

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112822\
 Data File : VN075441.D
 Acq On : 28 Nov 2022 12:07
 Operator : JC\MD
 Sample : N5757-01DL 2X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE117D1-20221121DL

Quant Time: Nov 29 05:31:06 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)

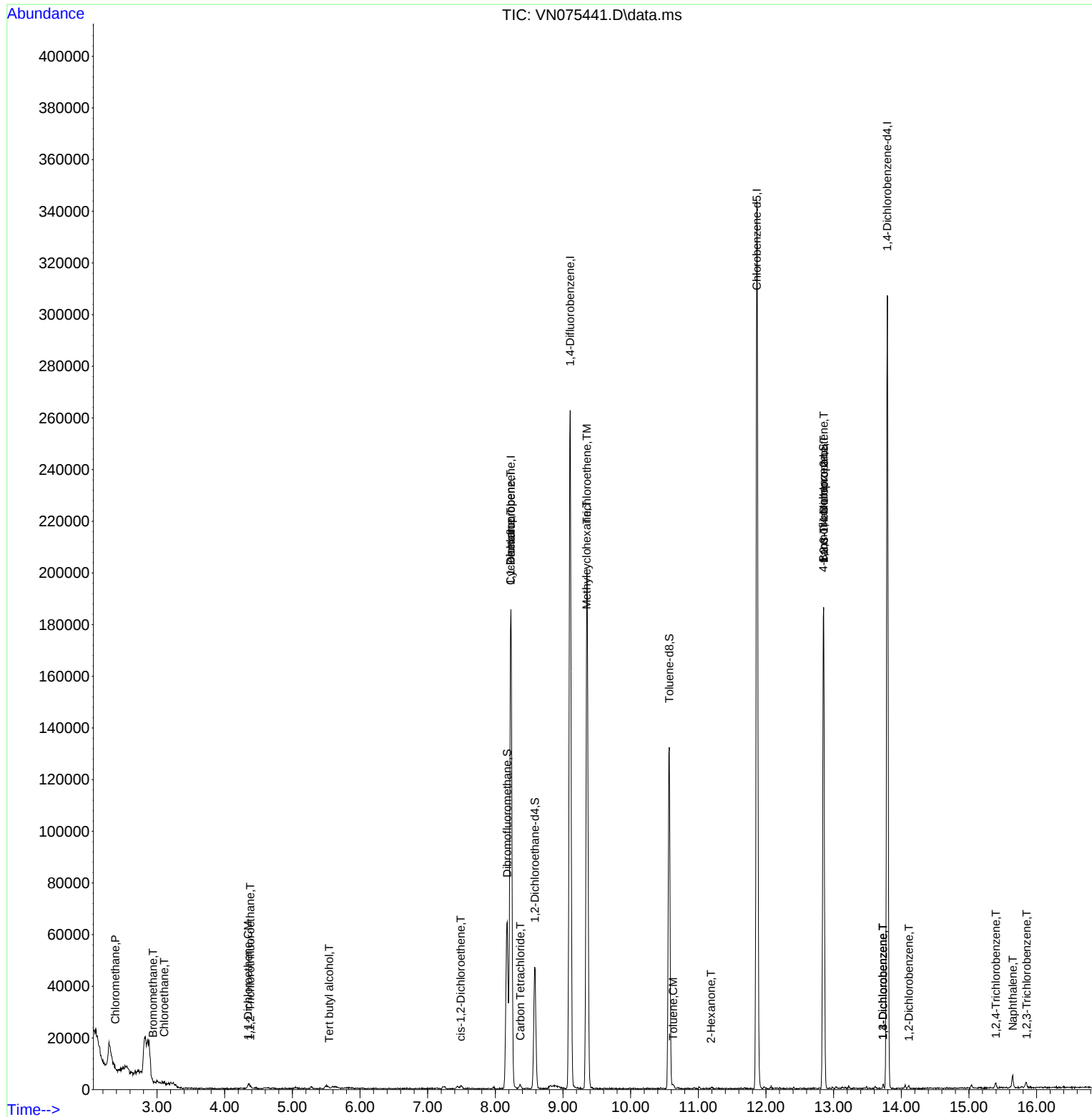
Internal Standards						
1) Pentafluorobenzene	8.230	168	142703	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	244358	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	209329	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	84773	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	38100	49.738	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.480%		
35) Dibromofluoromethane	8.177	113	46500	48.442	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.880%		
50) Toluene-d8	10.571	98	97218	44.967	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.940%		
62) 4-Bromofluorobenzene	12.847	95	65126	40.811	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	81.620%#		
Target Compounds						Qvalue
3) Chloromethane	2.383	50	425	0.313	ug/l #	42
5) Bromomethane	2.942	94	426	0.283	ug/l #	5
6) Chloroethane	3.106	64	413	0.319	ug/l #	45
9) 1,1,2-Trichlorotrifluo...	4.377	101	501	0.371	ug/l #	55
11) Tert butyl alcohol	5.542	59	121	0.376	ug/l #	72
12) 1,1-Dichloroethene	4.348	96	659	0.499	ug/l #	93
18) Methyl Acetate	5.047	43	1008	Below Cal	#	47
20) Methylene Chloride	5.289	84	300	Below Cal	#	46
27) cis-1,2-Dichloroethene	7.488	96	642	0.377	ug/l	98
31) Cyclohexane	8.224	56	2711	1.114	ug/l #	45
36) 1,1-Dichloropropene	8.224	75	11044	5.276	ug/l #	49
38) Carbon Tetrachloride	8.371	117	1160	0.504	ug/l #	62
39) Methylcyclohexane	9.347	83	918	0.350	ug/l #	9
44) Trichloroethene	9.353	130	74409	42.429	ug/l	96
52) Toluene	10.629	92	839	0.203	ug/l	93
59) 2-Hexanone	11.188	43	624	0.431	ug/l #	53
76) 1,2,3-Trichloropropane	12.853	75	33545	20.929	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	33545	61.923	ug/l #	10
87) 1,3-Dichlorobenzene	13.729	146	728	0.251	ug/l	70
88) 1,4-Dichlorobenzene	13.729	146	728	0.247	ug/l	70
91) 1,2-Dichlorobenzene	14.112	146	740	0.262	ug/l #	68
93) 1,2,4-Trichlorobenzene	15.400	180	907	0.627	ug/l #	83
95) Naphthalene	15.647	128	5265	1.156	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.853	180	1160	0.816	ug/l #	18

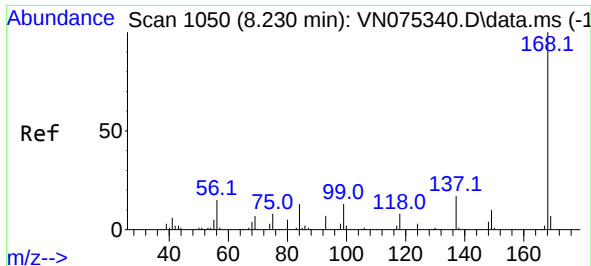
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112822\
Data File : VN075441.D
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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20221121DL

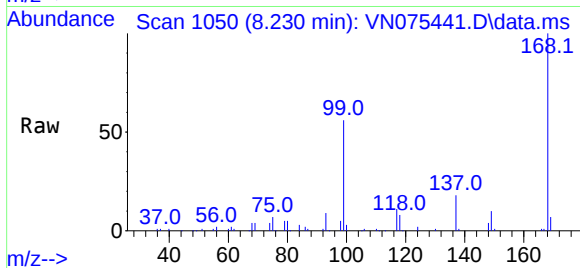
Quant Time: Nov 29 05:31:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 23 00:18:03 2022
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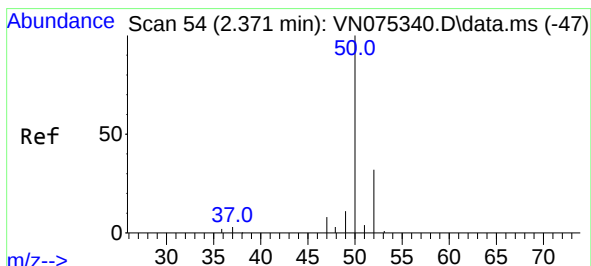
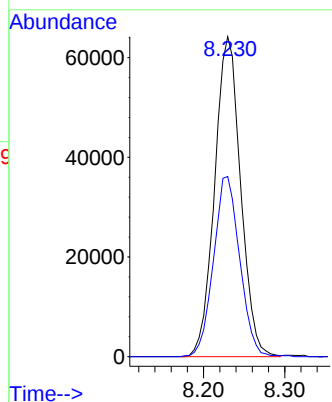
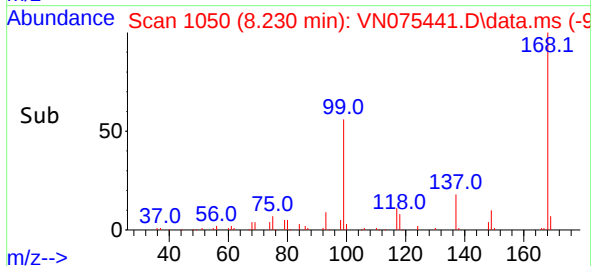


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN075441.D
Acq: 28 Nov 2022 12:07

Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20221121DL

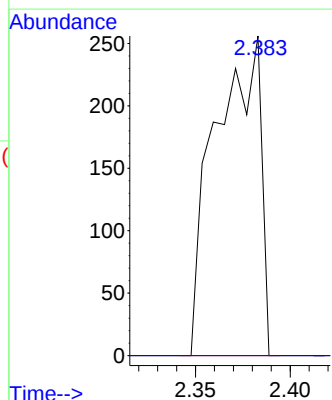
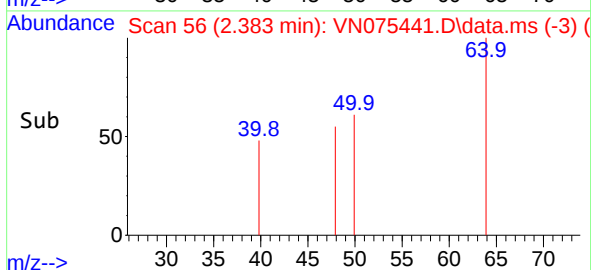
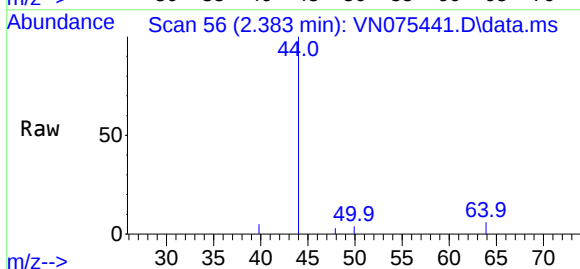


