

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062322\
 Data File : VN073051.D
 Acq On : 23 Jun 2022 16:16
 Operator : JC\MD
 Sample : N3381-11 500X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-24DL

Quant Time: Jun 24 01:19:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

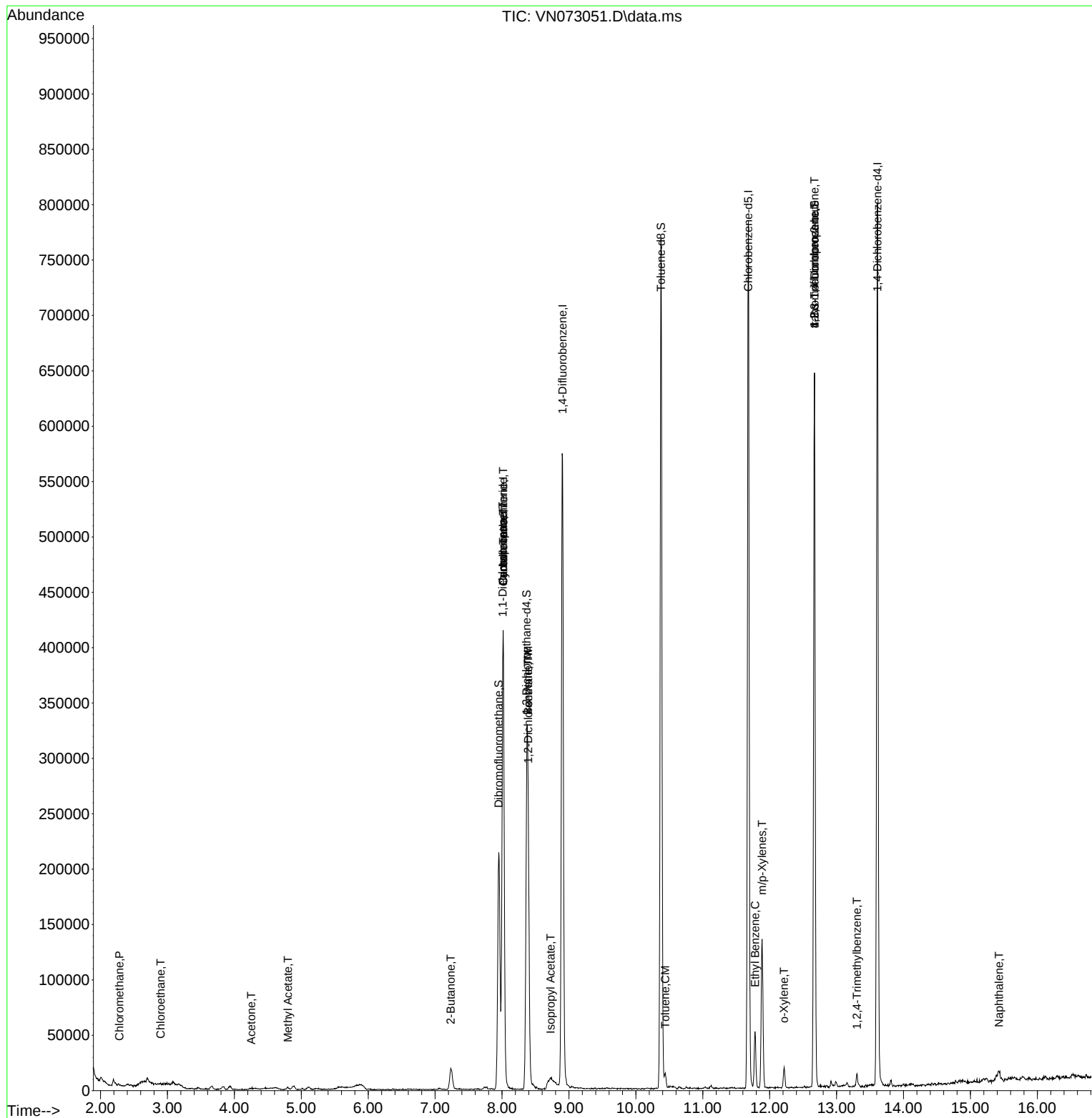
Internal Standards						
1) Pentafluorobenzene	8.016	168	318538	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	517221	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	456519	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	211829	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	188877	43.858	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.720%		
35) Dibromofluoromethane	7.951	113	161590	50.546	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.100%		
50) Toluene-d8	10.375	98	530977	44.636	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.280%		
62) 4-Bromofluorobenzene	12.669	95	224249	52.425	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.840%		
Target Compounds					Qvalue	
3) Chloromethane	2.281	50	856	0.829	ug/l #	43
6) Chloroethane	2.899	64	820	0.482	ug/l #	42
16) Acetone	4.252	43	1678	0.709	ug/l #	42
18) Methyl Acetate	4.799	43	3527	0.559	ug/l #	61
20) Methylene Chloride	5.010	84	383	Below Cal	#	52
25) 2-Butanone	7.234	43	1135	0.302	ug/l #	45
26) 2,2-Dichloropropane	7.269	77	129	Below Cal	#	53
31) Cyclohexane	8.016	56	7514	1.290	ug/l #	31
36) 1,1-Dichloropropene	8.010	75	25788	5.961	ug/l #	49
38) Carbon Tetrachloride	8.016	117	31826	6.995	ug/l #	17
40) Benzene	8.387	78	190946	14.045	ug/l	96
42) 1,2-Dichloroethane	8.392	62	1911	0.396	ug/l	83
43) Isopropyl Acetate	8.728	43	19273	1.949	ug/l #	53
52) Toluene	10.439	92	4171	0.500	ug/l	99
67) Ethyl Benzene	11.780	91	36973	2.356	ug/l	98
68) m/p-Xylenes	11.886	106	42949	6.977	ug/l	95
69) o-Xylene	12.216	106	5115	0.832	ug/l	95
76) 1,2,3-Trichloropropane	12.669	75	117113	22.803	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	117113	61.583	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.304	105	6076	0.453	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.592	75	62	Below Cal	#	38
95) Naphthalene	15.427	128	6088	0.372	ug/l #	92

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062322\
Data File : VN073051.D
Acq On : 23 Jun 2022 16:16
Operator : JC\MD
Sample : N3381-11 500X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-24DL

Quant Time: Jun 24 01:19:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 18 06:22:45 2022
Response via : Initial Calibration

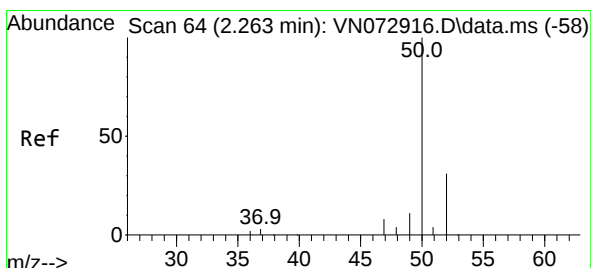
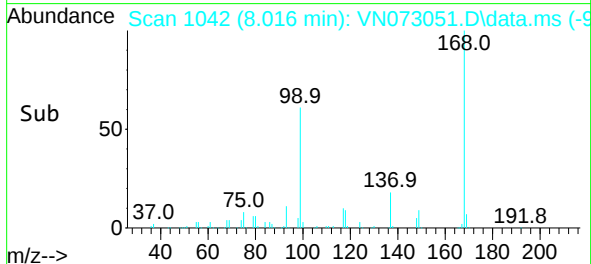
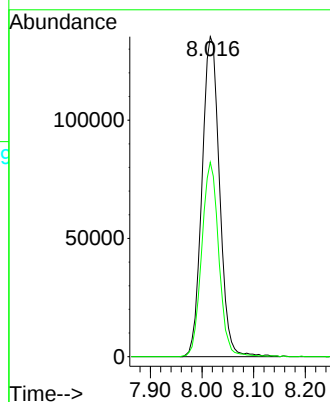
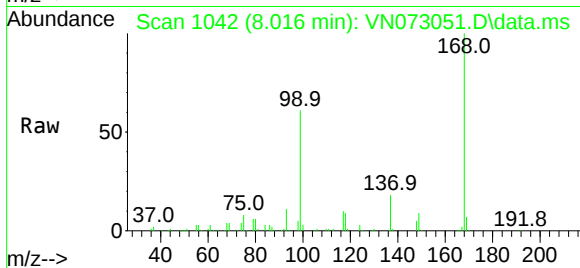




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073051.D
Acq: 23 Jun 2022 16:16

