

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 :

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)

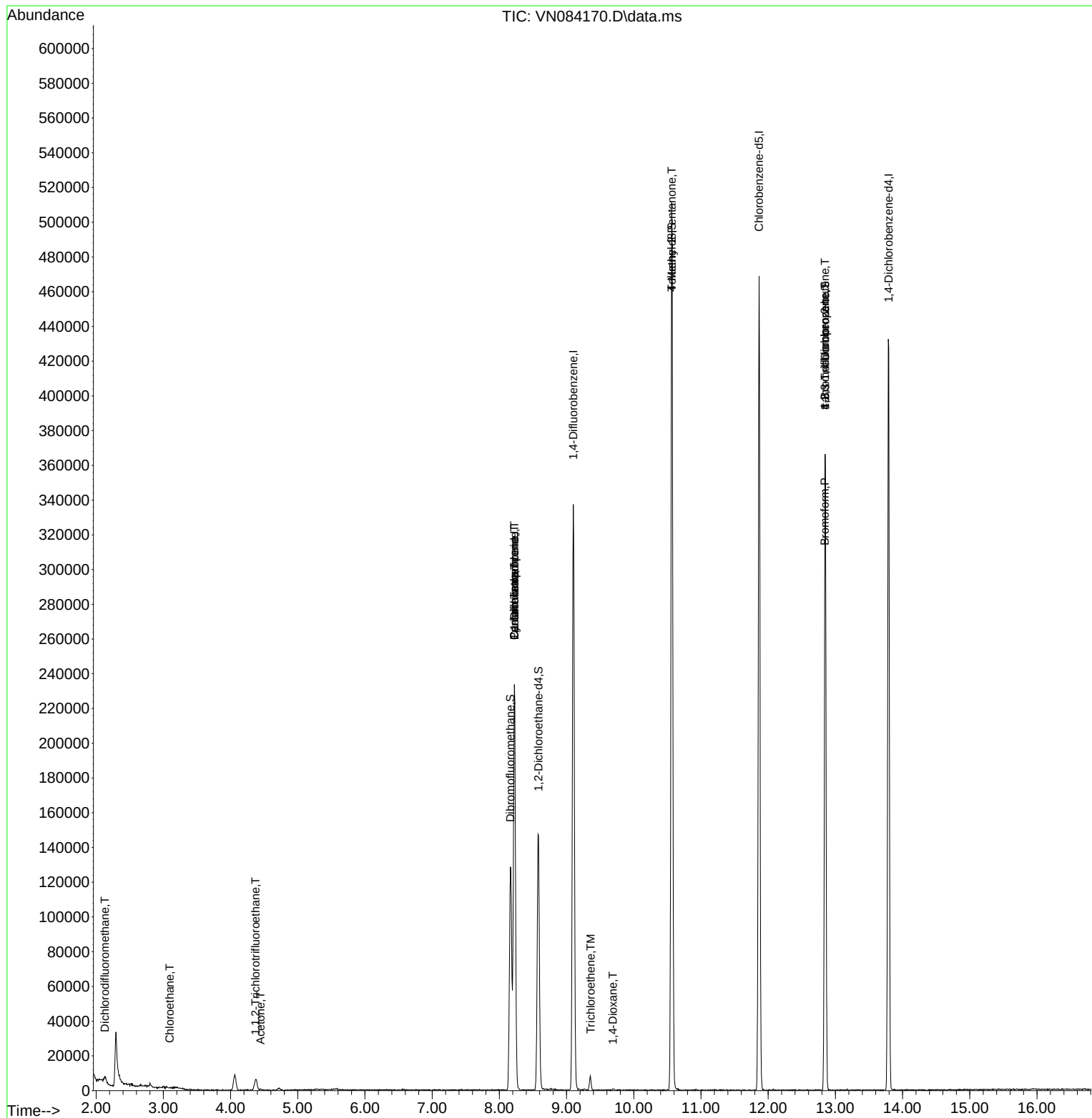
Internal Standards						
1) Pentafluorobenzene	8.224	168	158668	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	285685	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	254383	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	112562	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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

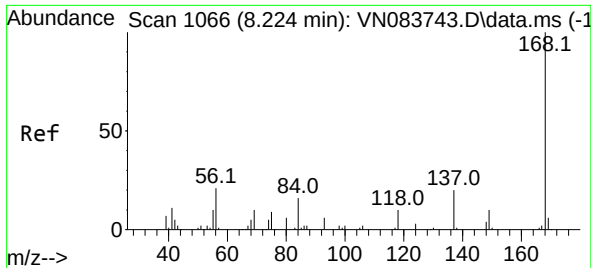
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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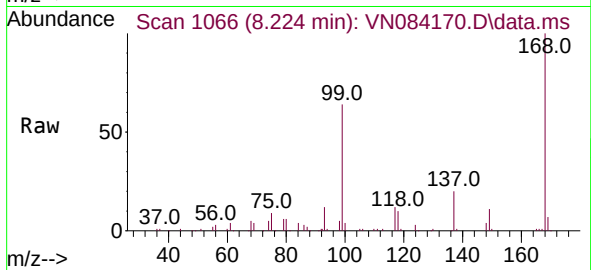
Quant Time: Sep 26 01:37:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



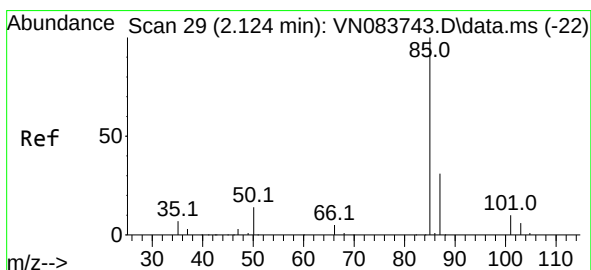
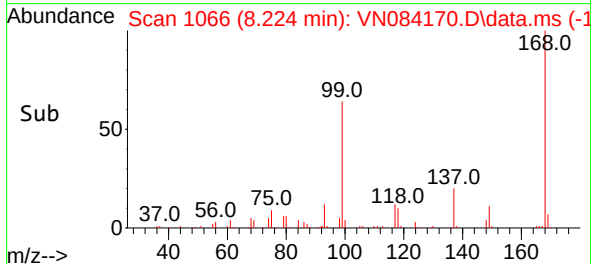
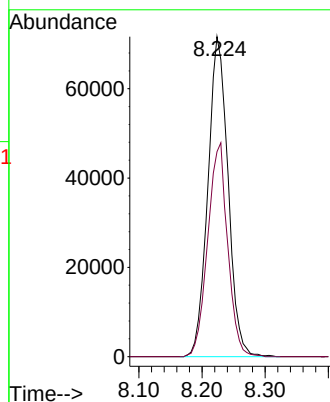


