

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112420\
 Data File : VN064818.D
 Acq On : 24 Nov 2020 18:16
 Operator : JC/MD
 Sample : L4829-07DL 20X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12DL

Quant Time: Nov 25 04:07:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	161830	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	287386	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	299327	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	156601	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	94641	50.30	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	100.60%
35) Dibromofluoromethane	7.55	113	88894	51.69	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.38%
50) Toluene-d8	10.06	98	357974	50.95	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.90%
62) 4-Bromofluorobenzene	12.37	95	153149	60.90	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	121.80%

Target Compounds

						Qvalue
16) Acetone	3.78	43	538	0.870	ug/l #	43
17) Carbon Disulfide	4.00	76	3975	0.986	ug/l #	75
20) Methylene Chloride	4.50	84	663	0.342	ug/l #	70
25) 2-Butanone	6.79	43	280	0.279	ug/l #	49
31) Cyclohexane	7.62	56	3513	1.340	ug/l #	15
36) 1,1-Dichloropropene	7.62	75	11241	4.220	ug/l #	48
38) Carbon Tetrachloride	7.62	117	14887	5.371	ug/l #	17
39) Methylcyclohexane	9.04	83	5203	1.814	ug/l	97
40) Benzene	8.00	78	5485	0.672	ug/l	91
43) Isopropyl Acetate	8.22	43	1240	0.300	ug/l #	59
51) 4-Methyl-2-Pentanone	9.95	43	653	0.263	ug/l #	35
52) Toluene	10.12	92	2305	0.459	ug/l	84
55) 1,1,2-Trichloroethane	10.49	97	628	0.304	ug/l #	14
59) 2-Hexanone	10.73	43	368	0.206	ug/l #	34
60) Dibromochloromethane	10.60	129	460	0.200	ug/l #	10
67) Ethyl Benzene	11.48	91	232335	21.636	ug/l	98
68) m/p-Xylenes	11.59	106	35097	8.633	ug/l	98
69) o-Xylene	11.92	106	34242	8.875	ug/l	99
70) Styrene	11.92	104	2713	0.417	ug/l #	1
73) Isopropylbenzene	12.22	105	61053	5.605	ug/l	100
76) 1,2,3-Trichloropropane	12.37	75	72595	21.525	ug/l #	100
77) Bromobenzene	12.49	156	804	0.274	ug/l #	49
78) n-propylbenzene	12.56	91	64802	5.222	ug/l	99
79) 2-Chlorotoluene	12.66	91	12061	1.572	ug/l #	47
80) 1,3,5-Trimethylbenzene	12.70	105	44367	4.900	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.37	75	72595	58.996	ug/l #	15
82) 4-Chlorotoluene	12.71	91	4664	0.580	ug/l #	41
84) 1,2,4-Trimethylbenzene	13.01	105	271948	29.708	ug/l	99
85) sec-Butylbenzene	13.01	105	271948	26.989	ug/l #	56
86) p-Isopropyltoluene	13.21	119	15142	1.651	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	1152	0.221	ug/l	93
88) 1,4-Dichlorobenzene	13.26	146	1152	0.209	ug/l	92
89) n-Butylbenzene	13.51	91	57701	7.162	ug/l #	44
90) Hexachloroethane	13.86	117	5108	3.205	ug/l #	9

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QLast Update : Mon Nov 23 13:54:12 2020
Response via : Initial Calibration

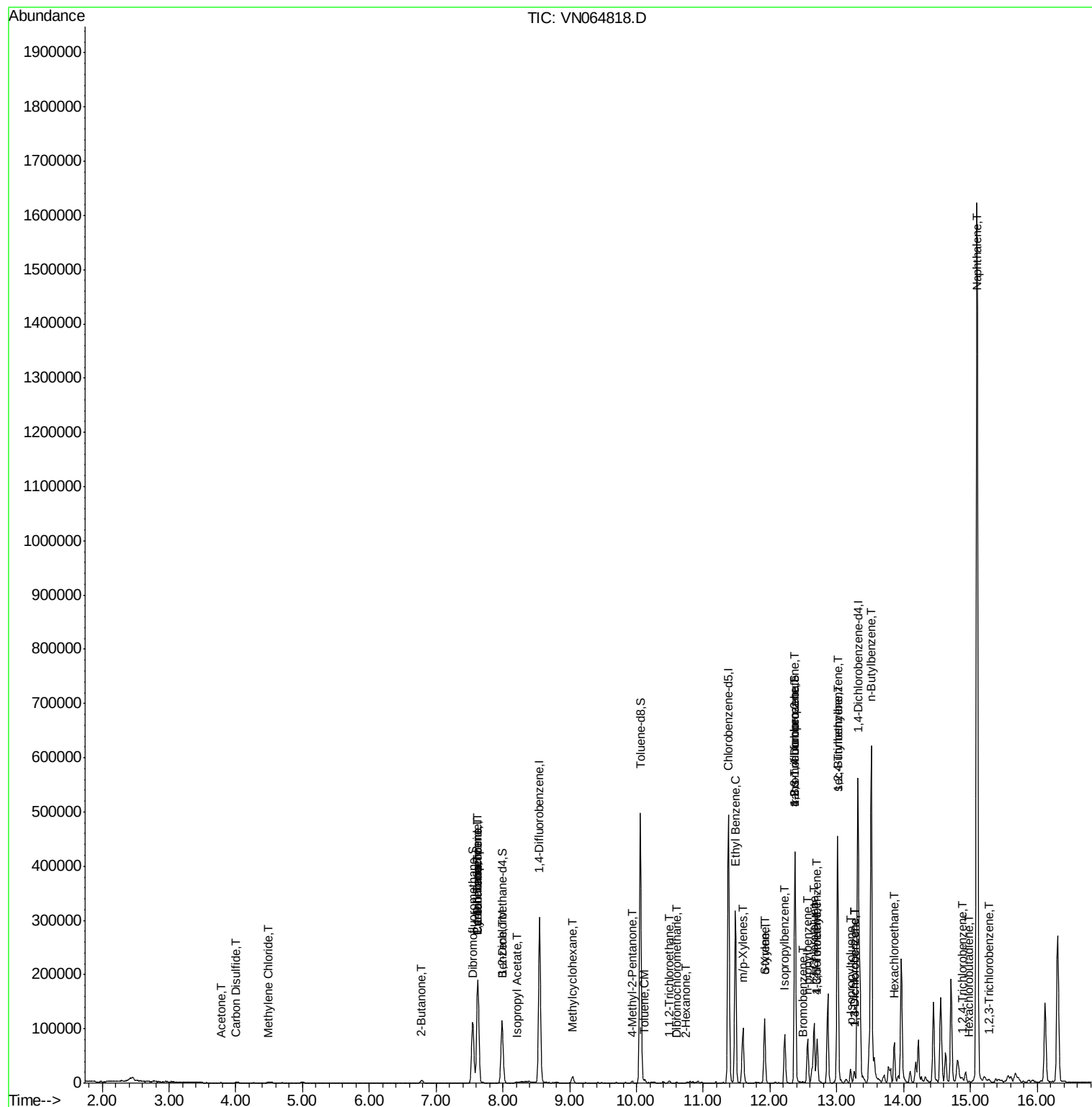
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	2094	0.661	ug/l #	76
94) Hexachlorobutadiene	14.99	225	855	0.967	ug/l	90
95) Naphthalene	15.10	128	1405066	147.991	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	2417	2.172	ug/l #	84

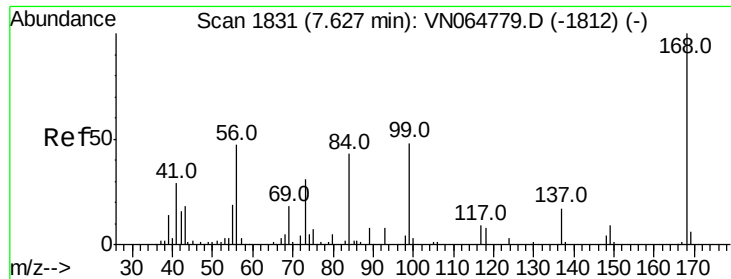
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064818.D

Acq: 24 Nov 2020 18:16

Instrument :

MSVOA_N

ClientSampleId :

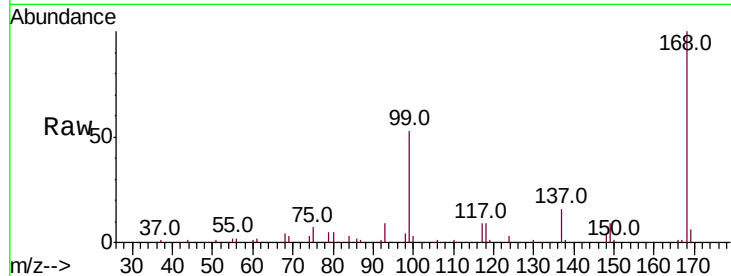
MW-12DL

Tot Ion:168 Resp: 161830

Ion Ratio Lower Upper

168 100

99 53.2 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

60000

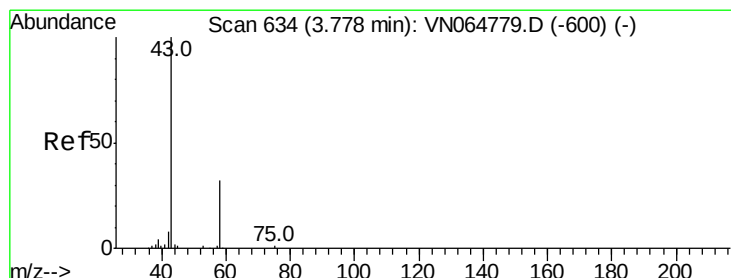
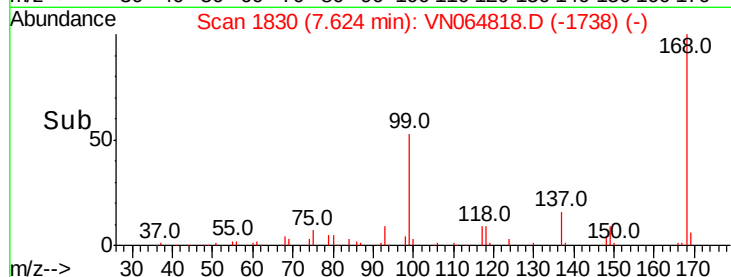
40000

20000

0

7.50 7.60 7.70

Time-->



#16

Acetone

Concen: 0.870 ug/l

RT: 3.78 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN064818.D

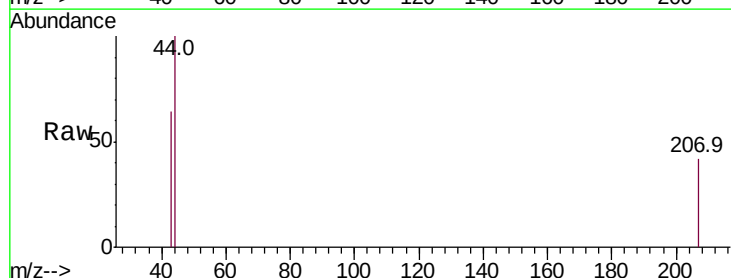
Acq: 24 Nov 2020 18:16

Tgt Ion: 43 Resp: 538

Ion Ratio Lower Upper

43 100

58 0.0 25.7 38.5#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.78

300

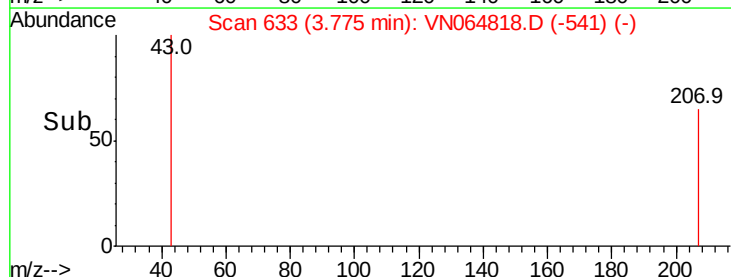
200

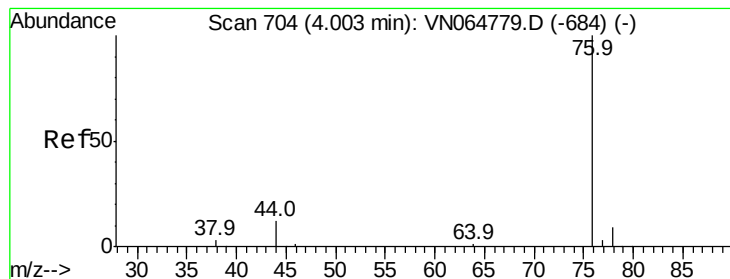
100

0

3.74 3.76 3.78 3.80

Time-->





#17

Carbon Disulfide

Concen: 0.986 ug/l

RT: 4.00 min Scan# 703

Delta R.T. -0.00 min

Lab File: VN064818.D

Acq: 24 Nov 2020 18:16

Instrument :

MSVOA_N

ClientSampleId :

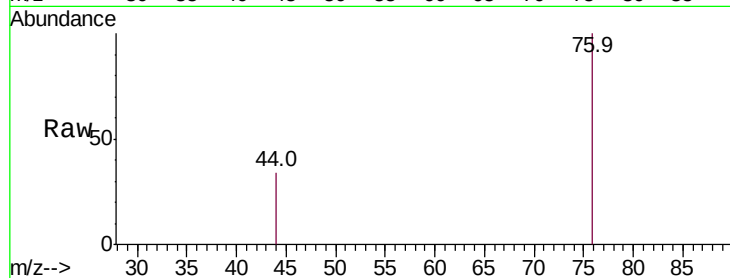
MW-12DL

Tot Ion: 76 Resp: 3975

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VN064818.D (-611) (-)

Ion 77.90 (77.60 to 78.60): VN064818.D (-611) (-)

4.00

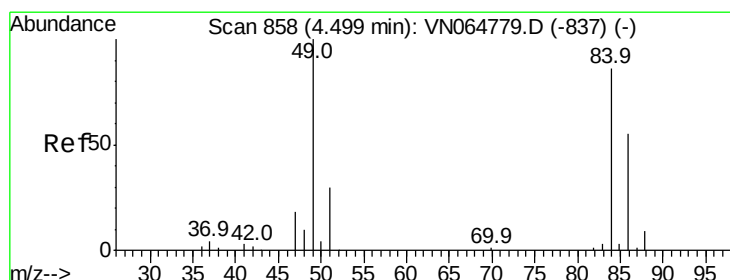
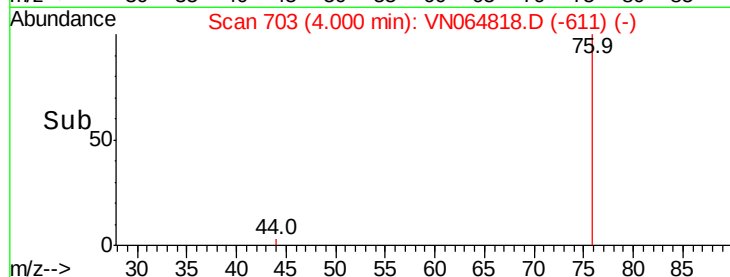
1500

1000

500

0

Time-->



#20

Methylene Chloride

Concen: 0.342 ug/l

RT: 4.50 min Scan# 857

Delta R.T. -0.00 min

Lab File: VN064818.D

Acq: 24 Nov 2020 18:16

Tgt Ion: 84 Resp: 663

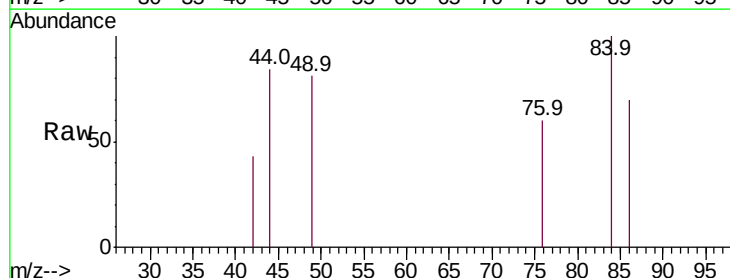
Ion Ratio Lower Upper

84 100

49 80.7 93.4 140.0#

51 0.0 28.2 42.4#

86 69.8 51.7 77.5



Abundance Ion 83.90 (83.60 to 84.60): VN064818.D (-765) (-)

Ion 48.90 (48.60 to 49.60): VN064818.D (-765) (-)

Ion 50.90 (50.60 to 51.60): VN064818.D (-765) (-)

Ion 85.90 (85.60 to 86.60): VN064818.D (-765) (-)

