

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120822\
 Data File : VN075639.D
 Acq On : 08 Dec 2022 10:44
 Operator : JC\MD
 Sample : VN1208WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBL01

Quant Time: Dec 09 02:04:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

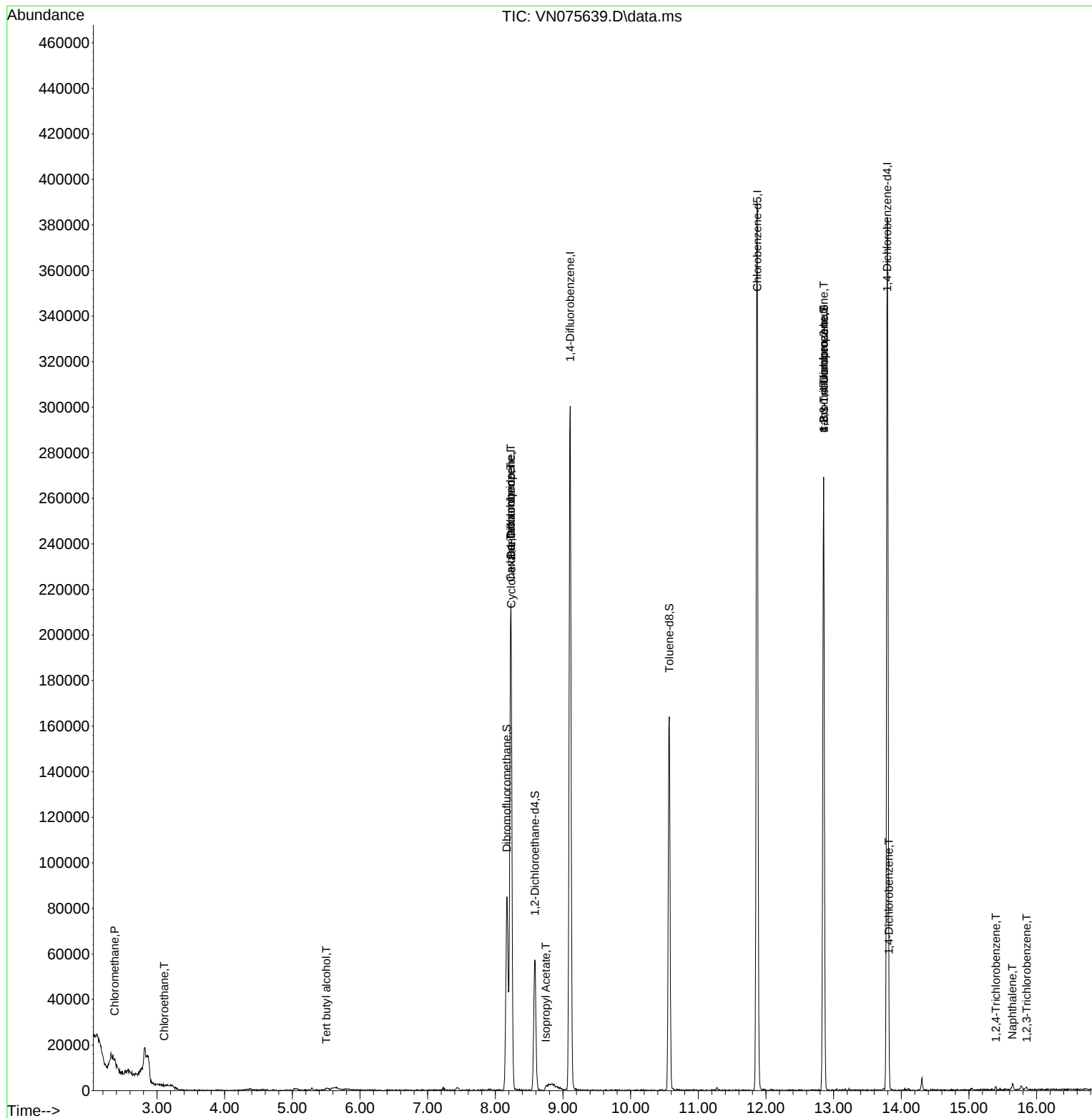
Internal Standards						
1) Pentafluorobenzene	8.230	168	170348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	281973	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	243378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	110675	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	47275	51.700	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.400%			
35) Dibromofluoromethane	8.171	113	60116	54.272	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.540%			
50) Toluene-d8	10.571	98	121192	48.578	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.160%			
62) 4-Bromofluorobenzene	12.853	95	90363	49.072	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.140%			
Target Compounds						Qvalue
3) Chloromethane	2.371	50	348	0.215	ug/l #	42
6) Chloroethane	3.106	64	699	0.452	ug/l #	45
11) Tert butyl alcohol	5.500	59	304	0.792	ug/l #	72
18) Methyl Acetate	5.059	43	2352	Below Cal	#	52
20) Methylene Chloride	5.289	84	593	Below Cal	#	46
31) Cyclohexane	8.235	56	2934	1.010	ug/l #	8
36) 1,1-Dichloropropene	8.230	75	11755	4.866	ug/l #	49
38) Carbon Tetrachloride	8.224	117	16204	6.106	ug/l #	15
43) Isopropyl Acetate	8.747	43	818	0.234	ug/l #	53
76) 1,2,3-Trichloropropane	12.853	75	44189	21.117	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	44189	62.481	ug/l #	10
88) 1,4-Dichlorobenzene	13.817	146	788	0.205	ug/l #	55
93) 1,2,4-Trichlorobenzene	15.400	180	708	0.375	ug/l	82
95) Naphthalene	15.641	128	3357	0.565	ug/l #	88
96) 1,2,3-Trichlorobenzene	15.853	180	775	0.417	ug/l #	75

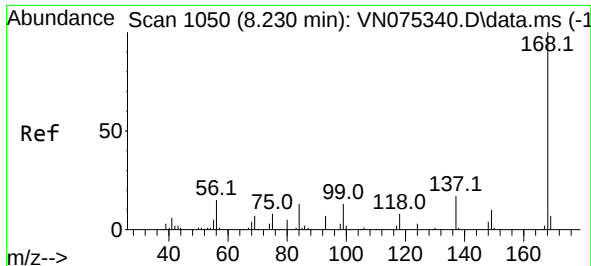
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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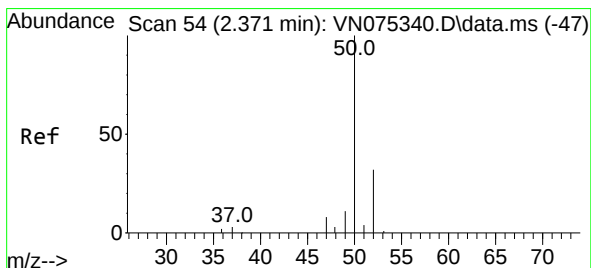
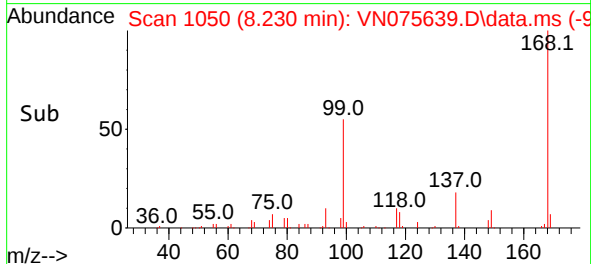
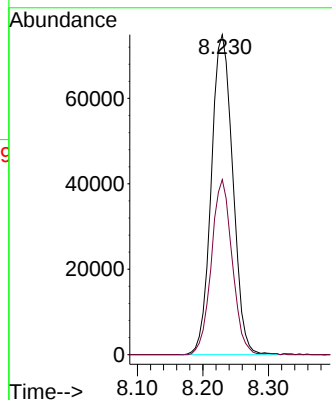
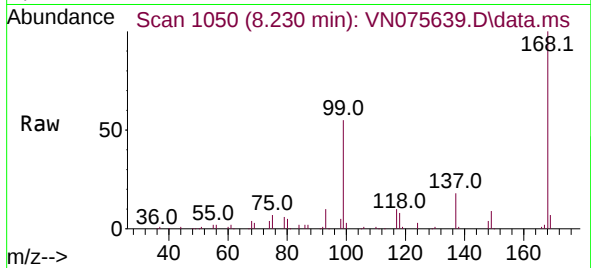




