

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080522\
 Data File : VN073757.D
 Acq On : 05 Aug 2022 13:02
 Operator : JC\MD
 Sample : N3887-02DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1DL

Quant Time: Aug 07 20:49:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 02:20:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	394873	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	621162	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	579106	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	295190	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	228551	47.494	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.980%
35) Dibromofluoromethane	7.957	113	209573	53.730	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.460%
50) Toluene-d8	10.381	98	702427	45.764	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.520%
62) 4-Bromofluorobenzene	12.674	95	264921	51.385	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.780%

Target Compounds				Qvalue		
3) Chloromethane	2.263	50	1106	Below Cal	#	78
6) Chloroethane	2.987	64	1022	Below Cal	#	42
11) Tert butyl alcohol	5.304	59	4689	4.518	ug/l #	72
13) Acrolein	3.987	56	485	0.471	ug/l #	16
15) Acrylonitrile	5.475	53	699	0.243	ug/l #	77
16) Acetone	4.234	43	4482	1.734	ug/l #	85
18) Methyl Acetate	4.799	43	1594	0.248	ug/l #	58
20) Methylene Chloride	5.016	84	3619	Below Cal	#	92
22) Diisopropyl ether	6.416	45	4408	0.341	ug/l #	86
25) 2-Butanone	7.245	43	1548	0.386	ug/l #	45
26) 2,2-Dichloropropane	7.234	77	2013	0.329	ug/l #	53
29) Tetrahydrofuran	7.640	42	791	0.312	ug/l #	72
31) Cyclohexane	8.022	56	18982	2.650	ug/l #	78
36) 1,1-Dichloropropene	8.010	75	27973	5.032	ug/l #	49
38) Carbon Tetrachloride	8.022	117	35509	6.289	ug/l #	18
39) Methylcyclohexane	9.398	83	3329	0.501	ug/l	90
40) Benzene	8.392	78	325128	18.010	ug/l	99
42) 1,2-Dichloroethane	8.387	62	2992	0.492	ug/l	96
49) 1,4-Dioxane	9.516	88	55	0.451	ug/l #	25
51) 4-Methyl-2-Pentanone	10.275	43	2139	0.302	ug/l #	68
52) Toluene	10.445	92	2781	0.252	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.975	63	61	9.959	ug/l #	44
59) 2-Hexanone	11.022	43	4123	0.767	ug/l	75
67) Ethyl Benzene	11.786	91	4854	0.234	ug/l	96
68) m/p-Xylenes	11.892	106	1607	0.203	ug/l	98
73) Isopropylbenzene	12.522	105	36555	1.692	ug/l	99
76) 1,2,3-Trichloropropane	12.674	75	134447	23.130	ug/l #	1
78) n-propylbenzene	12.863	91	104445	4.296	ug/l	99
79) 2-Chlorotoluene	12.863	91	104445	6.883	ug/l #	40
81) trans-1,4-Dichloro-2-b...	12.674	75	134447	59.024	ug/l #	10
82) 4-Chlorotoluene	12.863	91	104445	7.262	ug/l #	40
84) 1,2,4-Trimethylbenzene	13.310	105	4933	0.282	ug/l	98
85) sec-Butylbenzene	13.439	105	10024	0.460	ug/l #	53
89) n-Butylbenzene	13.880	91	14904	1.067	ug/l #	78
90) Hexachloroethane	14.157	117	7349	2.158	ug/l #	9
92) 1,2-Dibromo-3-Chloropr...	14.545	75	497	0.297	ug/l #	56

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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

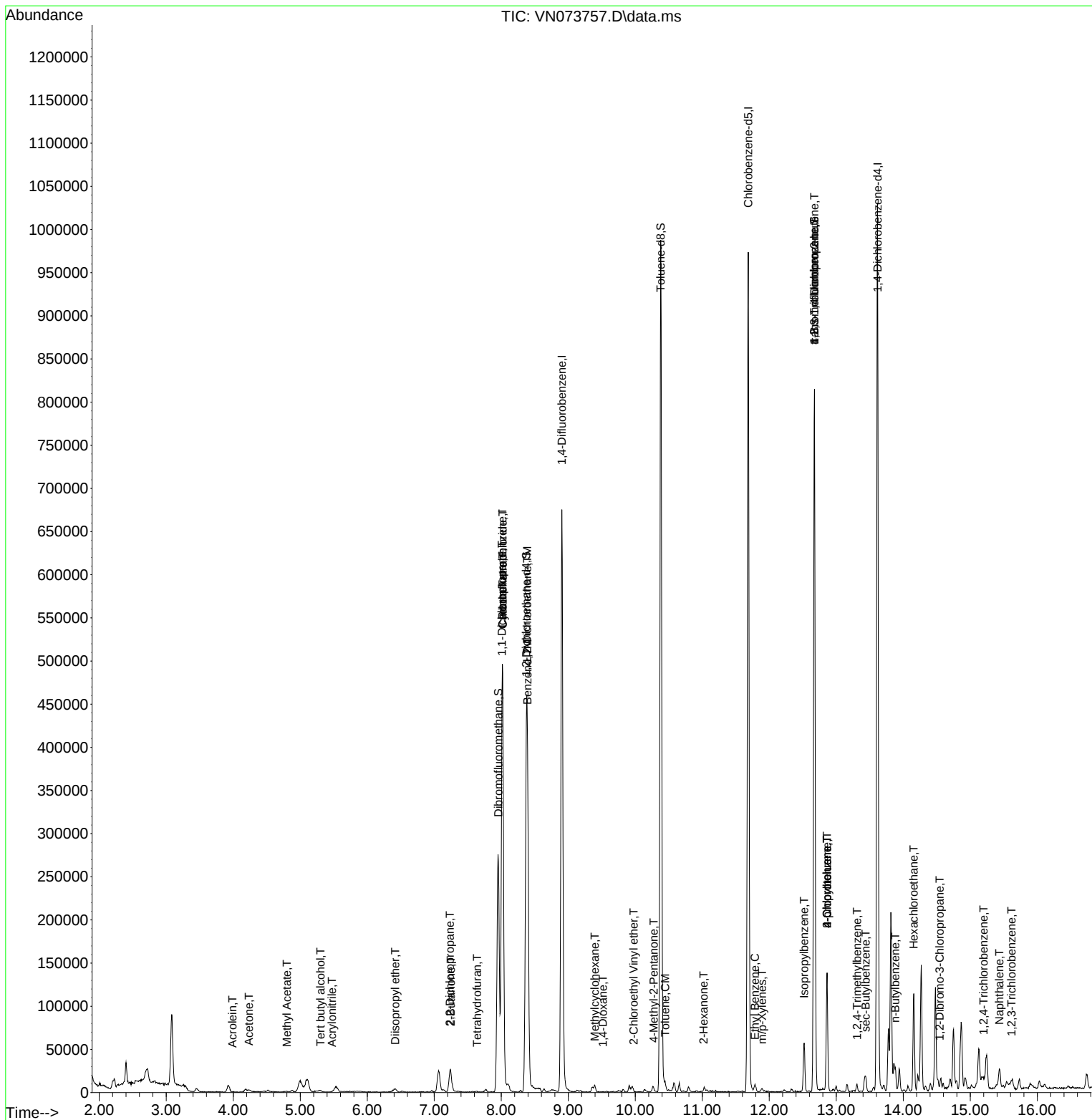
Instrument :
MSVOA_N
ClientSampleId :
MW-1DL

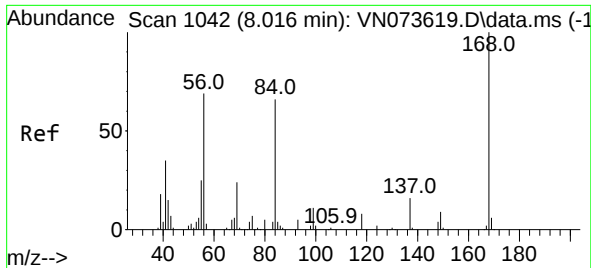
Quant Time: Aug 07 20:49:07 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 29 02:20:25 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.198	180	3315	0.641	ug/l #	57
95) Naphthalene	15.433	128	26739	1.594	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.615	180	3781	0.695	ug/l #	54

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

Quant Time: Aug 07 20:49:07 2022
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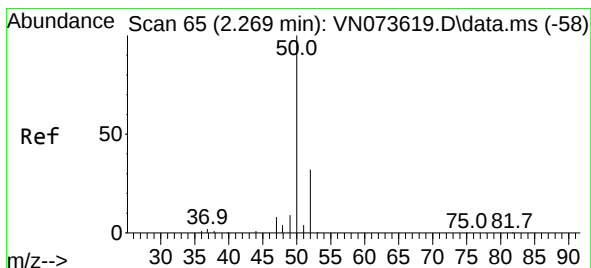
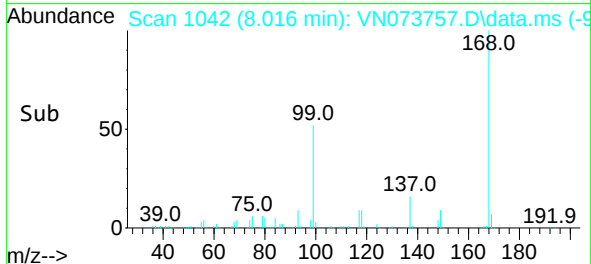
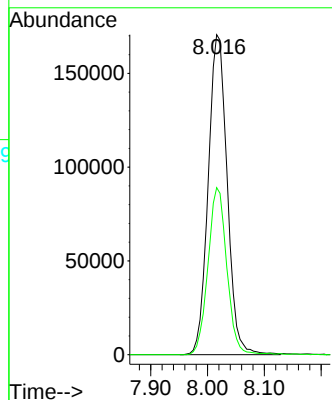
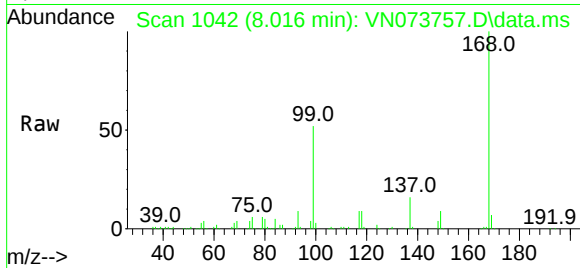




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073757.D
Acq: 05 Aug 2022 13:02

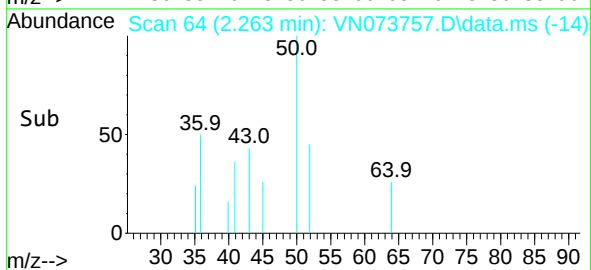
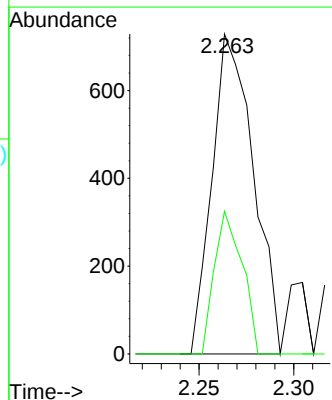
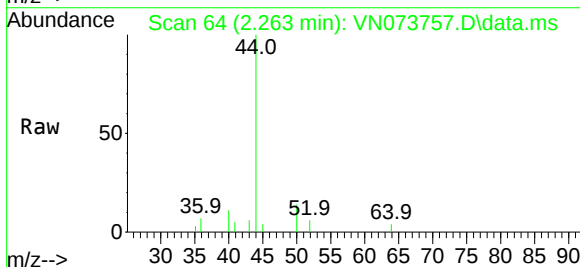
Instrument :
MSVOA_N
ClientSampleId :
MW-1DL

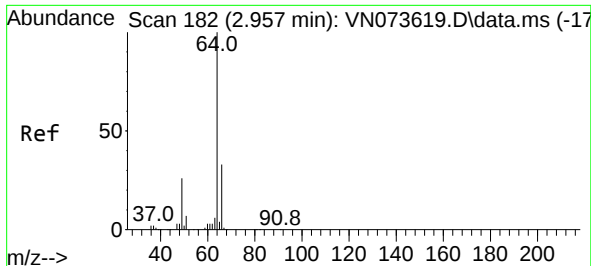
Tgt Ion:168 Resp: 394873
Ion Ratio Lower Upper
168 100
99 52.2 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN073757.D
Acq: 05 Aug 2022 13:02

Tgt Ion: 50 Resp: 1106
Ion Ratio Lower Upper
50 100
52 44.6 25.7 38.5#

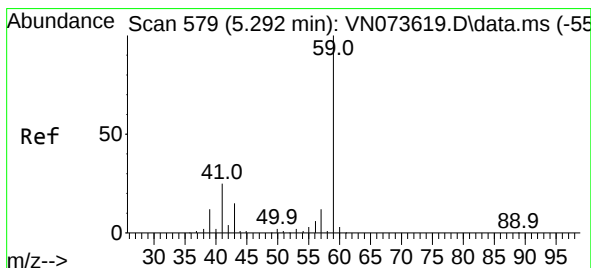
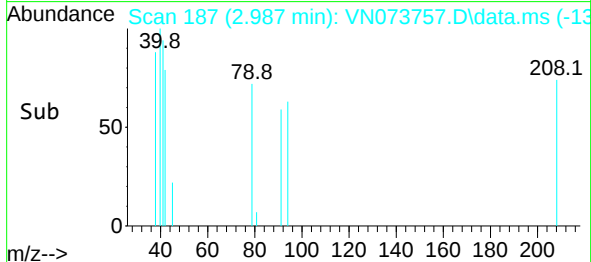
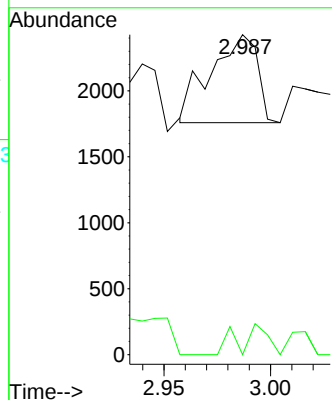
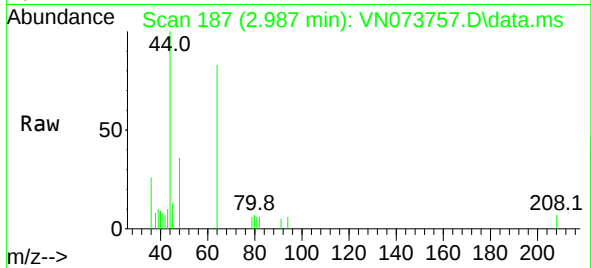




#6
Chloroethane
Concen: Below Cal
RT: 2.987 min Scan# 11
Delta R.T. 0.030 min
Lab File: VN073757.D
Acq: 05 Aug 2022 13:02