4.50

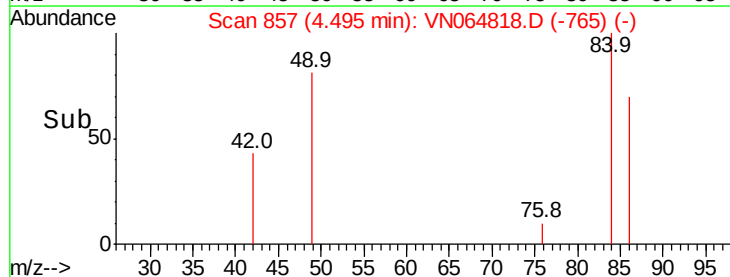
300

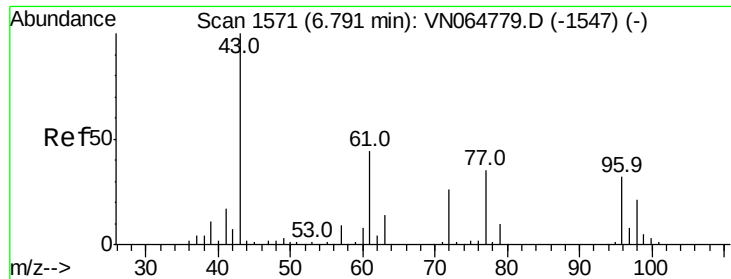
200

100

0

Time-->





#25

2-Butanone

Concen: 0.279 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN064818.D

Acq: 24 Nov 2020 18:16

Instrument :

MSVOA_N

ClientSampleId :

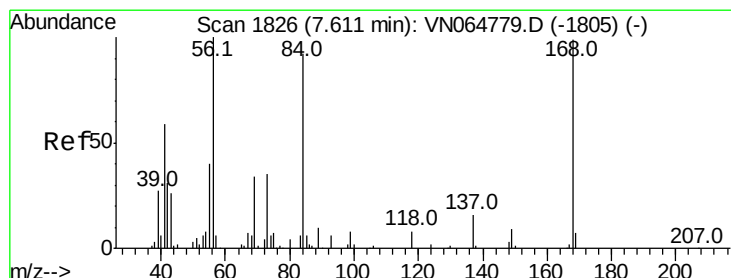
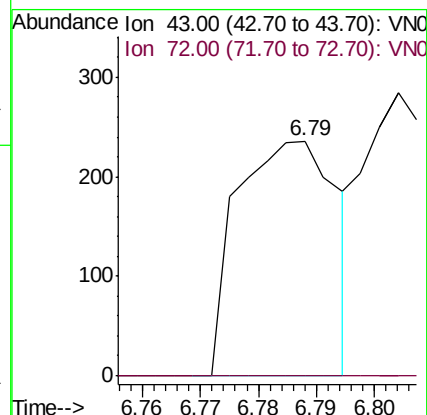
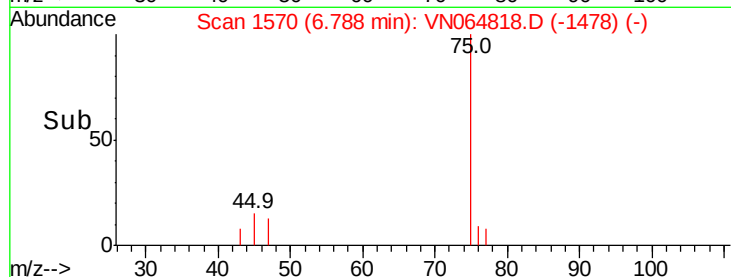
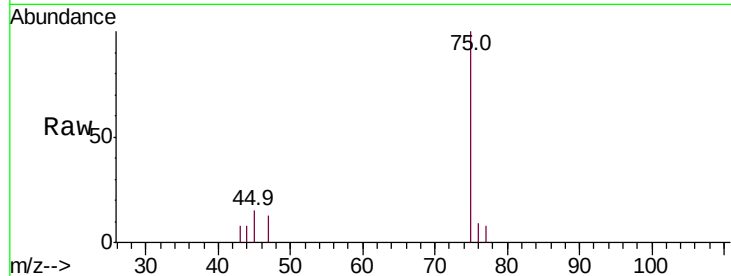
MW-12DL

Tot Ion: 43 Resp: 280

Ion Ratio Lower Upper

43 100

72 0.0 21.0 31.6#



#31

Cyclohexane

Concen: 1.340 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. 0.01 min

Lab File: VN064818.D

Acq: 24 Nov 2020 18:16

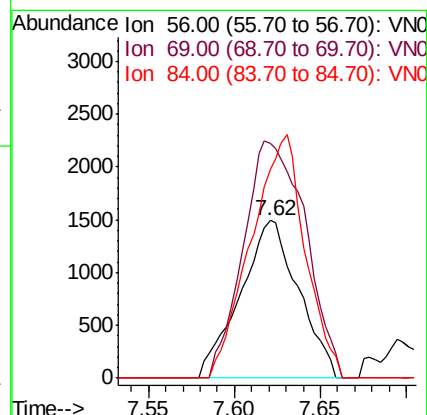
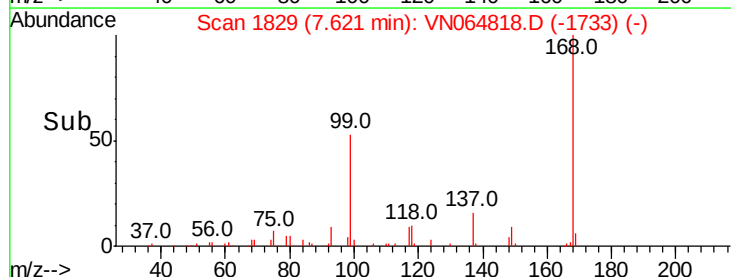
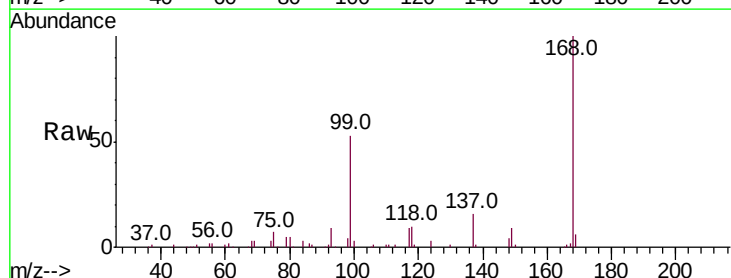
Tgt Ion: 56 Resp: 3513

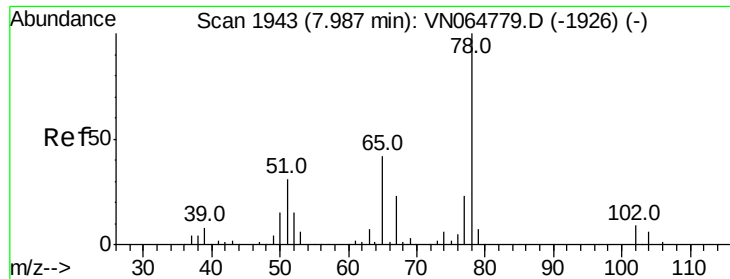
Ion Ratio Lower Upper

56 100

69 149.0 27.5 41.3#

84 132.5 73.9 110.9#

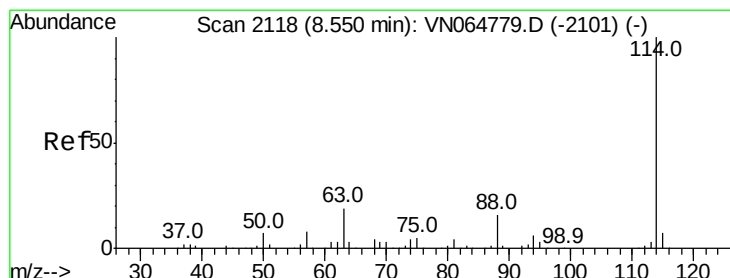
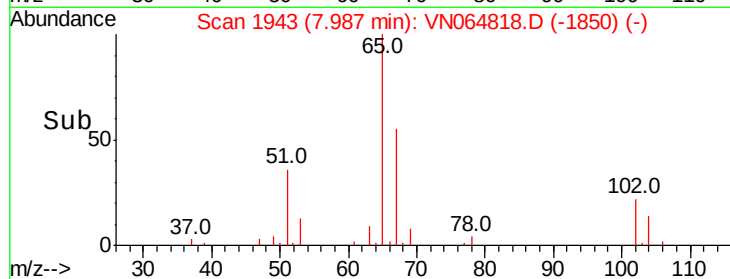
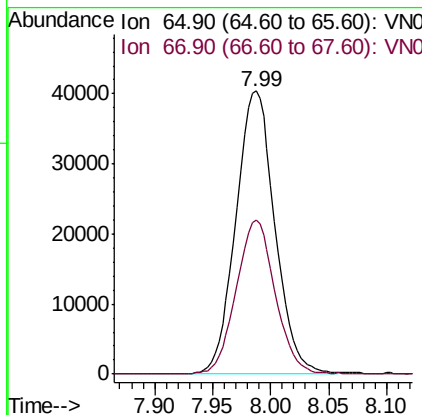
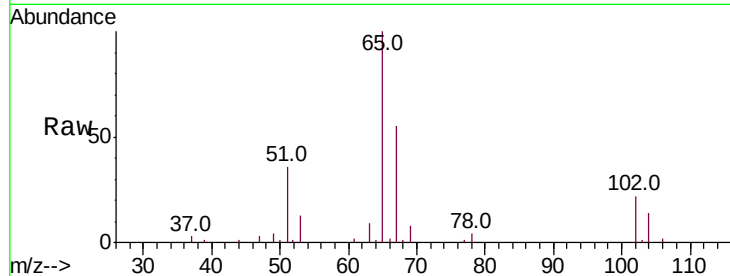




#33
 1,2-Dichloroethane-d4
 Concen: 50.304 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064818.D
 Acq: 24 Nov 2020 18:16

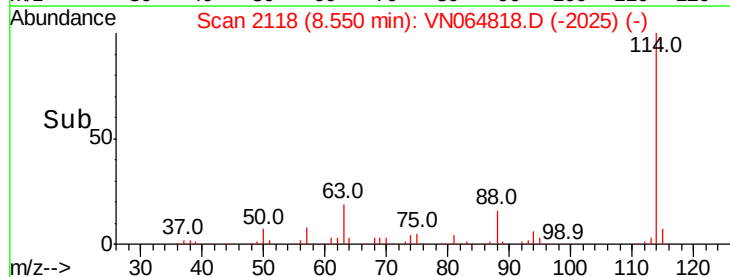
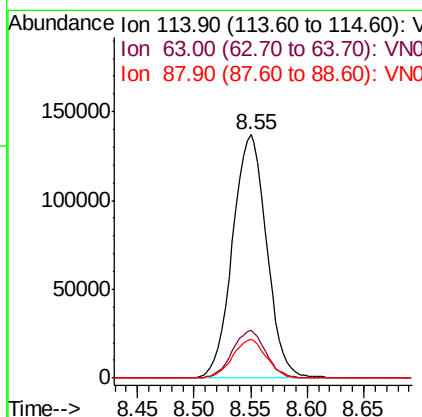
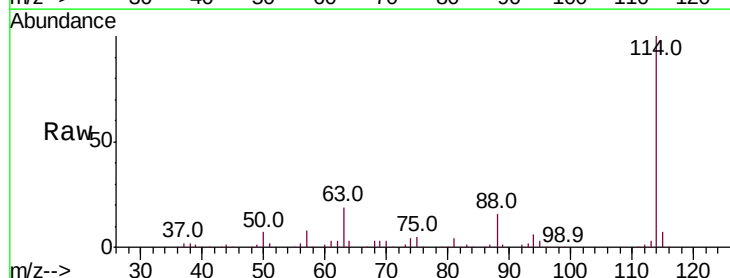
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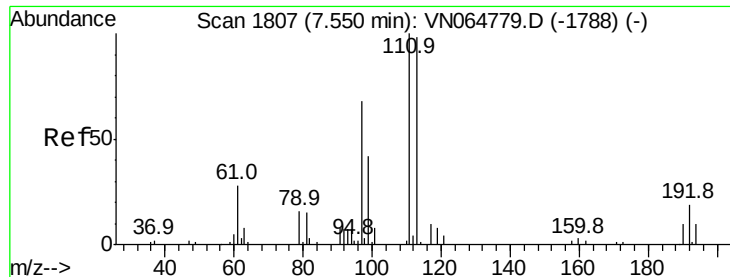
Tot Ion: 65 Resp: 94641
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064818.D
 Acq: 24 Nov 2020 18:16

Tgt Ion: 114 Resp: 287386
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 38.6
 88 15.7 0.0 32.6

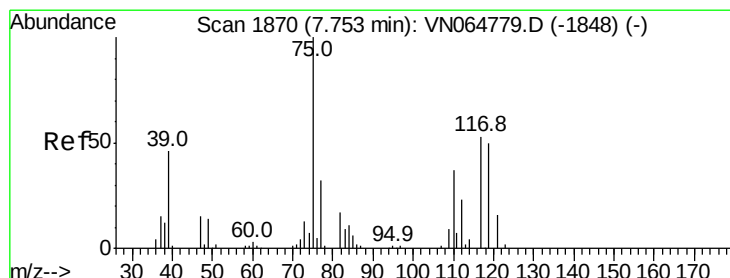
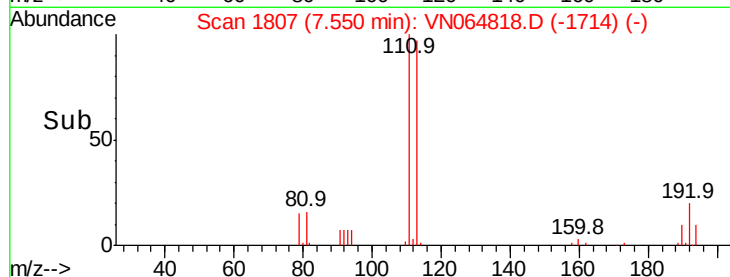
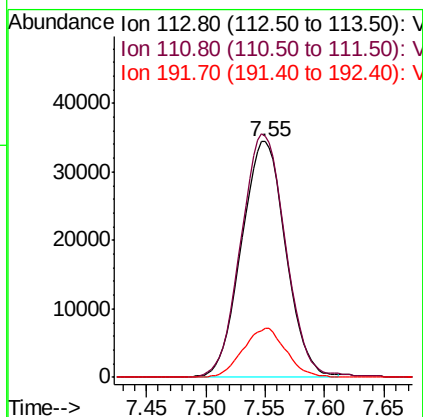
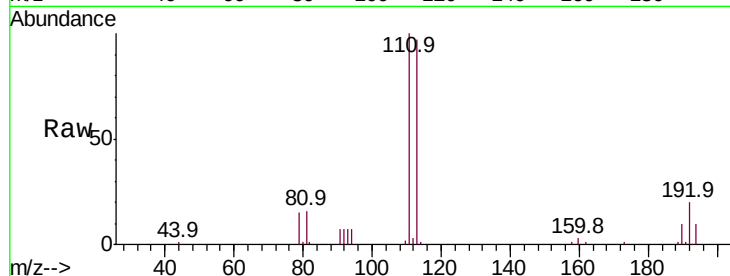




#35
 Dibromofluoromethane
 Concen: 51.694 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064818.D
 Acq: 24 Nov 2020 18:16

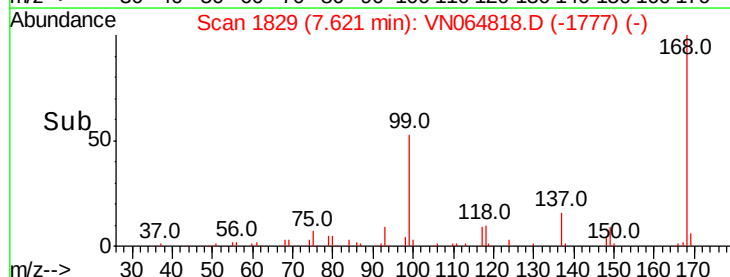
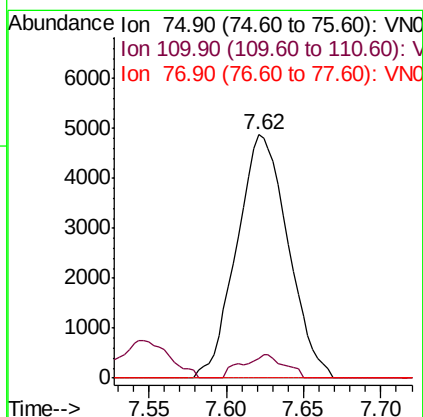
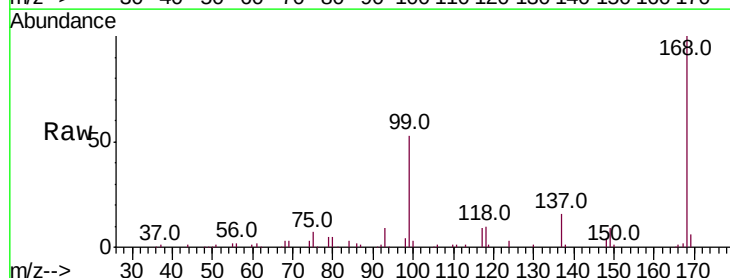
Instrument :
 MSVOA_N
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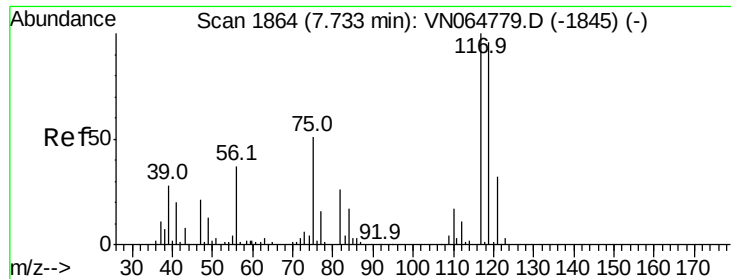
Tot Ion:113 Resp: 88894
 Ion Ratio Lower Upper
 113 100
 111 104.3 81.6 122.4
 192 20.2 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 4.220 ug/l
 RT: 7.62 min Scan# 1829
 Delta R.T. -0.13 min
 Lab File: VN064818.D
 Acq: 24 Nov 2020 18:16