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN084170.D
Acq: 25 Sep 2024 19:23

Instrument :
MSVOA_N
ClientSampleId :

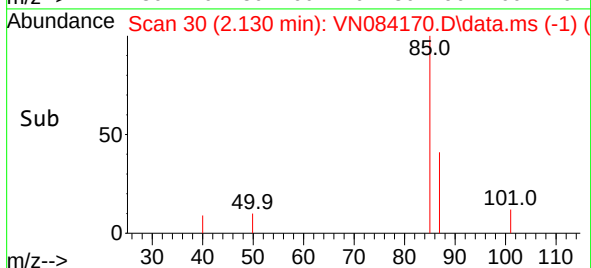
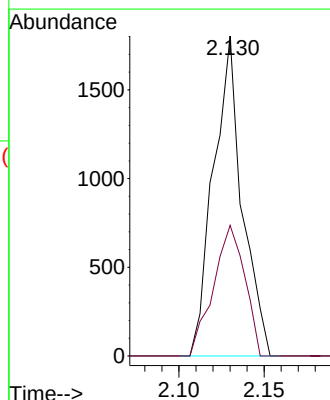
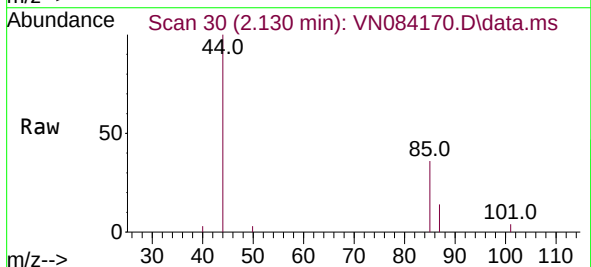


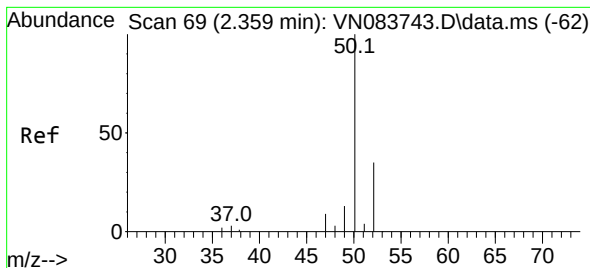
Tgt Ion:168 Resp: 158668
Ion Ratio Lower Upper
168 100
99 64.0 54.2 81.2



#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

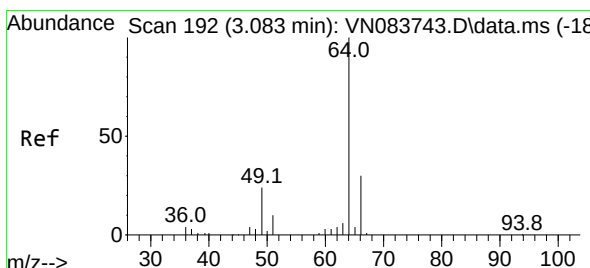
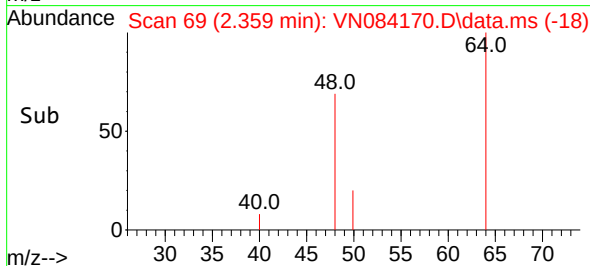
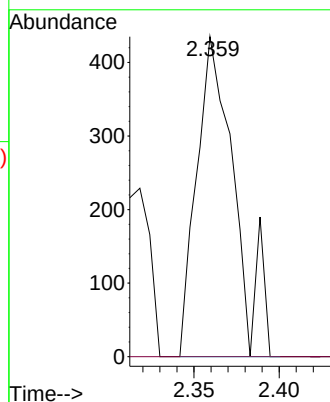
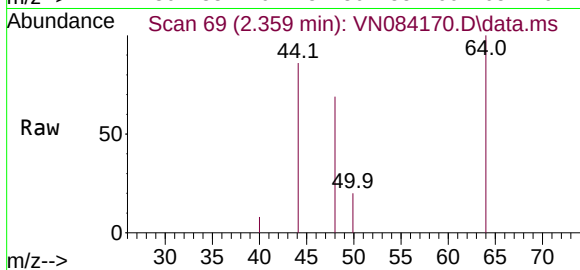
ClientSampleId :

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

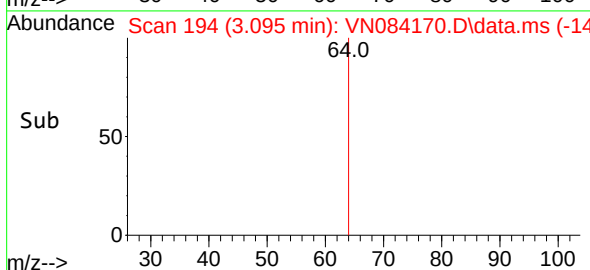
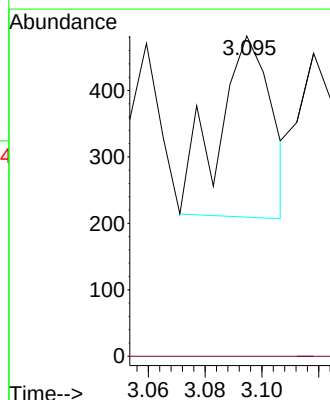
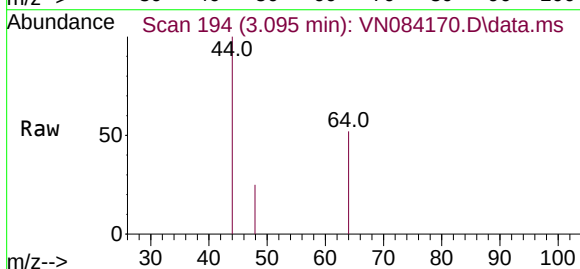
Acq: 25 Sep 2024 19:23