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075639.D
Acq: 08 Dec 2022 10:44

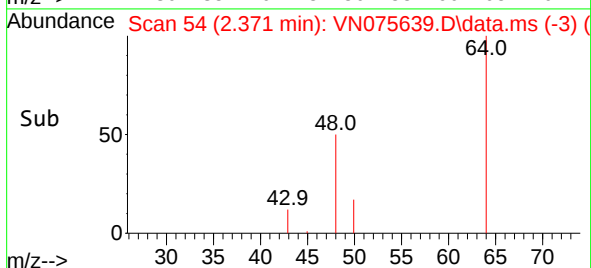
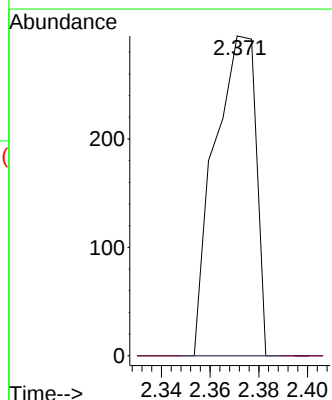
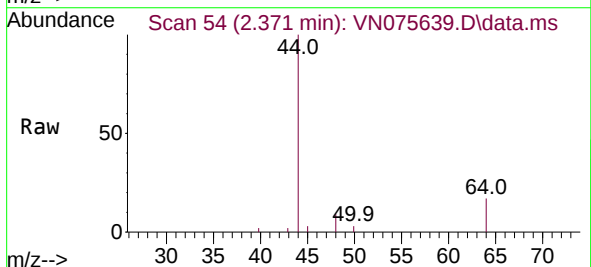
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBL01

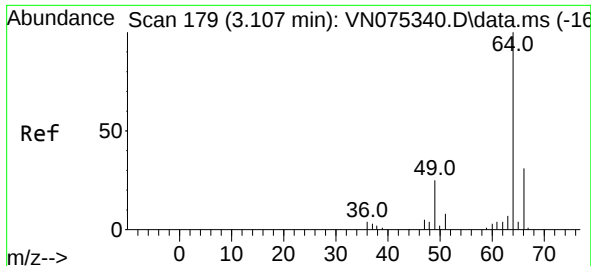
Tgt Ion:168 Resp: 170348
Ion Ratio Lower Upper
168 100
99 54.7 51.6 77.4



#3
Chloromethane
Concen: 0.215 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075639.D
Acq: 08 Dec 2022 10:44

Tgt Ion: 50 Resp: 348
Ion Ratio Lower Upper
50 100
52 0.0 25.8 38.6#

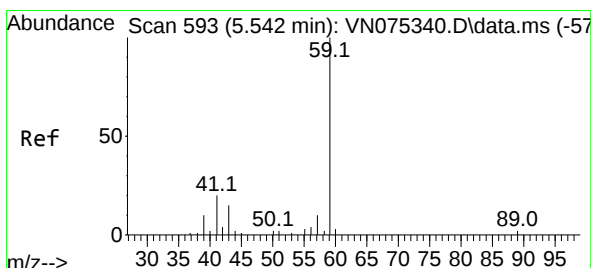
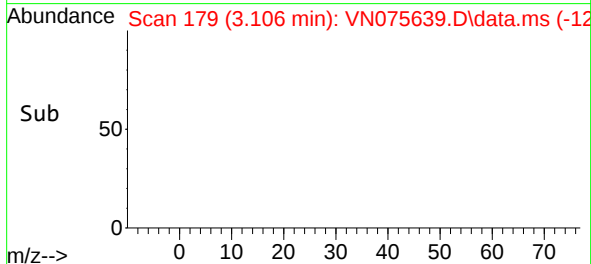
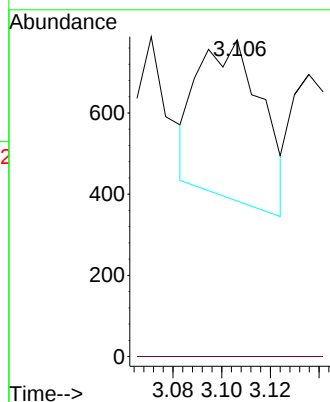
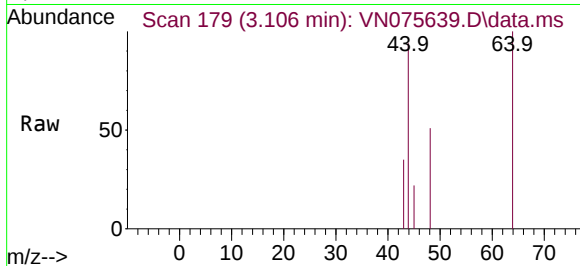




#6
Chloroethane
Concen: 0.452 ug/l
RT: 3.106 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN075639.D
Acq: 08 Dec 2022 10:44

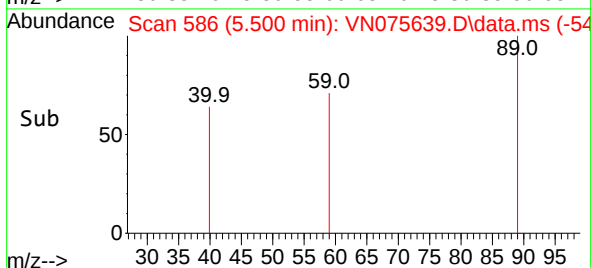
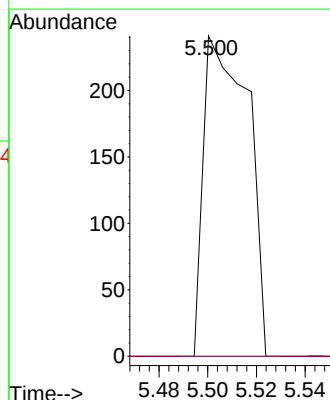
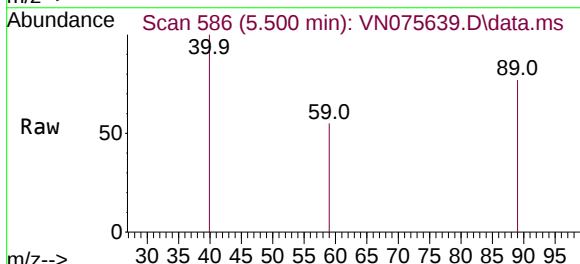
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBL01