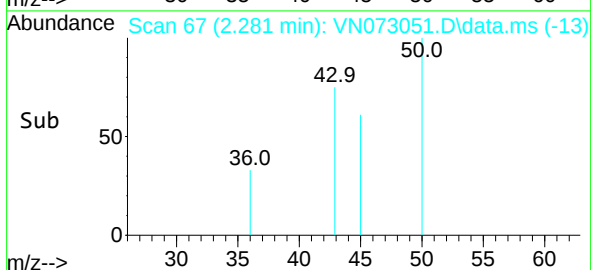
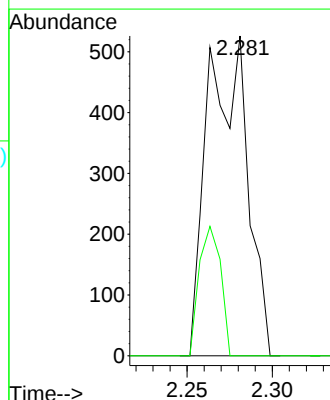
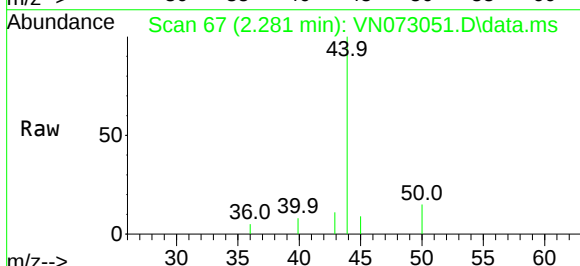
Instrument :
MSVOA_N
ClientSampleId :
MW-24DL

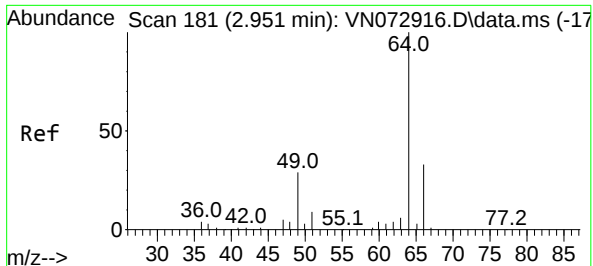
Tgt Ion:168 Resp: 318538
Ion Ratio Lower Upper
168 100
99 60.8 42.3 63.5



#3
Chloromethane
Concen: 0.829 ug/l
RT: 2.281 min Scan# 67
Delta R.T. 0.018 min
Lab File: VN073051.D
Acq: 23 Jun 2022 16:16

Tgt Ion: 50 Resp: 856
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

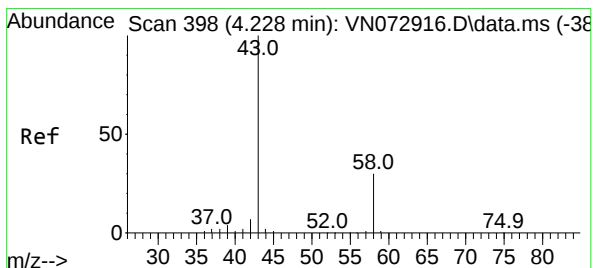
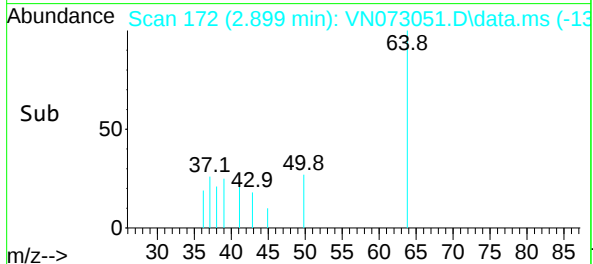
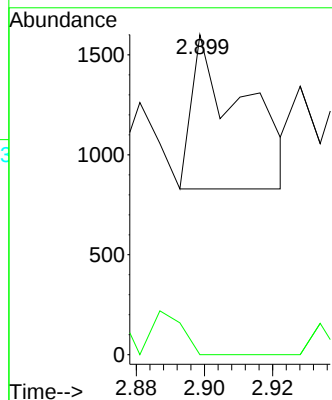
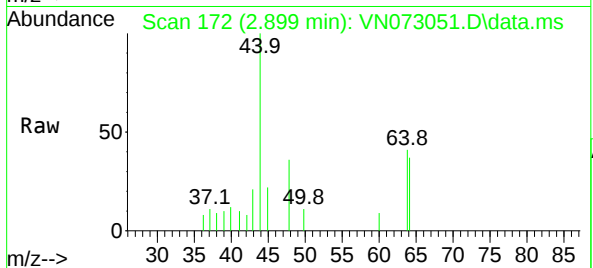




#6
Chloroethane
Concen: 0.482 ug/l
RT: 2.899 min Scan# 11
Delta R.T. -0.053 min
Lab File: VN073051.D
Acq: 23 Jun 2022 16:16

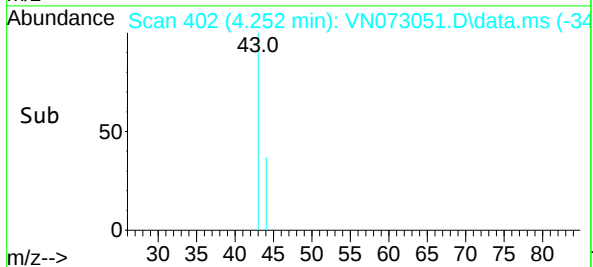
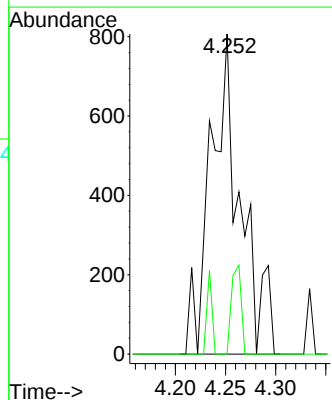
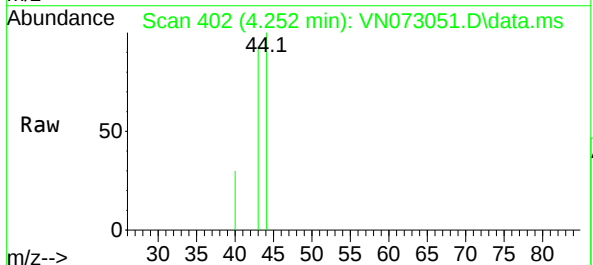
Instrument :
MSVOA_N
ClientSampleId :
MW-24DL

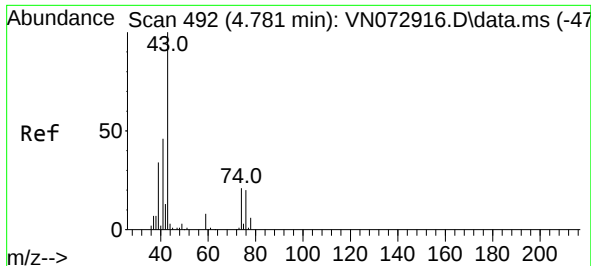
Tgt Ion: 64 Resp: 820
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#16
Acetone
Concen: 0.709 ug/l
RT: 4.252 min Scan# 402
Delta R.T. 0.024 min
Lab File: VN073051.D
Acq: 23 Jun 2022 16:16

Tgt Ion: 43 Resp: 1678
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#

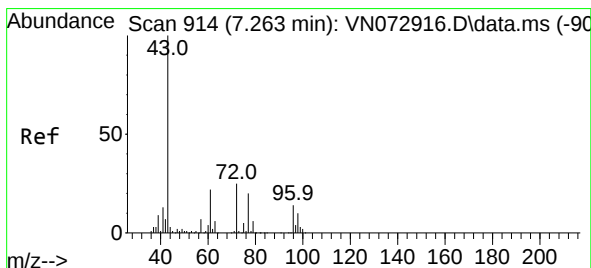
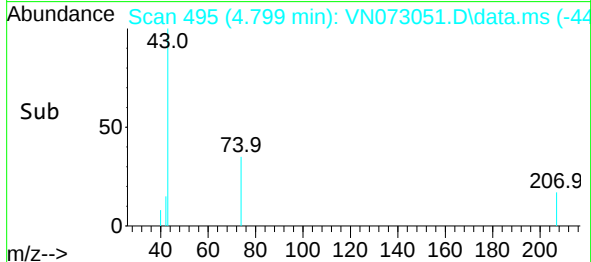
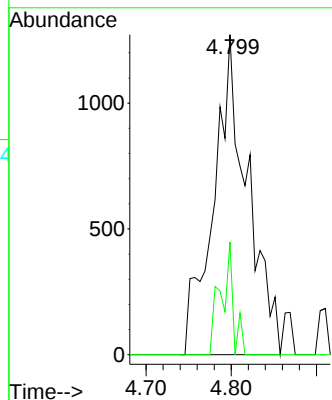
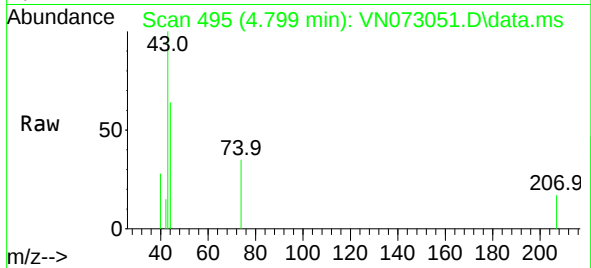