Tgt Ion: 75 Resp: 11241
 Ion Ratio Lower Upper
 75 100
 110 7.9 17.8 53.3#
 77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.371 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.11 min

Lab File: VN064818.D

Acq: 24 Nov 2020 18:16

Instrument :

MSVOA_N

ClientSampleId :

MW-12DL

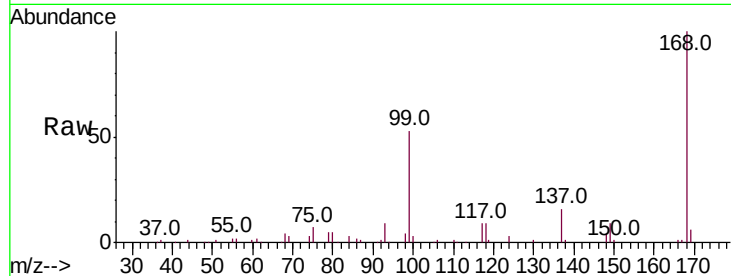
Tot Ion:117 Resp: 14887

Ion Ratio Lower Upper

117 100

119 5.9 76.7 115.1#

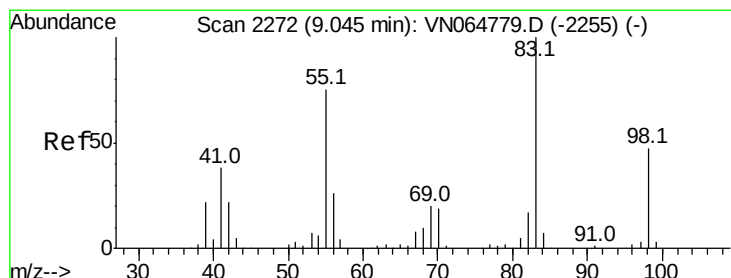
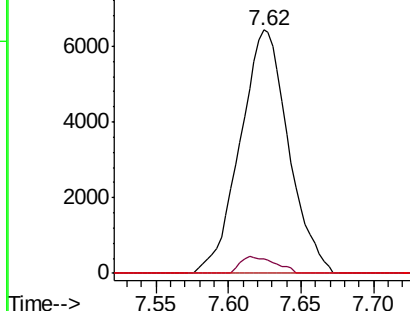
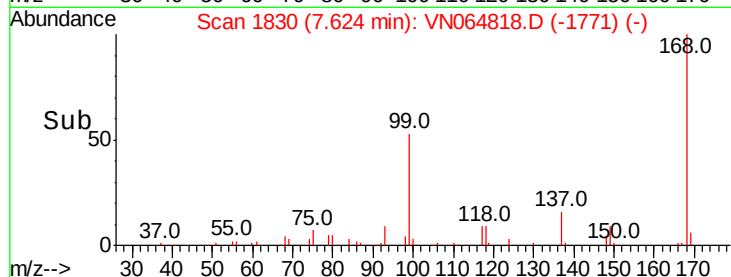
121 0.0 25.4 38.2#



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: 1.814 ug/l

RT: 9.04 min Scan# 2271

Delta R.T. -0.00 min

Lab File: VN064818.D

Acq: 24 Nov 2020 18:16

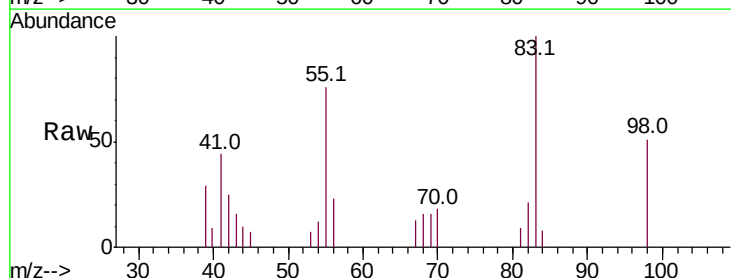
Tgt Ion: 83 Resp: 5203

Ion Ratio Lower Upper

83 100

55 75.9 60.2 90.2

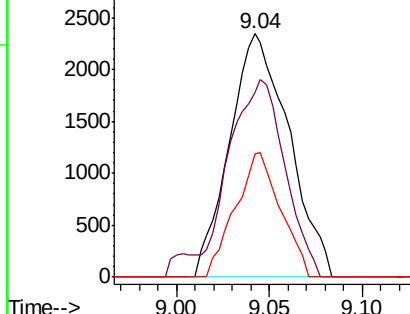
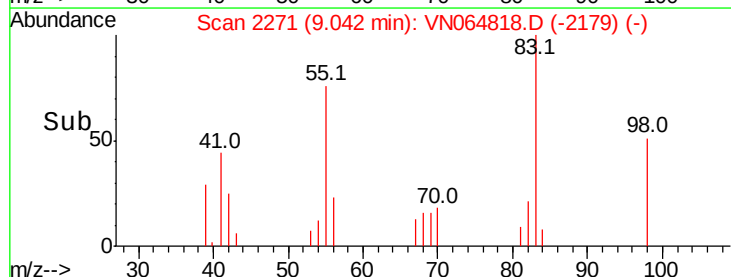
98 50.8 37.4 56.2

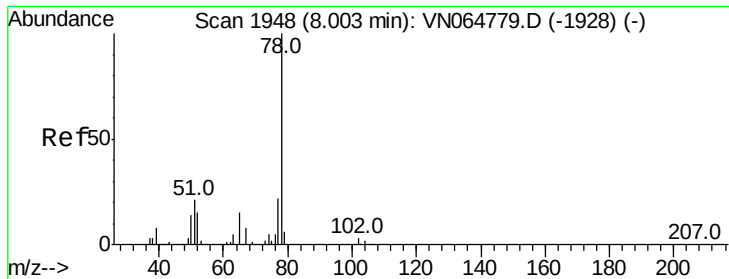


Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0





#40

Benzene

Concen: 0.672 ug/l

RT: 8.00 min Scan# 1947

Delta R.T. -0.00 min

Lab File: VN064818.D

Acq: 24 Nov 2020 18:16

Instrument :

MSVOA_N

ClientSampled :

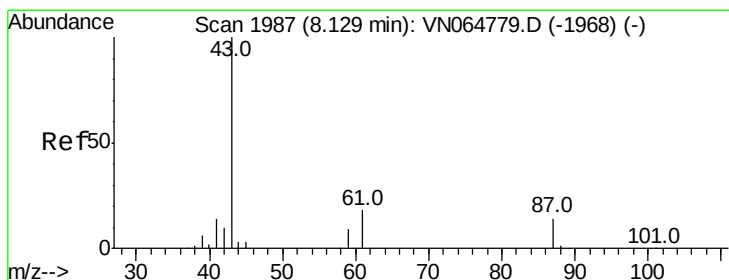
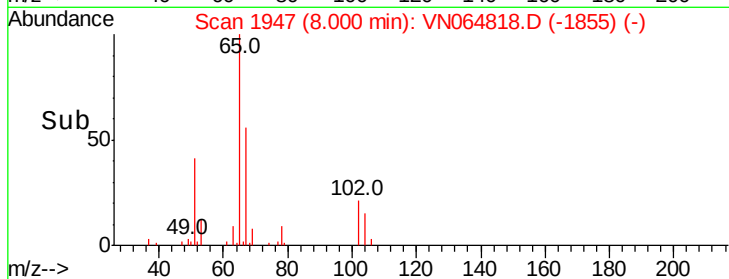
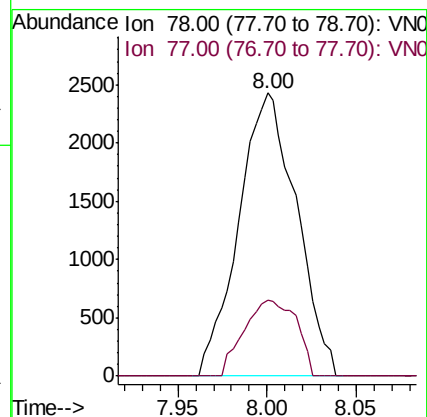
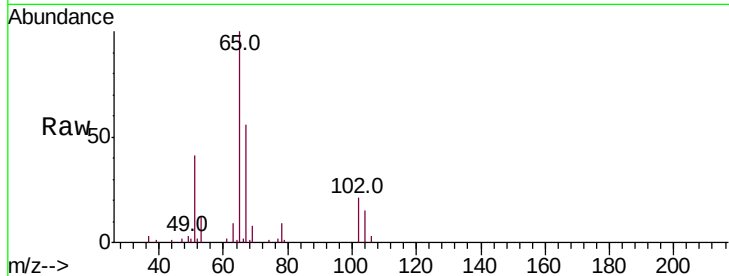
MW-12DL

Tot Ion: 78 Resp: 5485

Ion Ratio Lower Upper

78 100

77 26.8 17.9 26.9



#43

Isopropyl Acetate

Concen: 0.300 ug/l

RT: 8.22 min Scan# 2016

Delta R.T. 0.09 min

Lab File: VN064818.D

Acq: 24 Nov 2020 18:16

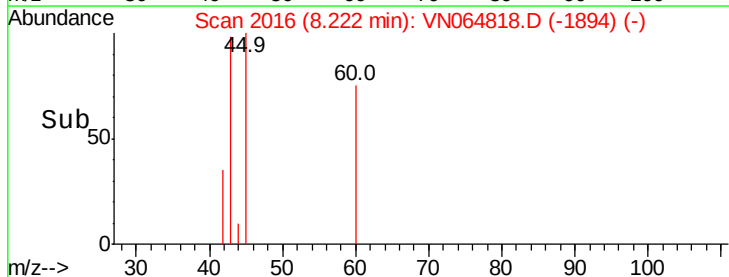
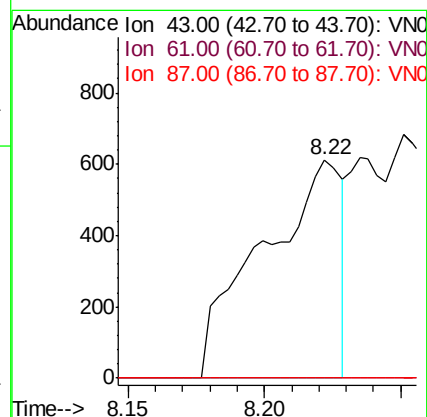
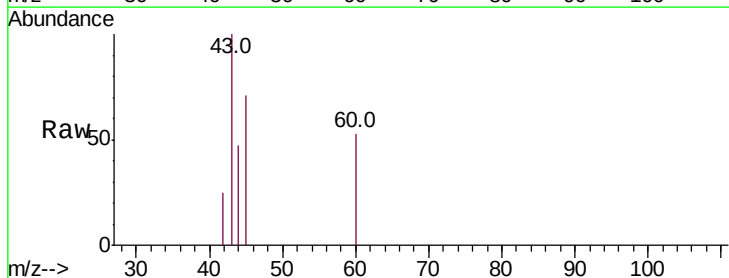
Tgt Ion: 43 Resp: 1240

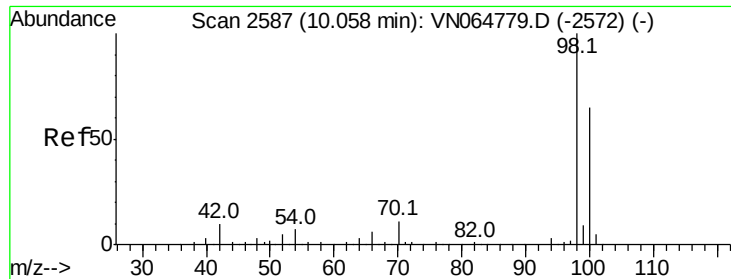
Ion Ratio Lower Upper

43 100

61 0.0 17.2 25.8#

87 0.0 11.4 17.0#





#50

Toluene-d8

Concen: 50.948 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064818.D

Acq: 24 Nov 2020 18:16

Instrument :

MSVOA_N

ClientSampled :

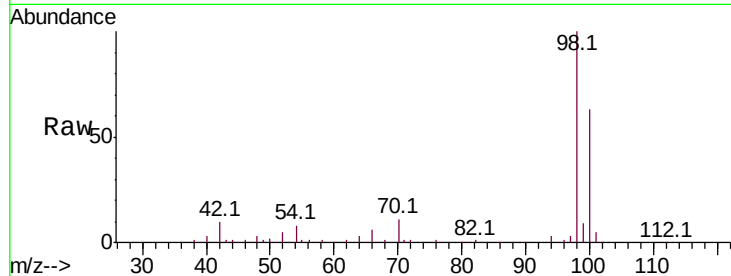
MW-12DL

Tot Ion: 98 Resp: 357974

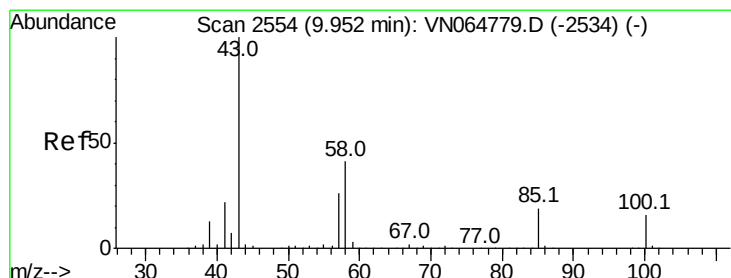
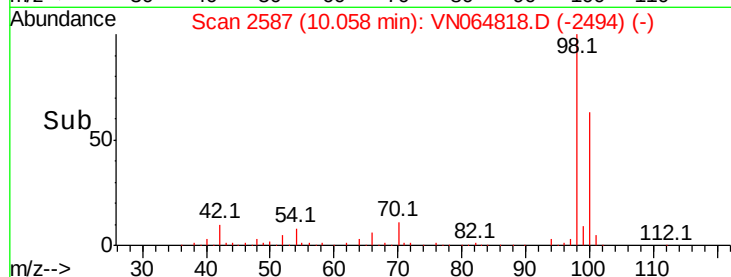
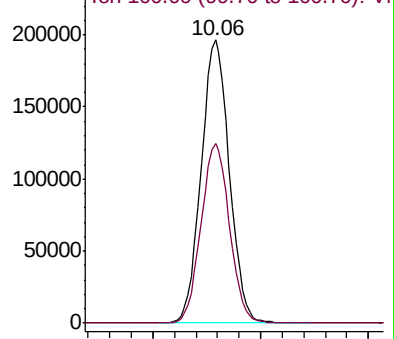
Ion Ratio Lower Upper

98 100

100 64.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN064779.D (-2572) (-)



#51

4-Methyl-2-Pentanone

Concen: 0.263 ug/l

RT: 9.95 min Scan# 2552

Delta R.T. -0.01 min

Lab File: VN064818.D

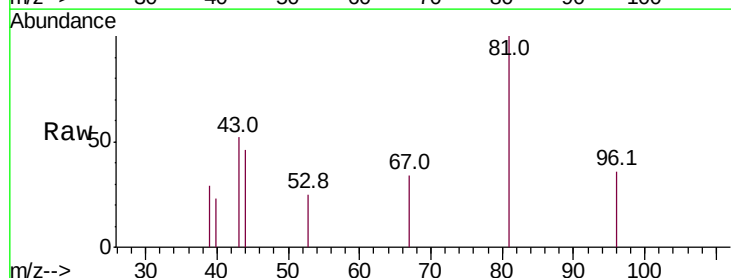
Acq: 24 Nov 2020 18:16

Tgt Ion: 43 Resp: 653

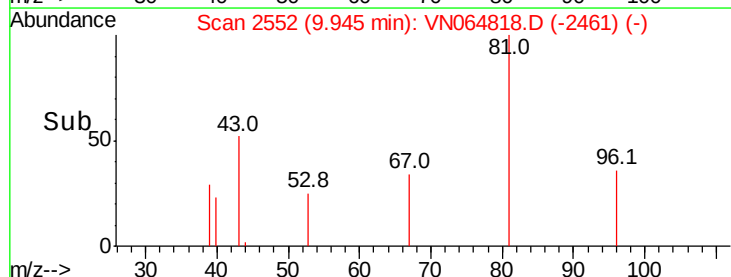
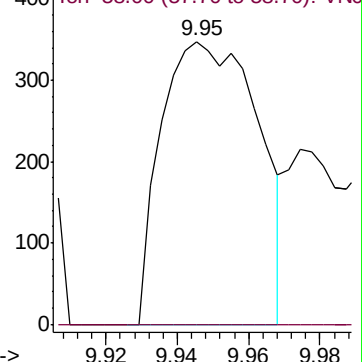
Ion Ratio Lower Upper

