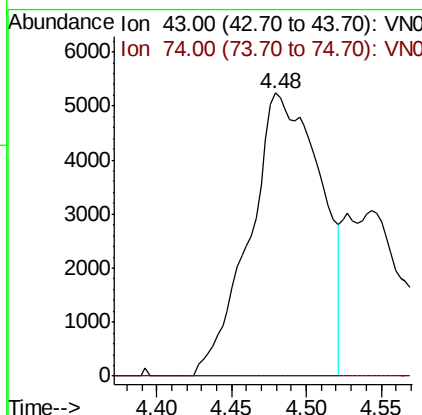
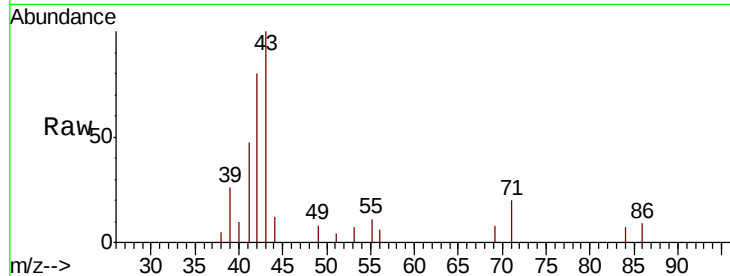




#18
Methyl Acetate
Concen: 5.409 ug/l
RT: 4.48 min Scan# 852
Delta R.T. 0.20 min
Lab File: VN063948.D
Acq: 7 Oct 2020 17:19

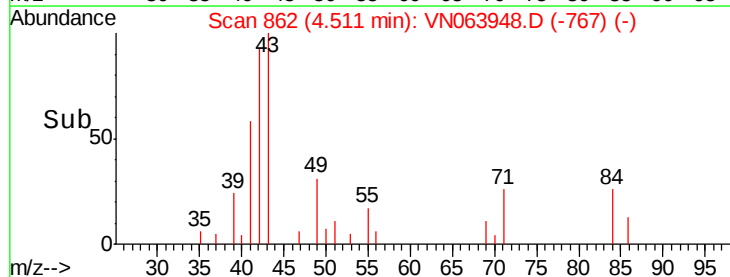
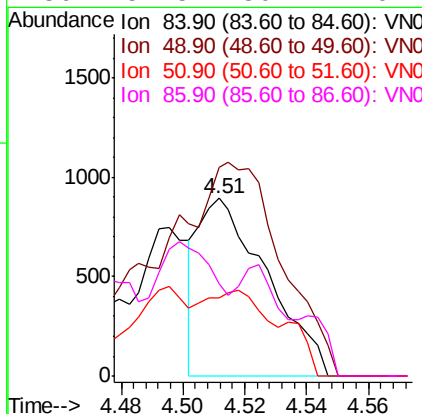
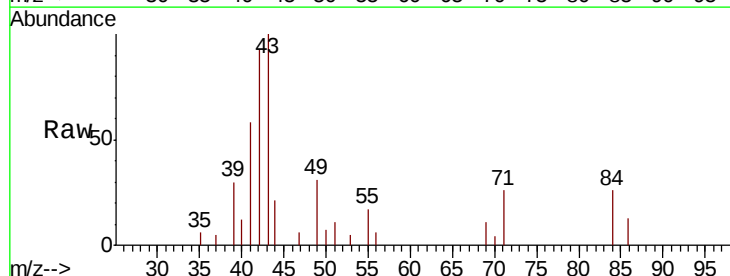
Instrument :
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MW-06

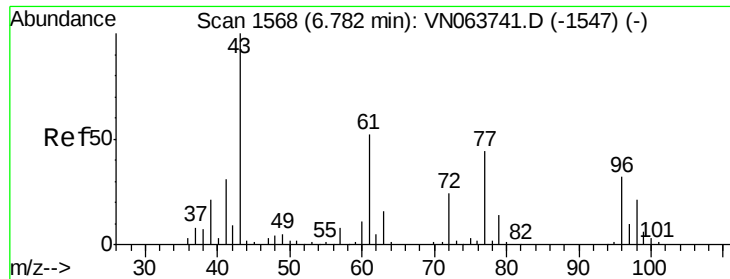
Tot Ion: 43 Resp: 17385
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.2#



#20
Methylene Chloride
Concen: 0.582 ug/l
RT: 4.51 min Scan# 862
Delta R.T. 0.01 min
Lab File: VN063948.D
Acq: 7 Oct 2020 17:19

Tgt Ion: 84 Resp: 1374
Ion Ratio Lower Upper
84 100
49 117.4 110.4 165.6
51 44.2 33.3 49.9
86 51.5 50.7 76.1

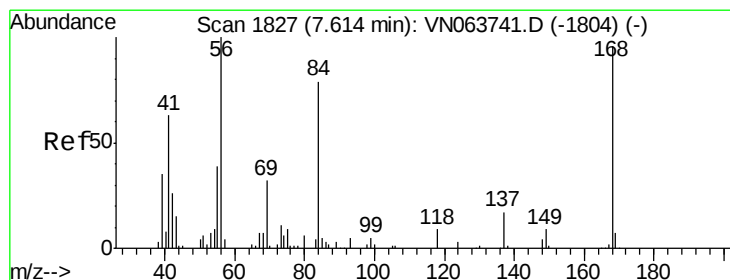
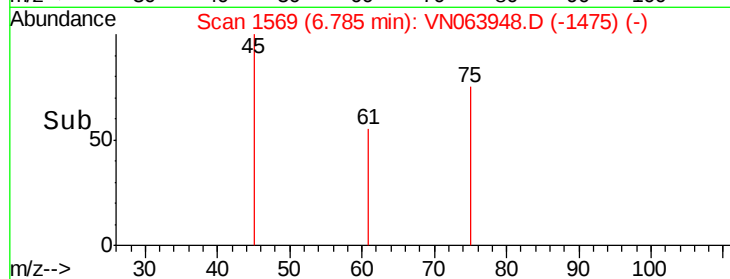
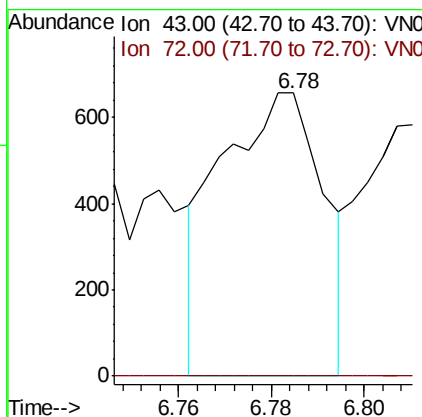
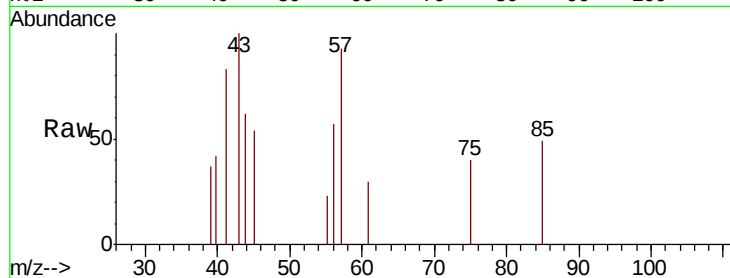




#25
2-Butanone
Concen: 0.578 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN063948.D
Acq: 7 Oct 2020 17:19

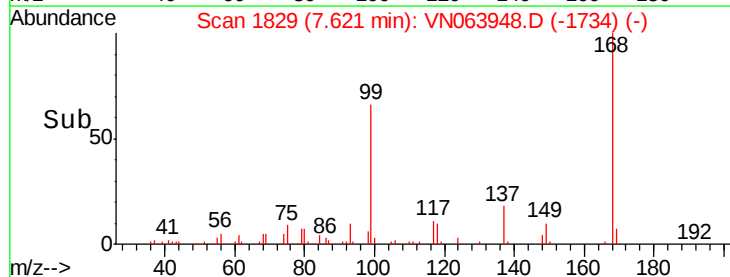
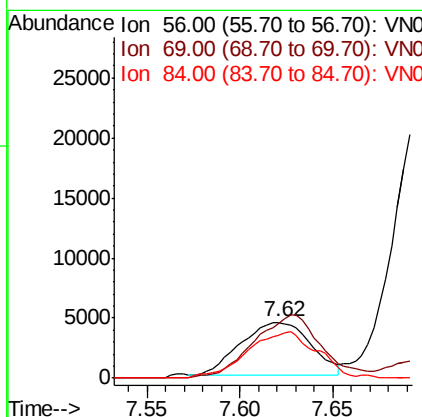
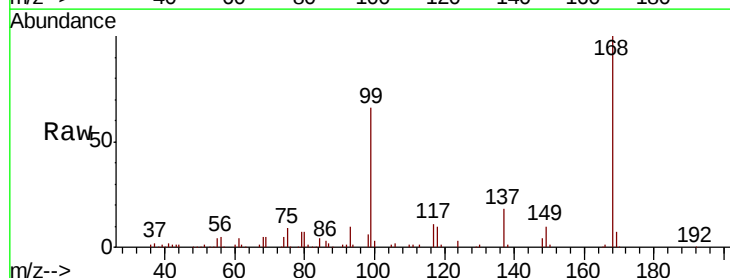
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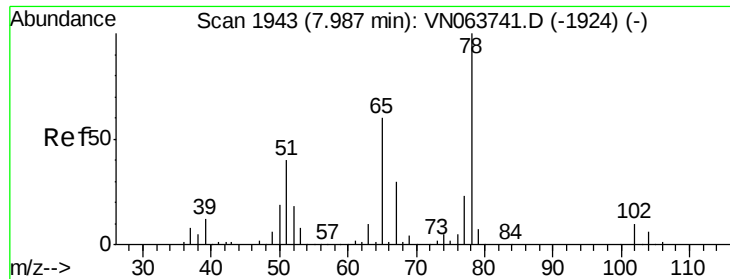
Tot Ion: 43 Resp: 1014
Ion Ratio Lower Upper
43 100
72 0.0 19.3 28.9#



#31
Cyclohexane
Concen: 2.423 ug/l
RT: 7.62 min Scan# 1829
Delta R.T. 0.01 min
Lab File: VN063948.D
Acq: 7 Oct 2020 17:19

Tgt Ion: 56 Resp: 11313
Ion Ratio Lower Upper
56 100
69 103.8 25.4 38.2#
84 81.2 63.3 94.9

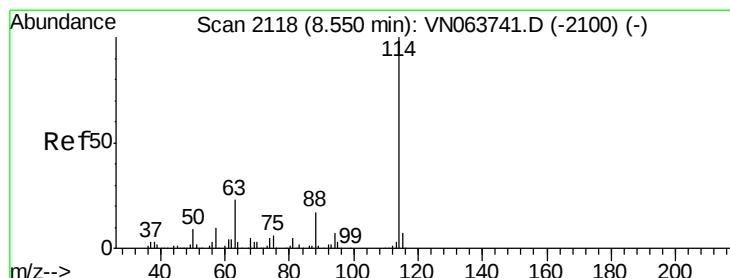
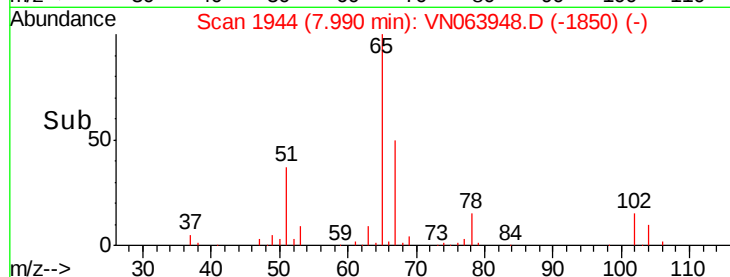
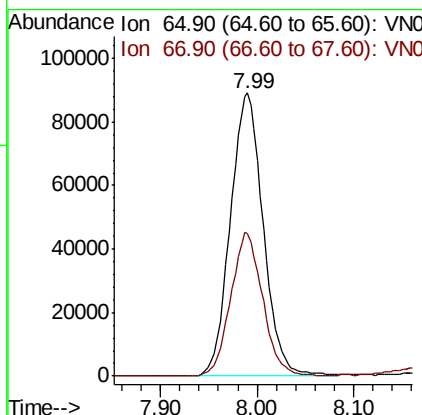
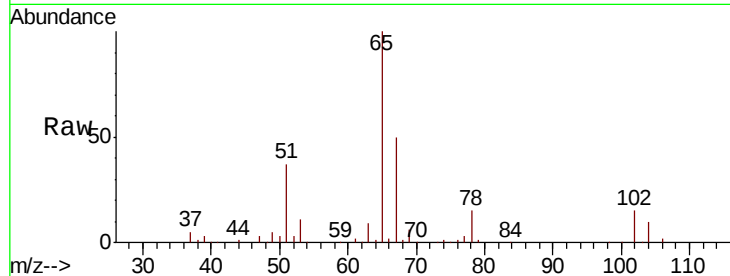




#33
 1,2-Dichloroethane-d4
 Concen: 52.207 ug/l
 RT: 7.99 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN063948.D
 Acq: 7 Oct 2020 17:19