#18
Methyl Acetate
Concen: 0.559 ug/l
RT: 4.799 min Scan# 495
Delta R.T. 0.018 min
Lab File: VN073051.D
Acq: 23 Jun 2022 16:16

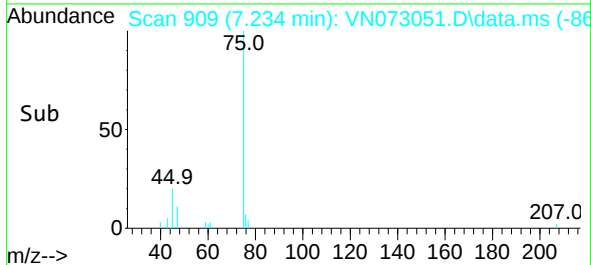
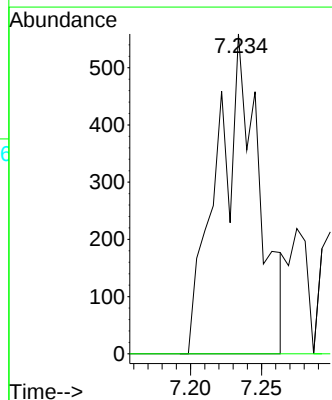
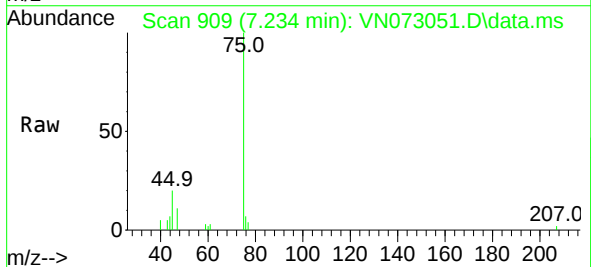
Instrument :
MSVOA_N
ClientSampleId :
MW-24DL

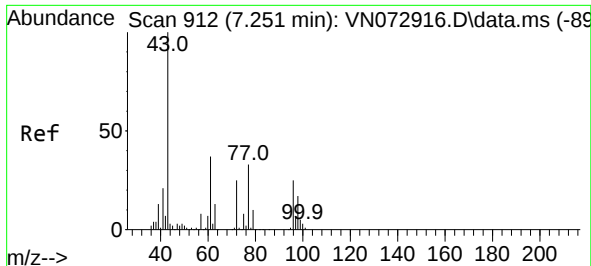
Tgt Ion: 43 Resp: 3527
Ion Ratio Lower Upper
43 100
74 6.9 21.6 32.4#



#25
2-Butanone
Concen: 0.302 ug/l
RT: 7.234 min Scan# 909
Delta R.T. -0.029 min
Lab File: VN073051.D
Acq: 23 Jun 2022 16:16

Tgt Ion: 43 Resp: 1135
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#

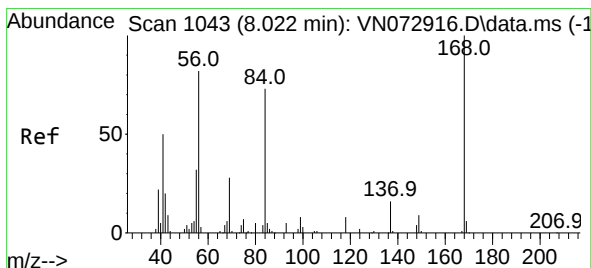
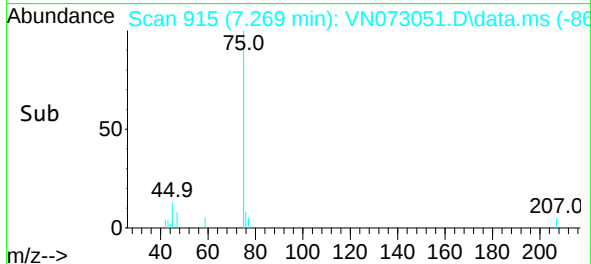
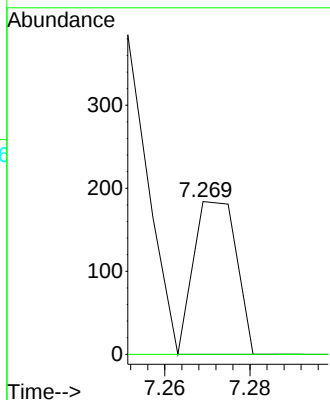
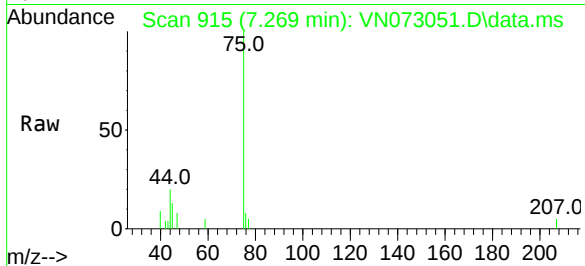




#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.269 min Scan# 912
Delta R.T. 0.018 min
Lab File: VN073051.D
Acq: 23 Jun 2022 16:16

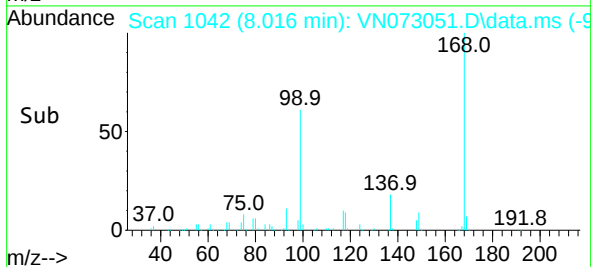
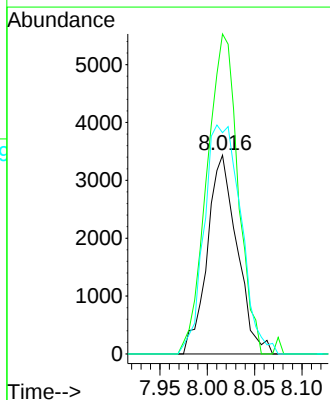
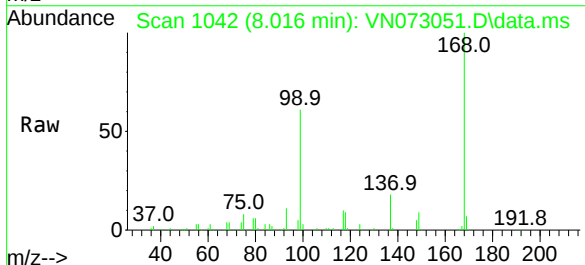
Instrument :
MSVOA_N
ClientSampleId :
MW-24DL

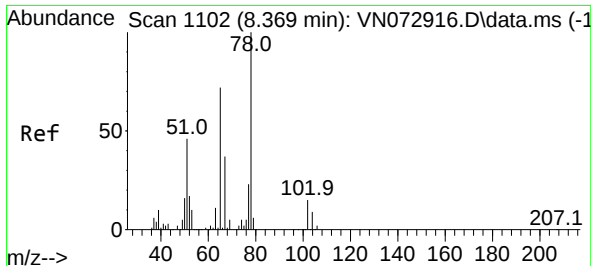
Tgt Ion: 77 Resp: 129
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#



#31
Cyclohexane
Concen: 1.290 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073051.D
Acq: 23 Jun 2022 16:16

Tgt Ion: 56 Resp: 7514
Ion Ratio Lower Upper
56 100
69 161.1 27.8 41.8#
84 111.4 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 43.858 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073051.D

Acq: 23 Jun 2022 16:16

Instrument :

MSVOA_N

ClientSampleId :

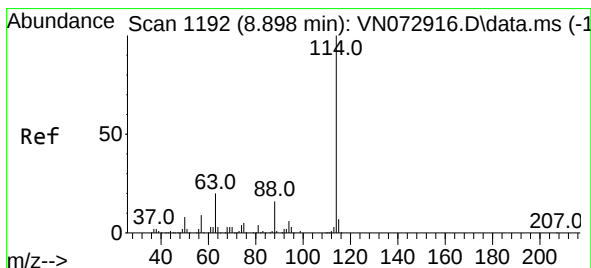
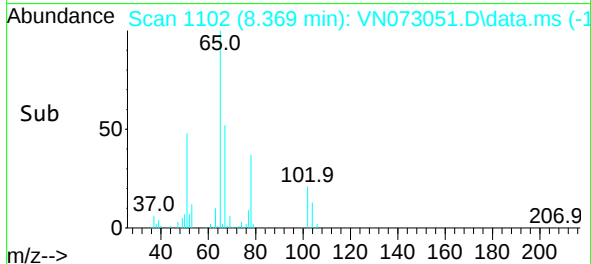
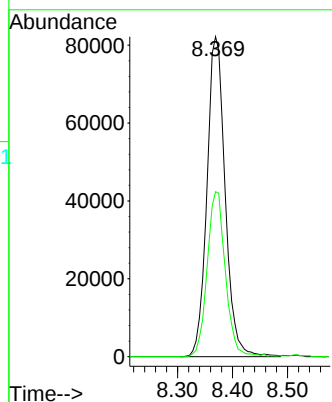
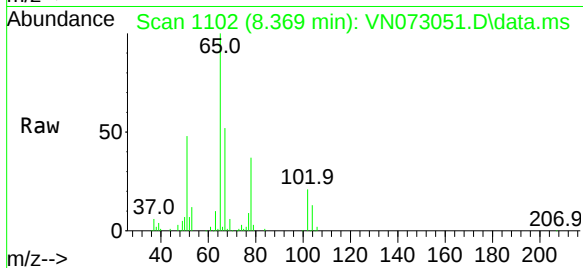
MW-24DL