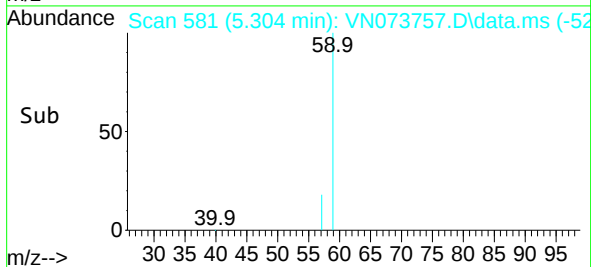
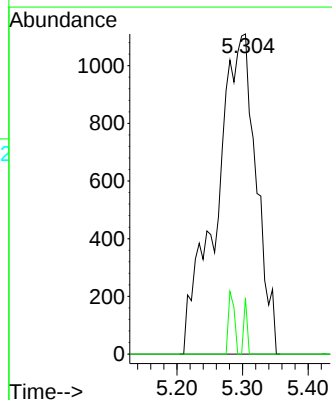
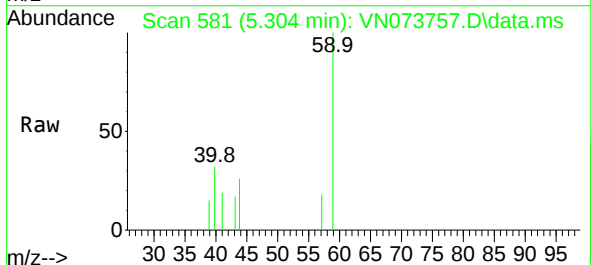
Instrument :
MSVOA_N
ClientSampleId :
MW-1DL

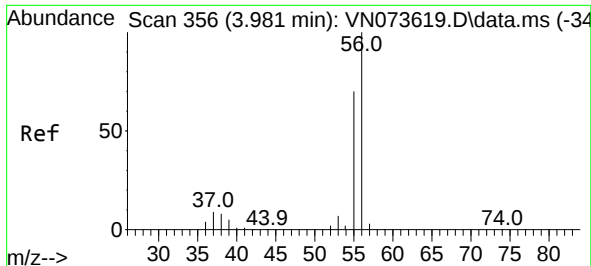
Tgt Ion: 64 Resp: 1022
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: 4.518 ug/l
RT: 5.304 min Scan# 581
Delta R.T. 0.012 min
Lab File: VN073757.D
Acq: 05 Aug 2022 13:02

Tgt Ion: 59 Resp: 4689
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

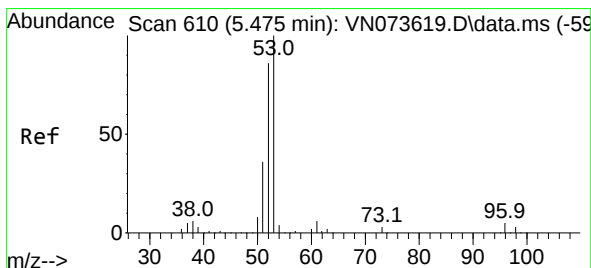
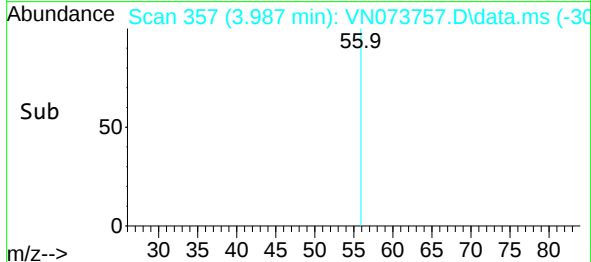
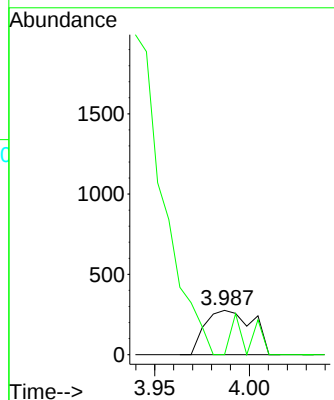
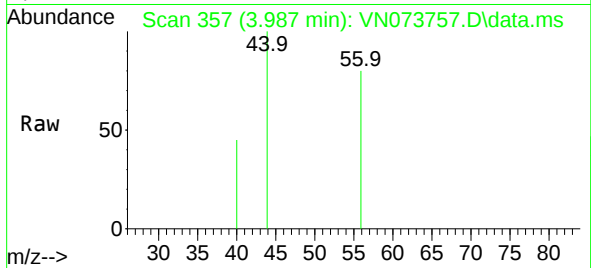




#13
Acrolein
Concen: 0.471 ug/l
RT: 3.987 min Scan# 356
Delta R.T. 0.006 min
Lab File: VN073757.D
Acq: 05 Aug 2022 13:02

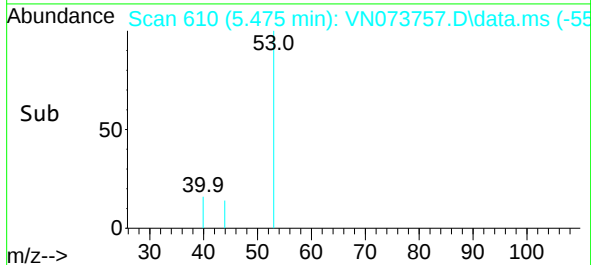
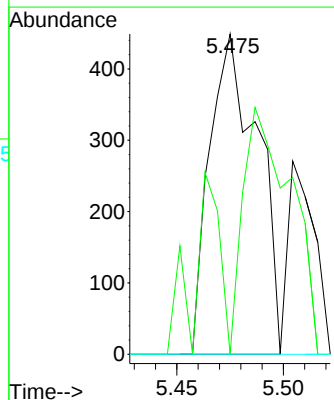
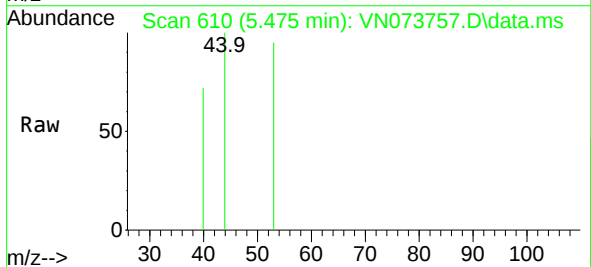
Instrument :
MSVOA_N
ClientSampleId :
MW-1DL

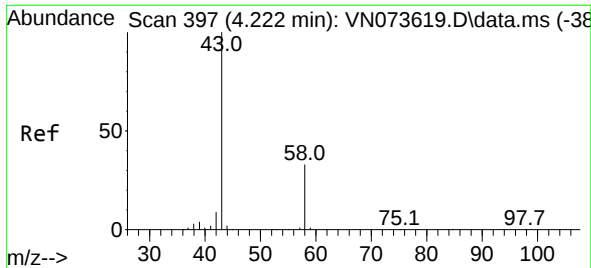
Tgt Ion: 56 Resp: 485
Ion Ratio Lower Upper
56 100
55 0.0 54.8 82.2#



#15
Acrylonitrile
Concen: 0.243 ug/l
RT: 5.475 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN073757.D
Acq: 05 Aug 2022 13:02

Tgt Ion: 53 Resp: 699
Ion Ratio Lower Upper
53 100
52 77.3 66.4 99.6
51 0.0 28.5 42.7#





#16

Acetone

Concen: 1.734 ug/l

RT: 4.234 min Scan# 397

Delta R.T. 0.012 min

Lab File: VN073757.D

Acq: 05 Aug 2022 13:02

Instrument :

MSVOA_N

ClientSampleId :

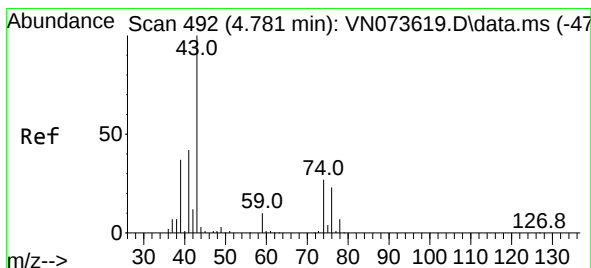
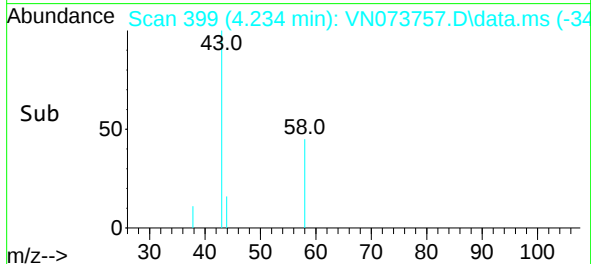
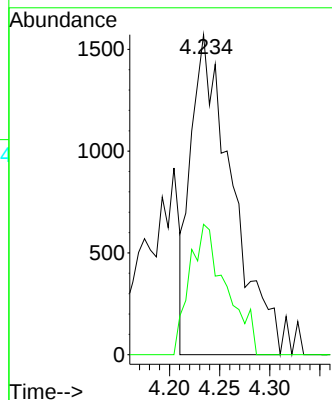
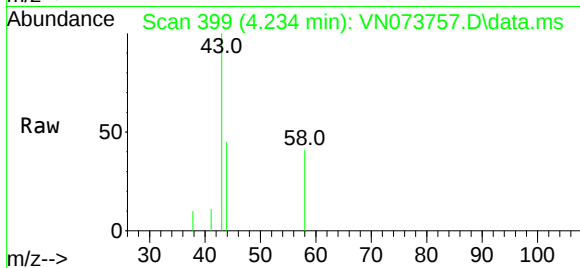
MW-1DL

Tgt Ion: 43 Resp: 4482

Ion Ratio Lower Upper

43 100

58 40.8 26.0 39.0#



#18

Methyl Acetate

Concen: 0.248 ug/l

RT: 4.799 min Scan# 495

Delta R.T. 0.018 min

Lab File: VN073757.D

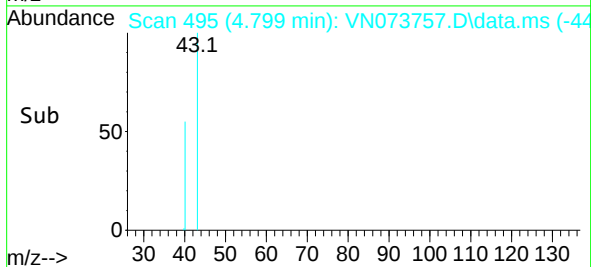
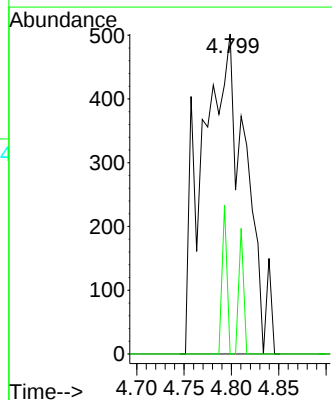
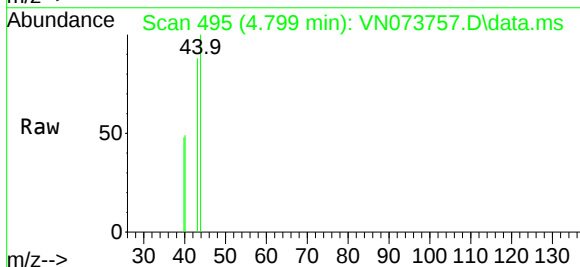
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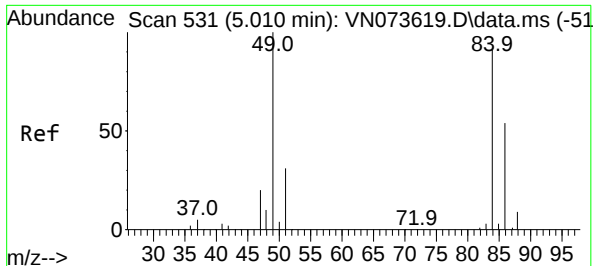
Tgt Ion: 43 Resp: 1594

Ion Ratio Lower Upper

43 100

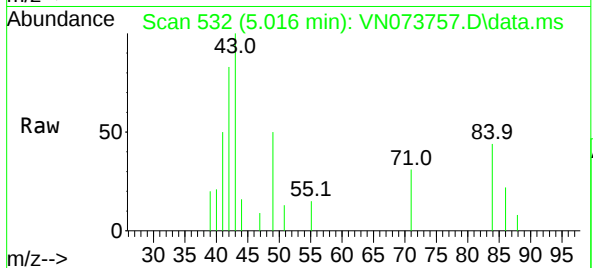
74 5.1 21.6 32.4#



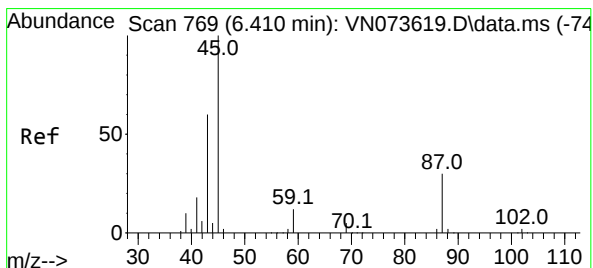
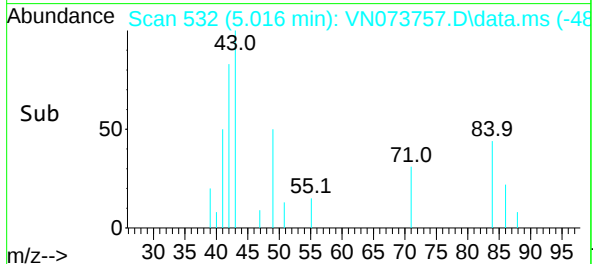
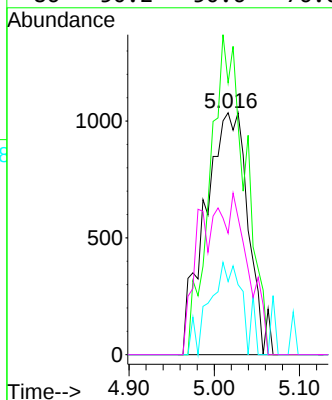


#20
Methylene Chloride
Concen: Below Cal
RT: 5.016 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN073757.D
Acq: 05 Aug 2022 13:02

