

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091224\
 Data File : VN083862.D
 Acq On : 13 Sep 2024 08:36
 Operator : JC\MD
 Sample : P3957-17
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 13 09:14:25 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)

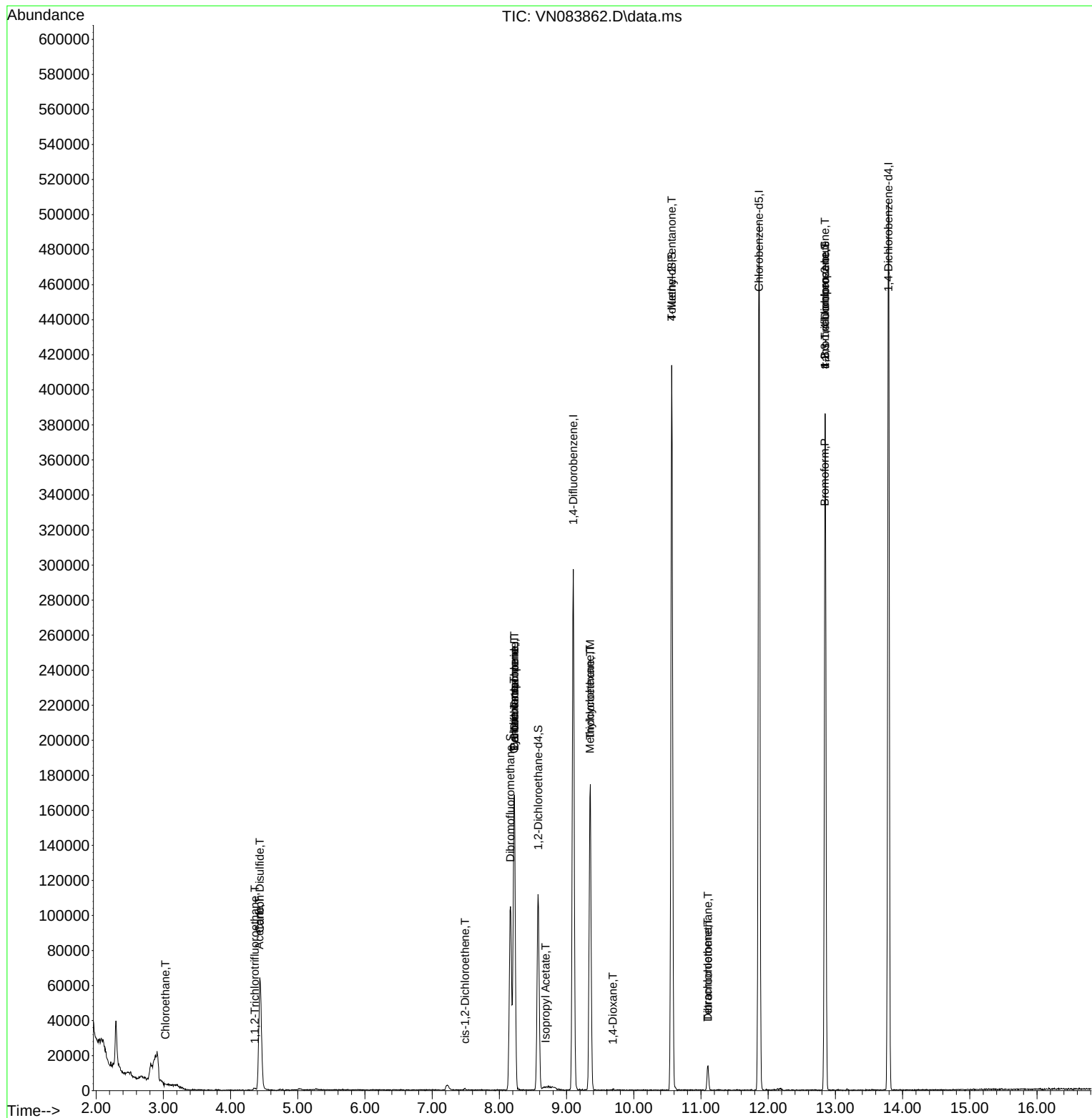
Internal Standards						
1) Pentafluorobenzene	8.224	168	114677	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	241310	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	269120	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	129907	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	95238	55.077	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.160%
35) Dibromofluoromethane	8.165	113	75144	48.642	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.280%
50) Toluene-d8	10.565	98	271688	50.872	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.740%
62) 4-Bromofluorobenzene	12.847	95	130936	59.425	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	118.840%
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	919	Below Cal		99
6) Chloroethane	3.030	64	988	0.965	ug/l #	88
9) 1,1,2-Trichlorotrifluo...	4.359	101	862	0.656	ug/l #	41
16) Acetone	4.430	43	798	1.151	ug/l #	45
17) Carbon Disulfide	4.436	76	1895	0.546	ug/l #	75
18) Methyl Acetate	5.024	43	1695	Below Cal	#	52
27) cis-1,2-Dichloroethene	7.488	96	331	0.210	ug/l	78
31) Cyclohexane	8.218	56	3278	1.312	ug/l #	14
36) 1,1-Dichloropropene	8.224	75	10703	4.603	ug/l #	51
38) Carbon Tetrachloride	8.224	117	13214	5.009	ug/l #	15
39) Methylcyclohexane	9.347	83	626	0.237	ug/l #	1
43) Isopropyl Acetate	8.688	43	1088	0.284	ug/l #	57
44) Trichloroethene	9.353	130	59771	36.880	ug/l	93
49) 1,4-Dioxane	9.688	88	199	6.666	ug/l #	95
51) 4-Methyl-2-Pentanone	10.565	43	1479	0.710	ug/l #	1
60) Dibromochloromethane	11.106	129	3053	1.707	ug/l #	10
64) Tetrachloroethene	11.100	164	3155	1.763	ug/l #	85
71) Bromoform	12.841	173	352	0.252	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	74157	28.291	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	74157	74.095	ug/l #	9