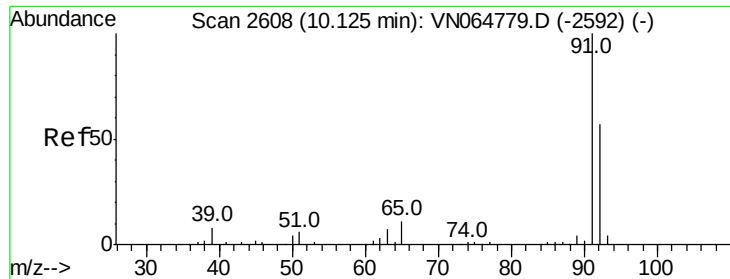
43 100

58 0.0 32.4 48.6#



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-2534) (-)





#52

Toluene

Concen: 0.459 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064818.D

Acq: 24 Nov 2020 18:16

Instrument :

MSVOA_N

ClientSampleId :

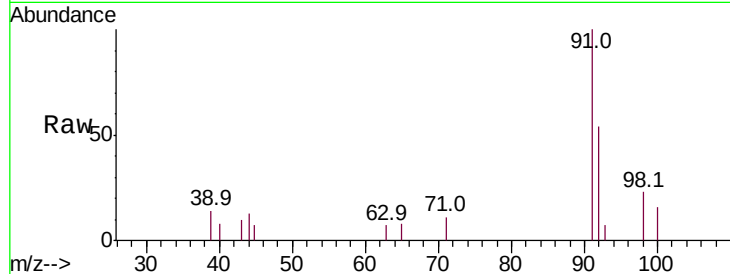
MW-12DL

Tot Ion: 92 Resp: 2305

Ion Ratio Lower Upper

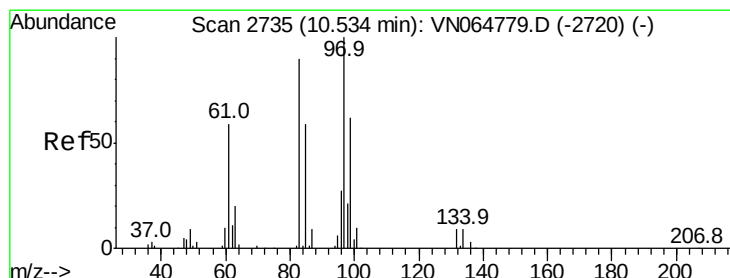
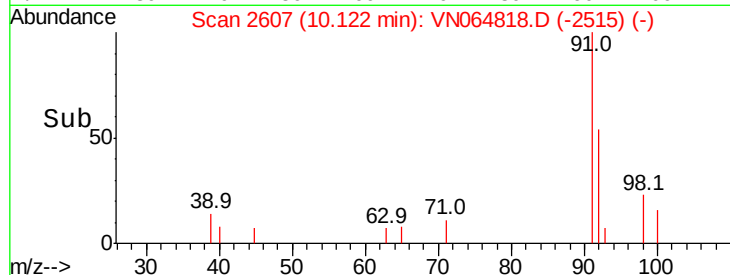
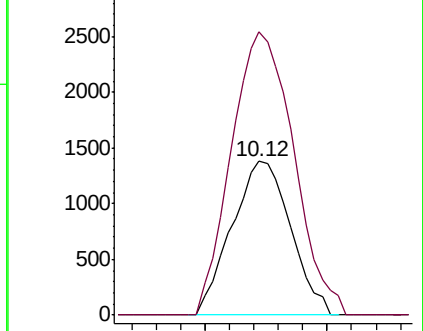
92 100

91 195.7 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN064818.D (-2515) (-)

Ion 91.00 (90.70 to 91.70): VN064818.D (-2515) (-)



#55

1,1,2-Trichloroethane

Concen: 0.304 ug/l

RT: 10.49 min Scan# 2722

Delta R.T. -0.04 min

Lab File: VN064818.D

Acq: 24 Nov 2020 18:16

Tgt Ion: 97 Resp: 628

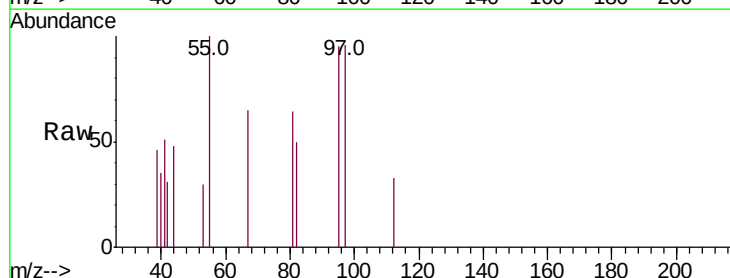
Ion Ratio Lower Upper

97 100

83 0.0 72.1 108.1#

85 0.0 46.8 70.2#

99 0.0 49.6 74.4#

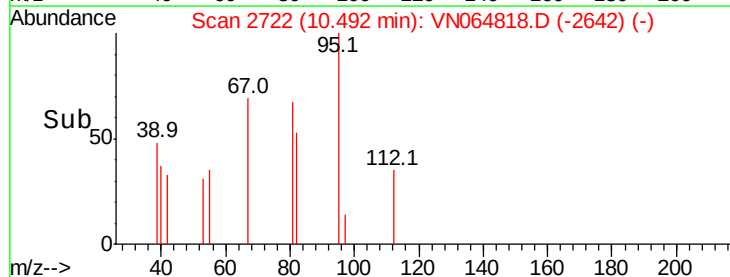
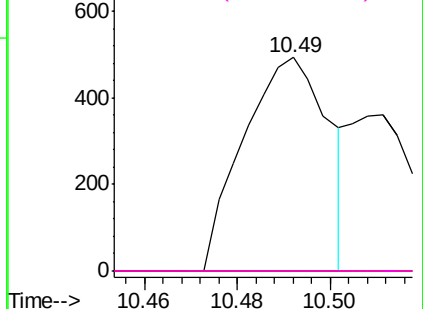


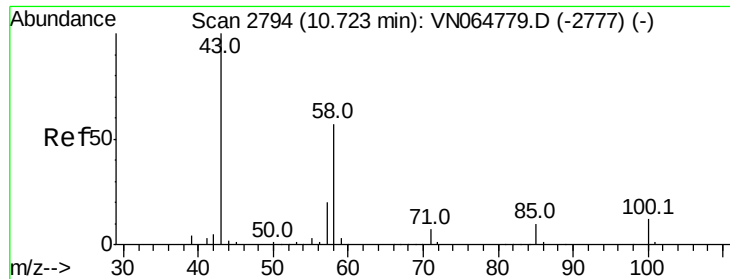
Abundance Ion 96.90 (96.60 to 97.60): VN064818.D (-2642) (-)

Ion 82.90 (82.60 to 83.60): VN064818.D (-2642) (-)

Ion 84.90 (84.60 to 85.60): VN064818.D (-2642) (-)

Ion 98.90 (98.60 to 99.60): VN064818.D (-2642) (-)

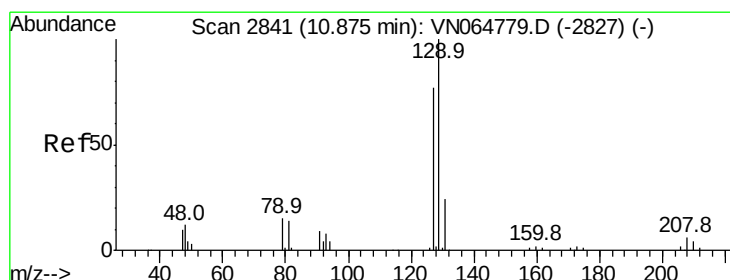
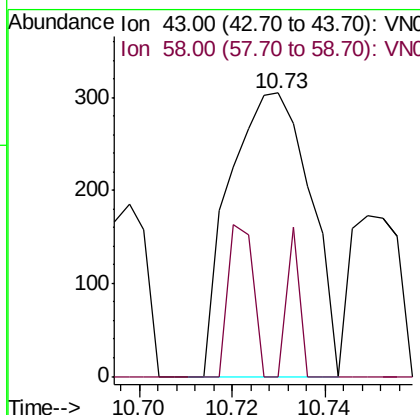
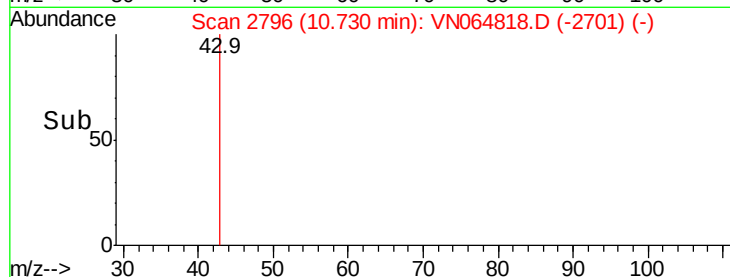
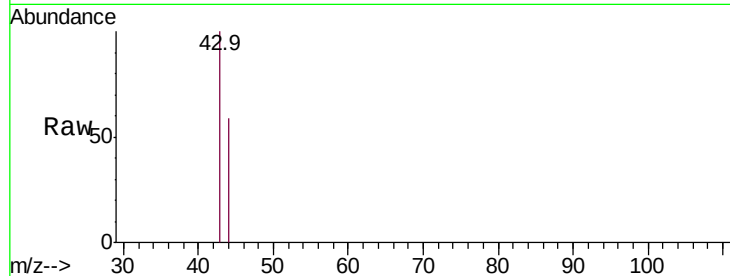




#59
2-Hexanone
Concen: 0.206 ug/l
RT: 10.73 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN064818.D
Acq: 24 Nov 2020 18:16

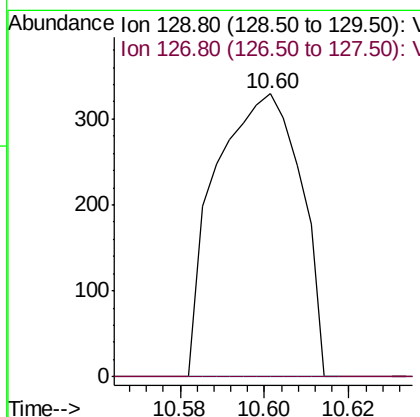
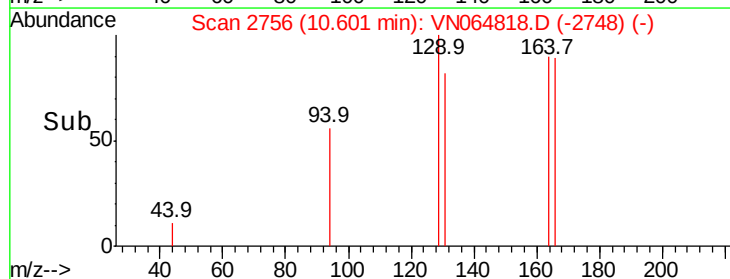
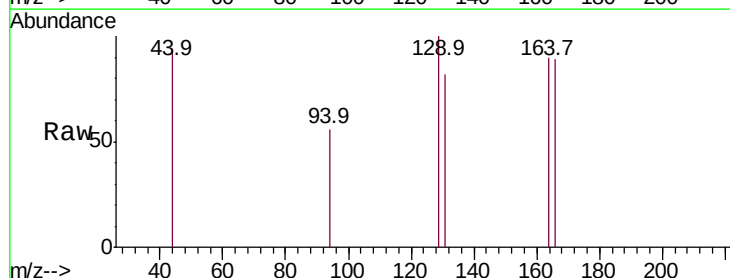
Instrument :
MSVOA_N
ClientSampled :
MW-12DL

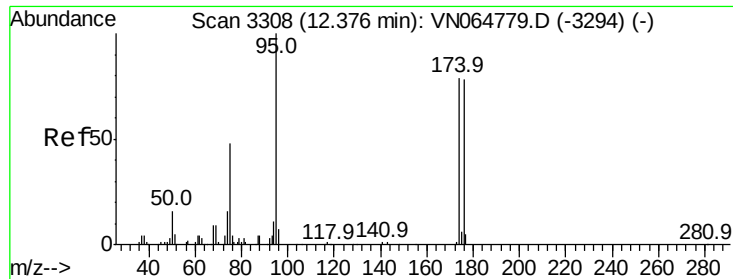
Tot Ion: 43 Resp: 368
Ion Ratio Lower Upper
43 100
58 8.4 28.3 84.9#



#60
Dibromochloromethane
Concen: 0.200 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.27 min
Lab File: VN064818.D
Acq: 24 Nov 2020 18:16

Tgt Ion: 129 Resp: 460
Ion Ratio Lower Upper
129 100
127 0.0 39.1 117.2#





#62

4-Bromofluorobenzene

Concen: 60.905 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.00 min

Lab File: VN064818.D

Acq: 24 Nov 2020 18:16

Instrument :

MSVOA_N

ClientSampleId :

MW-12DL

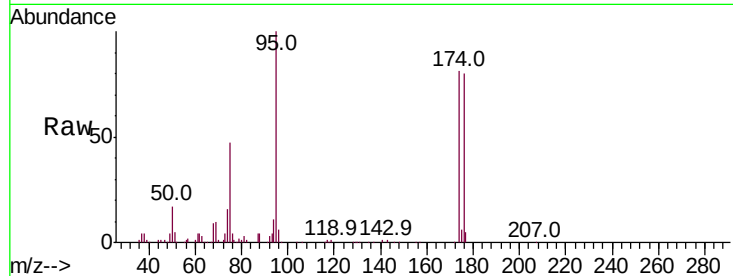
Tot Ion: 95 Resp: 153149

Ion Ratio Lower Upper

95 100

174 81.4 0.0 160.4

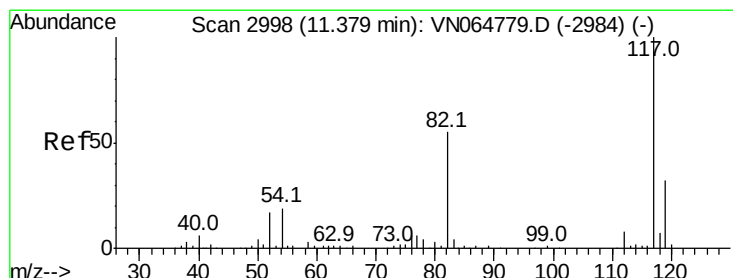
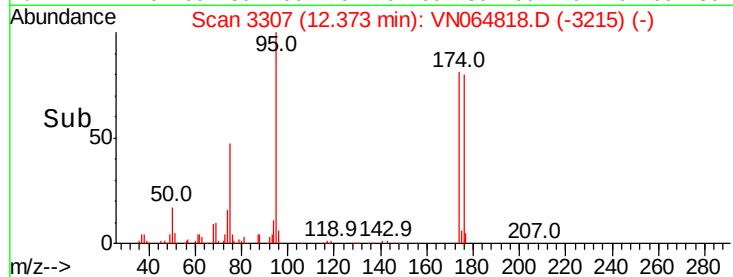
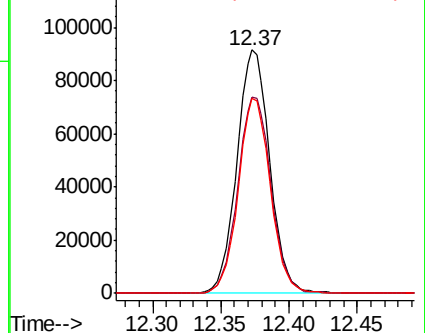
176 78.3 0.0 158.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064818.D

Acq: 24 Nov 2020 18:16

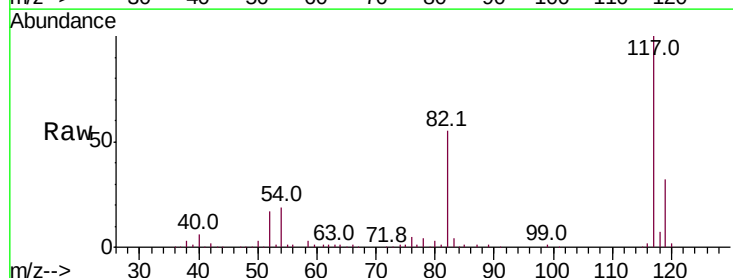
Tgt Ion: 117 Resp: 299327

Ion Ratio Lower Upper

117 100

82 55.3 44.2 66.2

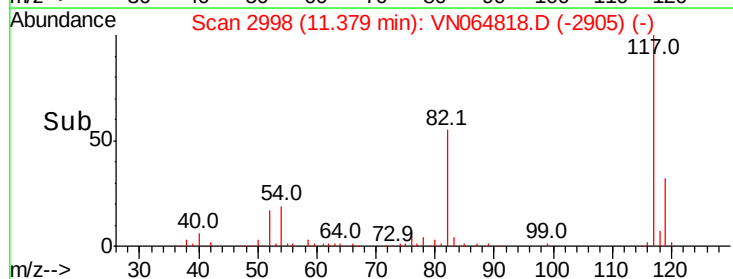
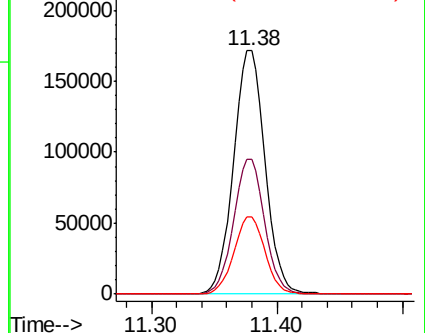
119 31.9 25.8 38.6