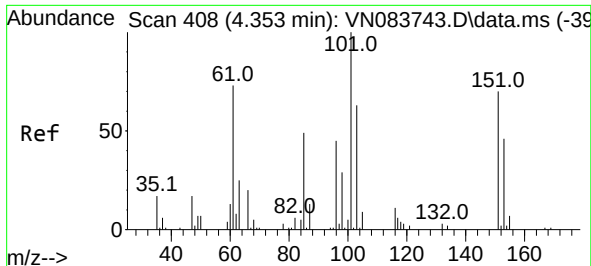
Tgt Ion: 64 Resp: 357

Ion Ratio Lower Upper

64 100

66 0.0 23.9 35.9#

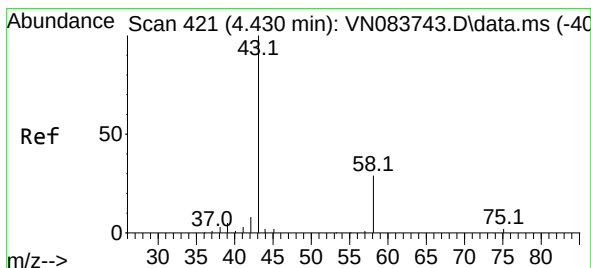
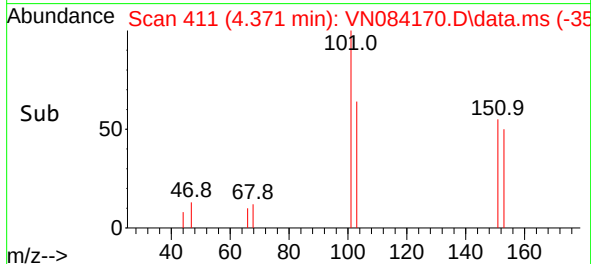
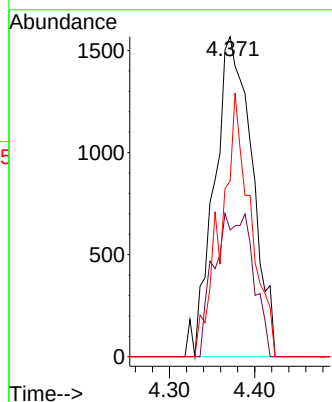
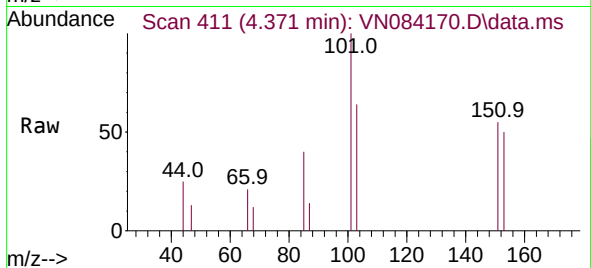




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.663 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.018 min
Lab File: VN084170.D
Acq: 25 Sep 2024 19:23

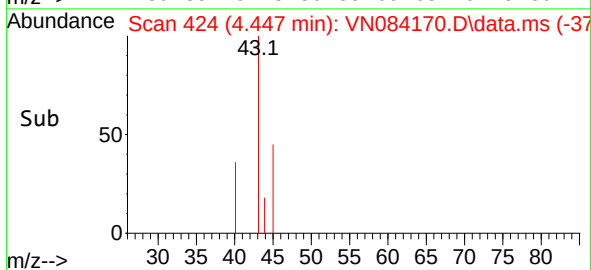
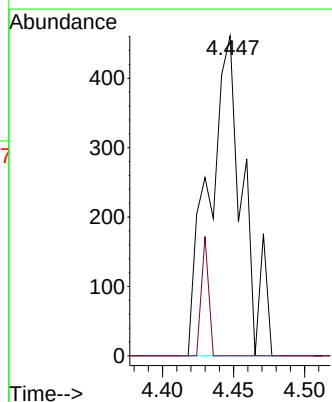
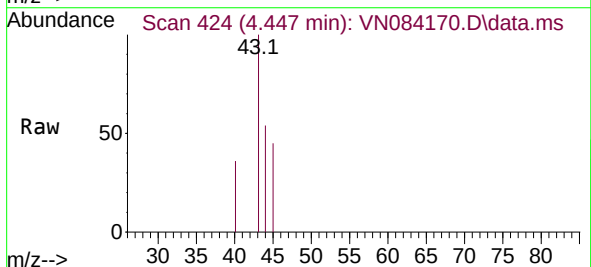
Instrument :
MSVOA_N
ClientSampleId :

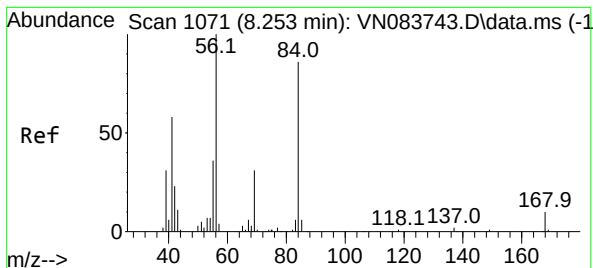
Tgt Ion:101 Resp: 4839
Ion Ratio Lower Upper
101 100
85 26.4 36.2 54.4#
151 64.3 57.7 86.5



#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# 1

Delta R.T. -0.029 min

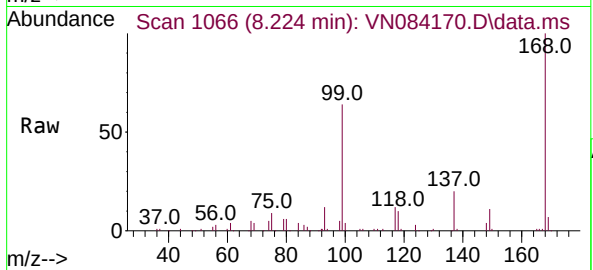
Lab File: VN084170.D

Acq: 25 Sep 2024 19:23

Instrument :

MSVOA_N

ClientSampleId :



