

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101220\
 Data File : VN064085.D
 Acq On : 12 Oct 2020 18:14
 Operator : JC/MD
 Sample : L4250-04DL 20X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-08DL

Quant Time: Oct 13 01:09:13 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	7.62	168	232955	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	426096	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	442896	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	207085	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	193299	50.23	ug/l	0.00
Spiked Amount			Recovery	=	100.46%	
35) Dibromofluoromethane	7.55	113	144963	49.03	ug/l	0.00
Spiked Amount			Recovery	=	98.06%	
50) Toluene-d8	10.06	98	550273	49.10	ug/l	0.00
Spiked Amount			Recovery	=	98.20%	
62) 4-Bromofluorobenzene	12.38	95	231476	54.94	ug/l	0.00
Spiked Amount			Recovery	=	109.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.73	59	449	1.057	ug/l #	71
16) Acetone	3.78	43	1927	1.627	ug/l #	47
17) Carbon Disulfide	4.01	76	1144	0.878	ug/l #	76
18) Methyl Acetate	4.29	43	779	0.253	ug/l #	54
19) Methyl tert-butyl Ether	4.98	73	3683	0.432	ug/l #	1
20) Methylene Chloride	4.50	84	710	0.359	ug/l #	41
31) Cyclohexane	7.62	56	18934	4.238	ug/l #	60
36) 1,1-Dichloropropene	7.63	75	20579	4.767	ug/l #	50
38) Carbon Tetrachloride	7.63	117	25058	5.177	ug/l #	15
39) Methylcyclohexane	9.04	83	9870	2.293	ug/l	95
40) Benzene	8.00	78	74508	6.043	ug/l	97
52) Toluene	10.13	92	82153	10.772	ug/l	97
53) t-1,3-Dichloropropene	10.13	75	1023	0.202	ug/l #	23
55) 1,1,2-Trichloroethane	10.51	97	771	0.252	ug/l #	14
67) Ethyl Benzene	11.48	91	2041132	123.468	ug/l	100
68) m/p-Xylenes	11.60	106	1470096	238.600	ug/l	99
69) o-Xylene	11.92	106	1467346	254.801	ug/l	97
70) Styrene	11.92	104	74380	7.609	ug/l #	1
71) Bromoform	12.38	173	578	0.217	ug/l #	1
73) Isopropylbenzene	12.23	105	82672	5.473	ug/l	98
74) N-amyl acetate	12.06	43	199	2.243	ug/l #	37
76) 1,2,3-Trichloropropane	12.63	75	5789	1.268	ug/l #	100
78) n-propylbenzene	12.57	91	213871	12.166	ug/l	100
79) 2-Chlorotoluene	12.66	91	57156	5.287	ug/l #	45
80) 1,3,5-Trimethylbenzene	12.71	105	238669	18.834	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	122605	77.355	ug/l #	6
82) 4-Chlorotoluene	12.71	91	25518	2.274	ug/l #	44
83) tert-Butylbenzene	13.01	119	261904	25.267	ug/l #	71
84) 1,2,4-Trimethylbenzene	13.01	105	2177751	172.130	ug/l	97
85) sec-Butylbenzene	13.01	105	2177751	159.960	ug/l #	58
86) p-Isopropyltoluene	13.21	119	19000	1.578	ug/l #	71
89) n-Butylbenzene	13.59	91	8812	0.793	ug/l #	69
90) Hexachloroethane	13.86	117	12335	5.285	ug/l #	14
92) 1,2-Dibromo-3-Chloropropan	14.24	75	387	0.357	ug/l #	10

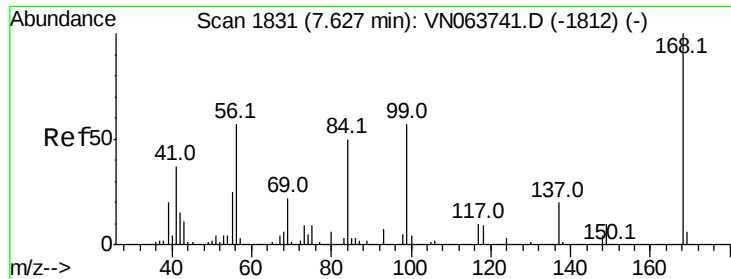
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101220\
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Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	1212	2.060	ug/l #	88
94) Hexachlorobutadiene	14.98	225	709	0.460	ug/l	73
95) Naphthalene	15.10	128	563940	50.451	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	1450	1.969	ug/l #	66

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064085.D

Acq: 12 Oct 2020 18:14

Instrument :

MSVOA_N

ClientSampleId :

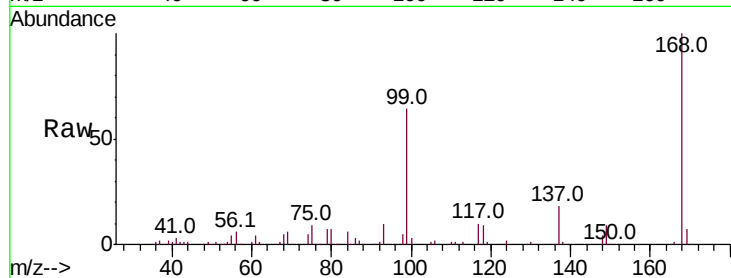
MW-08DL

Tot Ion:168 Resp: 232955

Ion Ratio Lower Upper

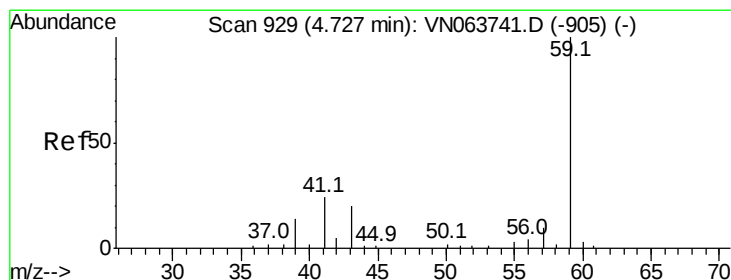
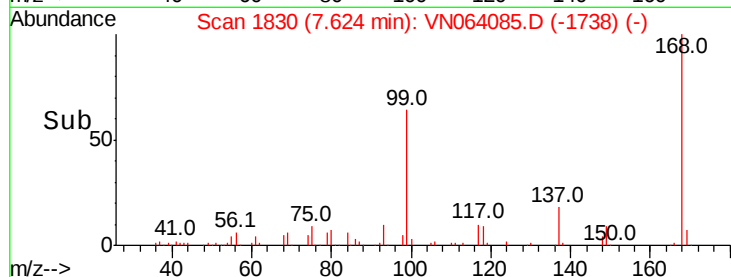
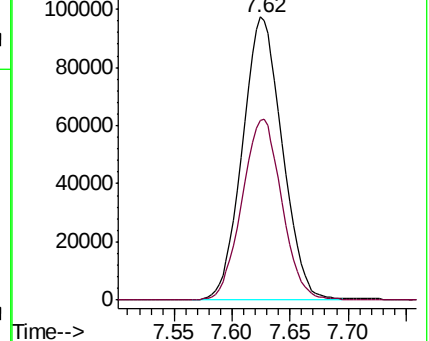
168 100

99 63.5 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#11

Tert butyl alcohol

Concen: 1.057 ug/l

RT: 4.73 min Scan# 931

Delta R.T. 0.01 min

Lab File: VN064085.D

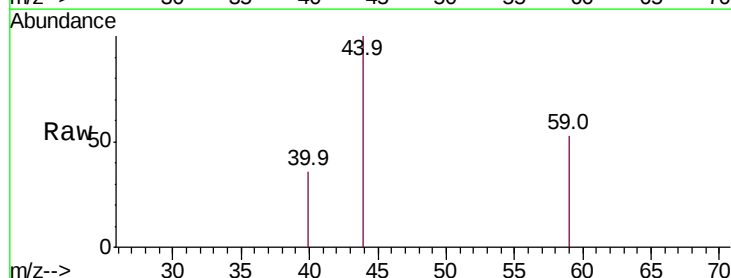
Acq: 12 Oct 2020 18:14

Tgt Ion: 59 Resp: 449

Ion Ratio Lower Upper

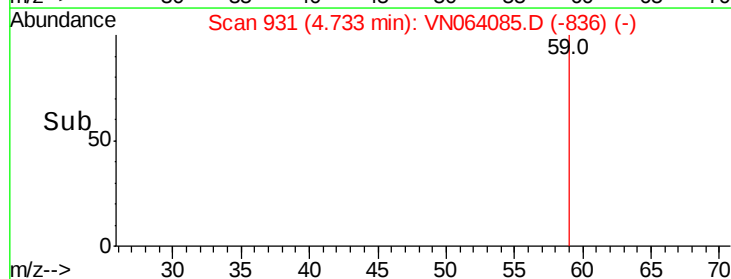
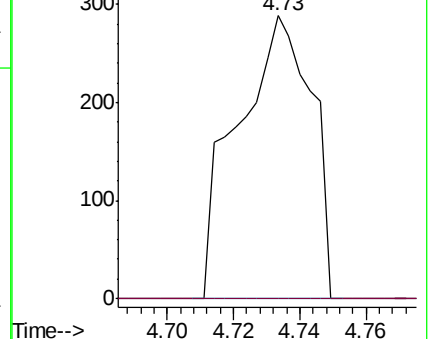
59 100

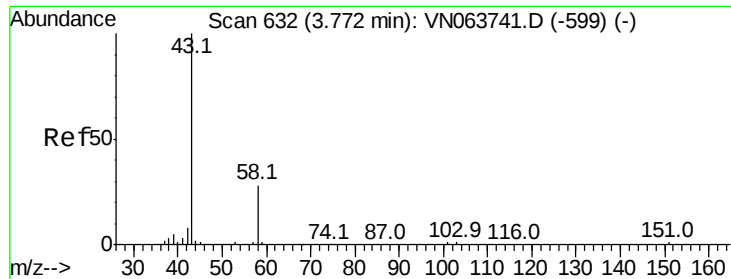
57 0.0 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0





#16

Acetone

Concen: 1.627 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN064085.D

Acq: 12 Oct 2020 18:14

Instrument :

MSVOA_N

ClientSampleId :

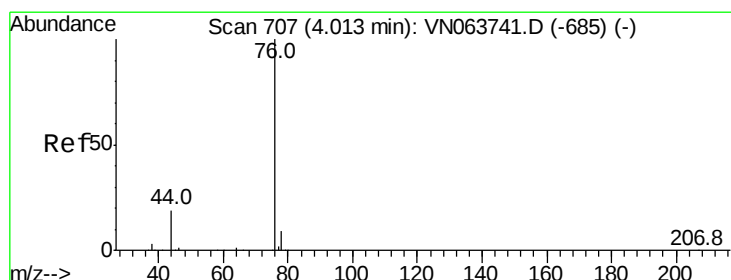
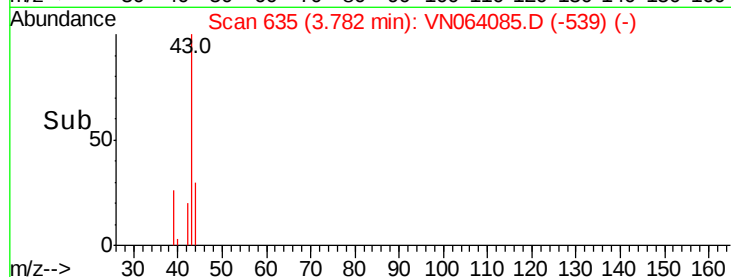
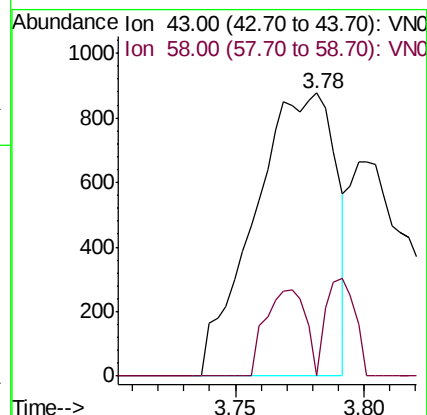
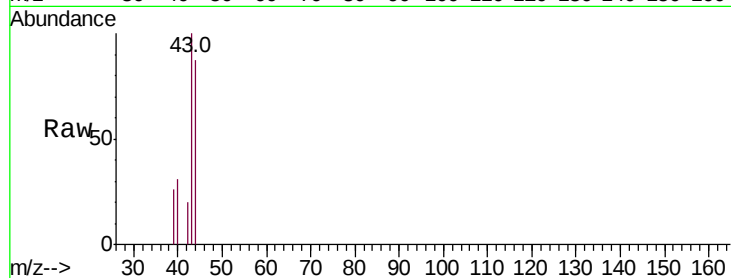
MW-08DL

Tot Ion: 43 Resp: 1927

Ion Ratio Lower Upper

43 100

58 0.0 22.3 33.5#



#17

Carbon Disulfide

Concen: 0.878 ug/l

RT: 4.01 min Scan# 705

Delta R.T. -0.01 min

Lab File: VN064085.D

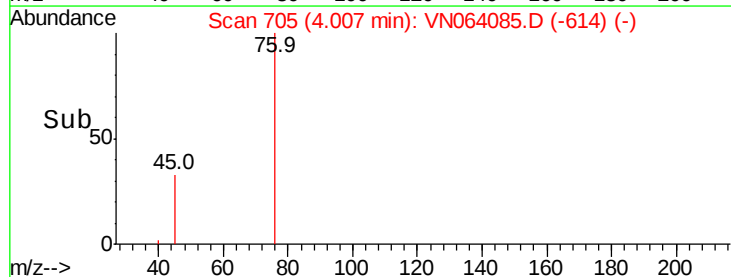
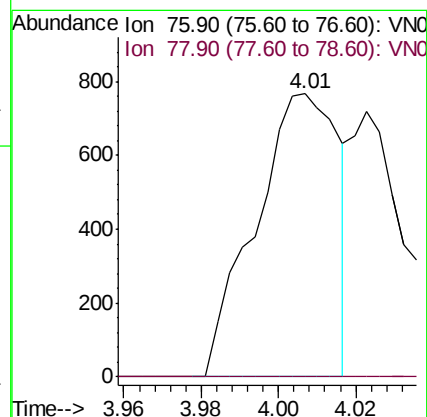
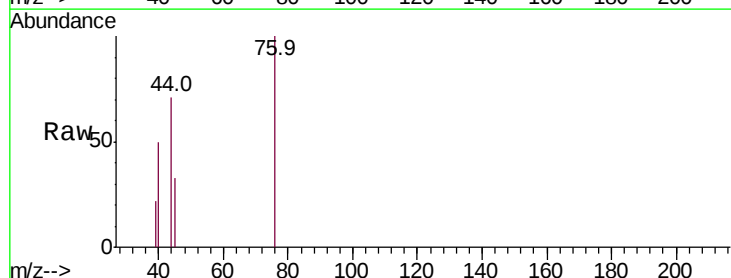
Acq: 12 Oct 2020 18:14

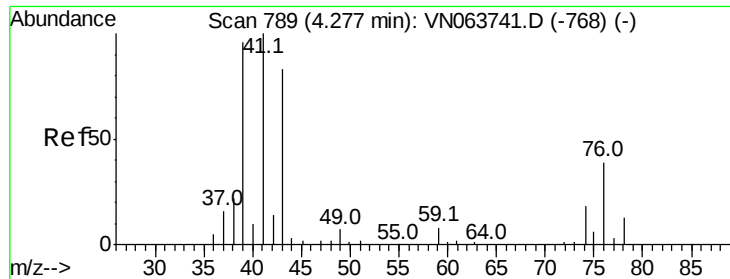
Tgt Ion: 76 Resp: 1144

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.4#

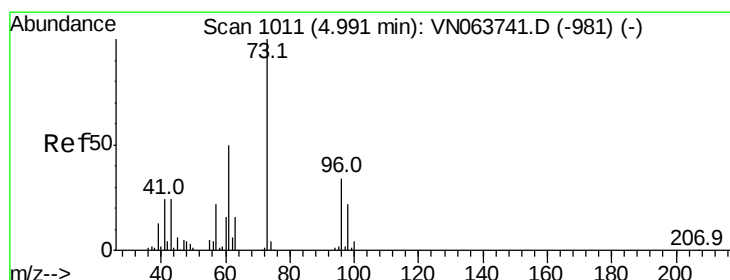
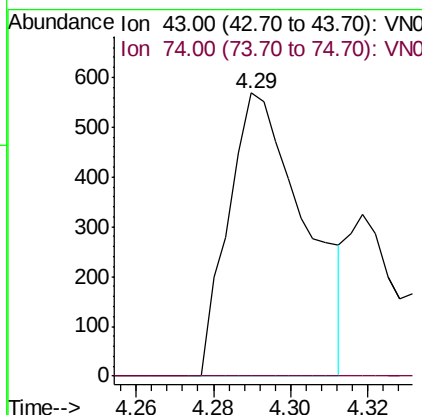
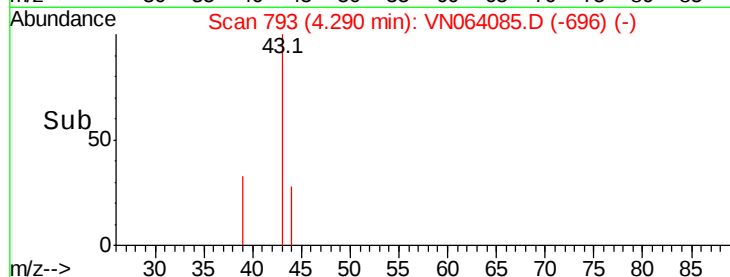
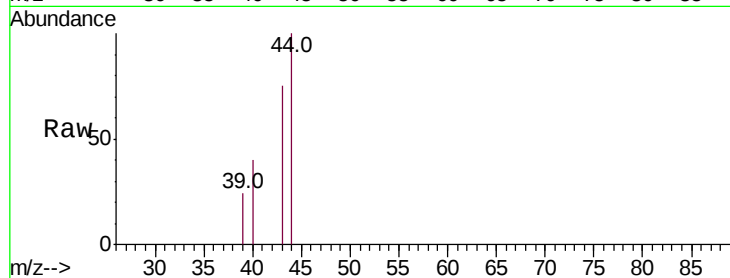