Tgt Ion: 65 Resp: 188877

Ion Ratio Lower Upper

65 100

67 51.7 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN073051.D

Acq: 23 Jun 2022 16:16

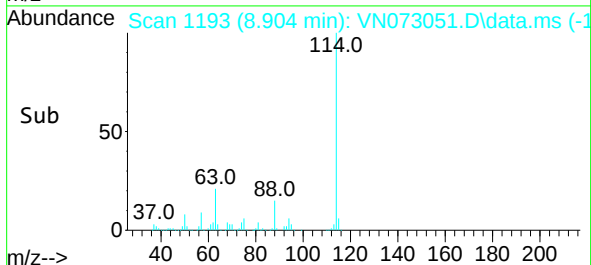
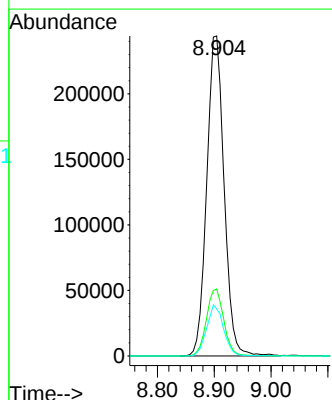
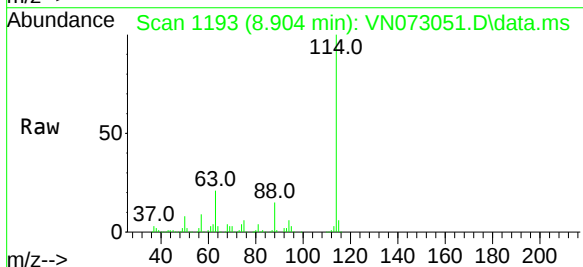
Tgt Ion: 114 Resp: 517221

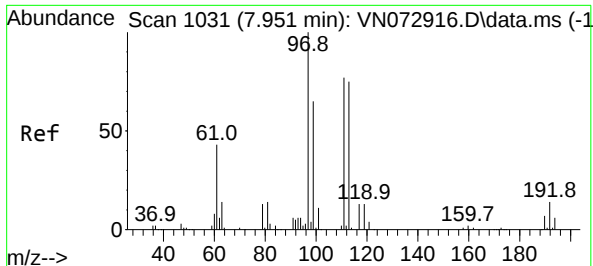
Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.0

88 14.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.546 ug/l

RT: 7.951 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VN073051.D

Acq: 23 Jun 2022 16:16

Instrument :

MSVOA_N

ClientSampleId :

MW-24DL

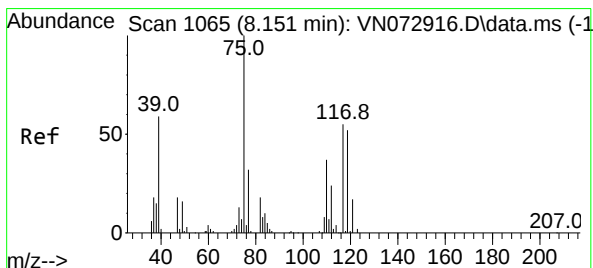
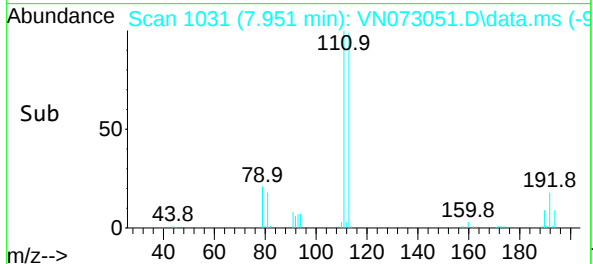
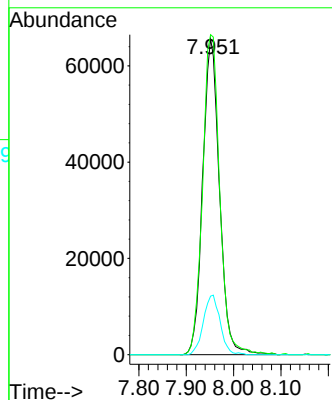
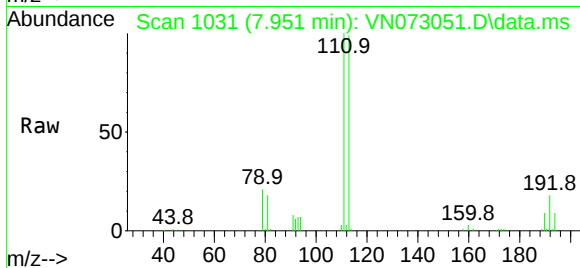
Tgt Ion:113 Resp: 161590

Ion Ratio Lower Upper

113 100

111 103.7 81.4 122.0

192 18.9 17.0 25.6



#36

1,1-Dichloropropene

Concen: 5.961 ug/l

RT: 8.010 min Scan# 1041

Delta R.T. -0.141 min

Lab File: VN073051.D

Acq: 23 Jun 2022 16:16

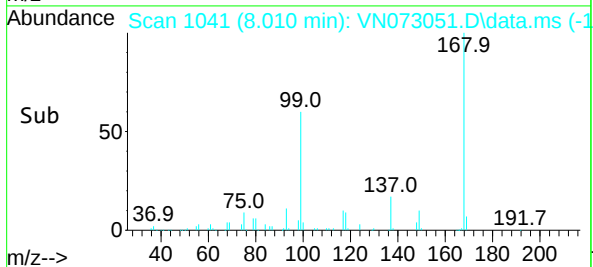
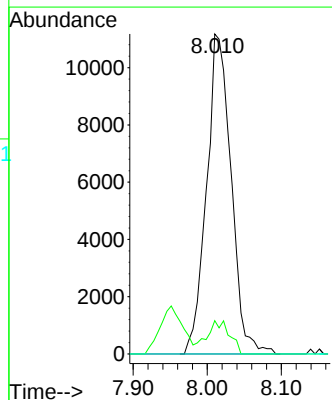
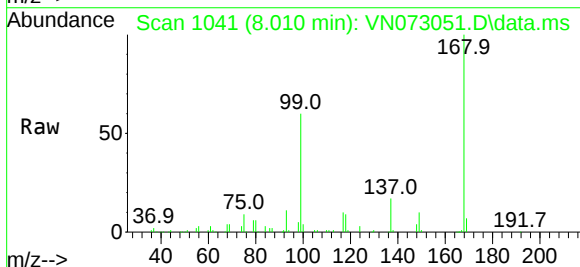
Tgt Ion: 75 Resp: 25788

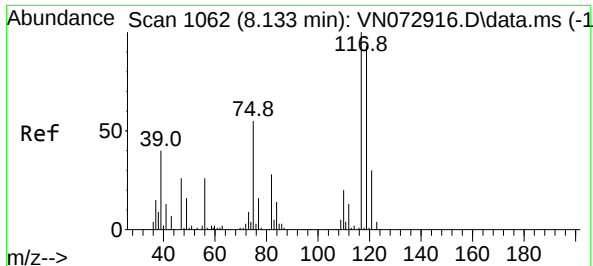
Ion Ratio Lower Upper

75 100

110 9.2 18.3 54.8#

77 0.0 25.1 37.7#

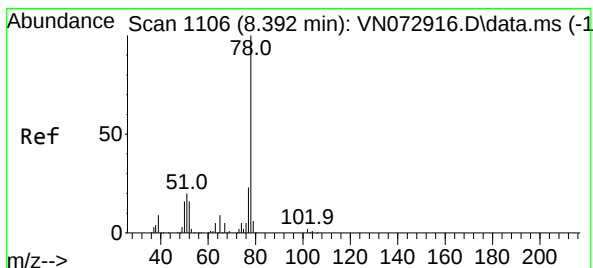
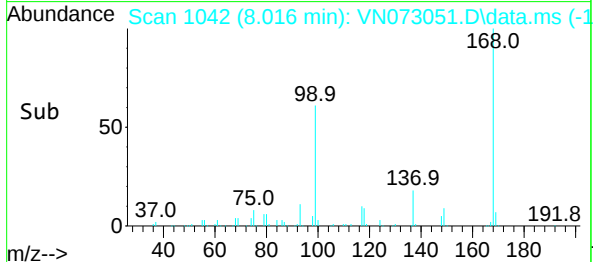
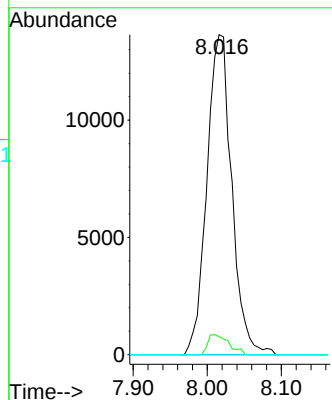
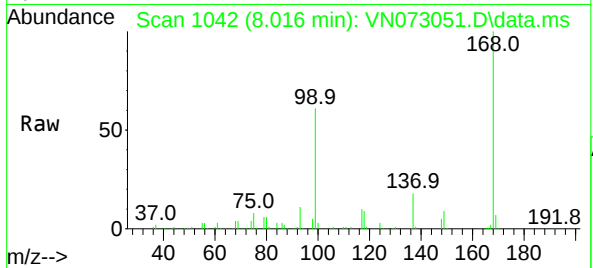