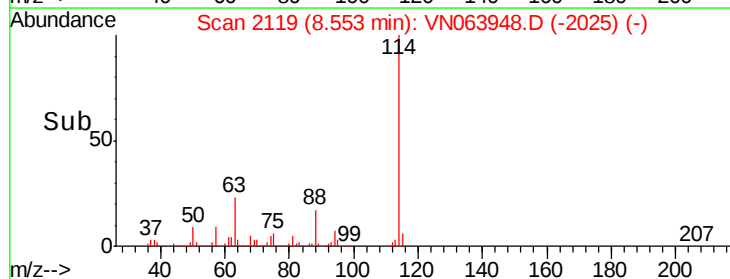
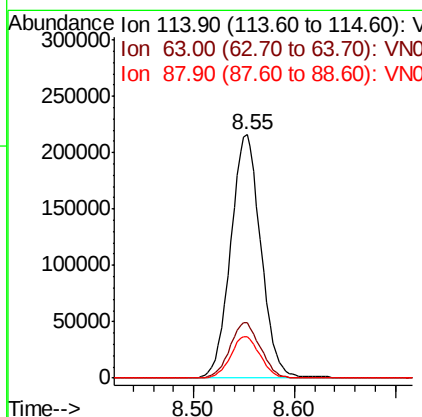
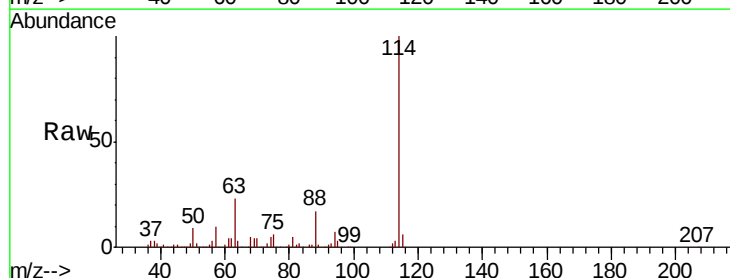
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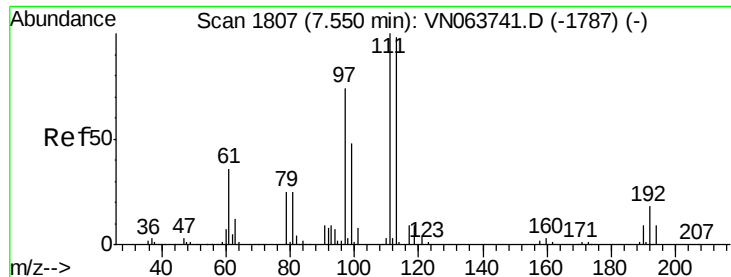
Tot Ion: 65 Resp: 209931
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN063948.D
 Acq: 7 Oct 2020 17:19

Tgt Ion: 114 Resp: 449217
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 45.0
 88 16.8 0.0 34.0

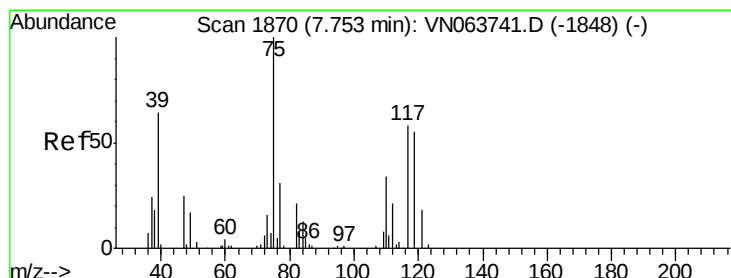
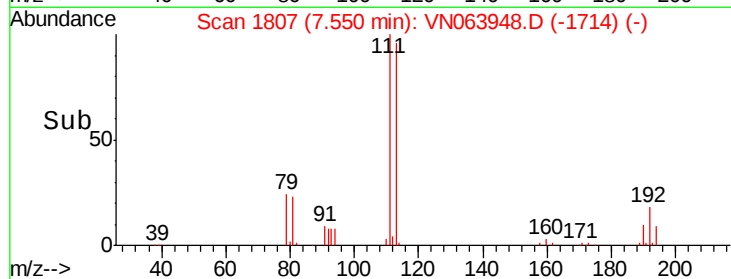
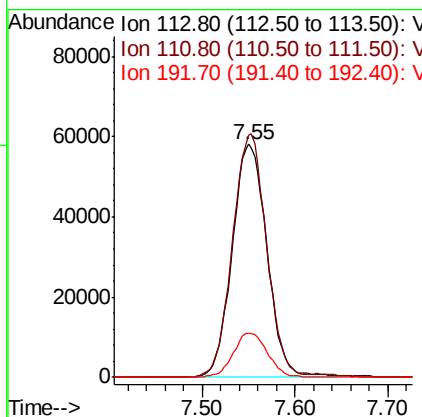
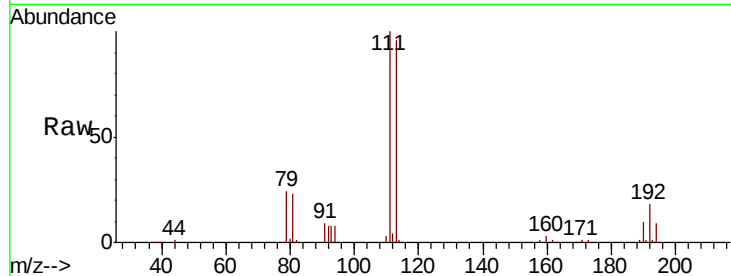




#35
Dibromofluoromethane
Concen: 48.584 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. -0.00 min
Lab File: VN063948.D
Acq: 7 Oct 2020 17:19

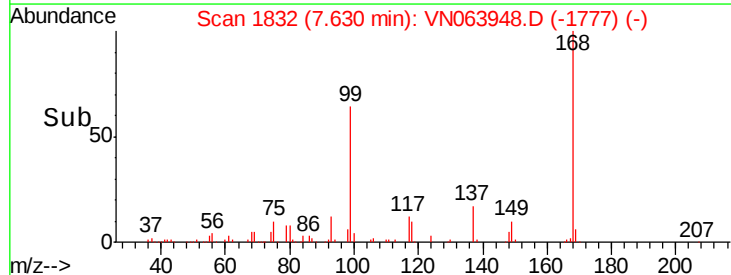
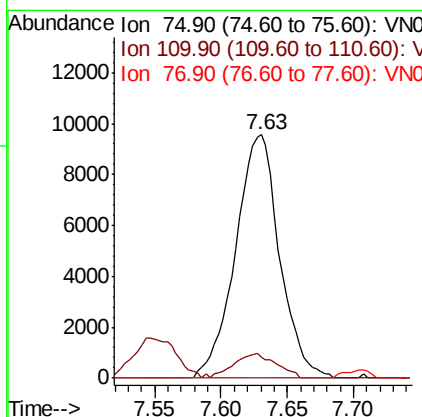
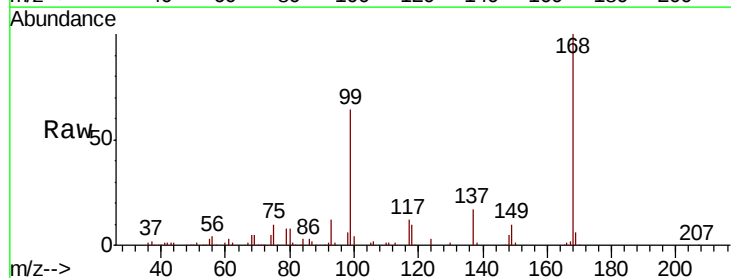
Instrument :
MSVOA_N
ClientSampleId :
MW-06

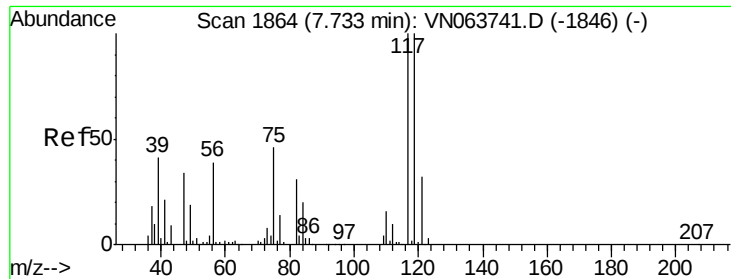
Tot Ion:113 Resp: 151438
Ion Ratio Lower Upper
113 100
111 101.9 81.8 122.8
192 18.6 14.2 21.2



#36
1,1-Dichloropropene
Concen: 4.843 ug/l
RT: 7.63 min Scan# 1832
Delta R.T. -0.12 min
Lab File: VN063948.D
Acq: 7 Oct 2020 17:19

Tgt Ion: 75 Resp: 22040
Ion Ratio Lower Upper
75 100
110 9.7 16.9 50.6#
77 0.0 24.5 36.7#





#38

Carbon Tetrachloride

Concen: 5.481 ug/l

RT: 7.63 min Scan# 1832

Delta R.T. -0.10 min

Lab File: VN063948.D

Acq: 7 Oct 2020 17:19

Instrument :

MSVOA_N

ClientSampled :

MW-06

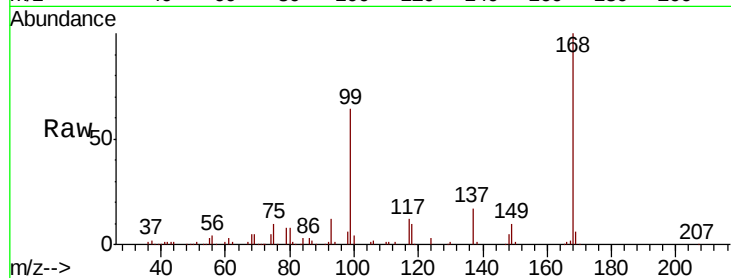
Tot Ion:117 Resp: 27973

Ion Ratio Lower Upper

117 100

119 4.1 80.1 120.1#

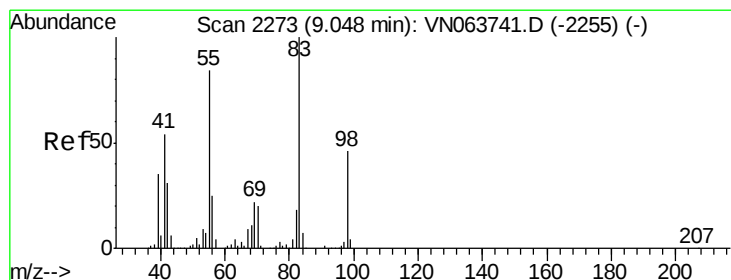
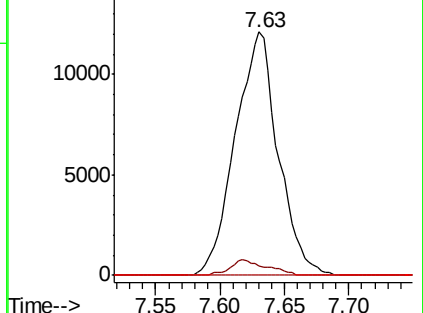
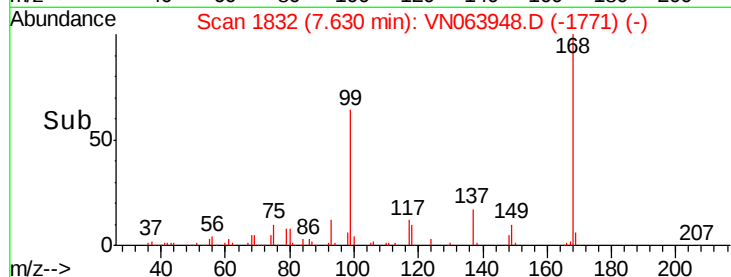
121 0.0 25.7 38.5#



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



#39

Methylcyclohexane

Concen: 1.769 ug/l

RT: 9.05 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VN063948.D

Acq: 7 Oct 2020 17:19

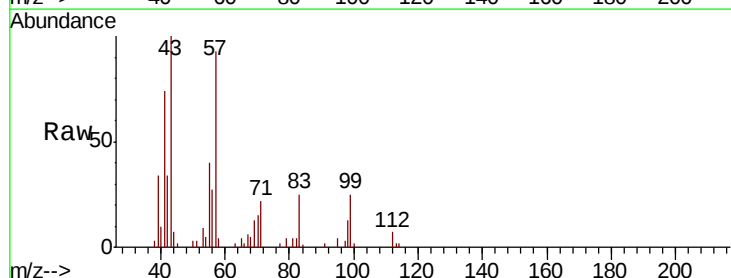
Tgt Ion: 83 Resp: 8028

Ion Ratio Lower Upper

83 100

55 150.9 67.1 100.7#

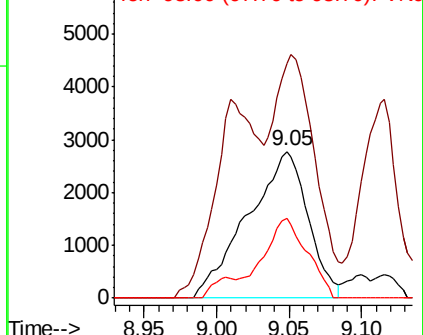
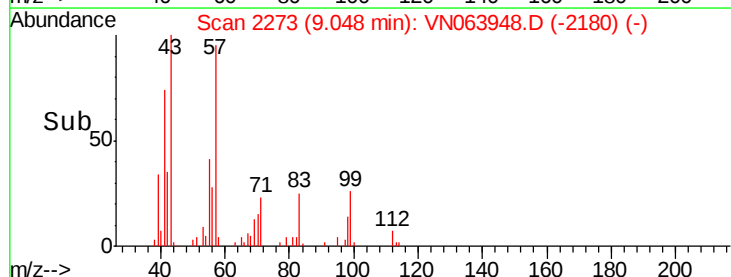
98 54.1 36.6 54.8

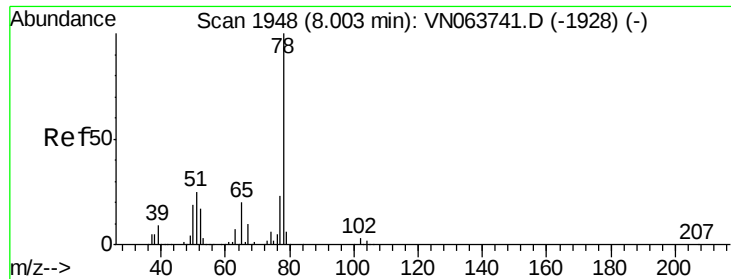


Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0





#40

Benzene

Concen: 3.829 ug/l

RT: 8.00 min Scan# 1948

Delta R.T. -0.00 min

Lab File: VN063948.D

Acq: 7 Oct 2020 17:19

Instrument :

MSVOA_N

ClientSampleId :