Instrument :
MSVOA_N
ClientSampleId :
MW-1DL

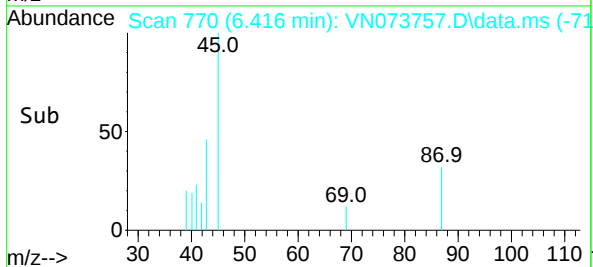
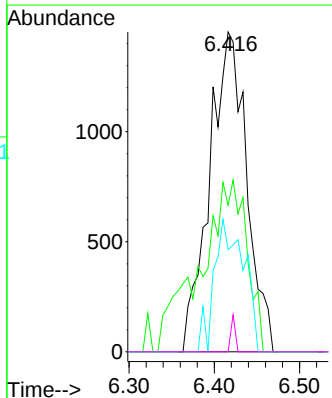
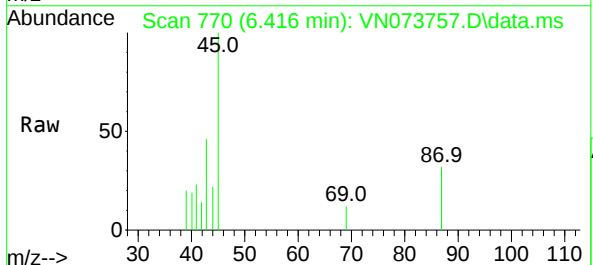


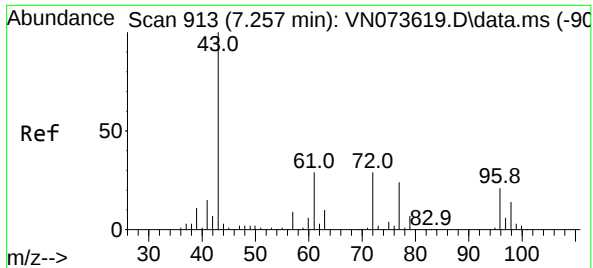
Tgt Ion:	84	Resp:	3619
Ion	Ratio	Lower	Upper
84	100		
49	112.4	88.3	132.5
51	30.2	28.2	42.2
86	50.2	50.6	76.0



#22
Diisopropyl ether
Concen: 0.341 ug/l
RT: 6.416 min Scan# 770
Delta R.T. 0.006 min
Lab File: VN073757.D
Acq: 05 Aug 2022 13:02

Tgt Ion:	45	Resp:	4408
Ion	Ratio	Lower	Upper
45	100		
43	45.8	46.6	70.0
87	32.0	24.3	36.5
59	0.0	9.6	14.4





#25

2-Butanone

Concen: 0.386 ug/l

RT: 7.245 min Scan# 911

Delta R.T. -0.012 min

Lab File: VN073757.D

Acq: 05 Aug 2022 13:02

Instrument :

MSVOA_N

ClientSampleId :

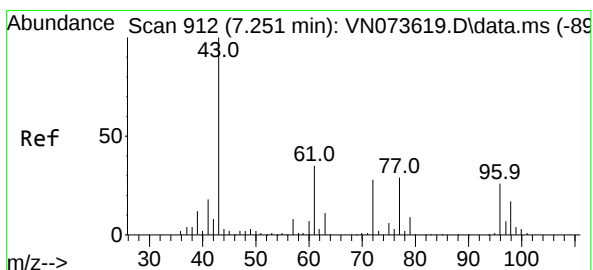
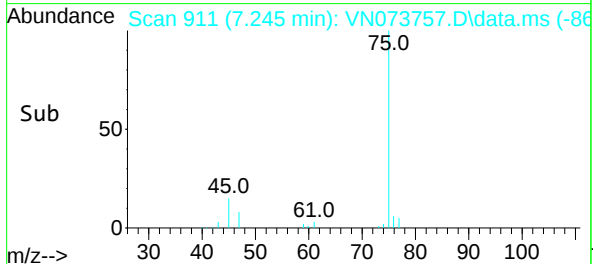
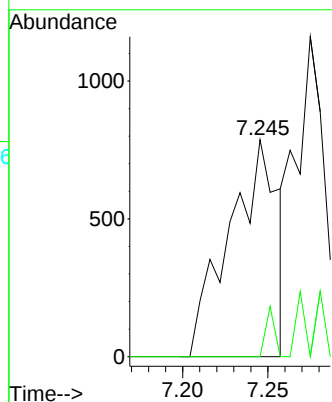
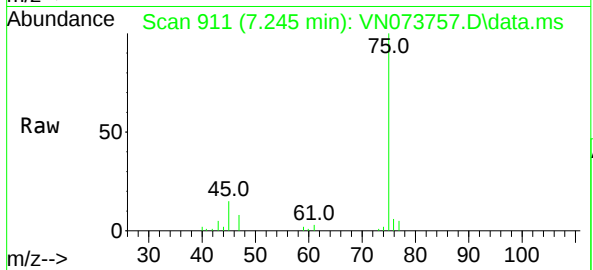
MW-1DL

Tgt Ion: 43 Resp: 1548

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#



#26

2,2-Dichloropropane

Concen: 0.329 ug/l

RT: 7.234 min Scan# 909

Delta R.T. -0.018 min

Lab File: VN073757.D

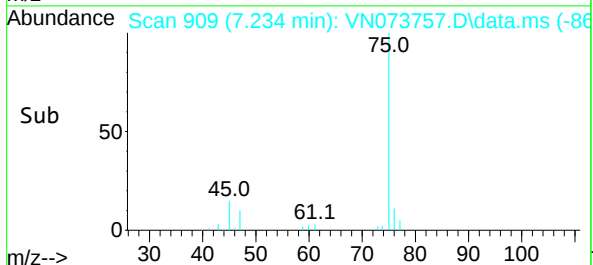
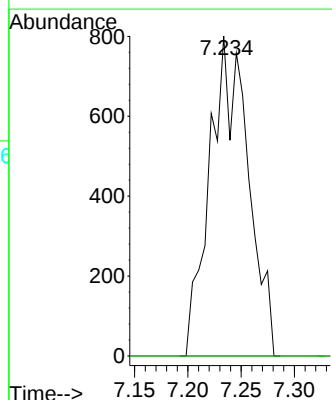
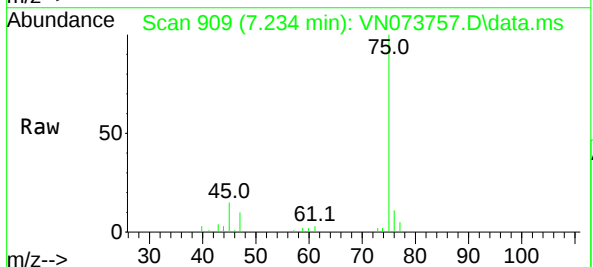
Acq: 05 Aug 2022 13:02

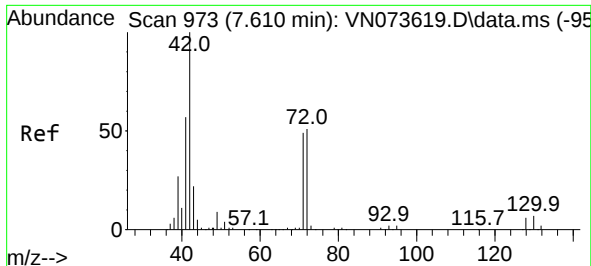
Tgt Ion: 77 Resp: 2013

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.2#





#29

Tetrahydrofuran

Concen: 0.312 ug/l

RT: 7.640 min Scan# 91

Delta R.T. 0.030 min

Lab File: VN073757.D

Acq: 05 Aug 2022 13:02

Instrument :

MSVOA_N

ClientSampleId :

MW-1DL

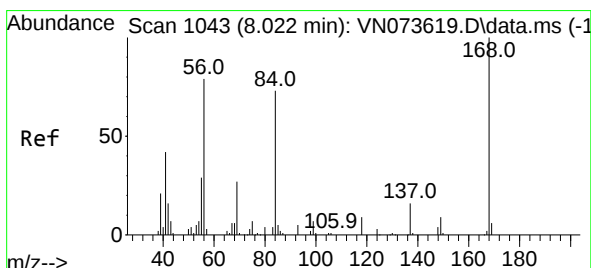
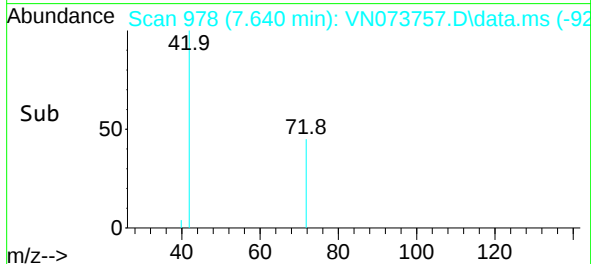
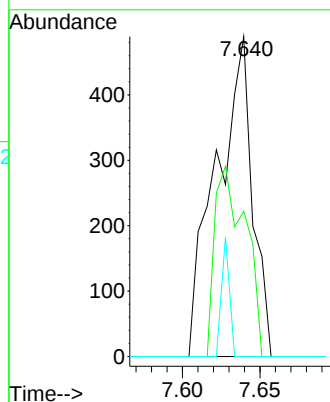
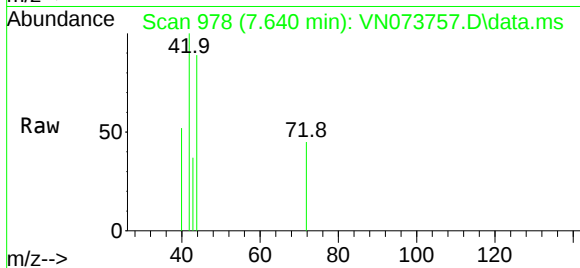
Tgt Ion: 42 Resp: 791

Ion Ratio Lower Upper

42 100

72 50.6 39.7 59.5

71 8.2 36.6 55.0#



#31

Cyclohexane

Concen: 2.650 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VN073757.D

Acq: 05 Aug 2022 13:02

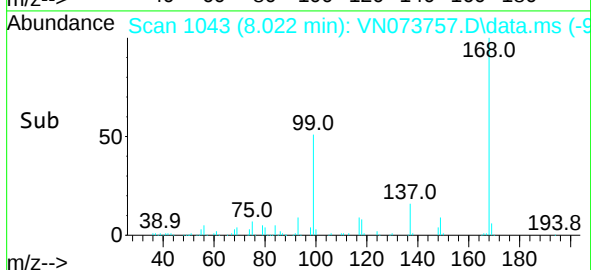
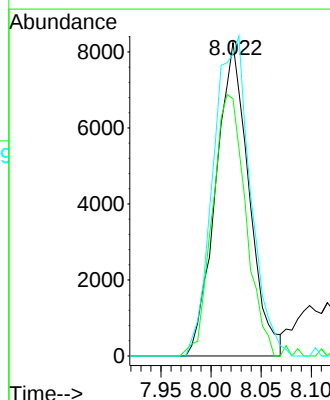
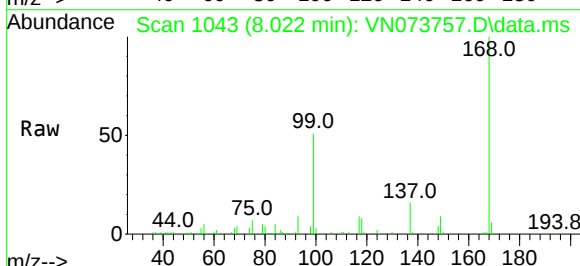
Tgt Ion: 56 Resp: 18982

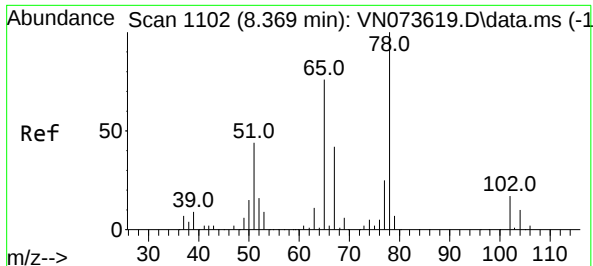
Ion Ratio Lower Upper

56 100

69 82.1 27.8 41.8#

84 96.4 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 47.494 ug/l

RT: 8.375 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VN073757.D

Acq: 05 Aug 2022 13:02

Instrument :

MSVOA_N

ClientSampleId :

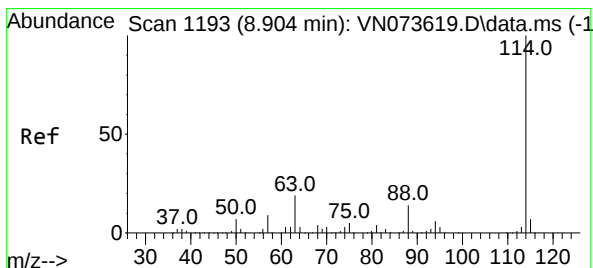
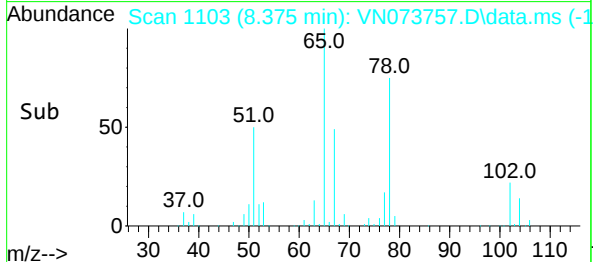
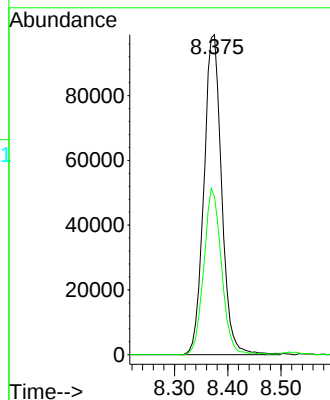
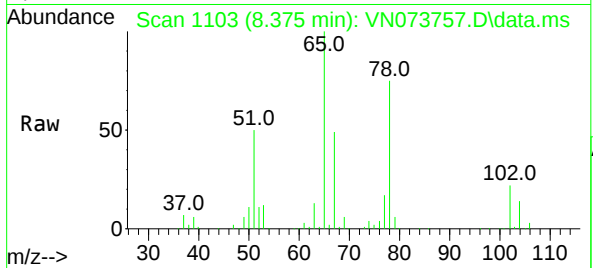
MW-1DL

