

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092524\
 Data File : VN084170.D
 Acq On : 25 Sep 2024 19:23
 Operator : JC\MD
 Sample : P4116-20
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE132D2-20240918

Quant Time: Sep 26 01:37:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

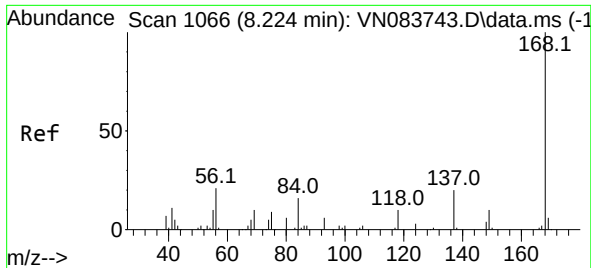
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	158668	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	285685	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	254383	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	112562	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	125190	52.326	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.660%			
35) Dibromofluoromethane	8.165	113	93266	50.995	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.000%			
50) Toluene-d8	10.565	98	348923	55.186	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.380%			
62) 4-Bromofluorobenzene	12.847	95	127504	48.879	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.760%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	2112	1.146	ug/l	83
3) Chloromethane	2.359	50	674	Below Cal	#	41
6) Chloroethane	3.095	64	357	0.252	ug/l #	45
9) 1,1,2-Trichlorotrifluo...	4.371	101	4839	2.663	ug/l #	83
16) Acetone	4.447	43	769	0.802	ug/l #	45
31) Cyclohexane	8.224	56	4004	1.158	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	14715	5.345	ug/l #	50
38) Carbon Tetrachloride	8.224	117	18097	5.795	ug/l #	17
44) Trichloroethene	9.359	130	2732	1.424	ug/l	83
49) 1,4-Dioxane	9.688	88	688	19.468	ug/l #	63
51) 4-Methyl-2-Pentanone	10.565	43	1770	0.718	ug/l #	1
71) Bromoform	12.841	173	415	0.314	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	68033	29.954	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	68033	78.451	ug/l #	9

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

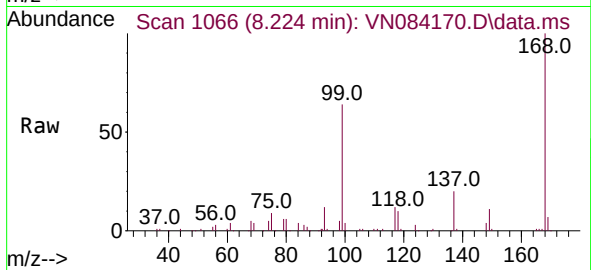
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



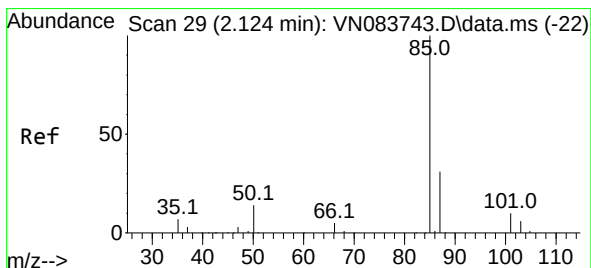
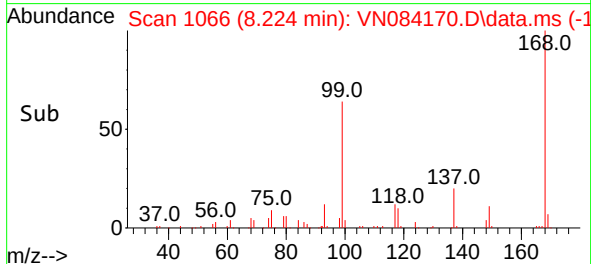
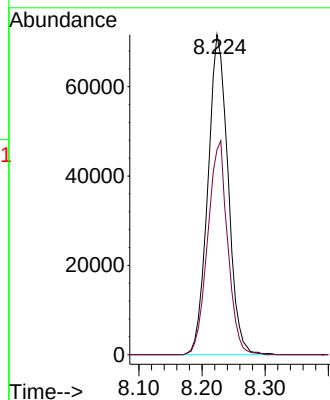


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN084170.D
Acq: 25 Sep 2024 19:23

Instrument :
MSVOA_N
ClientSampleId :
RE132D2-20240918

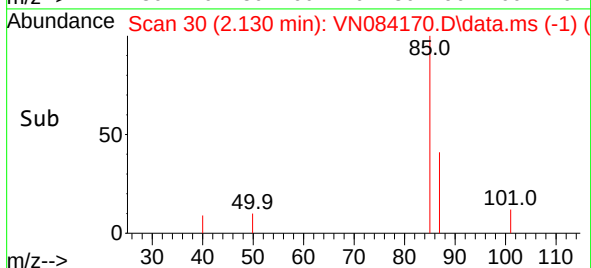
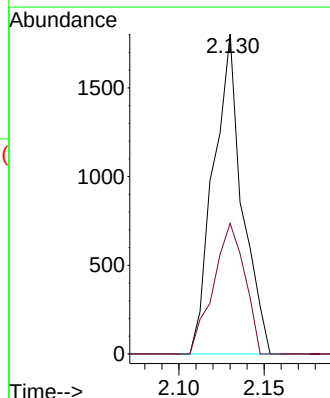
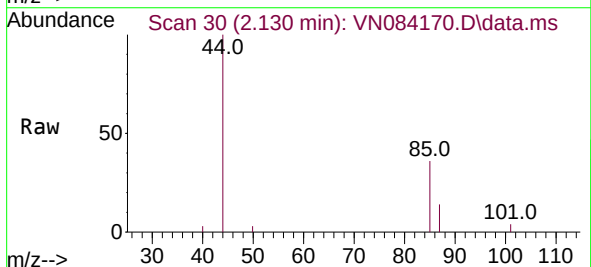


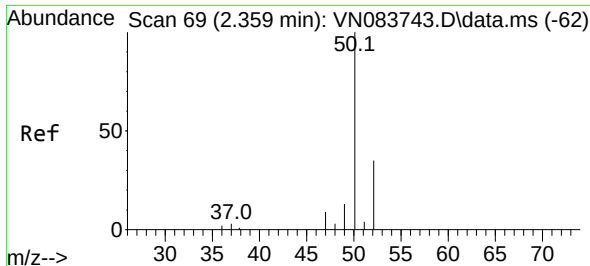
Tgt Ion:168 Resp: 158668
Ion Ratio Lower Upper
168 100
99 64.0 54.2 81.2



#2
Dichlorodifluoromethane
Concen: 1.146 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN084170.D
Acq: 25 Sep 2024 19:23