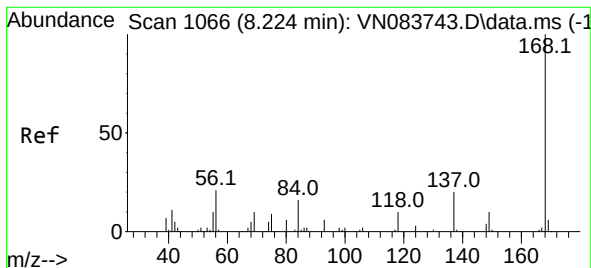
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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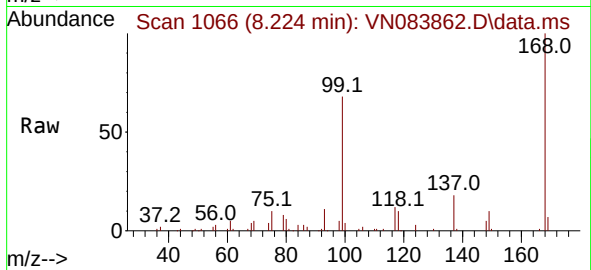
Quant Time: Sep 13 09:14:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



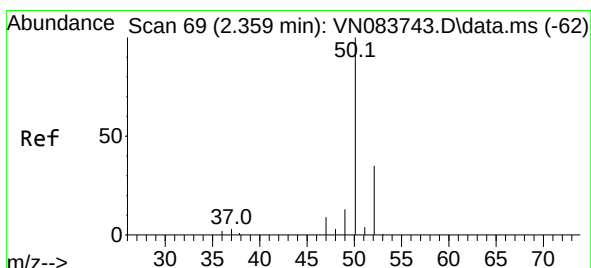
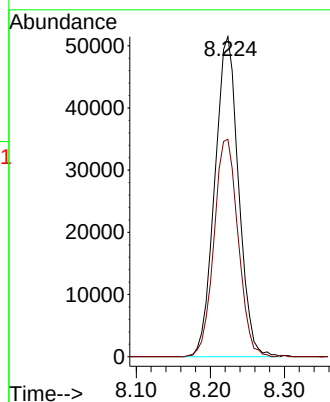
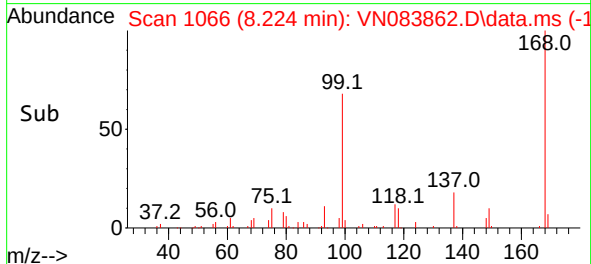


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083862.D
Acq: 13 Sep 2024 08:36

Instrument :
MSVOA_N
ClientSampleId :

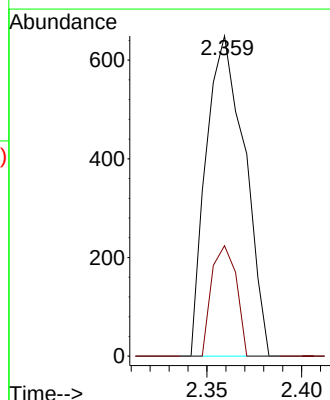
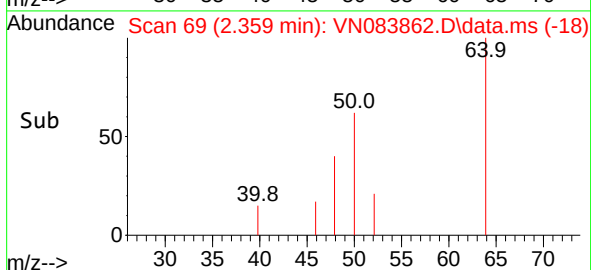
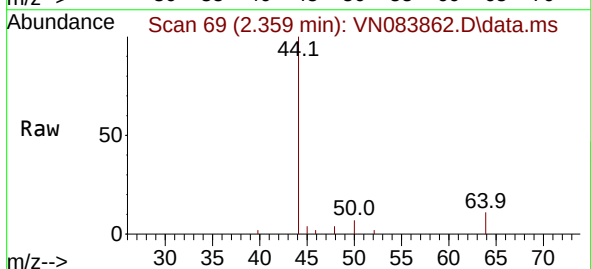


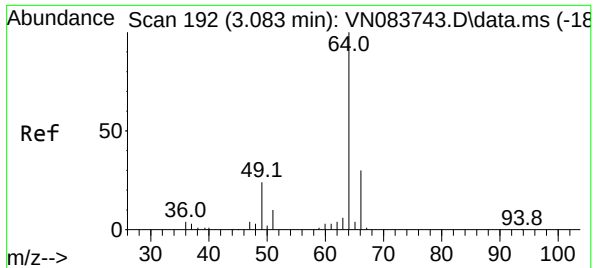
Tgt Ion:168 Resp: 114677
Ion Ratio Lower Upper
168 100
99 67.9 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083862.D
Acq: 13 Sep 2024 08:36