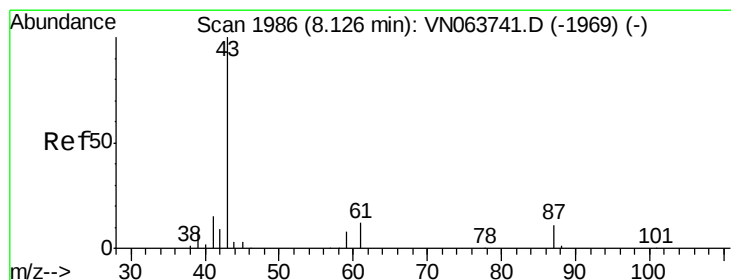
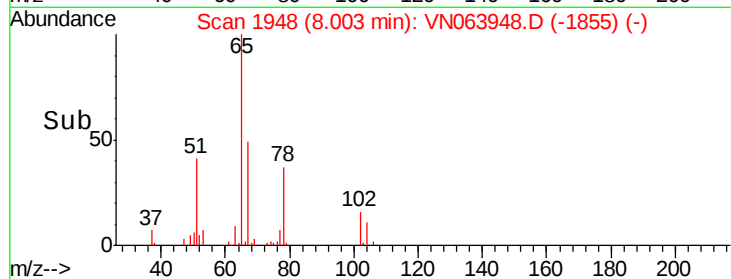
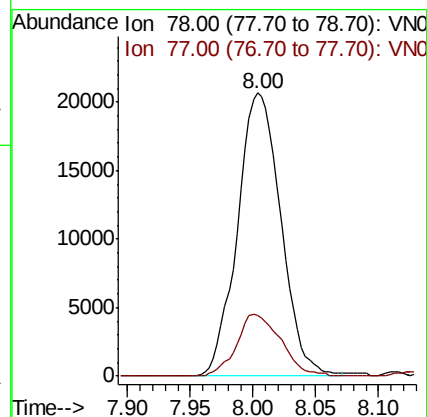
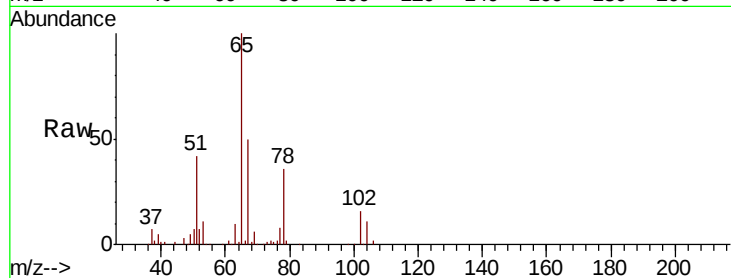
MW-06

Tot Ion: 78 Resp: 49769

Ion Ratio Lower Upper

78 100

77 21.4 18.7 28.1



#43

Isopropyl Acetate

Concen: 0.662 ug/l

RT: 8.11 min Scan# 1981

Delta R.T. -0.02 min

Lab File: VN063948.D

Acq: 7 Oct 2020 17:19

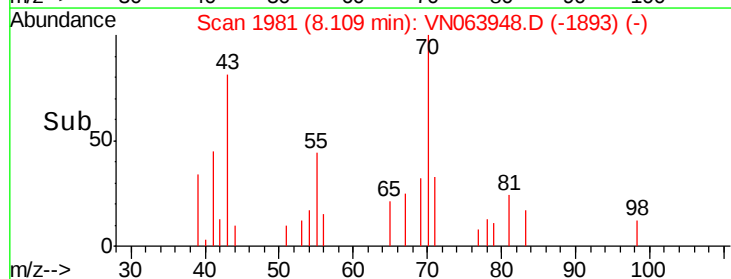
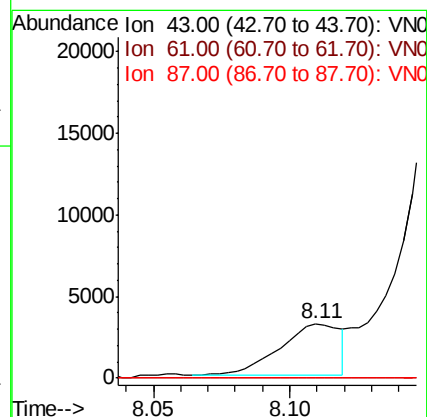
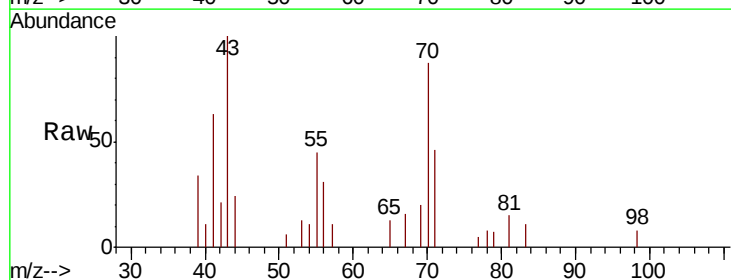
Tgt Ion: 43 Resp: 4940

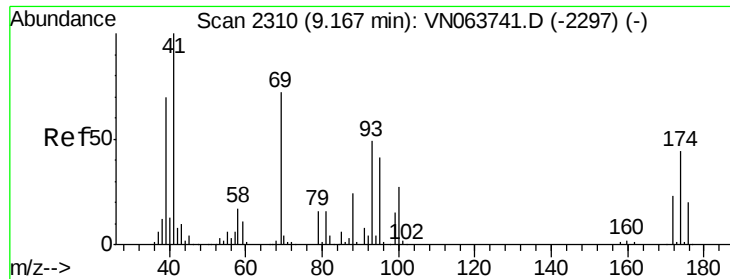
Ion Ratio Lower Upper

43 100

61 0.0 14.2 21.4#

87 0.0 9.0 13.6#

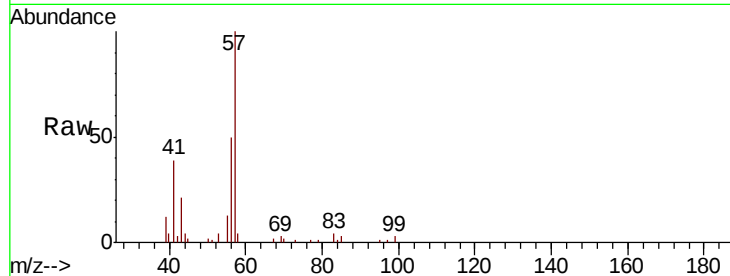




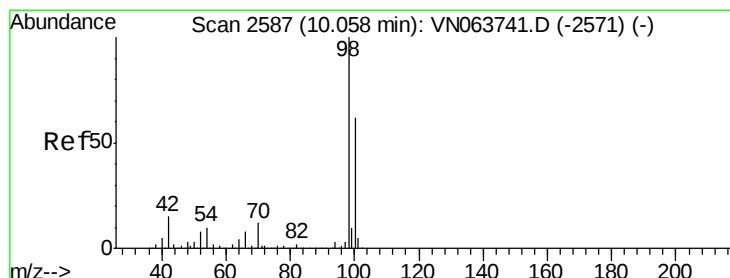
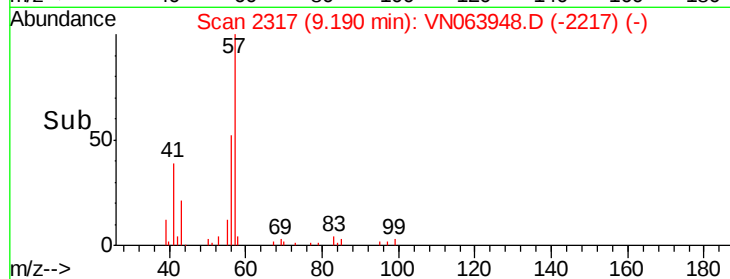
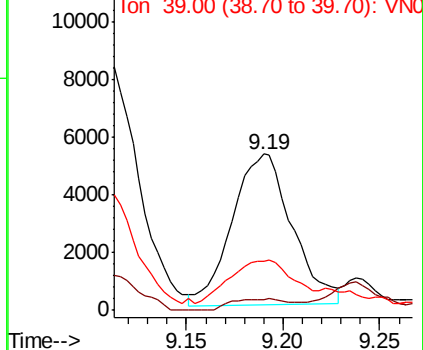
#48
Methyl methacrylate
Concen: 3.080 ug/l
RT: 9.19 min Scan# 2317
Delta R.T. 0.02 min
Lab File: VN063948.D
Acq: 7 Oct 2020 17:19

Instrument :
MSVOA_N
ClientSampled :
MW-06

Tot Ion: 41 Resp: 11349
Ion Ratio Lower Upper
41 100
69 3.7 60.9 91.3#
39 30.0 57.5 86.3#

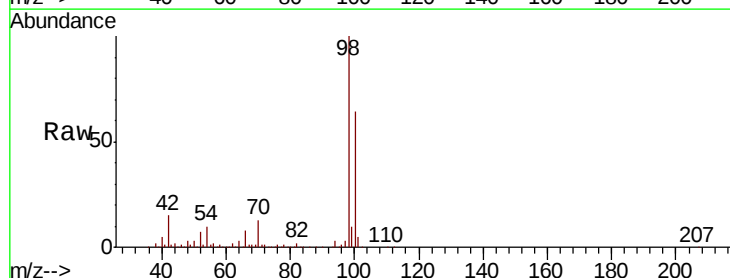


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

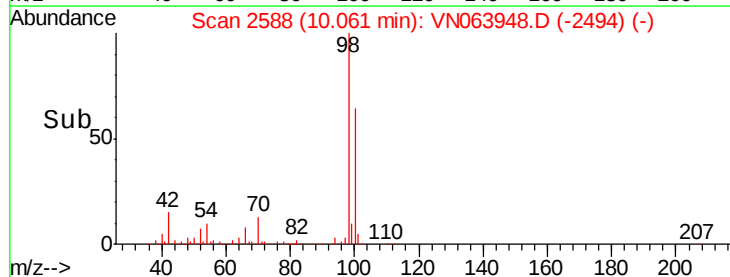
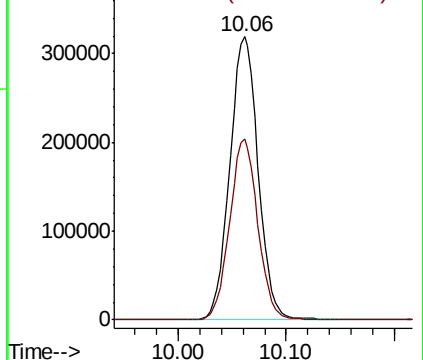


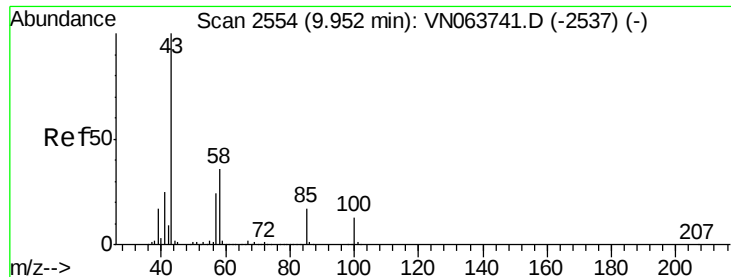
#50
Toluene-d8
Concen: 49.509 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063948.D
Acq: 7 Oct 2020 17:19

Tgt Ion: 98 Resp: 585009
Ion Ratio Lower Upper
98 100
100 63.3 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 2.549 ug/l

RT: 9.99 min Scan# 2567

Delta R.T. 0.04 min

Lab File: VN063948.D

Acq: 7 Oct 2020 17:19

Instrument :

MSVOA_N

ClientSampleId :

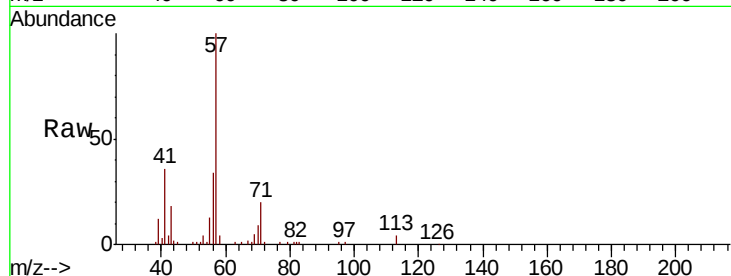
MW-06

Tot Ion: 43 Resp: 11158

Ion Ratio Lower Upper

43 100

58 24.7 28.4 42.6#



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN063741.D (-2537) (-)

9.99

6000

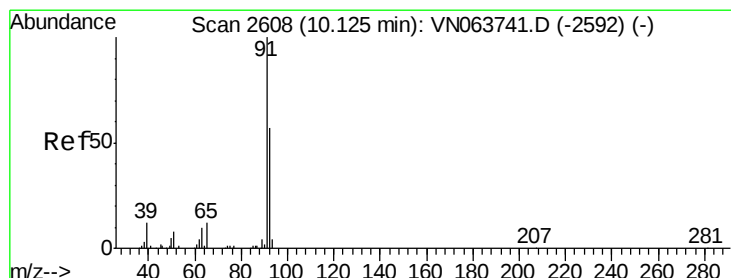
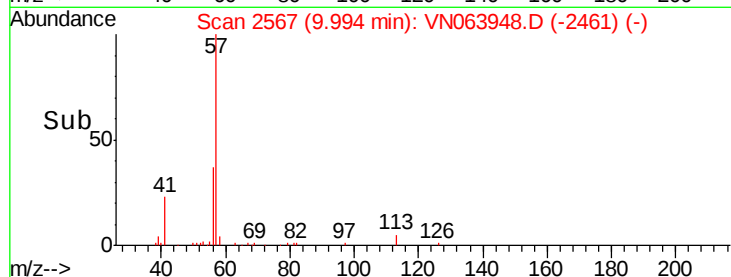
4000

2000

0

9.90 9.95 10.00 10.05

Time-->



#52

Toluene

Concen: 0.329 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN063948.D

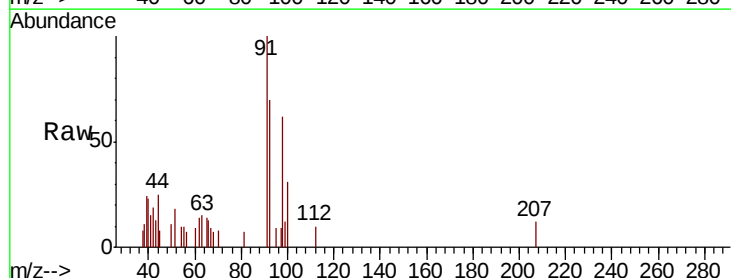
Acq: 7 Oct 2020 17:19

Tgt Ion: 92 Resp: 2648

Ion Ratio Lower Upper

92 100

91 165.1 140.6 210.8



Abundance Ion 92.00 (91.70 to 92.70): VN063741.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN063741.D (-2592) (-)