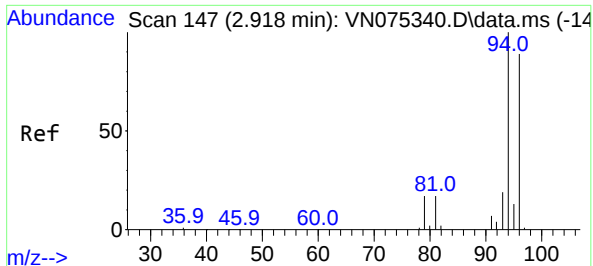
Tgt Ion:168 Resp: 142703
Ion Ratio Lower Upper
168 100
99 56.3 51.6 77.4



#3
Chloromethane
Concen: 0.313 ug/l
RT: 2.383 min Scan# 56
Delta R.T. 0.012 min
Lab File: VN075441.D
Acq: 28 Nov 2022 12:07

Tgt Ion: 50 Resp: 425
Ion Ratio Lower Upper
50 100
52 0.0 25.8 38.6#

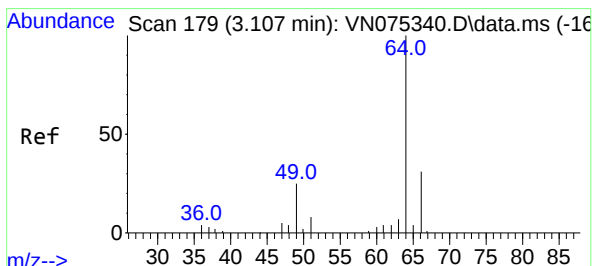
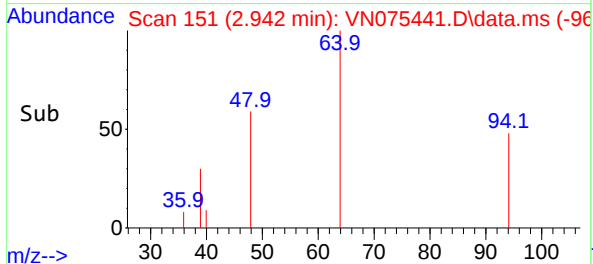
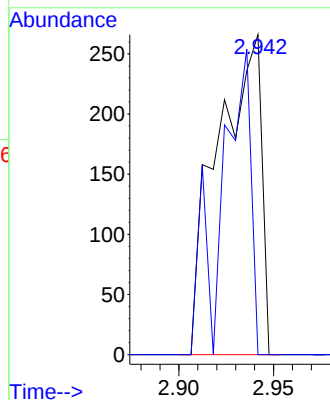
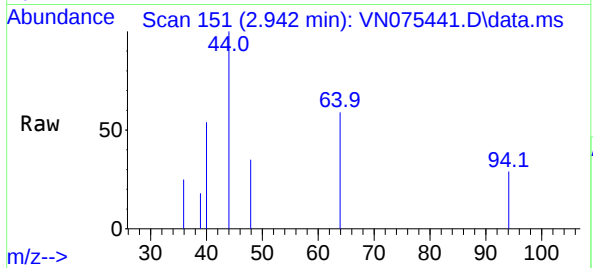




#5
Bromomethane
Concen: 0.283 ug/l
RT: 2.942 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN075441.D
Acq: 28 Nov 2022 12:07

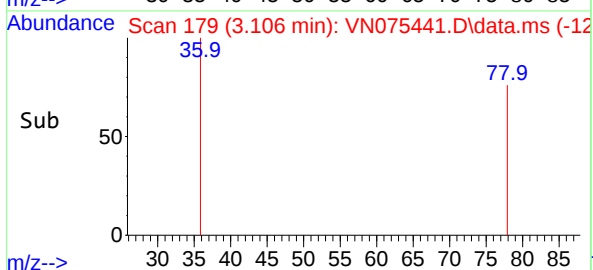
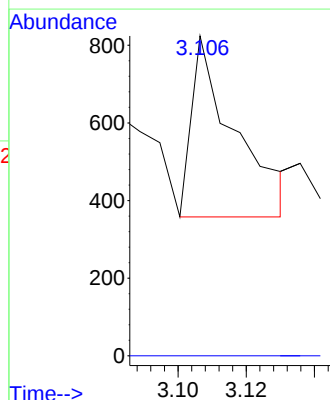
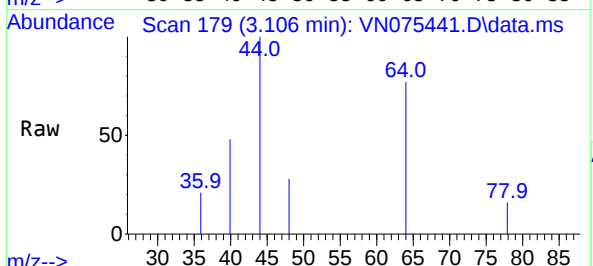
Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20221121DL

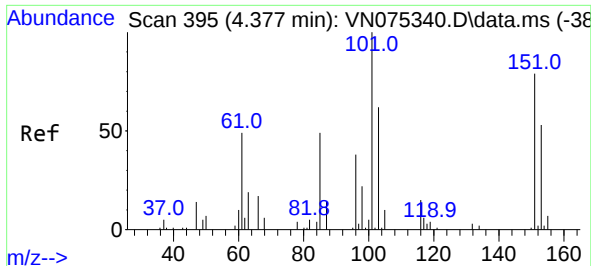
Tgt Ion: 94 Resp: 426
Ion Ratio Lower Upper
94 100
96 0.0 71.8 107.6#



#6
Chloroethane
Concen: 0.319 ug/l
RT: 3.106 min Scan# 179
Delta R.T. -0.001 min
Lab File: VN075441.D
Acq: 28 Nov 2022 12:07

Tgt Ion: 64 Resp: 413
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#

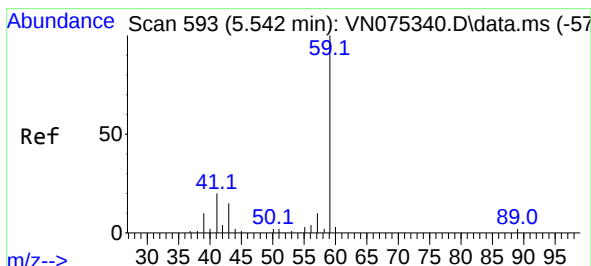
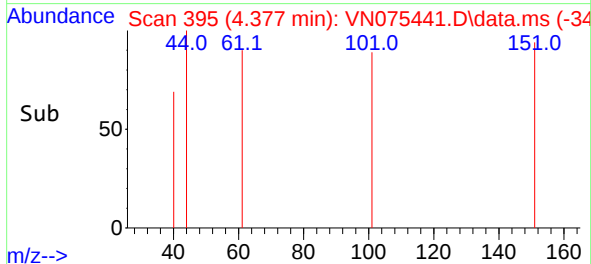
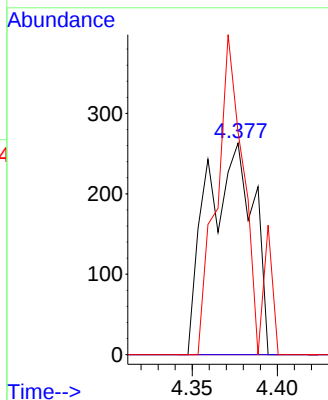
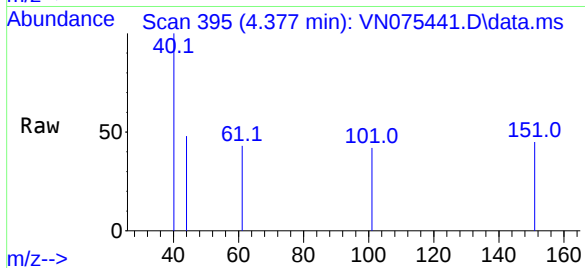




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.371 ug/l
RT: 4.377 min Scan# 395
Delta R.T. -0.000 min
Lab File: VN075441.D
Acq: 28 Nov 2022 12:07

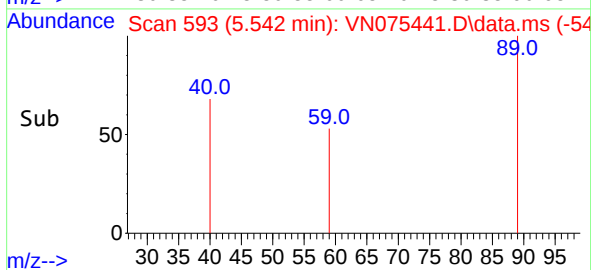
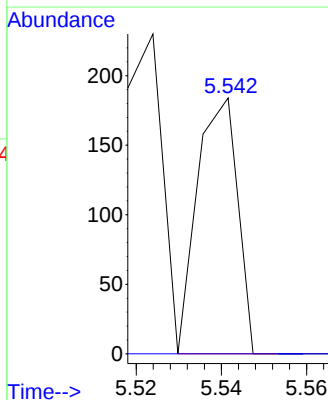
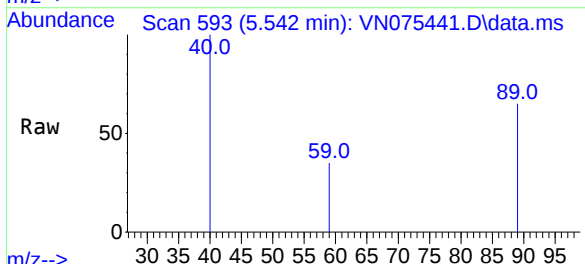
Instrument :
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ClientSampleId :
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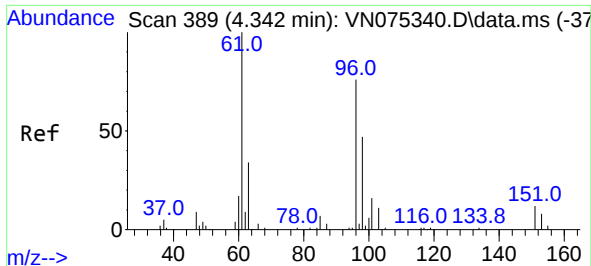
Tgt Ion:101 Resp: 501
Ion Ratio Lower Upper
101 100
85 0.0 37.6 56.4#
151 96.8 58.3 87.5#



