

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120822\
 Data File : VN075654.D
 Acq On : 08 Dec 2022 17:44
 Operator : JC\MD
 Sample : N5924-02RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MID1222

Quant Time: Dec 09 02:29:45 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)

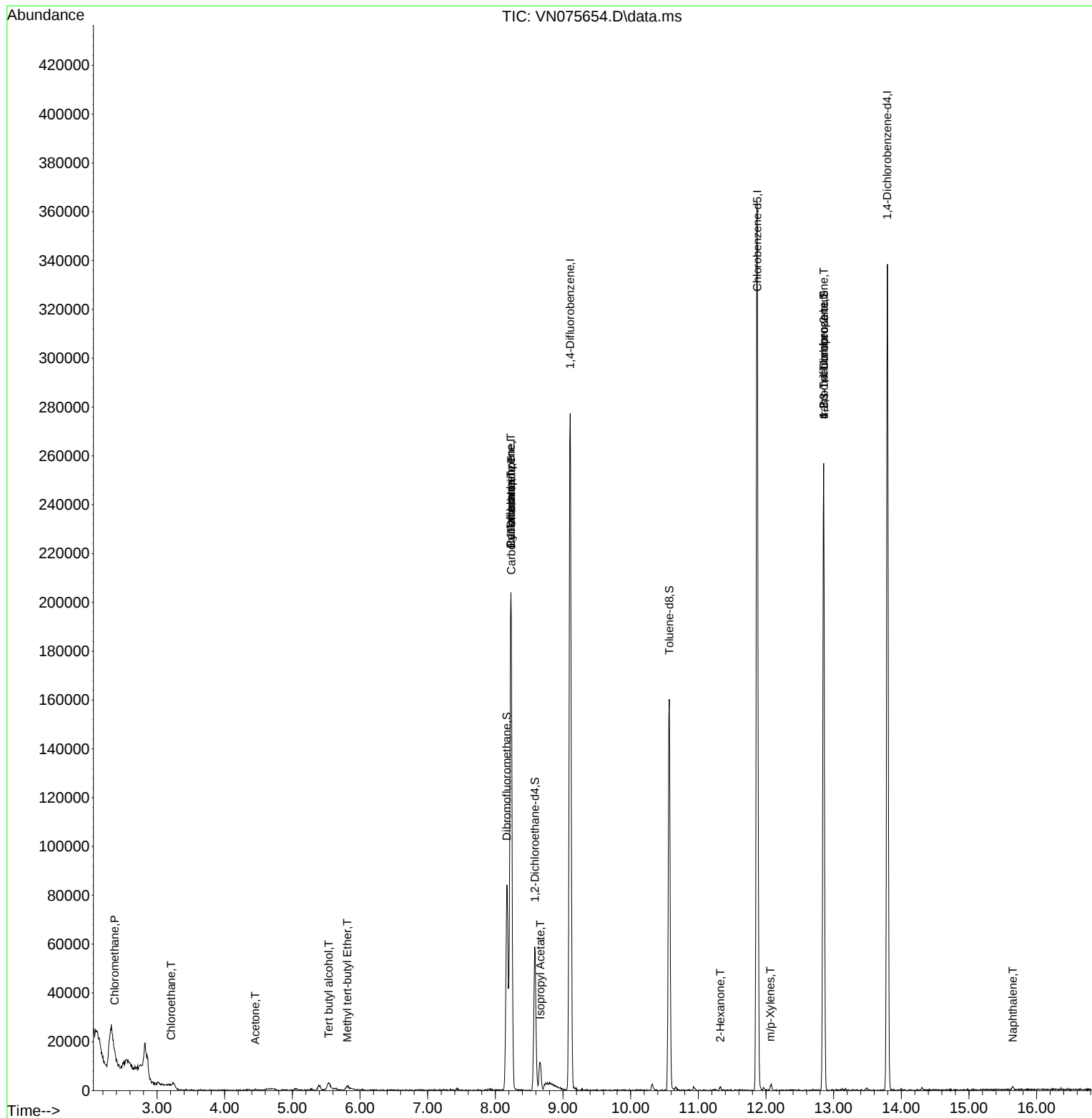
Internal Standards						
1) Pentafluorobenzene	8.230	168	163131	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	267081	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	230418	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	100575	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	46746	53.383	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.760%	
35) Dibromofluoromethane	8.171	113	59831	57.026	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 114.060%	
50) Toluene-d8	10.571	98	118680	50.223	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.440%	
62) 4-Bromofluorobenzene	12.853	95	85526	49.035	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.060%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	725	0.467	ug/l	# 42
6) Chloroethane	3.206	64	596	0.402	ug/l	# 45
11) Tert butyl alcohol	5.536	59	5786	15.740	ug/l	# 81
16) Acetone	4.453	43	467	0.572	ug/l	# 43
18) Methyl Acetate	5.048	43	1370	Below Cal	#	57
19) Methyl tert-butyl Ether	5.812	73	2314	0.432	ug/l	97
20) Methylene Chloride	5.277	84	192	Below Cal	#	15
31) Cyclohexane	8.230	56	3402	1.223	ug/l	# 20
36) 1,1-Dichloropropene	8.230	75	11024	4.818	ug/l	# 43
38) Carbon Tetrachloride	8.236	117	15994	6.363	ug/l	# 16
43) Isopropyl Acetate	8.665	43	2768	0.837	ug/l	# 53
59) 2-Hexanone	11.324	43	356	0.225	ug/l	61
68) m/p-Xylenes	12.065	106	910	0.276	ug/l	# 74
76) 1,2,3-Trichloropropane	12.853	75	43038	22.632	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.853	75	43038	66.964	ug/l	# 10
95) Naphthalene	15.647	128	2118	0.392	ug/l	# 81

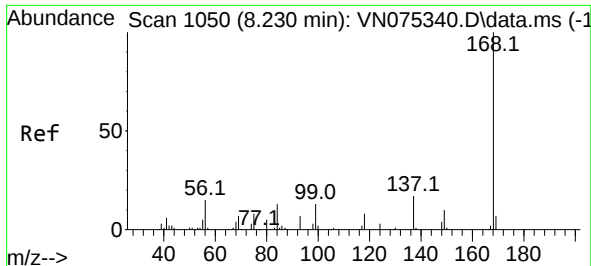
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120822\
Data File : VN075654.D
Acq On : 08 Dec 2022 17:44
Operator : JC\MD
Sample : N5924-02RE
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MID1222

Quant Time: Dec 09 02:29:45 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

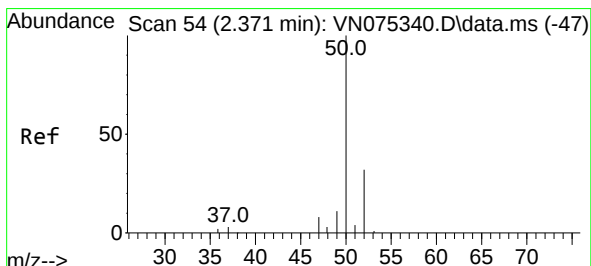
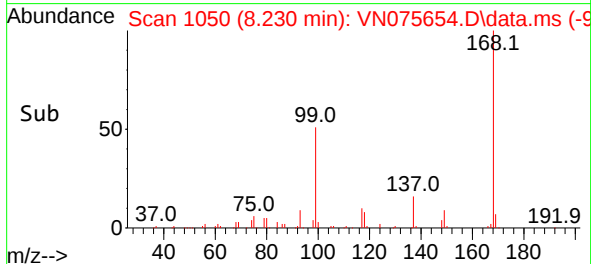
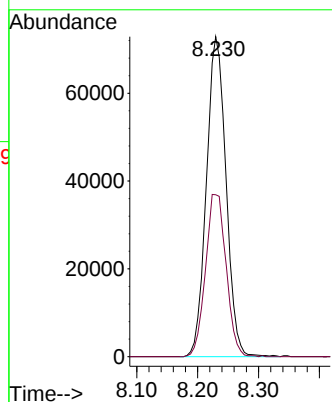
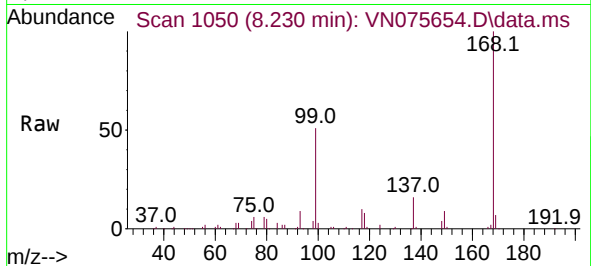