Tgt Ion: 65 Resp: 228551

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN073757.D

Acq: 05 Aug 2022 13:02

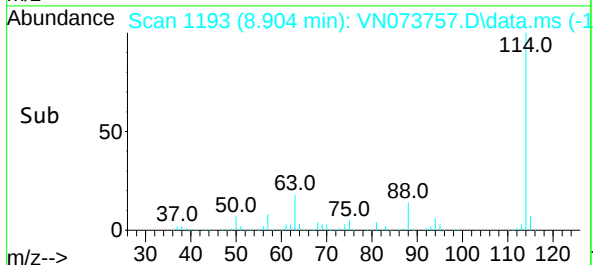
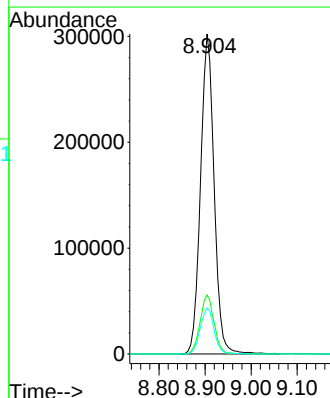
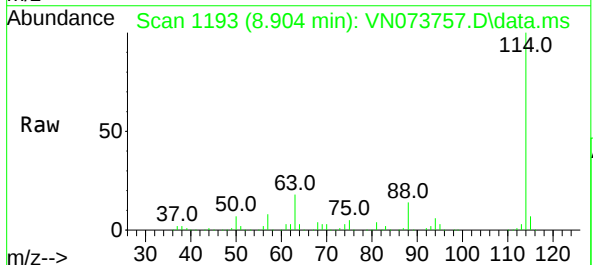
Tgt Ion: 114 Resp: 621162

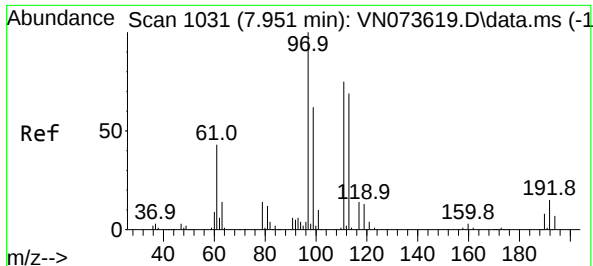
Ion Ratio Lower Upper

114 100

63 18.4 0.0 40.0

88 14.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 53.730 ug/l

RT: 7.957 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN073757.D

Acq: 05 Aug 2022 13:02

Instrument :

MSVOA_N

ClientSampleId :

MW-1DL

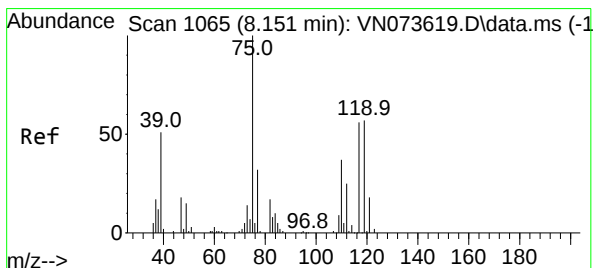
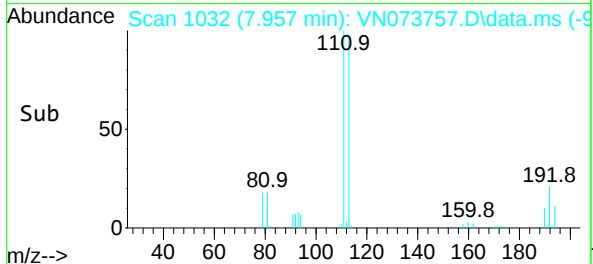
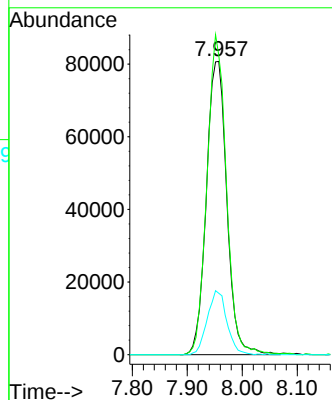
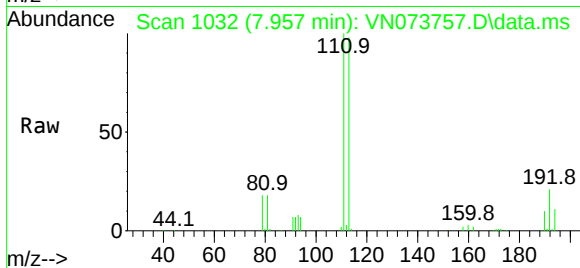
Tgt Ion:113 Resp: 209573

Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.0

192 20.8 17.0 25.6



#36

1,1-Dichloropropene

Concen: 5.032 ug/l

RT: 8.010 min Scan# 1041

Delta R.T. -0.141 min

Lab File: VN073757.D

Acq: 05 Aug 2022 13:02

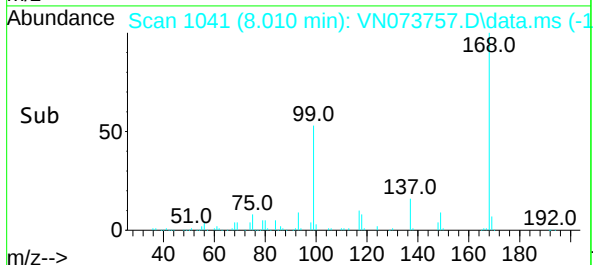
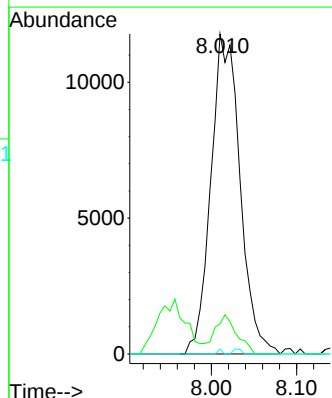
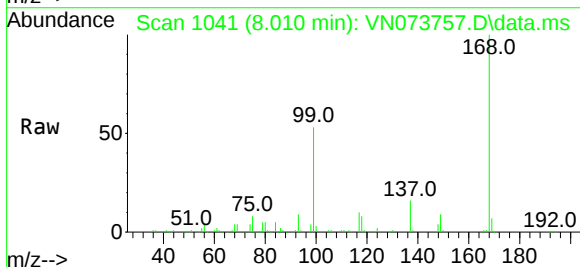
Tgt Ion: 75 Resp: 27973

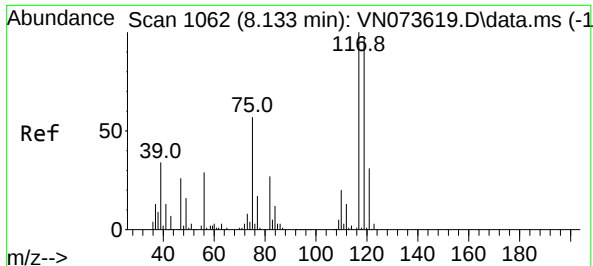
Ion Ratio Lower Upper

75 100

110 9.6 18.3 54.8#

77 0.0 25.1 37.7#

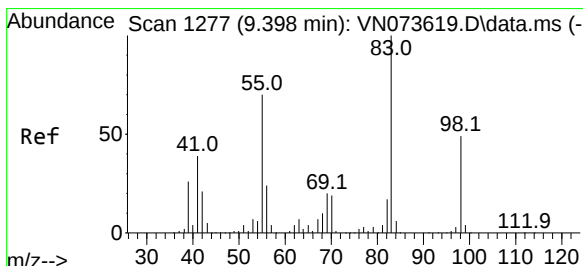
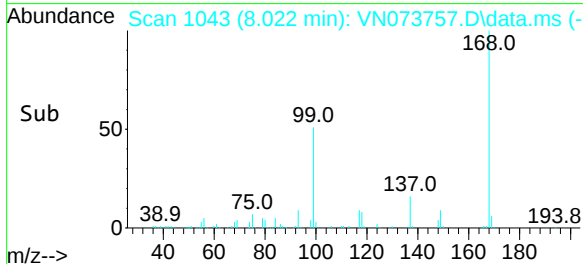
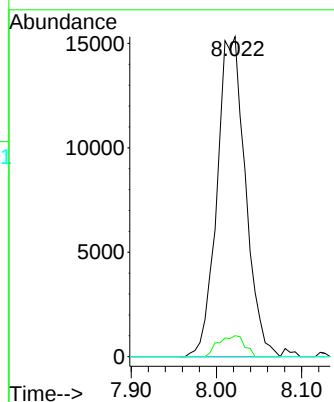
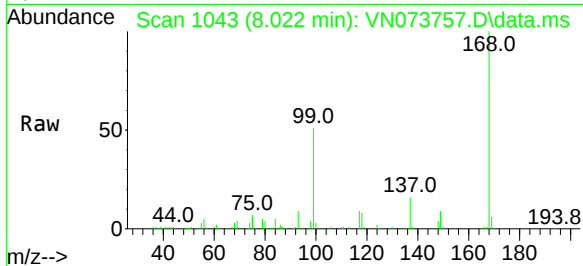




#38
Carbon Tetrachloride
Concen: 6.289 ug/l
RT: 8.022 min Scan# 1062
Delta R.T. -0.112 min
Lab File: VN073757.D
Acq: 05 Aug 2022 13:02

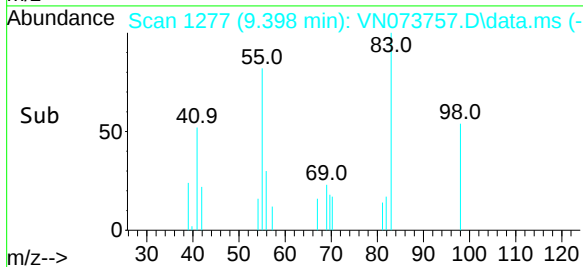
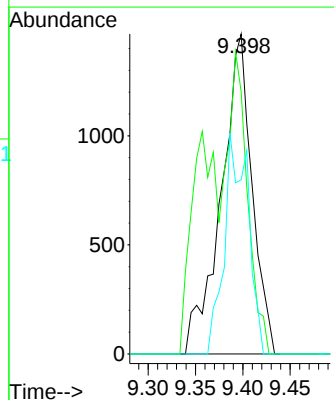
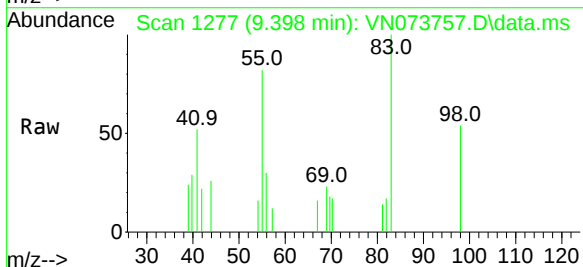
Instrument :
MSVOA_N
ClientSampleId :
MW-1DL

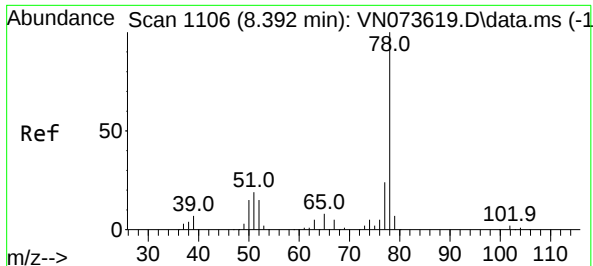
Tgt Ion:117 Resp: 35509
Ion Ratio Lower Upper
117 100
119 6.6 75.8 113.8#
121 0.0 24.6 37.0#



#39
Methylcyclohexane
Concen: 0.501 ug/l
RT: 9.398 min Scan# 1277
Delta R.T. 0.000 min
Lab File: VN073757.D
Acq: 05 Aug 2022 13:02

Tgt Ion: 83 Resp: 3329
Ion Ratio Lower Upper
83 100
55 81.9 57.8 86.8
98 54.4 39.4 59.2

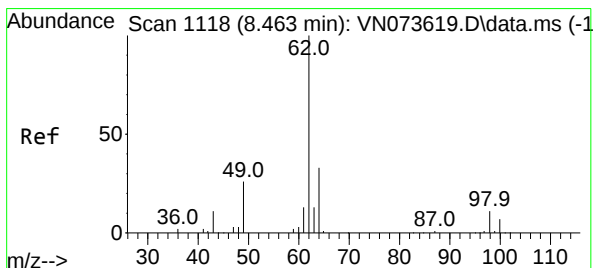
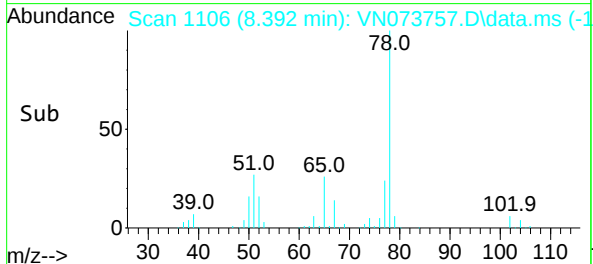
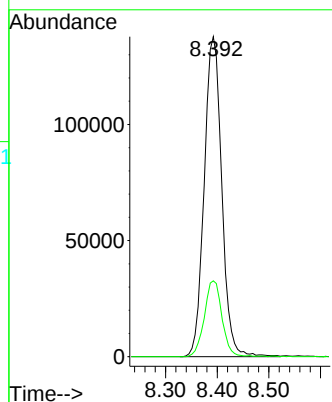
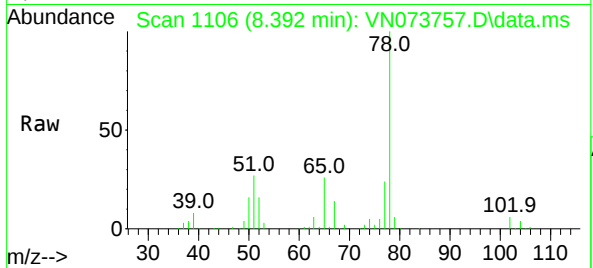




#40
Benzene
Concen: 18.010 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN073757.D
Acq: 05 Aug 2022 13:02

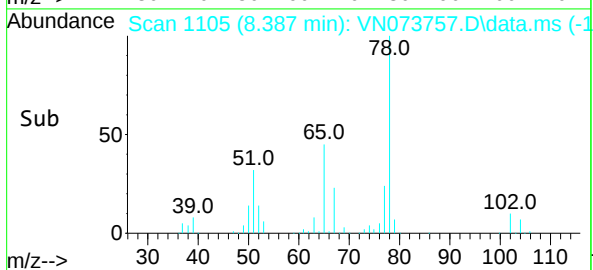
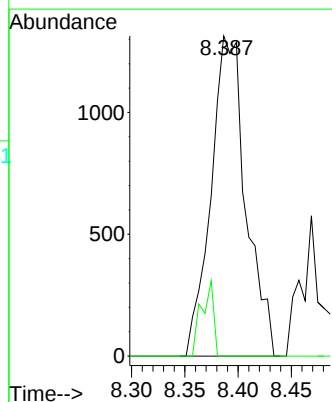
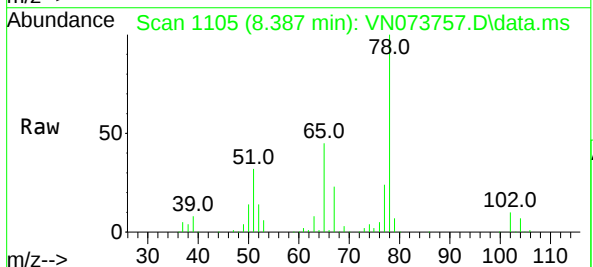
Instrument :
MSVOA_N
ClientSampleId :
MW-1DL