10.12

3000

2500

2000

1500

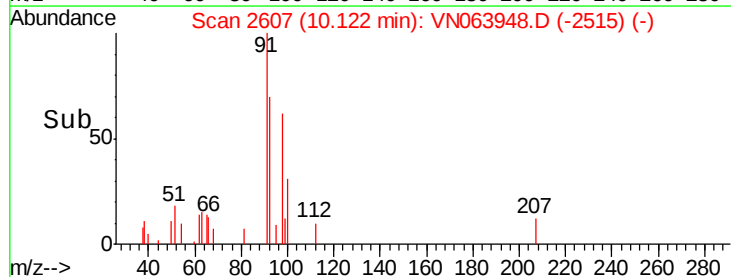
1000

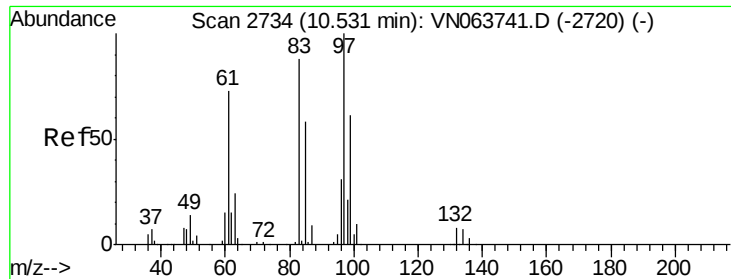
500

0

10.10 10.15

Time-->





#55

1,1,2-Trichloroethane

Concen: 1.678 ug/l

RT: 10.50 min Scan# 2724

Delta R.T. -0.03 min

Lab File: VN063948.D

Acq: 7 Oct 2020 17:19

Instrument :

MSVOA_N

ClientSampled :

MW-06

Tot Ion: 97 Resp: 5411

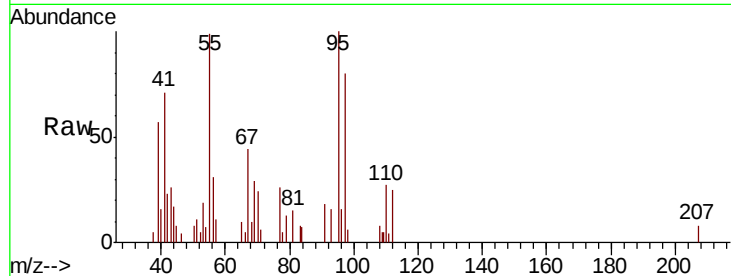
Ion Ratio Lower Upper

97 100

83 9.5 70.7 106.1#

85 0.0 46.1 69.1#

99 0.0 48.8 73.2#

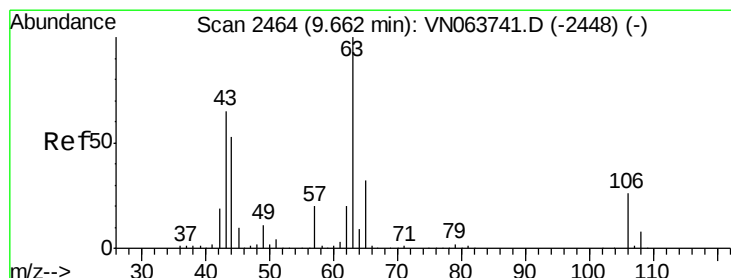
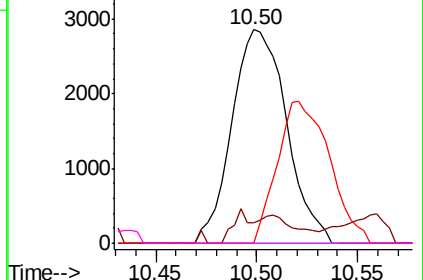
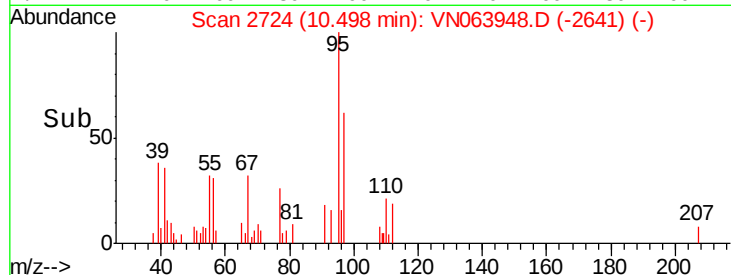


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 0.366 ug/l

RT: 9.62 min Scan# 2450

Delta R.T. -0.05 min

Lab File: VN063948.D

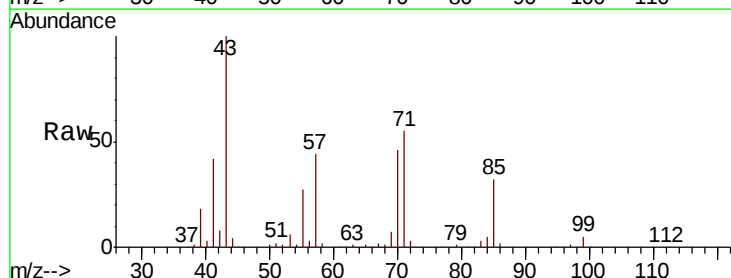
Acq: 7 Oct 2020 17:19

Tgt Ion: 63 Resp: 894

Ion Ratio Lower Upper

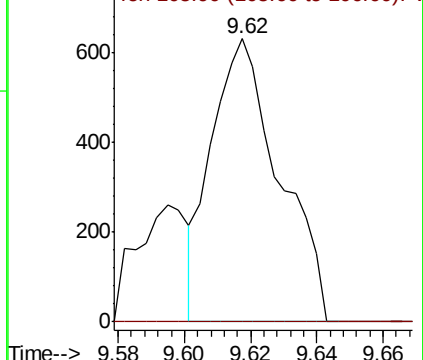
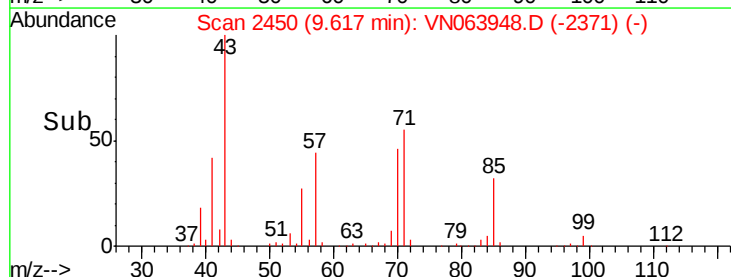
63 100

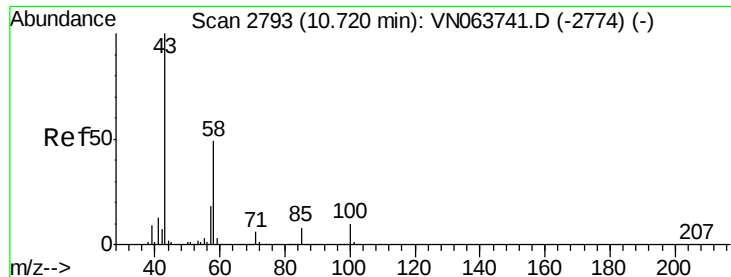
106 0.0 20.7 31.1#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

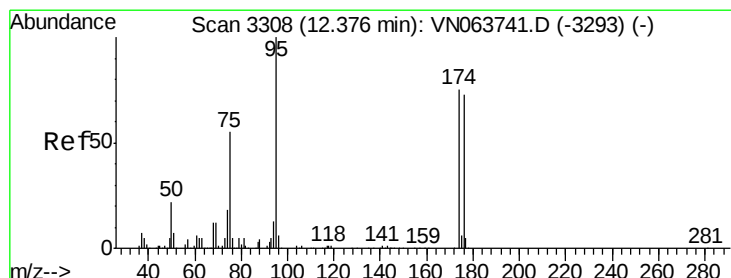
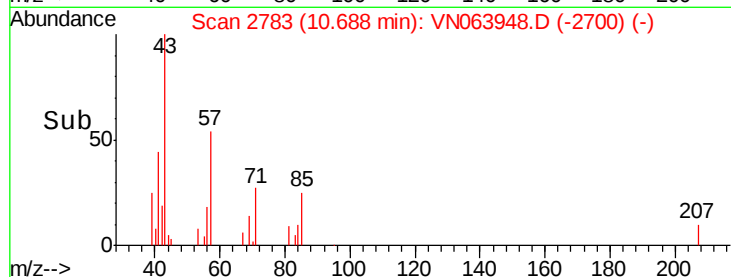
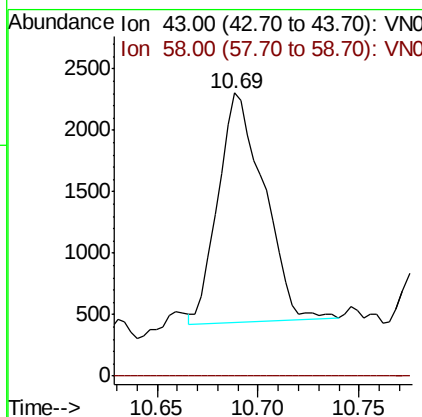
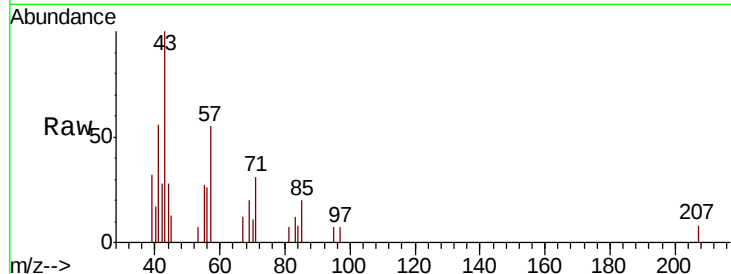




#59
2-Hexanone
Concen: 0.907 ug/l
RT: 10.69 min Scan# 2783
Delta R.T. -0.03 min
Lab File: VN063948.D
Acq: 7 Oct 2020 17:19

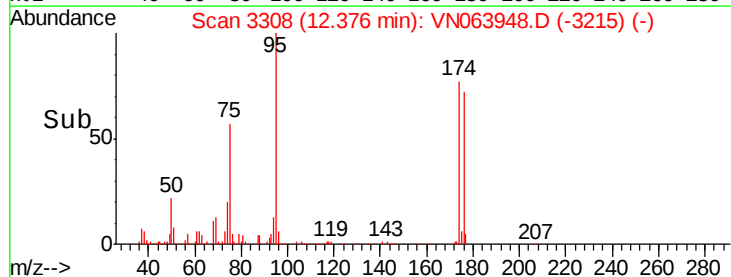
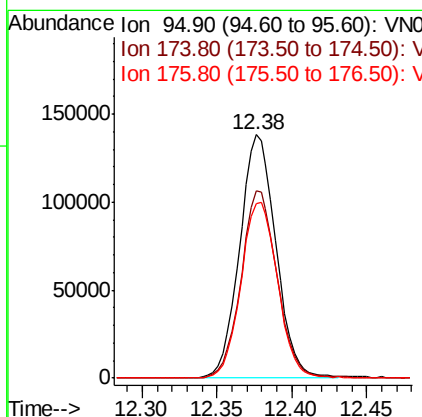
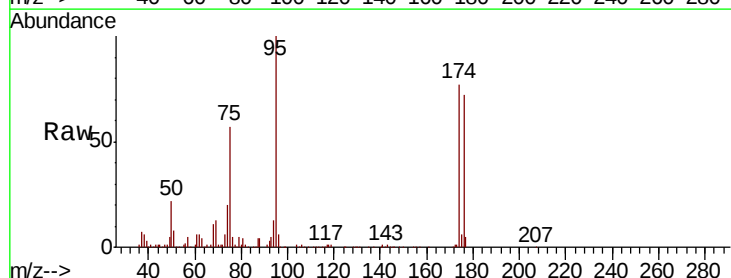
Instrument :
MSVOA_N
ClientSampled :
MW-06

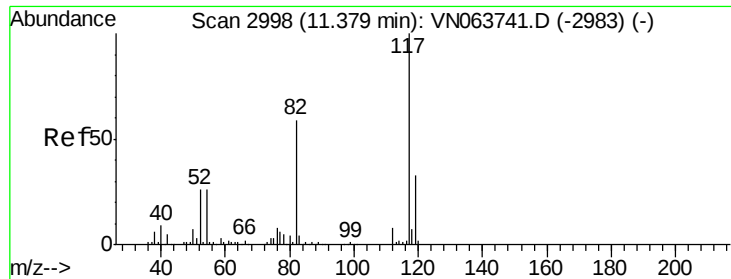
Tot Ion: 43 Resp: 2949
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.8#



#62
4-Bromofluorobenzene
Concen: 52.258 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063948.D
Acq: 7 Oct 2020 17:19

Tgt Ion: 95 Resp: 232124
Ion Ratio Lower Upper
95 100
174 76.9 0.0 150.6
176 73.4 0.0 145.4