#38
Carbon Tetrachloride
Concen: 6.995 ug/l
RT: 8.016 min Scan# 1105
Delta R.T. -0.117 min
Lab File: VN073051.D
Acq: 23 Jun 2022 16:16

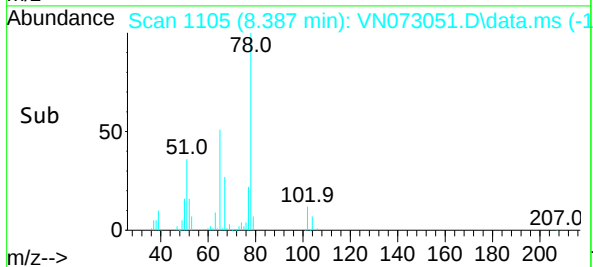
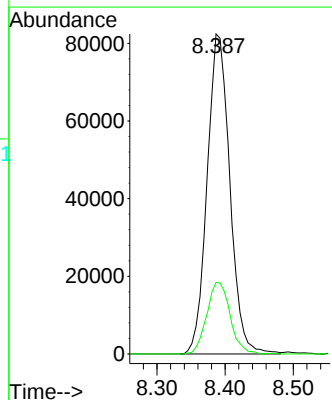
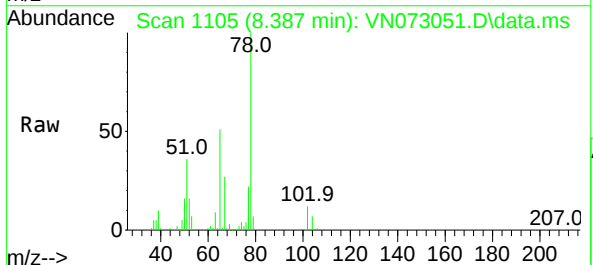
Instrument :
MSVOA_N
ClientSampleId :
MW-24DL

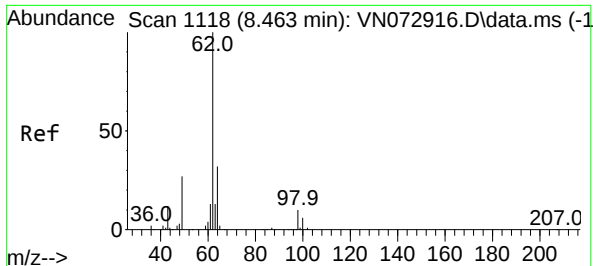
Tgt Ion:117 Resp: 31826
Ion Ratio Lower Upper
117 100
119 5.6 75.8 113.8#
121 0.0 24.6 37.0#



#40
Benzene
Concen: 14.045 ug/l
RT: 8.387 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VN073051.D
Acq: 23 Jun 2022 16:16

Tgt Ion: 78 Resp: 190946
Ion Ratio Lower Upper
78 100
77 22.4 19.4 29.0





#42

1,2-Dichloroethane

Concen: 0.396 ug/l

RT: 8.392 min Scan# 1106

Delta R.T. -0.070 min

Lab File: VN073051.D

Acq: 23 Jun 2022 16:16

Instrument :

MSVOA_N

ClientSampleId :

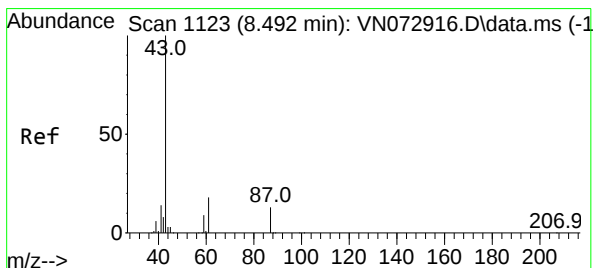
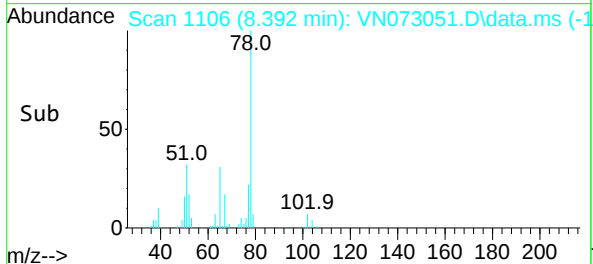
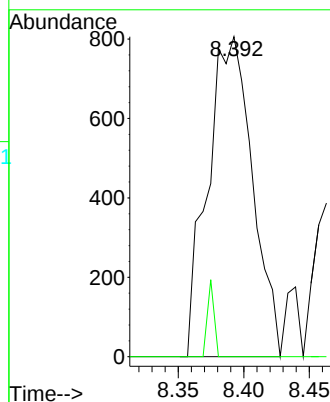
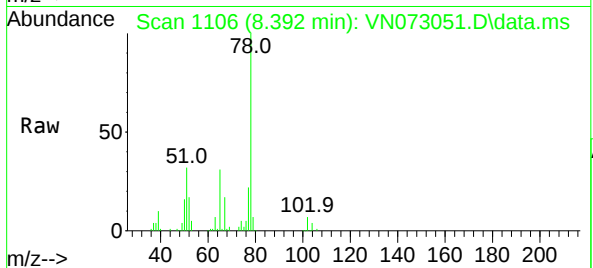
MW-24DL

Tgt Ion: 62 Resp: 1911

Ion Ratio Lower Upper

62 100

98 3.6 0.0 19.4



#43

Isopropyl Acetate

Concen: 1.949 ug/l

RT: 8.728 min Scan# 1163

Delta R.T. 0.235 min

Lab File: VN073051.D

Acq: 23 Jun 2022 16:16

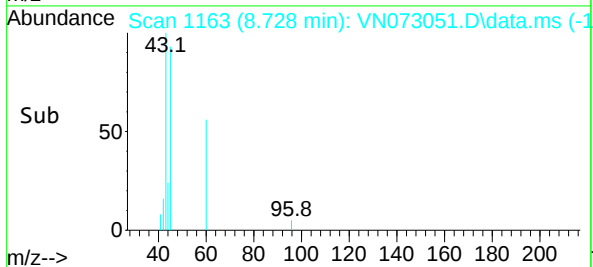
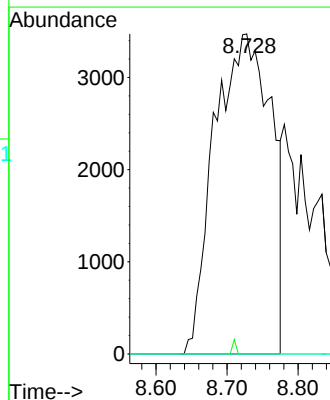
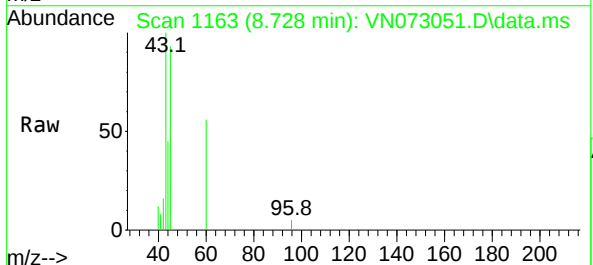
Tgt Ion: 43 Resp: 19273