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN075654.D
Acq: 08 Dec 2022 17:44

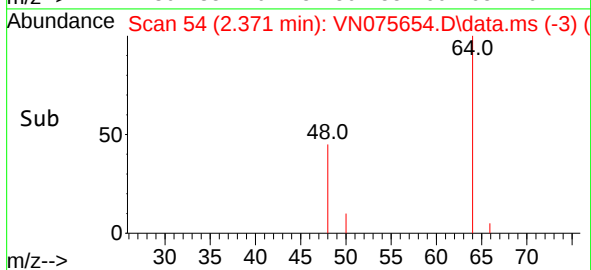
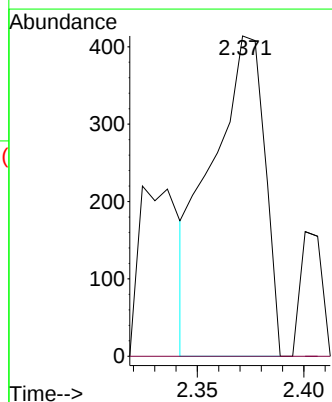
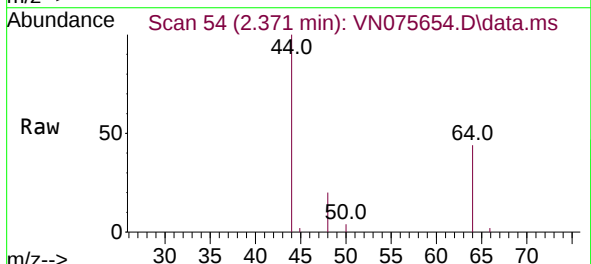
Instrument :
MSVOA_N
ClientSampleId :
MID1222

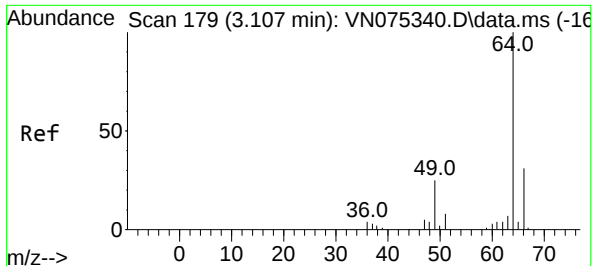
Tgt Ion:168 Resp: 163131
Ion Ratio Lower Upper
168 100
99 50.6 51.6 77.4#



#3
Chloromethane
Concen: 0.467 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075654.D
Acq: 08 Dec 2022 17:44

Tgt Ion: 50 Resp: 725
Ion Ratio Lower Upper
50 100
52 0.0 25.8 38.6#

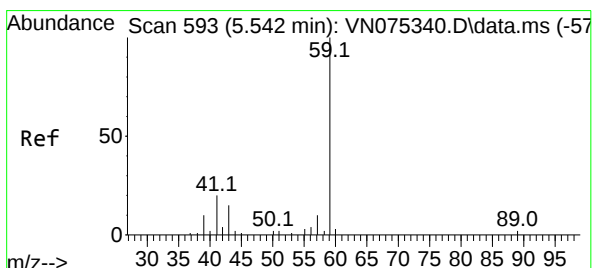
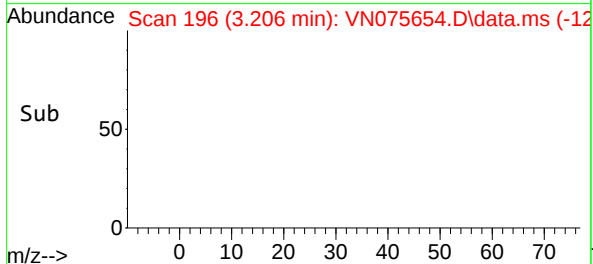
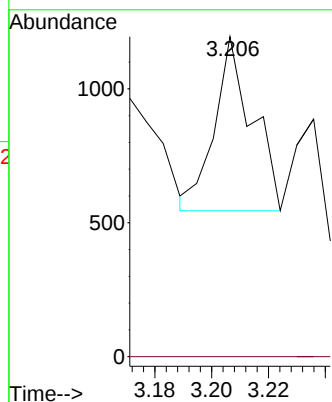
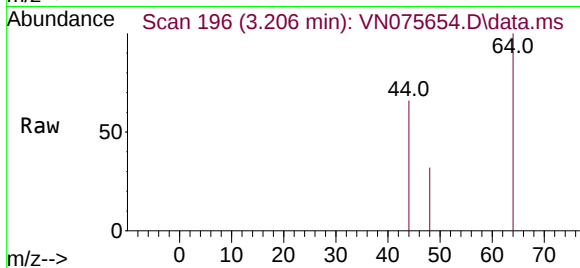




#6
Chloroethane
Concen: 0.402 ug/l
RT: 3.206 min Scan# 196
Delta R.T. 0.099 min
Lab File: VN075654.D
Acq: 08 Dec 2022 17:44

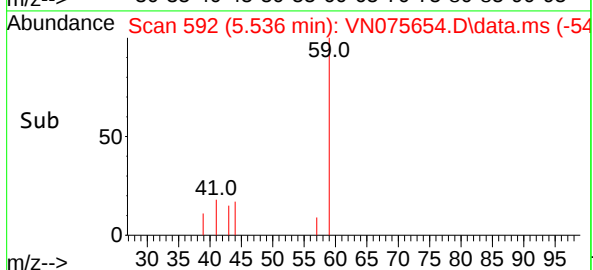
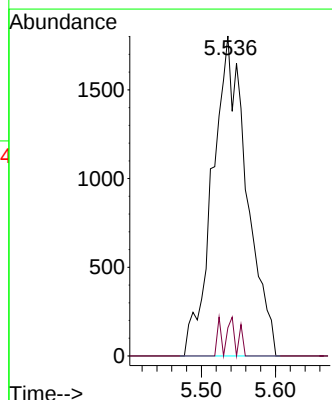
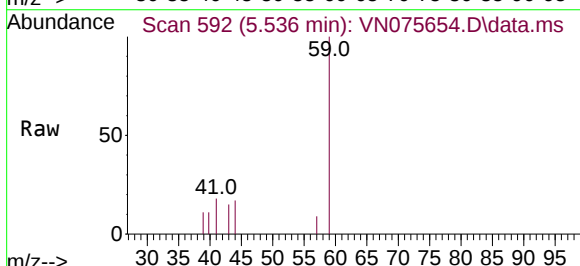
Instrument :
MSVOA_N
ClientSampleId :
MID1222

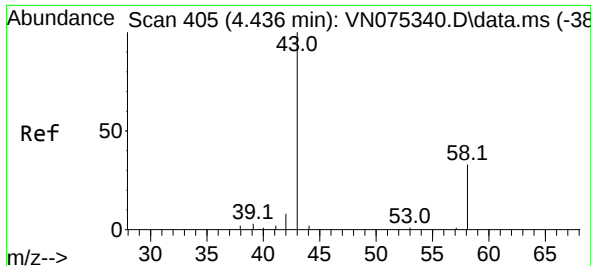
Tgt Ion: 64 Resp: 596
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#