Tgt Ion: 85 Resp: 2112
Ion Ratio Lower Upper
85 100
87 40.8 15.7 47.0

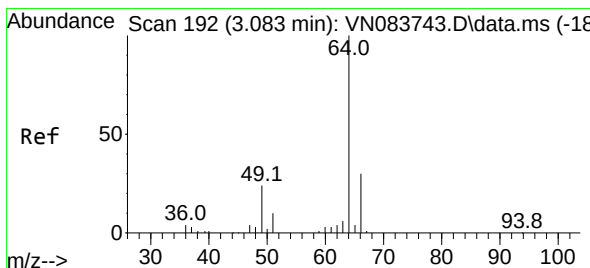
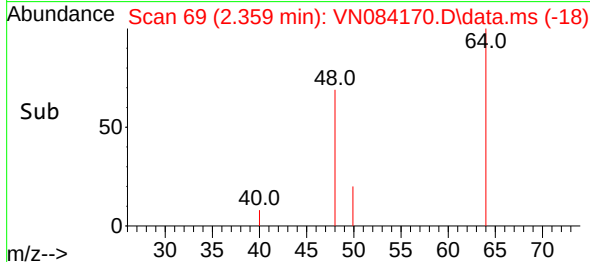
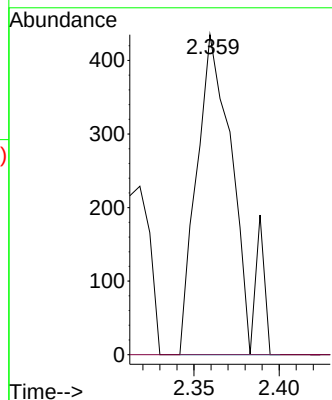
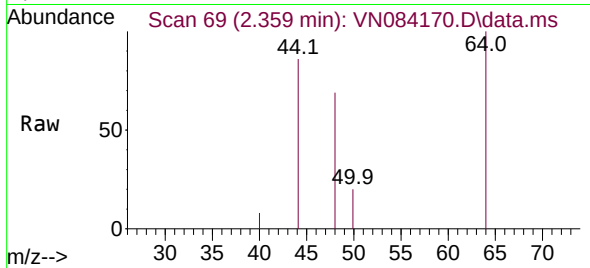




#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084170.D
Acq: 25 Sep 2024 19:23

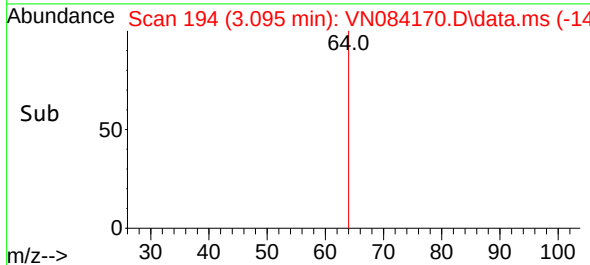
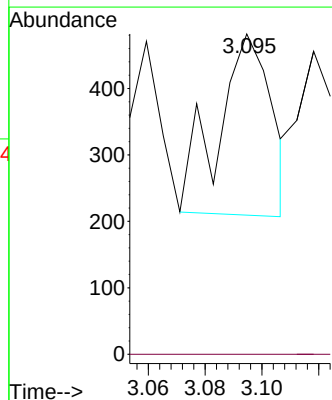
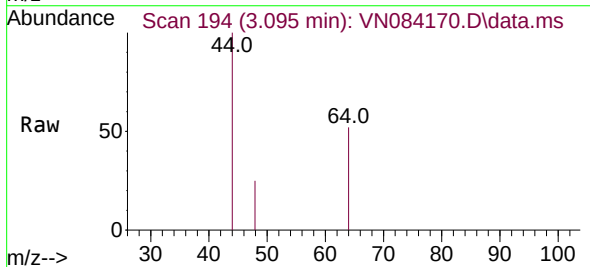
Instrument :
MSVOA_N
ClientSampleId :
RE132D2-20240918

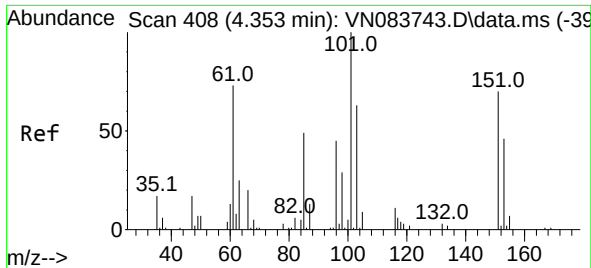
Tgt Ion: 50 Resp: 674
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#



#6
Chloroethane
Concen: 0.252 ug/l
RT: 3.095 min Scan# 194
Delta R.T. 0.012 min
Lab File: VN084170.D
Acq: 25 Sep 2024 19:23

Tgt Ion: 64 Resp: 357
Ion Ratio Lower Upper
64 100
66 0.0 23.9 35.9#

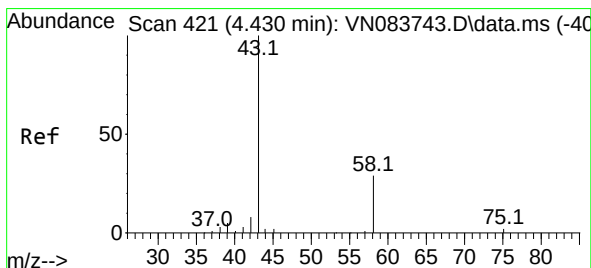
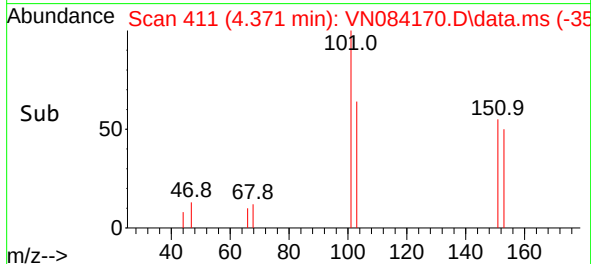
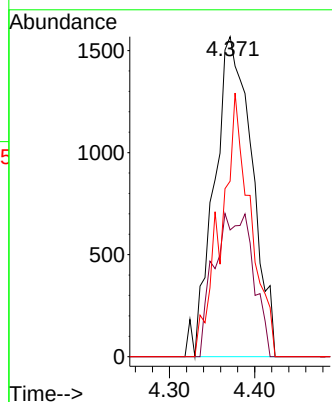
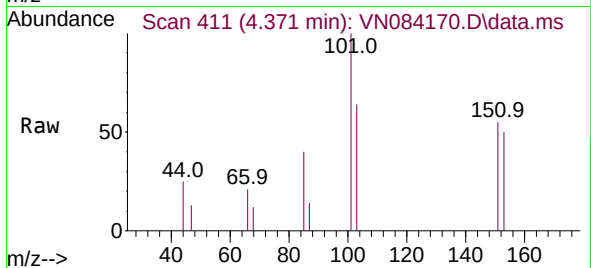