#18
Methyl Acetate
Concen: 0.253 ug/l
RT: 4.29 min Scan# 793
Delta R.T. 0.01 min
Lab File: VN064085.D
Acq: 12 Oct 2020 18:14

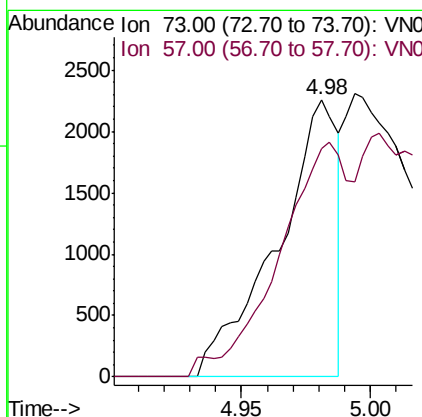
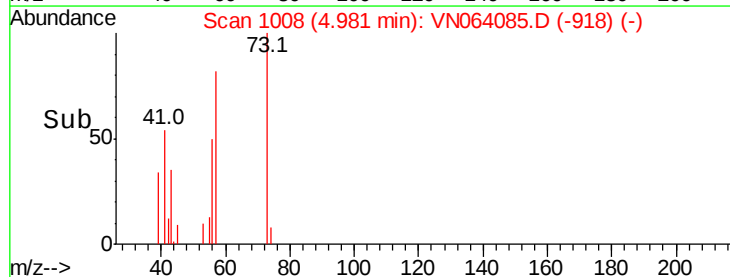
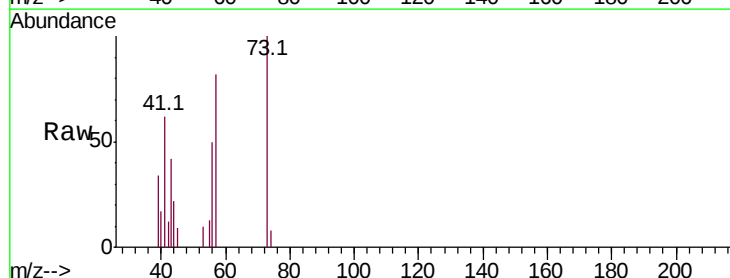
Instrument :
MSVOA_N
ClientSampled :
MW-08DL

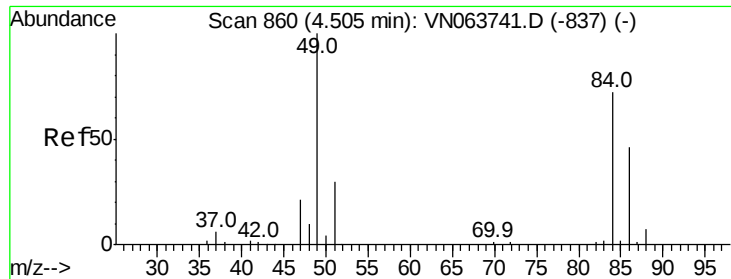
Tot Ion: 43 Resp: 779
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.2#



#19
Methyl tert-butyl Ether
Concen: 0.432 ug/l
RT: 4.98 min Scan# 1008
Delta R.T. -0.01 min
Lab File: VN064085.D
Acq: 12 Oct 2020 18:14

Tgt Ion: 73 Resp: 3683
Ion Ratio Lower Upper
73 100
57 82.2 17.6 26.4#



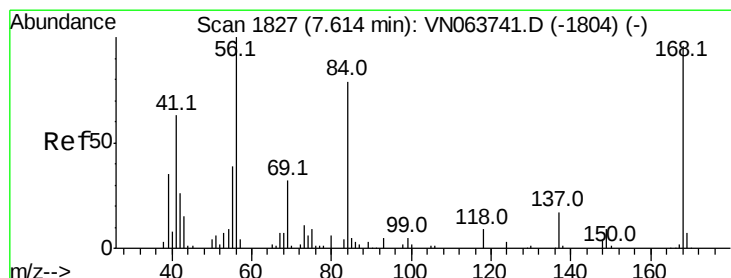
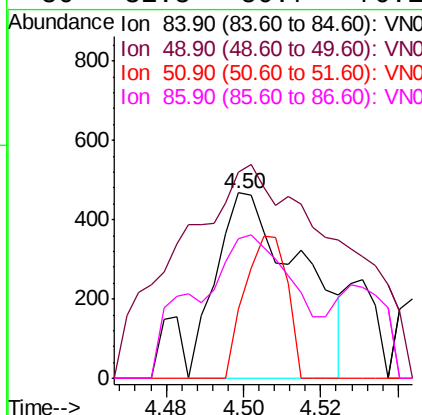
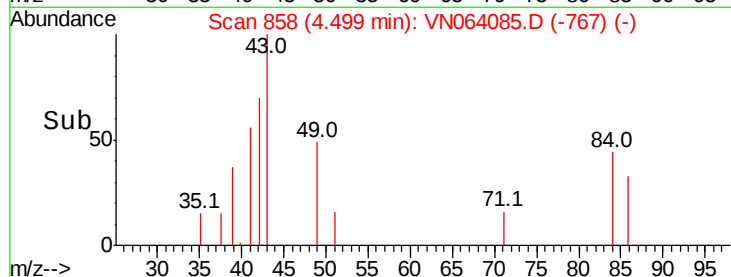
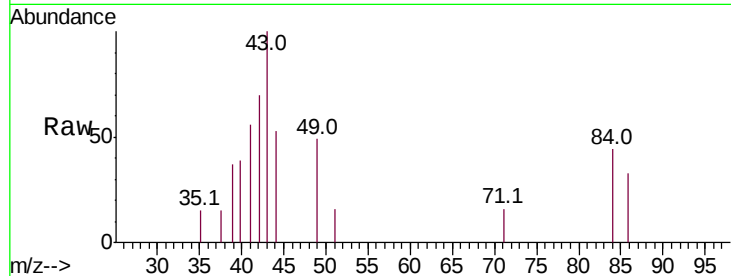


#20
Methvlene Chloride
Concen: 0.359 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.01 min
Lab File: VN064085.D
Acq: 12 Oct 2020 18:14

Instrument :
MSVOA_N
ClientSampled :
MW-08DL

Tot Ion: 84 Resp: 710

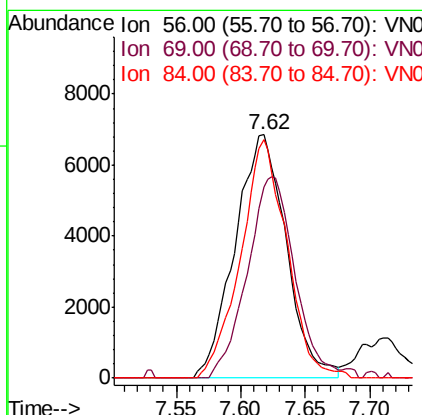
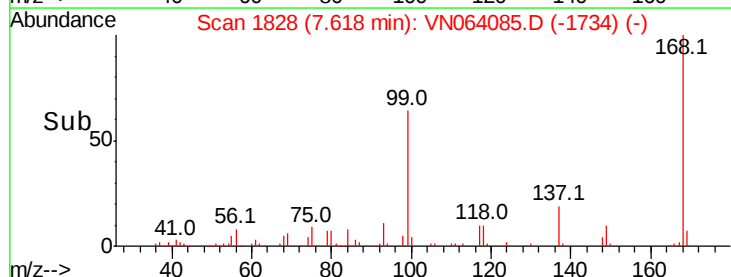
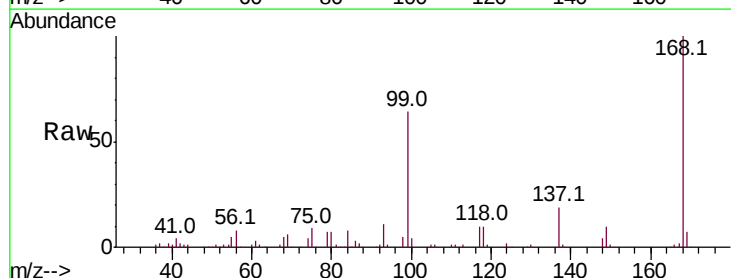
Ion	Ratio	Lower	Upper
84	100		
49	36.8	110.4	165.6#
51	37.0	33.3	49.9
86	31.8	50.7	76.1#

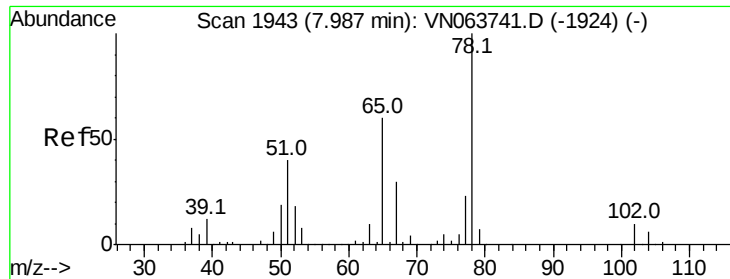


#31
Cyclohexane
Concen: 4.238 ug/l
RT: 7.62 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN064085.D
Acq: 12 Oct 2020 18:14

Tgt Ion: 56 Resp: 18934

Ion	Ratio	Lower	Upper
56	100		
69	78.8	25.4	38.2#
84	97.9	63.3	94.9#





#33

1,2-Dichloroethane-d4

Concen: 50.226 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064085.D

Acq: 12 Oct 2020 18:14

Instrument :

MSVOA_N

ClientSampleId :

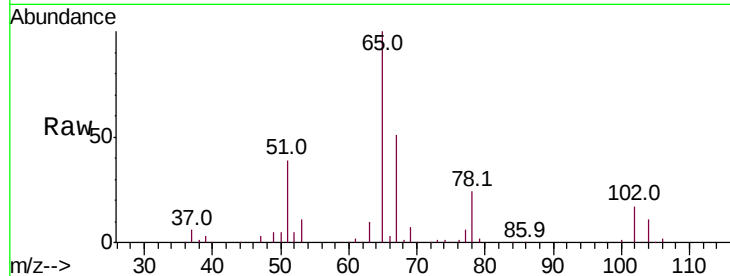
MW-08DL

Tot Ion: 65 Resp: 193299

Ion Ratio Lower Upper

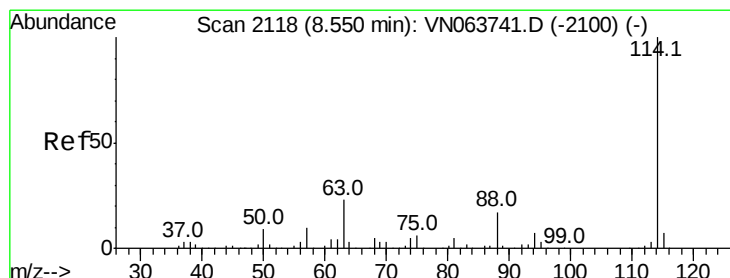
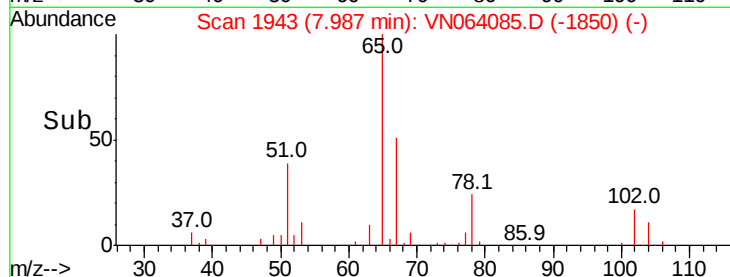
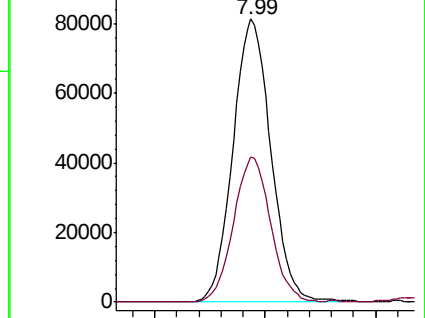
65 100

67 50.3 0.0 99.6



Abundance Ion 64.90 (64.60 to 65.60): VN063741.D (-1924) (-)

Ion 66.90 (66.60 to 67.60): VN063741.D (-1924) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064085.D

Acq: 12 Oct 2020 18:14

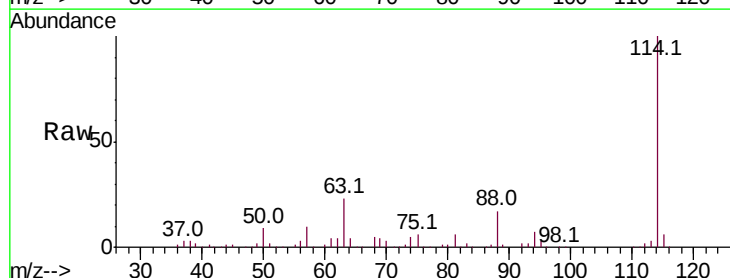
Tgt Ion: 114 Resp: 426096

Ion Ratio Lower Upper

114 100

63 23.4 0.0 45.0

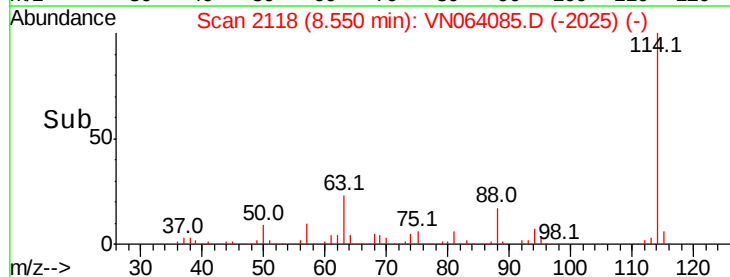
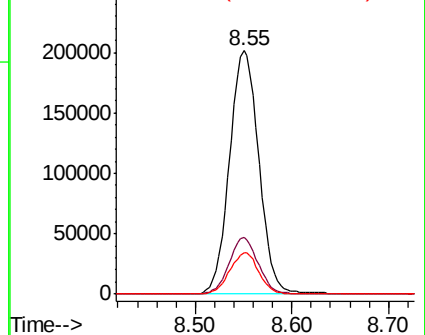
88 16.8 0.0 34.0

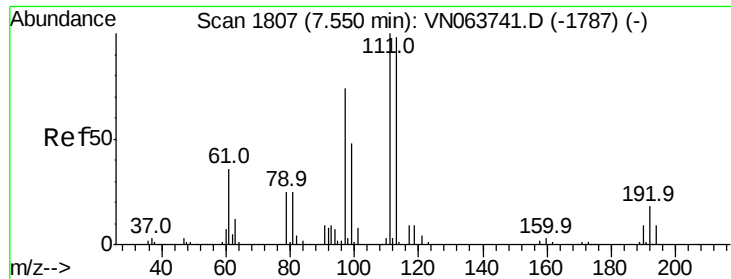


Abundance Ion 113.90 (113.60 to 114.60): VN063741.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN063741.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN063741.D (-2100) (-)