Tgt Ion: 64 Resp: 699
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#



#11
Tert butyl alcohol
Concen: 0.792 ug/l
RT: 5.500 min Scan# 586
Delta R.T. -0.042 min
Lab File: VN075639.D
Acq: 08 Dec 2022 10:44

Tgt Ion: 59 Resp: 304
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

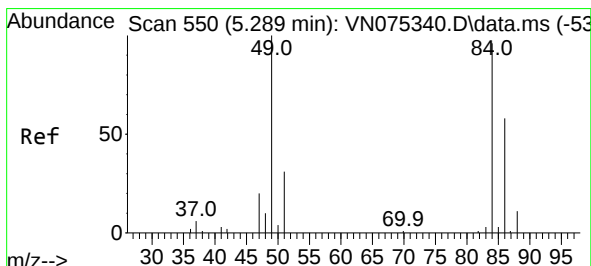
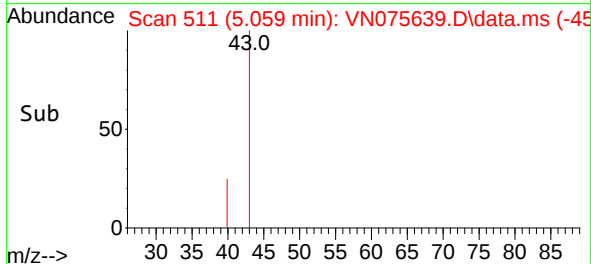
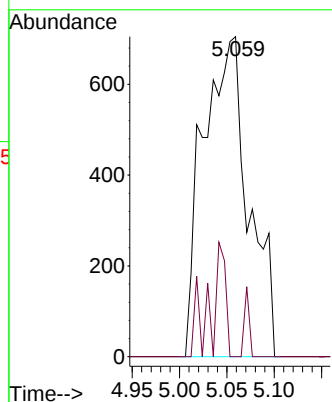
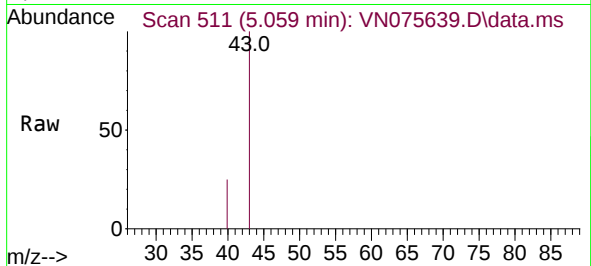




#18
Methyl Acetate
Concen: Below Cal
RT: 5.059 min Scan# 511
Delta R.T. 0.023 min
Lab File: VN075639.D
Acq: 08 Dec 2022 10:44

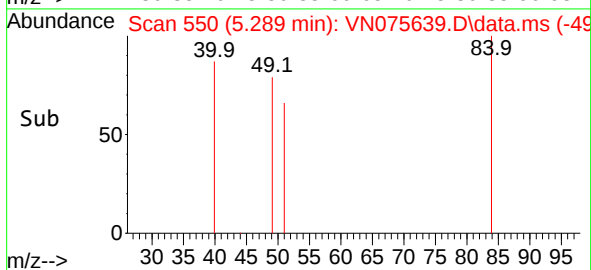
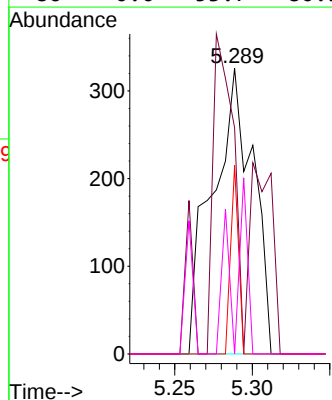
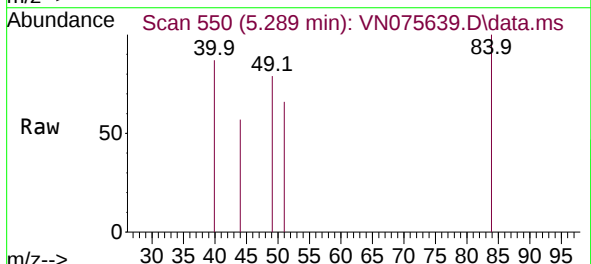
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBL01

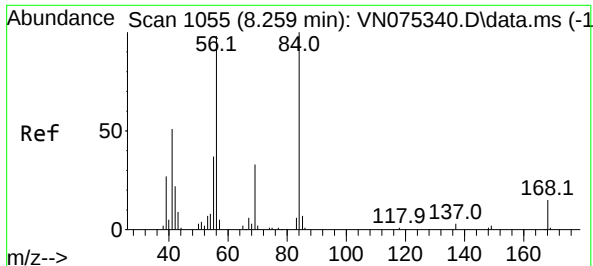
Tgt Ion: 43 Resp: 2352
Ion Ratio Lower Upper
43 100
74 2.3 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN075639.D
Acq: 08 Dec 2022 10:44

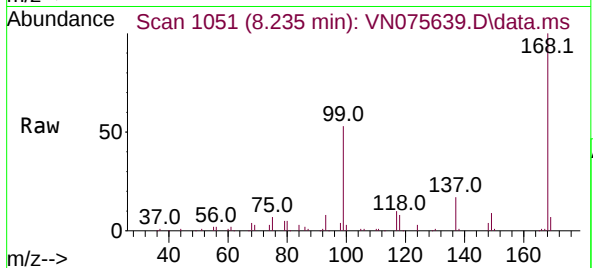
Tgt Ion: 84 Resp: 593
Ion Ratio Lower Upper
84 100
49 79.1 94.9 142.3#
51 66.0 26.8 40.2#
86 0.0 53.7 80.5#



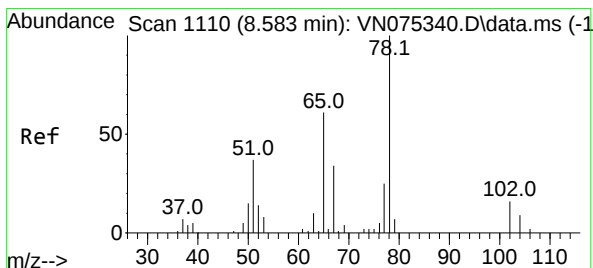
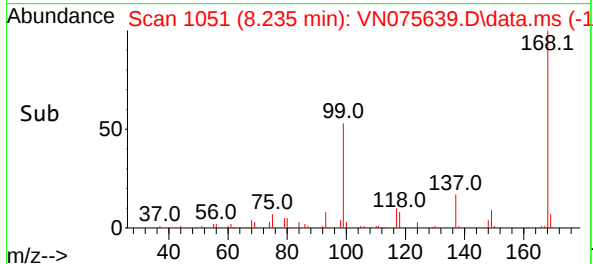
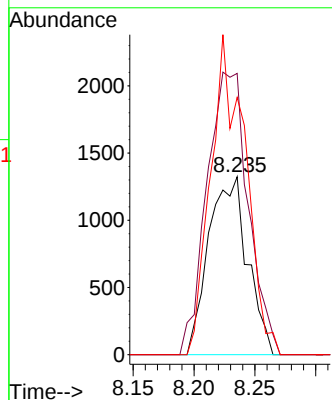


#31
Cyclohexane
Concen: 1.010 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.024 min
Lab File: VN075639.D
Acq: 08 Dec 2022 10:44