#11
Tert butyl alcohol
Concen: 0.376 ug/l
RT: 5.542 min Scan# 593
Delta R.T. -0.000 min
Lab File: VN075441.D
Acq: 28 Nov 2022 12:07

Tgt Ion: 59 Resp: 121
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

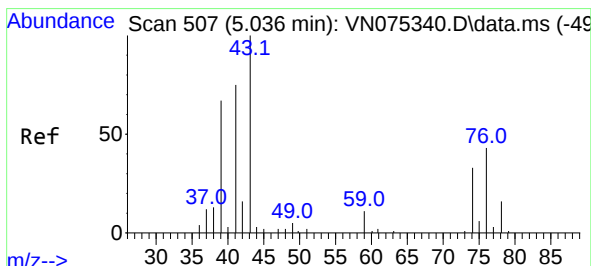
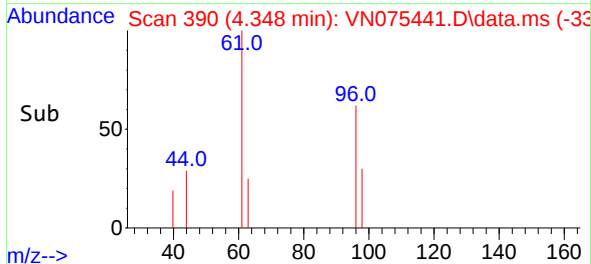
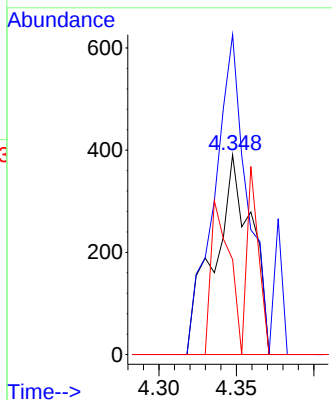
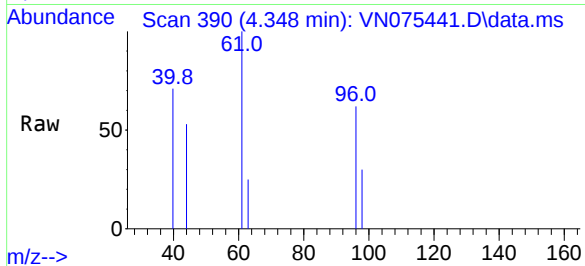




#12
1,1-Dichloroethene
Concen: 0.499 ug/l
RT: 4.348 min Scan# 389
Delta R.T. 0.006 min
Lab File: VN075441.D
Acq: 28 Nov 2022 12:07

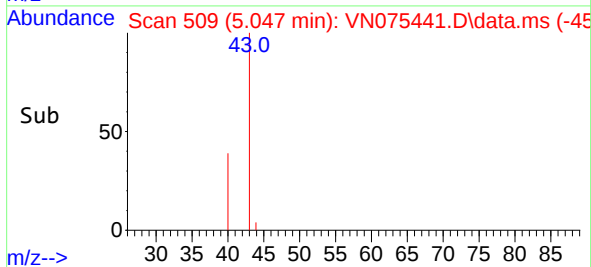
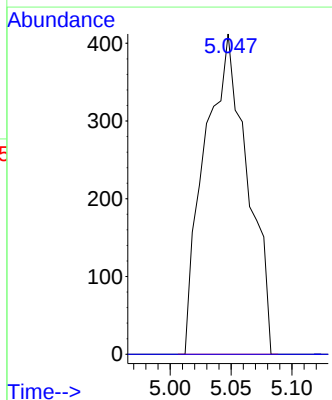
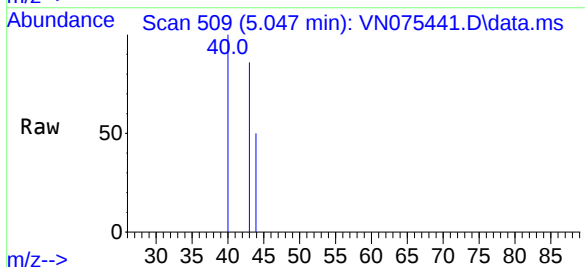
Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20221121DL

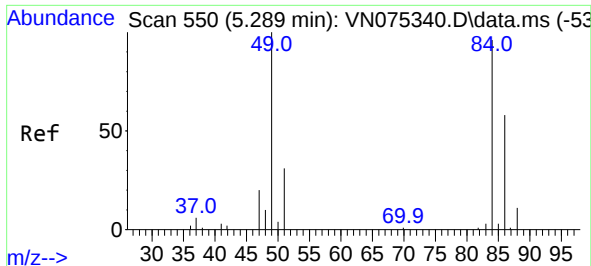
Tgt Ion: 96 Resp: 659
Ion Ratio Lower Upper
96 100
61 160.1 126.2 189.4
98 47.6 51.5 77.3#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.047 min Scan# 509
Delta R.T. 0.011 min
Lab File: VN075441.D
Acq: 28 Nov 2022 12:07

Tgt Ion: 43 Resp: 1008
Ion Ratio Lower Upper
43 100
74 0.0 22.0 33.0#



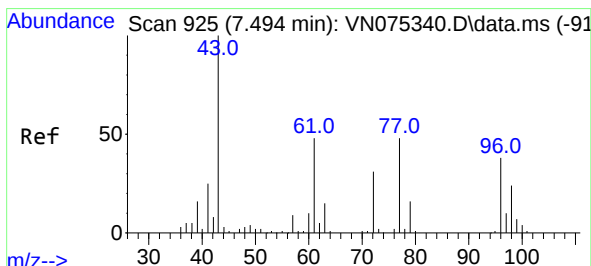
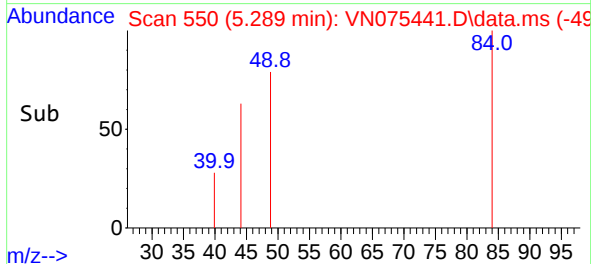
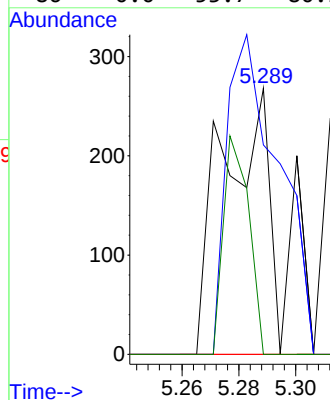
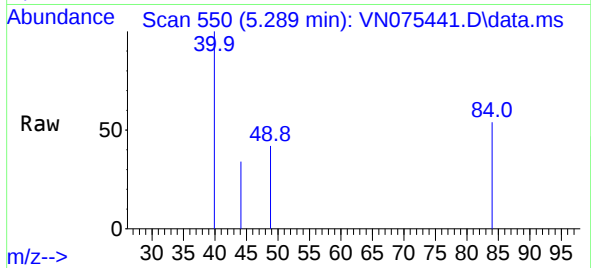


#20
Methylene Chloride
Concen: Below Cal
RT: 5.289 min Scan# 511
Delta R.T. -0.000 min
Lab File: VN075441.D
Acq: 28 Nov 2022 12:07

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 84 Resp: 300

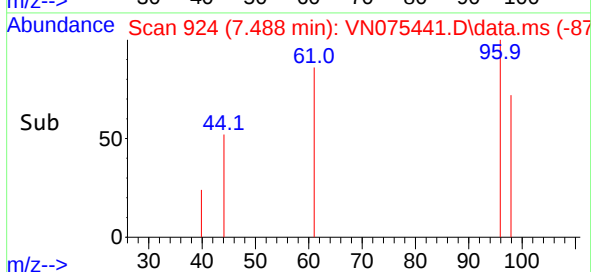
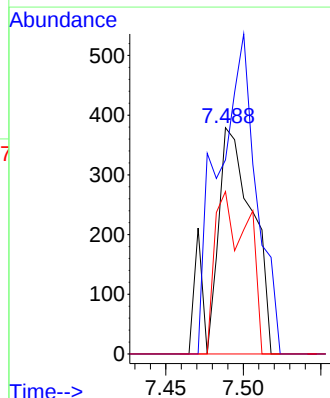
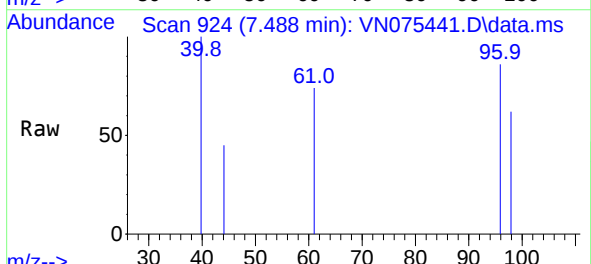
Ion	Ratio	Lower	Upper
84	100		
49	78.7	94.9	142.3#
51	0.0	26.8	40.2#
86	0.0	53.7	80.5#

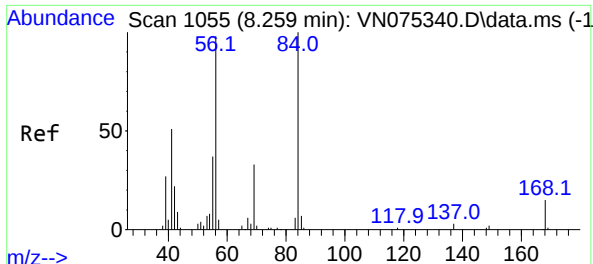


#27
cis-1,2-Dichloroethene
Concen: 0.377 ug/l
RT: 7.488 min Scan# 924
Delta R.T. -0.006 min
Lab File: VN075441.D
Acq: 28 Nov 2022 12:07