#11
Tert butyl alcohol
Concen: 15.740 ug/l
RT: 5.536 min Scan# 592
Delta R.T. -0.006 min
Lab File: VN075654.D
Acq: 08 Dec 2022 17:44

Tgt Ion: 59 Resp: 5786
Ion Ratio Lower Upper
59 100
57 3.4 8.5 12.7#





#16

Acetone

Concen: 0.572 ug/l

RT: 4.453 min Scan# 405

Delta R.T. 0.017 min

Lab File: VN075654.D

Acq: 08 Dec 2022 17:44

Instrument :

MSVOA_N

ClientSampleId :

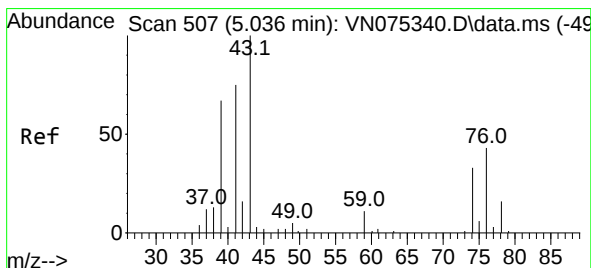
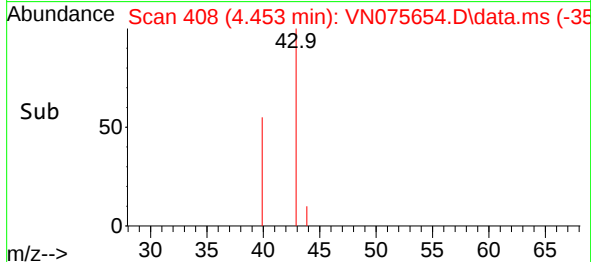
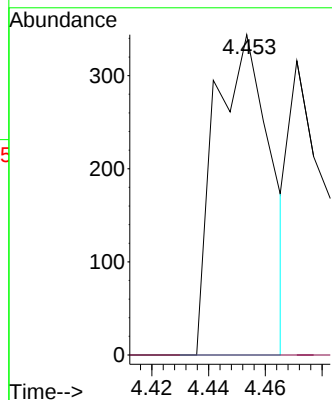
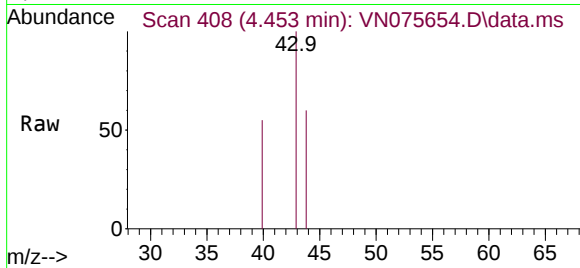
MID1222

Tgt Ion: 43 Resp: 467

Ion Ratio Lower Upper

43 100

58 0.0 25.5 38.3#



#18

Methyl Acetate

Concen: Below Cal

RT: 5.048 min Scan# 509

Delta R.T. 0.012 min

Lab File: VN075654.D

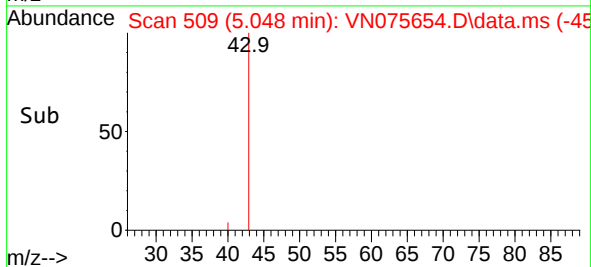
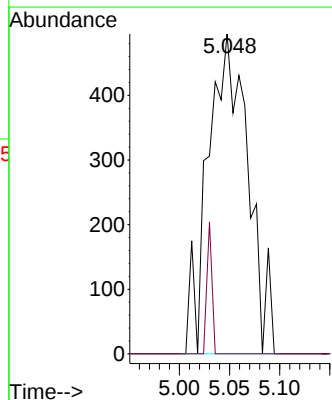
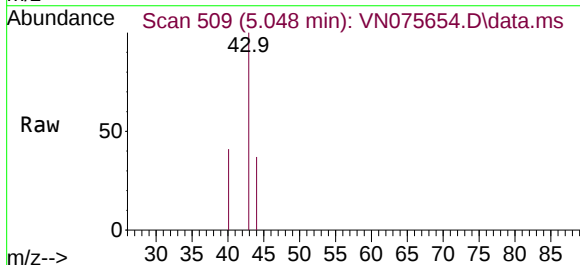
Acq: 08 Dec 2022 17:44

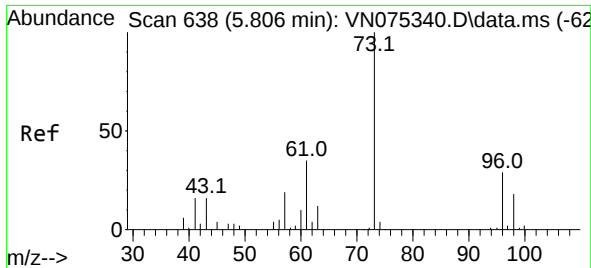
Tgt Ion: 43 Resp: 1370

Ion Ratio Lower Upper

43 100

74 5.3 22.0 33.0#

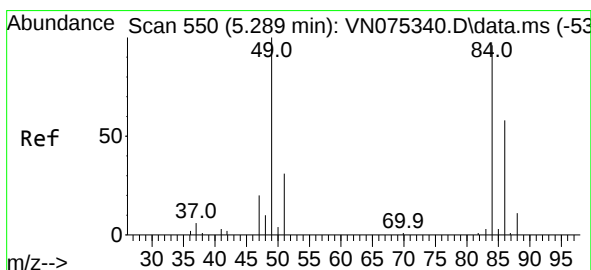
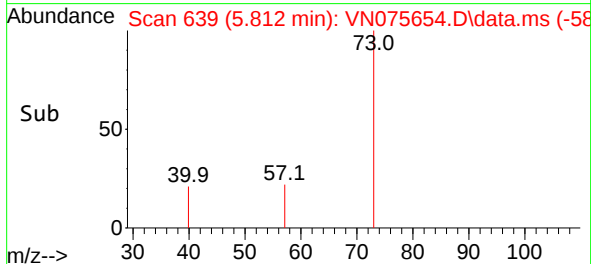
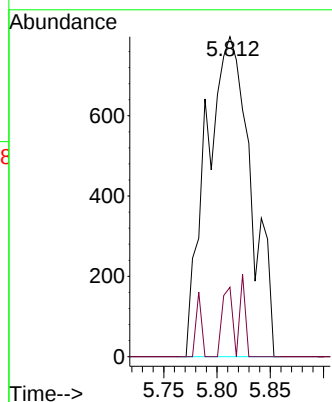
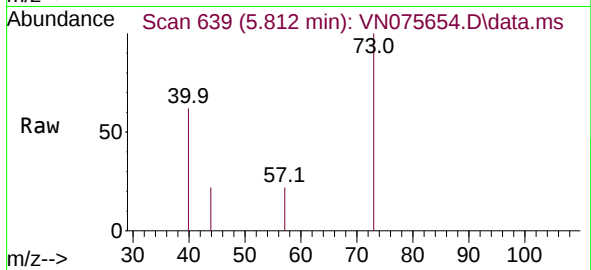




#19
Methyl tert-butyl Ether
Concen: 0.432 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075654.D
Acq: 08 Dec 2022 17:44