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBL01

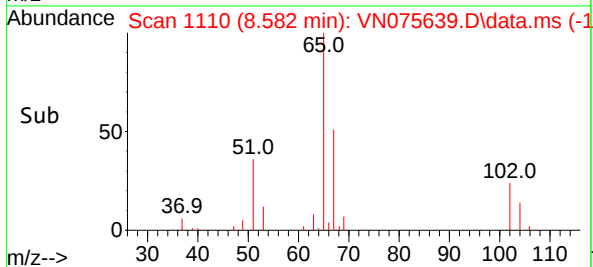
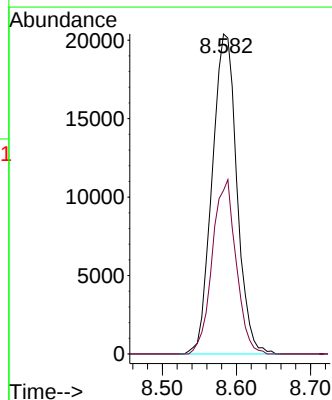
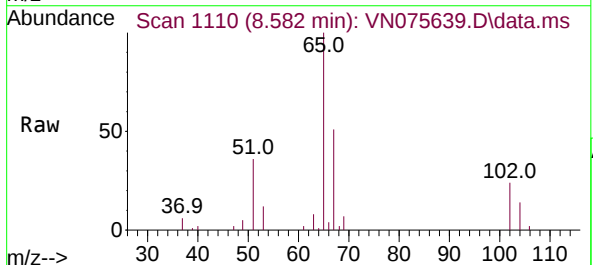


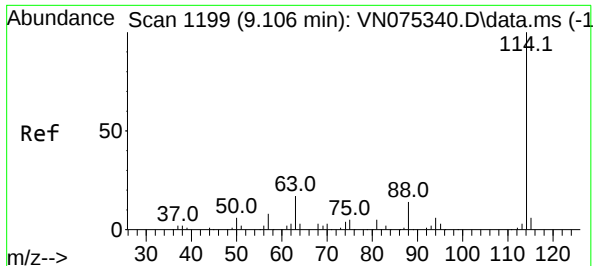
Tgt Ion: 56 Resp: 2934
Ion Ratio Lower Upper
56 100
69 158.1 25.2 37.8#
84 144.6 77.8 116.8#



#33
1,2-Dichloroethane-d4
Concen: 51.700 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.001 min
Lab File: VN075639.D
Acq: 08 Dec 2022 10:44

Tgt Ion: 65 Resp: 47275
Ion Ratio Lower Upper
65 100
67 52.4 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075639.D

Acq: 08 Dec 2022 10:44

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBL01

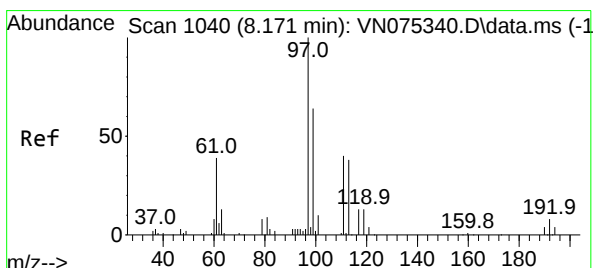
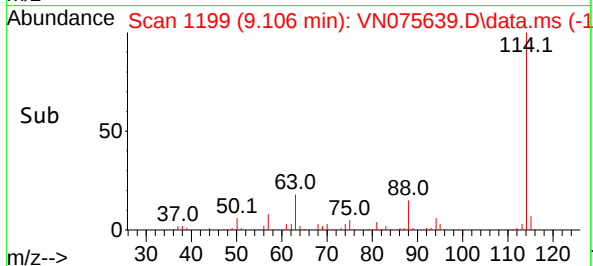
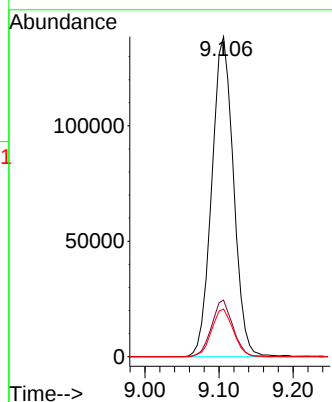
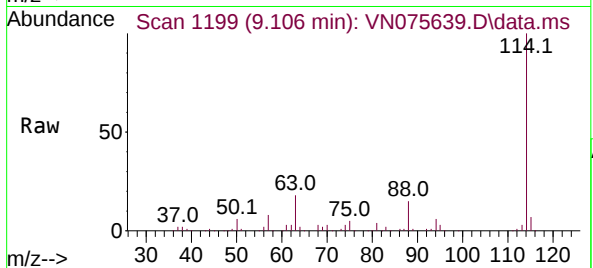
Tgt Ion:114 Resp: 281973

Ion Ratio Lower Upper

114 100

63 17.7 0.0 39.6

88 14.9 0.0 29.0



#35

Dibromofluoromethane

Concen: 54.272 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075639.D

Acq: 08 Dec 2022 10:44

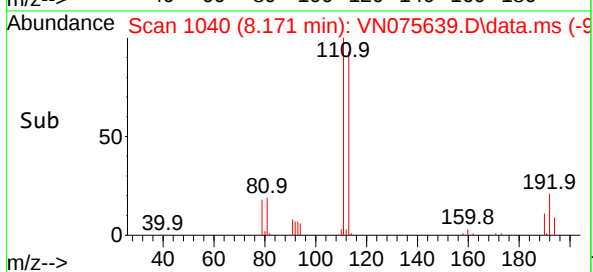
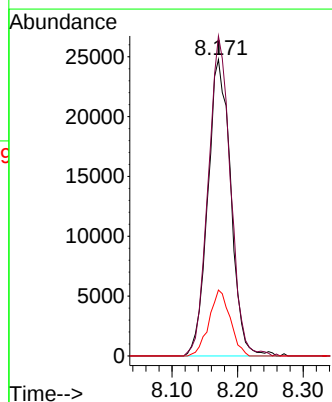
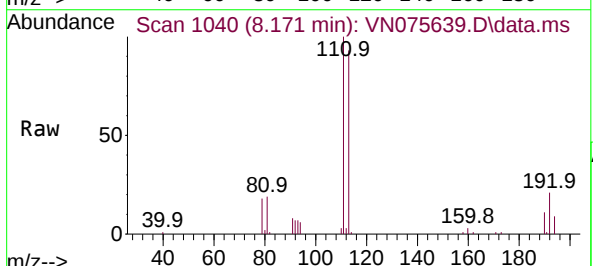
Tgt Ion:113 Resp: 60116