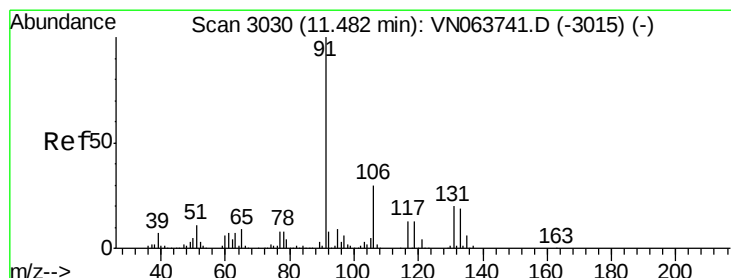
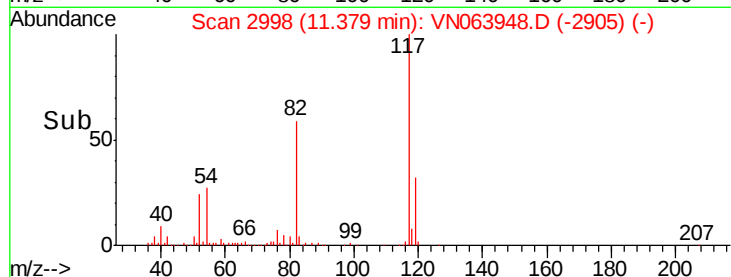
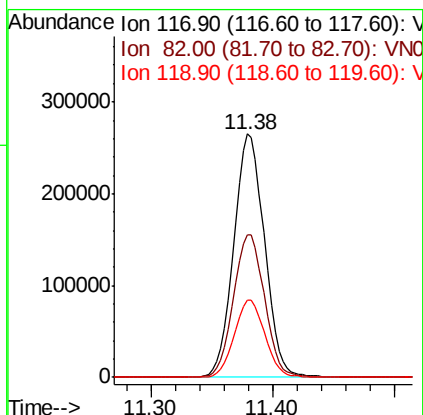
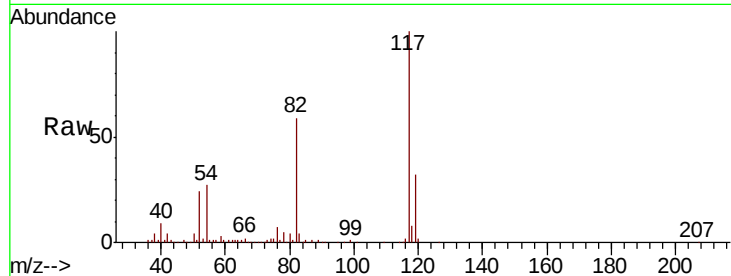




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063948.D
Acq: 7 Oct 2020 17:19

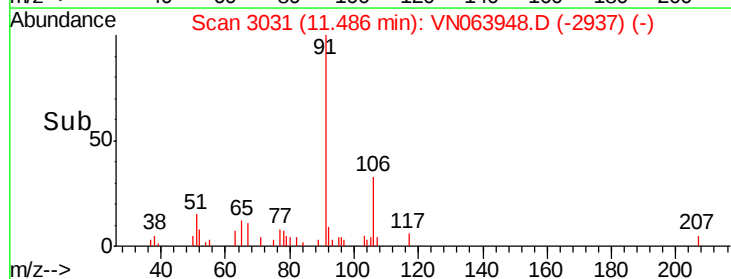
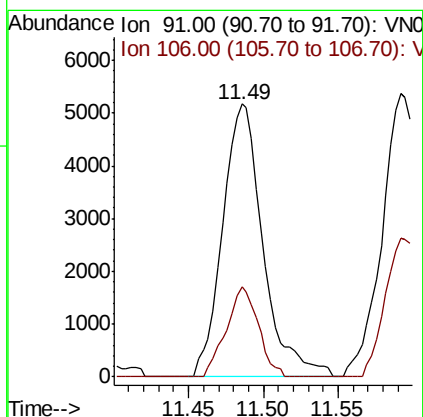
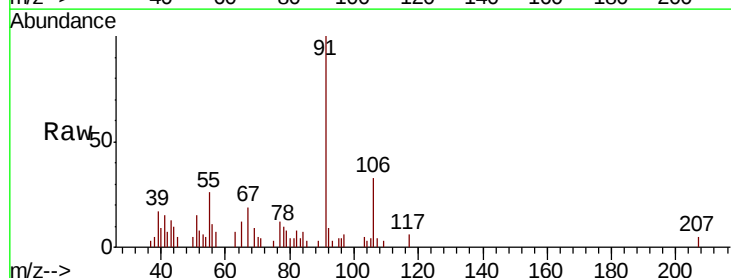
Instrument :
MSVOA_N
ClientSampleId :
MW-06

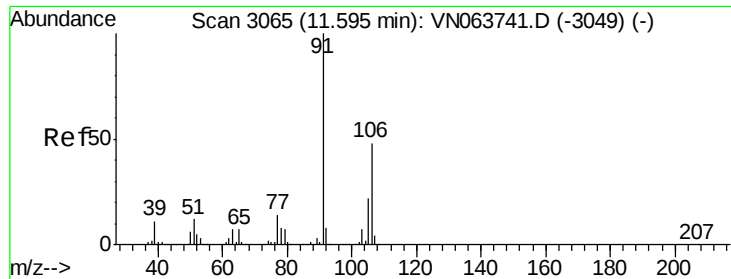
Tot Ion:117 Resp: 463709
Ion Ratio Lower Upper
117 100
82 58.7 47.4 71.2
119 31.9 26.4 39.6



#67
Ethyl Benzene
Concen: 0.561 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063948.D
Acq: 7 Oct 2020 17:19

Tgt Ion: 91 Resp: 9707
Ion Ratio Lower Upper
91 100
106 33.0 24.2 36.2

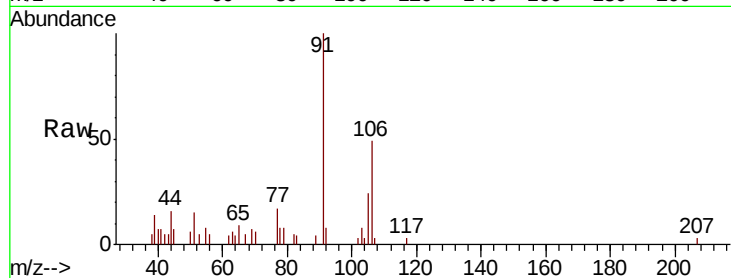




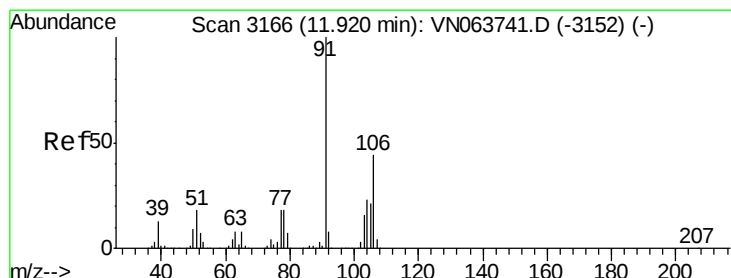
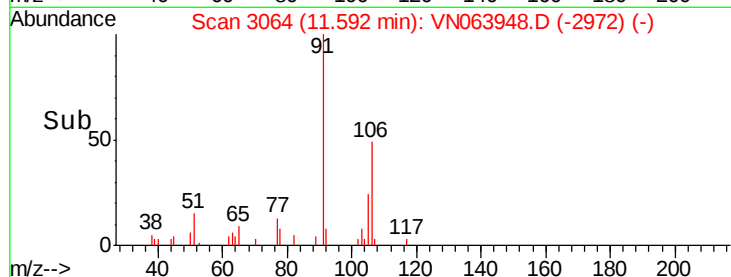
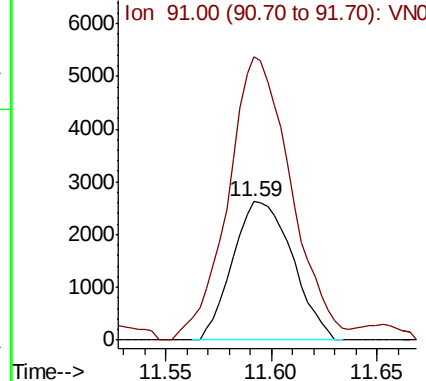
#68
m/p-Xylenes
Concen: 0.803 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN063948.D
Acq: 7 Oct 2020 17:19

Instrument :
MSVOA_N
ClientSampled :
MW-06

Tot Ion:106 Resp: 5178
Ion Ratio Lower Upper
106 100
91 215.6 168.0 252.0

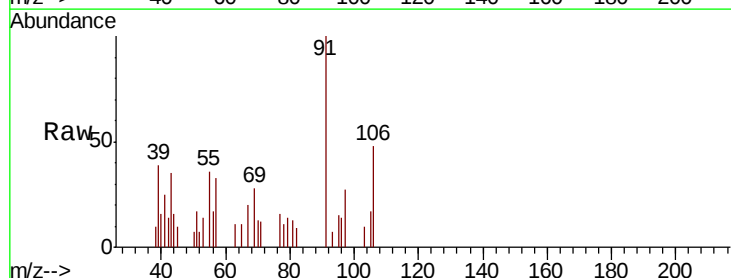


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

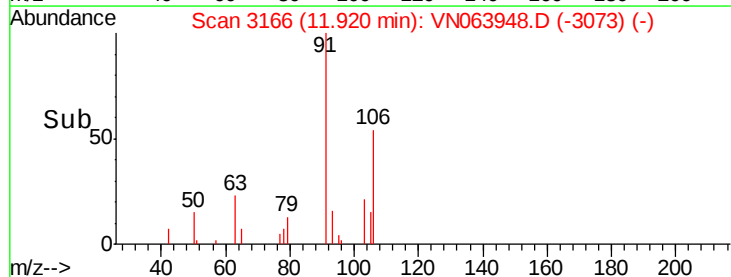
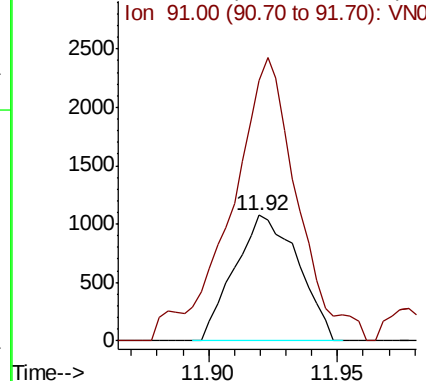


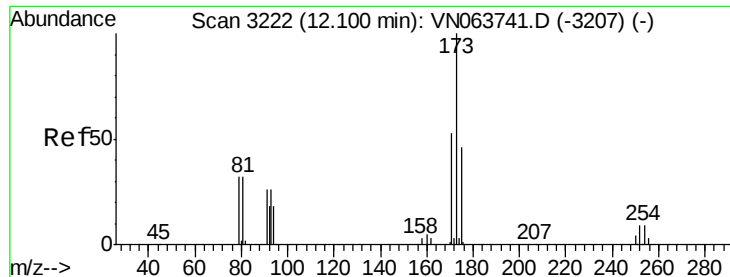
#69
o-Xylene
Concen: 0.307 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN063948.D
Acq: 7 Oct 2020 17:19

Tgt Ion:106 Resp: 1850
Ion Ratio Lower Upper
106 100
91 232.8 112.7 338.0



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

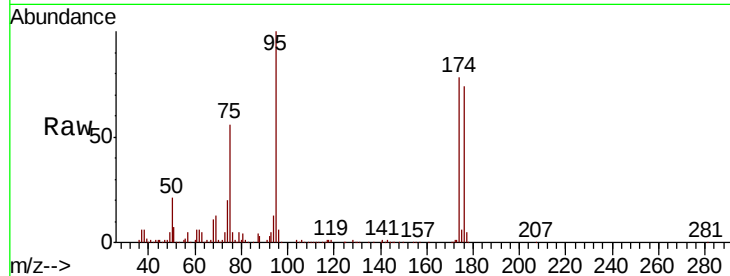




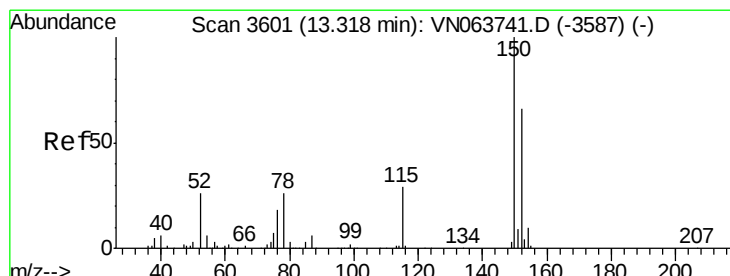
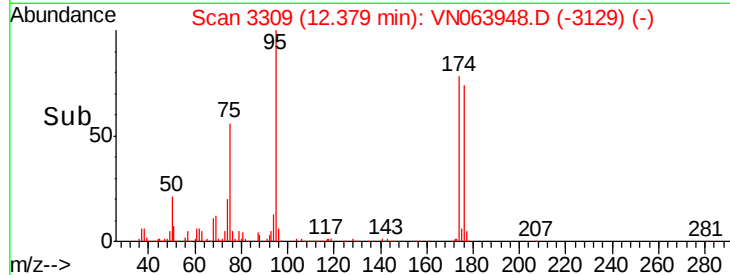
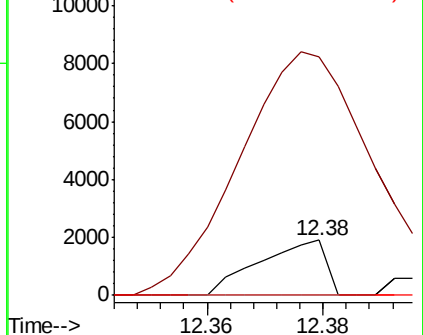
#71
Bromoform
Concen: 0.548 ug/l
RT: 12.38 min Scan# 3309
Delta R.T. 0.28 min
Lab File: VN063948.D
Acq: 7 Oct 2020 17:19

Instrument :
MSVOA_N
ClientSampled :
MW-06

Tot Ion:173 Resp: 1528
Ion Ratio Lower Upper
173 100
175 726.6 23.5 70.5#
254 0.0 0.0 0.0