Tgt Ion: 50 Resp: 919
Ion Ratio Lower Upper
50 100
52 34.5 27.2 40.8

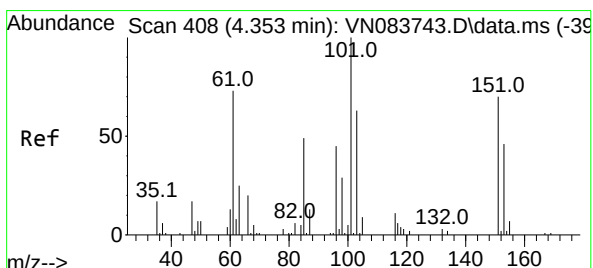
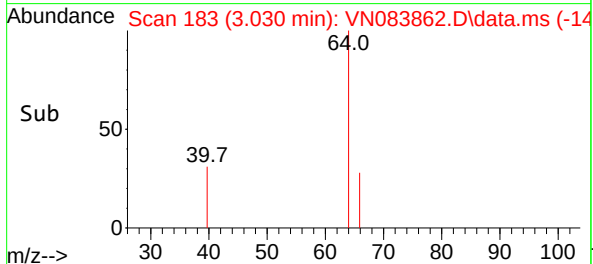
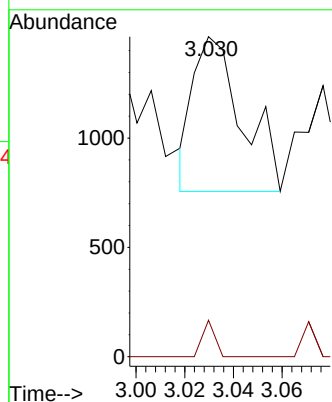
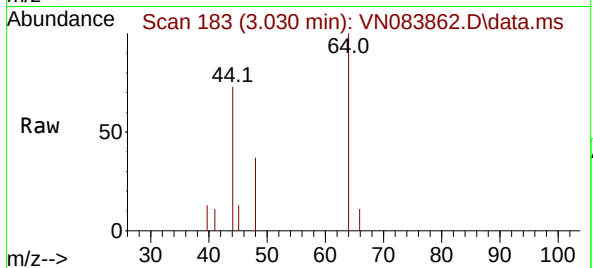




#6
Chloroethane
Concen: 0.965 ug/l
RT: 3.030 min Scan# 11
Delta R.T. -0.053 min
Lab File: VN083862.D
Acq: 13 Sep 2024 08:36

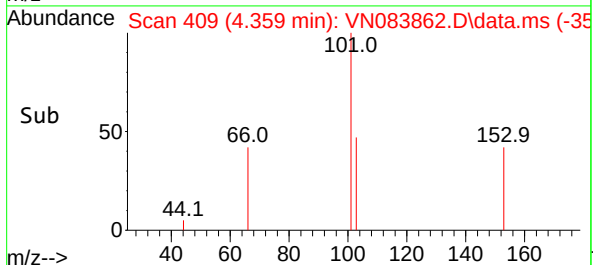
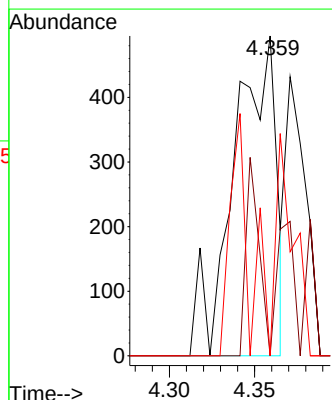
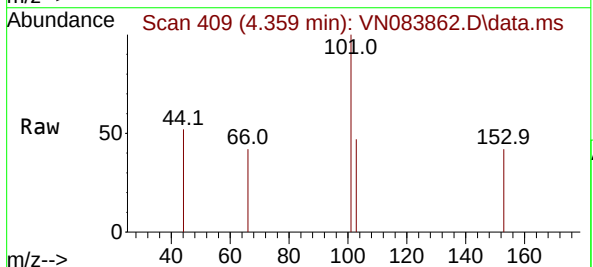
Instrument :
MSVOA_N
ClientSampleId :

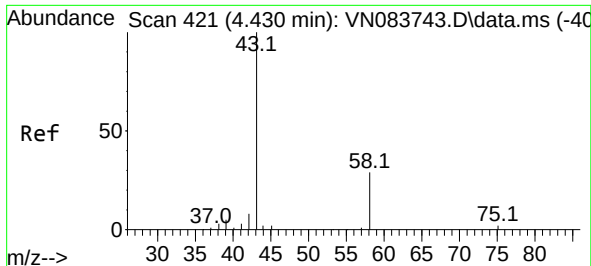
Tgt Ion: 64 Resp: 988
Ion Ratio Lower Upper
64 100
66 23.6 23.9 35.9#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.656 ug/l
RT: 4.359 min Scan# 409
Delta R.T. 0.006 min
Lab File: VN083862.D
Acq: 13 Sep 2024 08:36

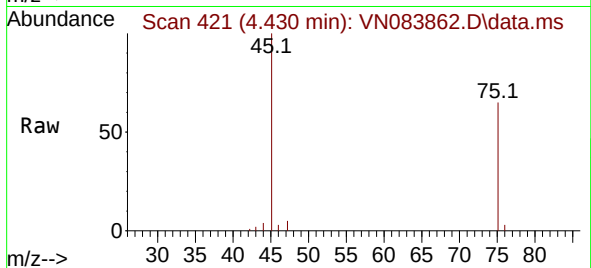
Tgt Ion:101 Resp: 862
Ion Ratio Lower Upper
101 100
85 0.0 36.2 54.4#
151 28.4 57.7 86.5#