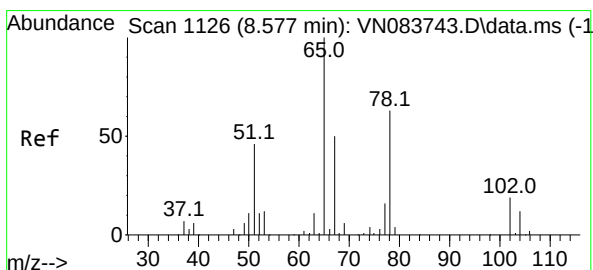
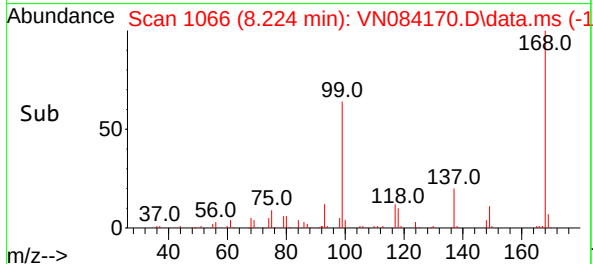
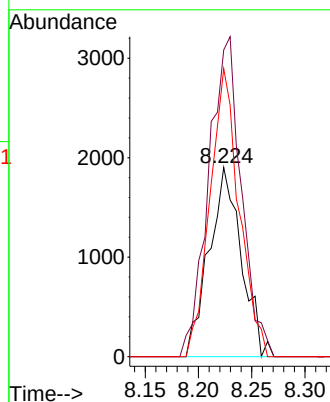
Tgt Ion: 56 Resp: 4004

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

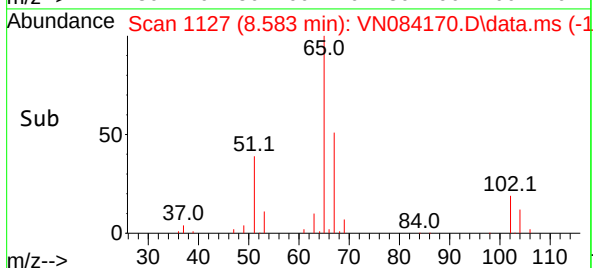
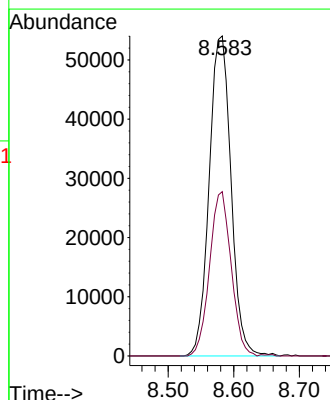
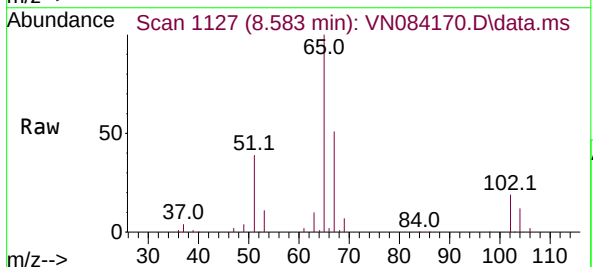
Acq: 25 Sep 2024 19:23

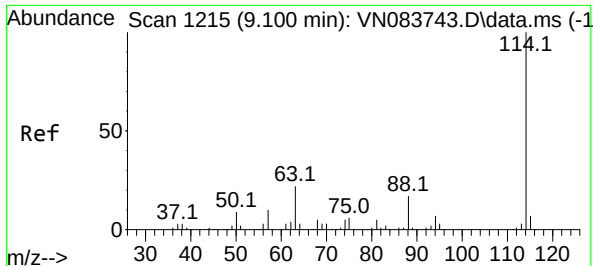
Tgt Ion: 65 Resp: 125190

Ion Ratio Lower Upper

65 100

67 50.6 0.0 100.8

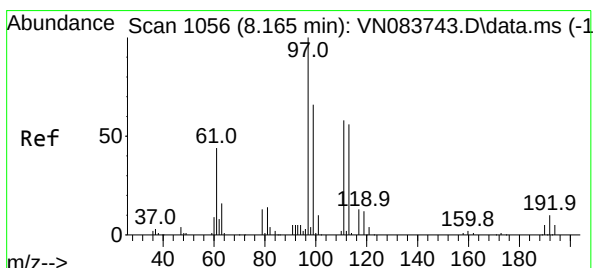
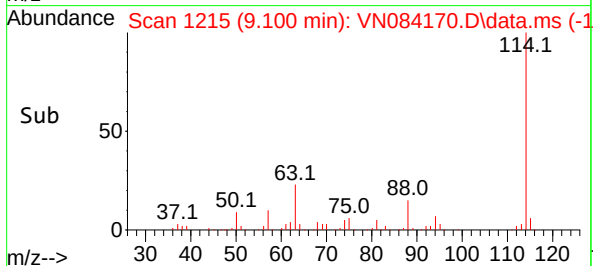
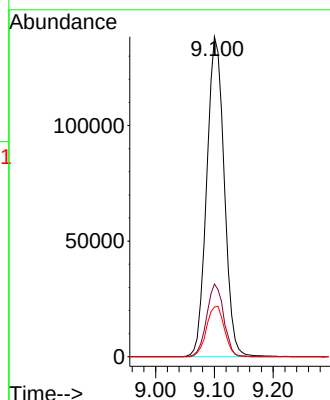
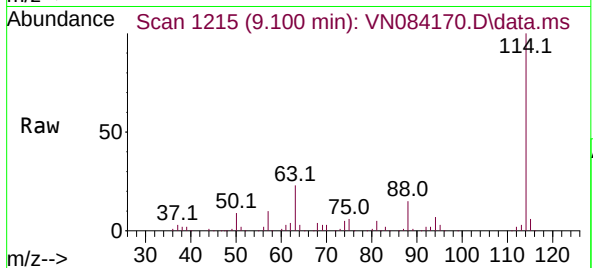




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084170.D
Acq: 25 Sep 2024 19:23

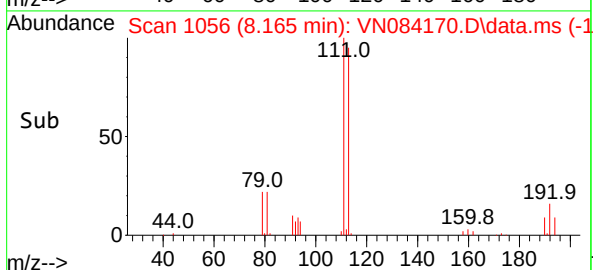
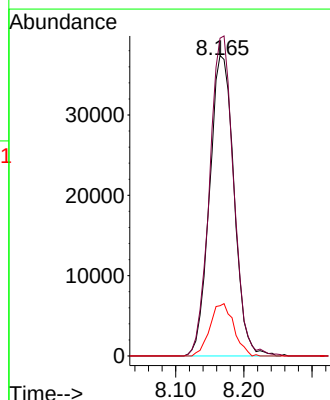
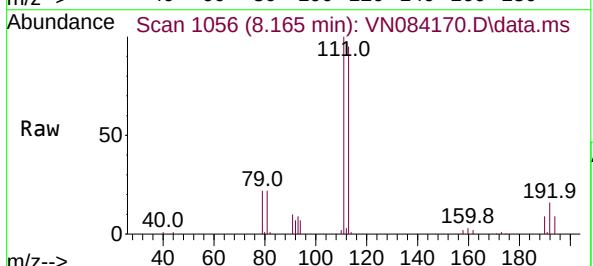
Instrument :
MSVOA_N
ClientSampleId :