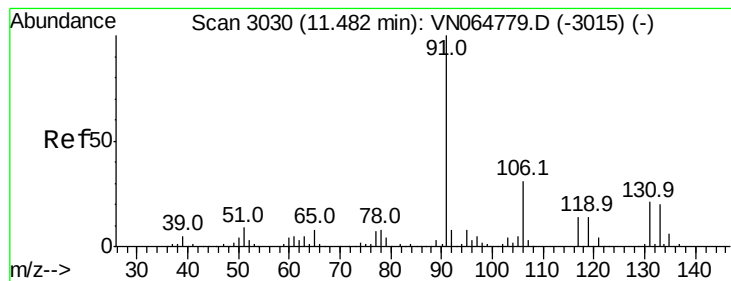


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#67

Ethyl Benzene

Concen: 21.636 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN064818.D

Acq: 24 Nov 2020 18:16

Instrument :

MSVOA_N

ClientSampled :

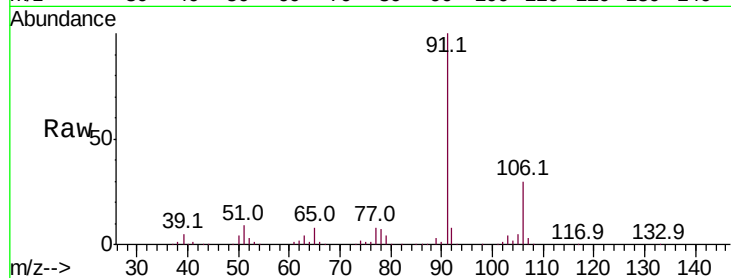
MW-12DL

Tot Ion: 91 Resp: 232335

Ion Ratio Lower Upper

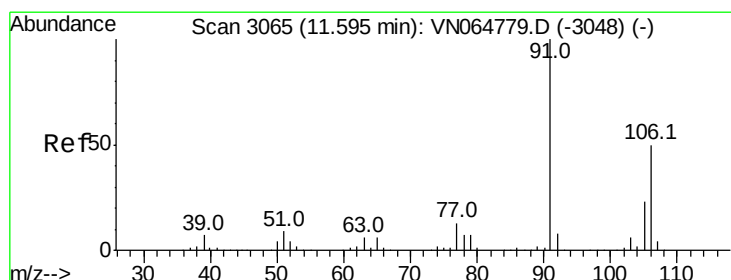
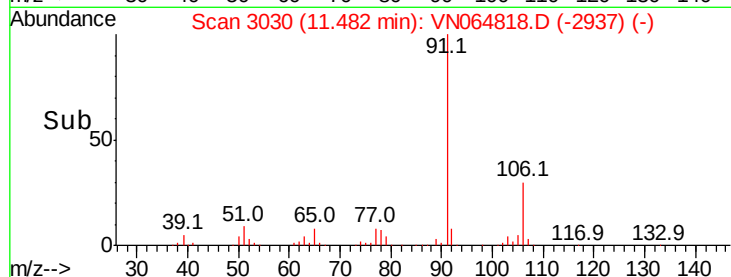
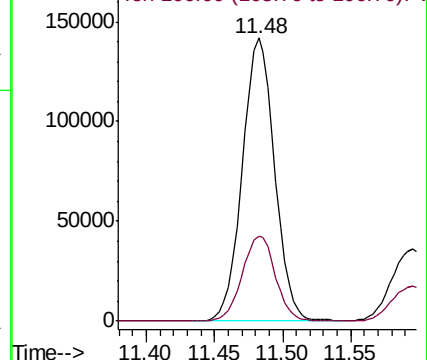
91 100

106 30.2 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 8.633 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. 0.00 min

Lab File: VN064818.D

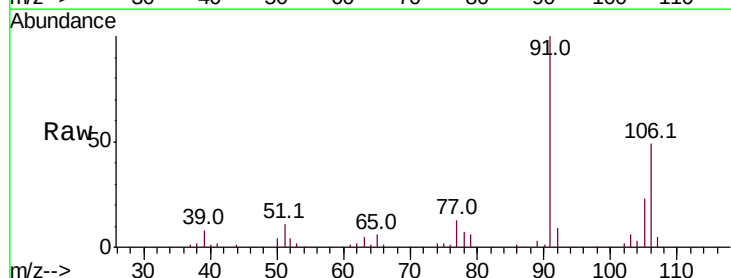
Acq: 24 Nov 2020 18:16

Tgt Ion:106 Resp: 35097

Ion Ratio Lower Upper

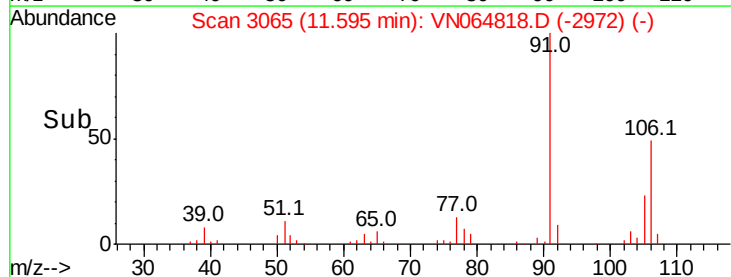
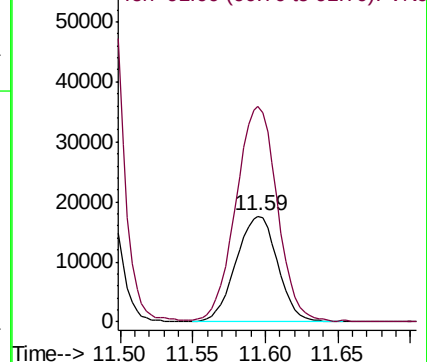
106 100

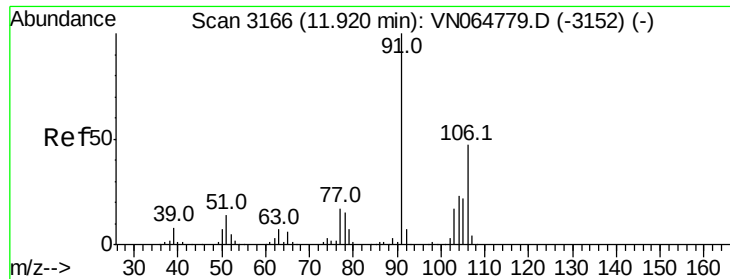
91 203.6 161.0 241.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

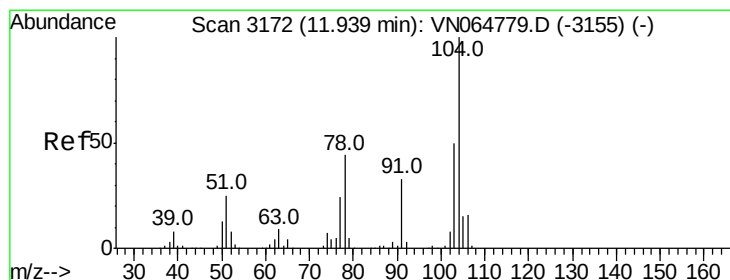
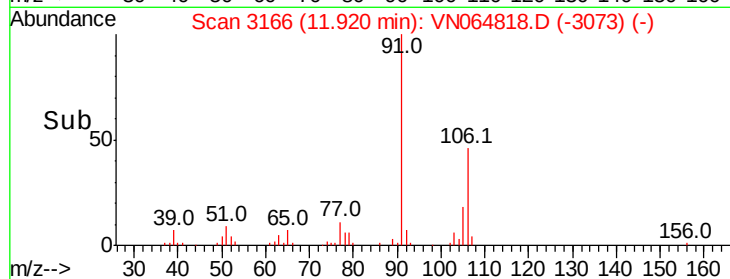
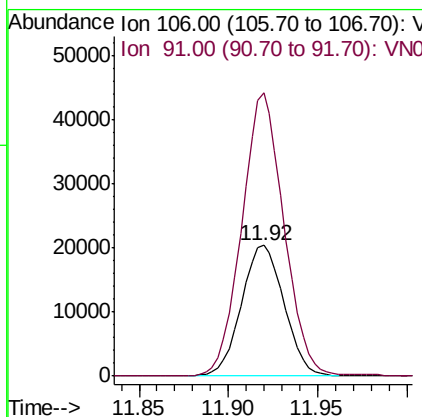
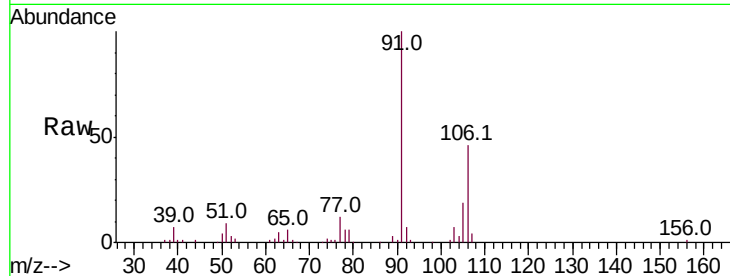




#69
o-Xylene
Concen: 8.875 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064818.D
Acq: 24 Nov 2020 18:16

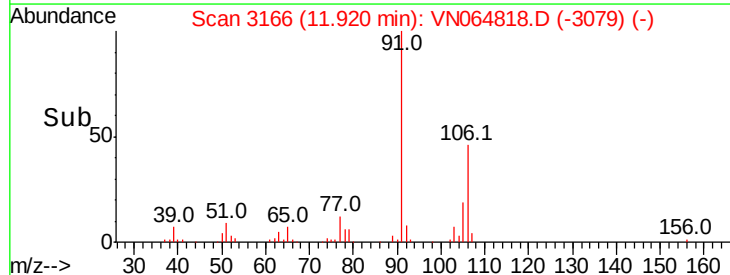
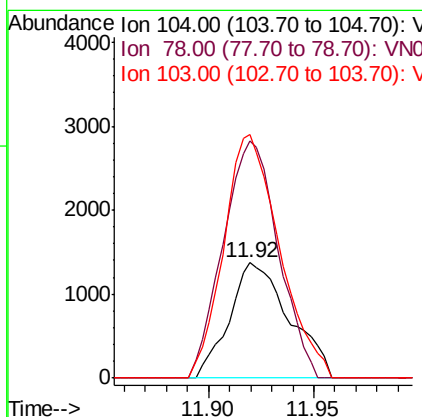
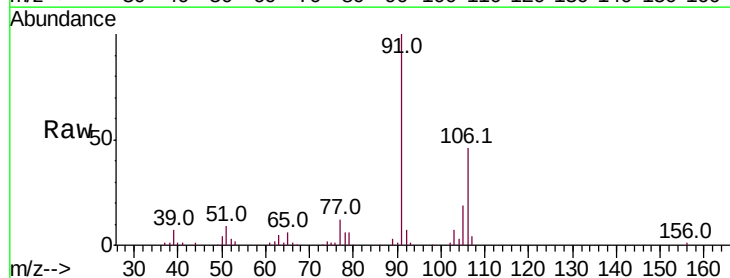
Instrument :
MSVOA_N
ClientSampled :
MW-12DL

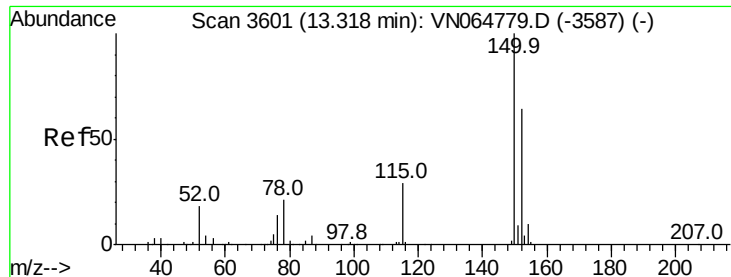
Tot Ion:106 Resp: 34242
Ion Ratio Lower Upper
106 100
91 213.2 105.5 316.5



#70
Styrene
Concen: 0.417 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.02 min
Lab File: VN064818.D
Acq: 24 Nov 2020 18:16

Tgt Ion:104 Resp: 2713
Ion Ratio Lower Upper
104 100
78 188.3 39.0 58.6#
103 196.3 44.3 66.5#

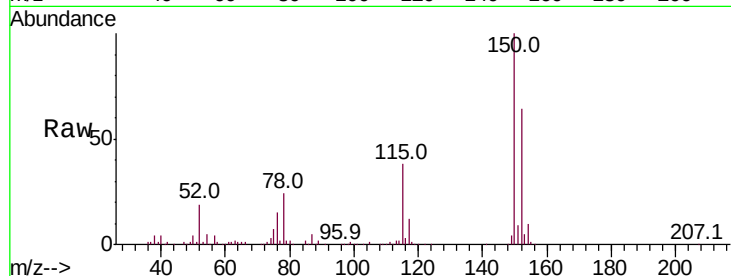




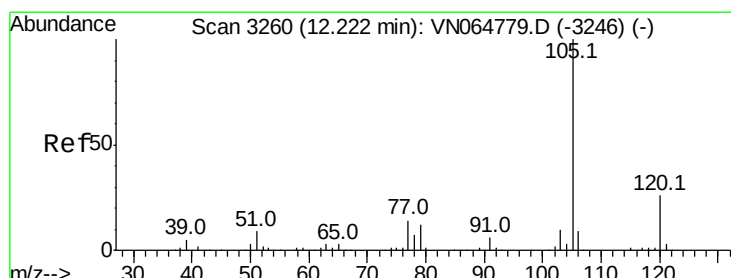
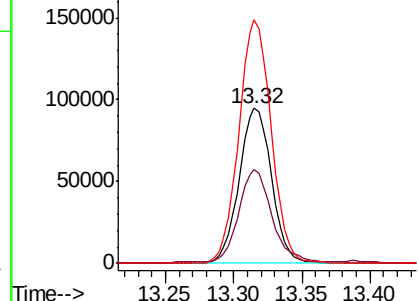
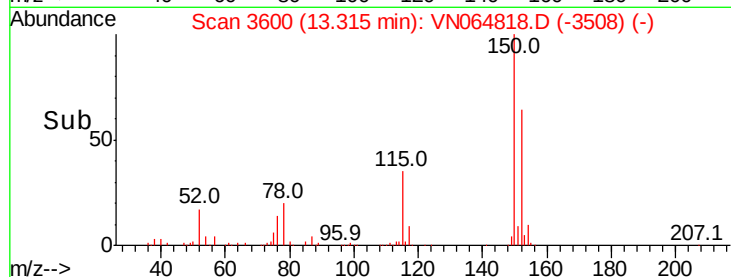
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.32 min Scan# 3600
 Delta R.T. -0.00 min
 Lab File: VN064818.D
 Acq: 24 Nov 2020 18:16

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12DL

Tot Ion:152 Resp: 156601
 Ion Ratio Lower Upper
 152 100
 115 61.1 29.7 89.1
 150 156.3 0.0 350.6

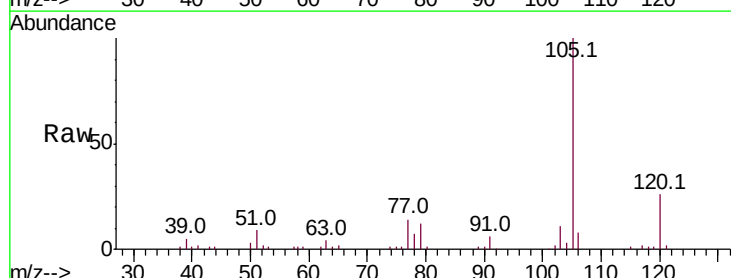


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

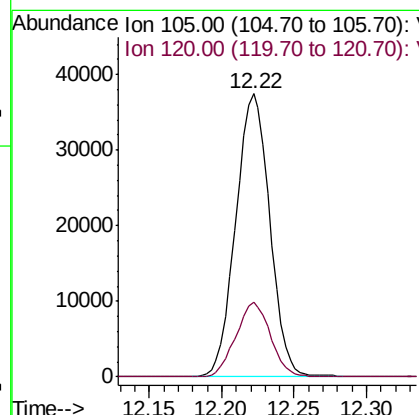
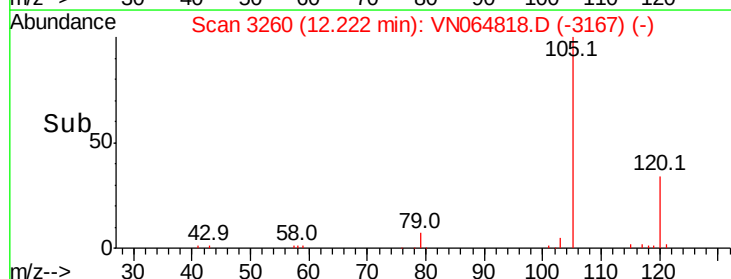