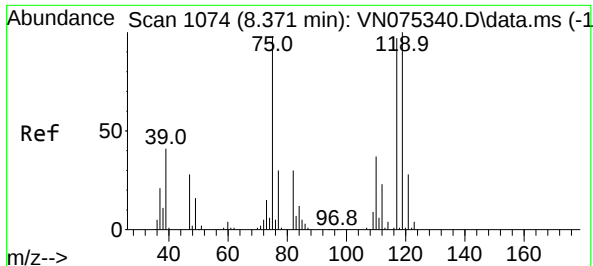
Ion Ratio Lower Upper

113 100

111 105.1 80.5 120.7

192 20.5 13.2 19.8#





#36

1,1-Dichloropropene

Concen: 4.866 ug/l

RT: 8.230 min Scan# 1049

Delta R.T. -0.141 min

Lab File: VN075639.D

Acq: 08 Dec 2022 10:44

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBL01

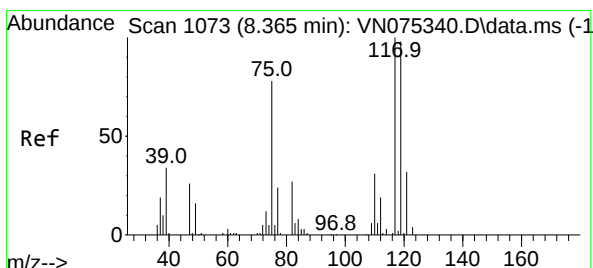
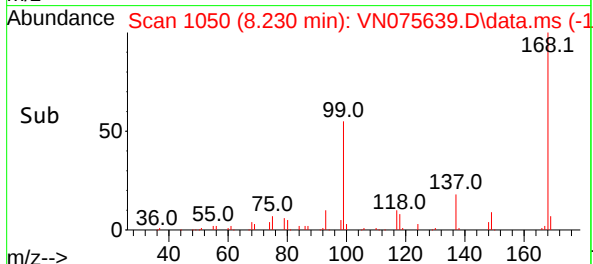
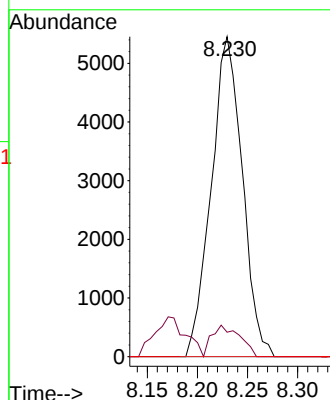
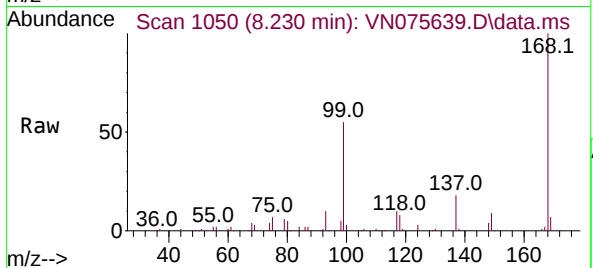
Tgt Ion: 75 Resp: 11755

Ion Ratio Lower Upper

75 100

110 8.8 17.8 53.3#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 6.106 ug/l

RT: 8.224 min Scan# 1049

Delta R.T. -0.141 min

Lab File: VN075639.D

Acq: 08 Dec 2022 10:44

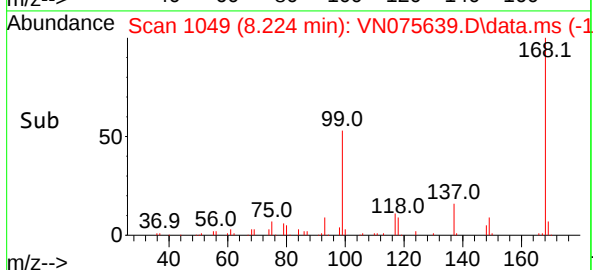
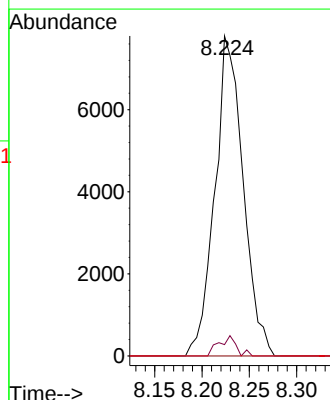
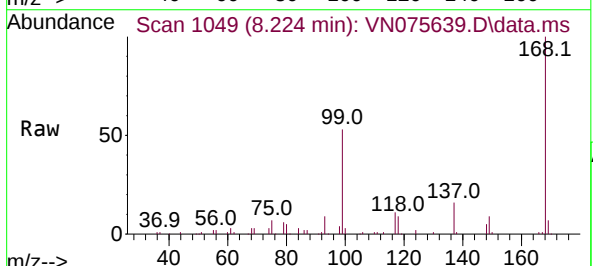
Tgt Ion: 117 Resp: 16204

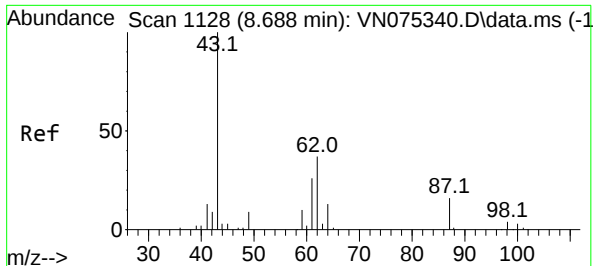
Ion Ratio Lower Upper

117 100

119 3.6 76.7 115.1#

121 0.0 23.9 35.9#





#43

Isopropyl Acetate

Concen: 0.234 ug/l

RT: 8.747 min Scan# 1128

Delta R.T. 0.059 min

Lab File: VN075639.D

Acq: 08 Dec 2022 10:44

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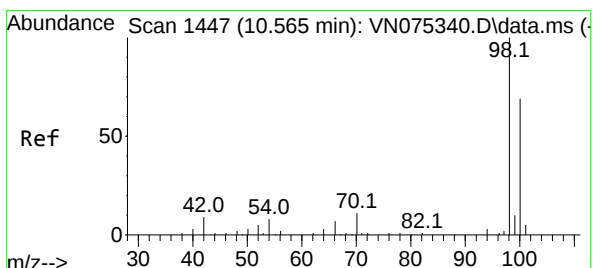
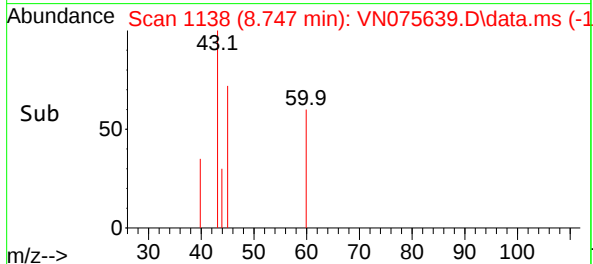
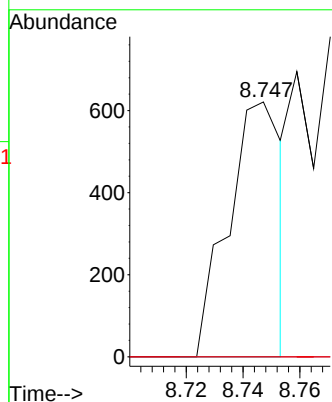
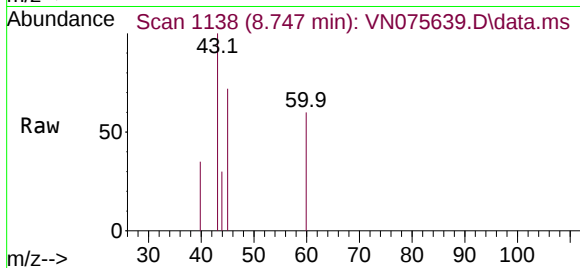
Tgt Ion: 43 Resp: 818