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.663 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.018 min
Lab File: VN084170.D
Acq: 25 Sep 2024 19:23

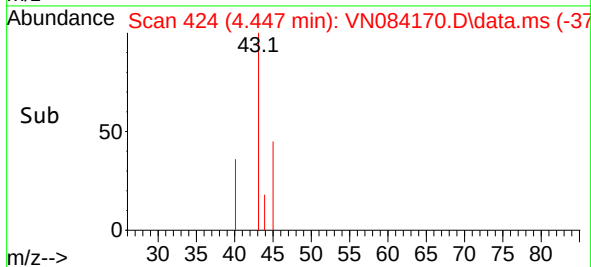
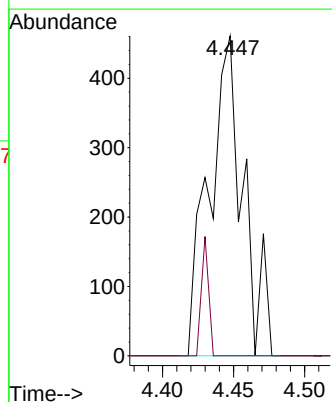
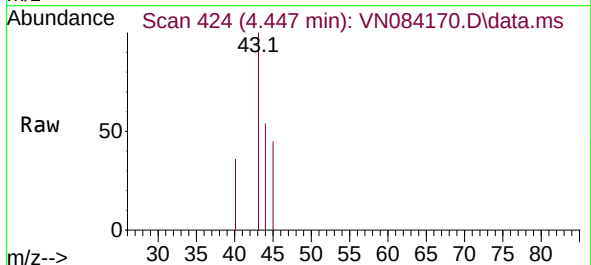
Instrument :
MSVOA_N
ClientSampleId :
RE132D2-20240918

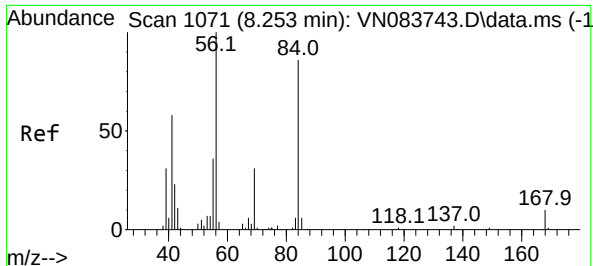
Tgt Ion:101 Resp: 4839
Ion Ratio Lower Upper
101 100
85 26.4 36.2 54.4#
151 64.3 57.7 86.5



#16
Acetone
Concen: 0.802 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.018 min
Lab File: VN084170.D
Acq: 25 Sep 2024 19:23

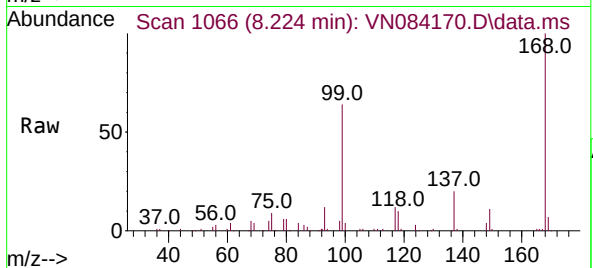
Tgt Ion: 43 Resp: 769
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#



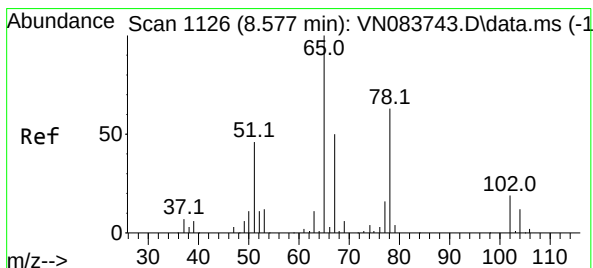
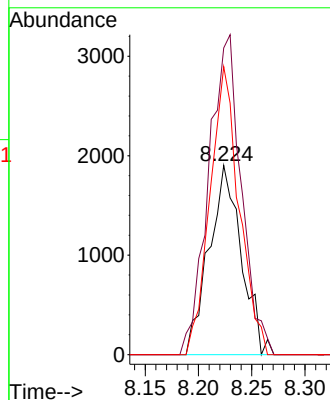
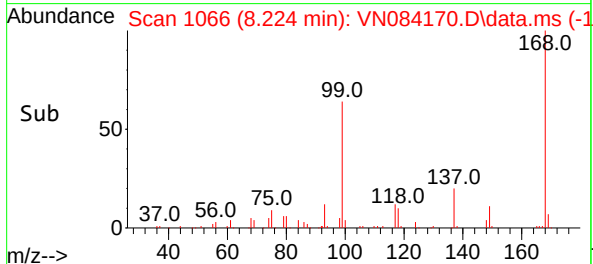


#31
Cyclohexane
Concen: 1.158 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084170.D
Acq: 25 Sep 2024 19:23

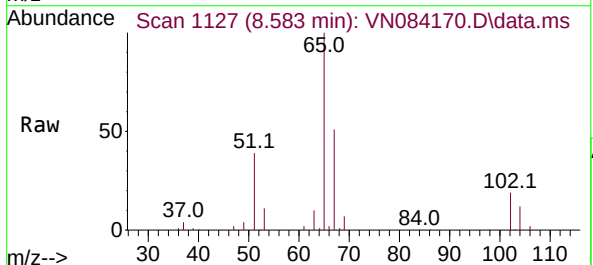
Instrument :
MSVOA_N
ClientSampleId :
RE132D2-20240918