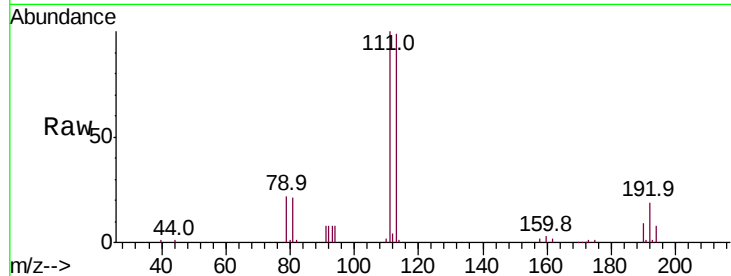




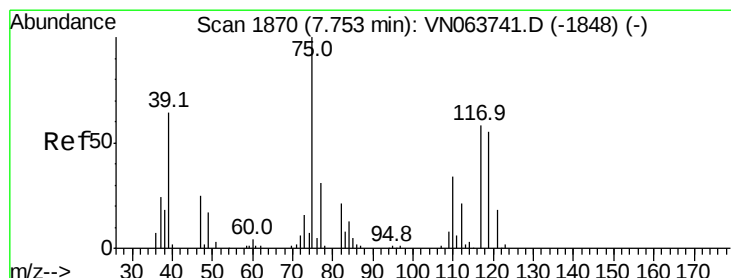
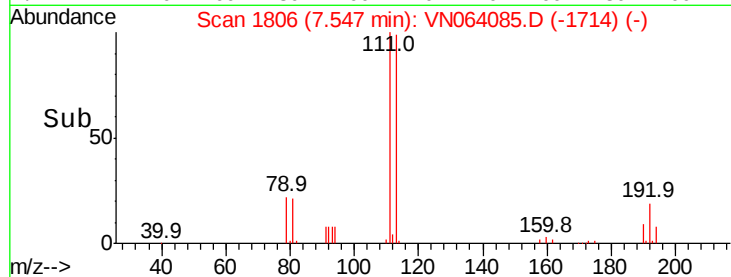
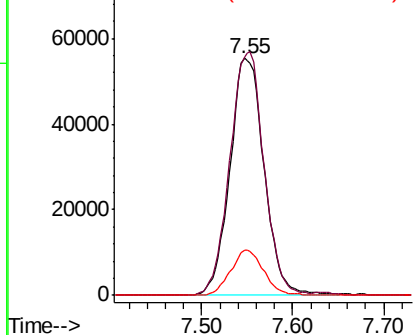
#35
 Dibromofluoromethane
 Concen: 49.031 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064085.D
 Acq: 12 Oct 2020 18:14

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-08DL

Tot Ion:113 Resp: 144963
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.8 122.8
 192 18.3 14.2 21.2

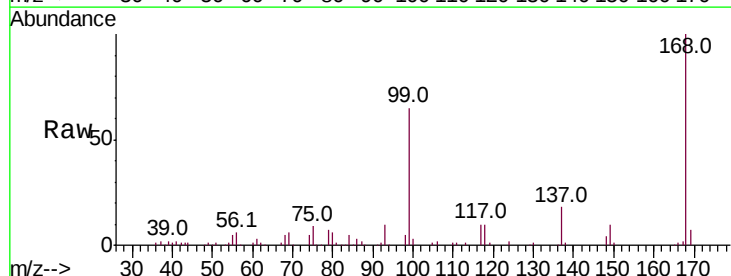


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

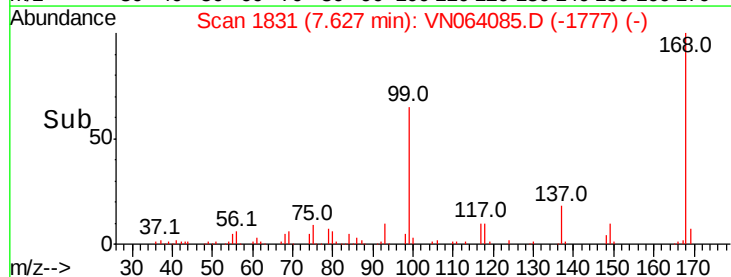
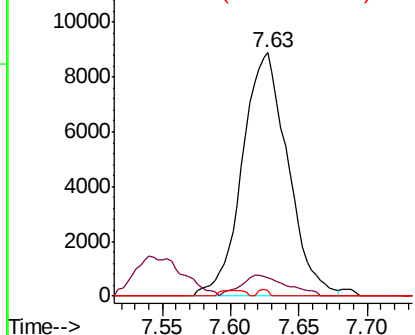


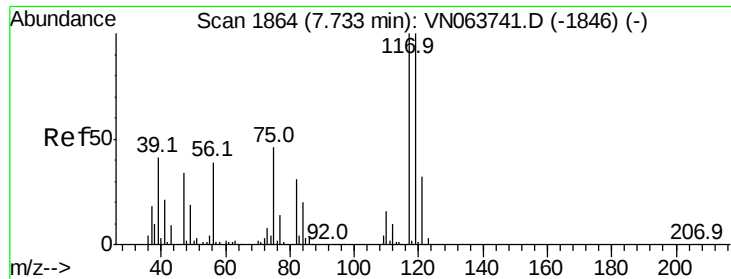
#36
 1,1-Dichloropropene
 Concen: 4.767 ug/l
 RT: 7.63 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN064085.D
 Acq: 12 Oct 2020 18:14

Tgt Ion: 75 Resp: 20579
 Ion Ratio Lower Upper
 75 100
 110 8.7 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

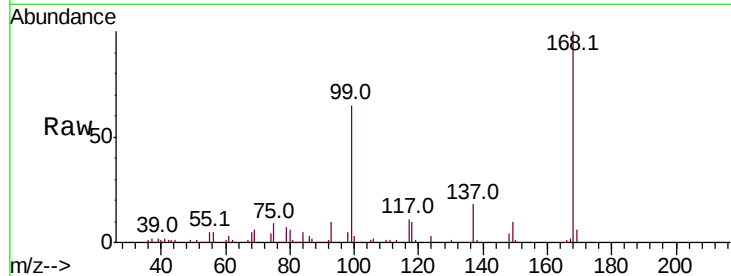




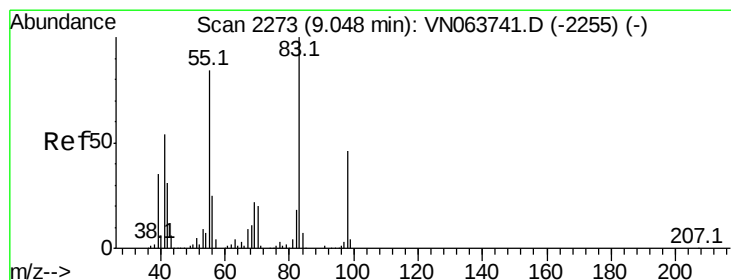
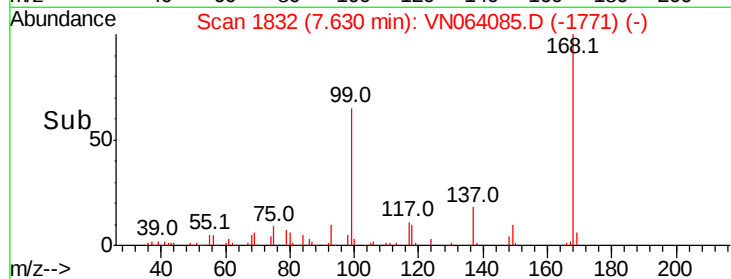
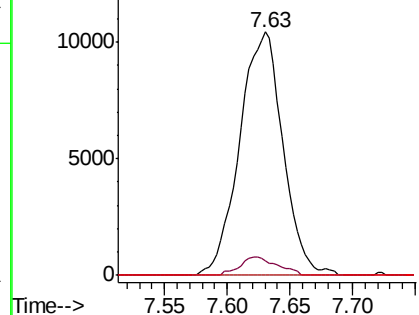
#38
Carbon Tetrachloride
Concen: 5.177 ug/l
RT: 7.63 min Scan# 1832
Delta R.T. -0.10 min
Lab File: VN064085.D
Acq: 12 Oct 2020 18:14

Instrument :
MSVOA_N
ClientSampled :
MW-08DL

Tot Ion:117 Resp: 25058
Ion Ratio Lower Upper
117 100
119 6.0 80.1 120.1#
121 0.0 25.7 38.5#

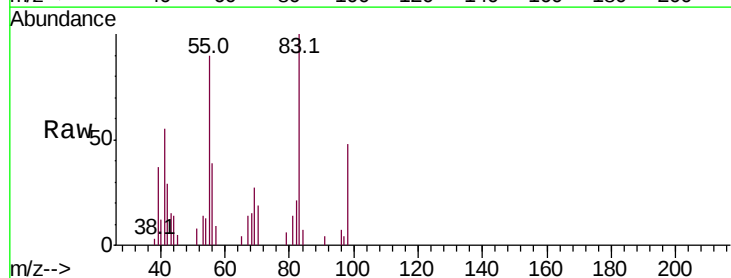


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

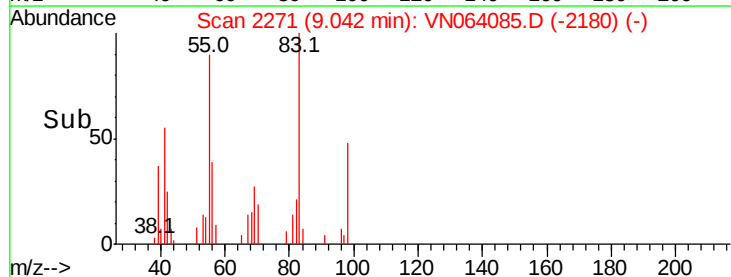
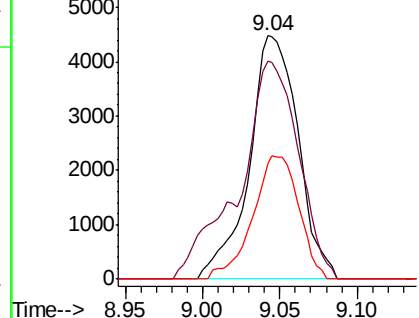


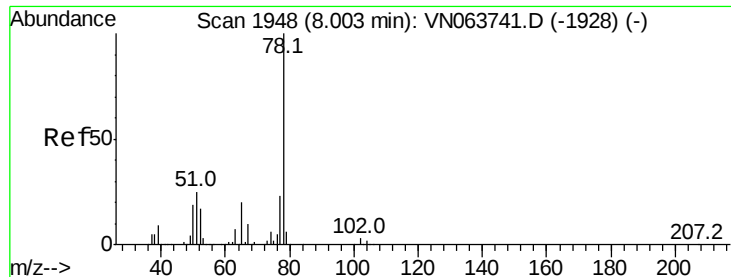
#39
Methylcyclohexane
Concen: 2.293 ug/l
RT: 9.04 min Scan# 2271
Delta R.T. -0.01 min
Lab File: VN064085.D
Acq: 12 Oct 2020 18:14

Tgt Ion: 83 Resp: 9870
Ion Ratio Lower Upper
83 100
55 89.6 67.1 100.7
98 47.5 36.6 54.8



Abundance Ion 83.00 (82.70 to 83.70): V
Ion 55.00 (54.70 to 55.70): V
Ion 98.00 (97.70 to 98.70): V





#40

Benzene

Concen: 6.043 ug/l

RT: 8.00 min Scan# 1948

Delta R.T. 0.00 min

Lab File: VN064085.D

Acq: 12 Oct 2020 18:14

Instrument :

MSVOA_N

ClientSampleId :

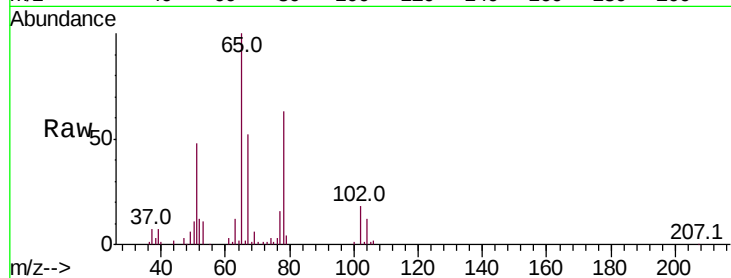
MW-08DL

Tot Ion: 78 Resp: 74508

Ion Ratio Lower Upper

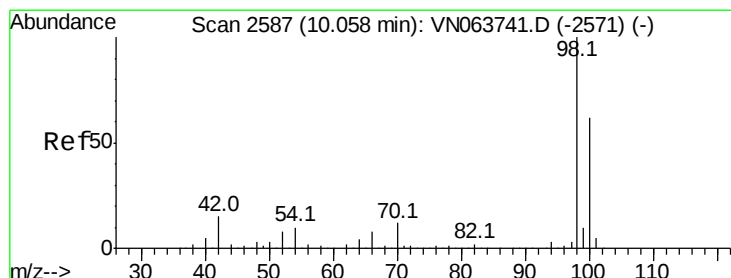
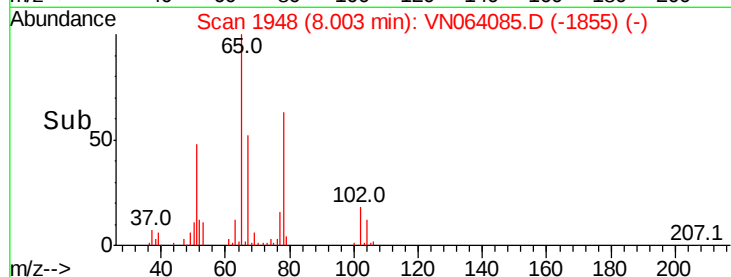
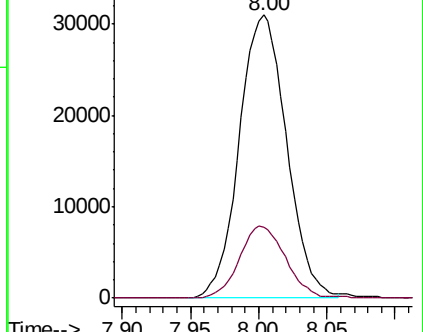
78 100

77 25.1 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VN063741.D (-1928) (-)

Ion 77.00 (76.70 to 77.70): VN063741.D (-1928) (-)



#50

Toluene-d8

Concen: 49.096 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064085.D

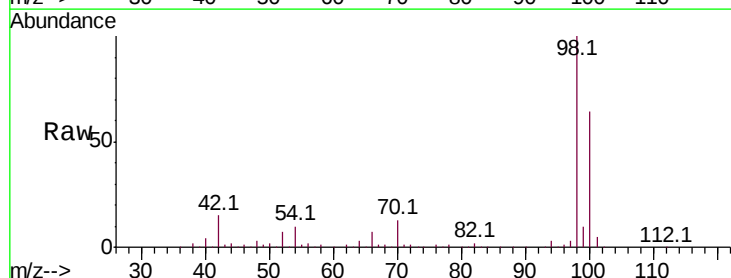
Acq: 12 Oct 2020 18:14

Tgt Ion: 98 Resp: 550273

Ion Ratio Lower Upper

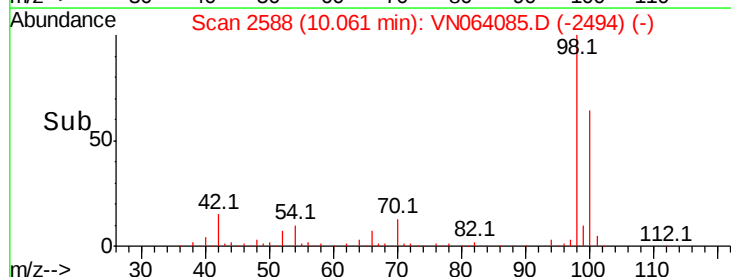
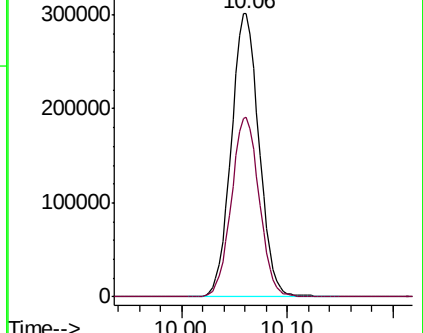
98 100

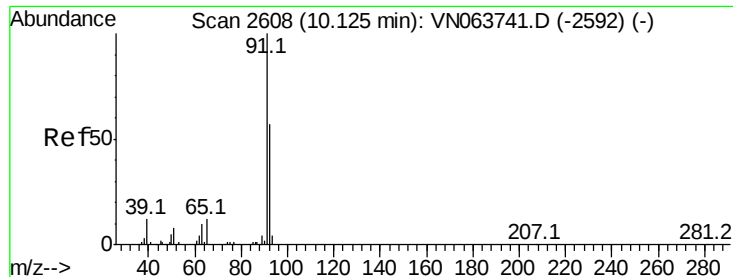
100 63.8 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN063741.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN063741.D (-2571) (-)





#52

Toluene

Concen: 10.772 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064085.D

Acq: 12 Oct 2020 18:14

Instrument :

MSVOA_N

ClientSampleId :