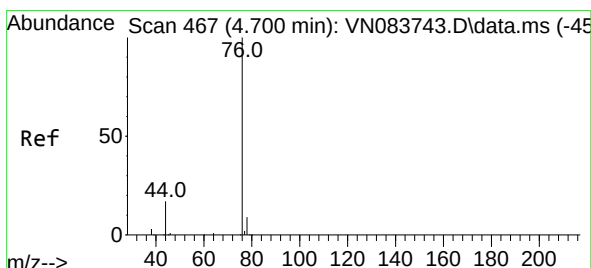
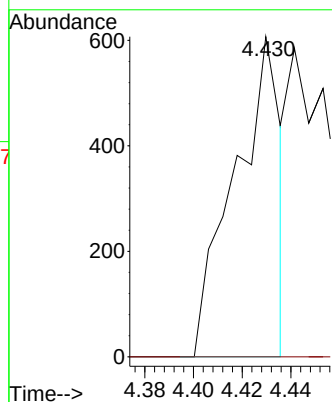
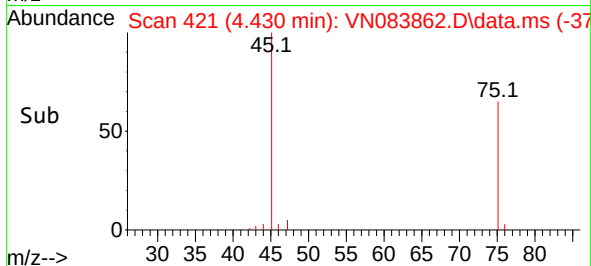


#16
Acetone
Concen: 1.151 ug/l
RT: 4.430 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN083862.D
Acq: 13 Sep 2024 08:36

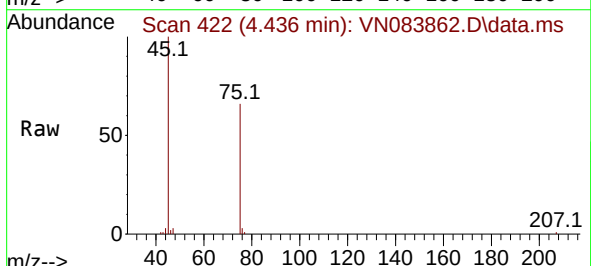
Instrument :
MSVOA_N
ClientSampleId :



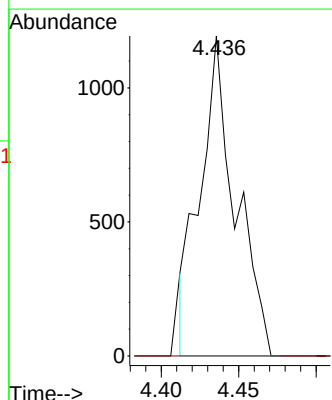
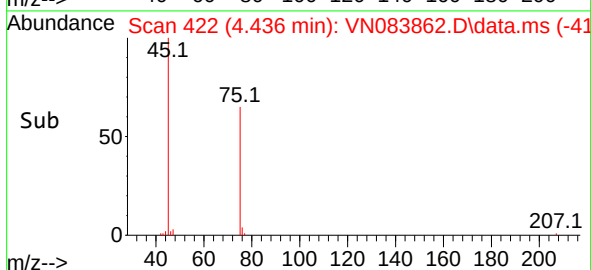
Tgt Ion: 43 Resp: 798
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#

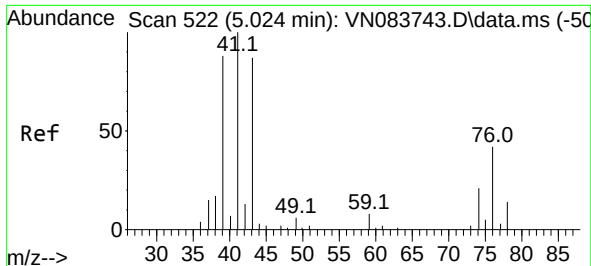


#17
Carbon Disulfide
Concen: 0.546 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.265 min
Lab File: VN083862.D
Acq: 13 Sep 2024 08:36



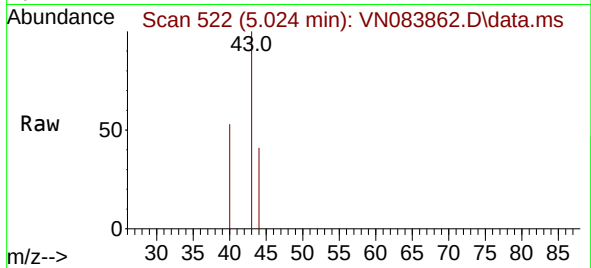
Tgt Ion: 76 Resp: 1895
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#



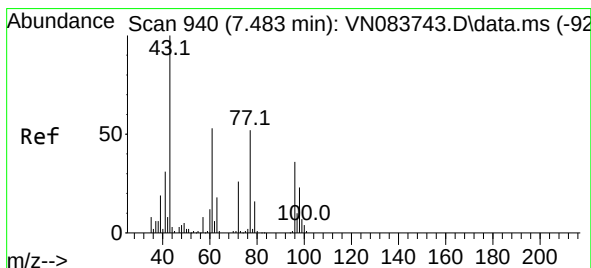
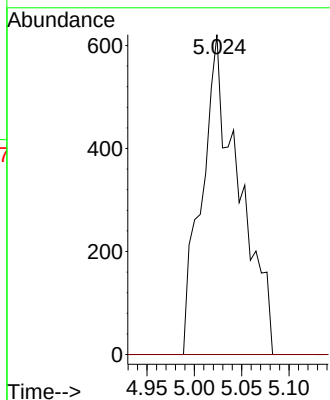
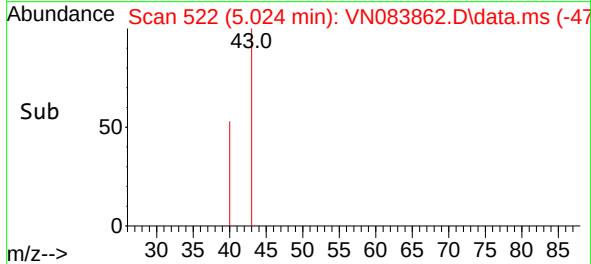