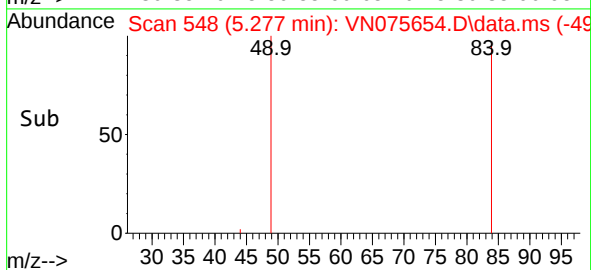
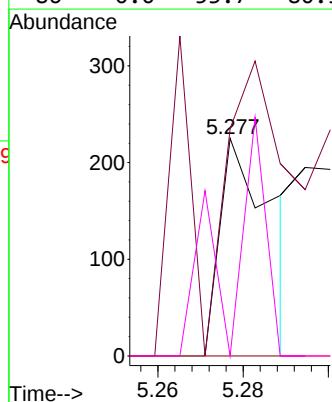
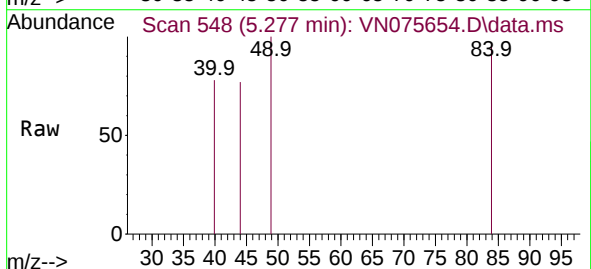
Instrument :
MSVOA_N
ClientSampleId :
MID1222

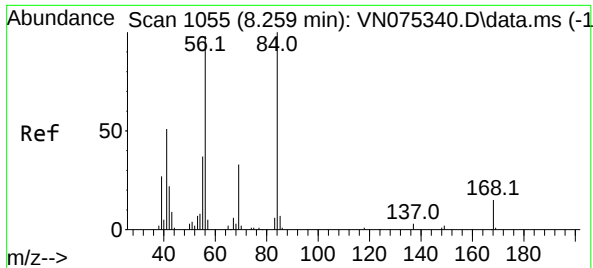
Tgt Ion: 73 Resp: 2314
Ion Ratio Lower Upper
73 100
57 21.7 16.3 24.5



#20
Methylene Chloride
Concen: Below Cal
RT: 5.277 min Scan# 548
Delta R.T. -0.012 min
Lab File: VN075654.D
Acq: 08 Dec 2022 17:44

Tgt Ion: 84 Resp: 192
Ion Ratio Lower Upper
84 100
49 16.0 94.9 142.3#
51 0.0 26.8 40.2#
86 0.0 53.7 80.5#

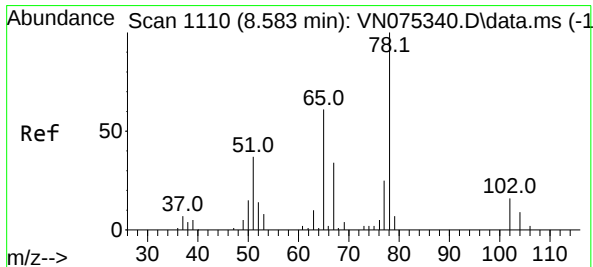
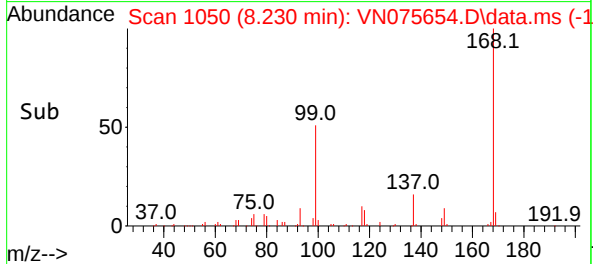
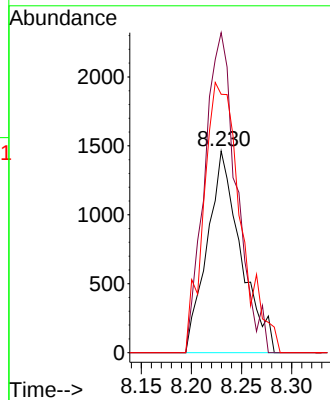
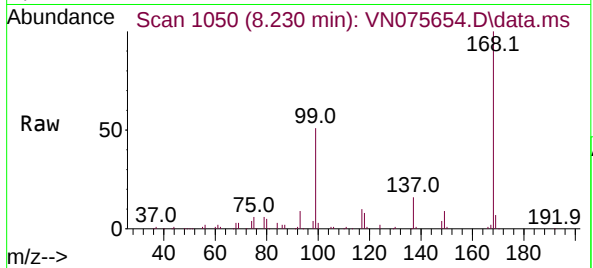




#31
Cyclohexane
Concen: 1.223 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.029 min
Lab File: VN075654.D
Acq: 08 Dec 2022 17:44

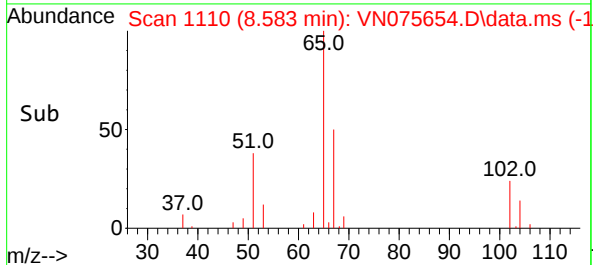
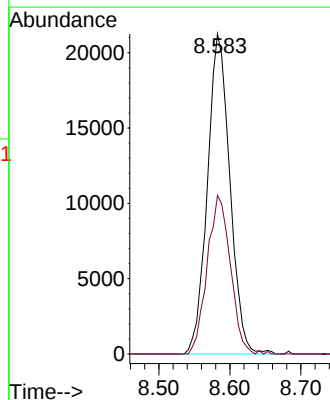
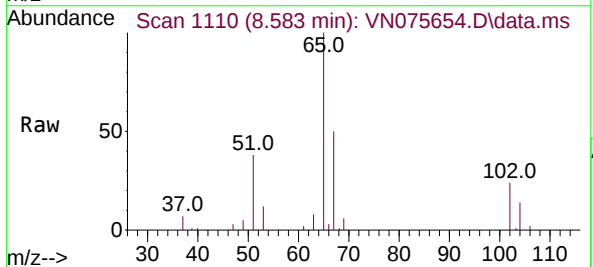
Instrument :
MSVOA_N
ClientSampleId :
MID1222

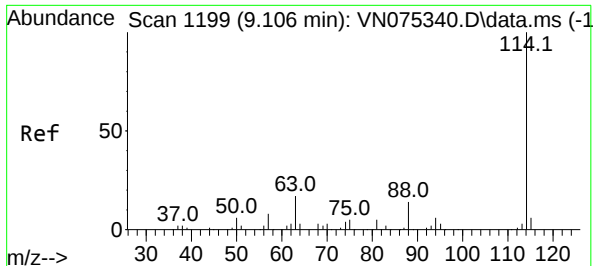
Tgt Ion: 56 Resp: 3402
Ion Ratio Lower Upper
56 100
69 158.8 25.2 37.8#
84 128.2 77.8 116.8#



#33
1,2-Dichloroethane-d4
Concen: 53.383 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN075654.D
Acq: 08 Dec 2022 17:44

Tgt Ion: 65 Resp: 46746
Ion Ratio Lower Upper
65 100
67 50.7 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: VN075654.D

Acq: 08 Dec 2022 17:44

Instrument :

MSVOA_N

ClientSampleId :