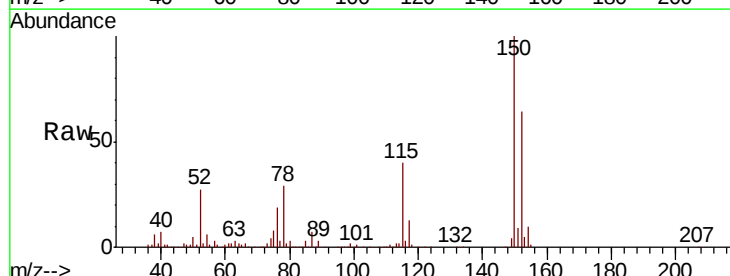


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

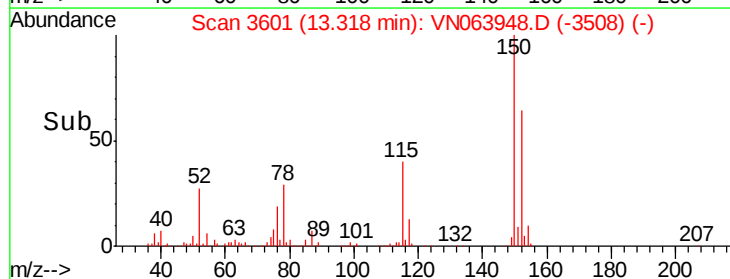
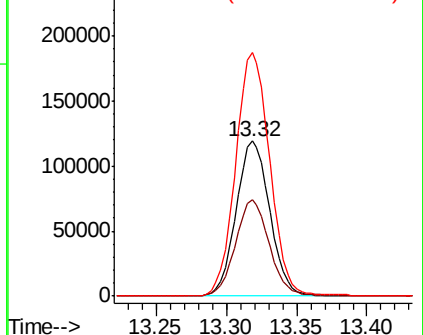


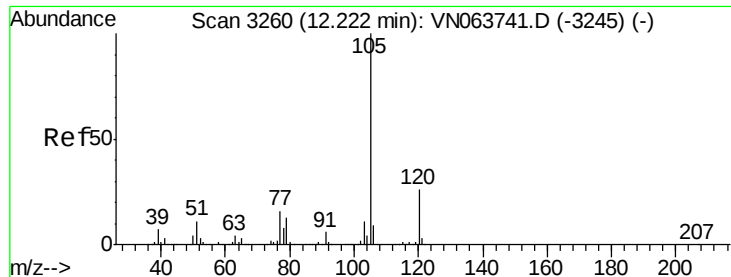
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063948.D
Acq: 7 Oct 2020 17:19

Tgt Ion:152 Resp: 200252
Ion Ratio Lower Upper
152 100
115 62.2 31.3 93.8
150 159.0 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





#73

Isopropylbenzene

Concen: 10.862 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063948.D

Acq: 7 Oct 2020 17:19

Instrument :

MSVOA_N

ClientSampled :

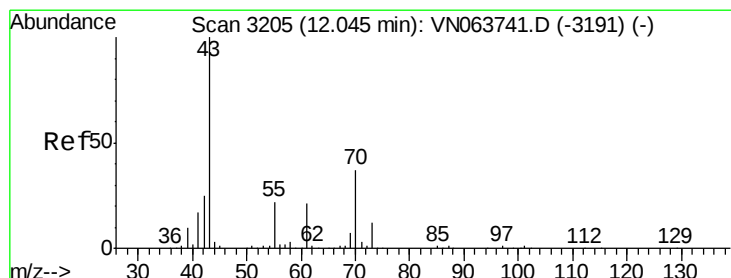
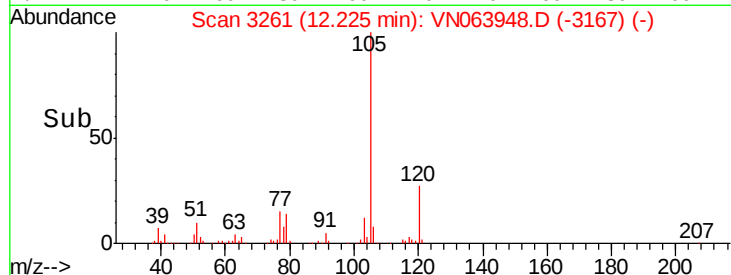
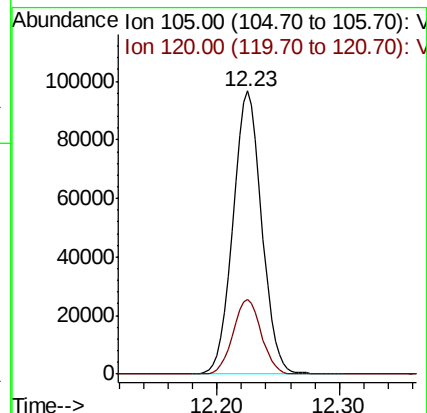
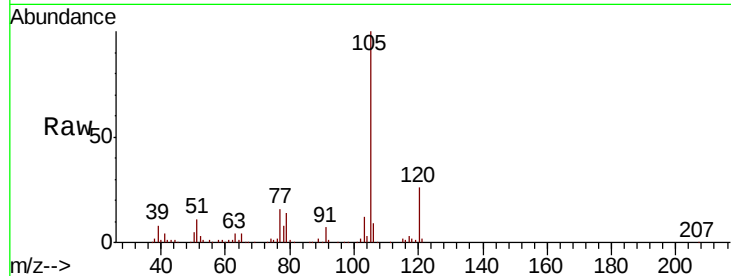
MW-06

Tot Ion:105 Resp: 158653

Ion Ratio Lower Upper

105 100

120 26.1 12.6 37.8



#74

N-ethyl acetate

Concen: 2.507 ug/l

RT: 12.03 min Scan# 3200

Delta R.T. -0.02 min

Lab File: VN063948.D

Acq: 7 Oct 2020 17:19

Tgt Ion: 43 Resp: 2067

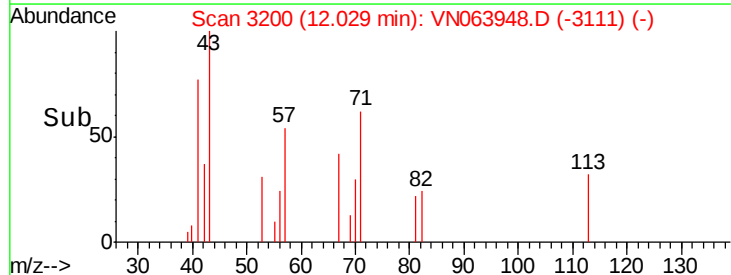
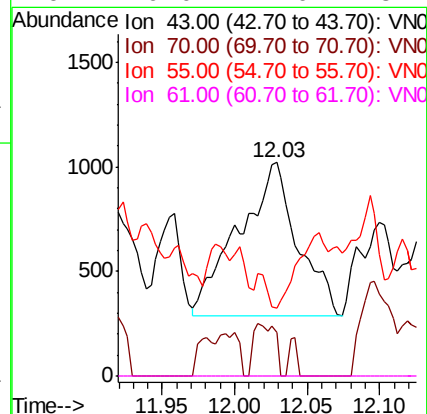
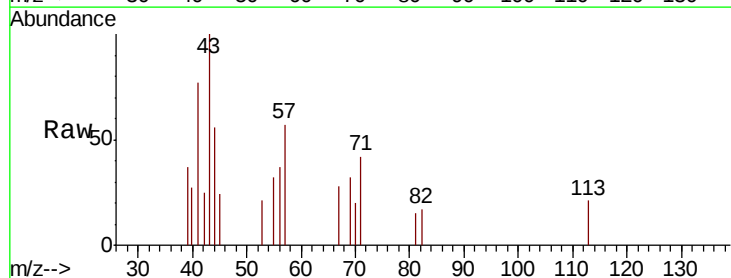
Ion Ratio Lower Upper

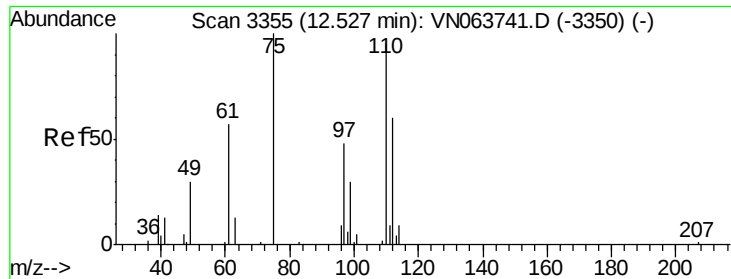
43 100

70 3.4 29.8 44.8#

55 0.0 17.9 26.9#

61 0.0 17.0 25.4#





#76

1,2,3-Trichloropropane

Concen: 0.930 ug/l

RT: 12.57 min Scan# 3368

Delta R.T. 0.04 min

Lab File: VN063948.D

Acq: 7 Oct 2020 17:19

Instrument :

MSVOA_N

ClientSampled :

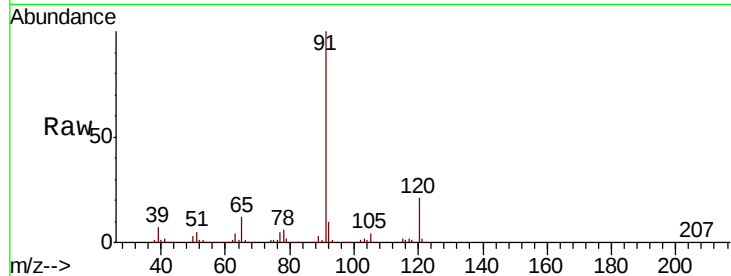
MW-06

Tot Ion: 75 Resp: 4107

Ion Ratio Lower Upper

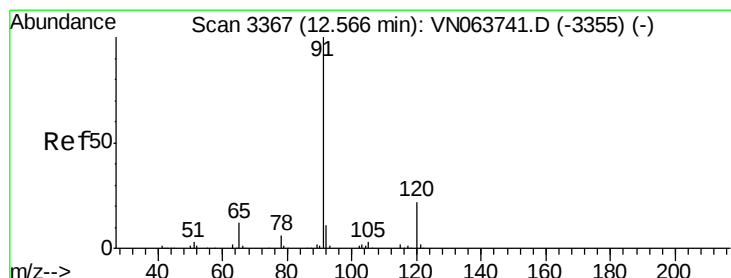
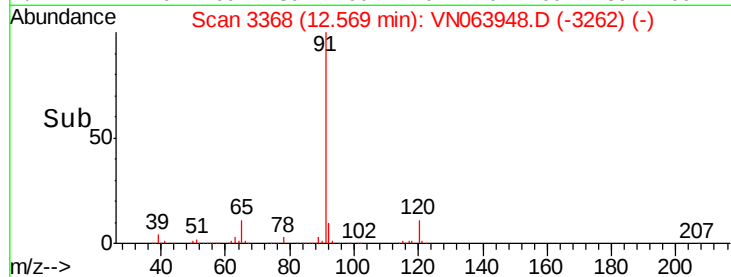
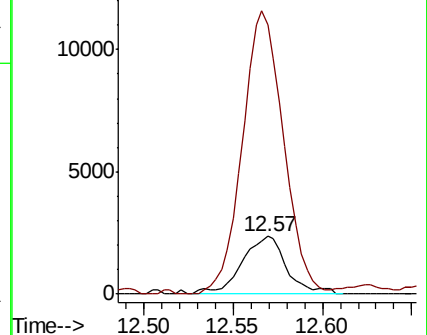
75 100

77 452.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#78

n-propylbenzene

Concen: 23.549 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN063948.D

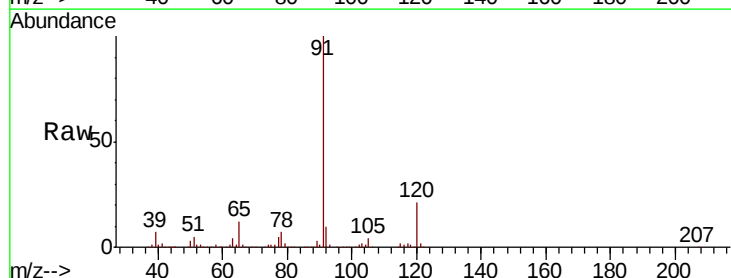
Acq: 7 Oct 2020 17:19

Tgt Ion: 91 Resp: 400301

Ion Ratio Lower Upper

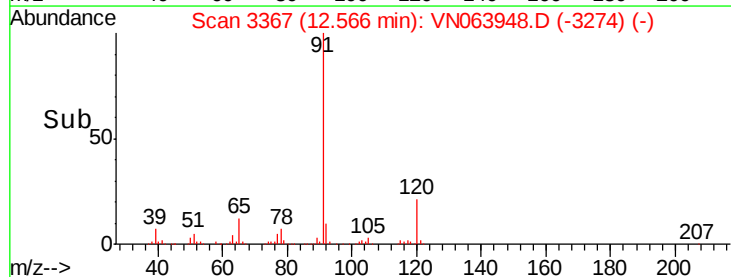
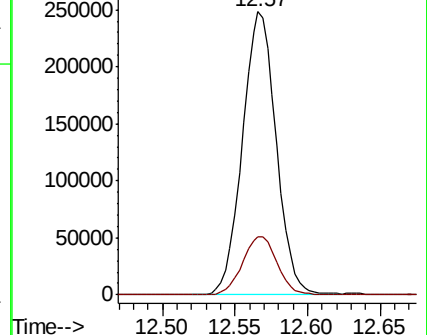
91 100

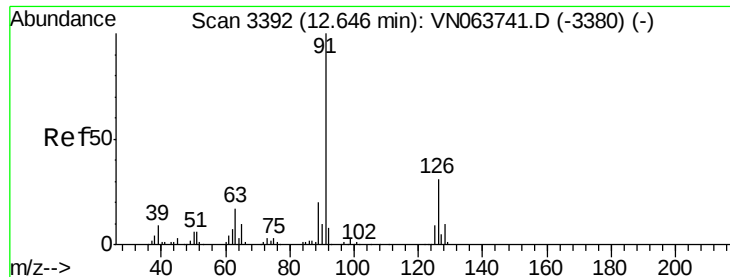
120 21.4 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 38.290 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.08 min

Lab File: VN063948.D

Acq: 7 Oct 2020 17:19

Instrument :

MSVOA_N

ClientSampled :

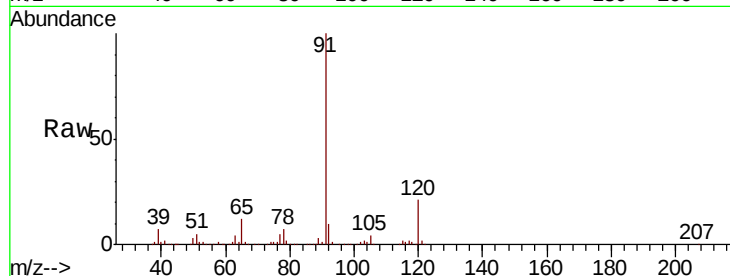
MW-06

Tot Ion: 91 Resp: 400301

Ion Ratio Lower Upper

91 100

126 0.0 15.9 47.7#



Abundance Ion 91.00 (90.70 to 91.70): VN063741.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN063741.D (-3380) (-)