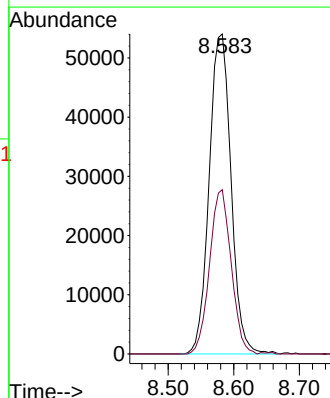
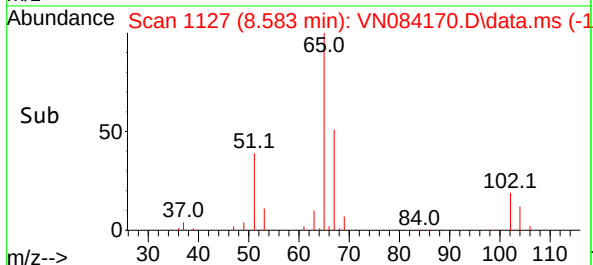
Tgt Ion: 56 Resp: 4004
Ion Ratio Lower Upper
56 100
69 162.1 26.9 40.3#
84 152.2 69.2 103.8#

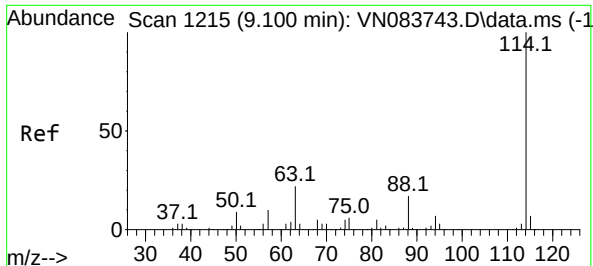


#33
1,2-Dichloroethane-d4
Concen: 52.326 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN084170.D
Acq: 25 Sep 2024 19:23



Tgt Ion: 65 Resp: 125190
Ion Ratio Lower Upper
65 100
67 50.6 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN084170.D

Acq: 25 Sep 2024 19:23

Instrument :

MSVOA_N

ClientSampleId :

RE132D2-20240918

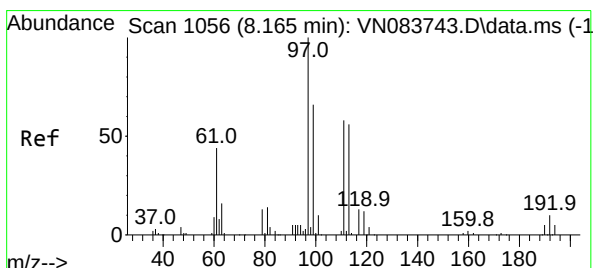
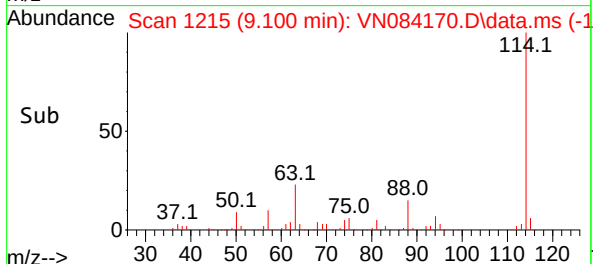
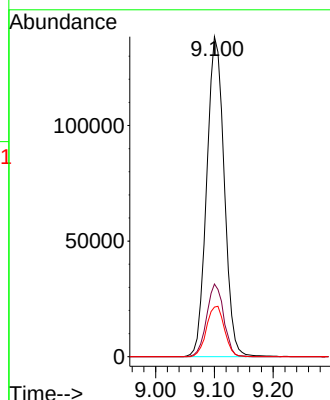
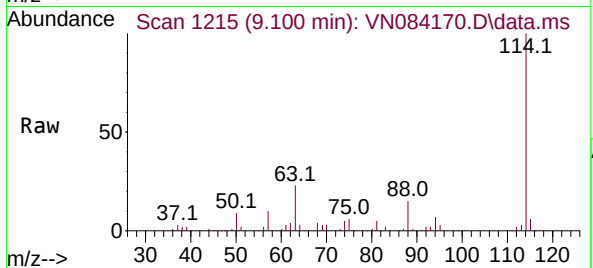
Tgt Ion:114 Resp: 285685

Ion Ratio Lower Upper

114 100

63 22.7 0.0 43.4

88 15.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.995 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084170.D

Acq: 25 Sep 2024 19:23

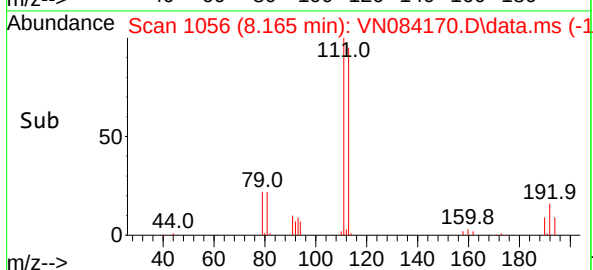
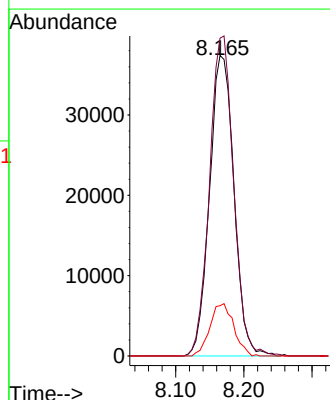
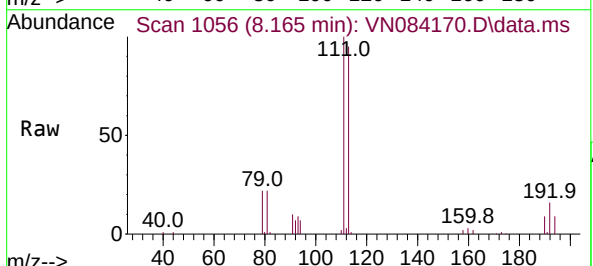
Tgt Ion:113 Resp: 93266

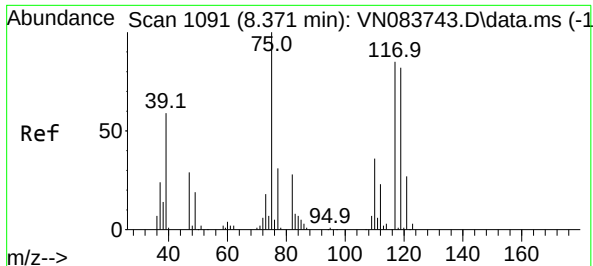
Ion Ratio Lower Upper

113 100

111 105.0 82.6 124.0

192 17.0 14.3 21.5





#36

1,1-Dichloropropene

Concen: 5.345 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN084170.D

Acq: 25 Sep 2024 19:23

Instrument :

MSVOA_N

ClientSampleId :