MID1222

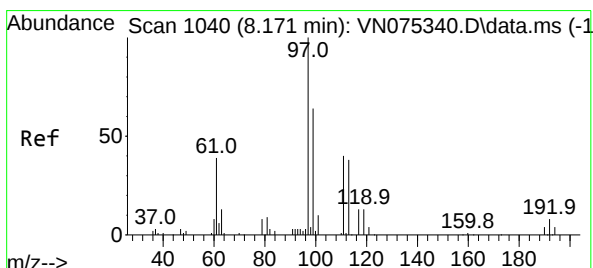
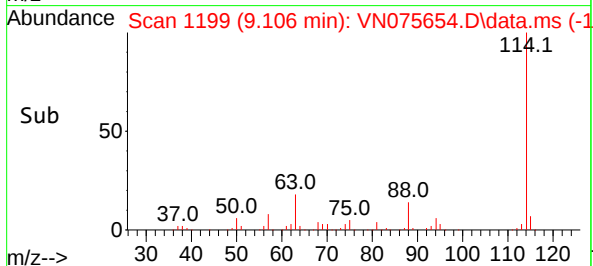
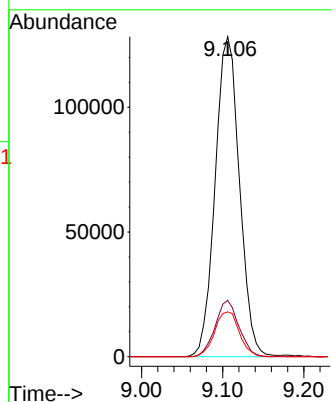
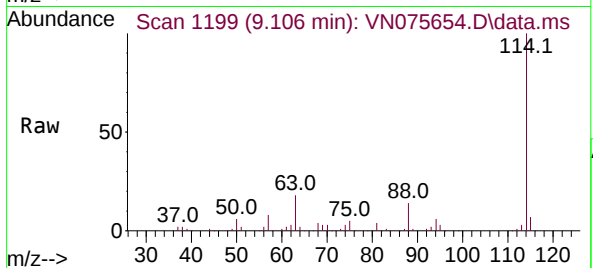
Tgt Ion:114 Resp: 267081

Ion Ratio Lower Upper

114 100

63 17.6 0.0 39.6

88 14.0 0.0 29.0



#35

Dibromofluoromethane

Concen: 57.026 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075654.D

Acq: 08 Dec 2022 17:44

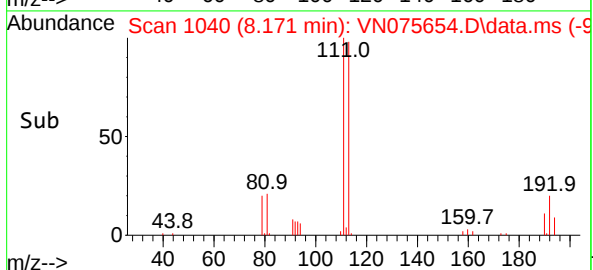
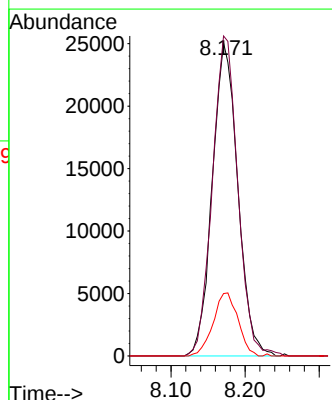
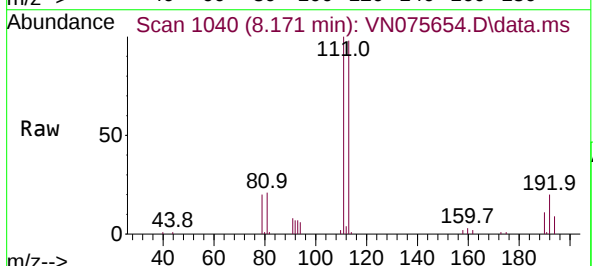
Tgt Ion:113 Resp: 59831

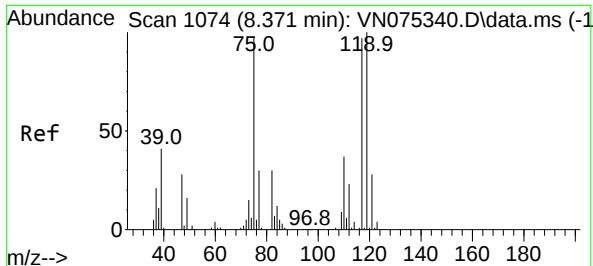
Ion Ratio Lower Upper

113 100

111 101.9 80.5 120.7

192 19.6 13.2 19.8





#36

1,1-Dichloropropene

Concen: 4.818 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.141 min

Lab File: VN075654.D

Acq: 08 Dec 2022 17:44

Instrument :

MSVOA_N

ClientSampleId :

MID1222

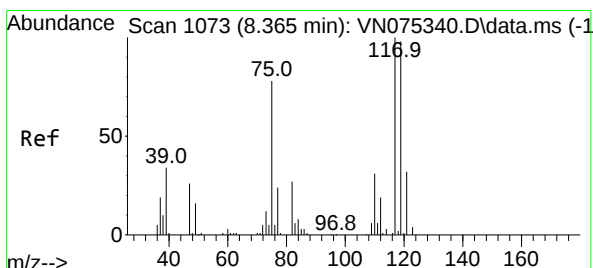
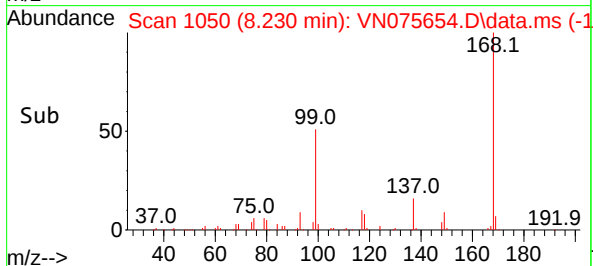
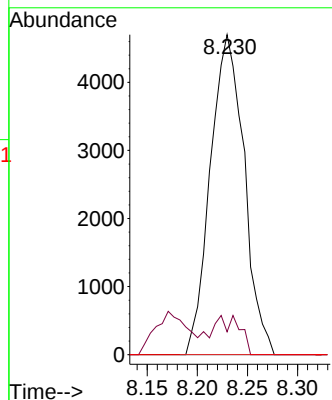
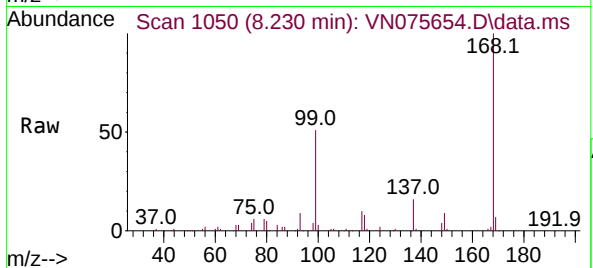
Tgt Ion: 75 Resp: 11024

Ion Ratio Lower Upper

75 100

110 2.0 17.8 53.3#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 6.363 ug/l

RT: 8.236 min Scan# 1051

Delta R.T. -0.129 min

Lab File: VN075654.D

Acq: 08 Dec 2022 17:44

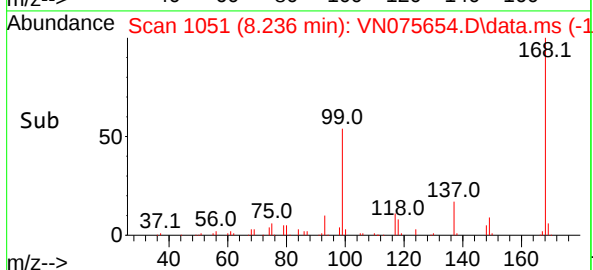
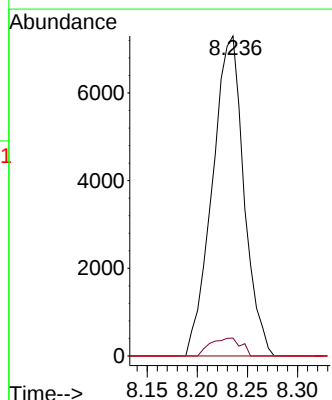
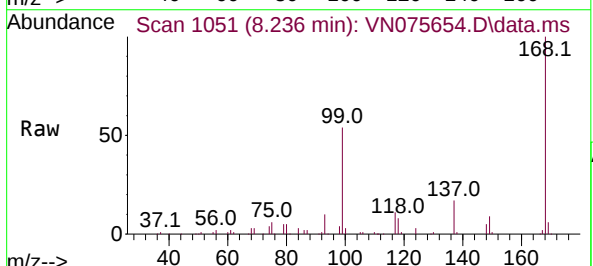
Tgt Ion: 117 Resp: 15994