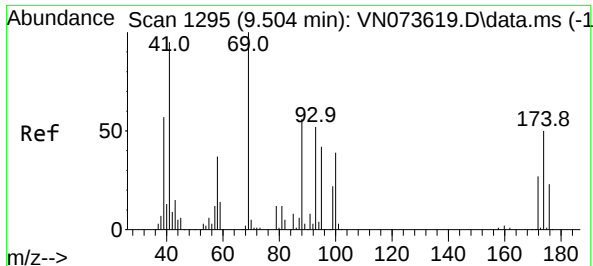
Tgt Ion: 78 Resp: 325128
Ion Ratio Lower Upper
78 100
77 23.7 19.4 29.0



#42
1,2-Dichloroethane
Concen: 0.492 ug/l
RT: 8.387 min Scan# 1105
Delta R.T. -0.076 min
Lab File: VN073757.D
Acq: 05 Aug 2022 13:02

Tgt Ion: 62 Resp: 2992
Ion Ratio Lower Upper
62 100
98 8.2 0.0 19.4

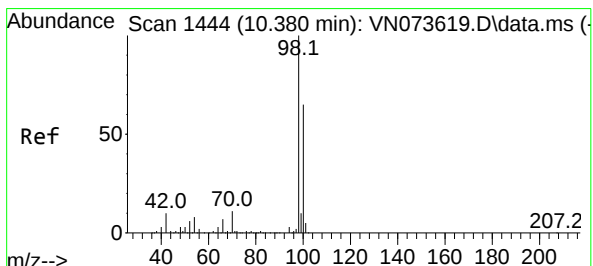
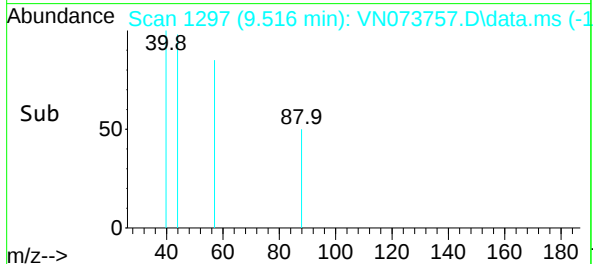
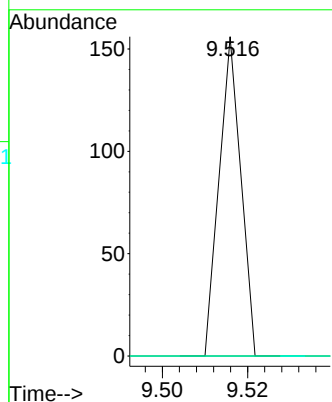
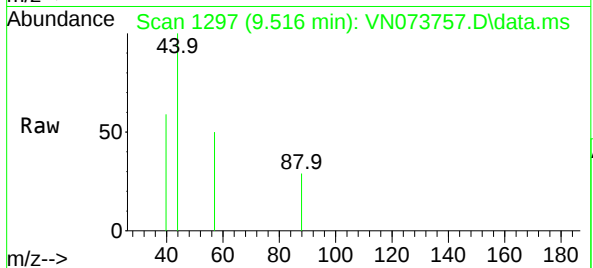




#49
1,4-Dioxane
Concen: 0.451 ug/l
RT: 9.516 min Scan# 1297
Delta R.T. 0.012 min
Lab File: VN073757.D
Acq: 05 Aug 2022 13:02

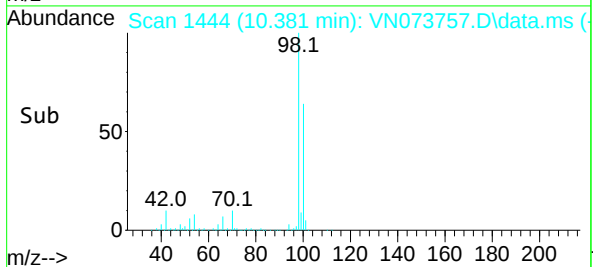
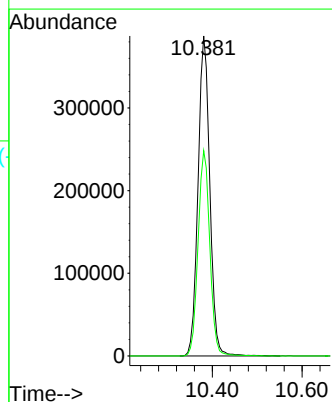
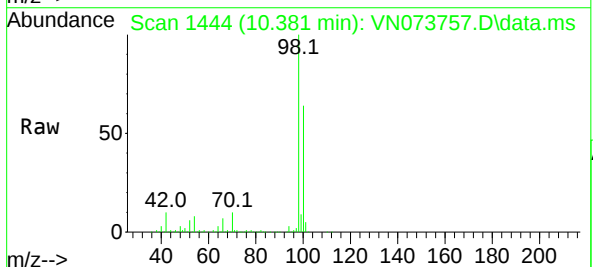
Instrument :
MSVOA_N
ClientSampleId :
MW-1DL

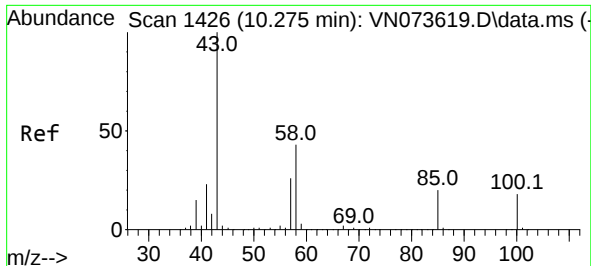
Tgt Ion: 88 Resp: 55
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.4#
58 0.0 54.2 81.4#



#50
Toluene-d8
Concen: 45.764 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073757.D
Acq: 05 Aug 2022 13:02

Tgt Ion: 98 Resp: 702427
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.302 ug/l

RT: 10.275 min Scan# 1426

Delta R.T. -0.000 min

Lab File: VN073757.D

Acq: 05 Aug 2022 13:02

Instrument :

MSVOA_N

ClientSampleId :

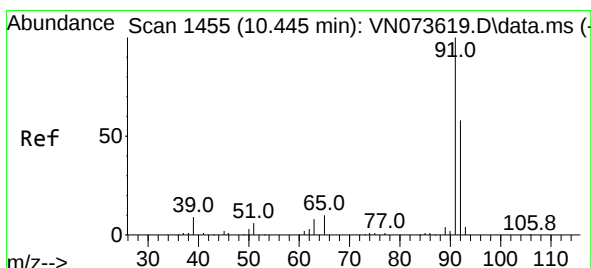
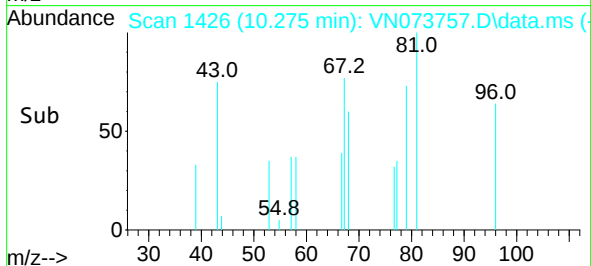
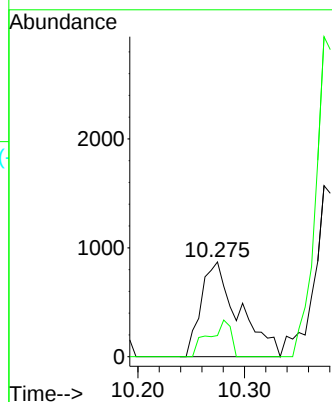
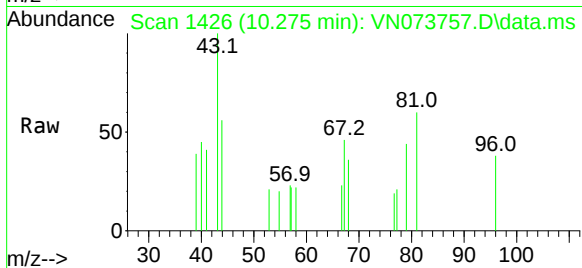
MW-1DL

Tgt Ion: 43 Resp: 2139

Ion Ratio Lower Upper

43 100

58 22.4 34.1 51.1#



#52

Toluene

Concen: 0.252 ug/l

RT: 10.445 min Scan# 1455

Delta R.T. 0.000 min

Lab File: VN073757.D

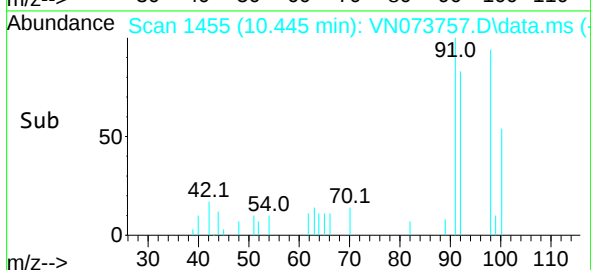
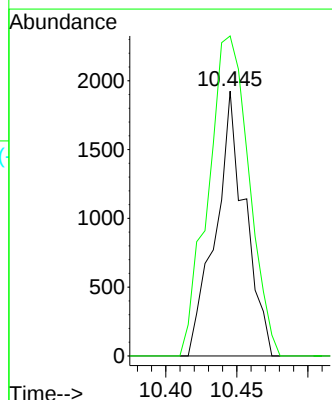
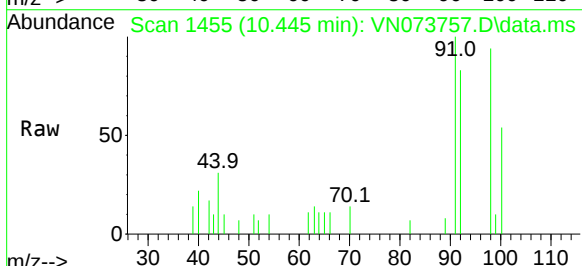
Acq: 05 Aug 2022 13:02

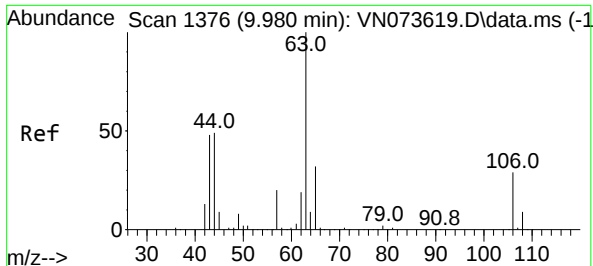
Tgt Ion: 92 Resp: 2781

Ion Ratio Lower Upper

92 100

91 167.1 138.6 207.8

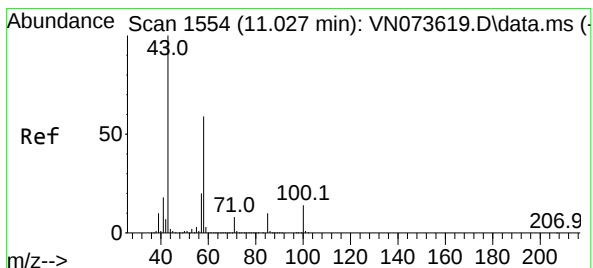
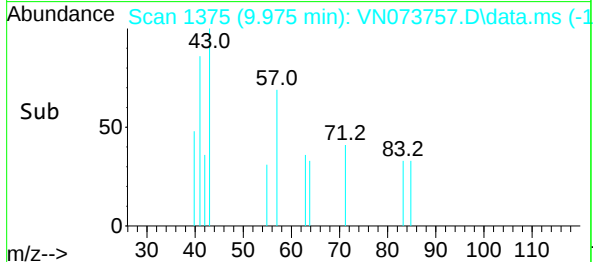
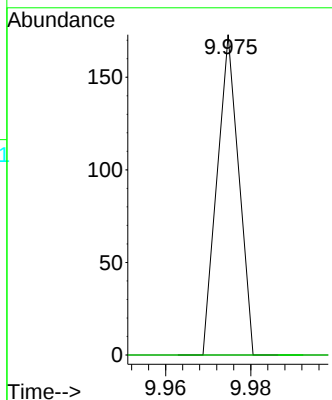
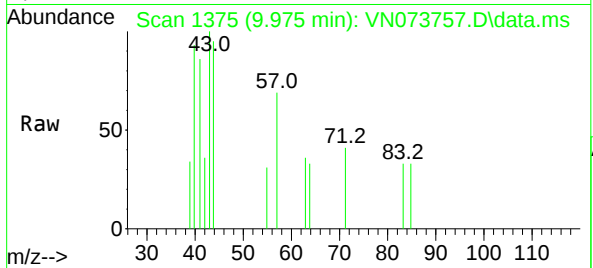




#58
2-Chloroethyl Vinyl ether
Concen: 9.959 ug/l
RT: 9.975 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN073757.D
Acq: 05 Aug 2022 13:02

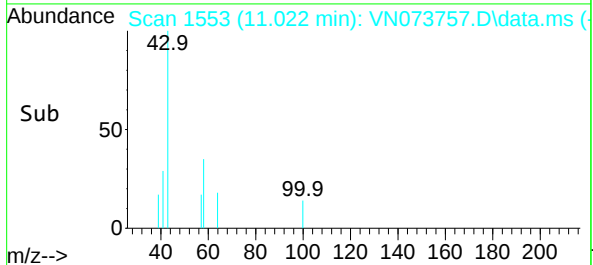
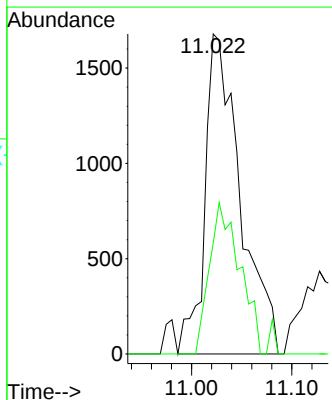
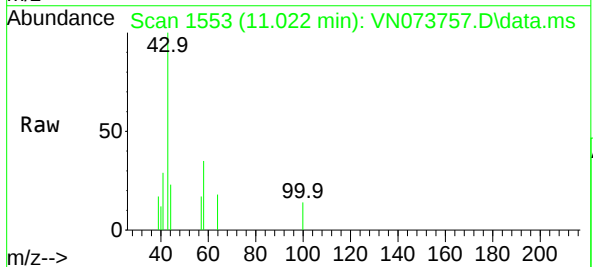
Instrument :
MSVOA_N
ClientSampleId :
MW-1DL

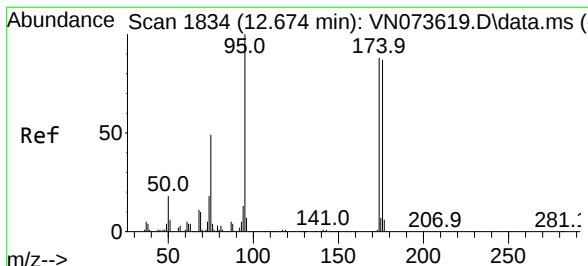
Tgt Ion: 63 Resp: 61
Ion Ratio Lower Upper
63 100
106 0.0 24.6 36.8#