Ion Ratio Lower Upper

43 100

61 0.0 22.4 33.6#

87 0.0 12.5 18.7#



#50

Toluene-d8

Concen: 48.578 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VN075639.D

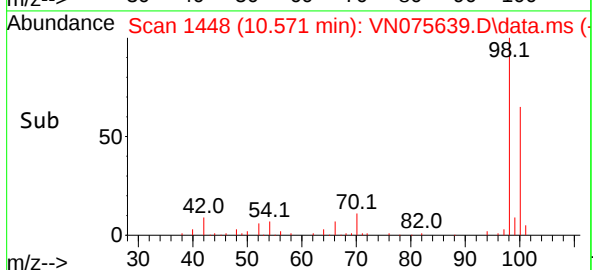
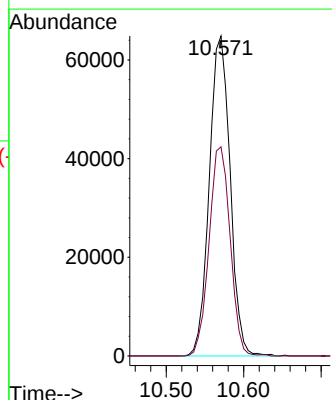
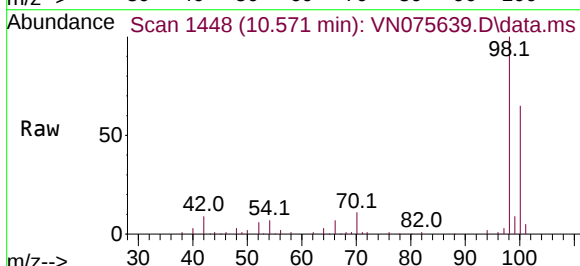
Acq: 08 Dec 2022 10:44

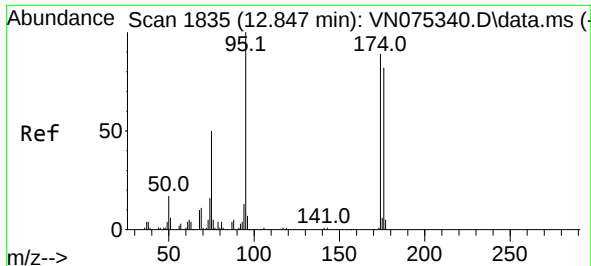
Tgt Ion: 98 Resp: 121192

Ion Ratio Lower Upper

98 100

100 66.2 53.0 79.6

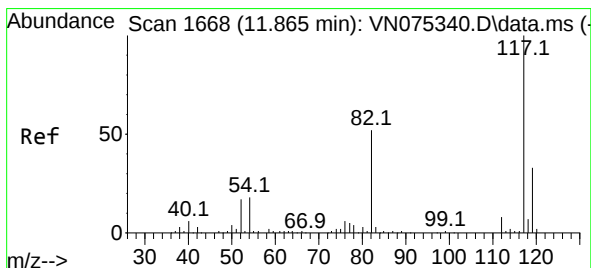
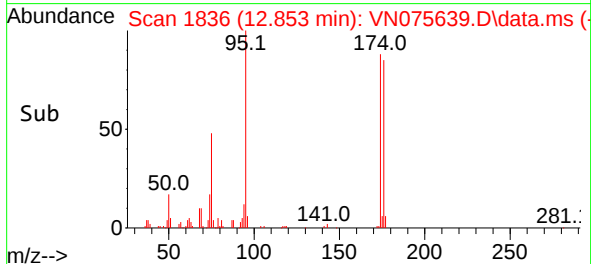
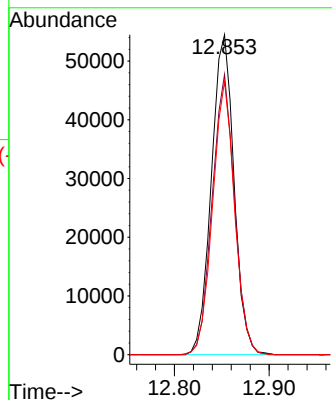
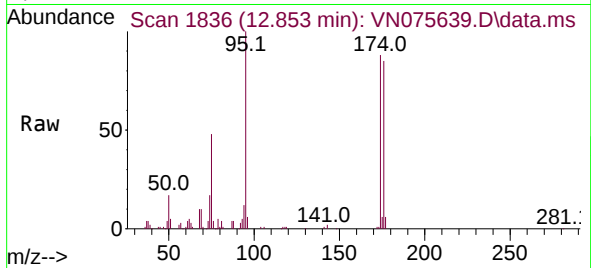




#62
4-Bromofluorobenzene
Concen: 49.072 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075639.D
Acq: 08 Dec 2022 10:44

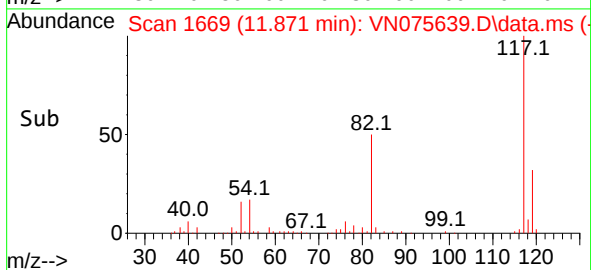
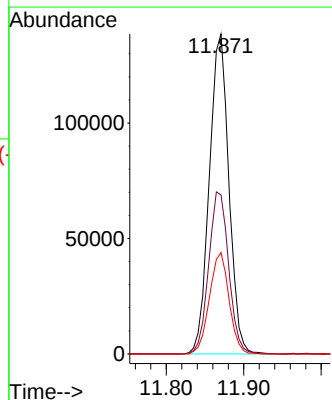
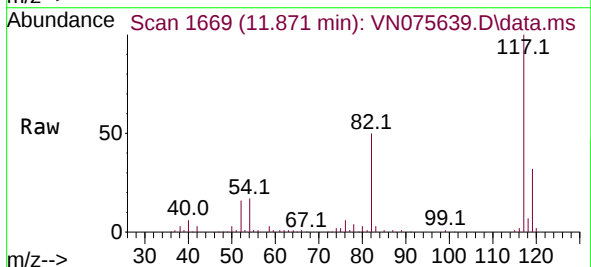
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBL01

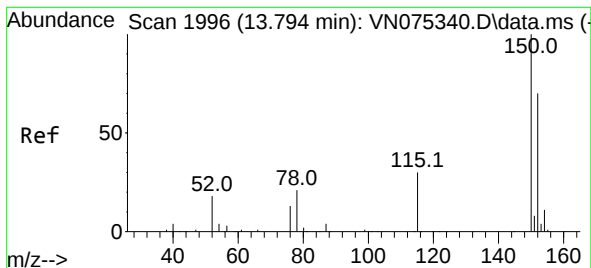
Tgt Ion: 95 Resp: 90363
Ion Ratio Lower Upper
95 100
174 86.6 0.0 147.4
176 83.1 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.005 min
Lab File: VN075639.D
Acq: 08 Dec 2022 10:44

Tgt Ion: 117 Resp: 243378
Ion Ratio Lower Upper
117 100
82 49.7 43.1 64.7
119 31.6 25.5 38.3