Tgt Ion: 96 Resp: 642

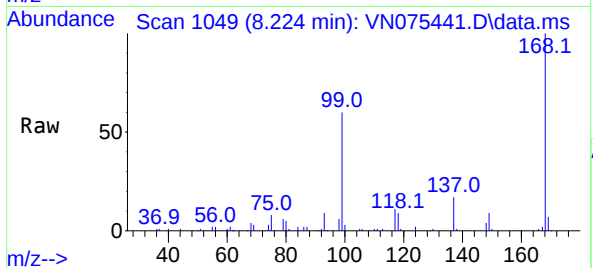
Ion	Ratio	Lower	Upper
96	100		
61	142.4	0.0	278.8
98	62.1	0.0	128.4



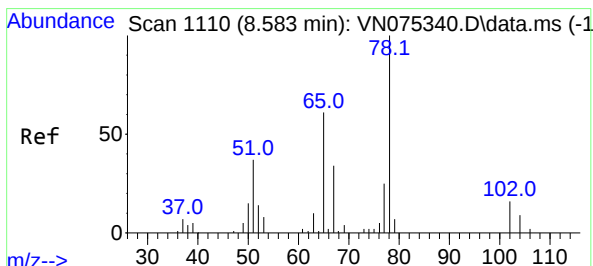
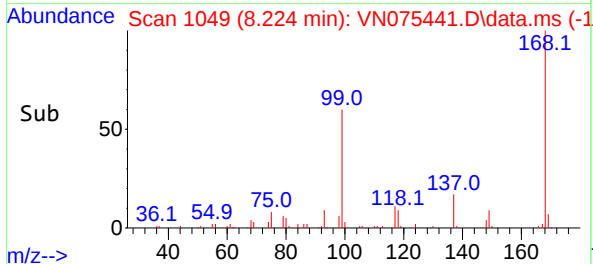
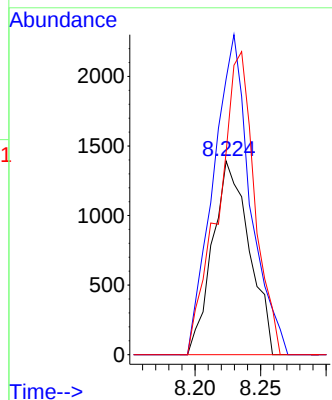


#31
Cyclohexane
Concen: 1.114 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.035 min
Lab File: VN075441.D
Acq: 28 Nov 2022 12:07

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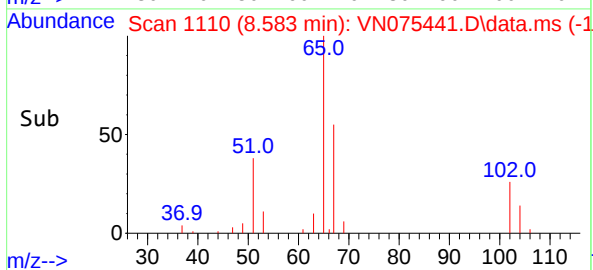
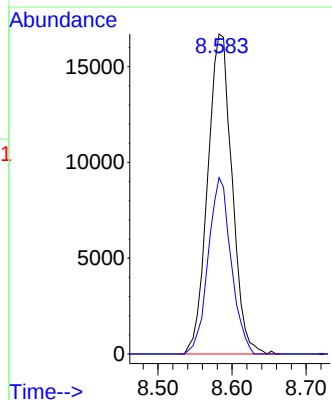
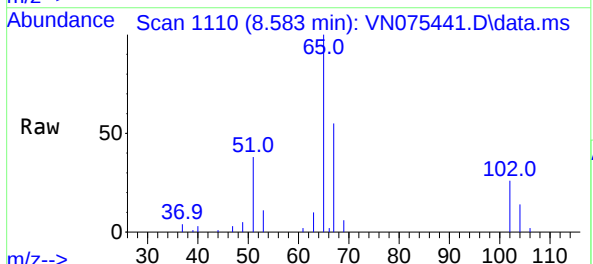


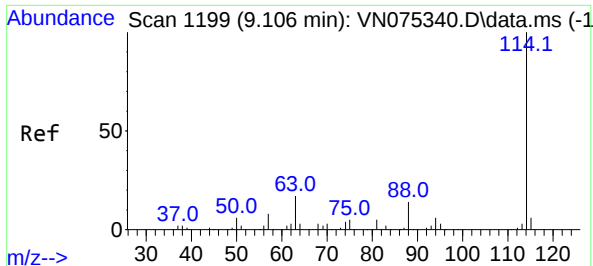
Tgt Ion: 56 Resp: 2711
Ion Ratio Lower Upper
56 100
69 142.5 25.2 37.8#
84 104.5 77.8 116.8



#33
1,2-Dichloroethane-d4
Concen: 49.738 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN075441.D
Acq: 28 Nov 2022 12:07

Tgt Ion: 65 Resp: 38100
Ion Ratio Lower Upper
65 100
67 51.9 0.0 102.0

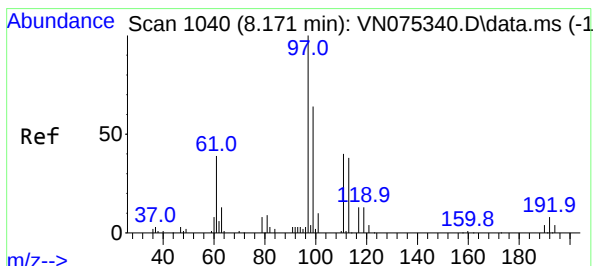
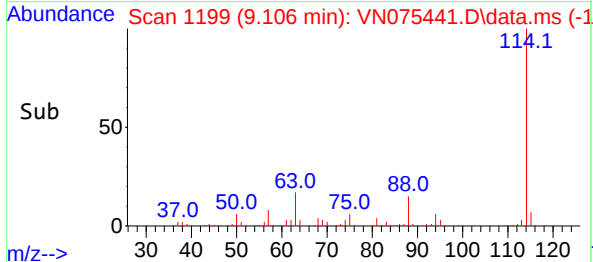
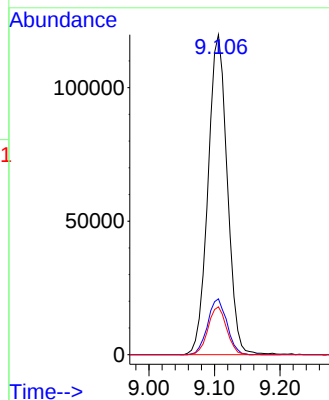
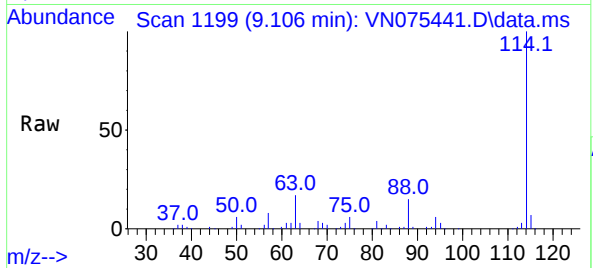




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN075441.D
Acq: 28 Nov 2022 12:07

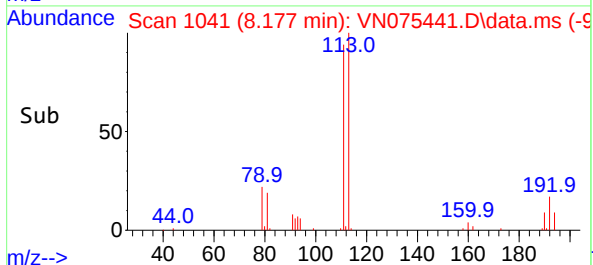
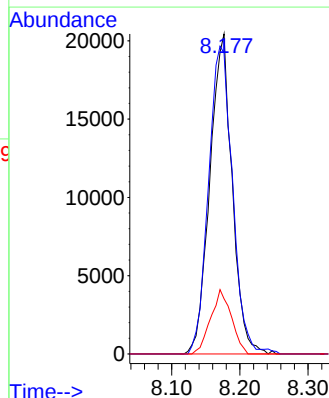
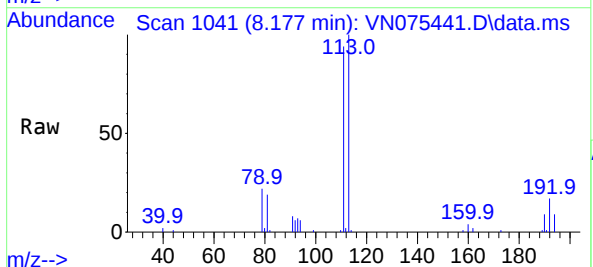
Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20221121DL

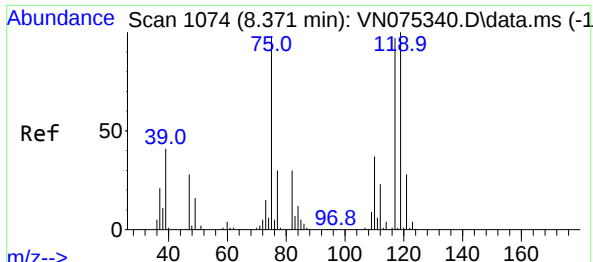
Tgt Ion:114 Resp: 244358
Ion Ratio Lower Upper
114 100
63 17.5 0.0 39.6
88 15.0 0.0 29.0



#35
Dibromofluoromethane
Concen: 48.442 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075441.D
Acq: 28 Nov 2022 12:07

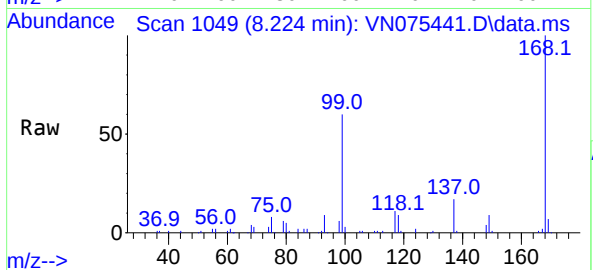
Tgt Ion:113 Resp: 46500
Ion Ratio Lower Upper
113 100
111 103.7 80.5 120.7
192 18.7 13.2 19.8