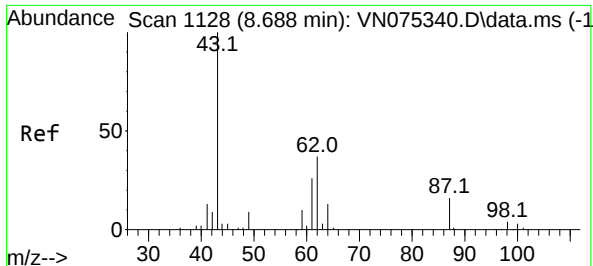
Ion Ratio Lower Upper

117 100

119 5.6 76.7 115.1#

121 0.0 23.9 35.9#





#43

Isopropyl Acetate

Concen: 0.837 ug/l

RT: 8.665 min Scan# 1124

Delta R.T. -0.023 min

Lab File: VN075654.D

Acq: 08 Dec 2022 17:44

Instrument :

MSVOA_N

ClientSampleId :

MID1222

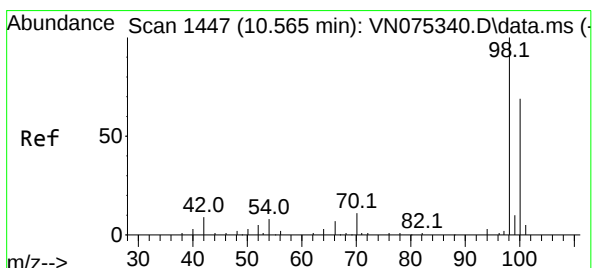
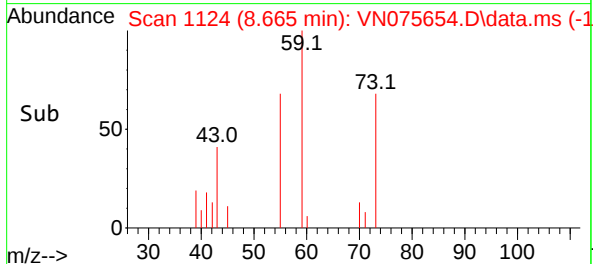
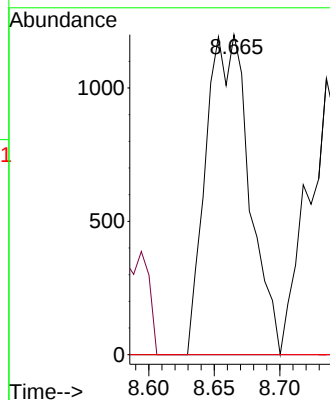
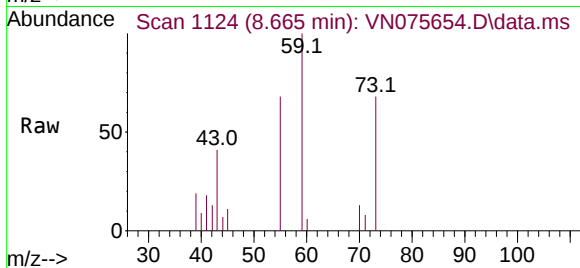
Tgt Ion: 43 Resp: 2768

Ion Ratio Lower Upper

43 100

61 0.0 22.4 33.6#

87 0.0 12.5 18.7#



#50

Toluene-d8

Concen: 50.223 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VN075654.D

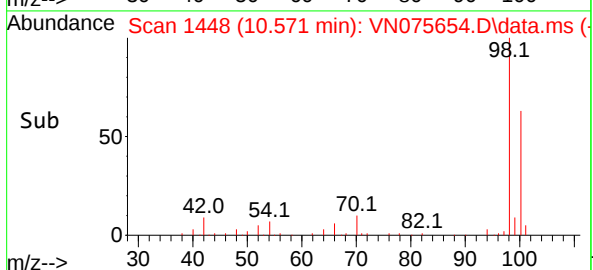
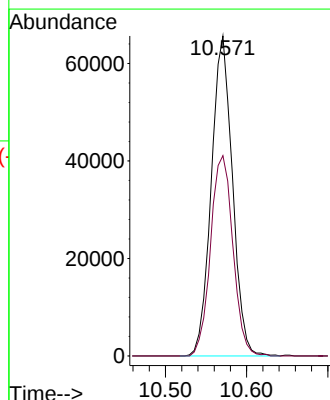
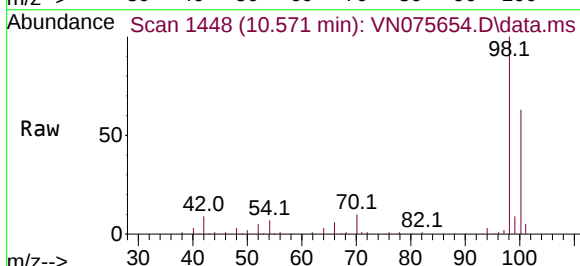
Acq: 08 Dec 2022 17:44

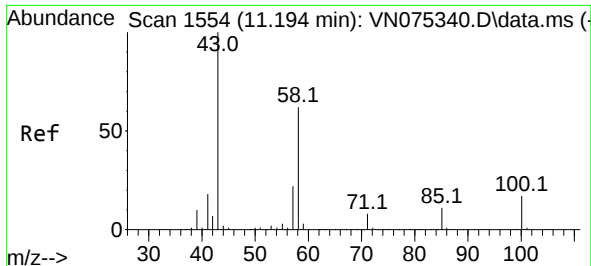
Tgt Ion: 98 Resp: 118680

Ion Ratio Lower Upper

98 100

100 66.2 53.0 79.6

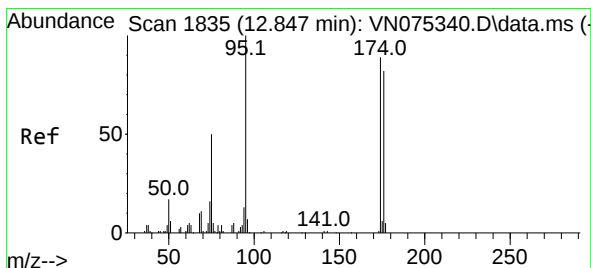
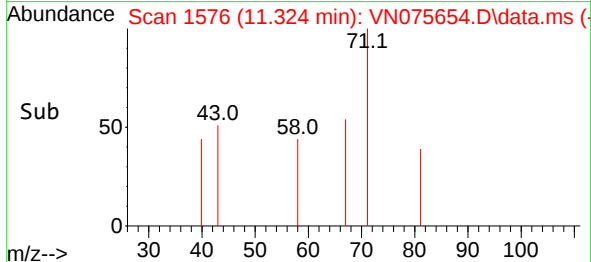
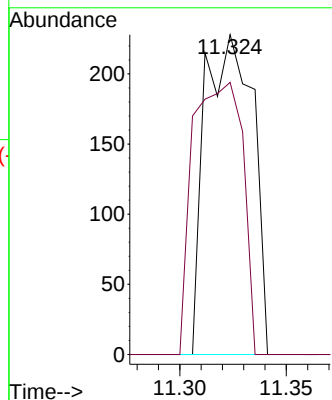
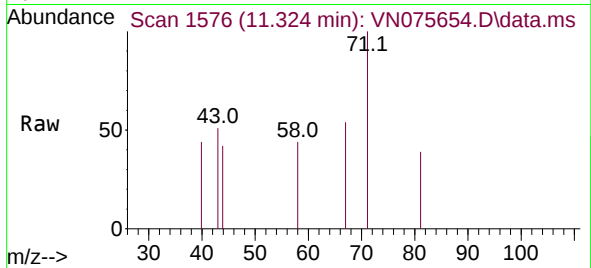