#59
2-Hexanone
Concen: 0.767 ug/l
RT: 11.022 min Scan# 1553
Delta R.T. -0.005 min
Lab File: VN073757.D
Acq: 05 Aug 2022 13:02

Tgt Ion: 43 Resp: 4123
Ion Ratio Lower Upper
43 100
58 40.7 29.7 89.1

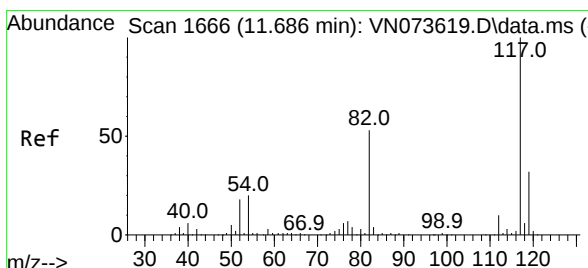
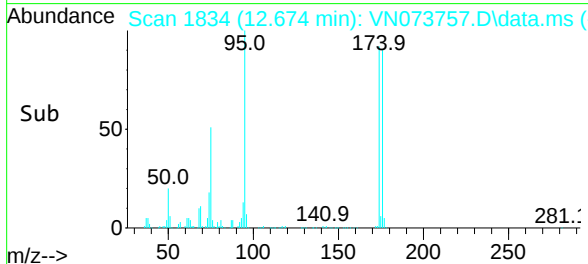
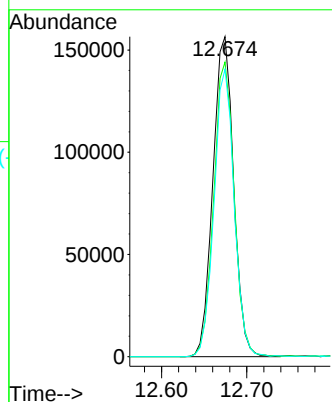
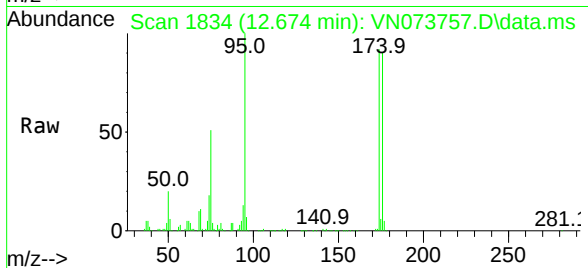




#62
4-Bromofluorobenzene
Concen: 51.385 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073757.D
Acq: 05 Aug 2022 13:02

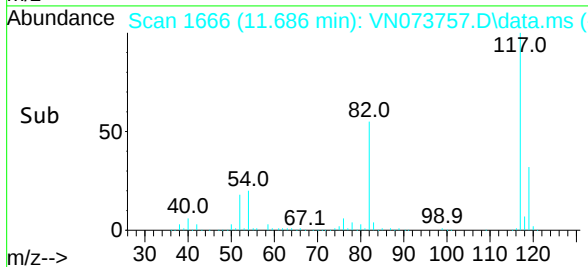
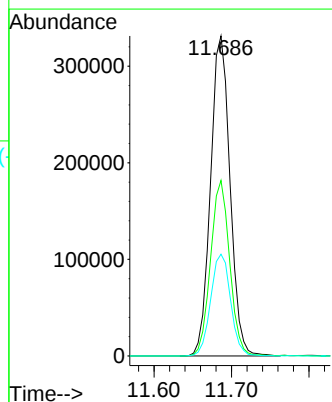
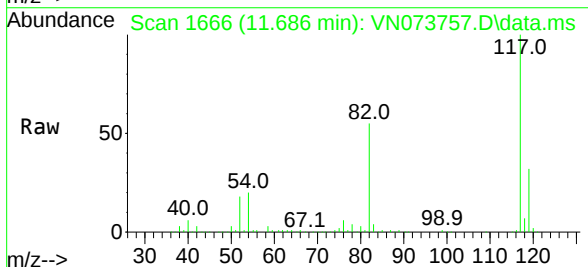
Instrument :
MSVOA_N
ClientSampleId :
MW-1DL

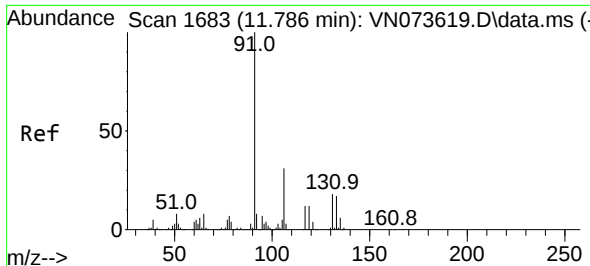
Tgt Ion: 95 Resp: 264921
Ion Ratio Lower Upper
95 100
174 90.9 0.0 167.6
176 87.2 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073757.D
Acq: 05 Aug 2022 13:02

Tgt Ion: 117 Resp: 579106
Ion Ratio Lower Upper
117 100
82 54.9 44.2 66.2
119 31.8 25.4 38.0

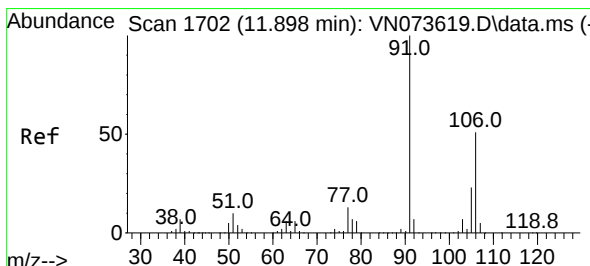
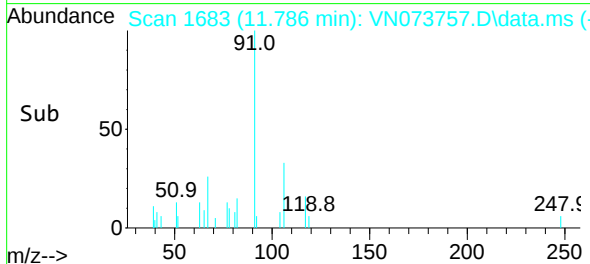
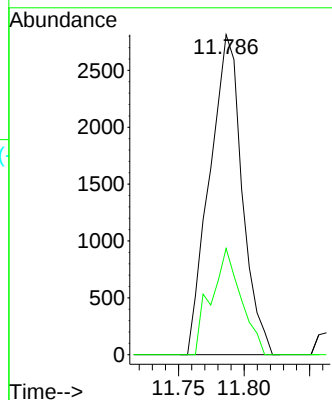
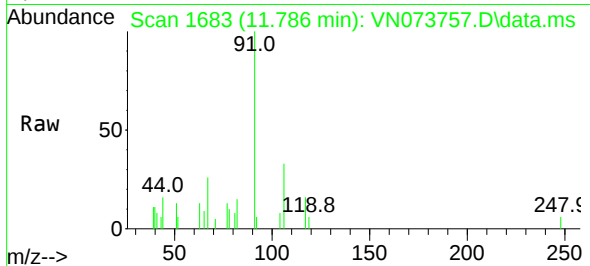




#67
Ethyl Benzene
Concen: 0.234 ug/l
RT: 11.786 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN073757.D
Acq: 05 Aug 2022 13:02

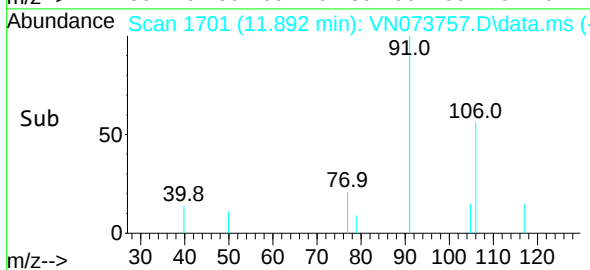
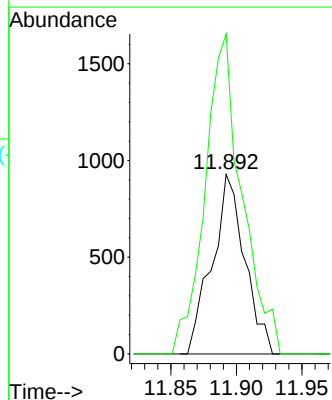
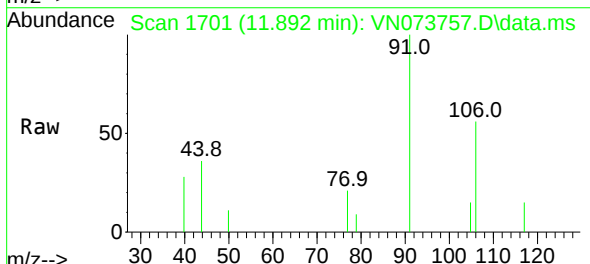
Instrument :
MSVOA_N
ClientSampleId :
MW-1DL

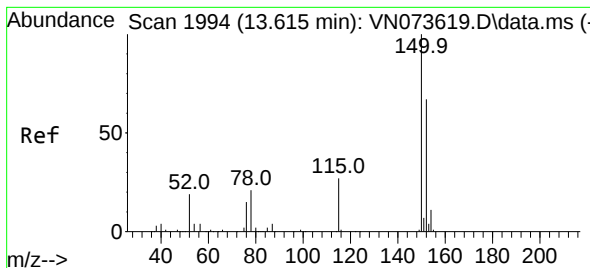
Tgt Ion: 91 Resp: 4854
Ion Ratio Lower Upper
91 100
106 33.2 24.9 37.3



#68
m/p-Xylenes
Concen: 0.203 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN073757.D
Acq: 05 Aug 2022 13:02

Tgt Ion: 106 Resp: 1607
Ion Ratio Lower Upper
106 100
91 201.4 158.9 238.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.616 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VN073757.D

Acq: 05 Aug 2022 13:02

Instrument :

MSVOA_N

ClientSampleId :

MW-1DL

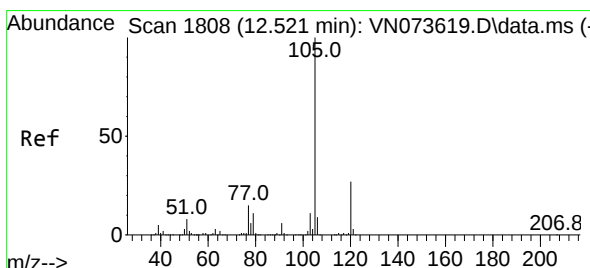
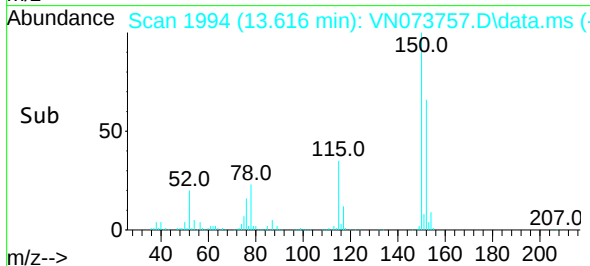
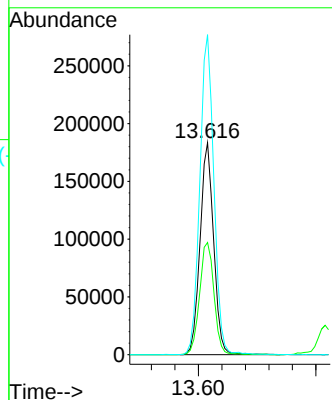
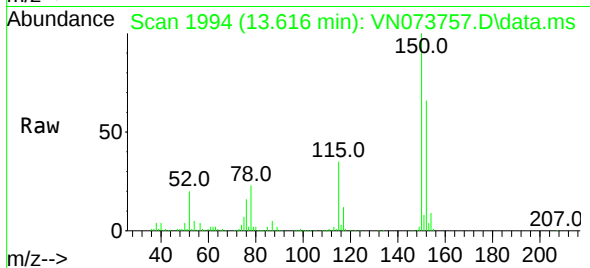
Tgt Ion:152 Resp: 295190

Ion Ratio Lower Upper

152 100

115 56.0 28.9 86.7

150 155.6 0.0 356.2



#73

Isopropylbenzene

Concen: 1.692 ug/l

RT: 12.522 min Scan# 1808

Delta R.T. 0.000 min

Lab File: VN073757.D

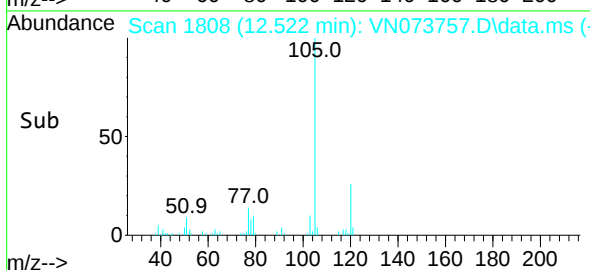
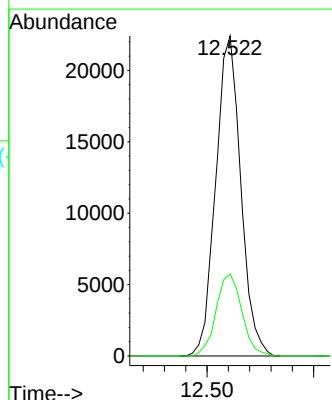
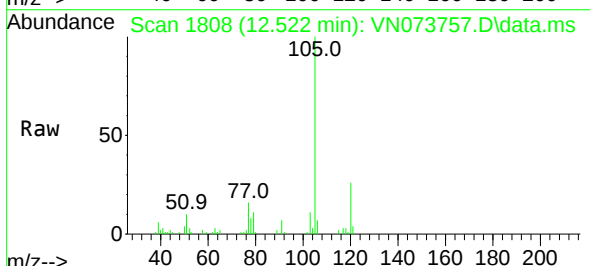
Acq: 05 Aug 2022 13:02