RE132D2-20240918

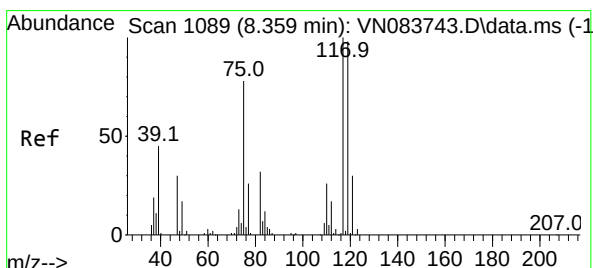
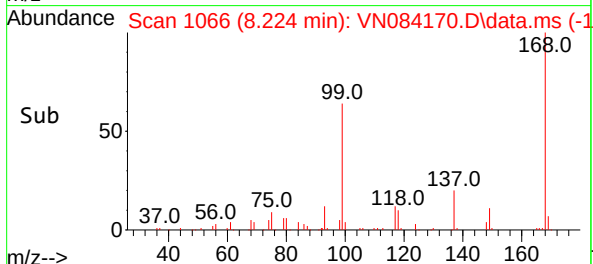
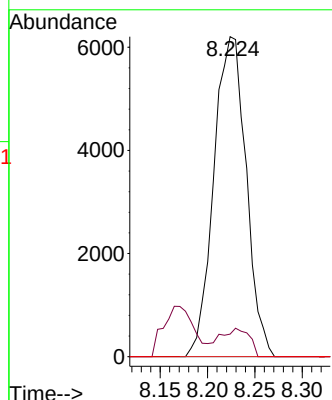
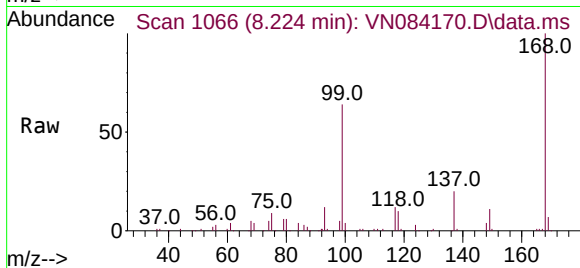
Tgt Ion: 75 Resp: 14715

Ion Ratio Lower Upper

75 100

110 8.2 16.7 50.1#

77 0.0 25.2 37.8#



#38

Carbon Tetrachloride

Concen: 5.795 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN084170.D

Acq: 25 Sep 2024 19:23

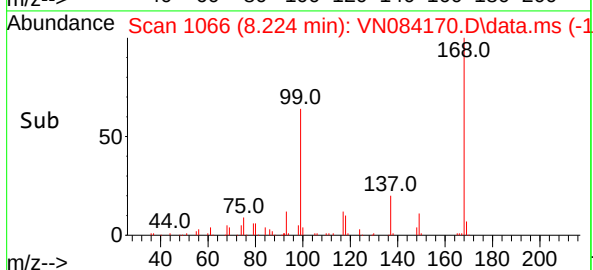
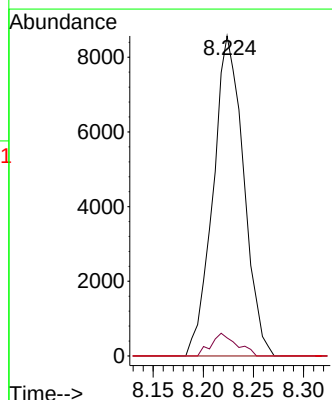
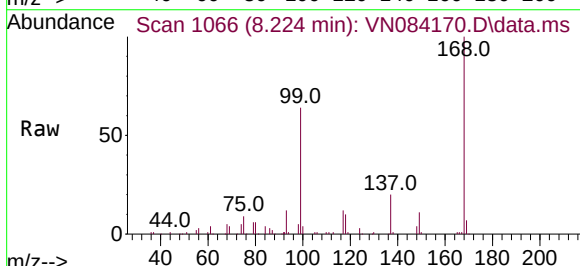
Tgt Ion: 117 Resp: 18097

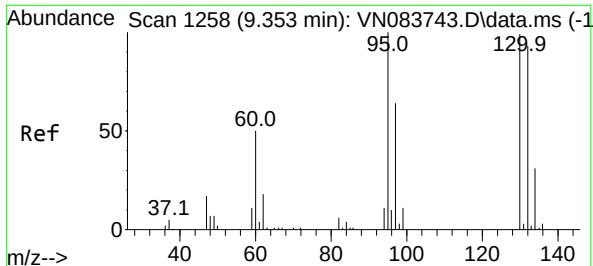
Ion Ratio Lower Upper

117 100

119 5.6 76.1 114.1#

121 0.0 24.1 36.1#

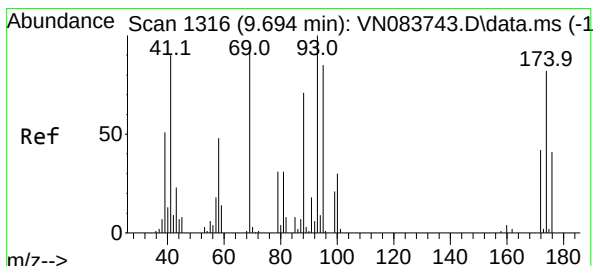
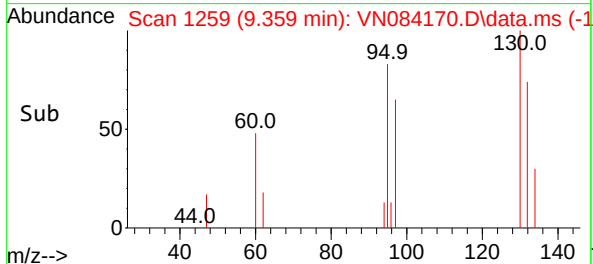
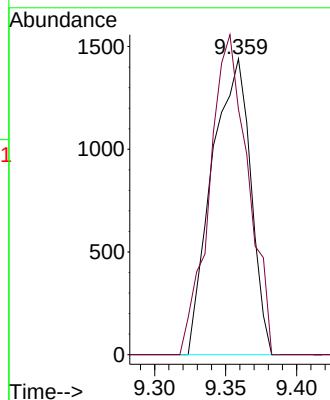
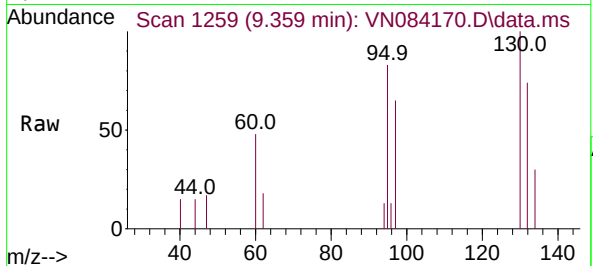