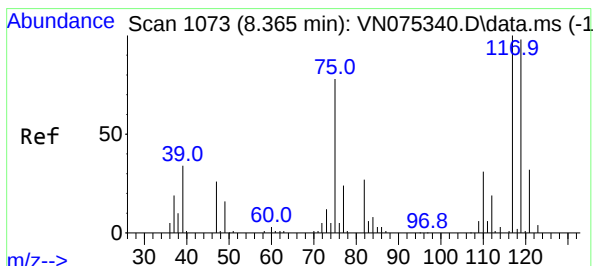
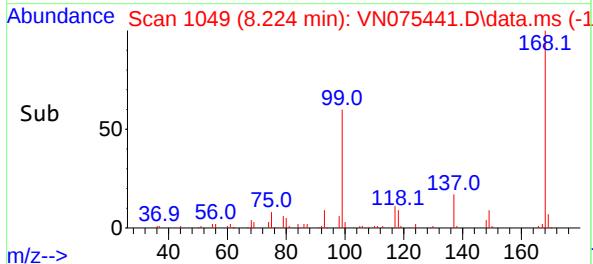
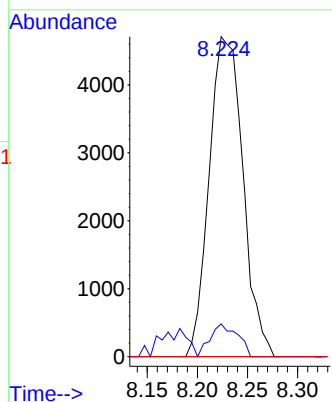


#36
1,1-Dichloropropene
Concen: 5.276 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.147 min
Lab File: VN075441.D
Acq: 28 Nov 2022 12:07

Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20221121DL

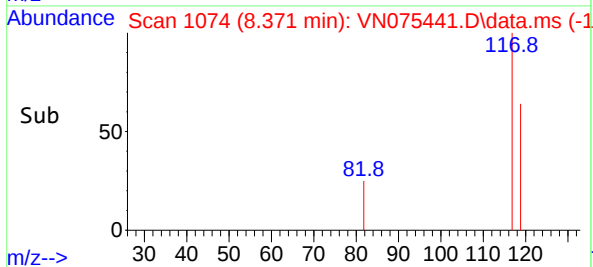
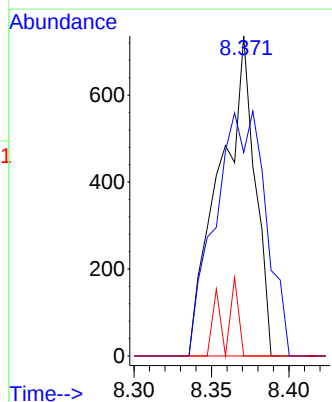
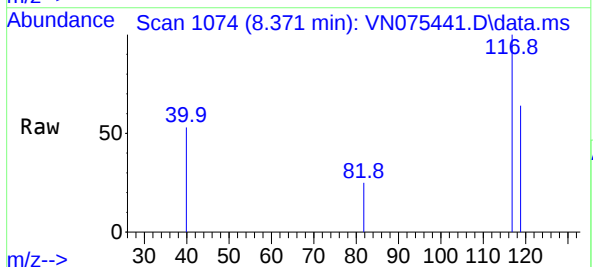


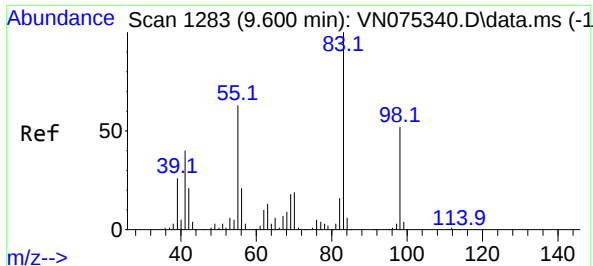
Tgt Ion: 75 Resp: 11044
Ion Ratio Lower Upper
75 100
110 8.3 17.8 53.3#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 0.504 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN075441.D
Acq: 28 Nov 2022 12:07

Tgt Ion: 117 Resp: 1160
Ion Ratio Lower Upper
117 100
119 63.6 76.7 115.1#
121 0.0 23.9 35.9#





#39

Methylcyclohexane

Concen: 0.350 ug/l

RT: 9.347 min Scan# 11

Delta R.T. -0.253 min

Lab File: VN075441.D

Acq: 28 Nov 2022 12:07

Instrument :

MSVOA_N

ClientSampleId :

RE117D1-20221121DL

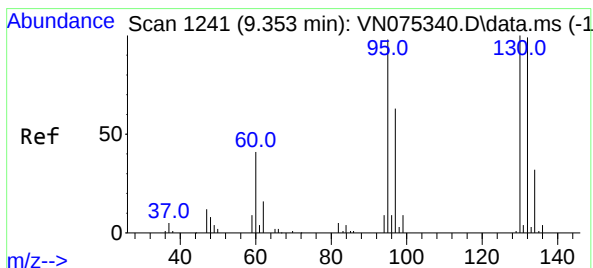
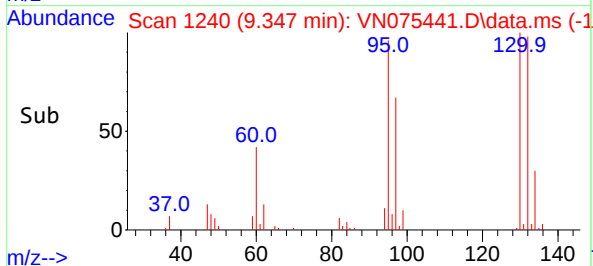
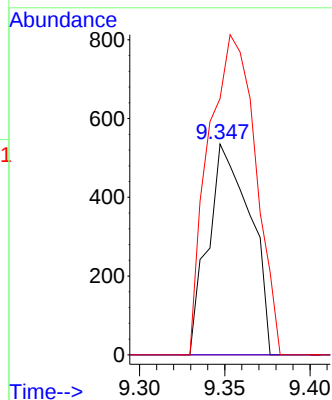
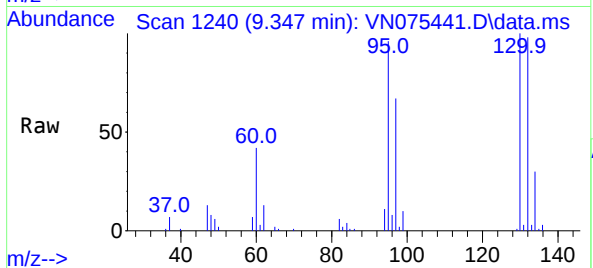
Tgt Ion: 83 Resp: 918

Ion Ratio Lower Upper

83 100

55 0.0 53.6 80.4#

98 121.7 41.1 61.7#



#44

Trichloroethene

Concen: 42.429 ug/l

RT: 9.353 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VN075441.D

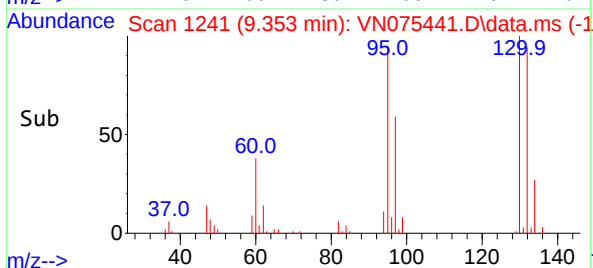
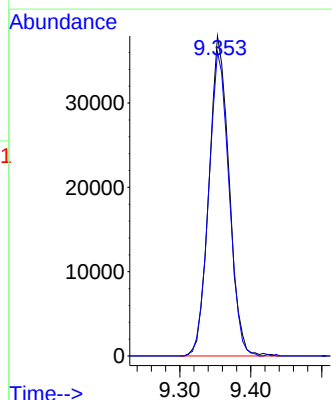
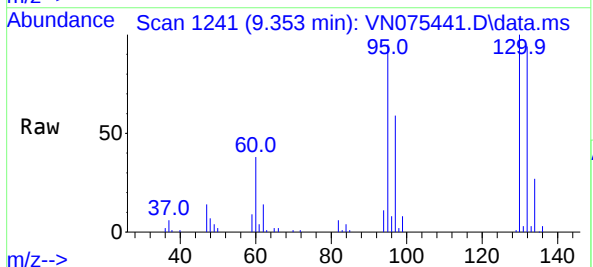
Acq: 28 Nov 2022 12:07

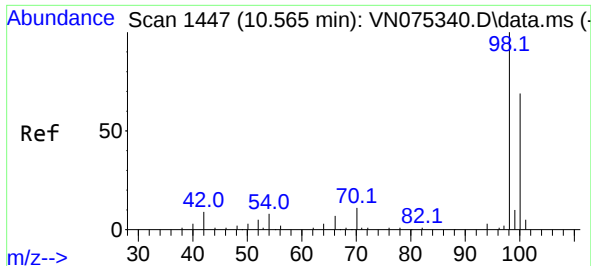
Tgt Ion:130 Resp: 74409

Ion Ratio Lower Upper

130 100

95 95.1 0.0 198.4

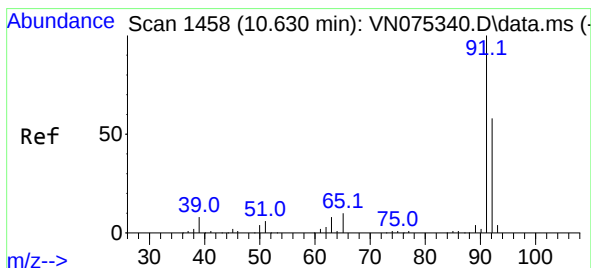
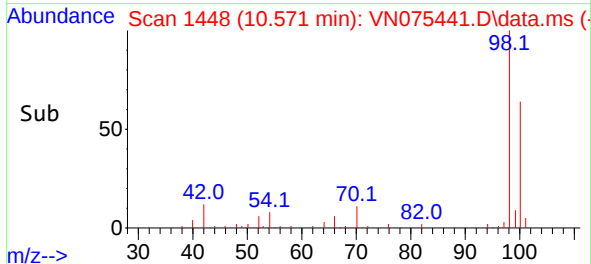
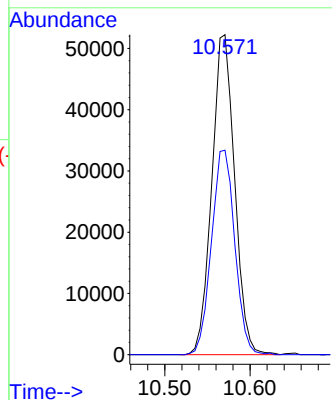
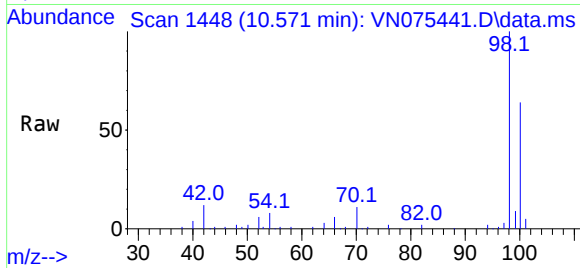