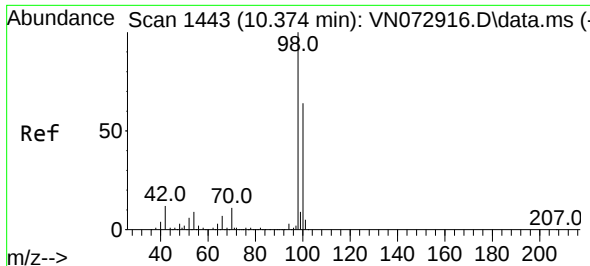
Ion Ratio Lower Upper

43 100

61 0.0 21.9 32.9#

87 0.0 12.0 18.0#

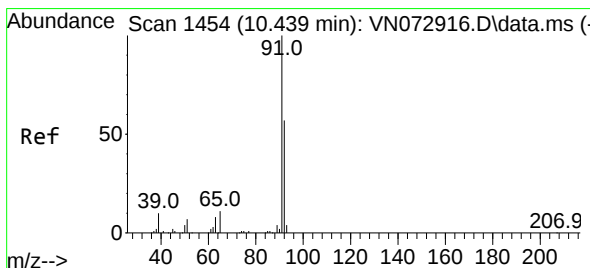
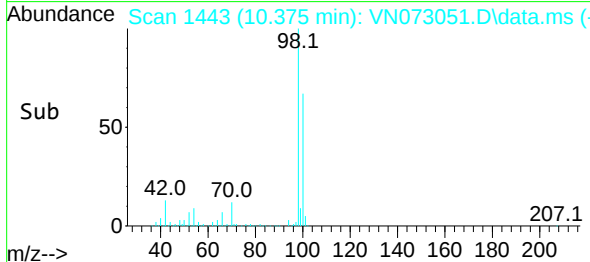
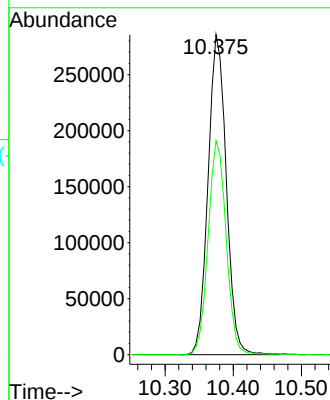
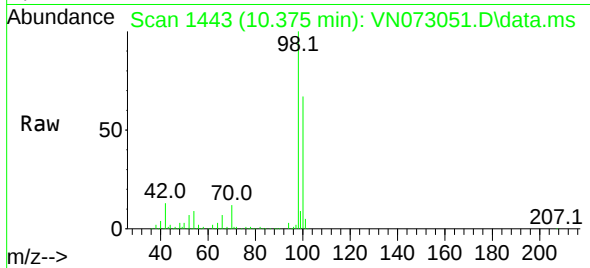




#50
Toluene-d8
Concen: 44.636 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN073051.D
Acq: 23 Jun 2022 16:16

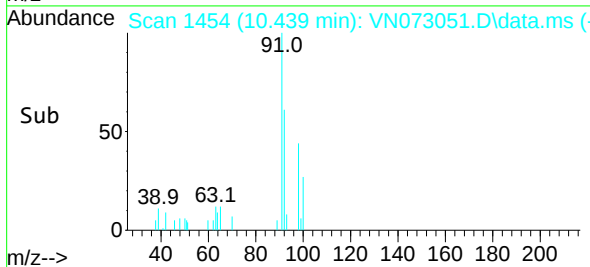
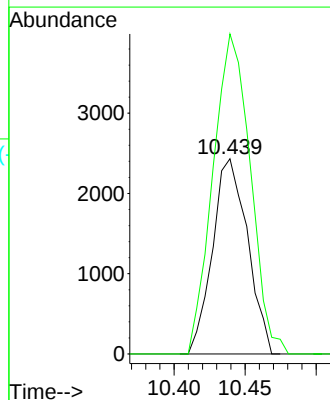
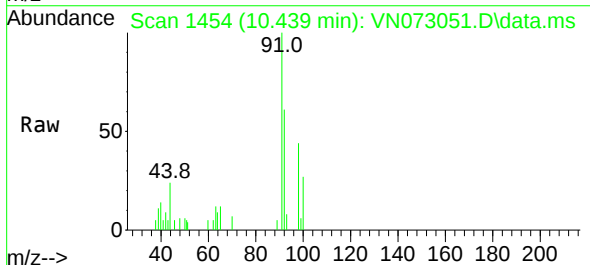
Instrument :
MSVOA_N
ClientSampleId :
MW-24DL

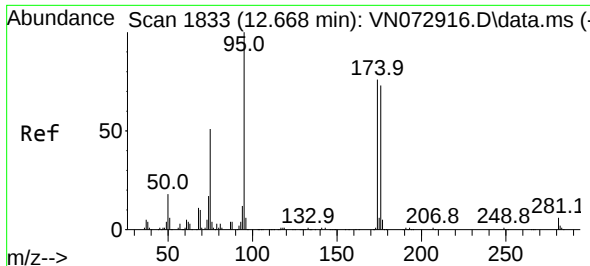
Tgt Ion: 98 Resp: 530977
Ion Ratio Lower Upper
98 100
100 66.3 52.6 78.8



#52
Toluene
Concen: 0.500 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073051.D
Acq: 23 Jun 2022 16:16

Tgt Ion: 92 Resp: 4171
Ion Ratio Lower Upper
92 100
91 174.9 138.6 207.8

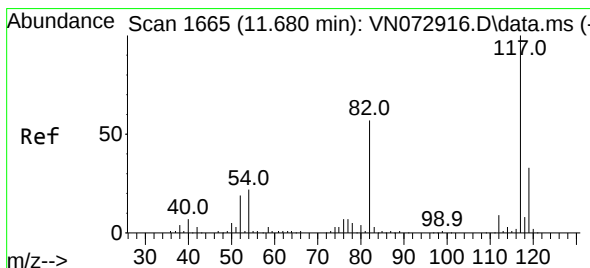
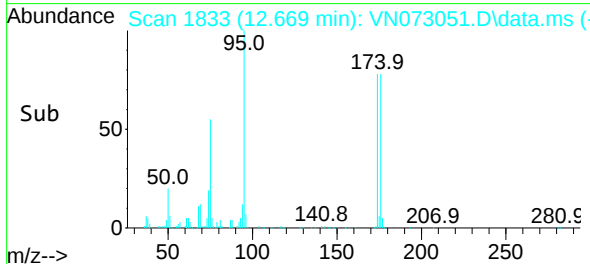
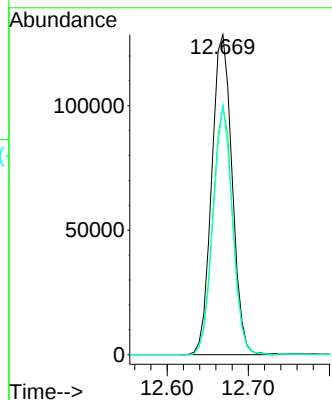
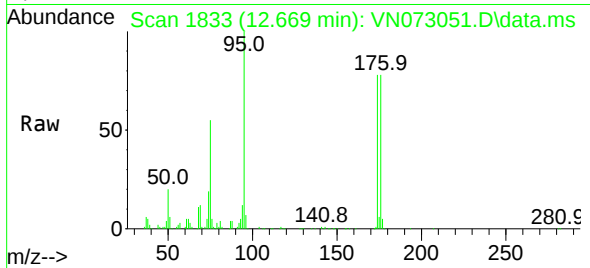




#62
4-Bromofluorobenzene
Concen: 52.425 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073051.D
Acq: 23 Jun 2022 16:16

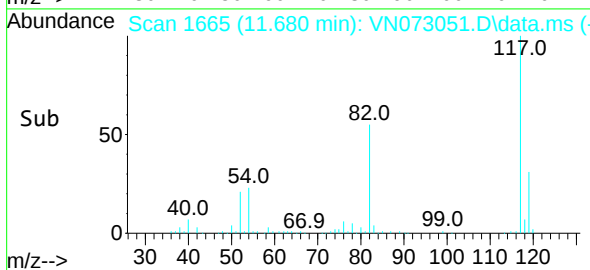
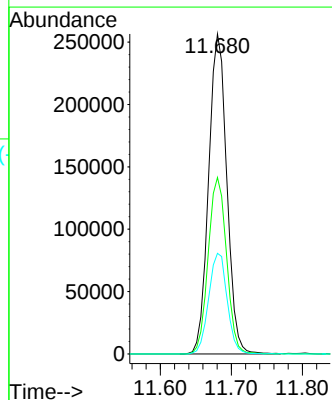
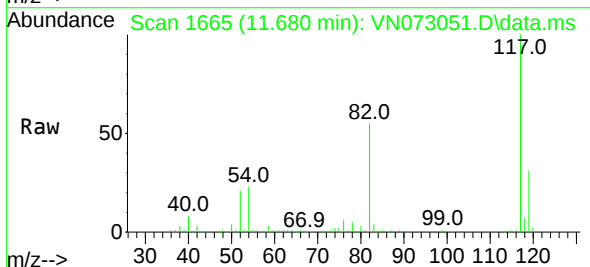
Instrument :
MSVOA_N
ClientSampleId :
MW-24DL