#44
Trichloroethene
Concen: 1.424 ug/l
RT: 9.359 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN084170.D
Acq: 25 Sep 2024 19:23

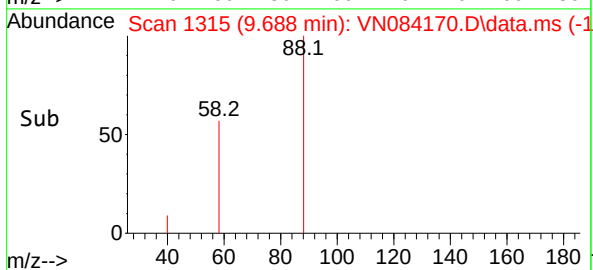
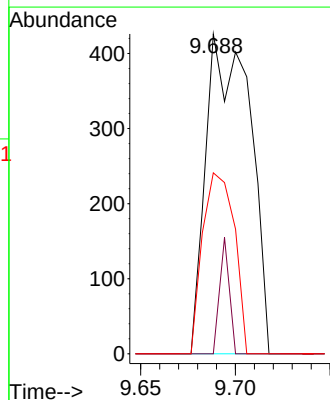
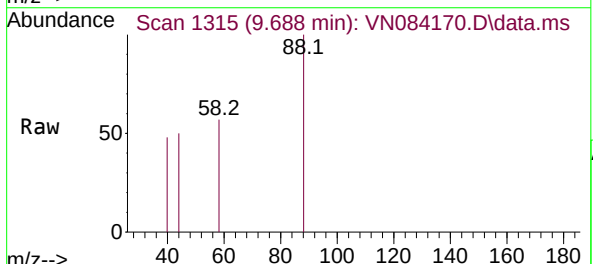
Instrument :
MSVOA_N
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RE132D2-20240918

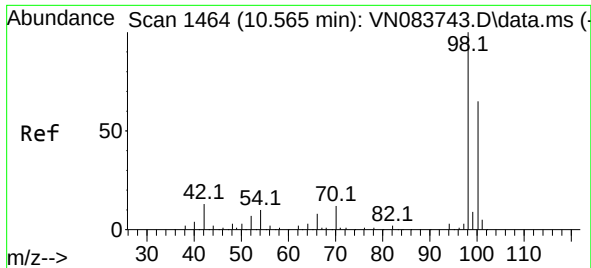
Tgt Ion:130 Resp: 2732
Ion Ratio Lower Upper
130 100
95 83.0 0.0 200.4



#49
1,4-Dioxane
Concen: 19.468 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.006 min
Lab File: VN084170.D
Acq: 25 Sep 2024 19:23

Tgt Ion: 88 Resp: 688
Ion Ratio Lower Upper
88 100
43 8.0 0.0 0.0#
58 40.8 57.1 85.7#

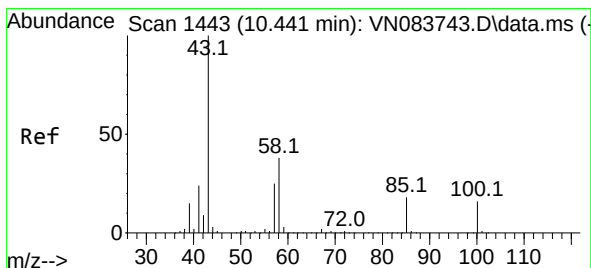
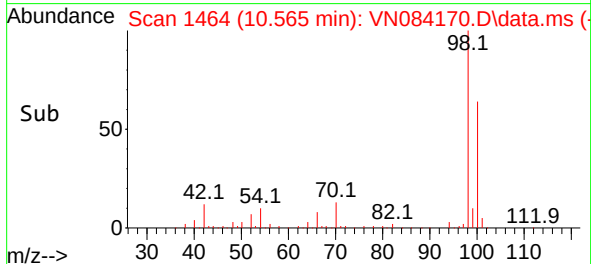
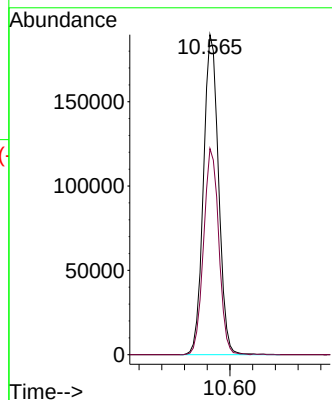
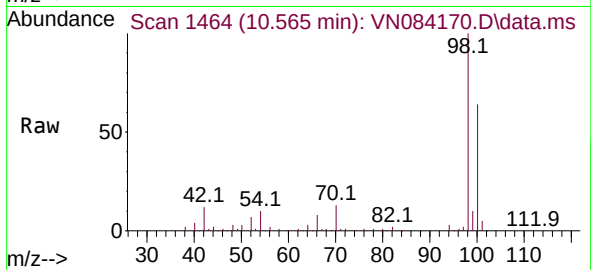




#50
Toluene-d8
Concen: 55.186 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084170.D
Acq: 25 Sep 2024 19:23

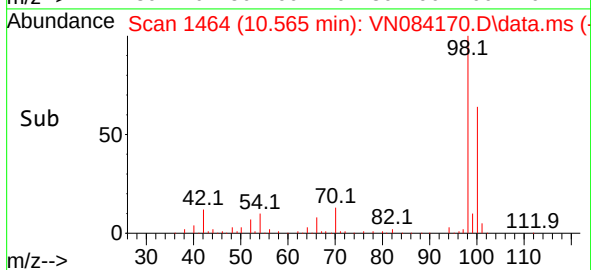
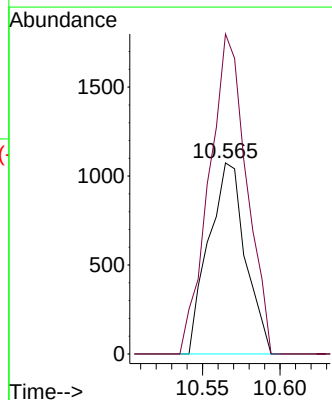
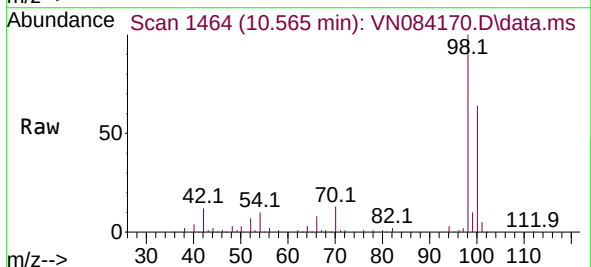
Instrument :
MSVOA_N
ClientSampleId :
RE132D2-20240918