#18
Methyl Acetate
Concen: Below Cal
RT: 5.024 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN083862.D
Acq: 13 Sep 2024 08:36

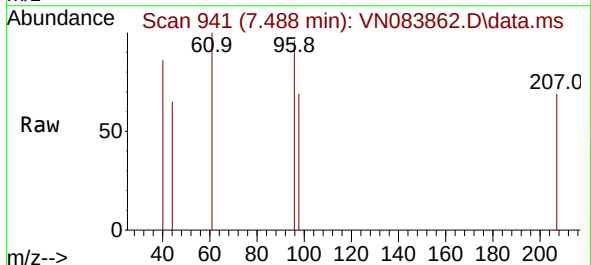
Instrument :
MSVOA_N
ClientSampleId :



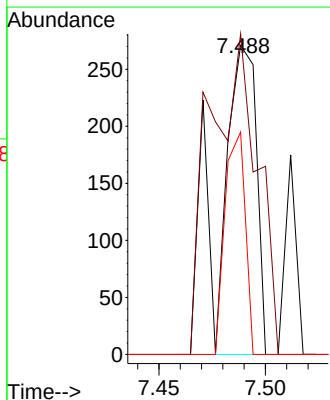
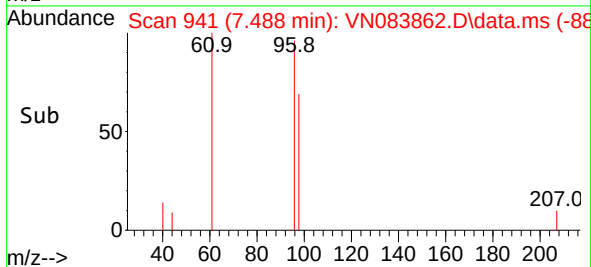
Tgt Ion: 43 Resp: 1695
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#

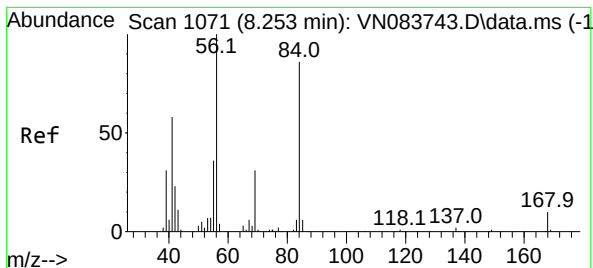


#27
cis-1,2-Dichloroethene
Concen: 0.210 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083862.D
Acq: 13 Sep 2024 08:36



Tgt Ion: 96 Resp: 331
Ion Ratio Lower Upper
96 100
61 130.8 0.0 306.2
98 39.0 0.0 128.6





#31

Cyclohexane

Concen: 1.312 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.035 min

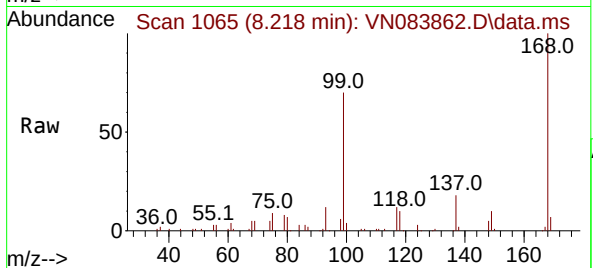
Lab File: VN083862.D

Acq: 13 Sep 2024 08:36

Instrument :

MSVOA_N

ClientSampleId :



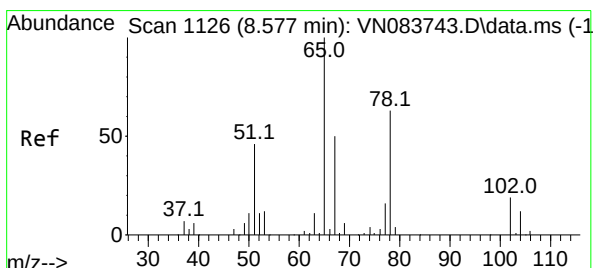
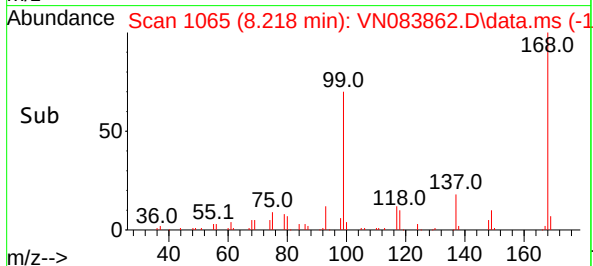
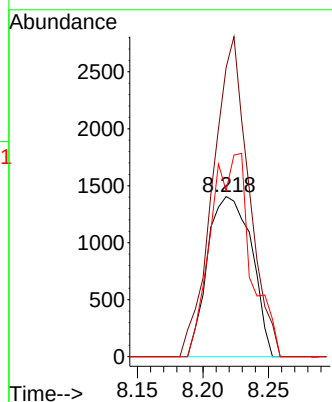
Tgt Ion: 56 Resp: 3278