#59
2-Hexanone
Concen: 0.225 ug/l
RT: 11.324 min Scan# 11
Delta R.T. 0.130 min
Lab File: VN075654.D
Acq: 08 Dec 2022 17:44

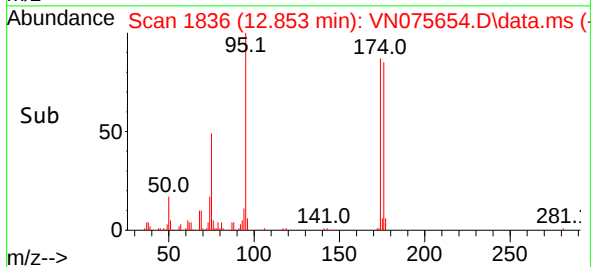
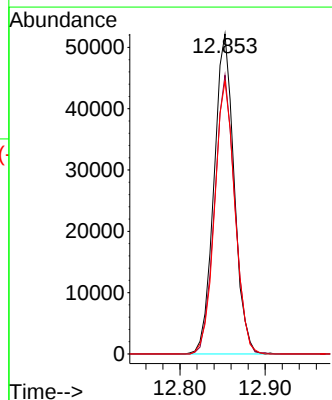
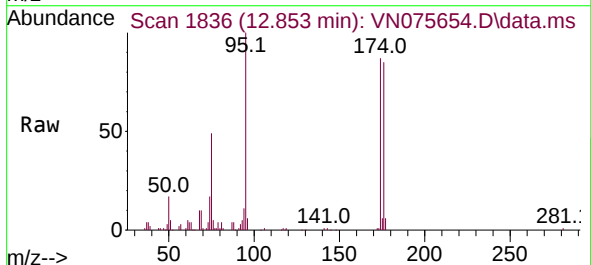
Instrument :
MSVOA_N
ClientSampleId :
MID1222

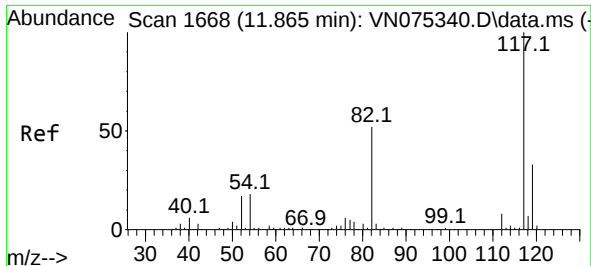
Tgt Ion: 43 Resp: 356
Ion Ratio Lower Upper
43 100
58 88.2 29.6 88.8



#62
4-Bromofluorobenzene
Concen: 49.035 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075654.D
Acq: 08 Dec 2022 17:44

Tgt Ion: 95 Resp: 85526
Ion Ratio Lower Upper
95 100
174 87.1 0.0 147.4
176 85.8 0.0 142.2

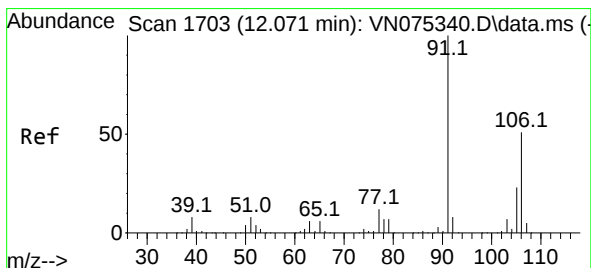
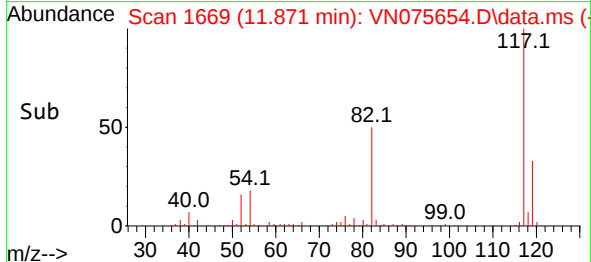
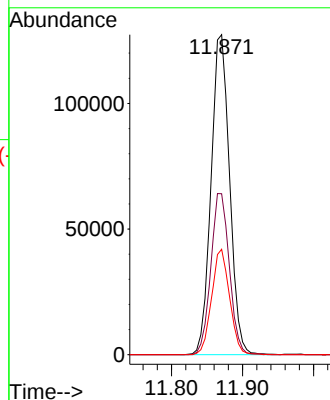
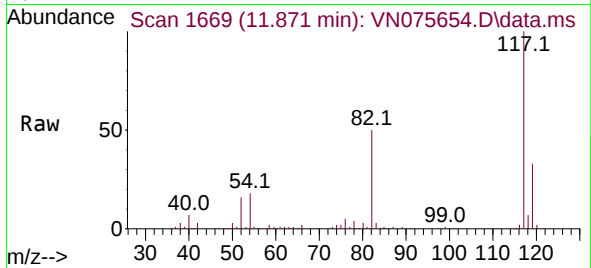




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN075654.D
Acq: 08 Dec 2022 17:44

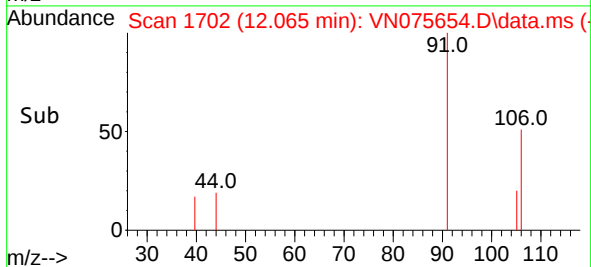
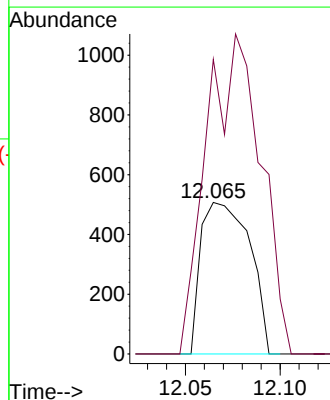
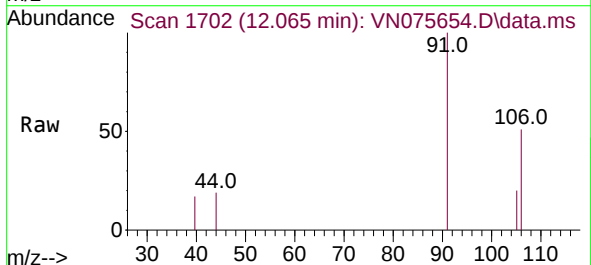
Instrument :
MSVOA_N
ClientSampleId :
MID1222

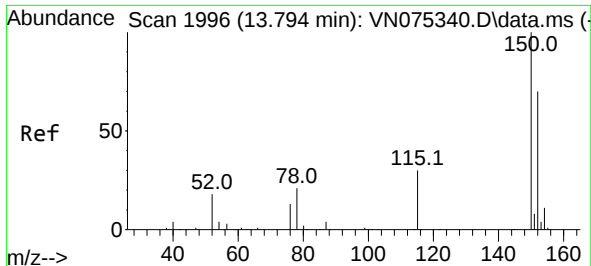
Tgt Ion:117 Resp: 230418
Ion Ratio Lower Upper
117 100
82 50.3 43.1 64.7
119 33.0 25.5 38.3