12.57

250000

200000

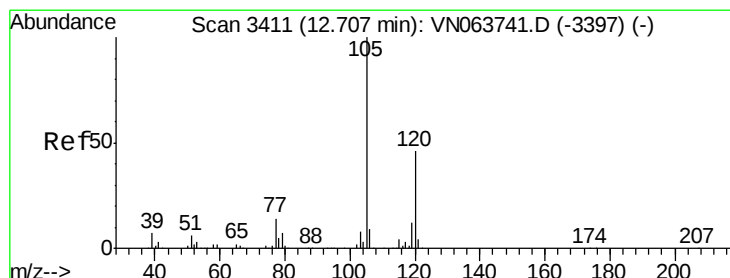
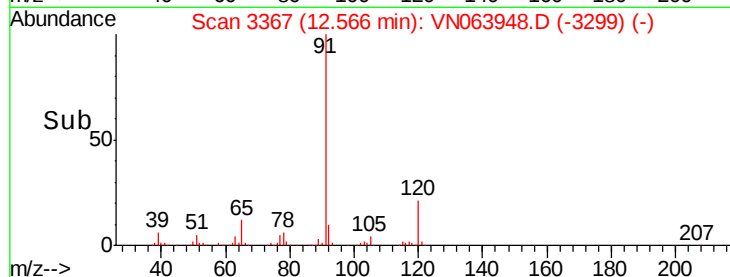
150000

100000

50000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 1.139 ug/l

RT: 12.86 min Scan# 3460

Delta R.T. 0.16 min

Lab File: VN063948.D

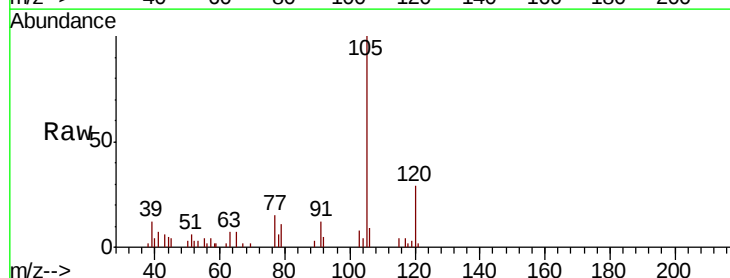
Acq: 7 Oct 2020 17:19

Tgt Ion: 105 Resp: 13963

Ion Ratio Lower Upper

105 100

120 31.3 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): VN063741.D (-3397) (-)

Ion 120.00 (119.70 to 120.70): VN063741.D (-3397) (-)

12.86

10000

8000

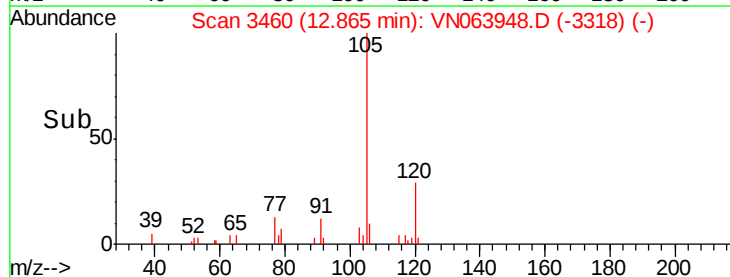
6000

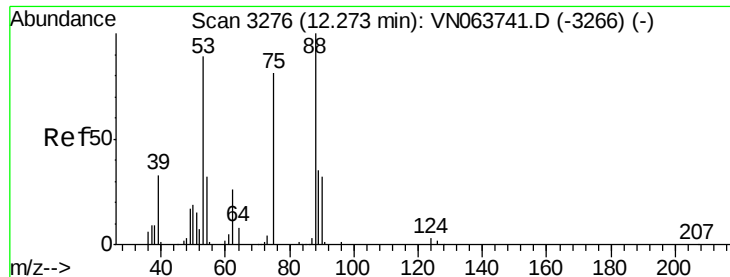
4000

2000

0

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 85.525 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063948.D

Acq: 7 Oct 2020 17:19

Instrument :

MSVOA_N

ClientSampleId :

MW-06

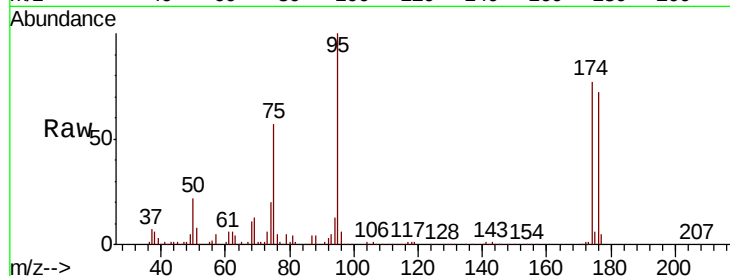
Tot Ion: 75 Resp: 131082

Ion Ratio Lower Upper

75 100

53 1.2 88.2 132.2#

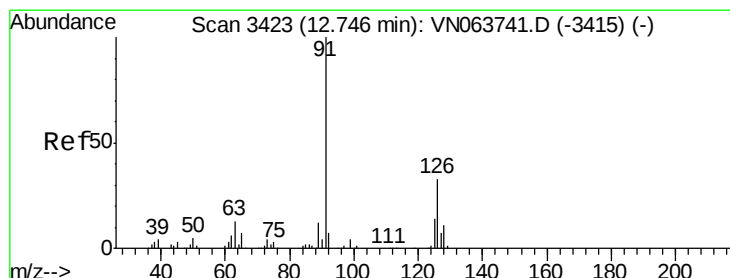
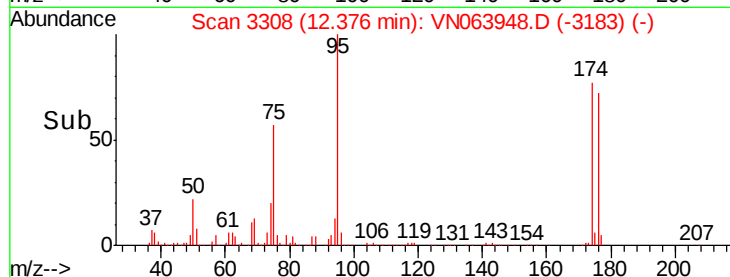
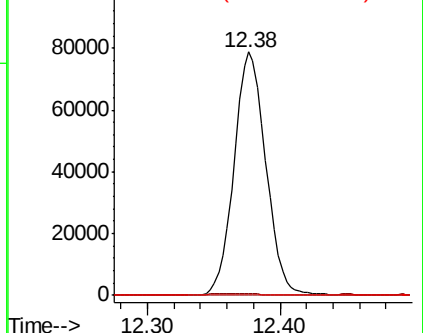
89 0.0 36.0 54.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 36.884 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.18 min

Lab File: VN063948.D

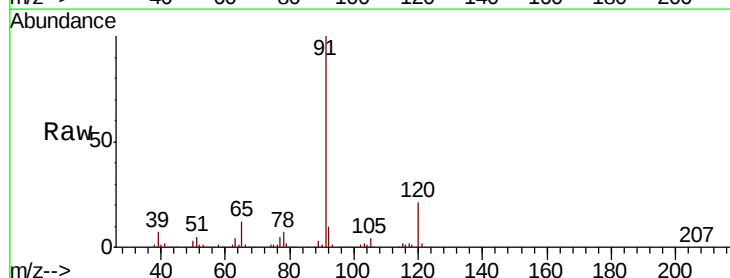
Acq: 7 Oct 2020 17:19

Tgt Ion: 91 Resp: 400301

Ion Ratio Lower Upper

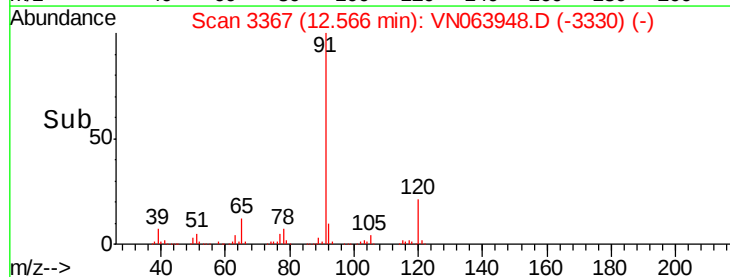
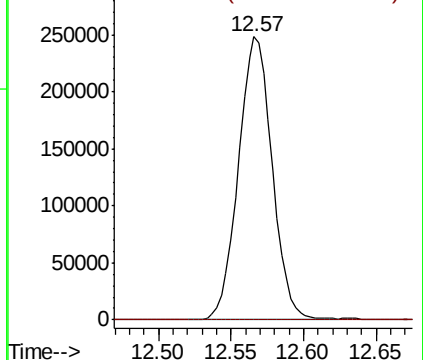
91 100

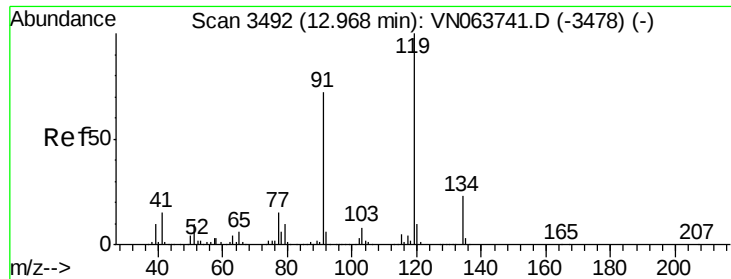
126 0.0 15.4 46.2#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

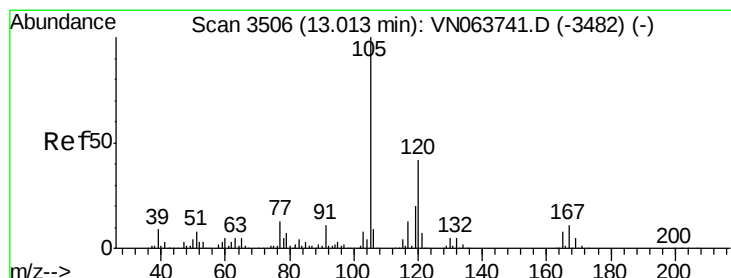
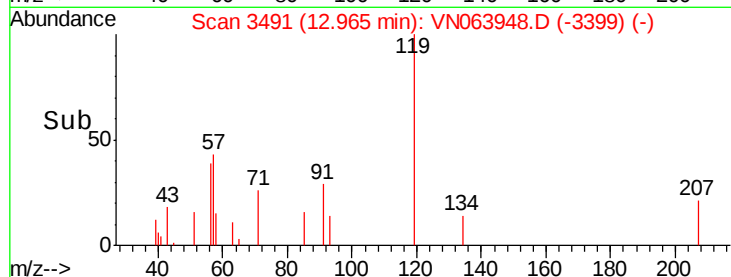
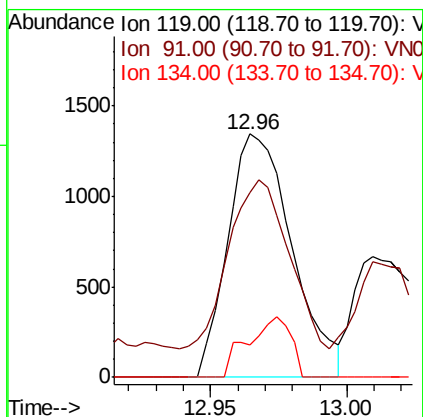
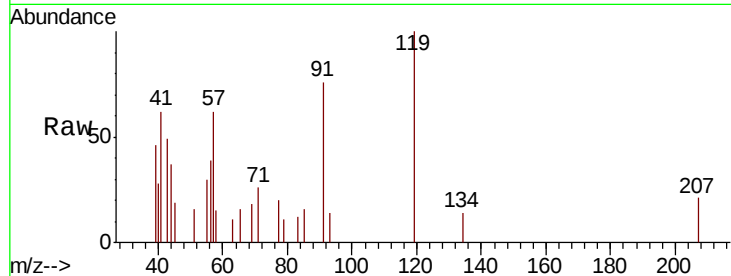




#83
tert-Butylbenzene
Concen: 0.219 ug/l
RT: 12.96 min Scan# 3491
Delta R.T. -0.00 min
Lab File: VN063948.D
Acq: 7 Oct 2020 17:19

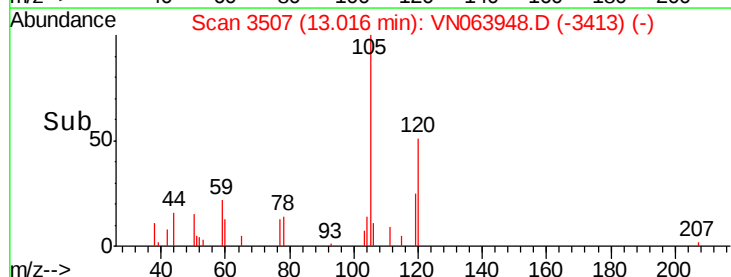
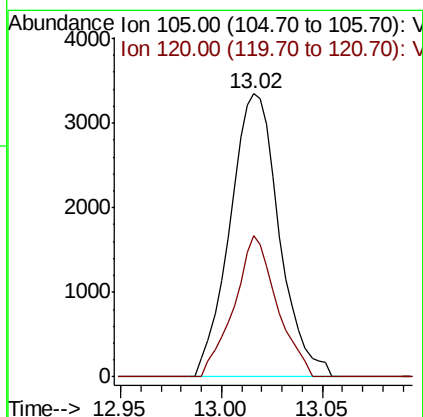
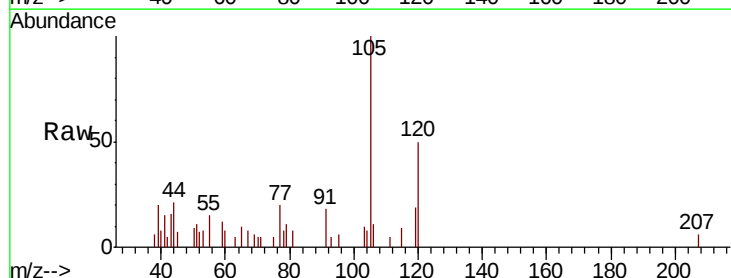
Instrument :
MSVOA_N
ClientSampled :
MW-06