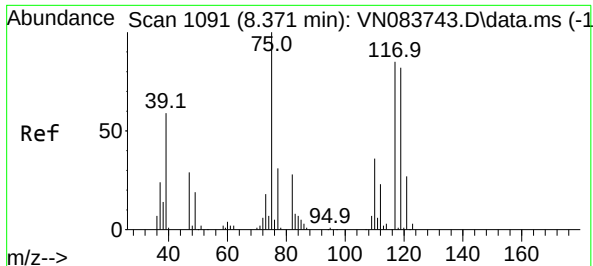
Tgt Ion:114 Resp: 285685
Ion Ratio Lower Upper
114 100
63 22.7 0.0 43.4
88 15.5 0.0 32.6



#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

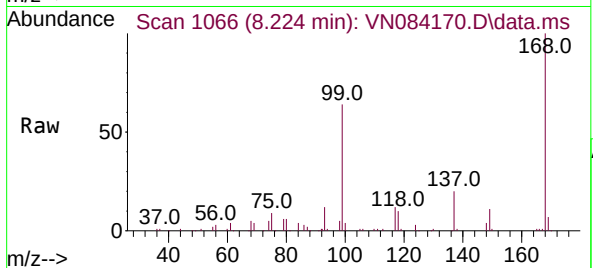
Lab File: VN084170.D

Acq: 25 Sep 2024 19:23

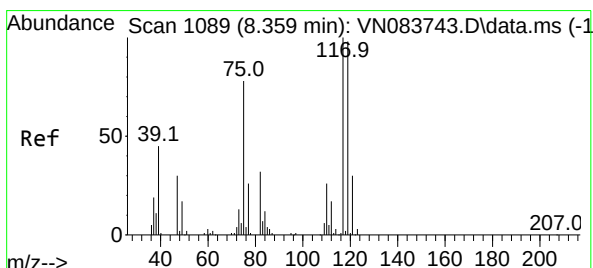
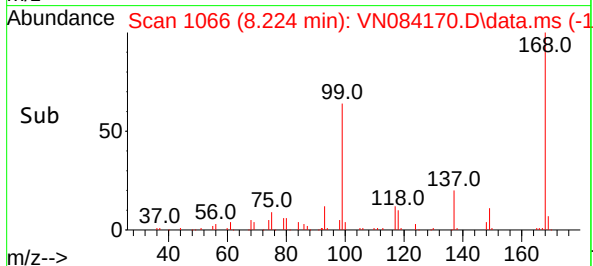
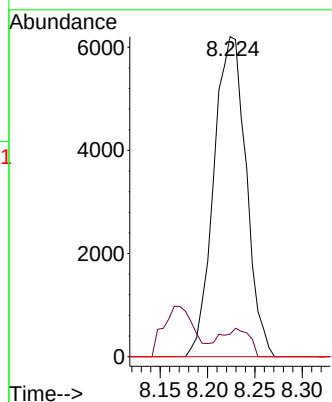
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	14715
Ion Ratio	100	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

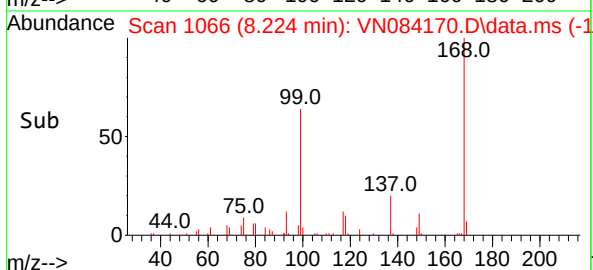
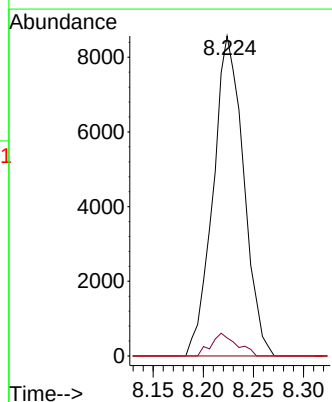
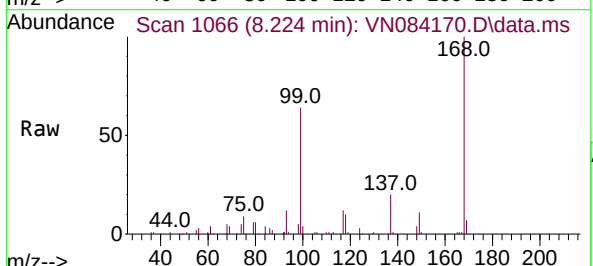
RT: 8.224 min Scan# 1066

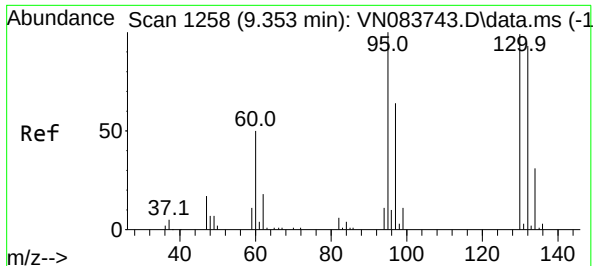
Delta R.T. -0.135 min

Lab File: VN084170.D

Acq: 25 Sep 2024 19:23

Tgt Ion:	117	Resp:	18097
Ion Ratio	100	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