Ion Ratio Lower Upper

56 100

69 180.6 26.9 40.3#

84 103.8 69.2 103.8



#33

1,2-Dichloroethane-d4

Concen: 55.077 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN083862.D

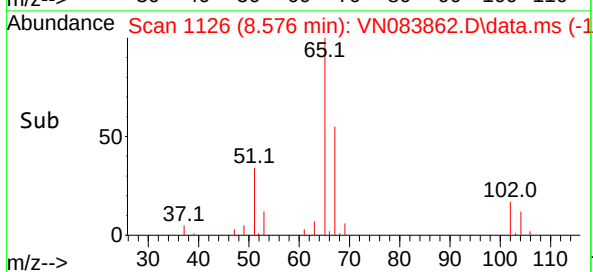
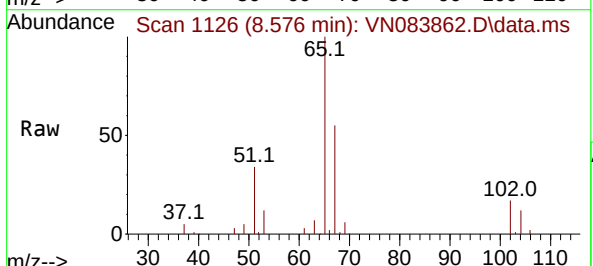
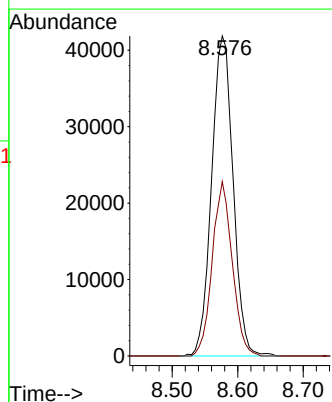
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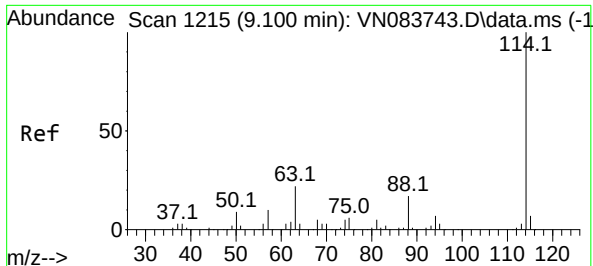
Tgt Ion: 65 Resp: 95238

Ion Ratio Lower Upper

65 100

67 50.7 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: VN083862.D

Acq: 13 Sep 2024 08:36

Instrument :

MSVOA_N

ClientSampleId :

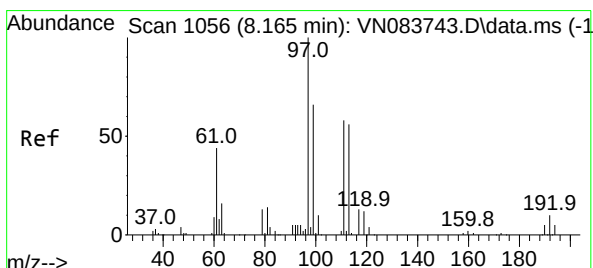
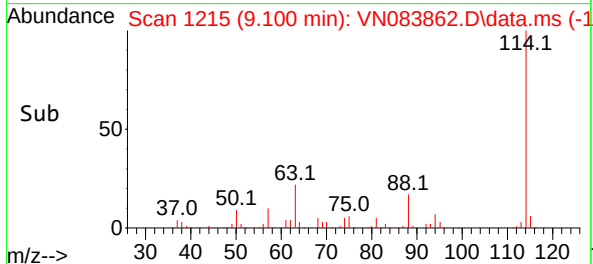
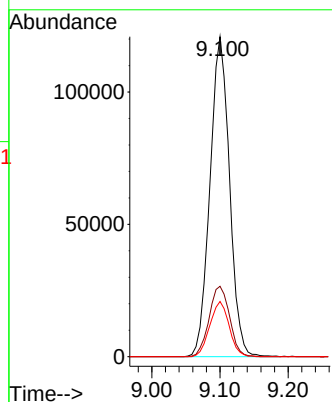
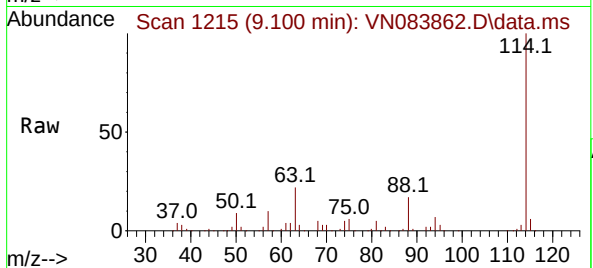
Tgt Ion:114 Resp: 241310

Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.4

88 17.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.642 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083862.D

Acq: 13 Sep 2024 08:36

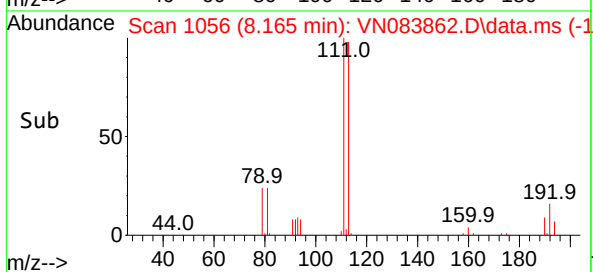
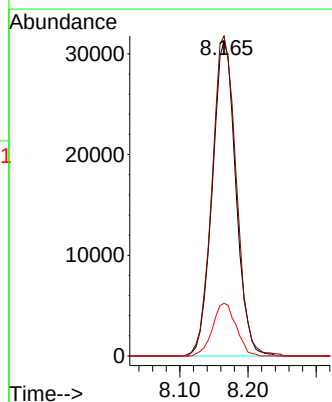
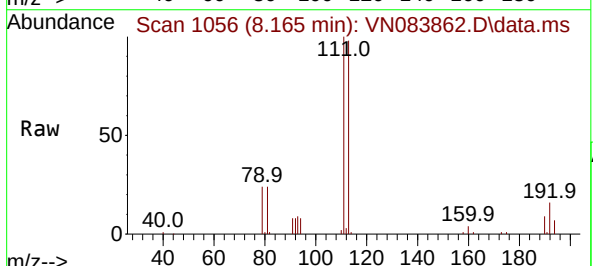
Tgt Ion:113 Resp: 75144