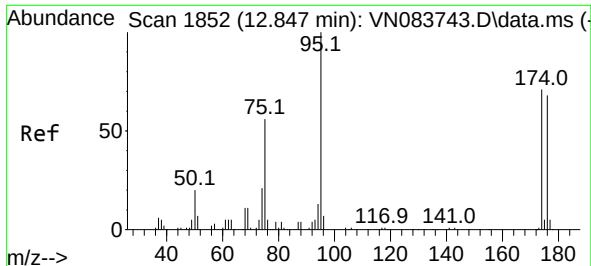
Tgt Ion: 98 Resp: 348923
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.718 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.124 min
Lab File: VN084170.D
Acq: 25 Sep 2024 19:23

Tgt Ion: 43 Resp: 1770
Ion Ratio Lower Upper
43 100
58 170.9 31.6 47.4#

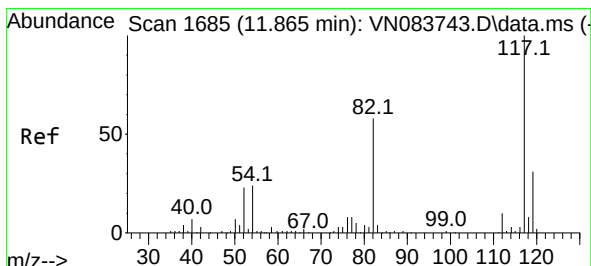
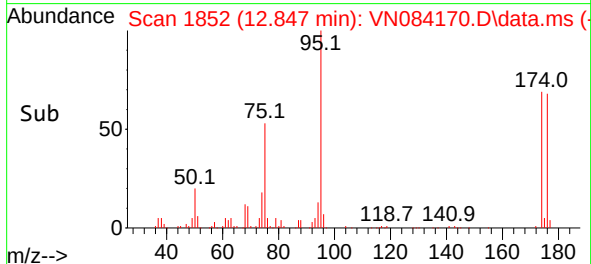
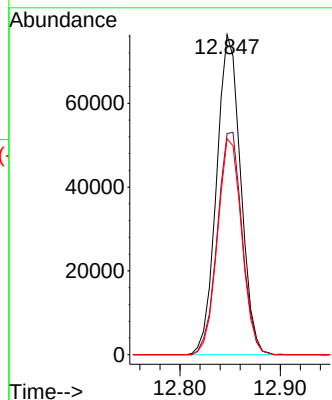
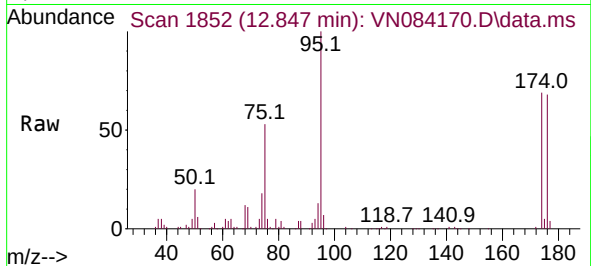




#62
4-Bromofluorobenzene
Concen: 48.879 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084170.D
Acq: 25 Sep 2024 19:23

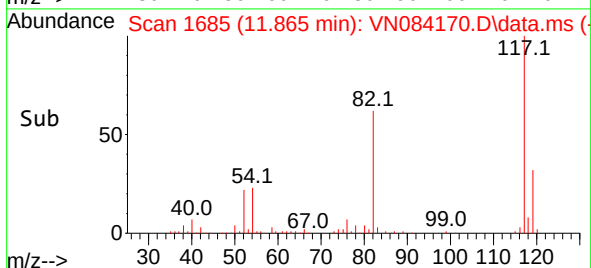
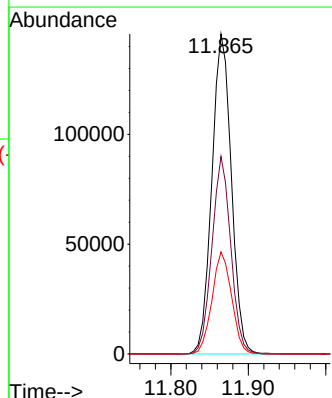
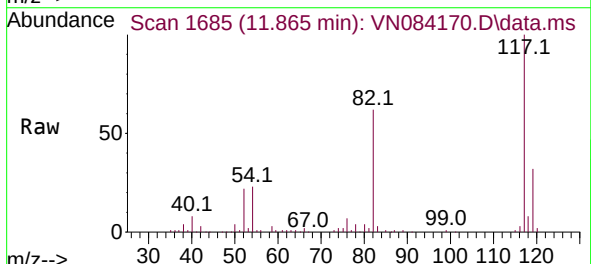
Instrument :
MSVOA_N
ClientSampleId :
RE132D2-20240918

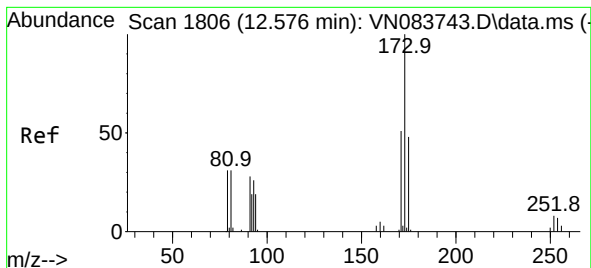
Tgt Ion: 95 Resp: 127504
Ion Ratio Lower Upper
95 100
174 71.4 0.0 139.8
176 67.8 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084170.D
Acq: 25 Sep 2024 19:23

Tgt Ion: 117 Resp: 254383
Ion Ratio Lower Upper
117 100
82 61.7 47.4 71.0
119 31.9 26.3 39.5