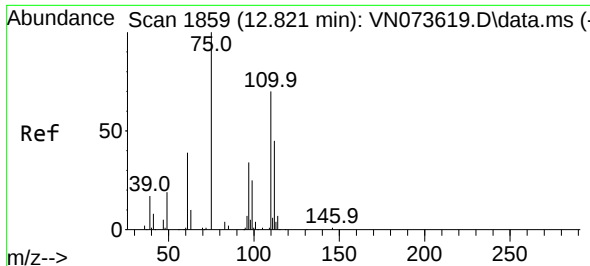
Tgt Ion:105 Resp: 36555

Ion Ratio Lower Upper

105 100

120 26.3 13.5 40.4

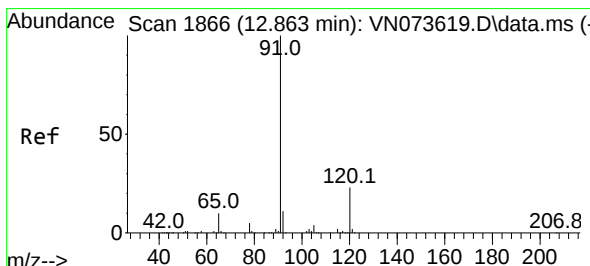
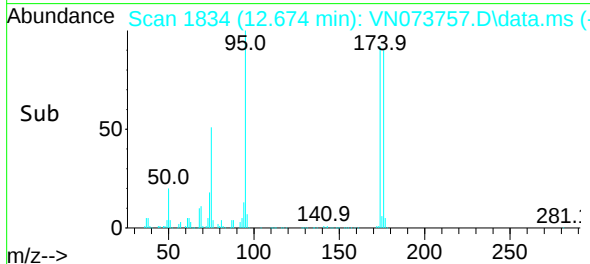
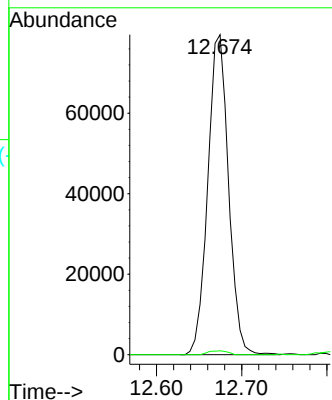
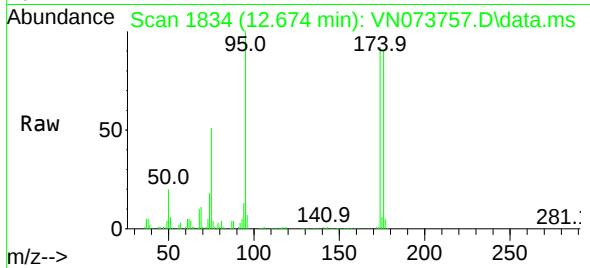




#76
1,2,3-Trichloropropane
Concen: 23.130 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN073757.D
Acq: 05 Aug 2022 13:02

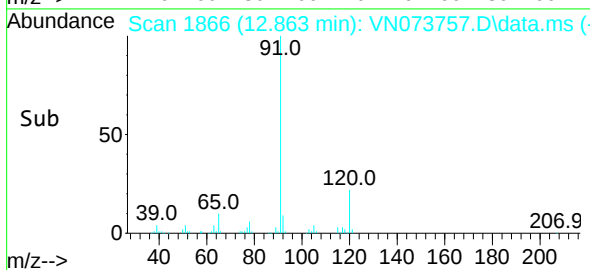
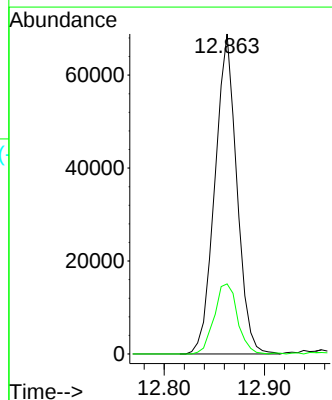
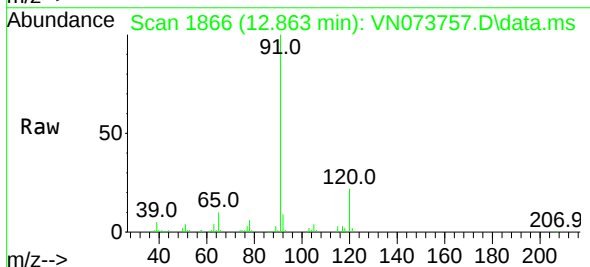
Instrument :
MSVOA_N
ClientSampleId :
MW-1DL

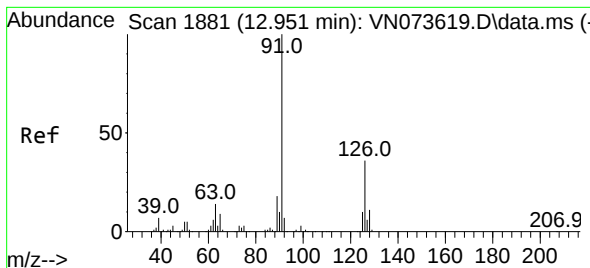
Tgt Ion: 75 Resp: 134447
Ion Ratio Lower Upper
75 100
77 1.1 98.5 295.5#



#78
n-propylbenzene
Concen: 4.296 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VN073757.D
Acq: 05 Aug 2022 13:02

Tgt Ion: 91 Resp: 104445
Ion Ratio Lower Upper
91 100
120 23.2 11.9 35.5





#79

2-Chlorotoluene

Concen: 6.883 ug/l

RT: 12.863 min Scan# 1834

Delta R.T. -0.088 min

Lab File: VN073757.D

Acq: 05 Aug 2022 13:02

Instrument :

MSVOA_N

ClientSampleId :

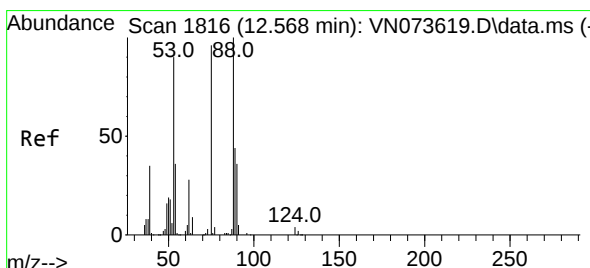
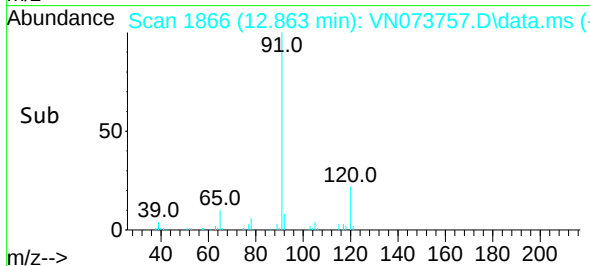
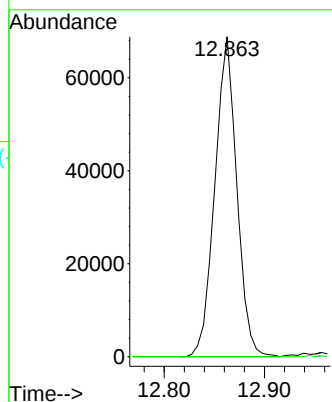
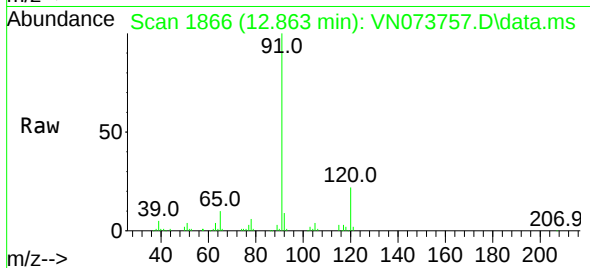
MW-1DL

Tgt Ion: 91 Resp: 104445

Ion Ratio Lower Upper

91 100

126 0.0 17.3 51.9#



#81

trans-1,4-Dichloro-2-butene

Concen: 59.024 ug/l

RT: 12.674 min Scan# 1834

Delta R.T. 0.106 min

Lab File: VN073757.D

Acq: 05 Aug 2022 13:02

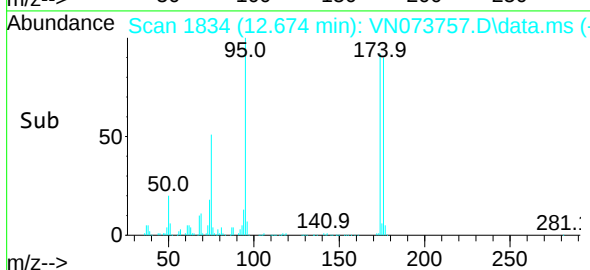
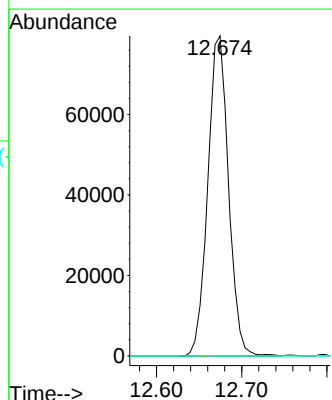
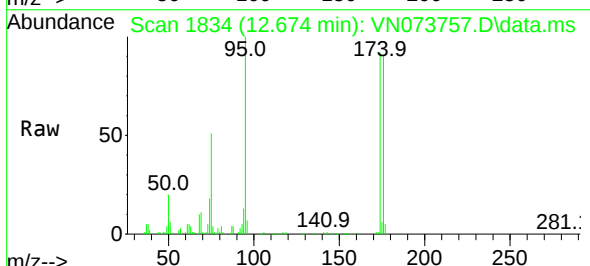
Tgt Ion: 75 Resp: 134447

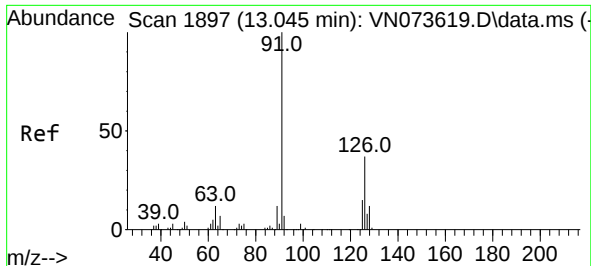
Ion Ratio Lower Upper

75 100

53 0.0 78.0 117.0#

89 0.1 37.2 55.8#

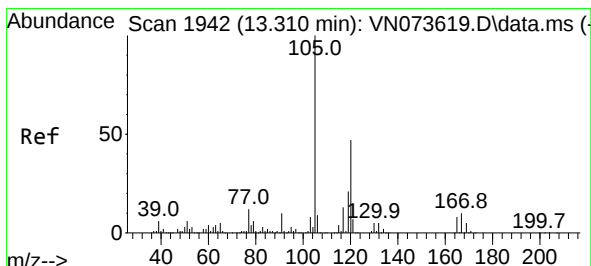
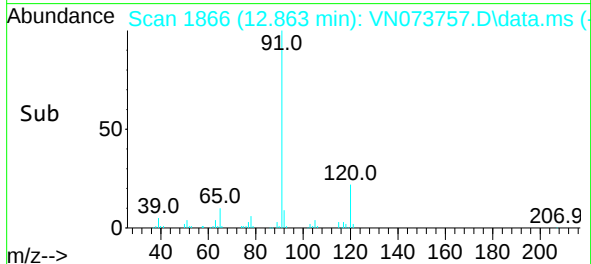
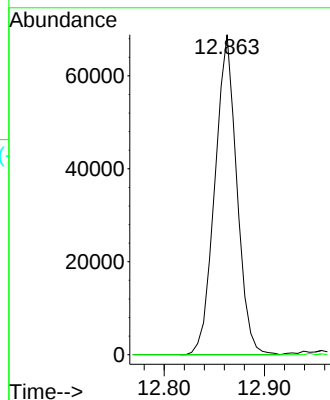
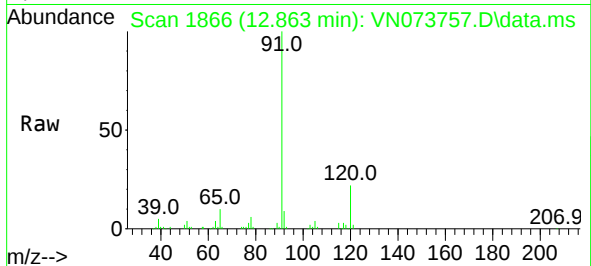




#82
4-Chlorotoluene
Concen: 7.262 ug/l
RT: 12.863 min Scan# 1897
Delta R.T. -0.182 min
Lab File: VN073757.D
Acq: 05 Aug 2022 13:02

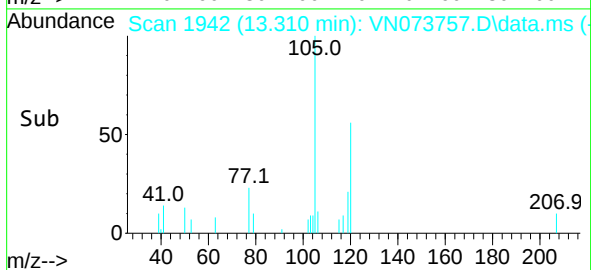
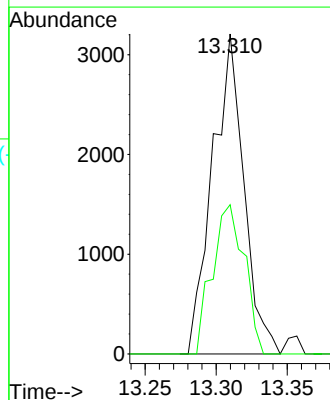
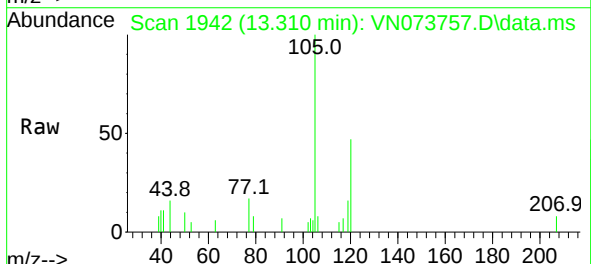
Instrument :
MSVOA_N
ClientSampleId :
MW-1DL

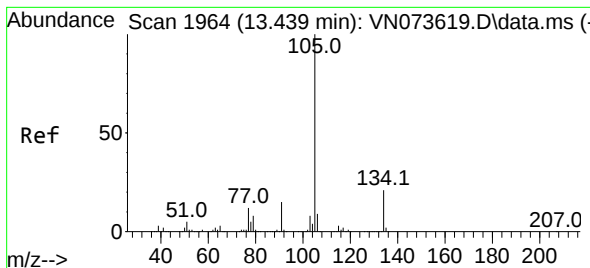
Tgt Ion: 91 Resp: 104445
Ion Ratio Lower Upper
91 100
126 0.0 17.2 51.6#



#84
1,2,4-Trimethylbenzene
Concen: 0.282 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. 0.000 min
Lab File: VN073757.D
Acq: 05 Aug 2022 13:02

Tgt Ion: 105 Resp: 4933
Ion Ratio Lower Upper
105 100
120 47.6 23.3 69.8





#85

sec-Butylbenzene

Concen: 0.460 ug/l

RT: 13.439 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VN073757.D

Acq: 05 Aug 2022 13:02

Instrument :

MSVOA_N

ClientSampleId :