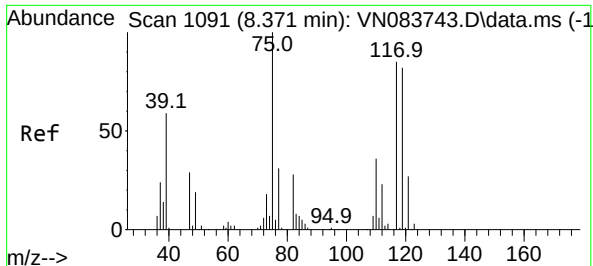
Ion Ratio Lower Upper

113 100

111 104.4 82.6 124.0

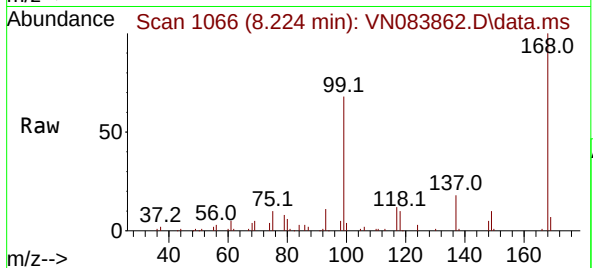
192 16.8 14.3 21.5



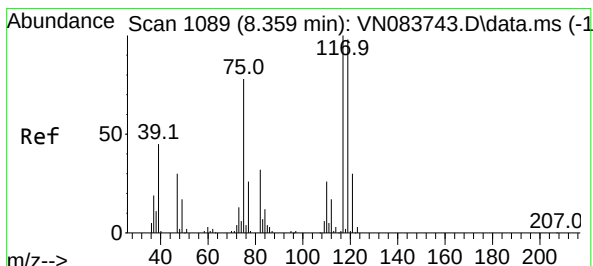
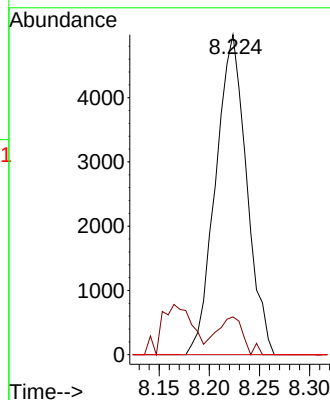
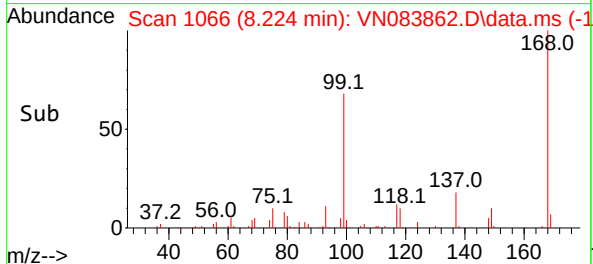


#36
 1,1-Dichloropropene
 Concen: 4.603 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.147 min
 Lab File: VN083862.D
 Acq: 13 Sep 2024 08:36

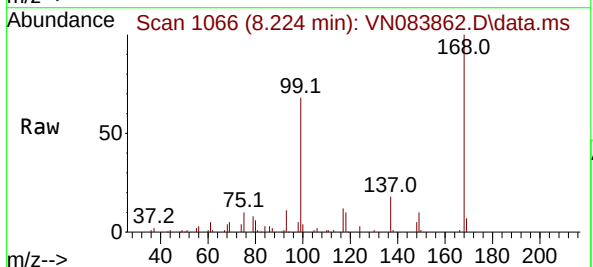
Instrument :
 MSVOA_N
 ClientSampleId :



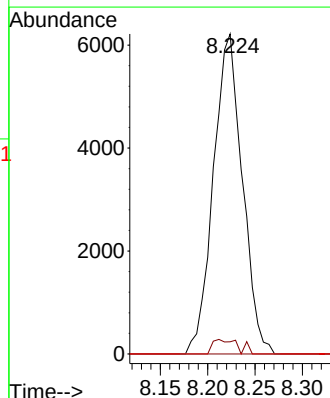
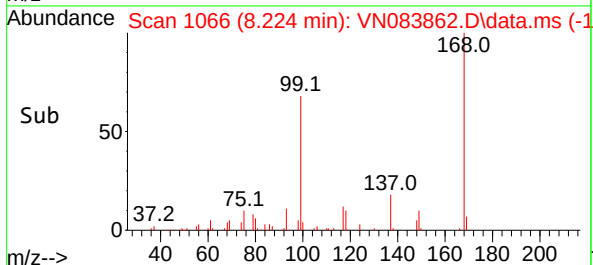
Tgt Ion: 75 Resp: 10703
 Ion Ratio Lower Upper
 75 100
 110 10.3 16.7 50.1#
 77 0.0 25.2 37.8#

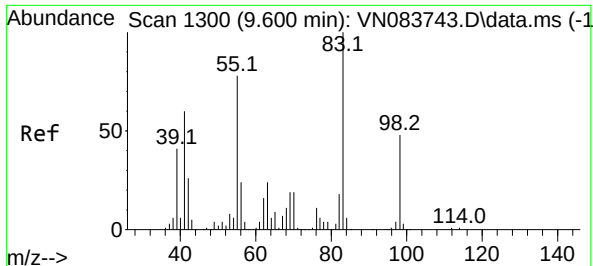


#38
 Carbon Tetrachloride
 Concen: 5.009 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.135 min
 Lab File: VN083862.D
 Acq: 13 Sep 2024 08:36