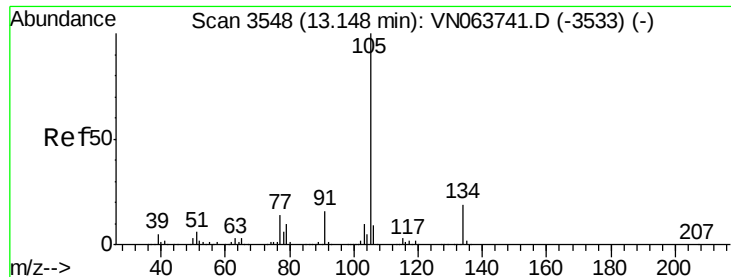
Tot Ion:119 Resp: 2199
Ion Ratio Lower Upper
119 100
91 64.4 35.5 106.5
134 0.0 11.7 35.1#



#84
1,2,4-Trimethylbenzene
Concen: 0.466 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VN063948.D
Acq: 7 Oct 2020 17:19

Tgt Ion:105 Resp: 5705
Ion Ratio Lower Upper
105 100
120 43.5 20.9 62.7

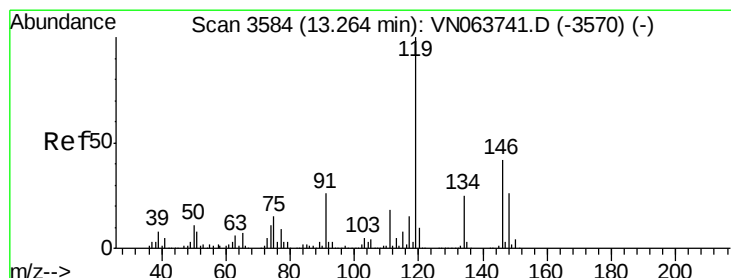
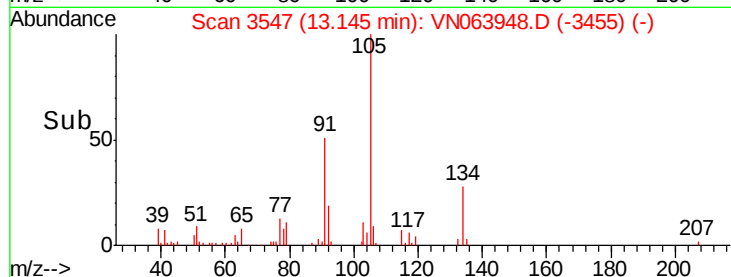
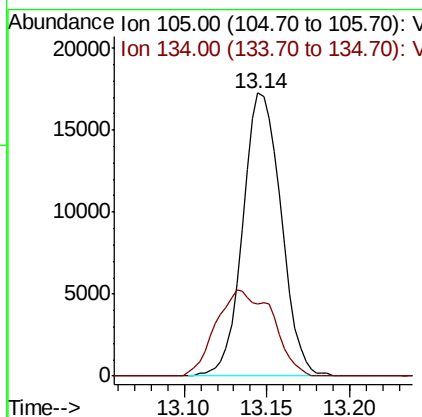
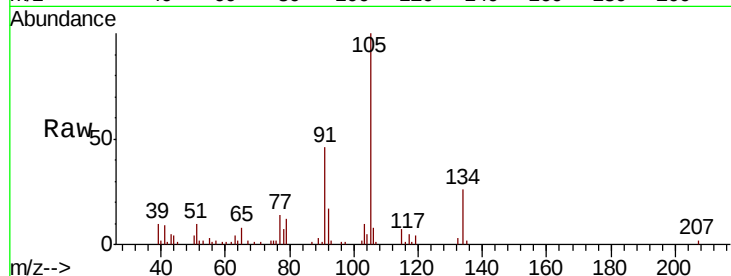




#85
 sec-Butylbenzene
 Concen: 2.114 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN063948.D
 Acq: 7 Oct 2020 17:19

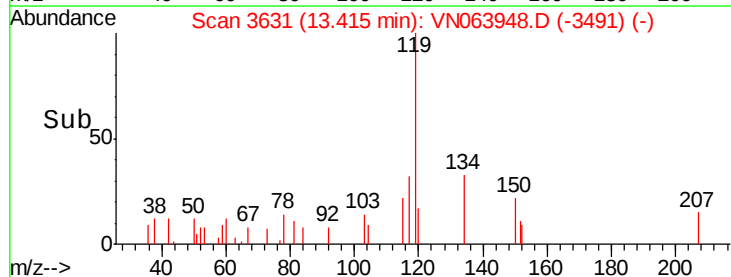
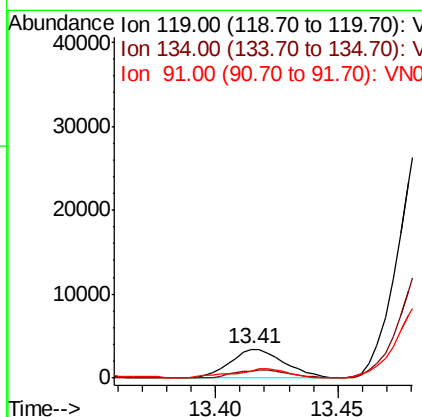
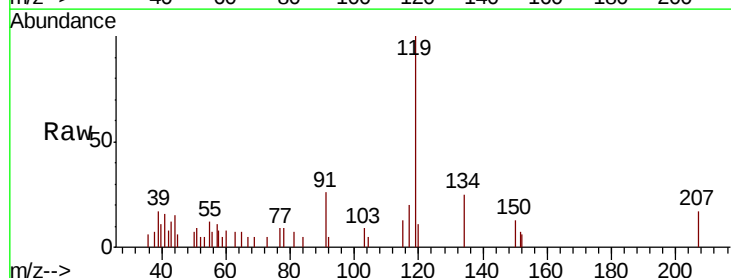
Instrument :
 MSVOA_N
 ClientSampled :
 MW-06

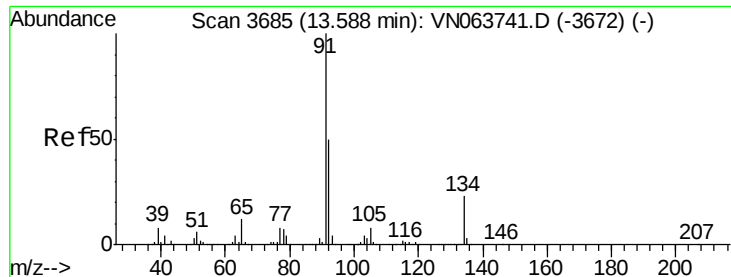
Tot Ion:105 Resp: 27837
 Ion Ratio Lower Upper
 105 100
 134 45.0 9.5 28.5#



#86
 p-Isopropyltoluene
 Concen: 0.452 ug/l
 RT: 13.41 min Scan# 3631
 Delta R.T. 0.15 min
 Lab File: VN063948.D
 Acq: 7 Oct 2020 17:19

Tgt Ion:119 Resp: 5263
 Ion Ratio Lower Upper
 119 100
 134 27.6 12.6 37.8
 91 32.9 13.4 40.2

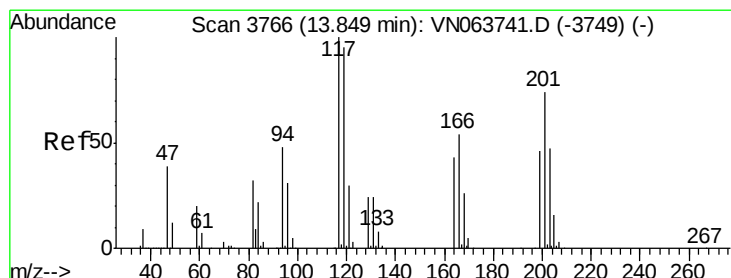
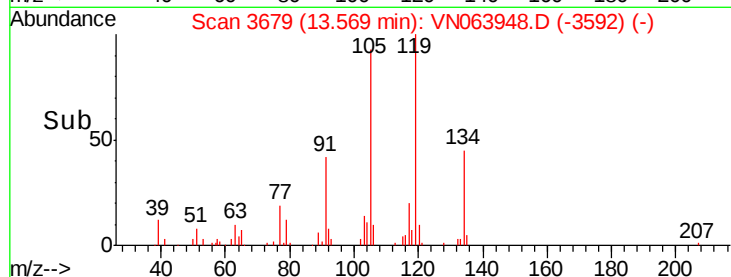
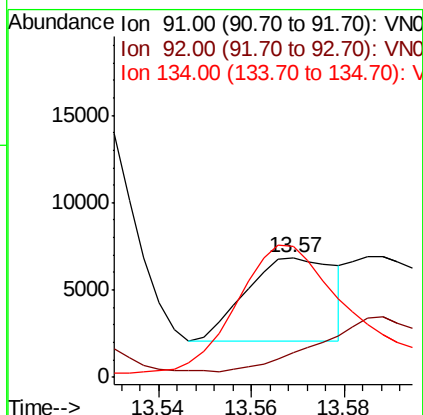
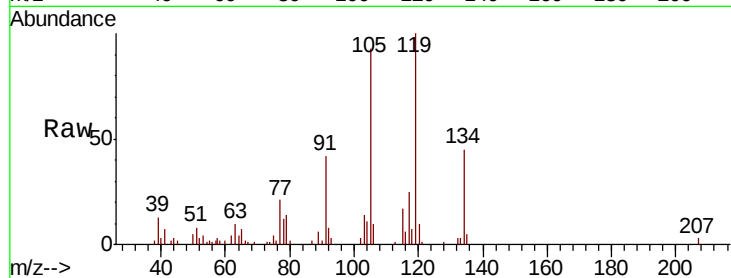




#89
n-Butylbenzene
Concen: 0.588 ug/l
RT: 13.57 min Scan# 3679
Delta R.T. -0.02 min
Lab File: VN063948.D
Acq: 7 Oct 2020 17:19

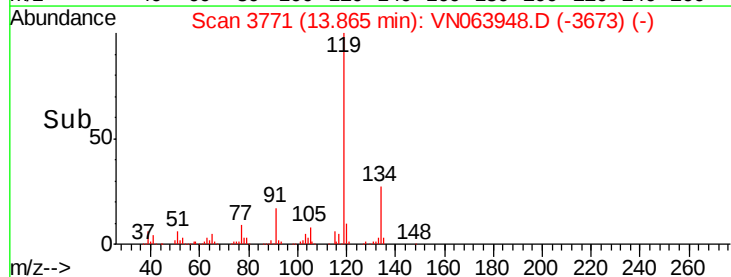
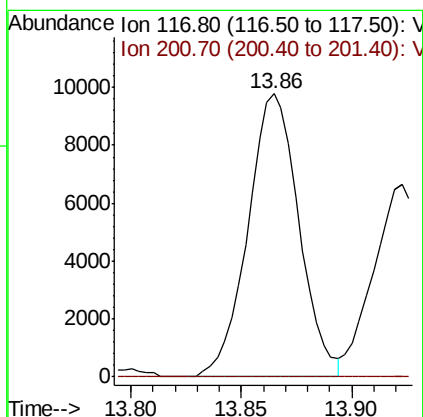
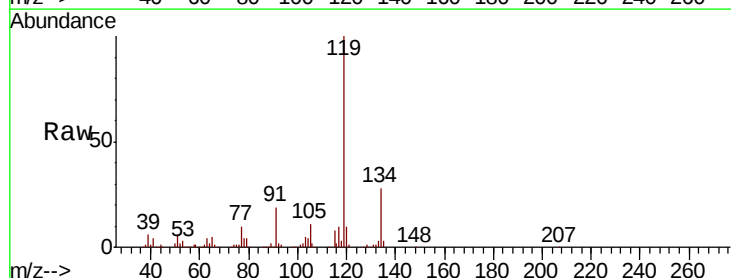
Instrument :
MSVOA_N
ClientSampleId :
MW-06

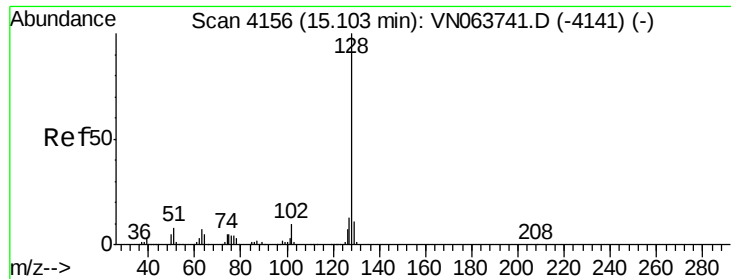
Tot Ion: 91 Resp: 6316
Ion Ratio Lower Upper
91 100
92 0.0 25.4 76.4#
134 204.0 11.7 35.1#



#90
Hexachloroethane
Concen: 6.962 ug/l
RT: 13.86 min Scan# 3771
Delta R.T. 0.02 min
Lab File: VN063948.D
Acq: 7 Oct 2020 17:19

Tgt Ion: 117 Resp: 15712
Ion Ratio Lower Upper
117 100
201 0.0 36.0 108.0#





#95

Naphthalene

Concen: 14.598 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN063948.D

Acq: 7 Oct 2020 17:19

Instrument :

MSVOA_N

ClientSampleId :

MW-06

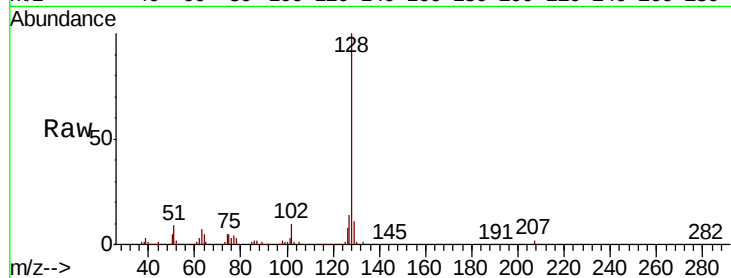
Tot Ion:128 Resp: 142419

Ion Ratio Lower Upper

128 100

127 13.4 10.5 15.7

129 11.1 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