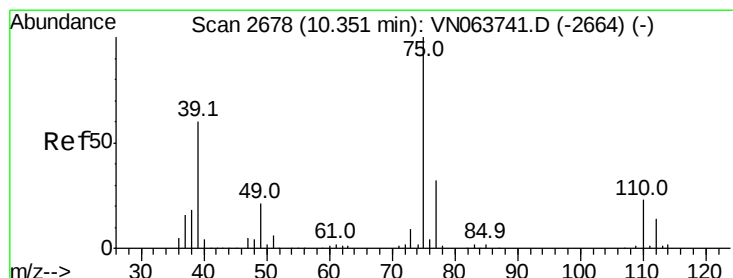
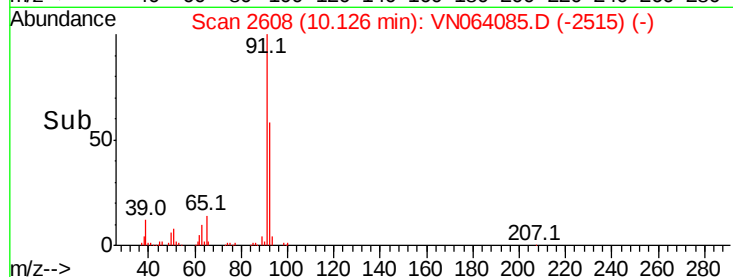
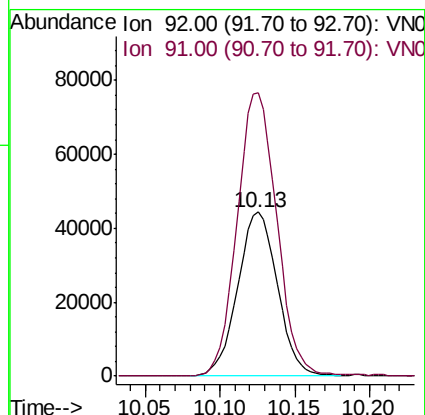
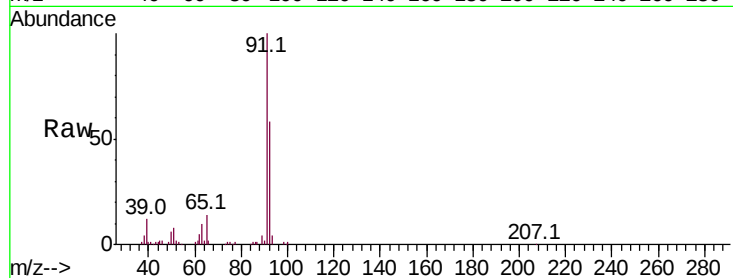
MW-08DL

Tot Ion: 92 Resp: 82153

Ion Ratio Lower Upper

92 100

91 172.2 140.6 210.8



#53

t-1,3-Dichloropropene

Concen: 0.202 ug/l

RT: 10.13 min Scan# 2610

Delta R.T. -0.22 min

Lab File: VN064085.D

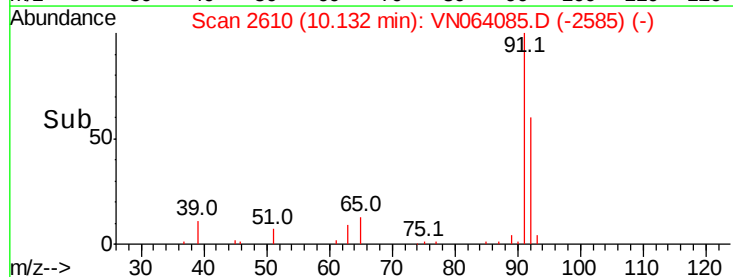
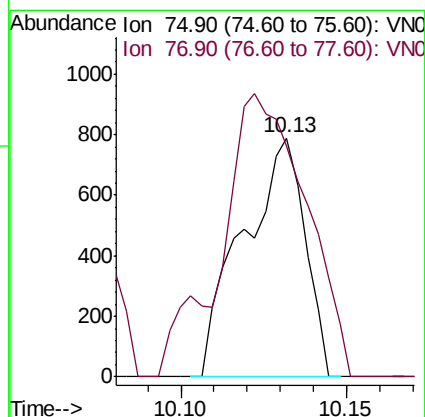
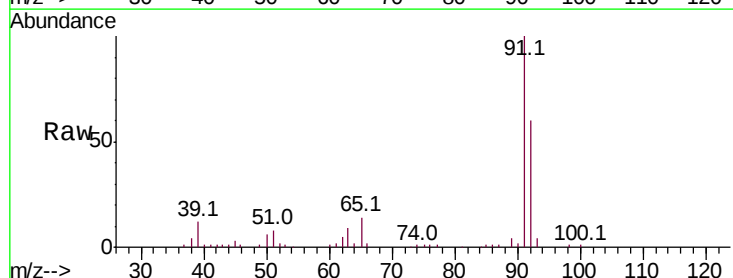
Acq: 12 Oct 2020 18:14

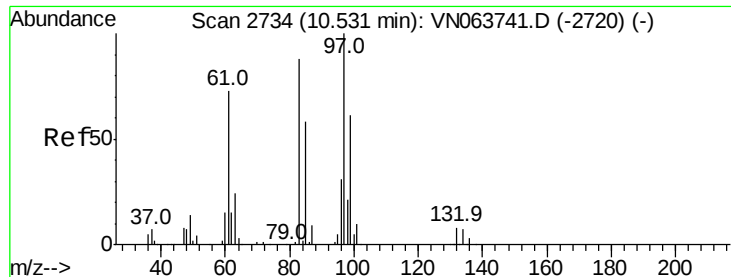
Tgt Ion: 75 Resp: 1023

Ion Ratio Lower Upper

75 100

77 74.4 25.3 37.9#





#55

1,1,2-Trichloroethane

Concen: 0.252 ug/l

RT: 10.51 min Scan# 2728

Delta R.T. -0.02 min

Lab File: VN064085.D

Acq: 12 Oct 2020 18:14

Instrument :

MSVOA_N

ClientSampled :

MW-08DL

Tot Ion: 97 Resp: 771

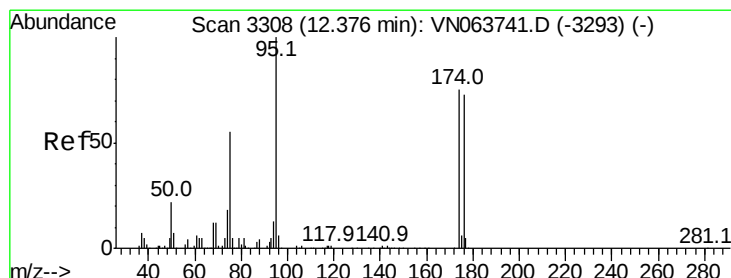
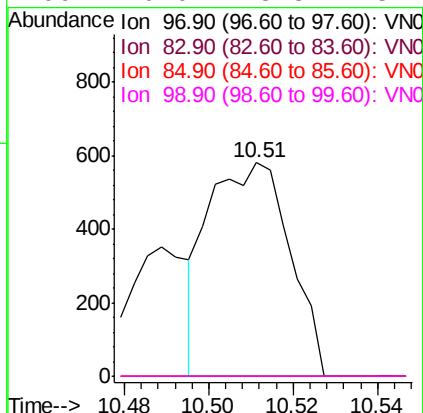
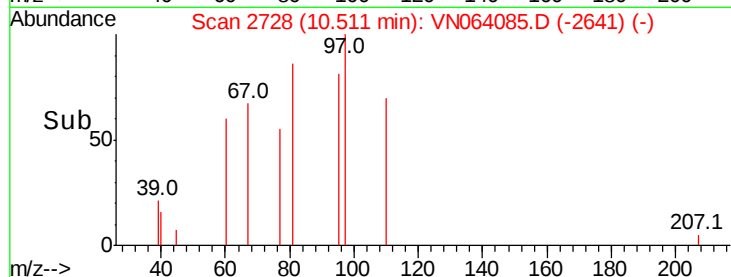
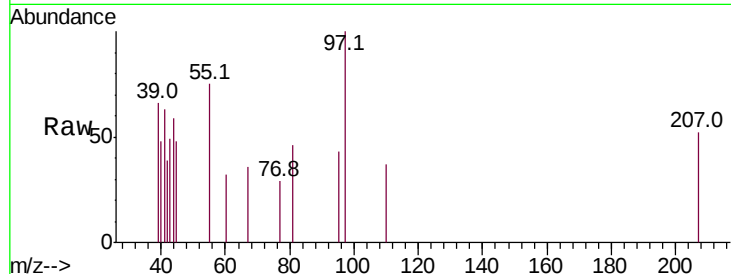
Ion Ratio Lower Upper

97 100

83 0.0 70.7 106.1#

85 0.0 46.1 69.1#

99 0.0 48.8 73.2#



#62

4-Bromofluorobenzene

Concen: 54.940 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064085.D

Acq: 12 Oct 2020 18:14

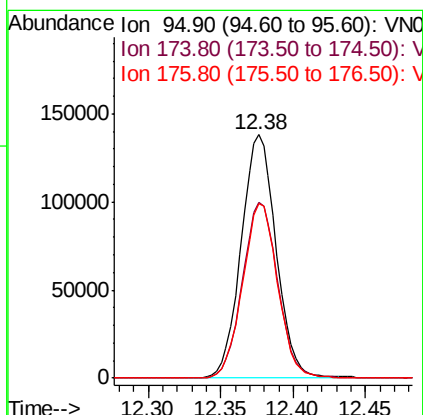
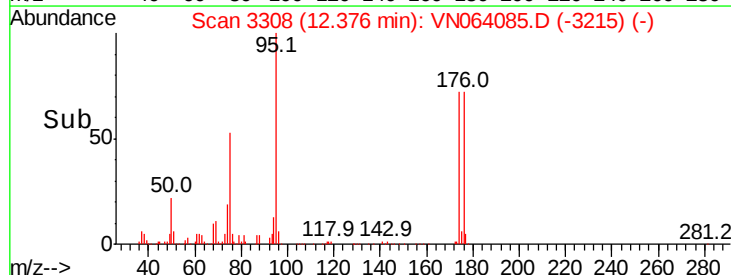
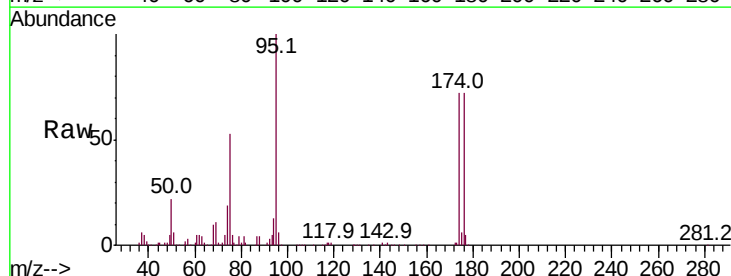
Tgt Ion: 95 Resp: 231476

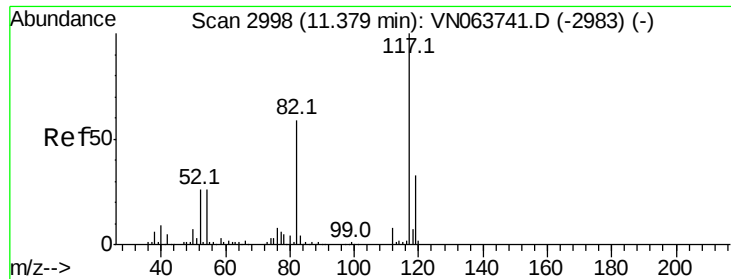
Ion Ratio Lower Upper

95 100

174 73.5 0.0 150.6

176 71.9 0.0 145.4

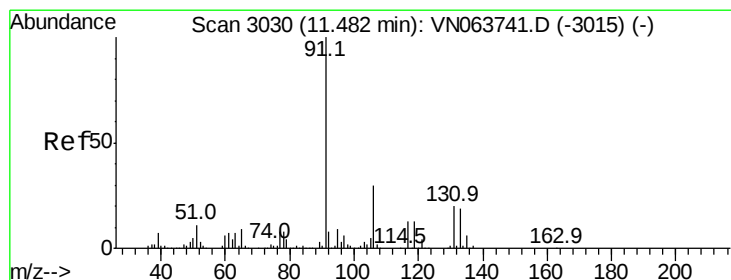
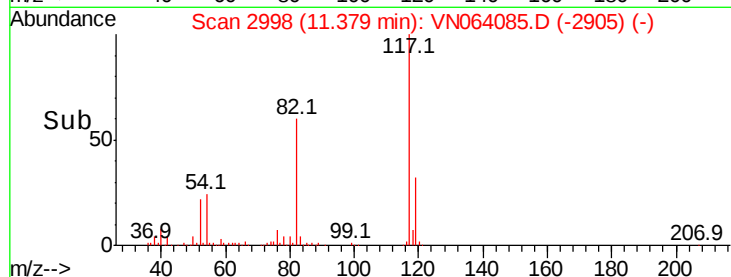
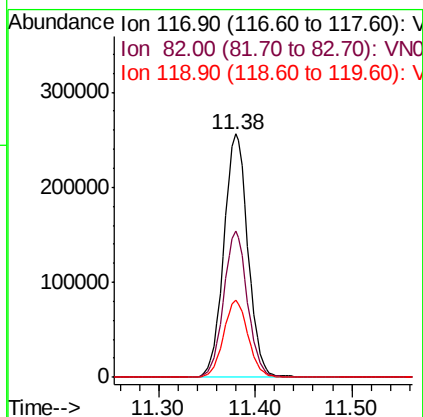
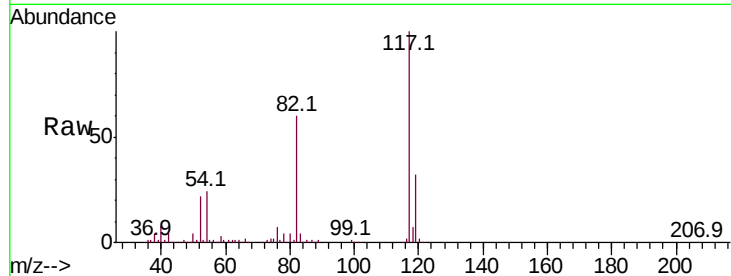




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064085.D
Acq: 12 Oct 2020 18:14

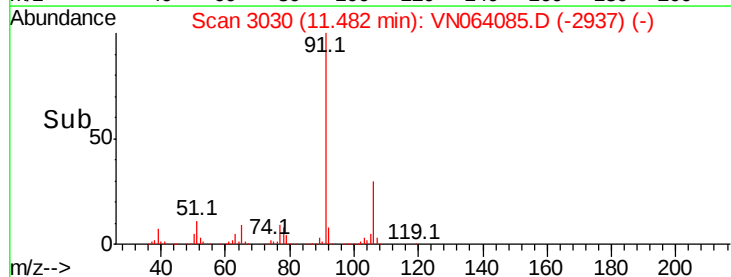
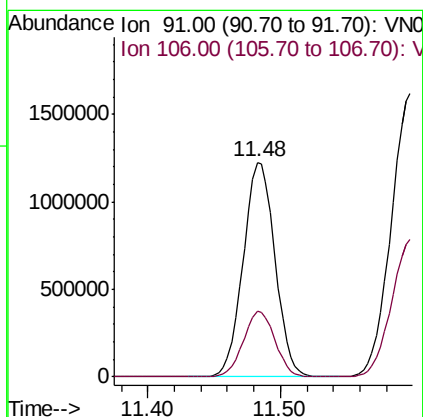
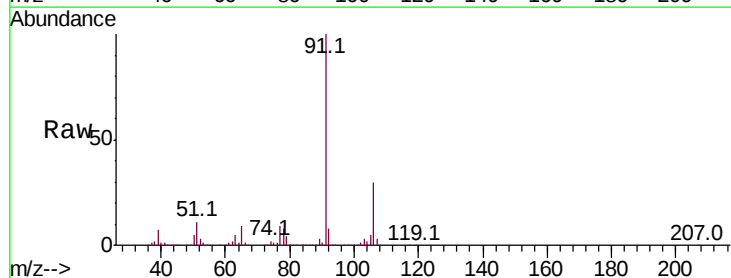
Instrument :
MSVOA_N
ClientSampleId :
MW-08DL

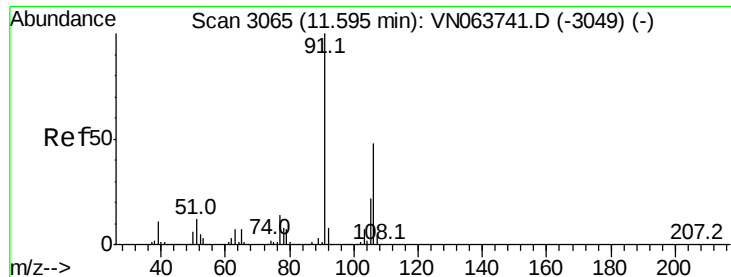
Tot Ion:117 Resp: 442896
Ion Ratio Lower Upper
117 100
82 60.1 47.4 71.2
119 31.5 26.4 39.6