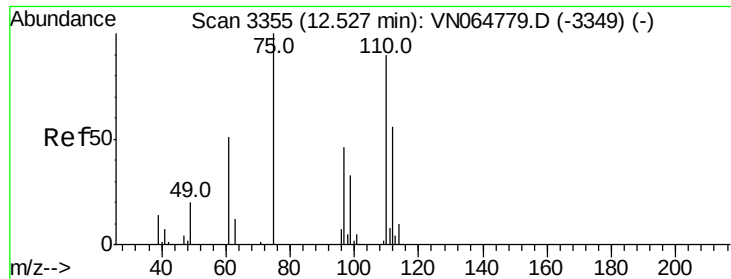
#73
 Isopropylbenzene
 Concen: 5.605 ug/l
 RT: 12.22 min Scan# 3260
 Delta R.T. 0.00 min
 Lab File: VN064818.D
 Acq: 24 Nov 2020 18:16

Tgt Ion:105 Resp: 61053
 Ion Ratio Lower Upper
 105 100
 120 26.6 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

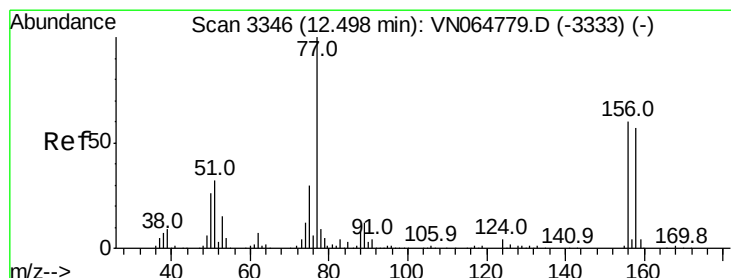
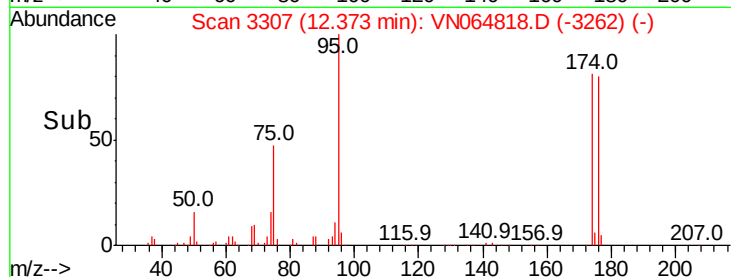
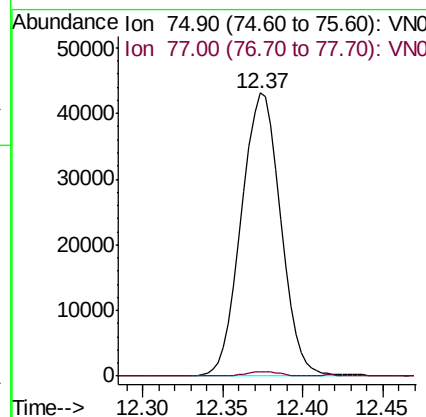
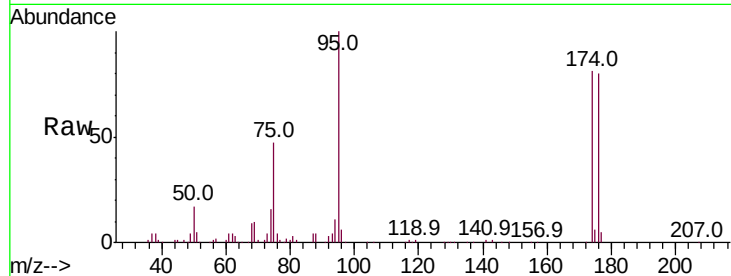




#76
 1,2,3-Trichloropropane
 Concen: 21.525 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. -0.15 min
 Lab File: VN064818.D
 Acq: 24 Nov 2020 18:16

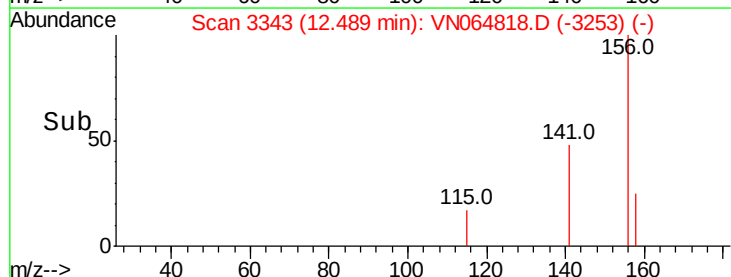
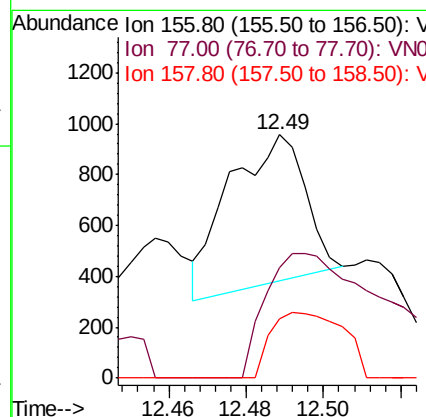
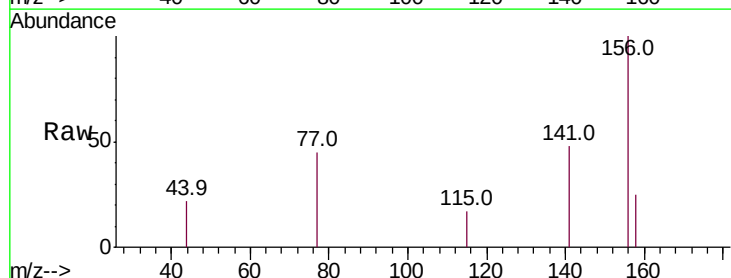
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12DL

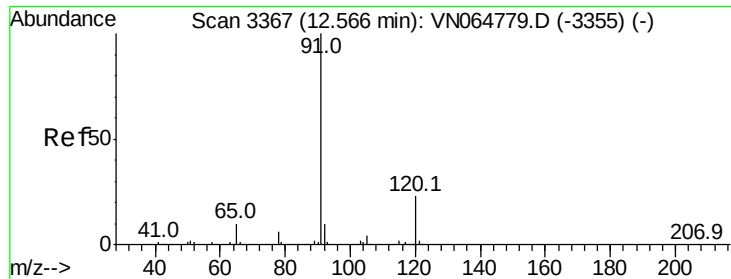
Tot Ion: 75 Resp: 72595
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#77
 Bromobenzene
 Concen: 0.274 ug/l
 RT: 12.49 min Scan# 3343
 Delta R.T. -0.01 min
 Lab File: VN064818.D
 Acq: 24 Nov 2020 18:16

Tgt Ion: 156 Resp: 804
 Ion Ratio Lower Upper
 156 100
 77 127.4 101.3 303.7
 158 41.7 48.2 144.6#





#78

n-propylbenzene

Concen: 5.222 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064818.D

Acq: 24 Nov 2020 18:16

Instrument :

MSVOA_N

ClientSampled :

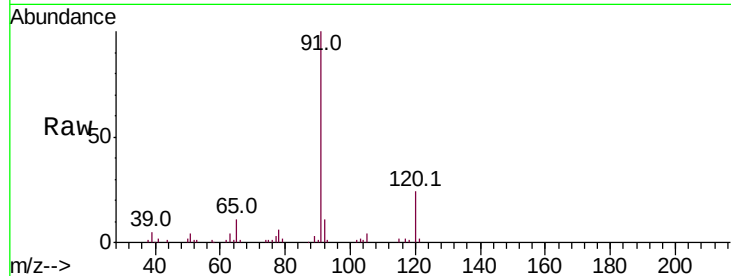
MW-12DL

Tot Ion: 91 Resp: 64802

Ion Ratio Lower Upper

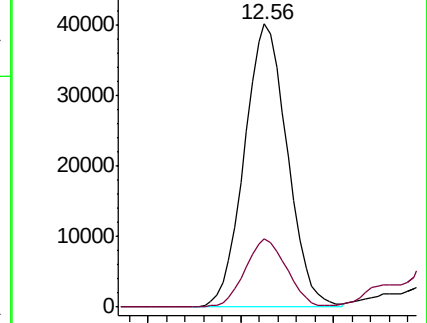
91 100

120 23.4 11.6 34.7

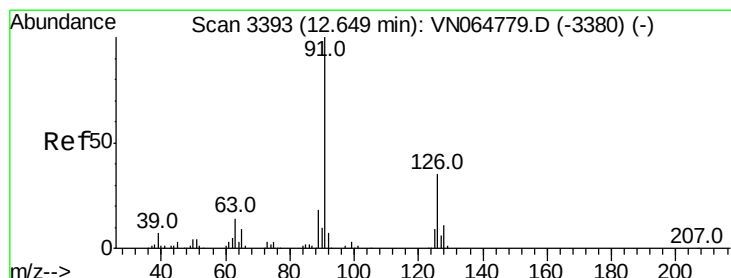
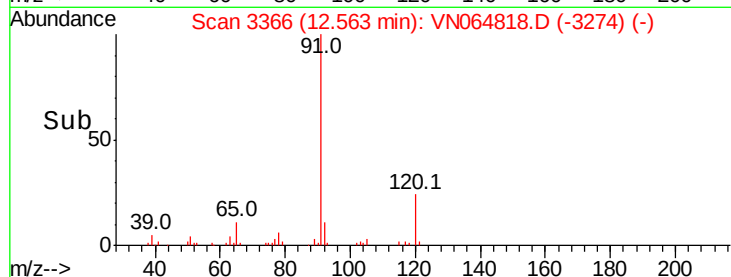


Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



Time-->



#79

2-Chlorotoluene

Concen: 1.572 ug/l

RT: 12.66 min Scan# 3396

Delta R.T. 0.01 min

Lab File: VN064818.D

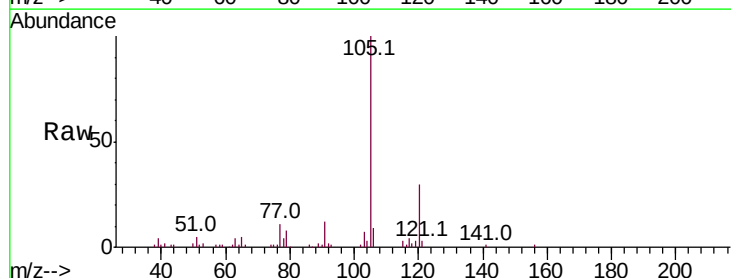
Acq: 24 Nov 2020 18:16

Tgt Ion: 91 Resp: 12061

Ion Ratio Lower Upper

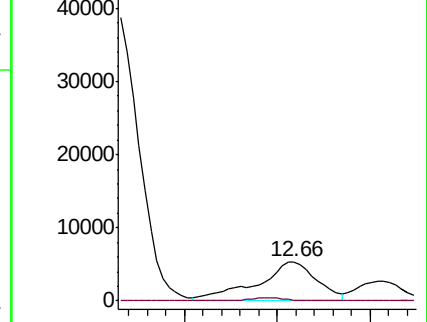
91 100

126 4.1 17.2 51.6#

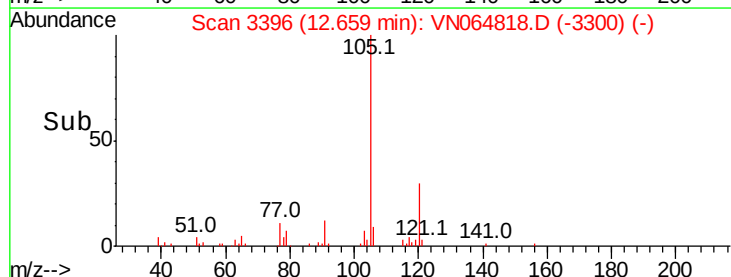


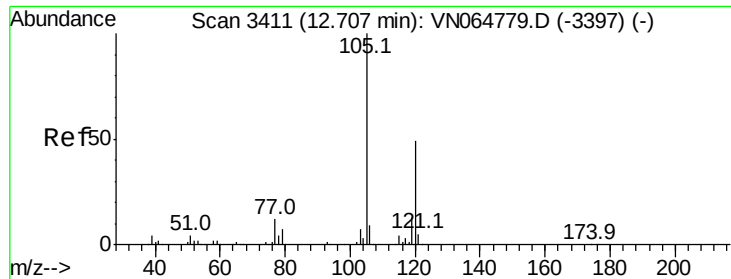
Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V



Time-->

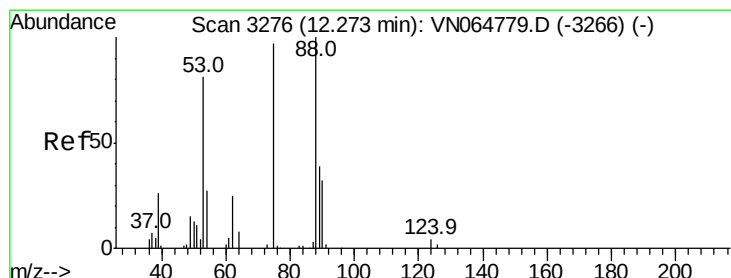
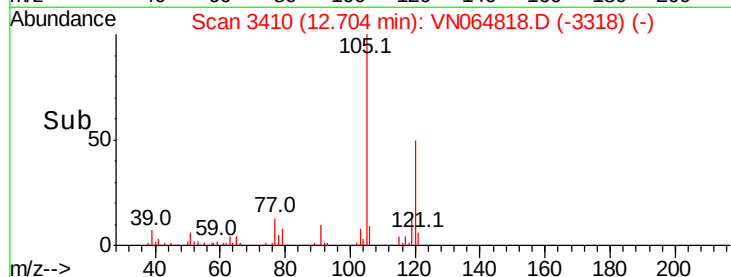
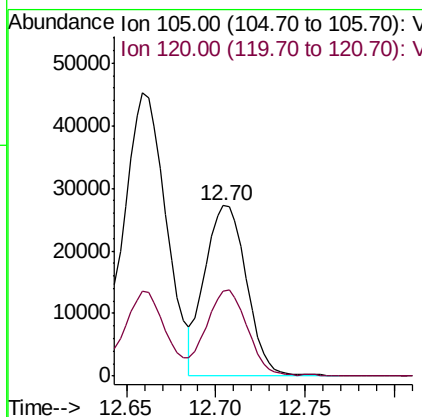
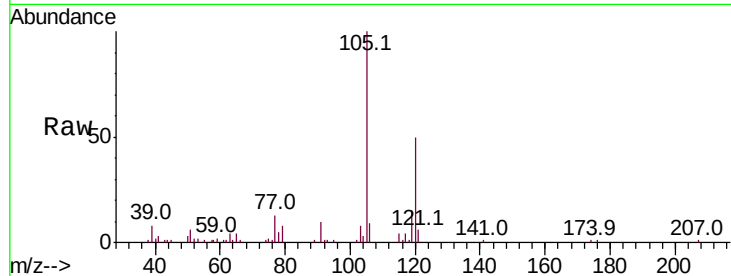




#80
 1,3,5-Trimethylbenzene
 Concen: 4.900 ug/l
 RT: 12.70 min Scan# 3410
 Delta R.T. -0.00 min
 Lab File: VN064818.D
 Acq: 24 Nov 2020 18:16

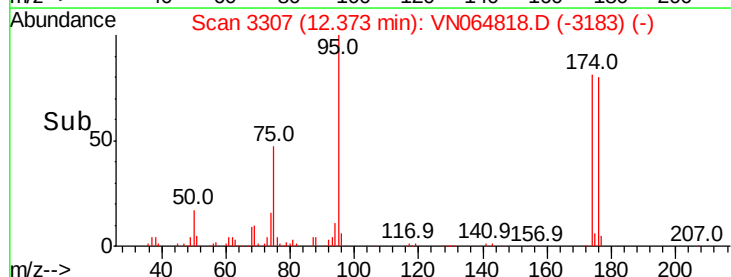
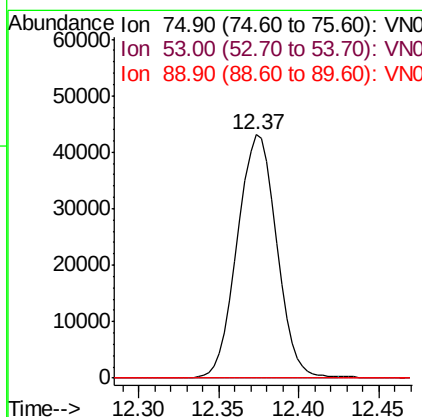
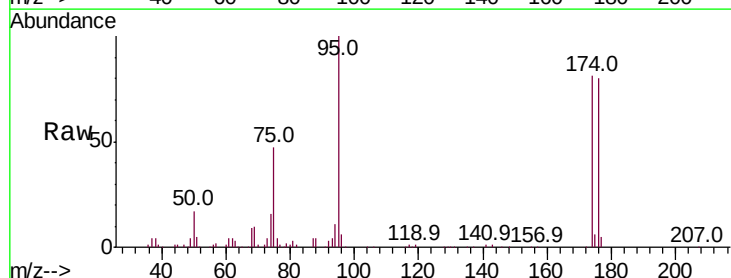
Instrument :
 MSVOA_N
 ClientSampled :
 MW-12DL