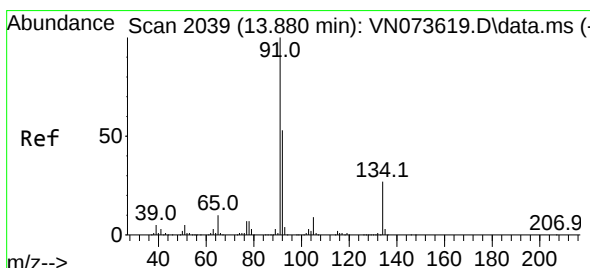
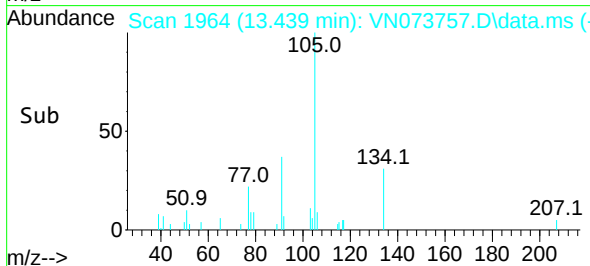
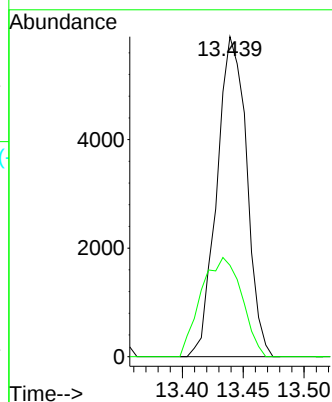
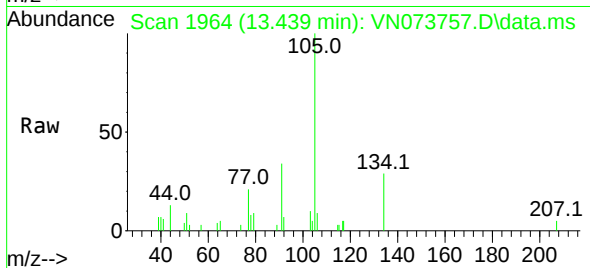
MW-1DL

Tgt Ion:105 Resp: 10024

Ion Ratio Lower Upper

105 100

134 42.5 10.4 31.1#



#89

n-Butylbenzene

Concen: 1.067 ug/l

RT: 13.880 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VN073757.D

Acq: 05 Aug 2022 13:02

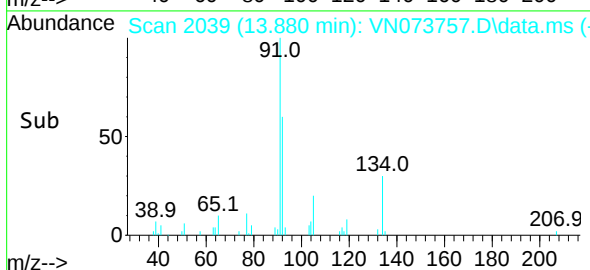
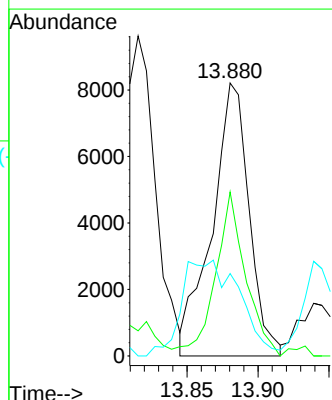
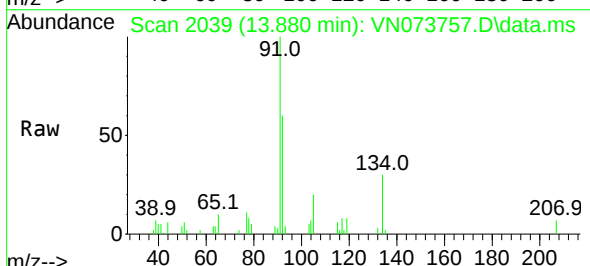
Tgt Ion: 91 Resp: 14904

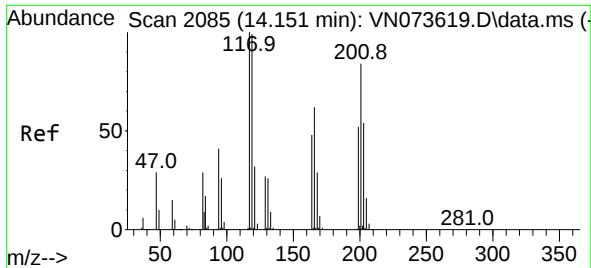
Ion Ratio Lower Upper

91 100

92 48.8 26.9 80.7

134 54.7 13.6 40.8#

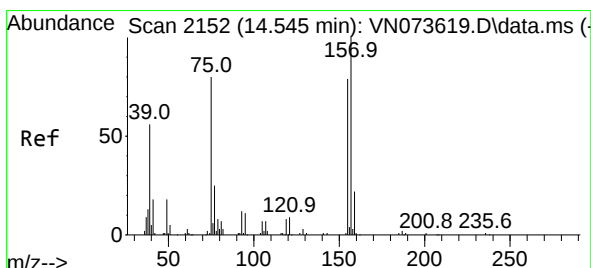
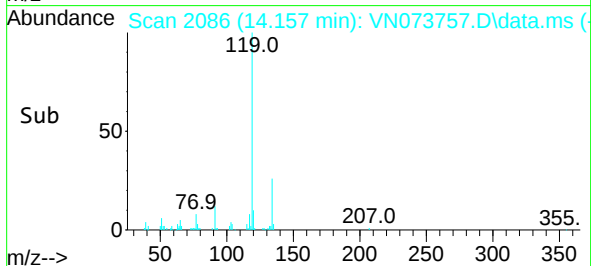
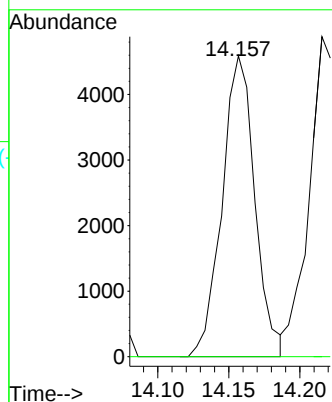
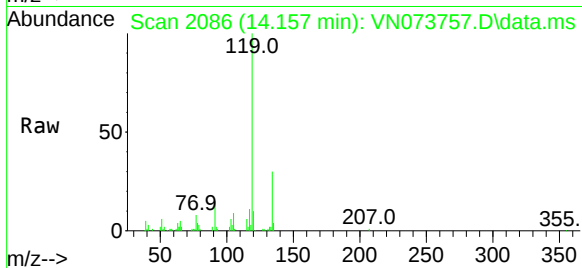




#90
Hexachloroethane
Concen: 2.158 ug/l
RT: 14.157 min Scan# 2086
Delta R.T. 0.006 min
Lab File: VN073757.D
Acq: 05 Aug 2022 13:02

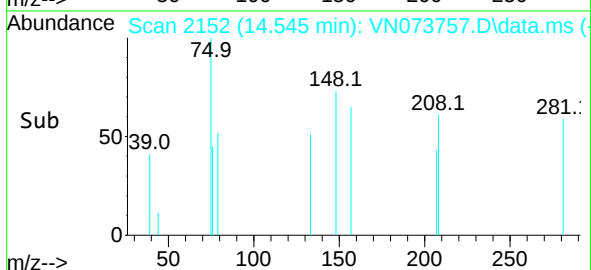
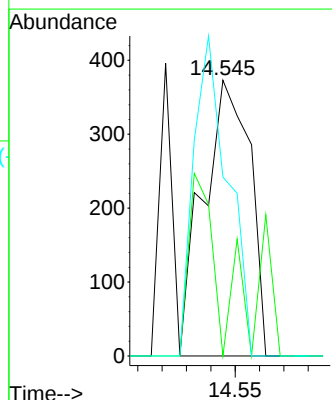
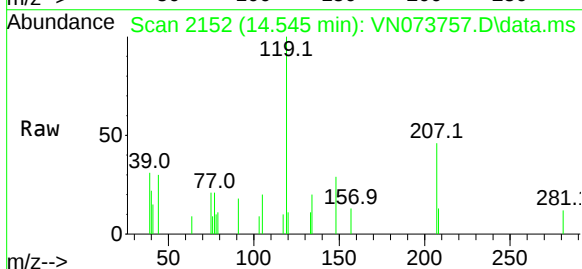
Instrument :
MSVOA_N
ClientSampleId :
MW-1DL

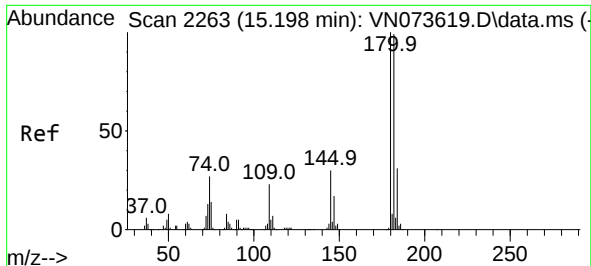
Tgt Ion:117 Resp: 7349
Ion Ratio Lower Upper
117 100
201 0.0 40.6 122.0#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.297 ug/l
RT: 14.545 min Scan# 2152
Delta R.T. 0.000 min
Lab File: VN073757.D
Acq: 05 Aug 2022 13:02

Tgt Ion: 75 Resp: 497
Ion Ratio Lower Upper
75 100
155 32.2 44.9 134.5#
157 84.3 59.0 176.8

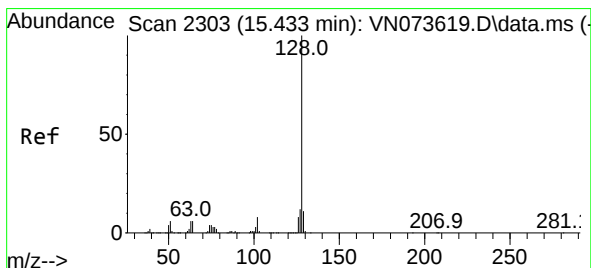
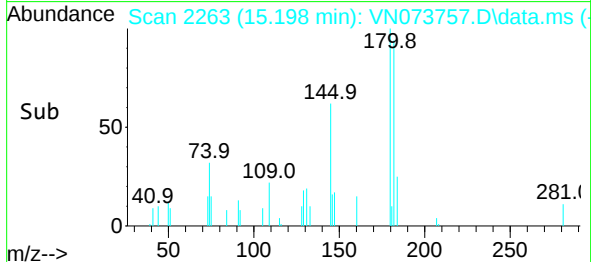
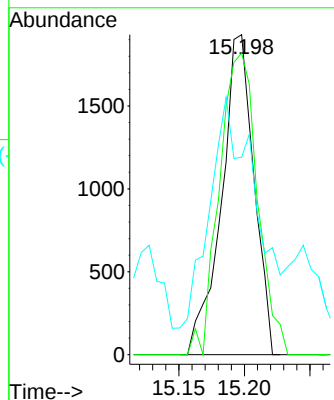
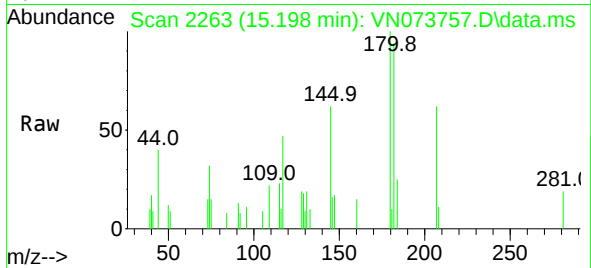




#93
 1,2,4-Trichlorobenzene
 Concen: 0.641 ug/l
 RT: 15.198 min Scan# 2263
 Delta R.T. 0.000 min
 Lab File: VN073757.D
 Acq: 05 Aug 2022 13:02

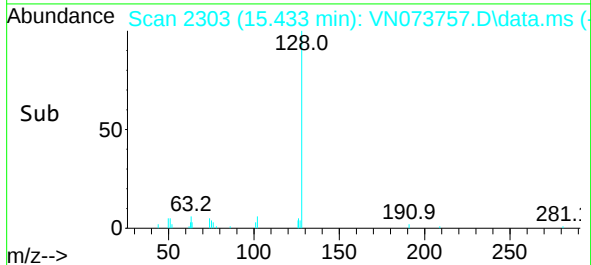
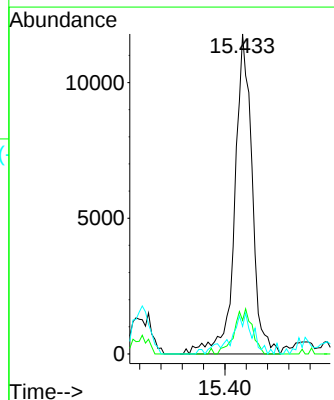
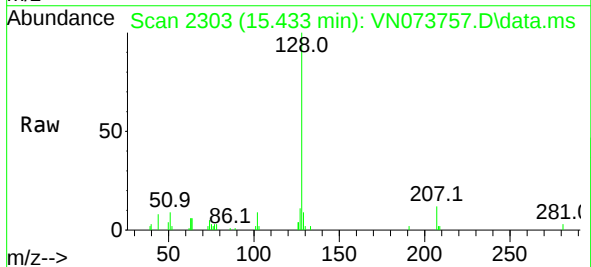
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1DL

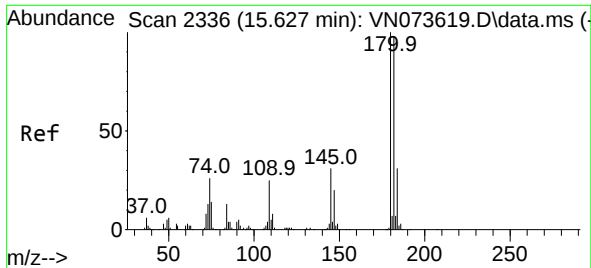
Tgt Ion:180 Resp: 3315
 Ion Ratio Lower Upper
 180 100
 182 110.7 47.5 142.5
 145 99.4 14.5 43.5#



#95
 Naphthalene
 Concen: 1.594 ug/l
 RT: 15.433 min Scan# 2303
 Delta R.T. 0.000 min
 Lab File: VN073757.D
 Acq: 05 Aug 2022 13:02

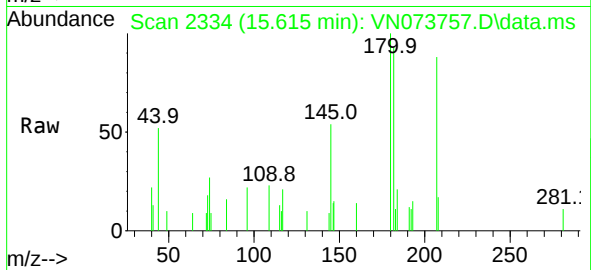
Tgt Ion:128 Resp: 26739
 Ion Ratio Lower Upper
 128 100
 127 14.2 10.3 15.5
 129 13.2 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.695 ug/l
 RT: 15.615 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VN073757.D
 Acq: 05 Aug 2022 13:02

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1DL



Tgt Ion:	180	Resp:	3781
Ion	Ratio	Lower	Upper
180	100		
182	113.0	47.8	143.3
145	103.1	15.5	46.5#