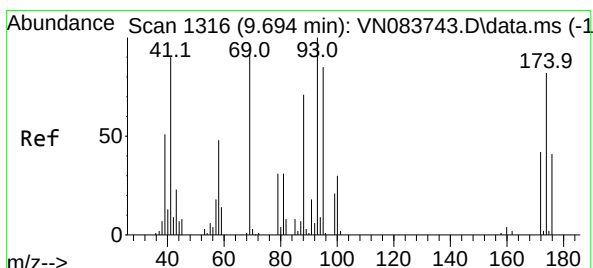
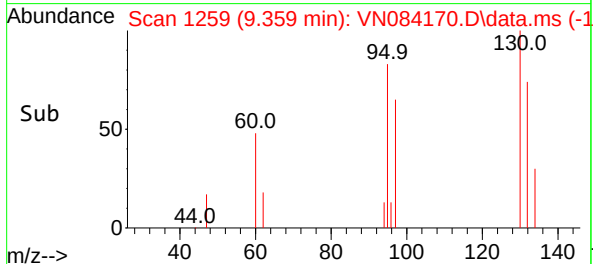
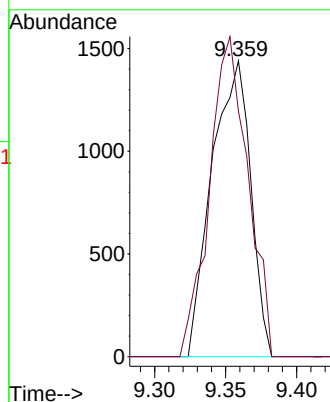
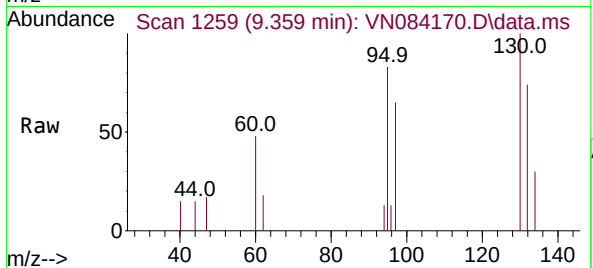
ClientSampleId :

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

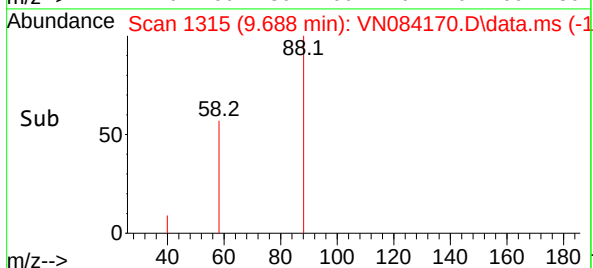
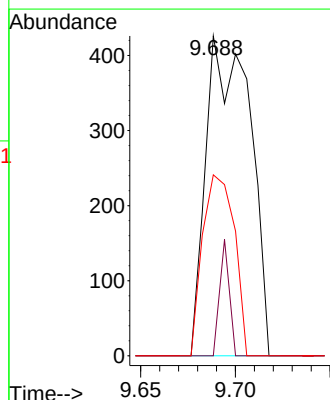
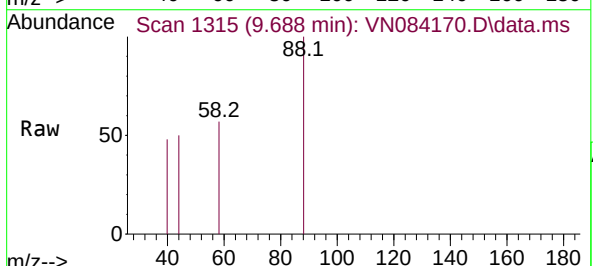
Tgt Ion: 88 Resp: 688

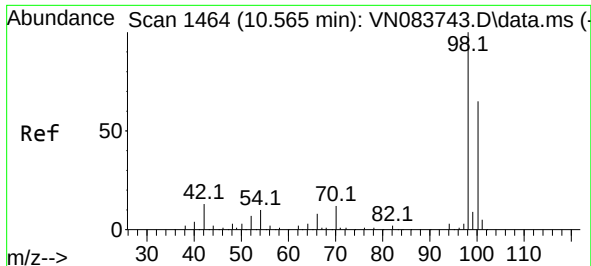
Ion Ratio Lower Upper

88 100

43 8.0 0.0 0.0#

58 40.8 57.1 85.7#

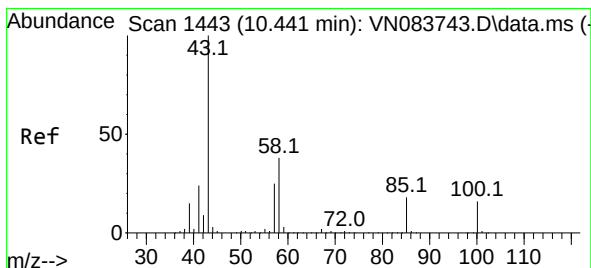
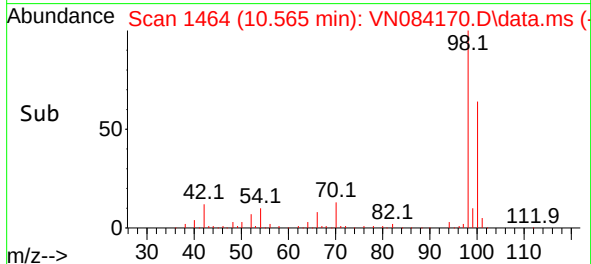
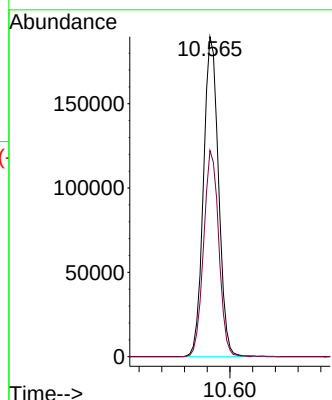
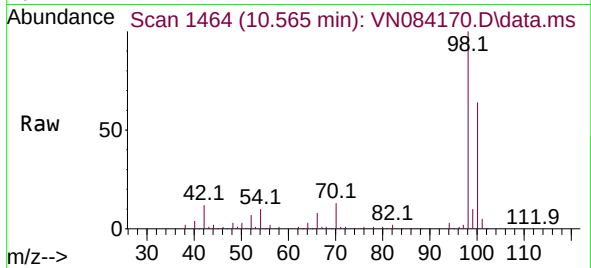




#50
Toluene-d8
Concen: 55.186 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084170.D
Acq: 25 Sep 2024 19:23