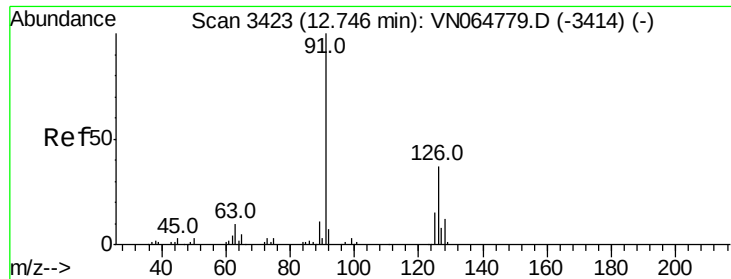
Tot Ion:105 Resp: 44367
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.6 73.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 58.996 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. 0.10 min
 Lab File: VN064818.D
 Acq: 24 Nov 2020 18:16

Tgt Ion: 75 Resp: 72595
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.0 100.4#
 89 0.0 39.6 59.4#





#82

4-Chlorotoluene

Concen: 0.580 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.04 min

Lab File: VN064818.D

Acq: 24 Nov 2020 18:16

Instrument :

MSVOA_N

ClientSampled :

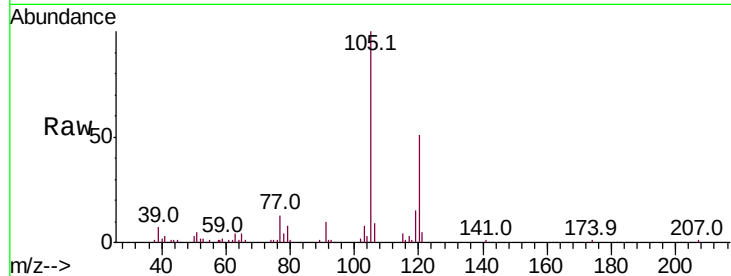
MW-12DL

Tot Ion: 91 Resp: 4664

Ion Ratio Lower Upper

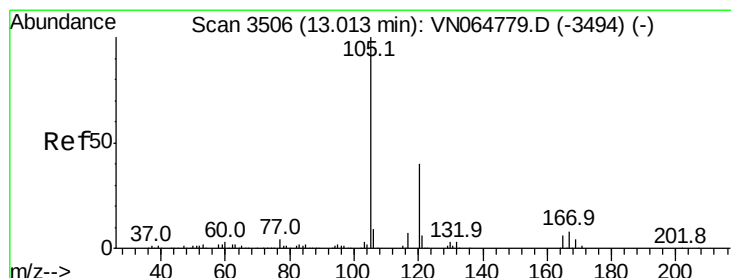
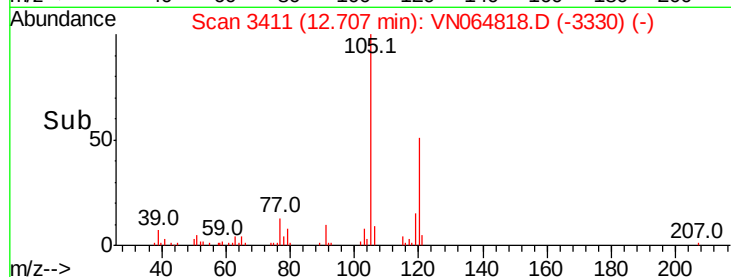
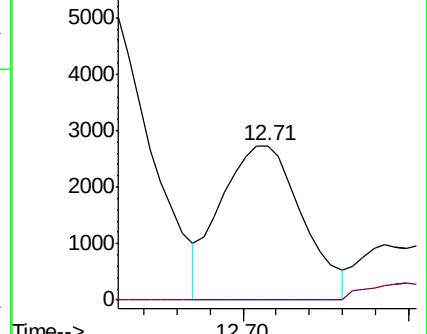
91 100

126 0.0 16.9 50.7#



Abundance Ion 91.00 (90.70 to 91.70): VN064779.D (-3414) (-)

Ion 125.90 (125.60 to 126.60): VN064779.D (-3414) (-)



#84

1,2,4-Trimethylbenzene

Concen: 29.708 ug/l

RT: 13.01 min Scan# 3506

Delta R.T. 0.00 min

Lab File: VN064818.D

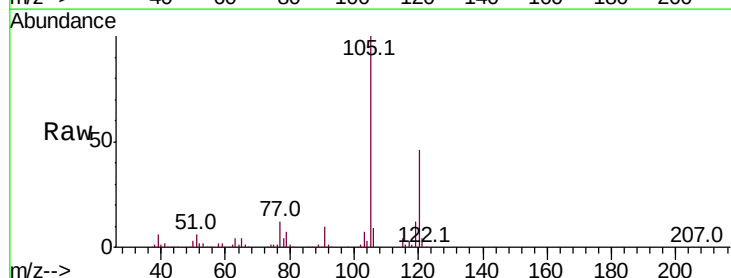
Acq: 24 Nov 2020 18:16

Tgt Ion: 105 Resp: 271948

Ion Ratio Lower Upper

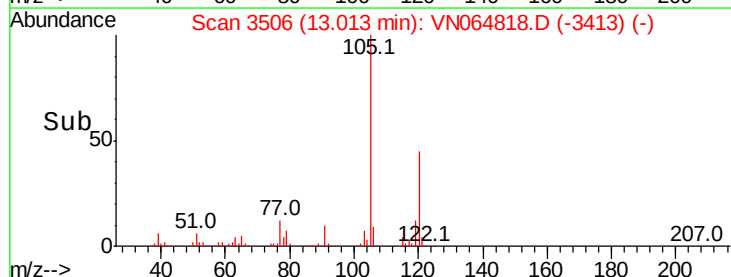
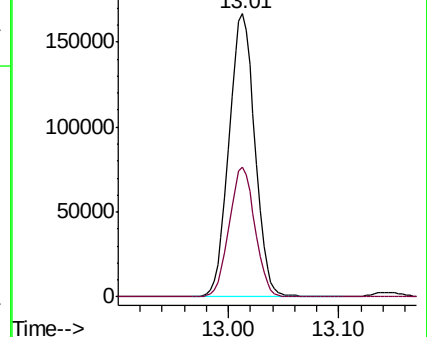
105 100

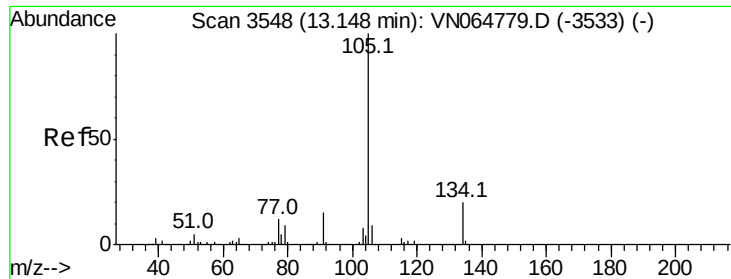
120 45.4 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): VN064779.D (-3494) (-)

Ion 120.00 (119.70 to 120.70): VN064779.D (-3494) (-)





#85

sec-Butylbenzene

Concen: 26.989 ug/l

RT: 13.01 min Scan# 3506

Delta R.T. -0.14 min

Lab File: VN064818.D

Acq: 24 Nov 2020 18:16

Instrument :

MSVOA_N

ClientSampleId :

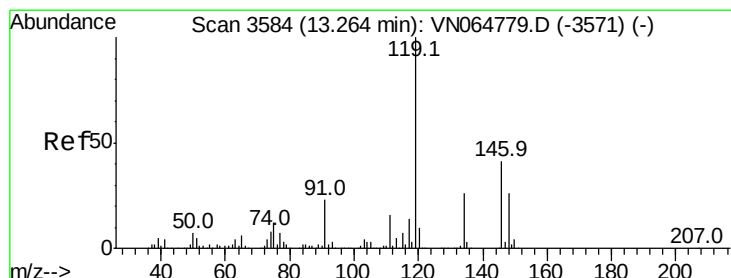
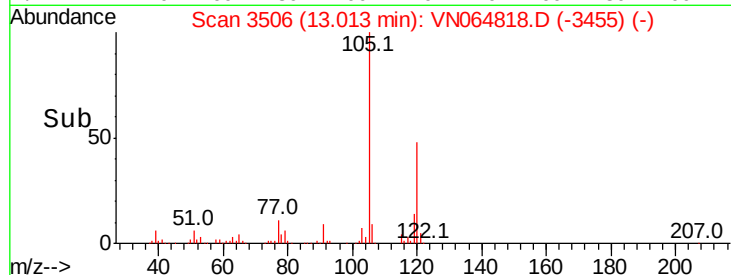
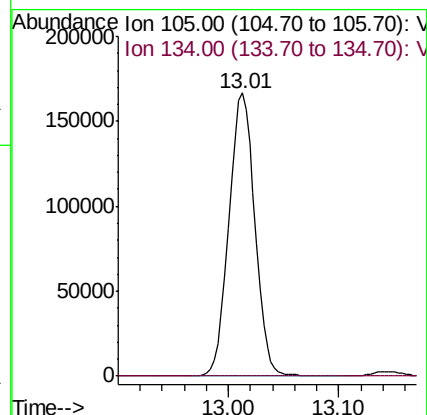
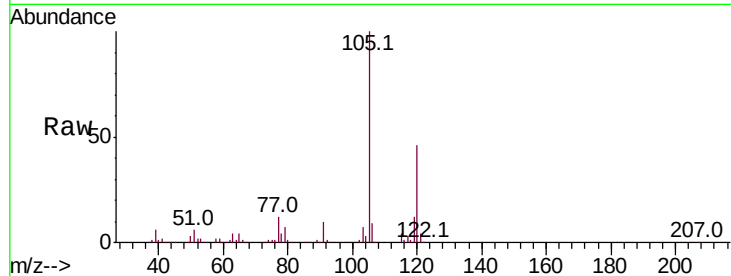
MW-12DL

Tot Ion:105 Resp: 271948

Ion Ratio Lower Upper

105 100

134 0.0 10.1 30.1#



#86

p-Isopropyltoluene

Concen: 1.651 ug/l

RT: 13.21 min Scan# 3566

Delta R.T. -0.06 min

Lab File: VN064818.D

Acq: 24 Nov 2020 18:16

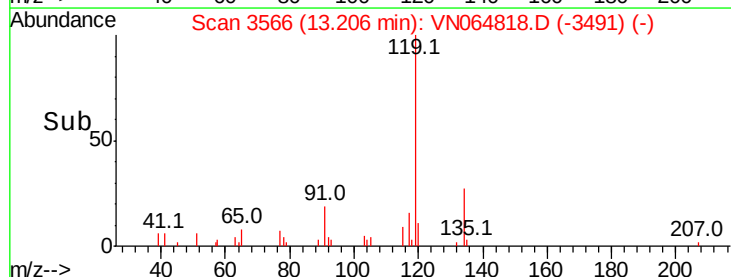
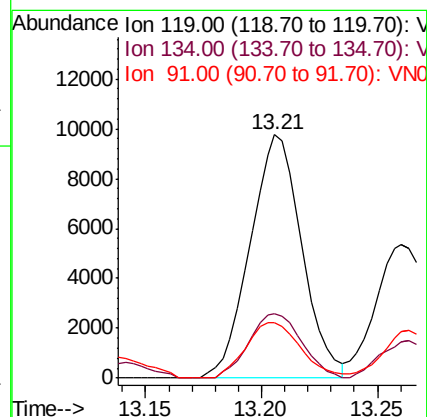
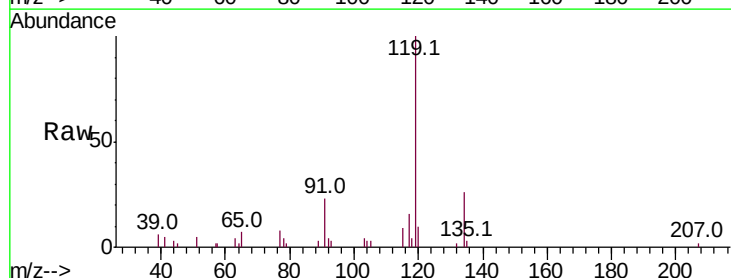
Tgt Ion:119 Resp: 15142

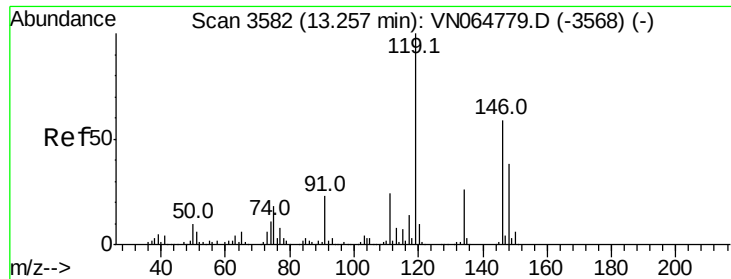
Ion Ratio Lower Upper

119 100

134 27.0 13.1 39.1

91 24.2 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 0.221 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. 0.00 min

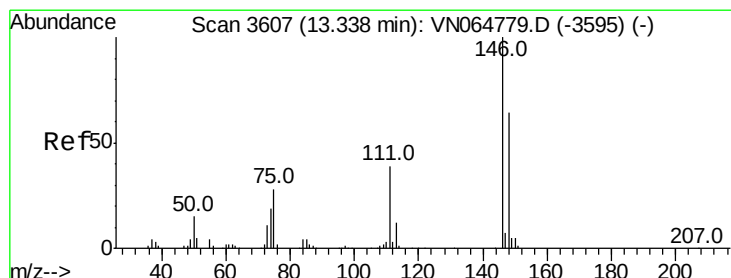
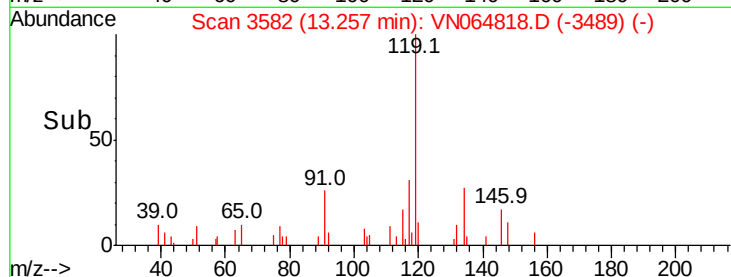
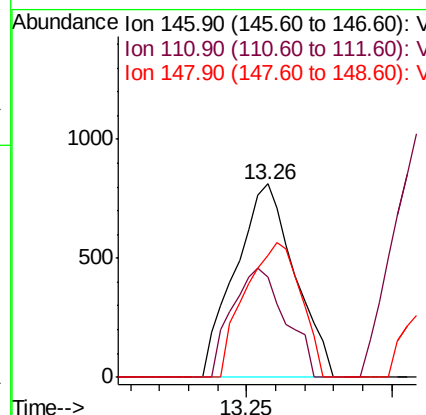
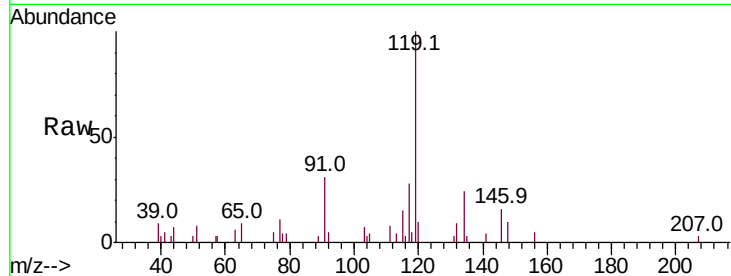
Lab File: VN064818.D

Acq: 24 Nov 2020 18:16

Instrument :
MSVOA_N
ClientSampled :
MW-12DL

Tot Ion:146 Resp: 1152

Ion	Ratio	Lower	Upper
146	100		
111	50.9	20.6	61.9
148	65.5	31.9	95.5



#88

1,4-Dichlorobenzene

Concen: 0.209 ug/l

RT: 13.26 min Scan# 3582

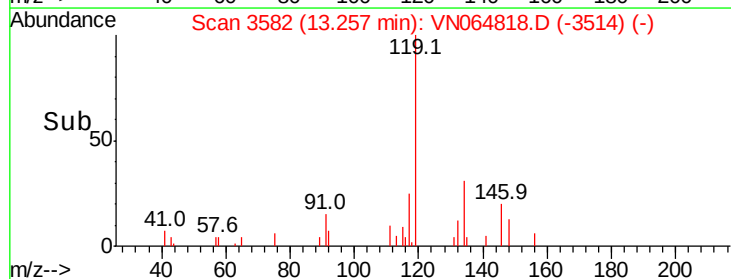
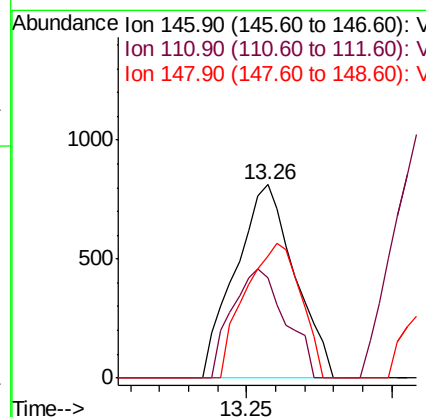
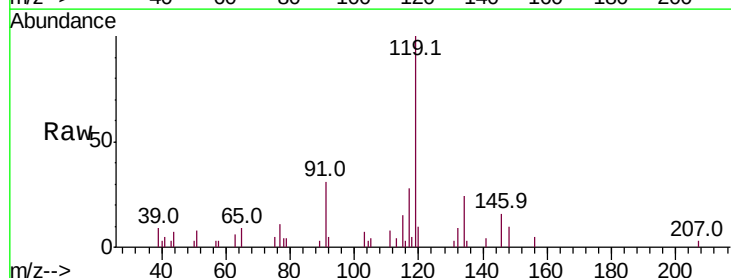
Delta R.T. -0.08 min