#50
Toluene-d8
Concen: 44.967 ug/l
RT: 10.571 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VN075441.D
Acq: 28 Nov 2022 12:07

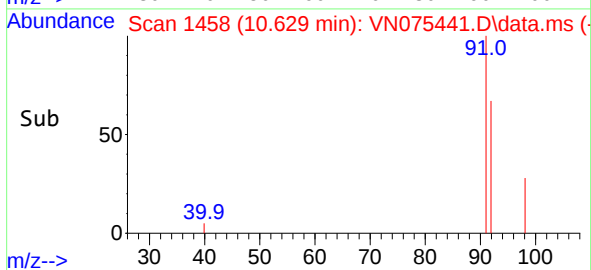
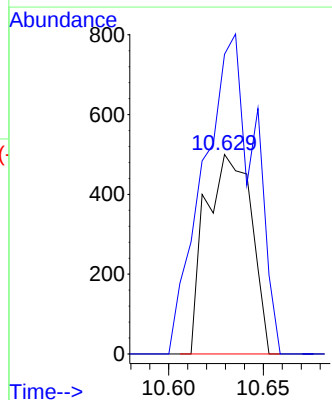
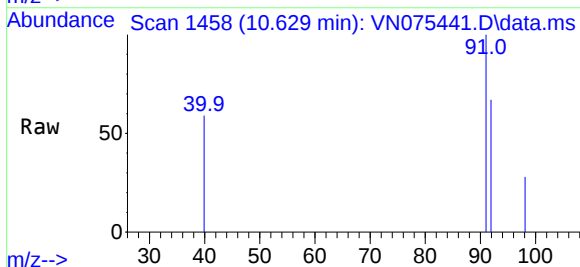
Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20221121DL

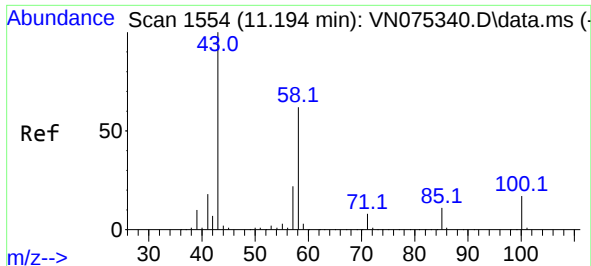
Tgt Ion: 98 Resp: 97218
Ion Ratio Lower Upper
98 100
100 65.3 53.0 79.6



#52
Toluene
Concen: 0.203 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.001 min
Lab File: VN075441.D
Acq: 28 Nov 2022 12:07

Tgt Ion: 92 Resp: 839
Ion Ratio Lower Upper
92 100
91 179.0 135.4 203.2





#59

2-Hexanone

Concen: 0.431 ug/l

RT: 11.188 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN075441.D

Acq: 28 Nov 2022 12:07

Instrument :

MSVOA_N

ClientSampleId :

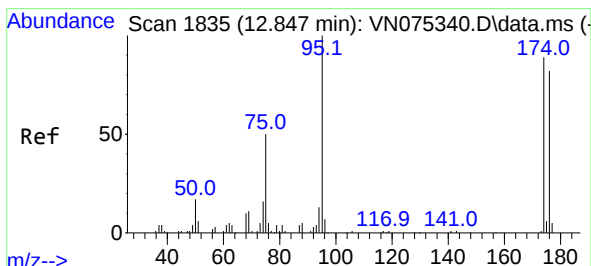
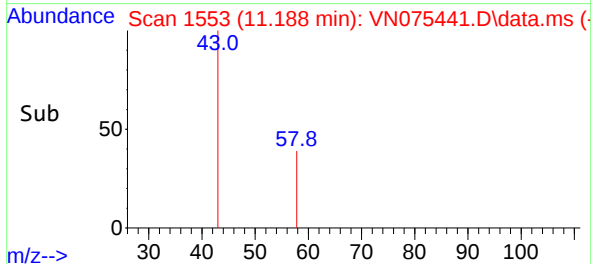
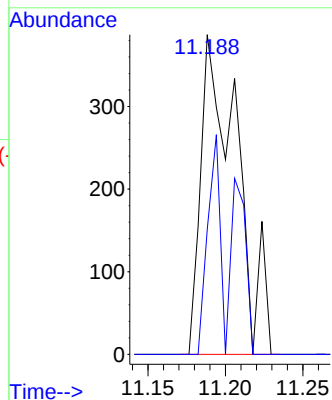
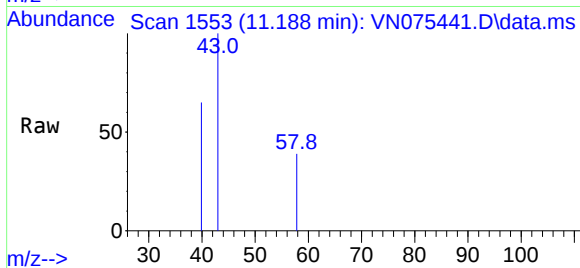
RE117D1-20221121DL

Tgt Ion: 43 Resp: 624

Ion Ratio Lower Upper

43 100

58 23.6 29.6 88.8#



#62

4-Bromofluorobenzene

Concen: 40.811 ug/l

RT: 12.847 min Scan# 1835

Delta R.T. -0.000 min

Lab File: VN075441.D

Acq: 28 Nov 2022 12:07

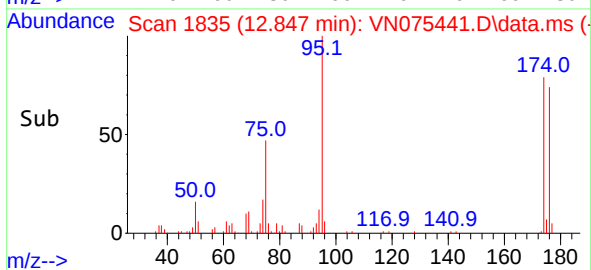
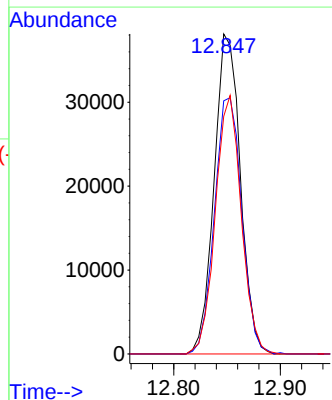
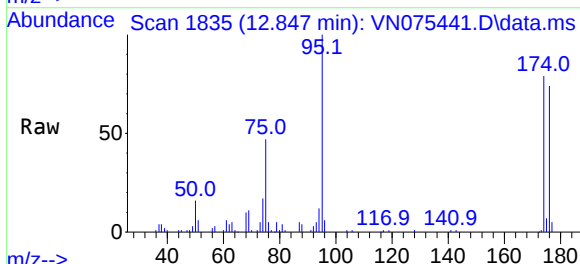
Tgt Ion: 95 Resp: 65126

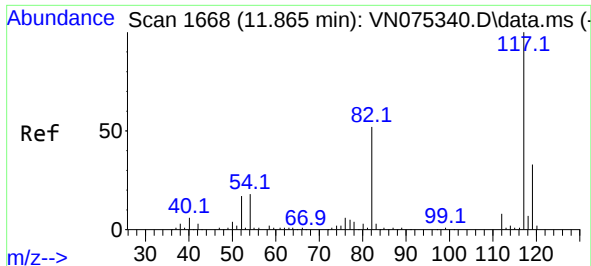
Ion Ratio Lower Upper

95 100

174 83.4 0.0 147.4

176 79.7 0.0 142.2

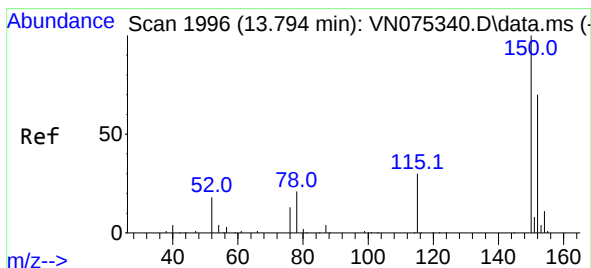
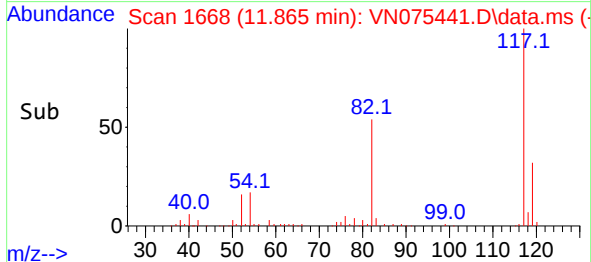
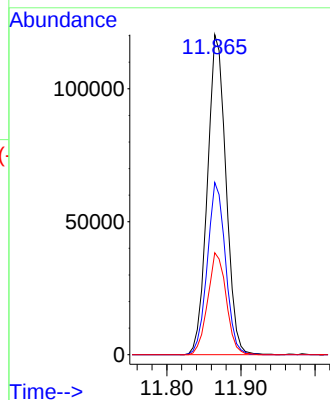
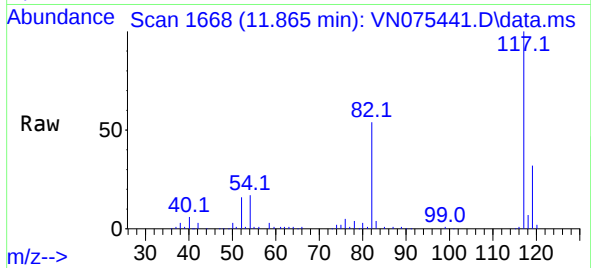