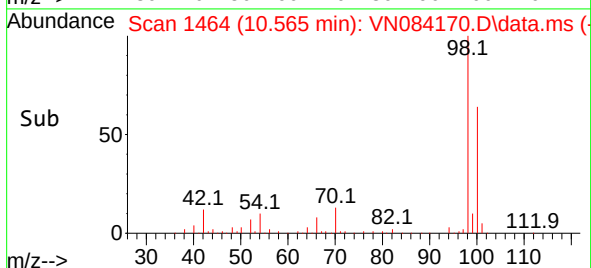
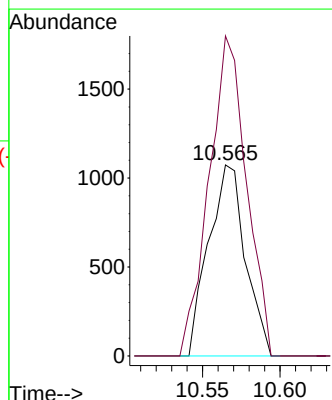
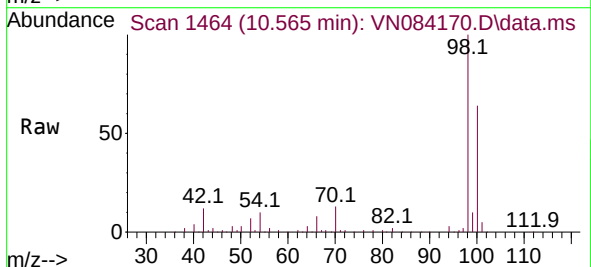
Instrument :
MSVOA_N
ClientSampleId :

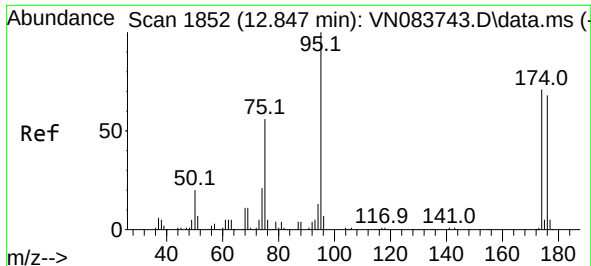
Tgt Ion: 98 Resp: 348923
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#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#

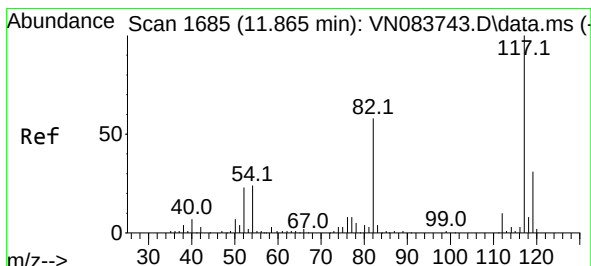
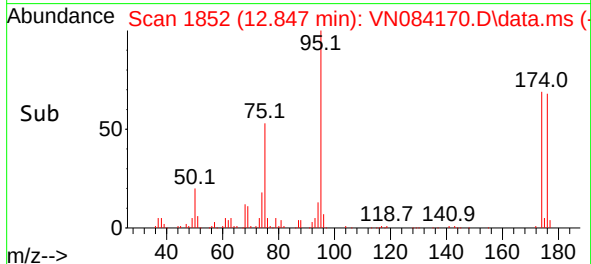
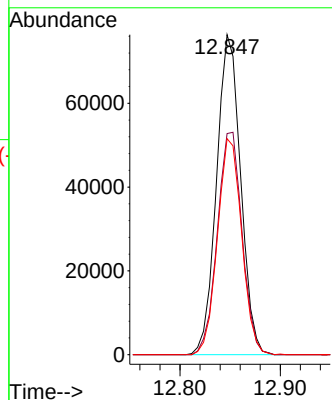
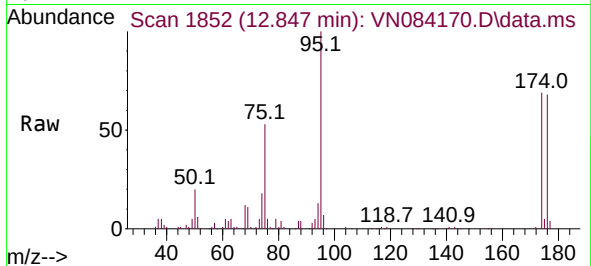




#62
4-Bromofluorobenzene
Concen: 48.879 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084170.D
Acq: 25 Sep 2024 19:23

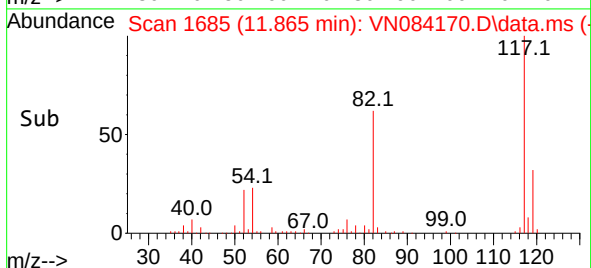
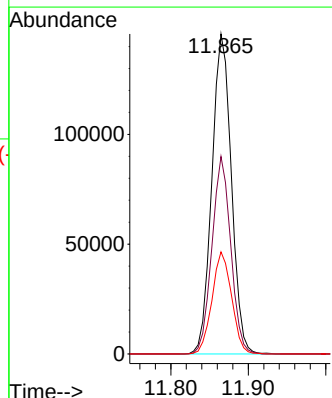
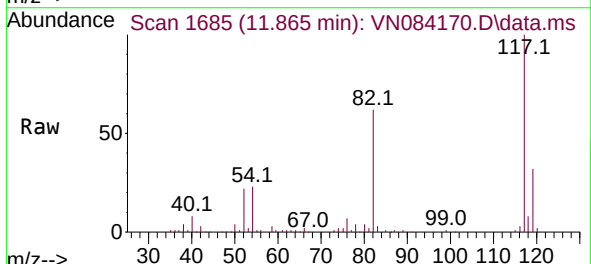
Instrument :
MSVOA_N
ClientSampleId :

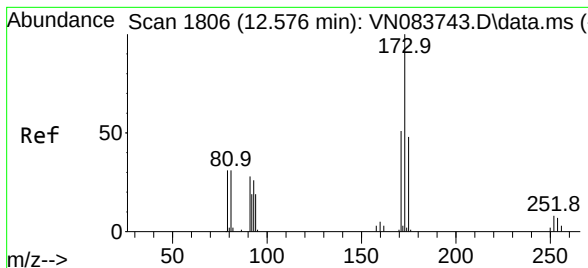
Tgt Ion: 95 Resp: 127504
Ion Ratio Lower Upper
95 100
174 71.4 0.0 139.8
176 67.8 0.0 131.4