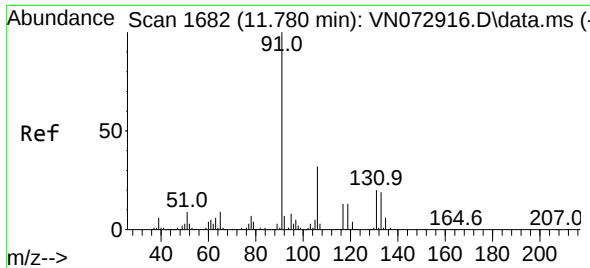
Tgt Ion: 95 Resp: 224249
Ion Ratio Lower Upper
95 100
174 75.9 0.0 167.6
176 73.2 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073051.D
Acq: 23 Jun 2022 16:16

Tgt Ion: 117 Resp: 456519
Ion Ratio Lower Upper
117 100
82 55.1 44.2 66.2
119 31.5 25.4 38.0

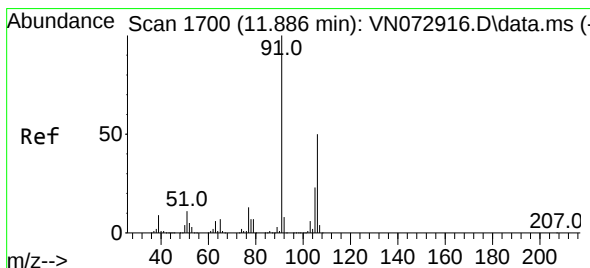
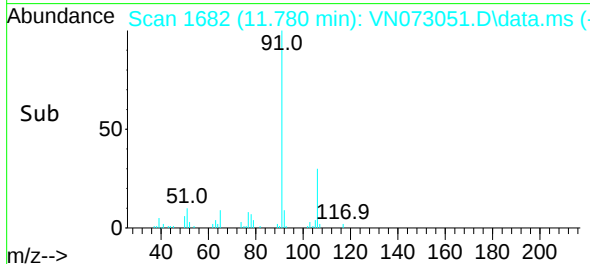
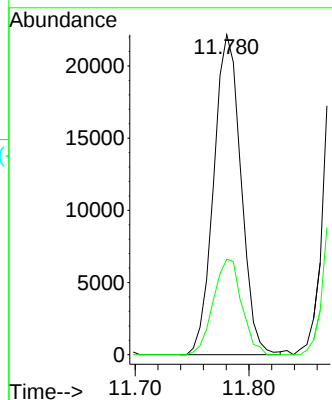
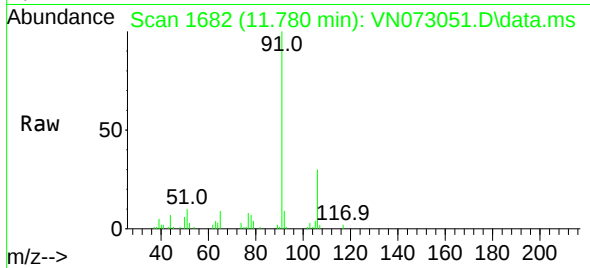




#67
Ethyl Benzene
Concen: 2.356 ug/l
RT: 11.780 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN073051.D
Acq: 23 Jun 2022 16:16

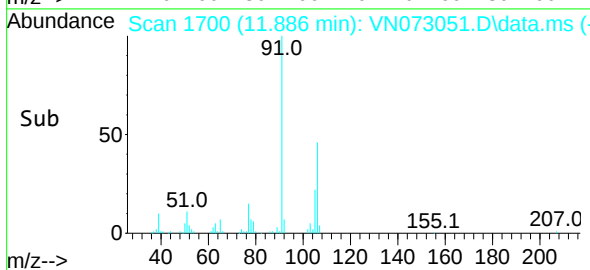
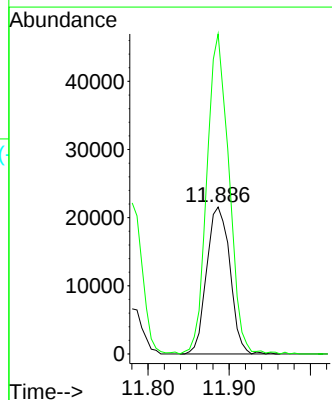
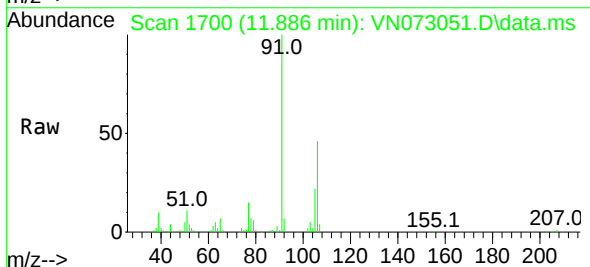
Instrument :
MSVOA_N
ClientSampleId :
MW-24DL

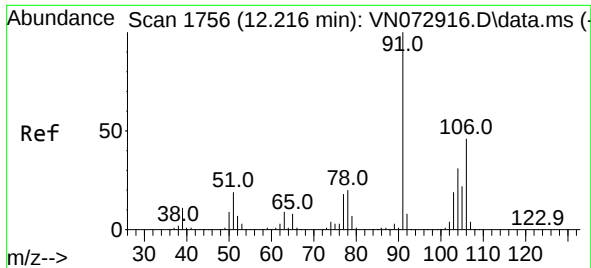
Tgt Ion: 91 Resp: 36973
Ion Ratio Lower Upper
91 100
106 29.9 24.9 37.3



#68
m/p-Xylenes
Concen: 6.977 ug/l
RT: 11.886 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VN073051.D
Acq: 23 Jun 2022 16:16

Tgt Ion: 106 Resp: 42949
Ion Ratio Lower Upper
106 100
91 206.7 158.9 238.3

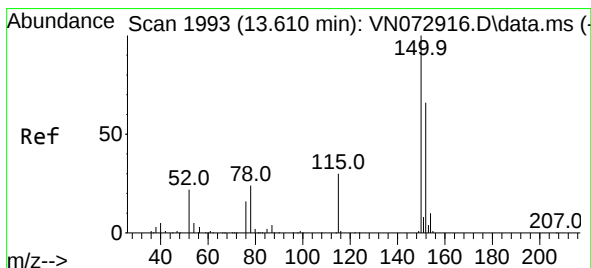
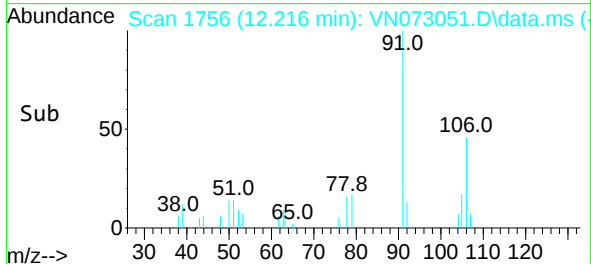
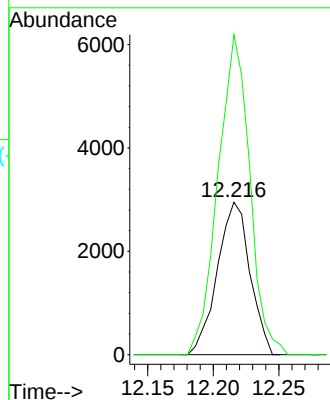
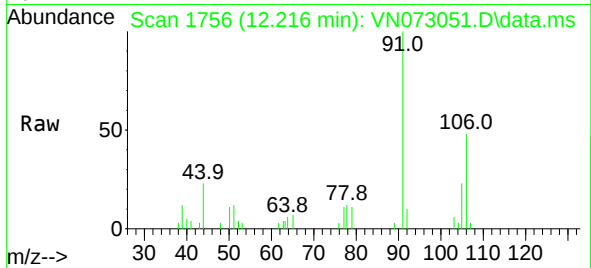




#69
o-Xylene
Concen: 0.832 ug/l
RT: 12.216 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073051.D
Acq: 23 Jun 2022 16:16

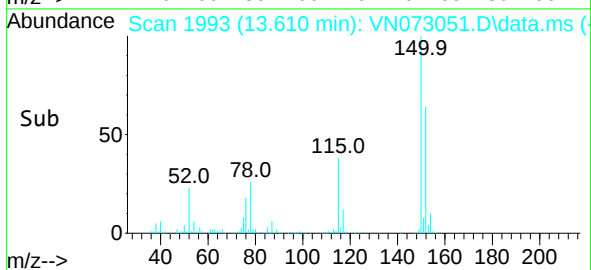
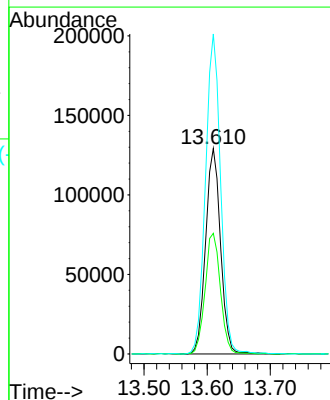
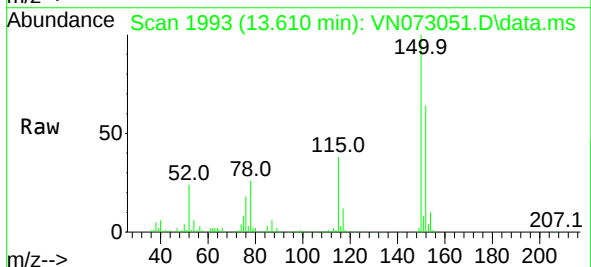
Instrument :
MSVOA_N
ClientSampleId :
MW-24DL