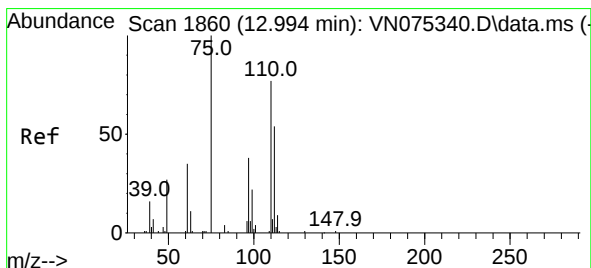
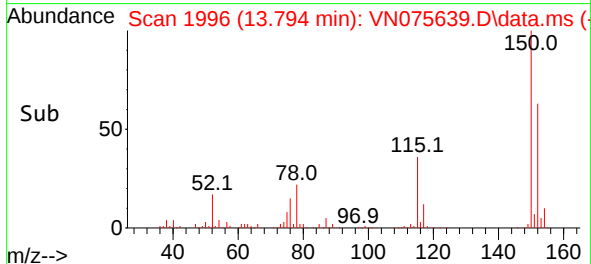
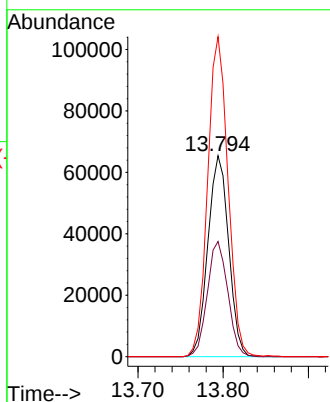
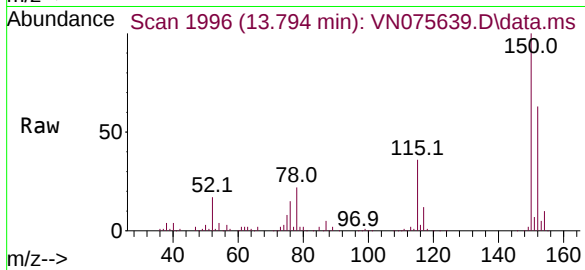




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075639.D
Acq: 08 Dec 2022 10:44

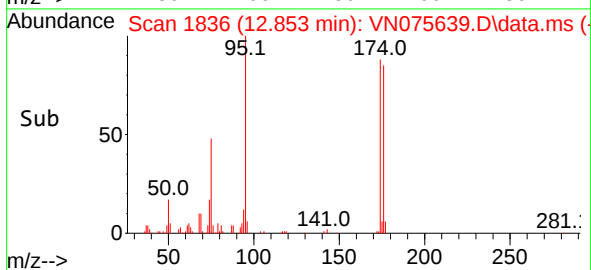
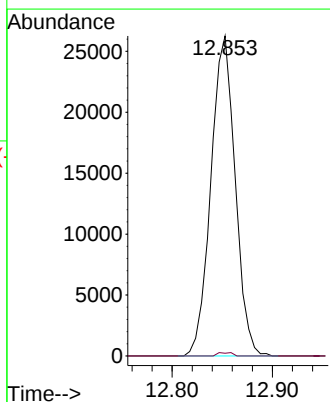
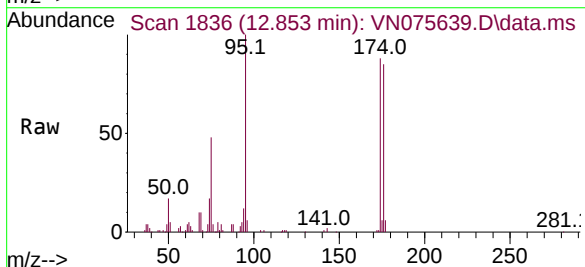
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBL01

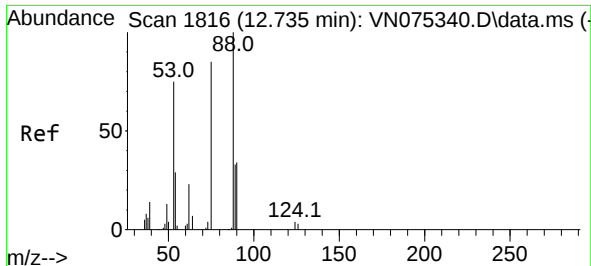
Tgt Ion:152 Resp: 110675
Ion Ratio Lower Upper
152 100
115 56.6 30.2 90.6
150 156.2 0.0 348.4



#76
1,2,3-Trichloropropane
Concen: 21.117 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075639.D
Acq: 08 Dec 2022 10:44

Tgt Ion: 75 Resp: 44189
Ion Ratio Lower Upper
75 100
77 0.6 75.6 226.8#

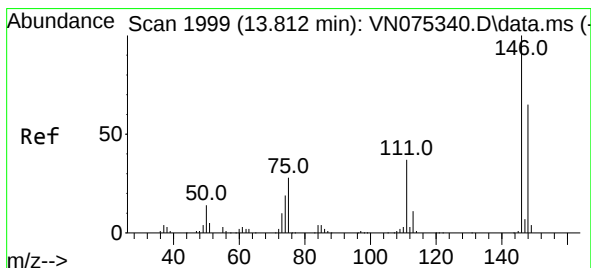
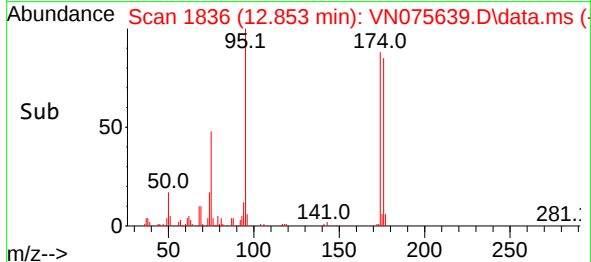
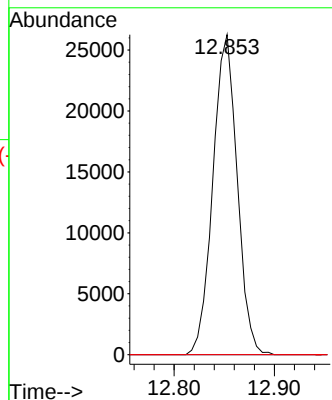
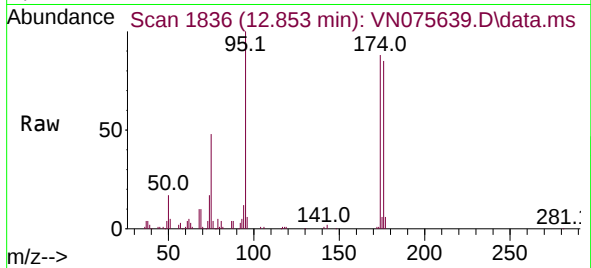




#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.481 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN075639.D
 Acq: 08 Dec 2022 10:44

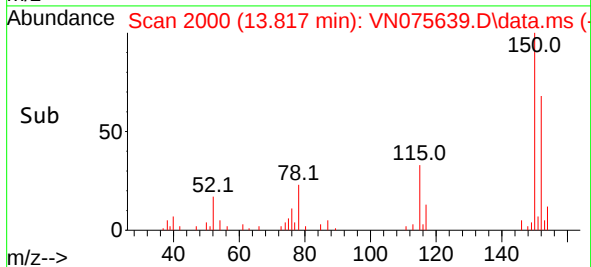
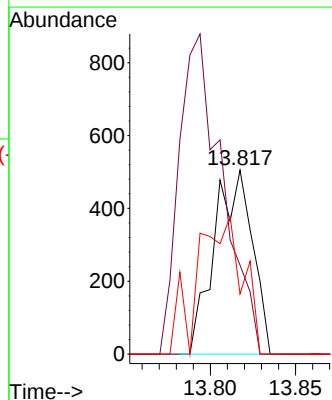
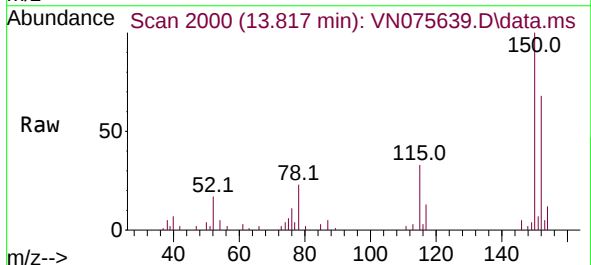
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBL01