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN075441.D
Acq: 28 Nov 2022 12:07

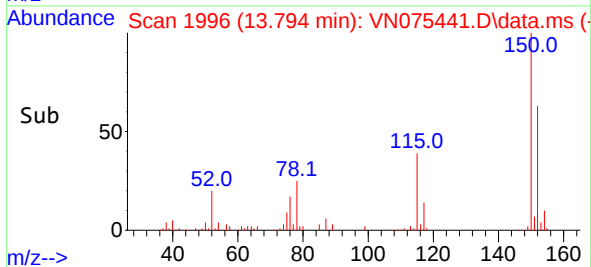
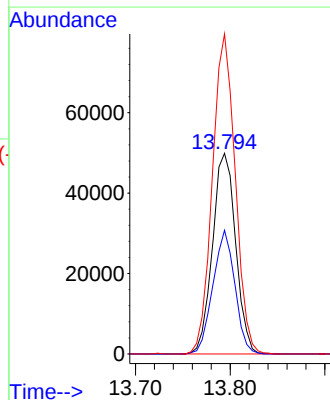
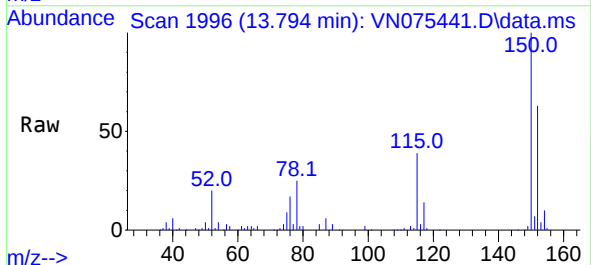
Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20221121DL

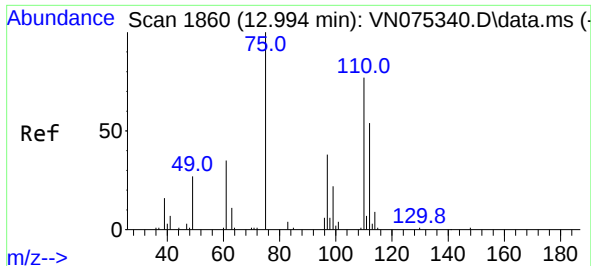
Tgt Ion:117 Resp: 209329
Ion Ratio Lower Upper
117 100
82 53.8 43.1 64.7
119 31.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075441.D
Acq: 28 Nov 2022 12:07

Tgt Ion:152 Resp: 84773
Ion Ratio Lower Upper
152 100
115 58.4 30.2 90.6
150 157.0 0.0 348.4

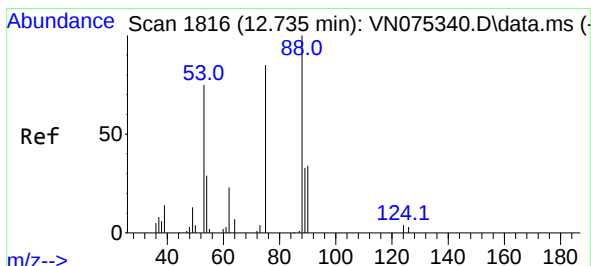
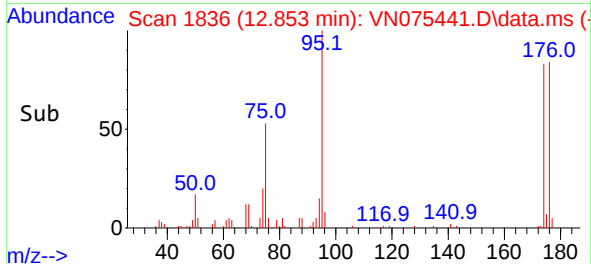
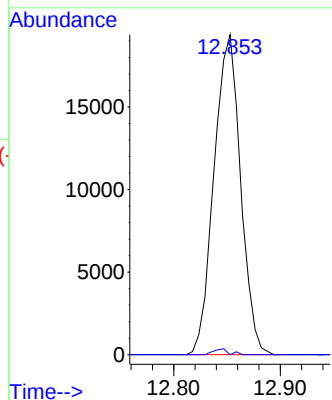
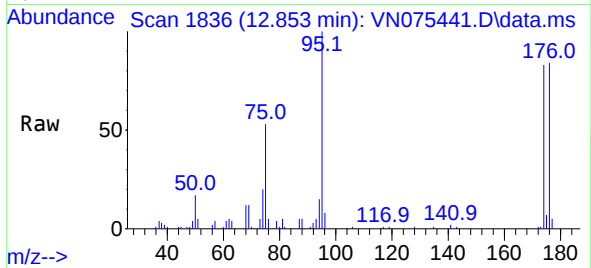




#76
1,2,3-Trichloropropane
Concen: 20.929 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075441.D
Acq: 28 Nov 2022 12:07

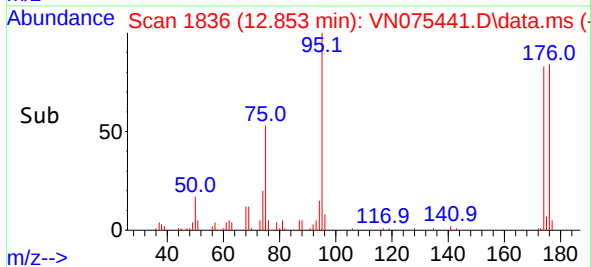
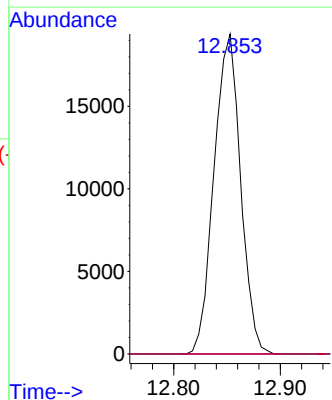
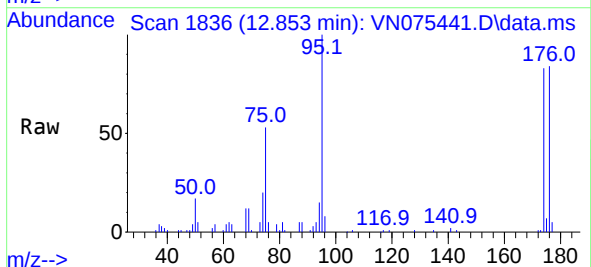
Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20221121DL

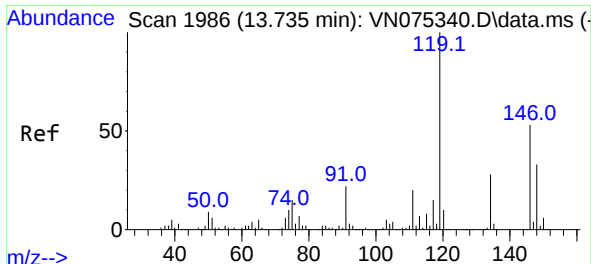
Tgt Ion: 75 Resp: 33545
Ion Ratio Lower Upper
75 100
77 1.1 75.6 226.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.923 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.118 min
Lab File: VN075441.D
Acq: 28 Nov 2022 12:07

Tgt Ion: 75 Resp: 33545
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#





#87

1,3-Dichlorobenzene

Concen: 0.251 ug/l

RT: 13.729 min Scan# 1985

Delta R.T. -0.006 min

Lab File: VN075441.D

Acq: 28 Nov 2022 12:07

Instrument :

MSVOA_N

ClientSampleId :

RE117D1-20221121DL

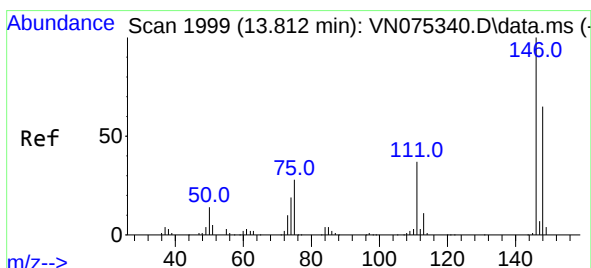
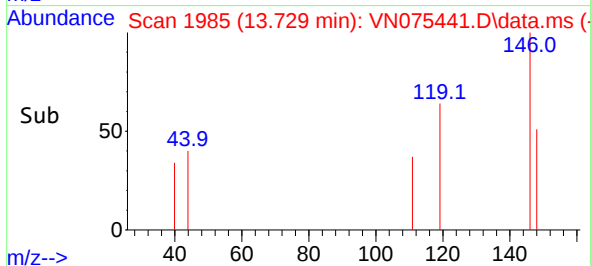
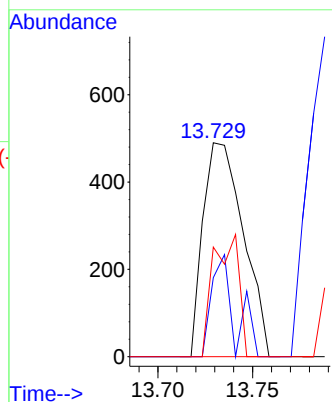
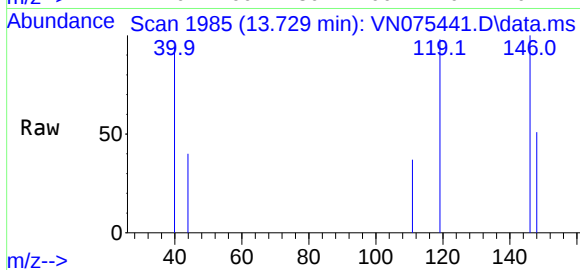
Tgt Ion:146 Resp: 728