#67
Ethyl Benzene
Concen: 123.468 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064085.D
Acq: 12 Oct 2020 18:14

Tgt Ion: 91 Resp: 2041132
Ion Ratio Lower Upper
91 100
106 30.5 24.2 36.2





#68

m/p-Xylenes

Concen: 238.600 ug/l

RT: 11.60 min Scan# 3066

Delta R.T. 0.00 min

Lab File: VN064085.D

Acq: 12 Oct 2020 18:14

Instrument :

MSVOA_N

ClientSampled :

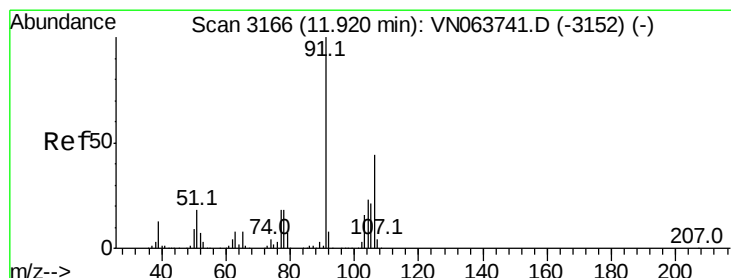
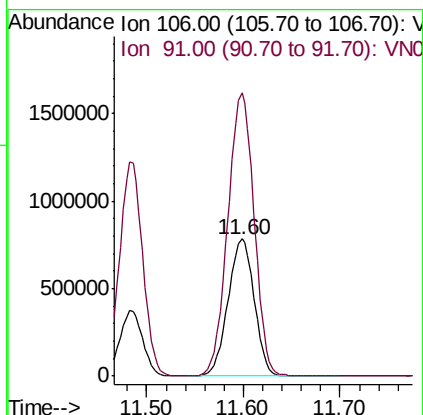
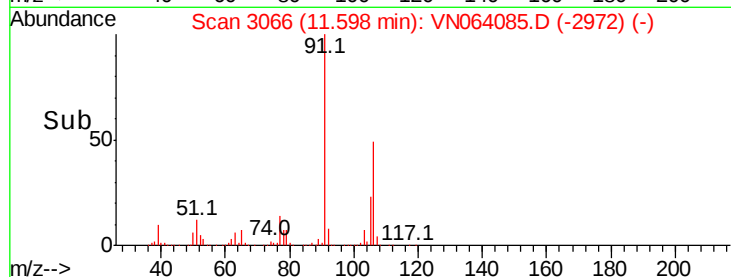
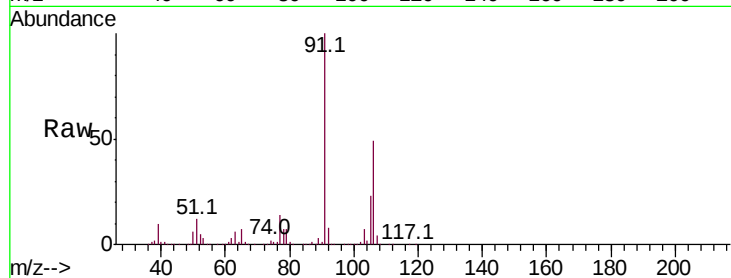
MW-08DL

Tot Ion:106 Resp: 1470096

Ion Ratio Lower Upper

106 100

91 208.5 168.0 252.0



#69

o-Xylene

Concen: 254.801 ug/l

RT: 11.92 min Scan# 3167

Delta R.T. 0.00 min

Lab File: VN064085.D

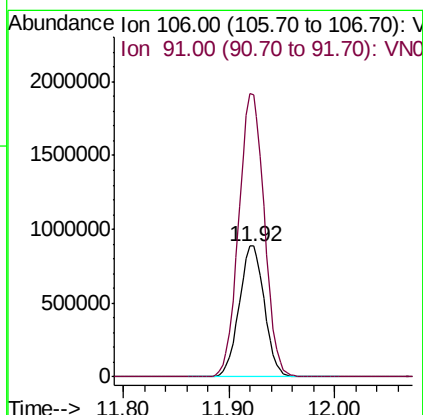
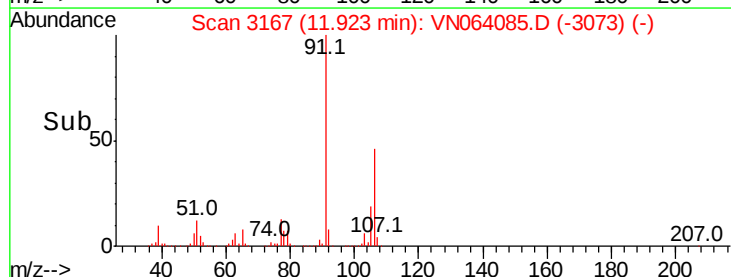
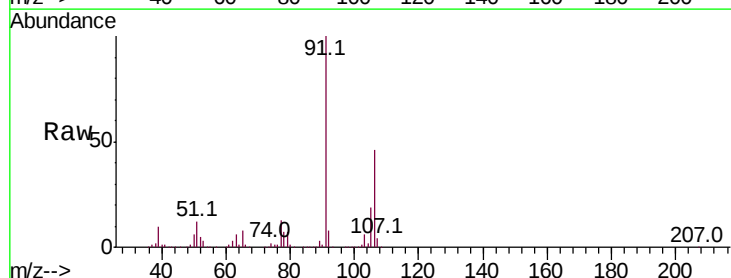
Acq: 12 Oct 2020 18:14

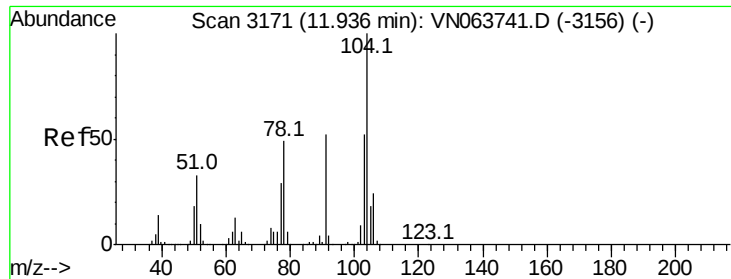
Tgt Ion:106 Resp: 1467346

Ion Ratio Lower Upper

106 100

91 219.8 112.7 338.0





#70

Stvrene

Concen: 7.609 ug/l

RT: 11.92 min Scan# 3167

Delta R.T. -0.01 min

Lab File: VN064085.D

Acq: 12 Oct 2020 18:14

Instrument :

MSVOA_N

ClientSampleId :

MW-08DL

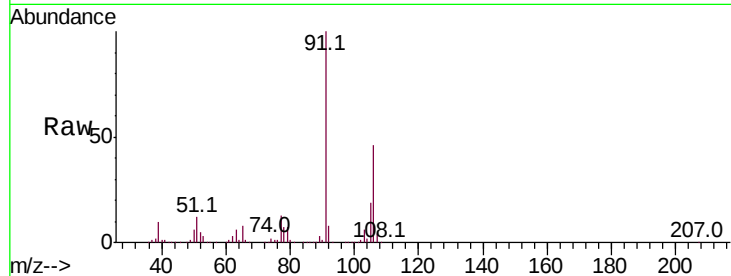
Tot Ion:104 Resp: 74380

Ion Ratio Lower Upper

104 100

78 315.3 44.1 66.1#

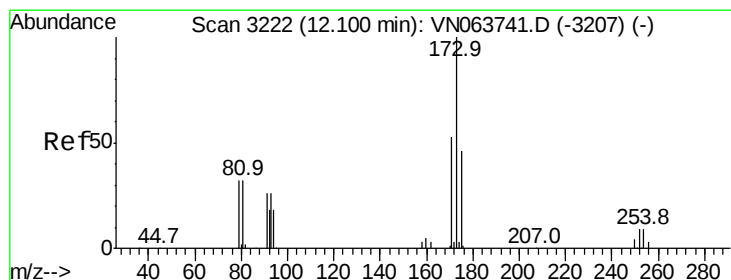
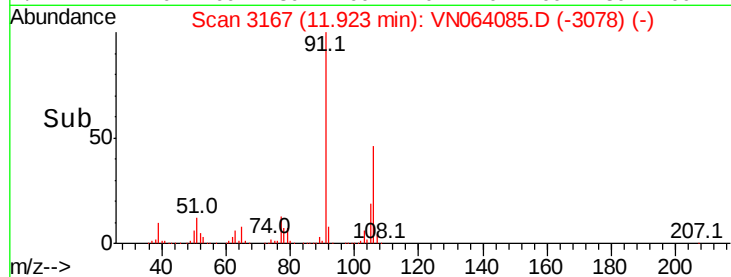
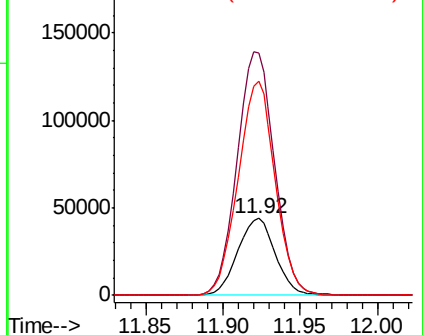
103 274.1 44.3 66.5#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 0.217 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.28 min

Lab File: VN064085.D

Acq: 12 Oct 2020 18:14

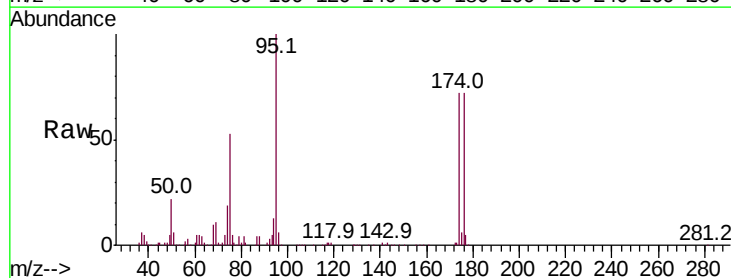
Tgt Ion:173 Resp: 578

Ion Ratio Lower Upper

173 100

175 1861.1 23.5 70.5#

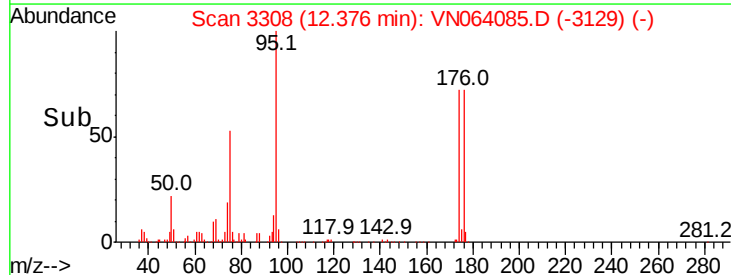
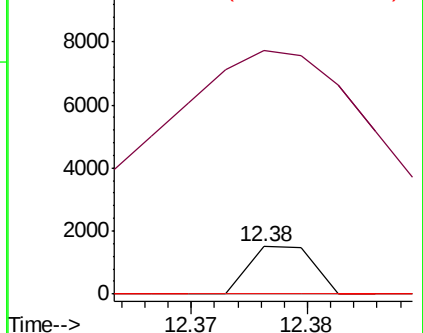
254 0.0 0.0 0.0

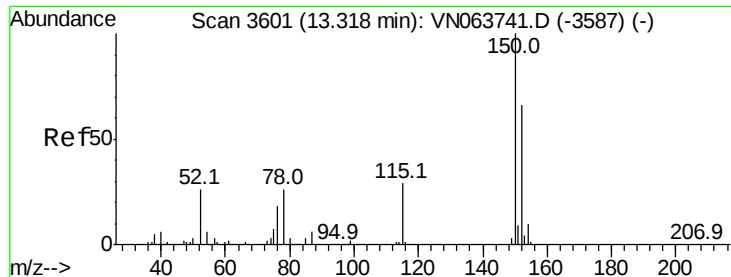


Abundance Ion 172.70 (172.40 to 173.40): V

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: VN064085.D

Acq: 12 Oct 2020 18:14

Instrument :

MSVOA_N

ClientSampleId :

MW-08DL

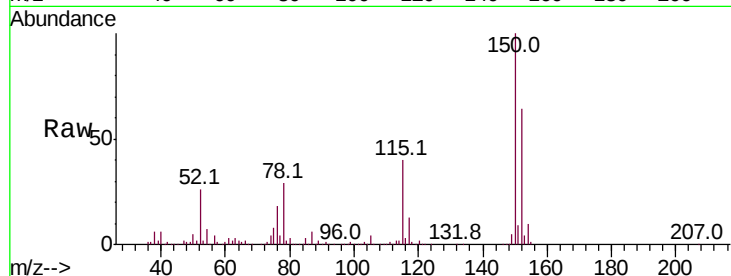
Tot Ion:152 Resp: 207085

Ion Ratio Lower Upper

152 100

115 76.2 31.3 93.8

150 157.3 0.0 341.8

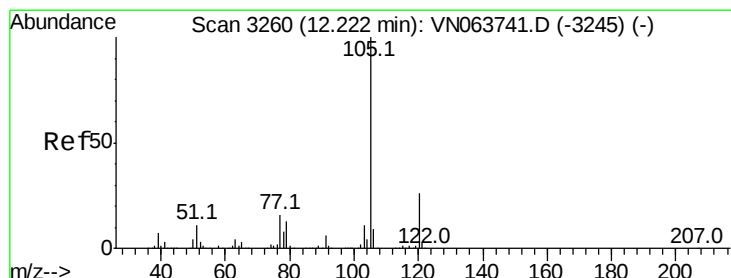
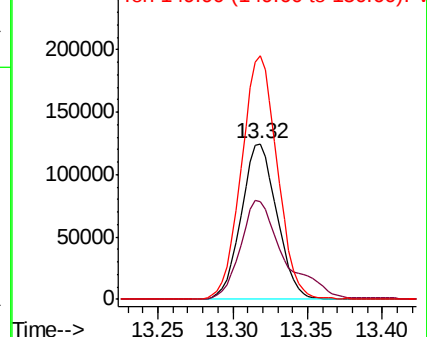
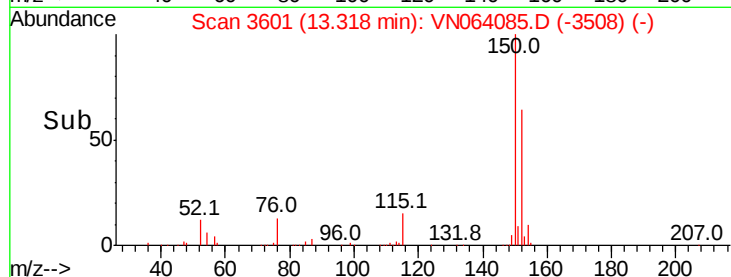


Abundance

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



#73

Isopropylbenzene

Concen: 5.473 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN064085.D

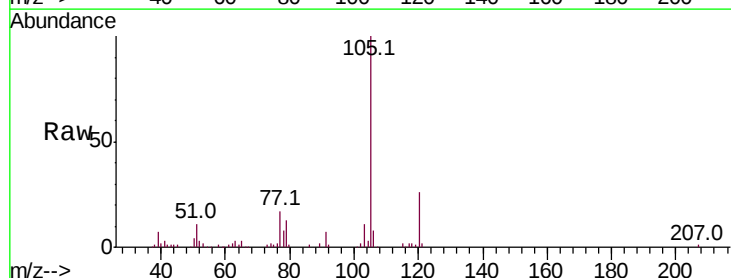
Acq: 12 Oct 2020 18:14

Tgt Ion:105 Resp: 82672

Ion Ratio Lower Upper

105 100

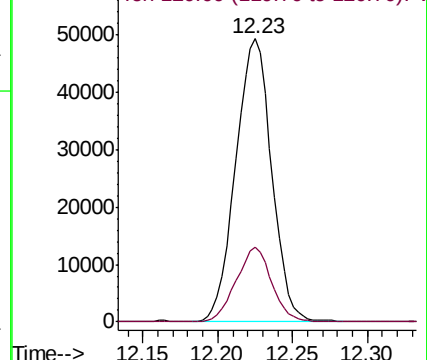
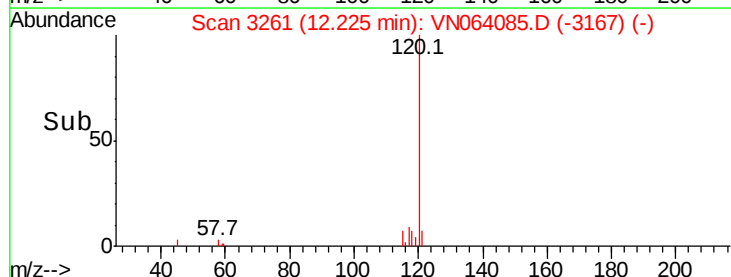
120 26.0 12.6 37.8