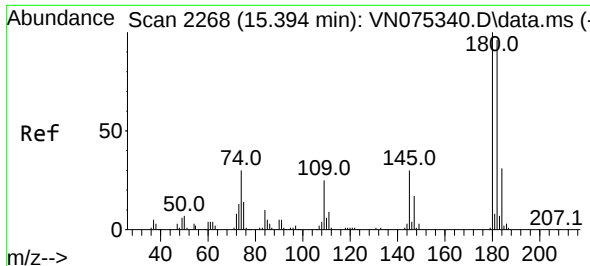
Tgt Ion: 75 Resp: 44189
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.5 117.7#
 89 0.0 37.7 56.5#



#88
 1,4-Dichlorobenzene
 Concen: 0.205 ug/l
 RT: 13.817 min Scan# 2000
 Delta R.T. 0.005 min
 Lab File: VN075639.D
 Acq: 08 Dec 2022 10:44

Tgt Ion:146 Resp: 788
 Ion Ratio Lower Upper
 146 100
 111 0.0 20.1 60.3#
 148 88.7 31.9 95.7

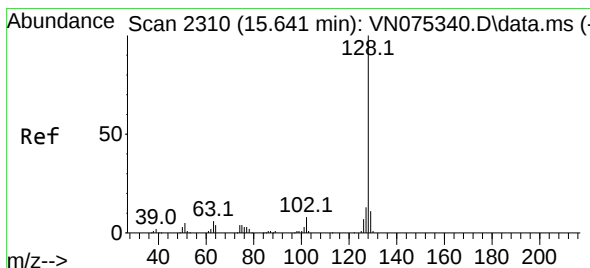
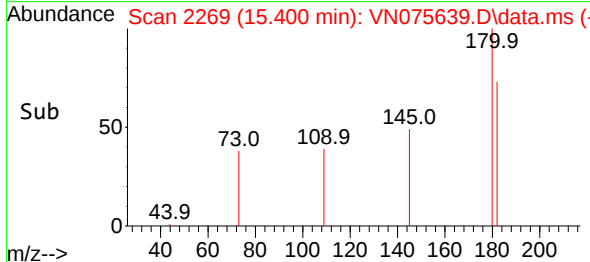
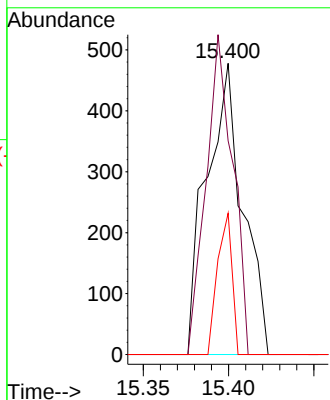
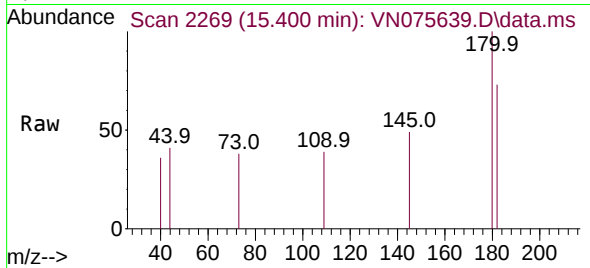




#93
1,2,4-Trichlorobenzene
Concen: 0.375 ug/l
RT: 15.400 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN075639.D
Acq: 08 Dec 2022 10:44

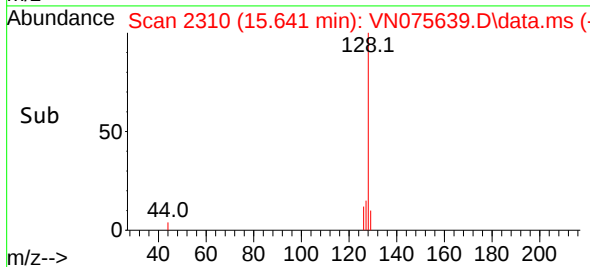
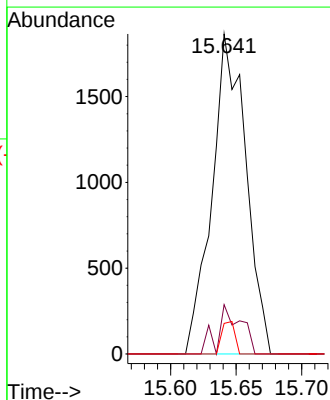
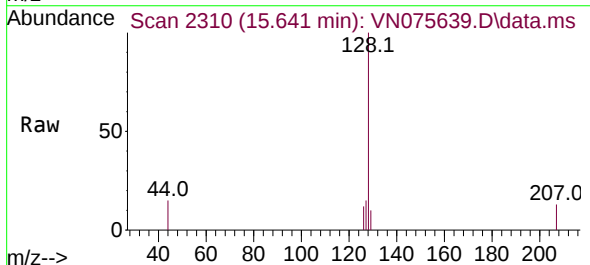
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBL01

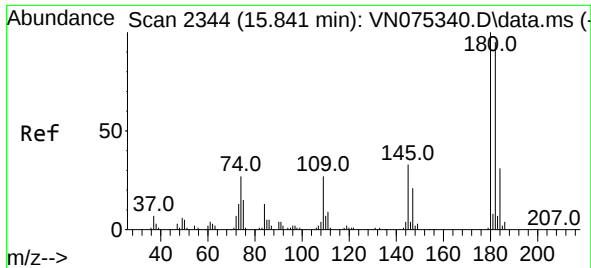
Tgt Ion:180 Resp: 708
Ion Ratio Lower Upper
180 100
182 80.8 47.8 143.4
145 19.4 16.8 50.3



#95
Naphthalene
Concen: 0.565 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075639.D
Acq: 08 Dec 2022 10:44

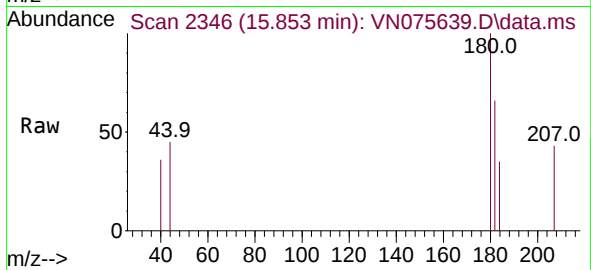
Tgt Ion:128 Resp: 3357
Ion Ratio Lower Upper
128 100
127 10.5 10.4 15.6
129 3.9 8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.417 ug/l
 RT: 15.853 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VN075639.D
 Acq: 08 Dec 2022 10:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBL01



Tgt Ion:180 Resp: 775
 Ion Ratio Lower Upper
 180 100
 182 106.2 47.3 141.8
 145 0.0 17.6 52.9#