Ion Ratio Lower Upper

146 100

111 27.3 20.8 62.5

148 36.0 31.1 93.5



#88

1,4-Dichlorobenzene

Concen: 0.247 ug/l

RT: 13.729 min Scan# 1985

Delta R.T. -0.083 min

Lab File: VN075441.D

Acq: 28 Nov 2022 12:07

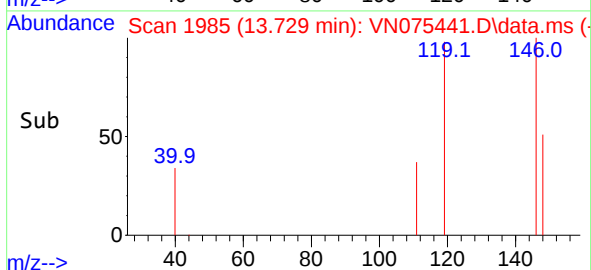
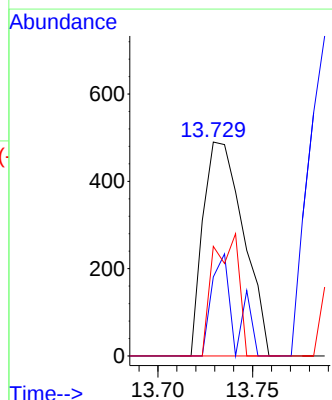
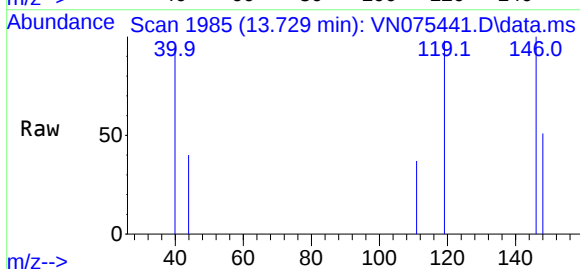
Tgt Ion:146 Resp: 728

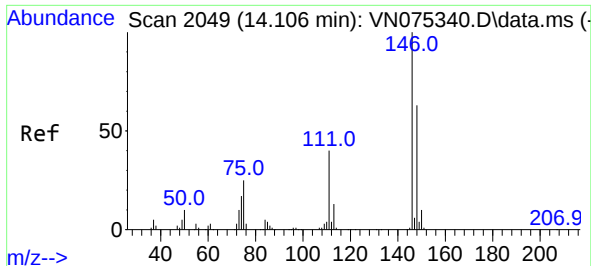
Ion Ratio Lower Upper

146 100

111 27.3 20.1 60.3

148 36.0 31.9 95.7





#91

1,2-Dichlorobenzene

Concen: 0.262 ug/l

RT: 14.112 min Scan# 2049

Delta R.T. 0.006 min

Lab File: VN075441.D

Acq: 28 Nov 2022 12:07

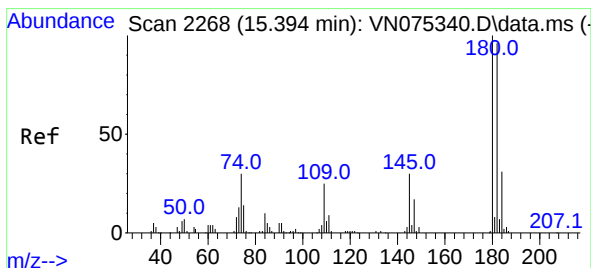
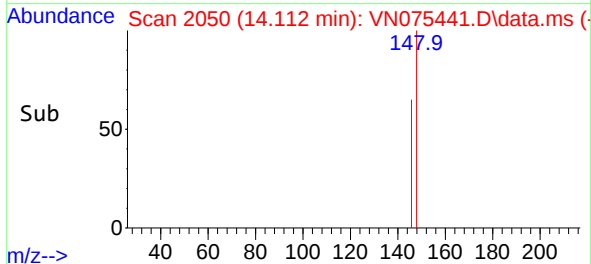
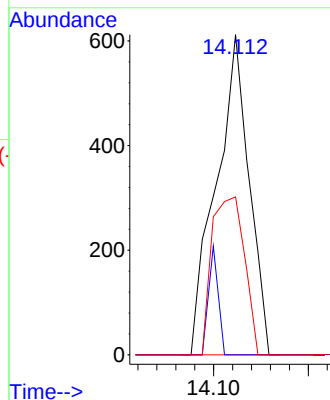
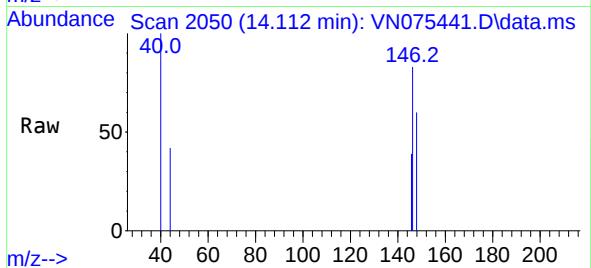
Instrument :

MSVOA_N

ClientSampleId :

RE117D1-20221121DL

Tgt Ion:146	Resp:	740
Ion Ratio	Lower	Upper
146	100	
111	9.9	21.3 63.9#
148	48.8	31.4 94.2



#93

1,2,4-Trichlorobenzene

Concen: 0.627 ug/l

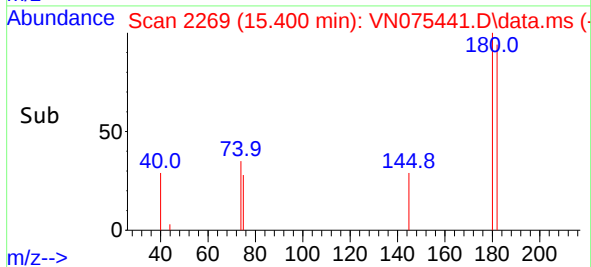
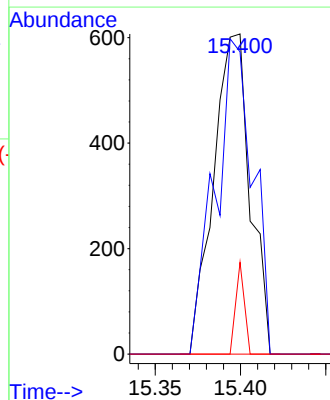
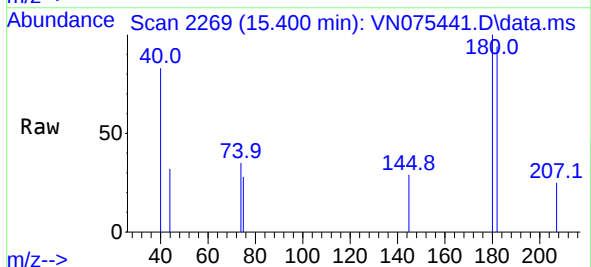
RT: 15.400 min Scan# 2269

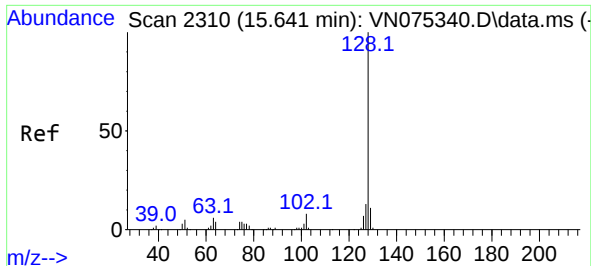
Delta R.T. 0.006 min

Lab File: VN075441.D

Acq: 28 Nov 2022 12:07

Tgt Ion:180	Resp:	907
Ion Ratio	Lower	Upper
180	100	
182	101.3	47.8 143.4
145	6.7	16.8 50.3#

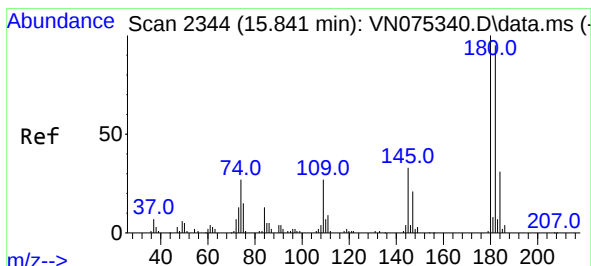
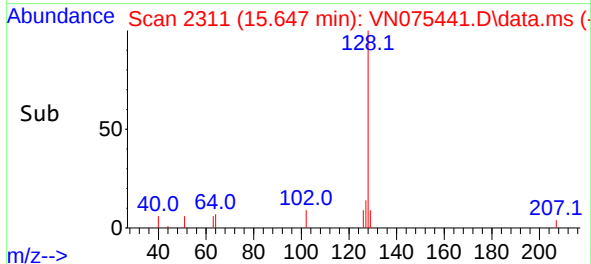
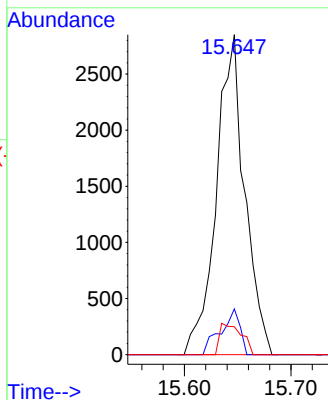
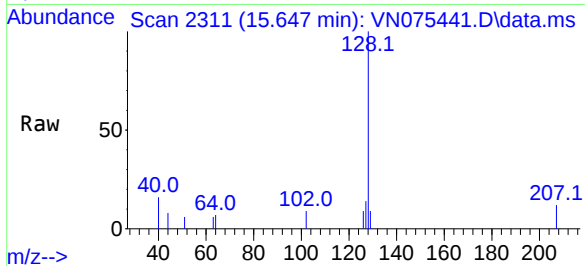




#95
Naphthalene
Concen: 1.156 ug/l
RT: 15.647 min Scan# 211
Delta R.T. 0.006 min
Lab File: VN075441.D
Acq: 28 Nov 2022 12:07

Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20221121DL

Tgt Ion:128 Resp: 5265
Ion Ratio Lower Upper
128 100
127 9.7 10.4 15.6#
129 7.5 8.6 12.8#



#96
1,2,3-Trichlorobenzene
Concen: 0.816 ug/l
RT: 15.853 min Scan# 2346
Delta R.T. 0.012 min
Lab File: VN075441.D
Acq: 28 Nov 2022 12:07

Tgt Ion:180 Resp: 1160
Ion Ratio Lower Upper
180 100
182 0.0 47.3 141.8#
145 12.8 17.6 52.9#