#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

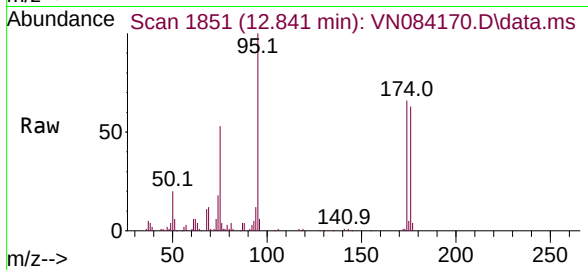
Lab File: VN084170.D

Acq: 25 Sep 2024 19:23

Instrument :

MSVOA_N

ClientSampleId :



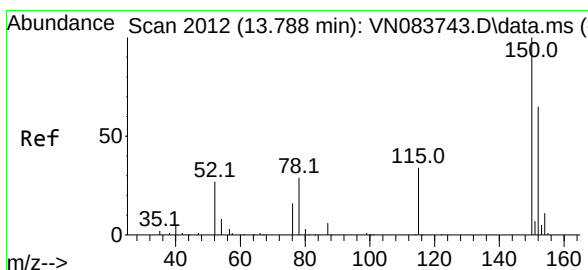
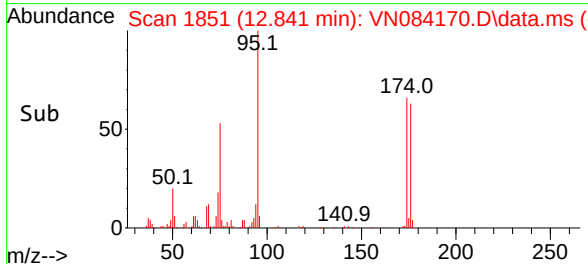
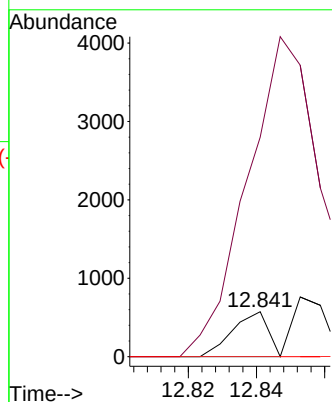
Tgt Ion:173 Resp: 415

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

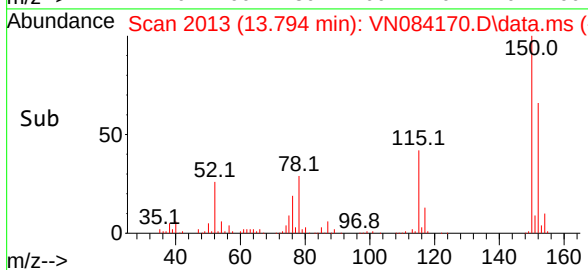
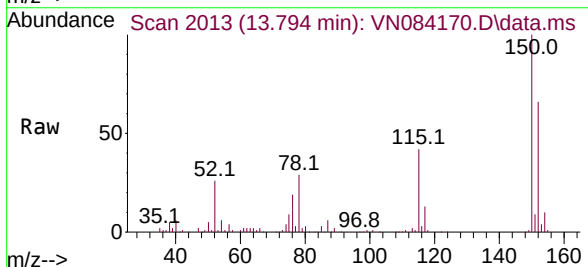
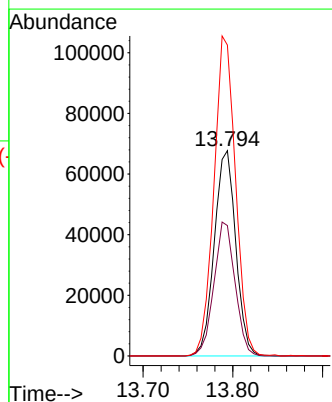
Tgt Ion:152 Resp: 112562

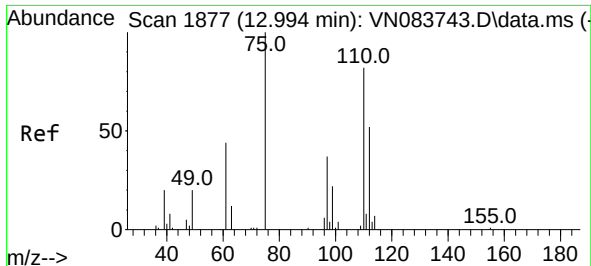
Ion Ratio Lower Upper

152 100

115 64.1 32.2 96.6

150 156.5 0.0 348.6

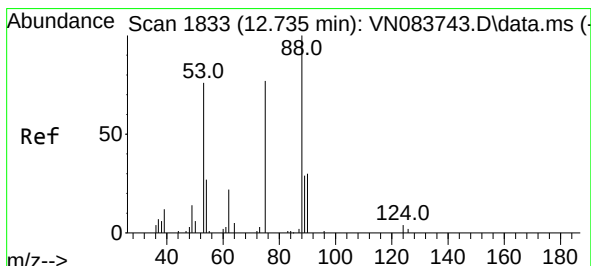
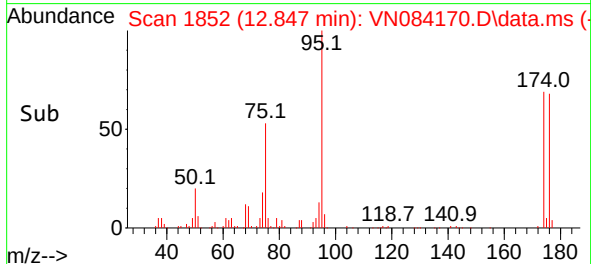
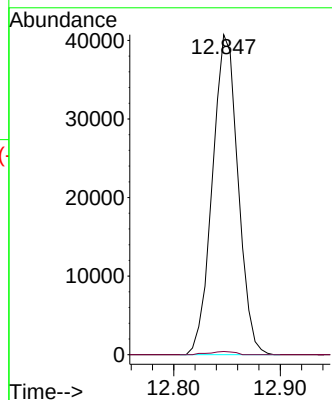
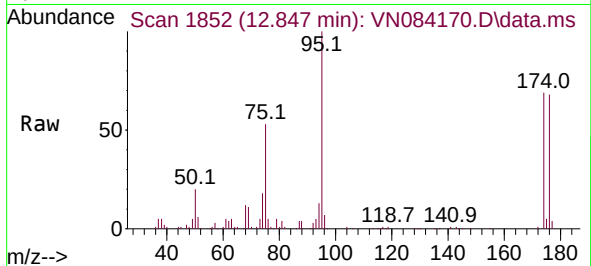




#76
1,2,3-Trichloropropane
Concen: 29.954 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN084170.D
Acq: 25 Sep 2024 19:23

Instrument :
MSVOA_N
ClientSampleId :

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#