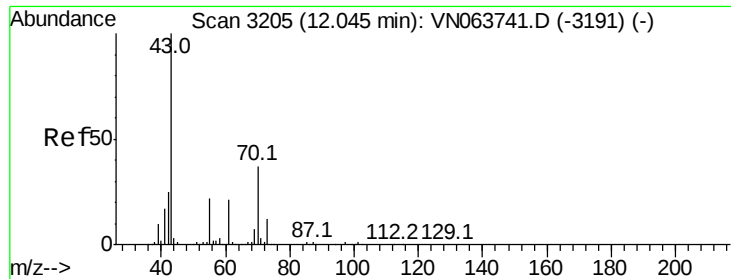


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyl acetate

Concen: 2.243 ug/l

RT: 12.06 min Scan# 3209

Delta R.T. 0.01 min

Lab File: VN064085.D

Acq: 12 Oct 2020 18:14

Instrument :

MSVOA_N

ClientSampleId :

MW-08DL

Tot Ion: 43 Resp: 199

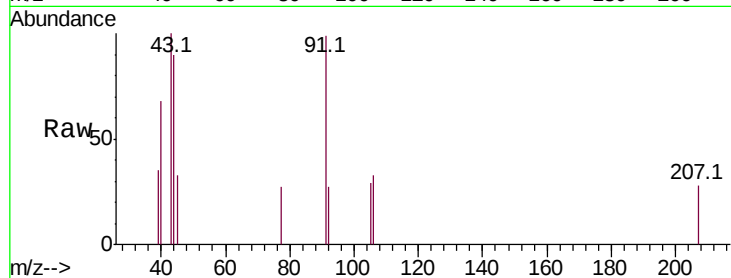
Ion Ratio Lower Upper

43 100

70 0.0 29.8 44.8#

55 61.3 17.9 26.9#

61 0.0 17.0 25.4#

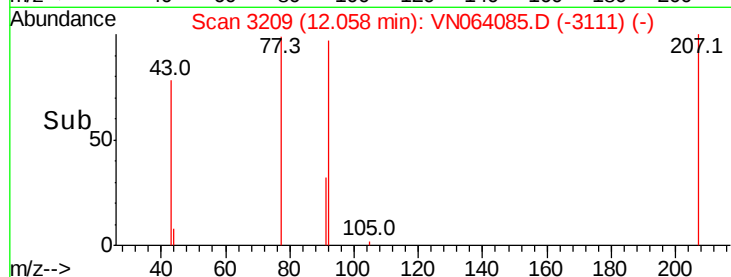
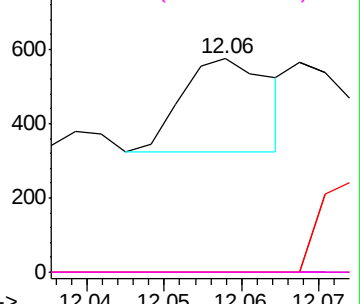


Abundance Ion 43.00 (42.70 to 43.70): VNO

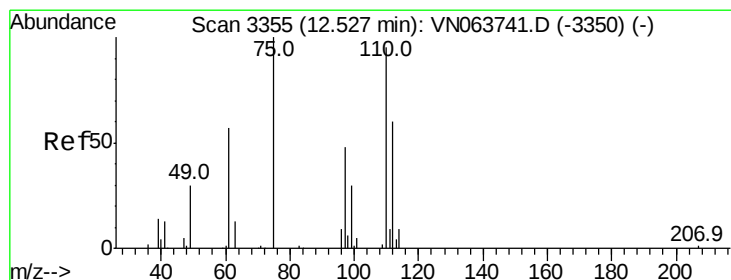
Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO



Time-->



#76

1,2,3-Trichloropropane

Concen: 1.268 ug/l

RT: 12.63 min Scan# 3387

Delta R.T. 0.10 min

Lab File: VN064085.D

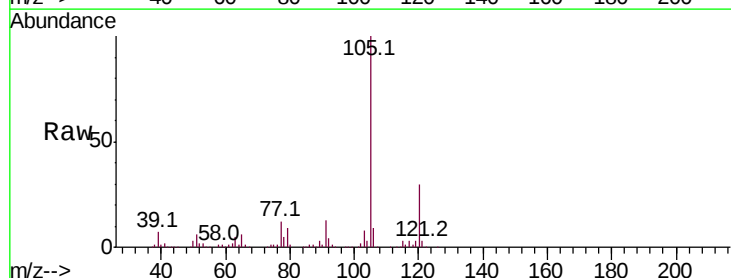
Acq: 12 Oct 2020 18:14

Tgt Ion: 75 Resp: 5789

Ion Ratio Lower Upper

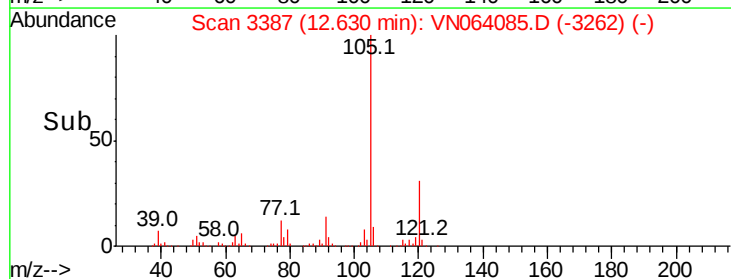
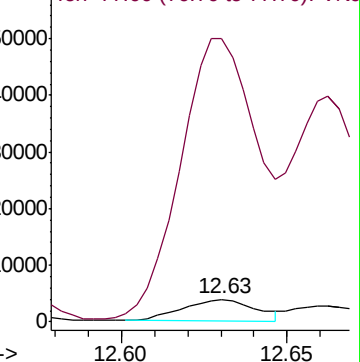
75 100

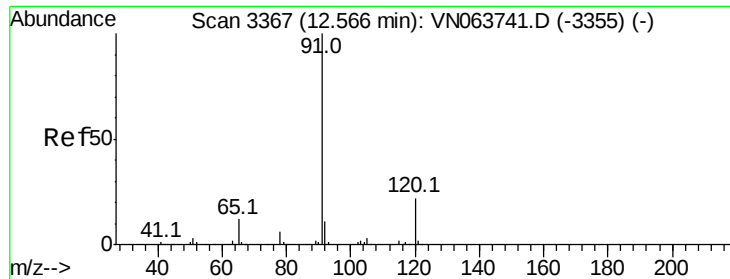
77 1399.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#78

n-propylbenzene

Concen: 12.166 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064085.D

Acq: 12 Oct 2020 18:14

Instrument :

MSVOA_N

ClientSampled :

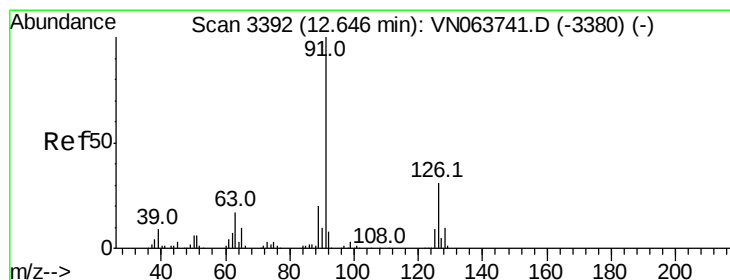
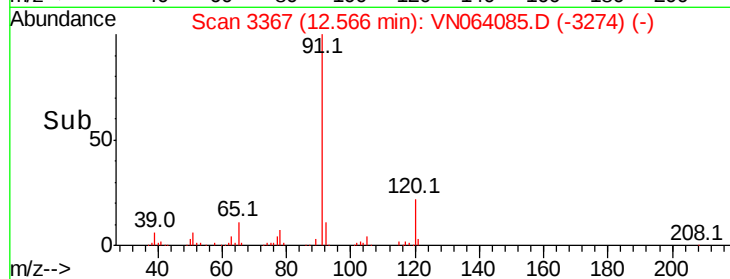
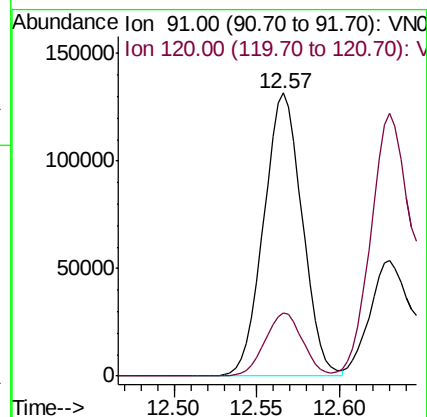
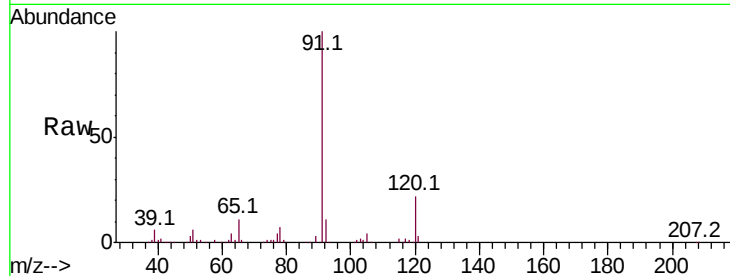
MW-08DL

Tot Ion: 91 Resp: 213871

Ion Ratio Lower Upper

91 100

120 21.9 11.1 33.1



#79

2-Chlorotoluene

Concen: 5.287 ug/l

RT: 12.66 min Scan# 3397

Delta R.T. 0.02 min

Lab File: VN064085.D

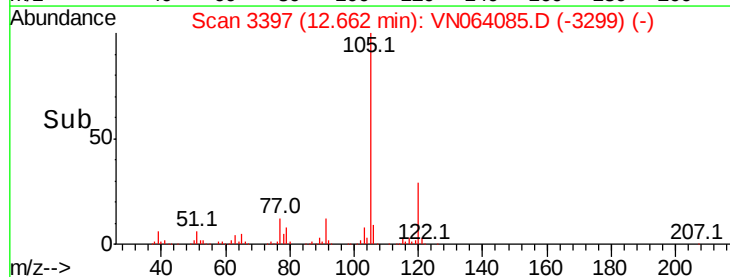
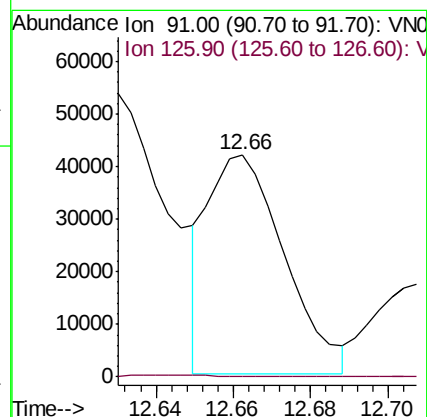
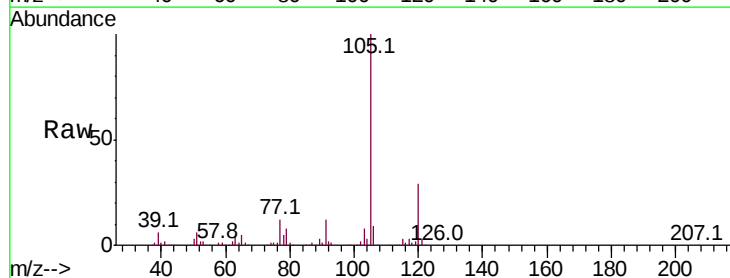
Acq: 12 Oct 2020 18:14

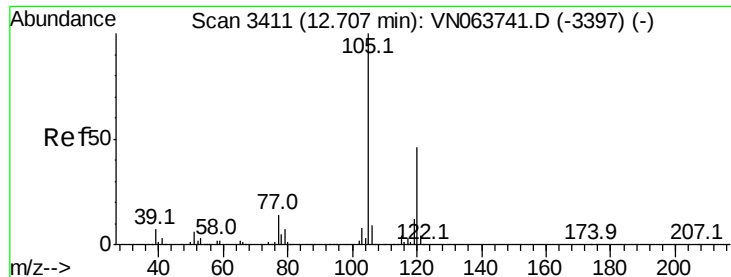
Tgt Ion: 91 Resp: 57156

Ion Ratio Lower Upper

91 100

126 1.0 15.9 47.7#

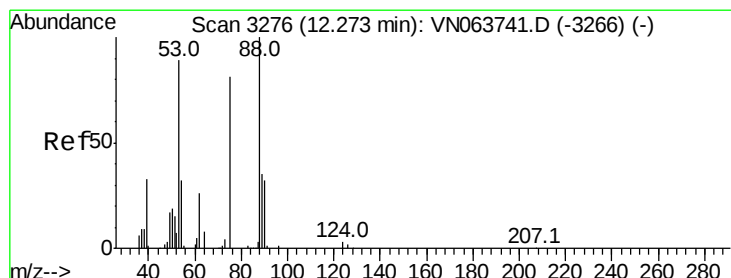
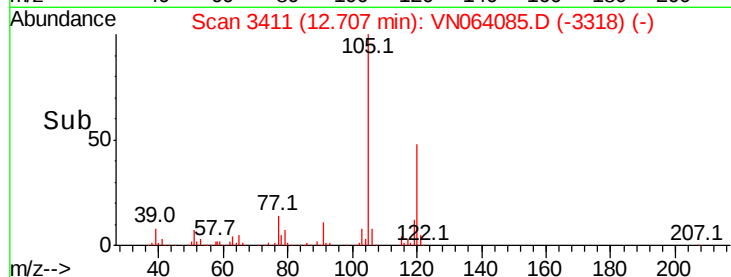
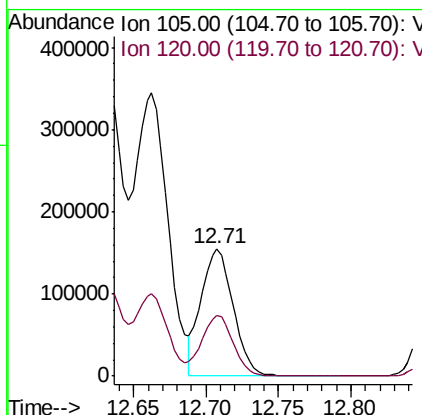
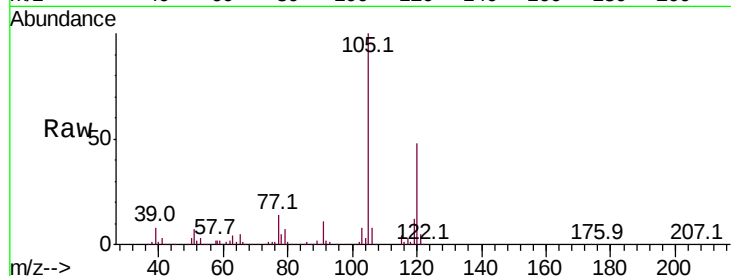




#80
 1,3,5-Trimethylbenzene
 Concen: 18.834 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN064085.D
 Acq: 12 Oct 2020 18:14

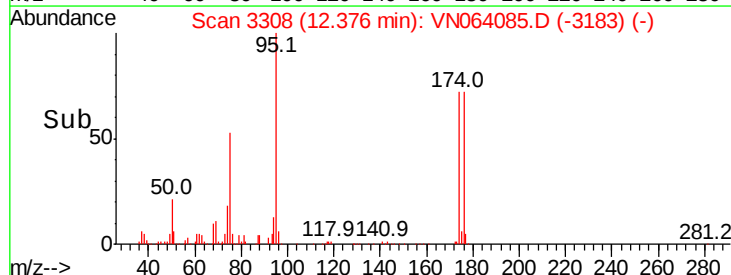
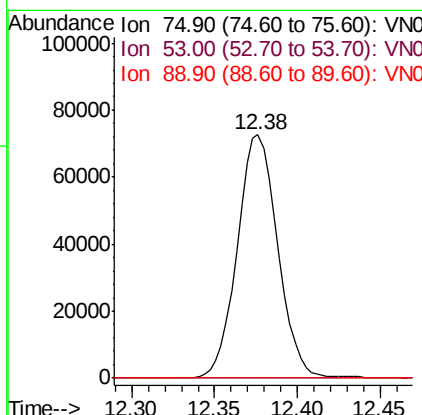
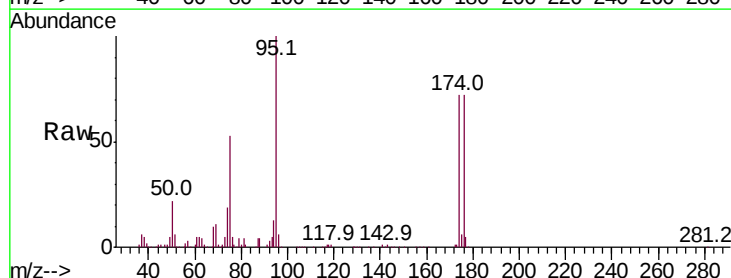
Instrument :
 MSVOA_N
 ClientSampled :
 MW-08DL