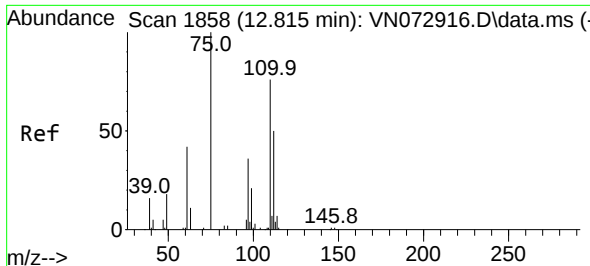
Tgt Ion:106 Resp: 5115
Ion Ratio Lower Upper
106 100
91 203.5 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN073051.D
Acq: 23 Jun 2022 16:16

Tgt Ion:152 Resp: 211829
Ion Ratio Lower Upper
152 100
115 60.3 28.9 86.7
150 157.4 0.0 356.2

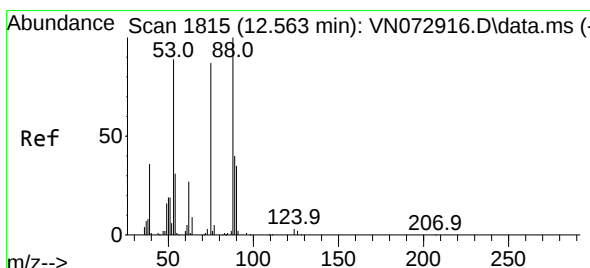
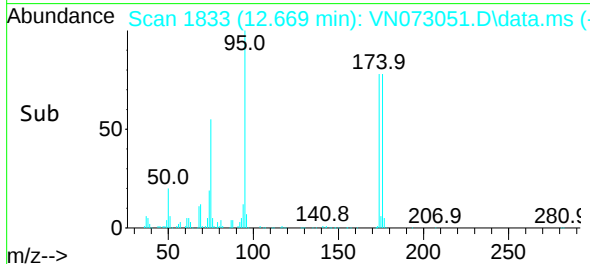
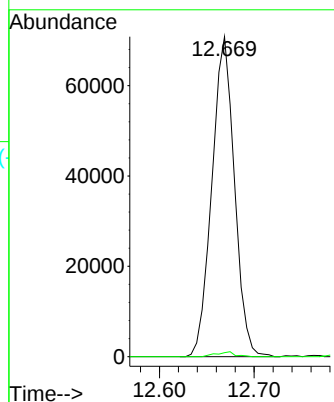
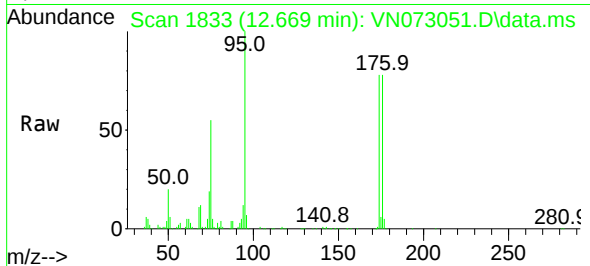




#76
1,2,3-Trichloropropane
Concen: 22.803 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.147 min
Lab File: VN073051.D
Acq: 23 Jun 2022 16:16

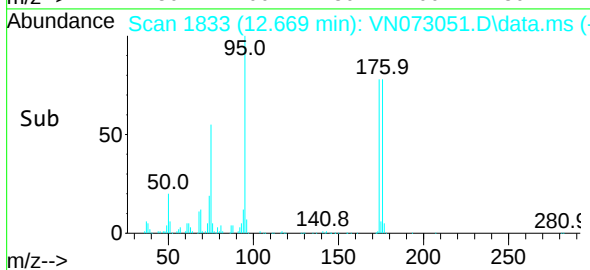
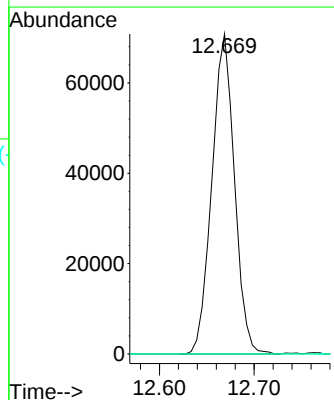
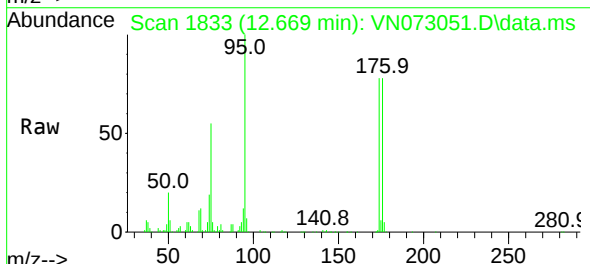
Instrument :
MSVOA_N
ClientSampleId :
MW-24DL

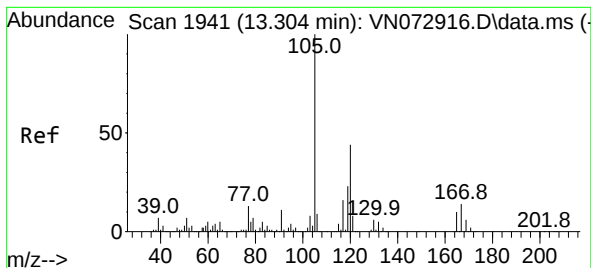
Tgt Ion: 75 Resp: 117113
Ion Ratio Lower Upper
75 100
77 1.3 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.583 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.106 min
Lab File: VN073051.D
Acq: 23 Jun 2022 16:16

Tgt Ion: 75 Resp: 117113
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#





#84

1,2,4-Trimethylbenzene

Concen: 0.453 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. 0.000 min

Lab File: VN073051.D

Acq: 23 Jun 2022 16:16

Instrument :

MSVOA_N

ClientSampleId :

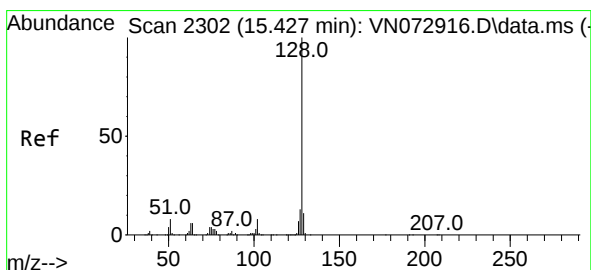
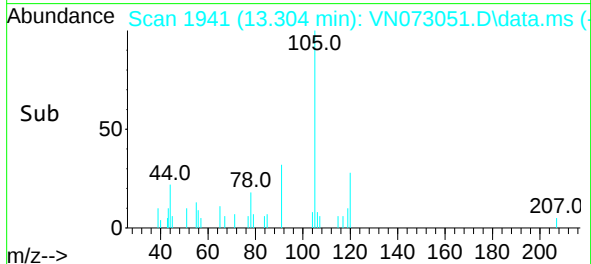
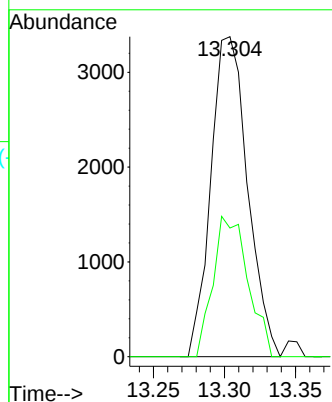
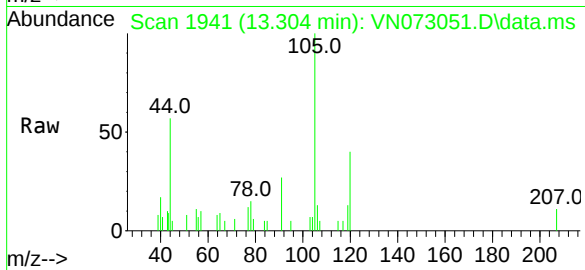
MW-24DL

Tgt Ion:105 Resp: 6076

Ion Ratio Lower Upper

105 100

120 41.5 23.3 69.8



#95

Naphthalene

Concen: 0.372 ug/l

RT: 15.427 min Scan# 2302

Delta R.T. 0.000 min

Lab File: VN073051.D

Acq: 23 Jun 2022 16:16

Tgt Ion:128 Resp: 6088

Ion Ratio Lower Upper

128 100

127 9.7 10.3 15.5#

129 8.1 8.6 13.0#