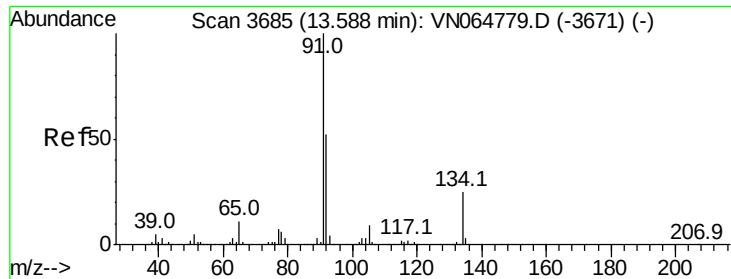
Lab File: VN064818.D

Acq: 24 Nov 2020 18:16

Tgt Ion:146 Resp: 1152

Ion	Ratio	Lower	Upper
146	100		
111	50.9	19.8	59.3
148	65.5	31.9	95.5

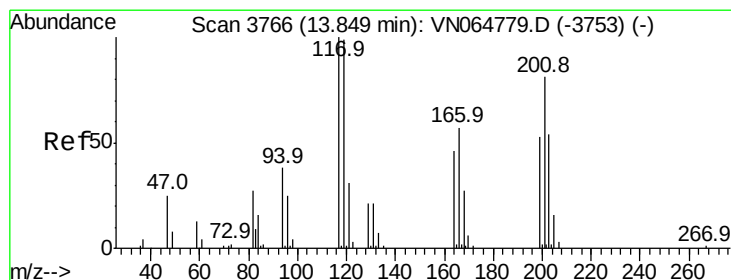
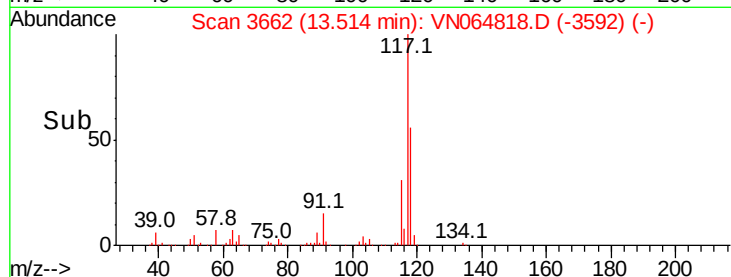
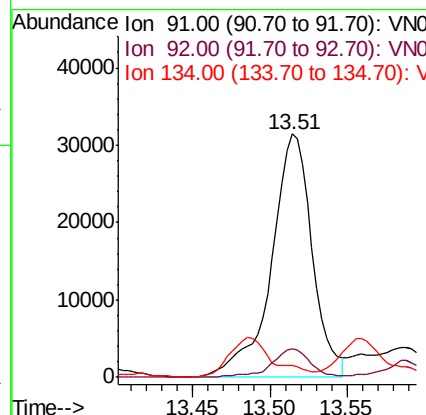
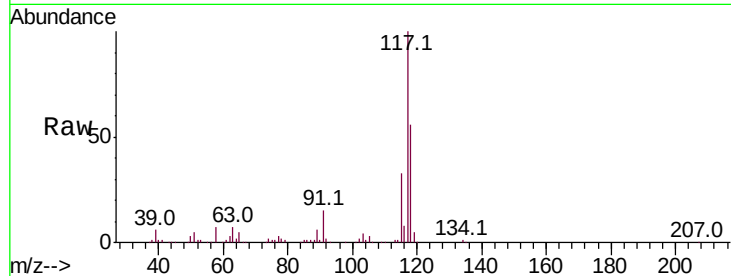




#89
n-Butylbenzene
Concen: 7.162 ug/l
RT: 13.51 min Scan# 3662
Delta R.T. -0.07 min
Lab File: VN064818.D
Acq: 24 Nov 2020 18:16

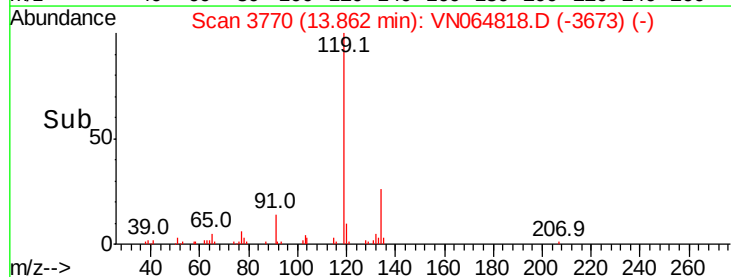
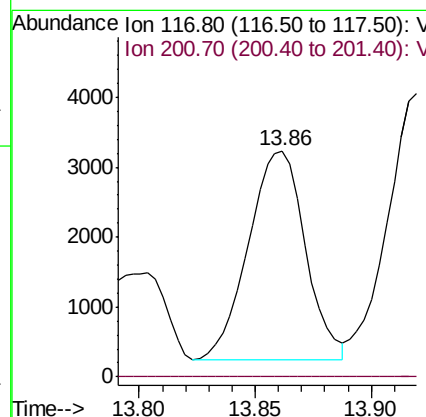
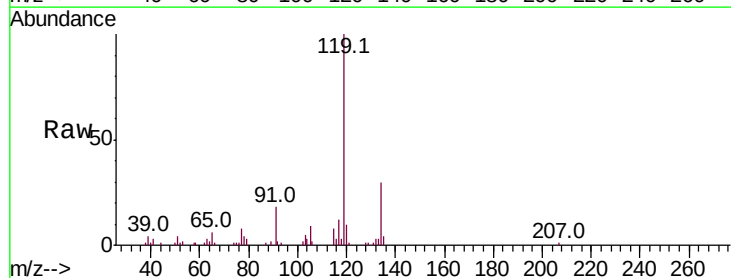
Instrument :
MSVOA_N
ClientSampled :
MW-12DL

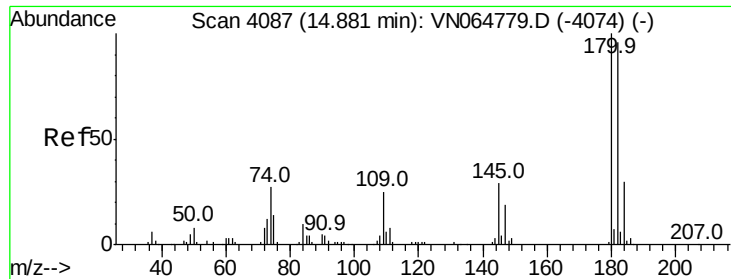
Tot Ion: 91 Resp: 57701
Ion Ratio Lower Upper
91 100
92 11.0 26.0 78.0#
134 0.0 12.9 38.6#



#90
Hexachloroethane
Concen: 3.205 ug/l
RT: 13.86 min Scan# 3770
Delta R.T. 0.01 min
Lab File: VN064818.D
Acq: 24 Nov 2020 18:16

Tgt Ion: 117 Resp: 5108
Ion Ratio Lower Upper
117 100
201 0.0 40.1 120.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.661 ug/l

RT: 14.88 min Scan# 4088

Delta R.T. 0.00 min

Lab File: VN064818.D

Acq: 24 Nov 2020 18:16

Instrument :

MSVOA_N

ClientSampled :

MW-12DL

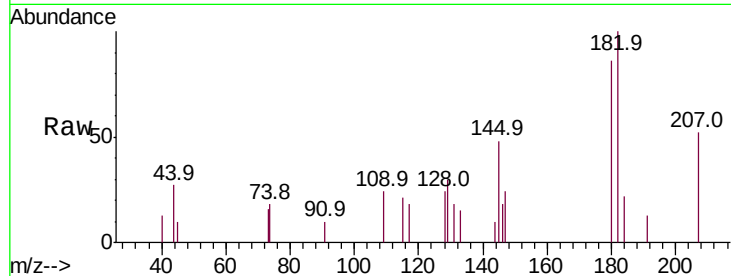
Tot Ion:180 Resp: 2094

Ion Ratio Lower Upper

180 100

182 103.1 47.6 142.9

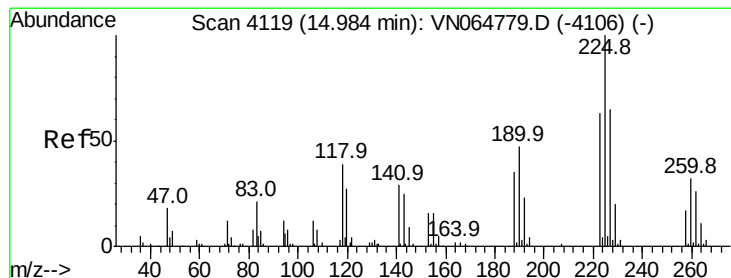
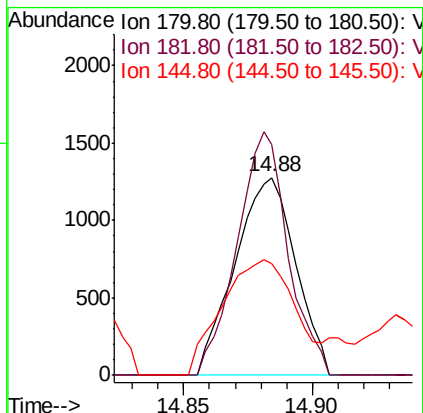
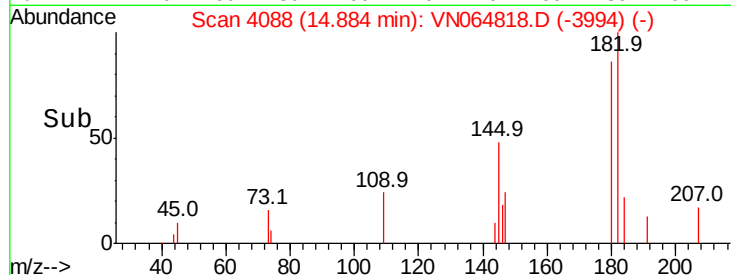
145 70.7 15.3 45.8#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 0.967 ug/l

RT: 14.99 min Scan# 4121

Delta R.T. 0.01 min

Lab File: VN064818.D

Acq: 24 Nov 2020 18:16

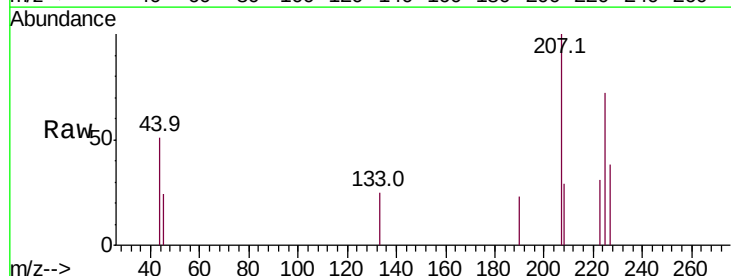
Tgt Ion:225 Resp: 855

Ion Ratio Lower Upper

225 100

223 66.2 31.0 93.0

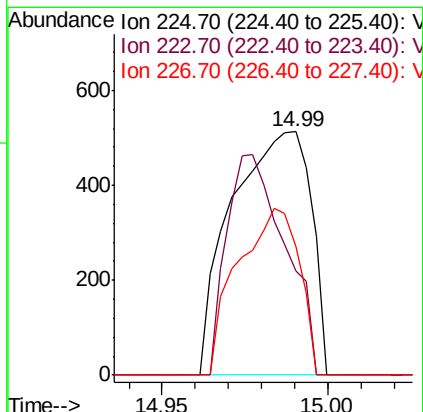
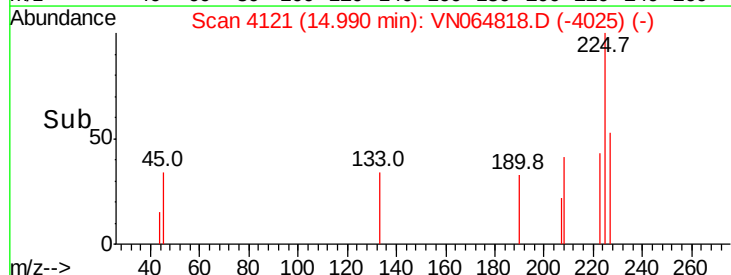
227 52.9 32.0 96.0

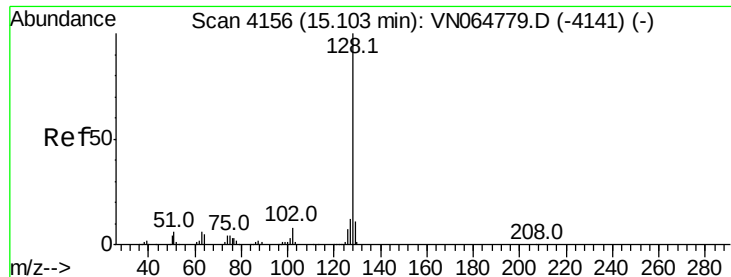


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 147.991 ug/l

RT: 15.10 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN064818.D

Acq: 24 Nov 2020 18:16

Instrument :

MSVOA_N

ClientSampleId :

MW-12DL

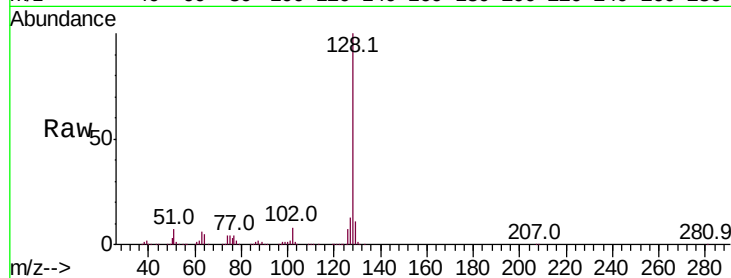
Tot Ion:128 Resp: 1405066

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

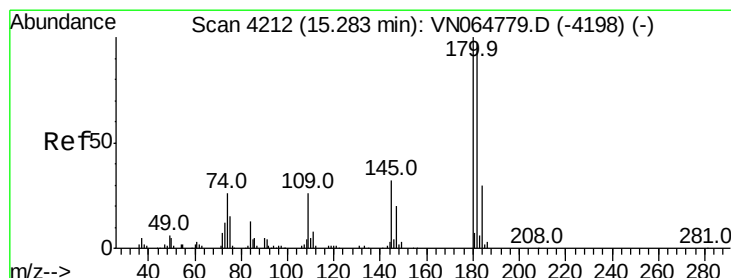
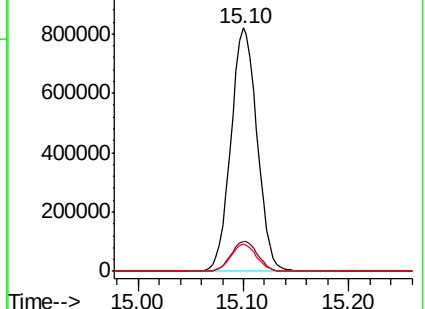
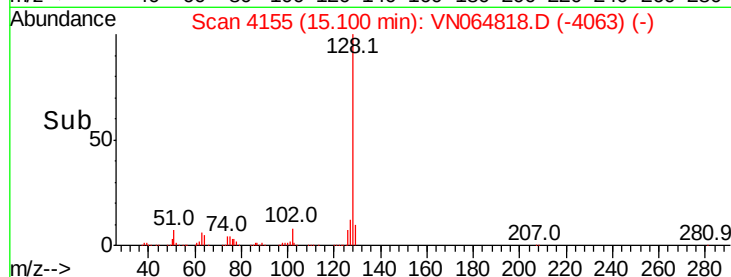
129 10.8 8.7 13.1



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



#96

1,2,3-Trichlorobenzene

Concen: 2.172 ug/l

RT: 15.28 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN064818.D

Acq: 24 Nov 2020 18:16

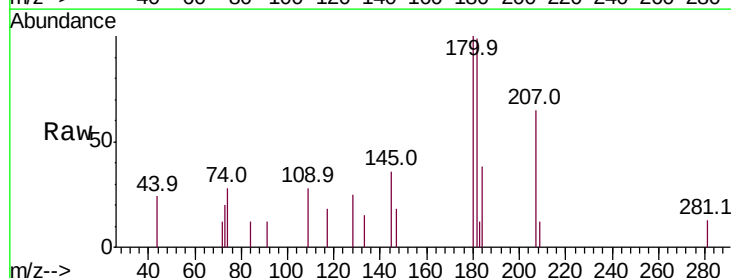
Tgt Ion:180 Resp: 2417

Ion Ratio Lower Upper

180 100

182 88.4 48.1 144.4

145 53.7 16.4 49.1#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