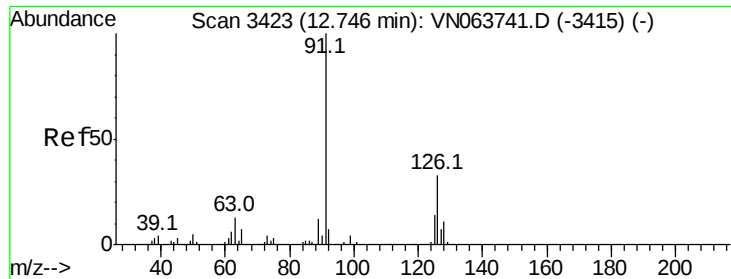
Tot Ion:105 Resp: 238669
 Ion Ratio Lower Upper
 105 100
 120 47.7 23.3 69.9



#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.355 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.10 min
 Lab File: VN064085.D
 Acq: 12 Oct 2020 18:14

Tgt Ion: 75 Resp: 122605
 Ion Ratio Lower Upper
 75 100
 53 0.1 88.2 132.2#
 89 0.0 36.0 54.0#

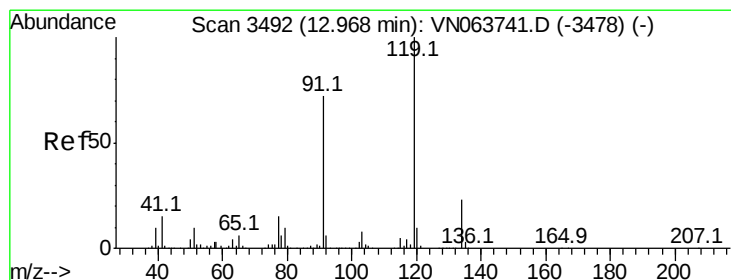
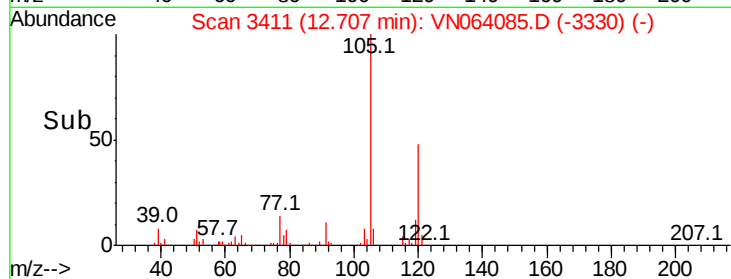
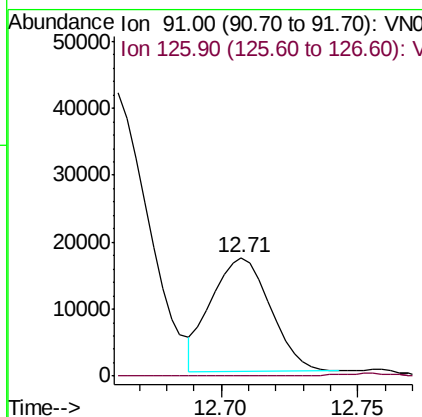
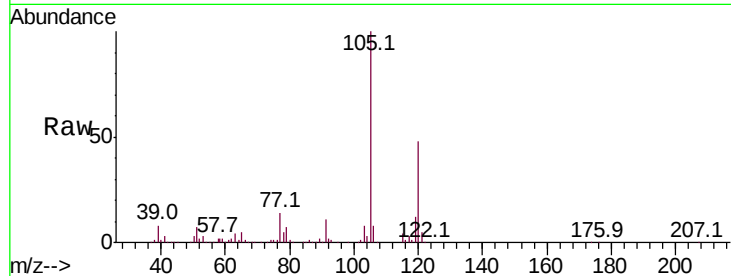




#82
4-Chlorotoluene
Concen: 2.274 ug/l
RT: 12.71 min Scan# 3411
Delta R.T. -0.04 min
Lab File: VN064085.D
Acq: 12 Oct 2020 18:14

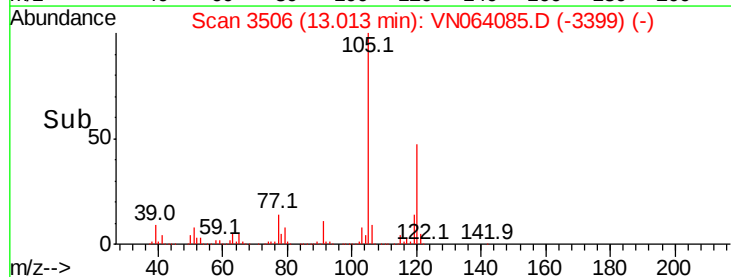
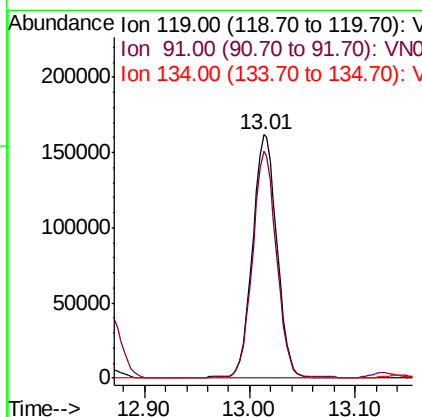
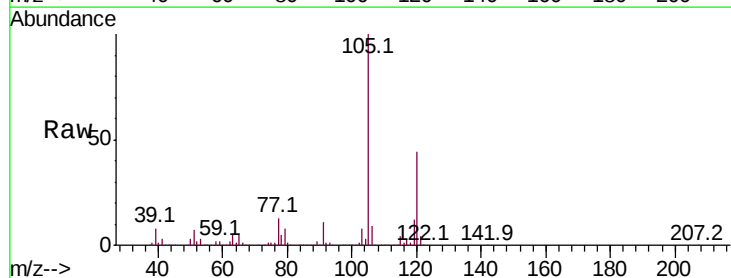
Instrument :
MSVOA_N
ClientSampleId :
MW-08DL

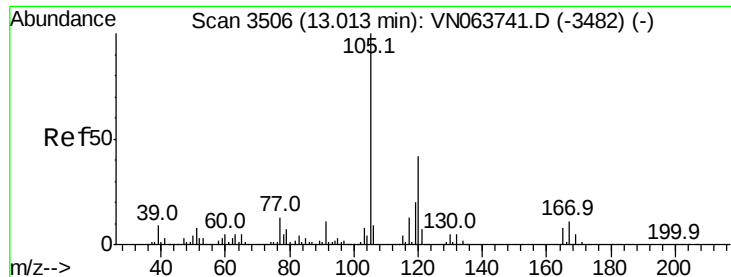
Tot Ion: 91 Resp: 25518
Ion Ratio Lower Upper
91 100
126 0.0 15.4 46.2#



#83
tert-Butylbenzene
Concen: 25.267 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. 0.05 min
Lab File: VN064085.D
Acq: 12 Oct 2020 18:14

Tgt Ion: 119 Resp: 261904
Ion Ratio Lower Upper
119 100
91 90.1 35.5 106.5
134 0.0 11.7 35.1#

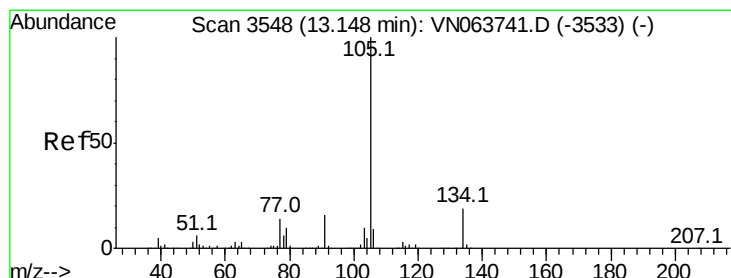
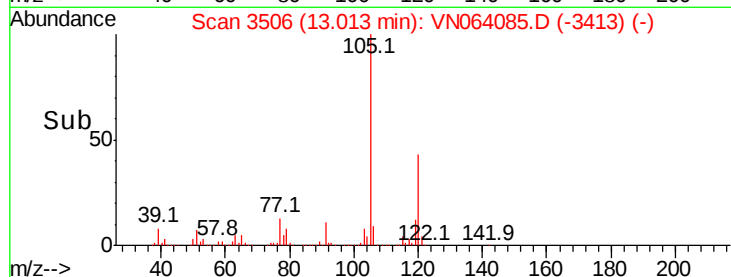
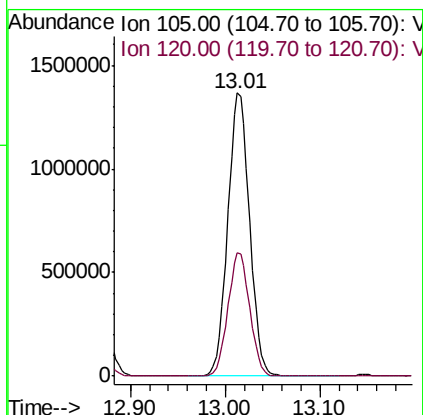
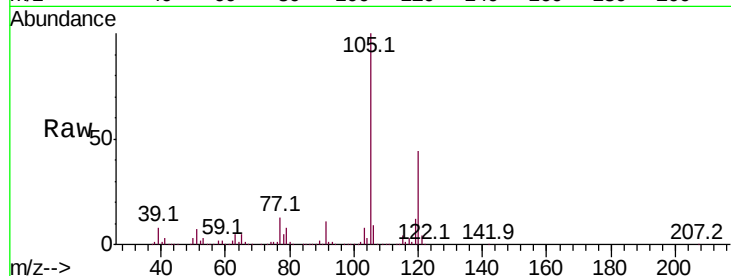




#84
 1,2,4-Trimethylbenzene
 Concen: 172.130 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064085.D
 Acq: 12 Oct 2020 18:14

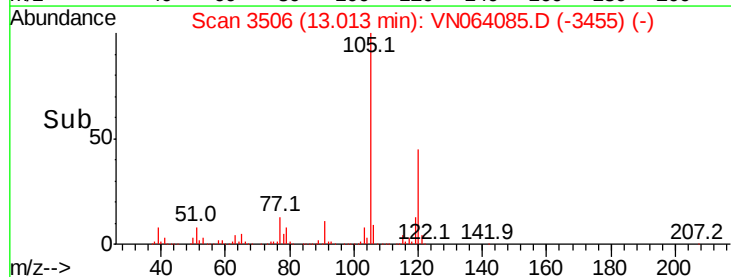
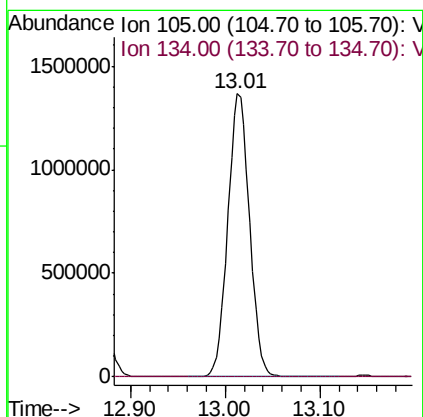
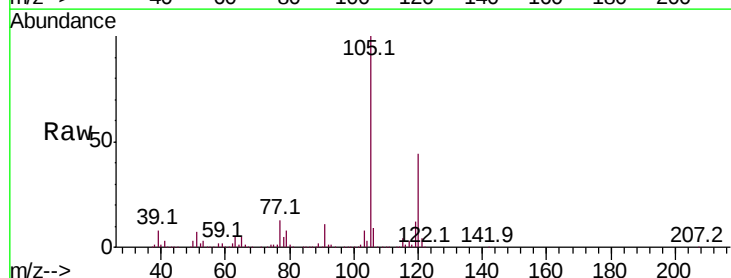
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-08DL

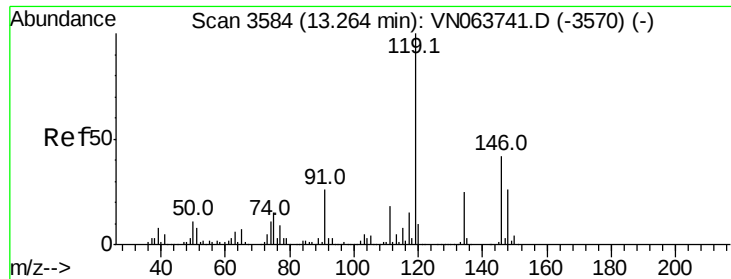
Tot Ion:105 Resp: 2177751
 Ion Ratio Lower Upper
 105 100
 120 43.7 20.9 62.7



#85
 sec-Butylbenzene
 Concen: 159.960 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.13 min
 Lab File: VN064085.D
 Acq: 12 Oct 2020 18:14

Tgt Ion:105 Resp: 2177751
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.5 28.5#

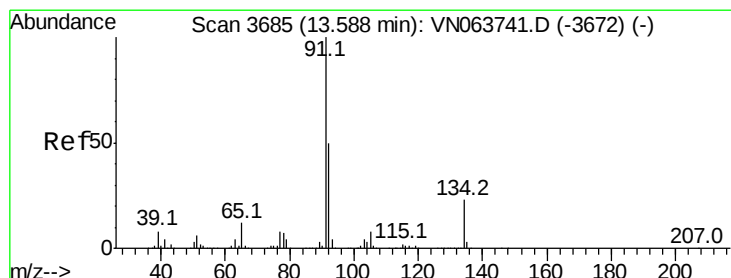
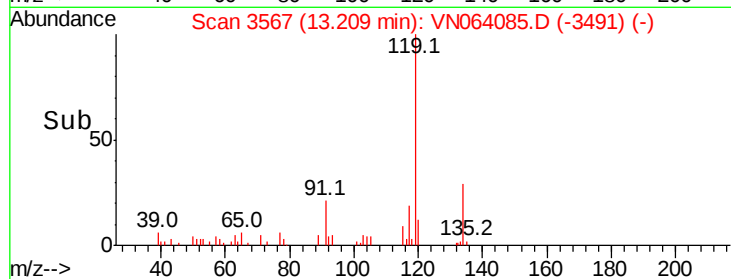
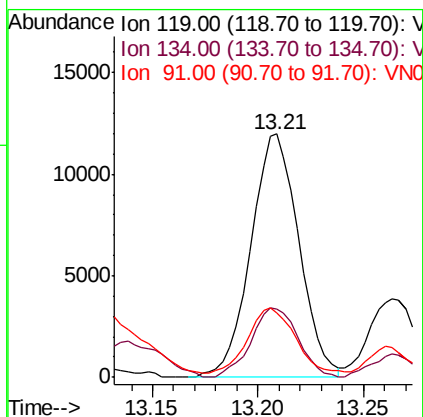
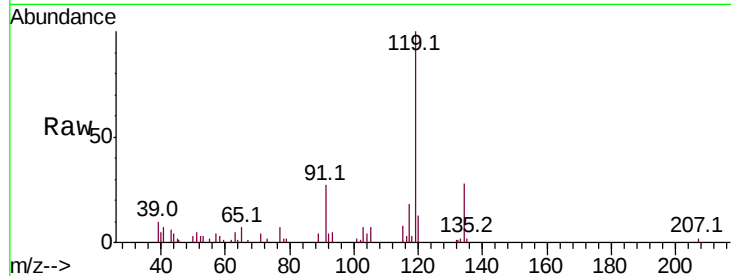




#86
p-Isopropyltoluene
Concen: 1.578 ug/l
RT: 13.21 min Scan# 3567
Delta R.T. -0.05 min
Lab File: VN064085.D
Acq: 12 Oct 2020 18:14

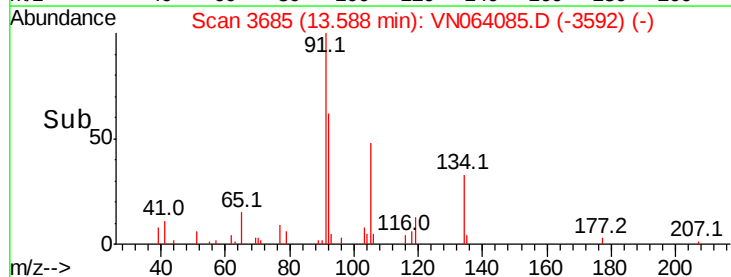
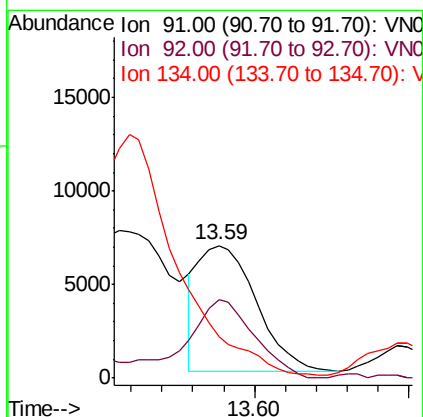
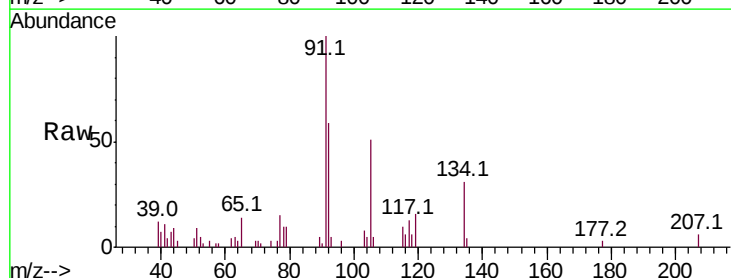
Instrument :
MSVOA_N
ClientSampleId :
MW-08DL