#71

Bromoform

Concen: 0.314 ug/l

RT: 12.841 min Scan# 11

Delta R.T. 0.265 min

Lab File: VN084170.D

Acq: 25 Sep 2024 19:23

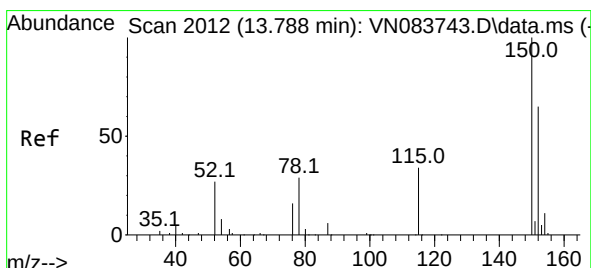
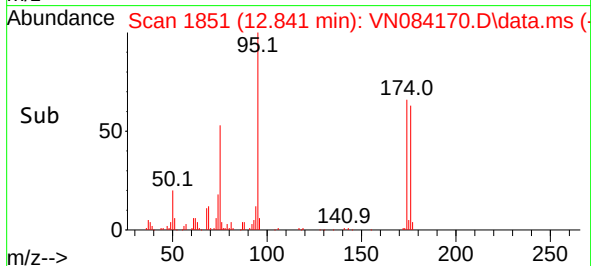
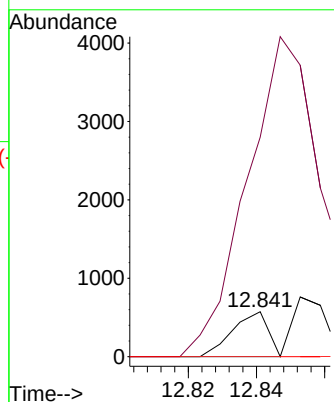
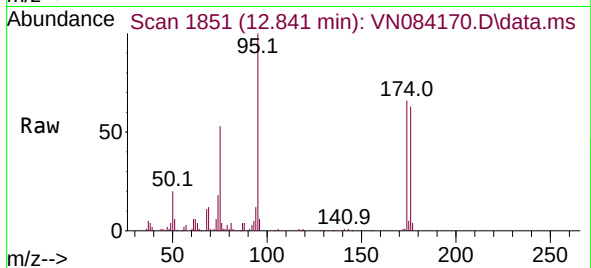
Instrument :

MSVOA_N

ClientSampleId :

RE132D2-20240918

Tgt Ion:173	Resp:	415
Ion Ratio	Lower	Upper
173	100	
175	1154.0	24.1 72.2#
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

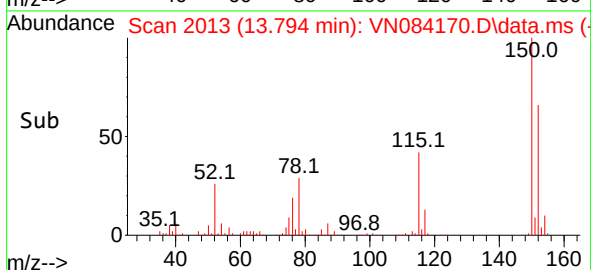
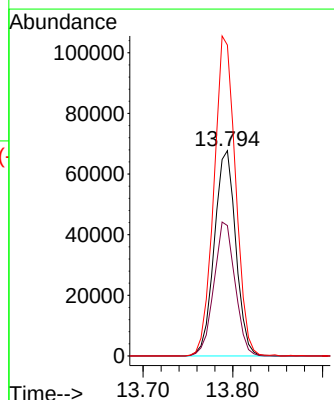
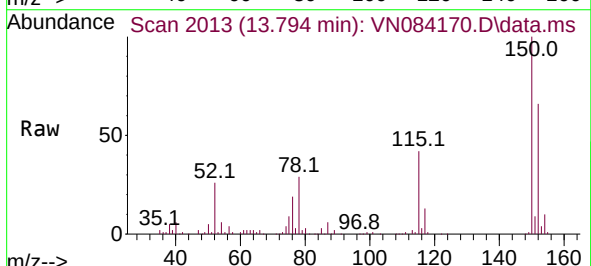
RT: 13.794 min Scan# 2013

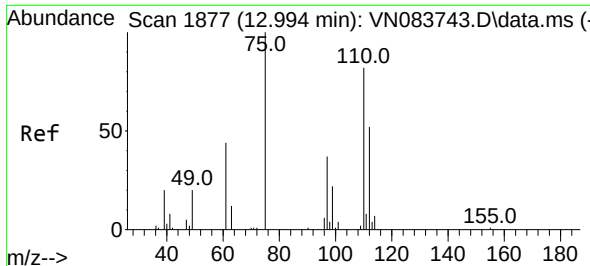
Delta R.T. 0.006 min

Lab File: VN084170.D

Acq: 25 Sep 2024 19:23

Tgt Ion:152	Resp:	112562
Ion Ratio	Lower	Upper
152	100	
115	64.1	32.2 96.6
150	156.5	0.0 348.6

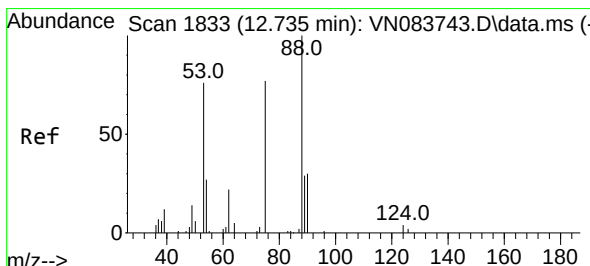
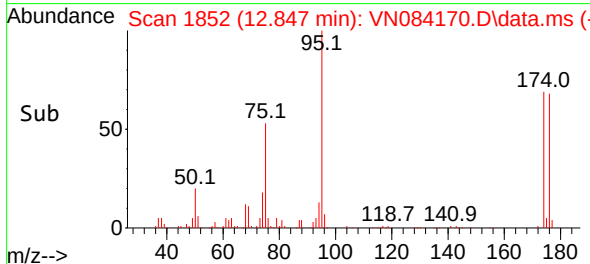
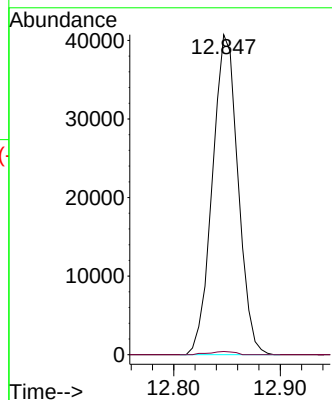
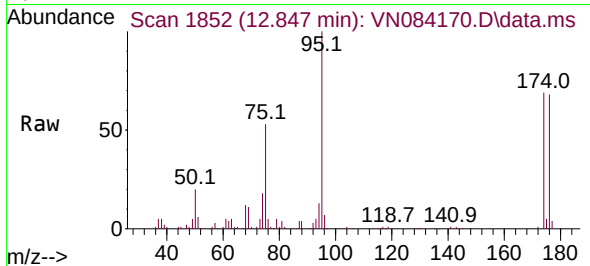




#76
1,2,3-Trichloropropane
Concen: 29.954 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN084170.D
Acq: 25 Sep 2024 19:23

Instrument :
MSVOA_N
ClientSampleId :
RE132D2-20240918

Tgt Ion: 75 Resp: 68033
Ion Ratio Lower Upper
75 100
77 1.0 95.2 285.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.451 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084170.D
Acq: 25 Sep 2024 19:23

Tgt Ion: 75 Resp: 68033
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#