#68
m/p-Xylenes
Concen: 0.276 ug/l
RT: 12.065 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN075654.D
Acq: 08 Dec 2022 17:44

Tgt Ion:106 Resp: 910
Ion Ratio Lower Upper
106 100
91 234.4 156.0 234.0#

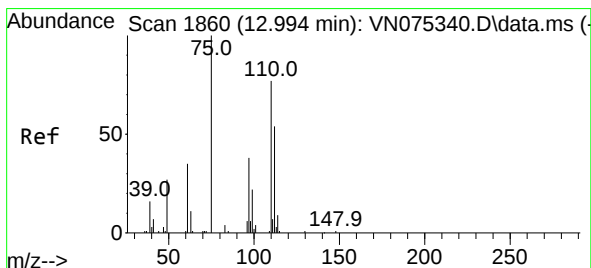
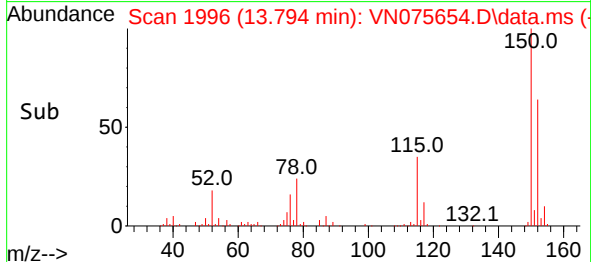
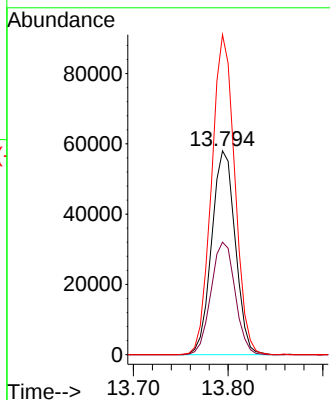
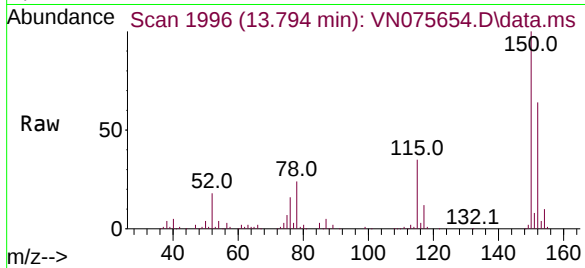




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. 0.000 min
 Lab File: VN075654.D
 Acq: 08 Dec 2022 17:44

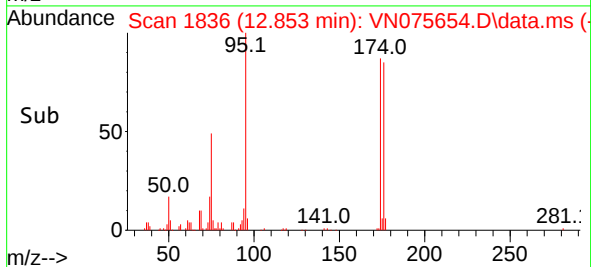
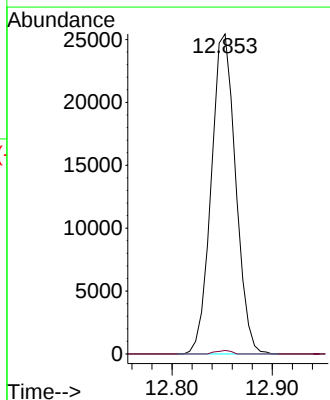
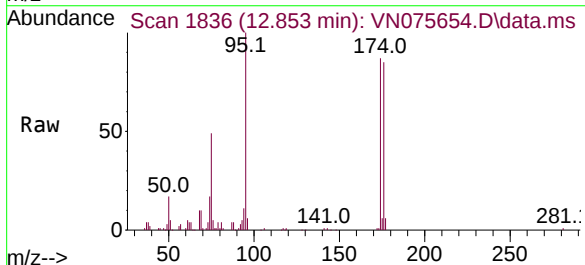
Instrument :
 MSVOA_N
 ClientSampleId :
 MID1222

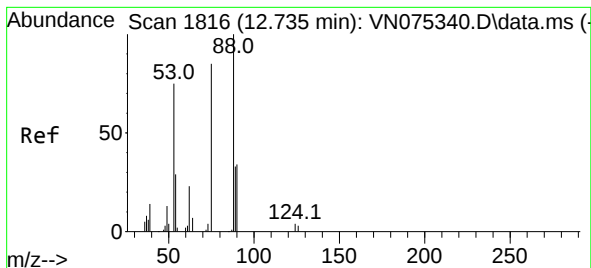
Tgt Ion:152 Resp: 100575
 Ion Ratio Lower Upper
 152 100
 115 56.4 30.2 90.6
 150 154.2 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 22.632 ug/l
 RT: 12.853 min Scan# 1836
 Delta R.T. -0.141 min
 Lab File: VN075654.D
 Acq: 08 Dec 2022 17:44

Tgt Ion: 75 Resp: 43038
 Ion Ratio Lower Upper
 75 100
 77 0.7 75.6 226.8#

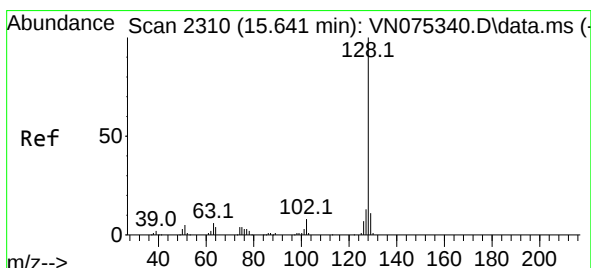
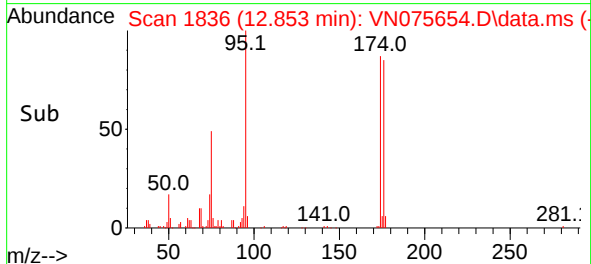
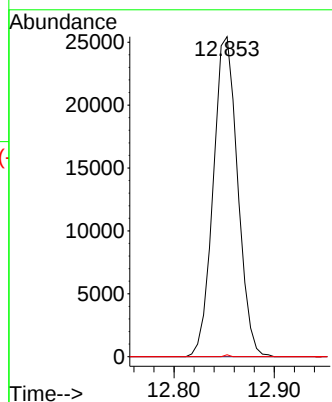
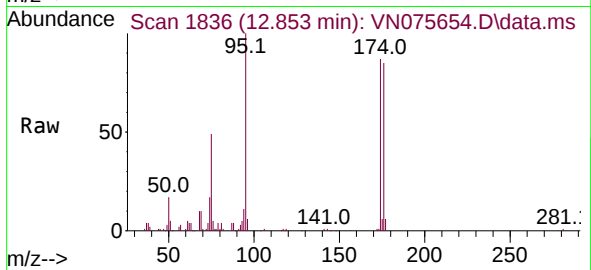




#81
trans-1,4-Dichloro-2-butene
Concen: 66.964 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.118 min
Lab File: VN075654.D
Acq: 08 Dec 2022 17:44

Instrument :
MSVOA_N
ClientSampleId :
MID1222

Tgt Ion: 75 Resp: 43038
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.1 37.7 56.5#



#95
Naphthalene
Concen: 0.392 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN075654.D
Acq: 08 Dec 2022 17:44

Tgt Ion:128 Resp: 2118
Ion Ratio Lower Upper
128 100
127 8.4 10.4 15.6#
129 0.0 8.6 12.8#