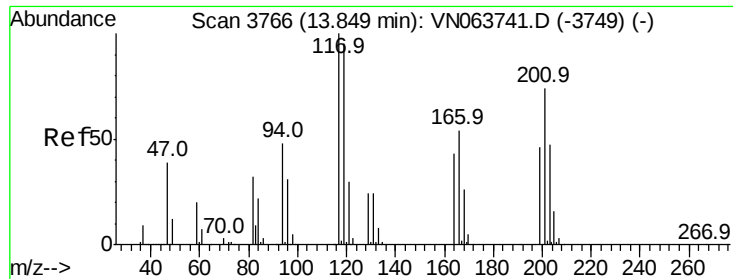
Tot Ion:119 Resp: 19000
Ion Ratio Lower Upper
119 100
134 27.8 12.6 37.8
91 0.0 13.4 40.2#



#89
n-Butylbenzene
Concen: 0.793 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064085.D
Acq: 12 Oct 2020 18:14

Tgt Ion: 91 Resp: 8812
Ion Ratio Lower Upper
91 100
92 67.0 25.4 76.4
134 0.0 11.7 35.1#





#90

Hexachloroethane

Concen: 5.285 ug/l

RT: 13.86 min Scan# 3770

Delta R.T. 0.01 min

Lab File: VN064085.D

Acq: 12 Oct 2020 18:14

Instrument :

MSVOA_N

ClientSampled :

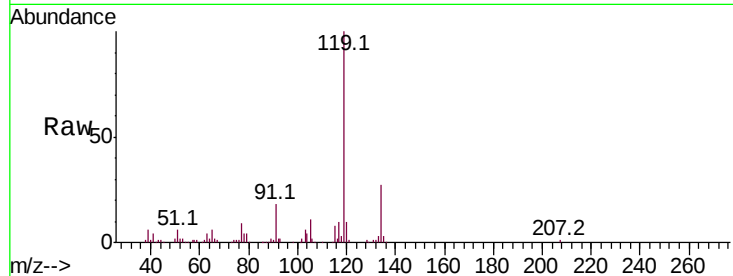
MW-08DL

Tot Ion:117 Resp: 12335

Ion Ratio Lower Upper

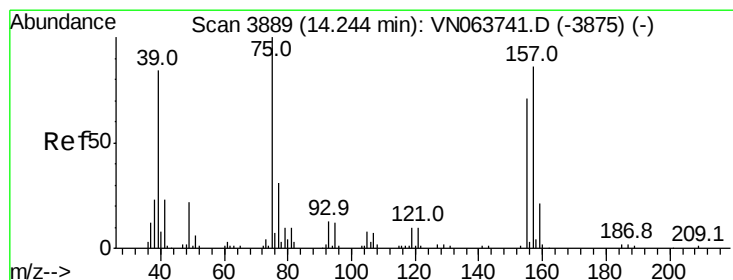
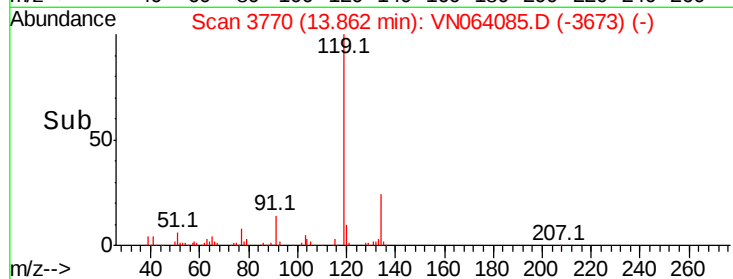
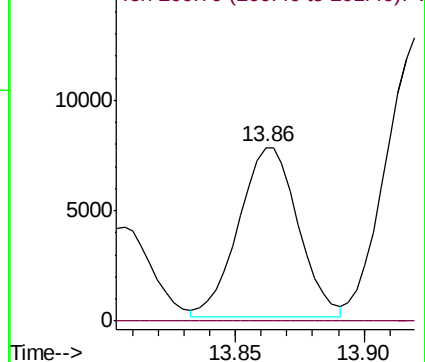
117 100

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



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.357 ug/l

RT: 14.24 min Scan# 3888

Delta R.T. -0.00 min

Lab File: VN064085.D

Acq: 12 Oct 2020 18:14

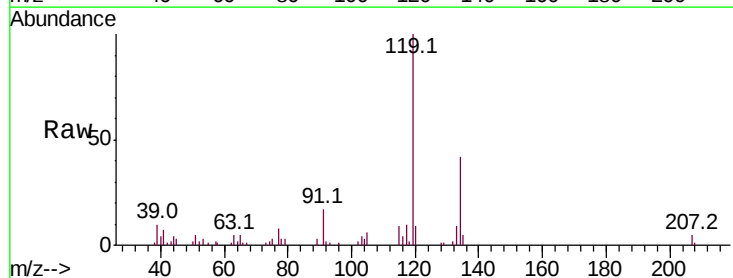
Tgt Ion: 75 Resp: 387

Ion Ratio Lower Upper

75 100

155 0.0 34.8 104.5#

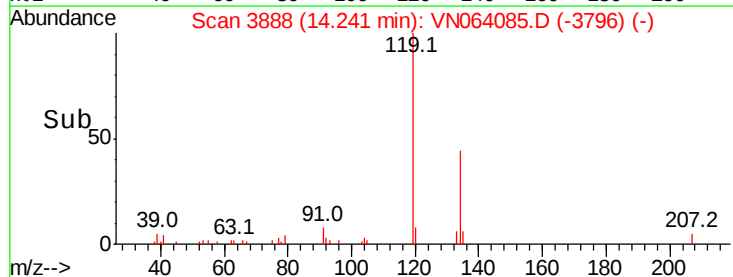
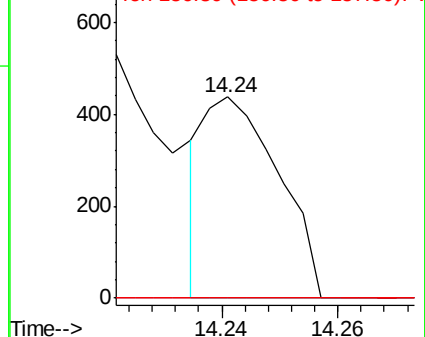
157 0.0 43.7 131.1#

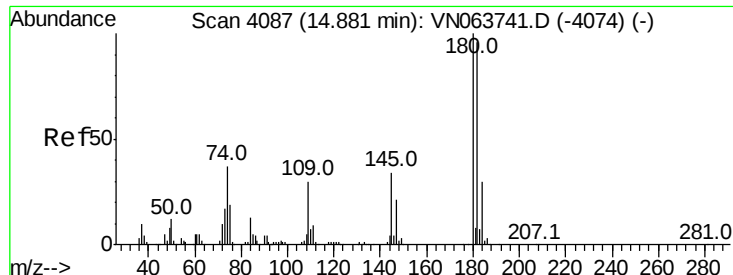


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

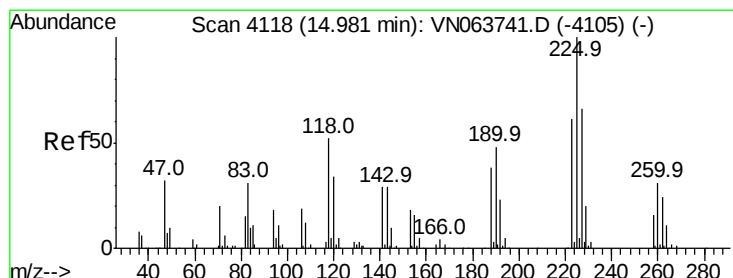
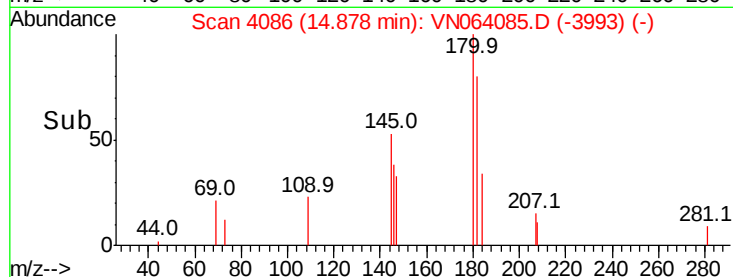
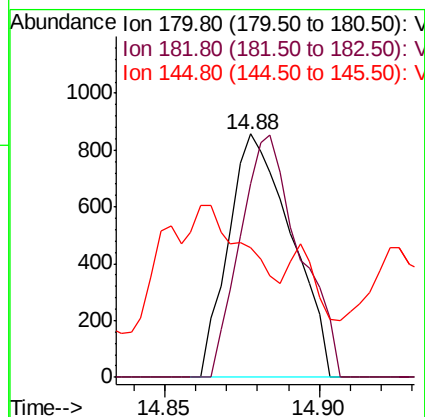
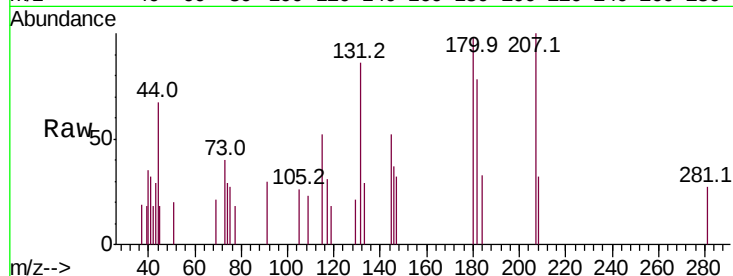




#93
 1,2,4-Trichlorobenzene
 Concen: 2.060 ug/l
 RT: 14.88 min Scan# 4086
 Delta R.T. -0.00 min
 Lab File: VN064085.D
 Acq: 12 Oct 2020 18:14

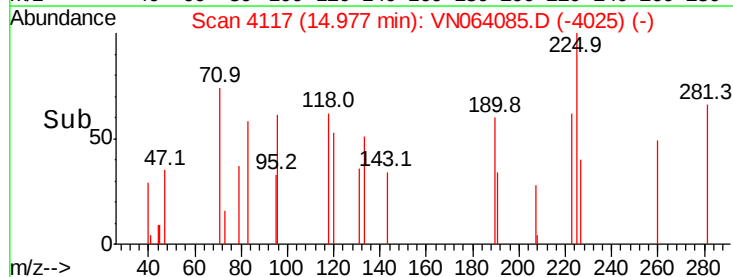
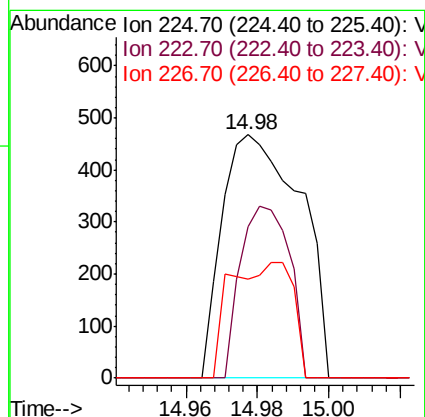
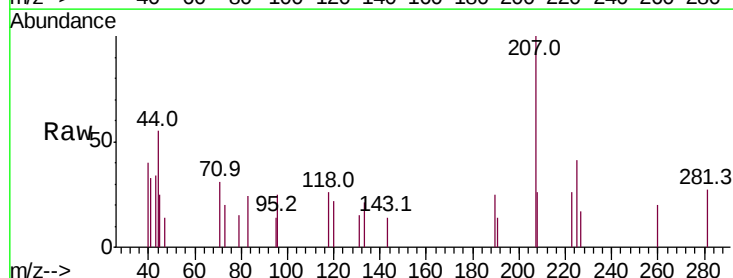
Instrument :
 MSVOA_N
 ClientSampled :
 MW-08DL

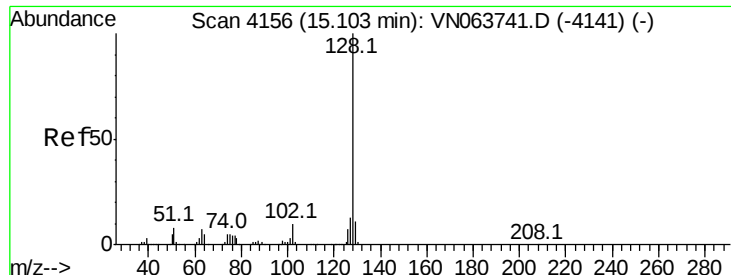
Tot Ion:180 Resp: 1212
 Ion Ratio Lower Upper
 180 100
 182 94.0 48.2 144.6
 145 12.1 17.1 51.2#



#94
 Hexachlorobutadiene
 Concen: 0.460 ug/l
 RT: 14.98 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN064085.D
 Acq: 12 Oct 2020 18:14

Tgt Ion:225 Resp: 709
 Ion Ratio Lower Upper
 225 100
 223 44.3 30.3 91.0
 227 38.1 31.9 95.5

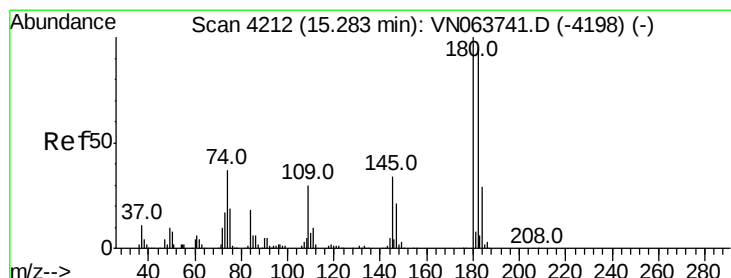
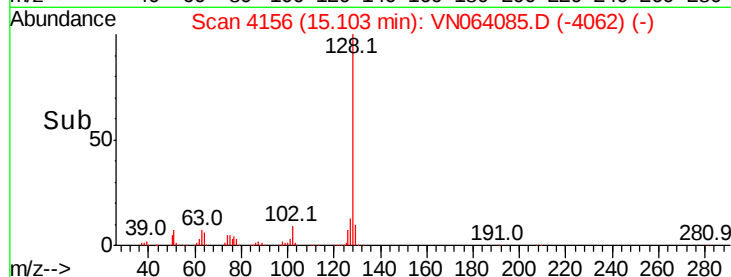
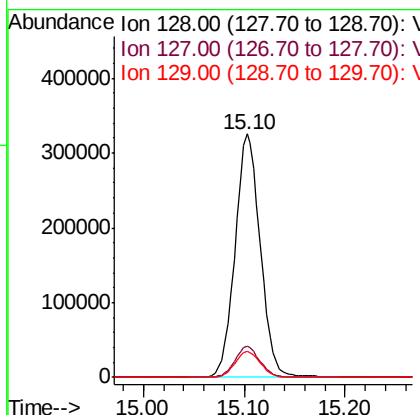
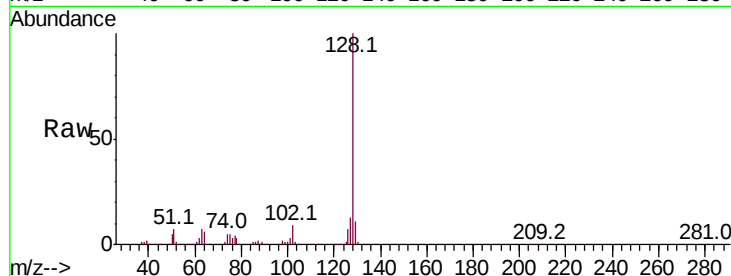




#95
Naphthalene
Concen: 50.451 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064085.D
Acq: 12 Oct 2020 18:14

Instrument :
MSVOA_N
ClientSampled :
MW-08DL

Tot Ion:128 Resp: 563940
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 1.969 ug/l
RT: 15.29 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN064085.D
Acq: 12 Oct 2020 18:14

Tgt Ion:180 Resp: 1450
Ion Ratio Lower Upper
180 100
182 82.3 47.9 143.6
145 86.1 17.2 51.5#