Tgt Ion: 117 Resp: 13214
 Ion Ratio Lower Upper
 117 100
 119 3.8 76.1 114.1#
 121 0.0 24.1 36.1#





#39

Methylcyclohexane

Concen: 0.237 ug/l

RT: 9.347 min Scan# 1125

Delta R.T. -0.253 min

Lab File: VN083862.D

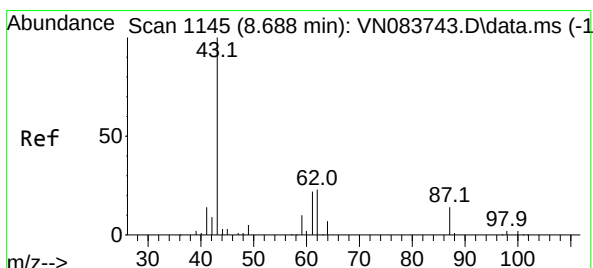
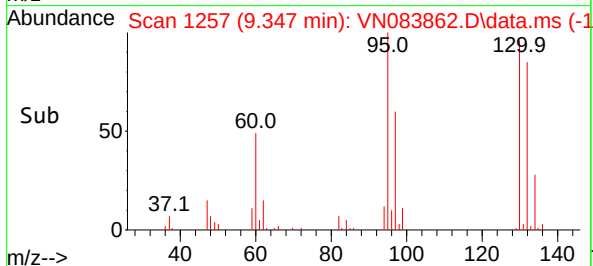
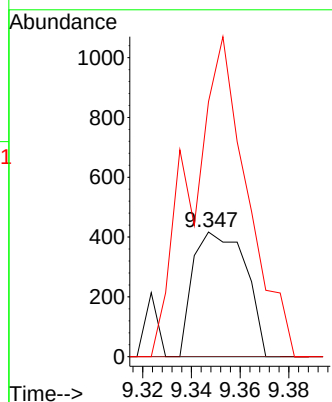
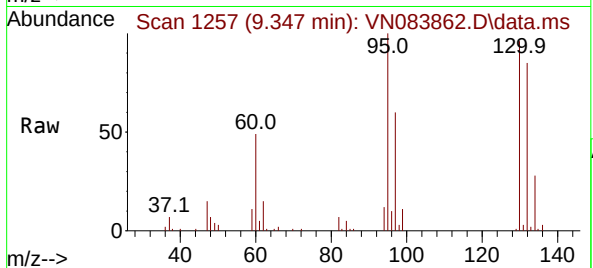
Acq: 13 Sep 2024 08:36

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 83	Resp: 626
Ion Ratio	Lower Upper
83 100	
55 0.0	62.2 93.4#
98 153.5	37.6 56.4#



#43

Isopropyl Acetate

Concen: 0.284 ug/l

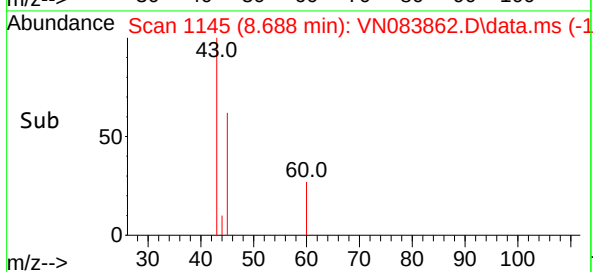
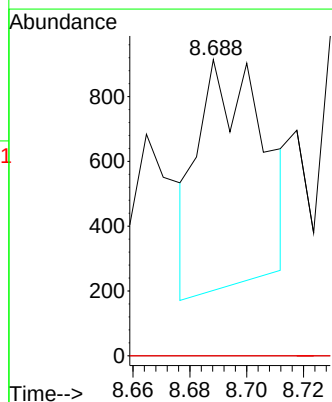
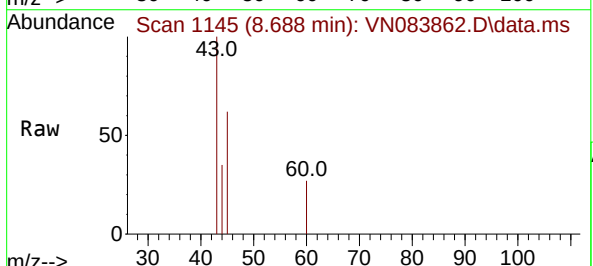
RT: 8.688 min Scan# 1145

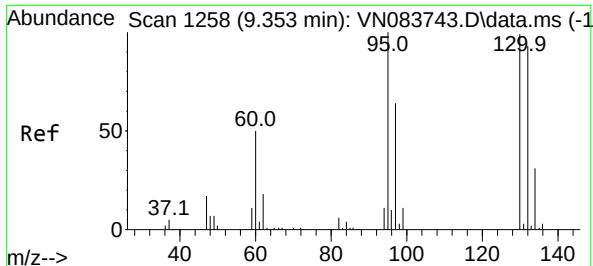
Delta R.T. -0.000 min

Lab File: VN083862.D

Acq: 13 Sep 2024 08:36

Tgt Ion: 43	Resp: 1088
Ion Ratio	Lower Upper
43 100	
61 0.0	19.4 29.0#
87 0.0	9.8 14.6#

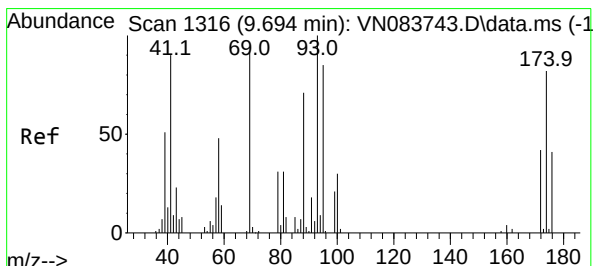
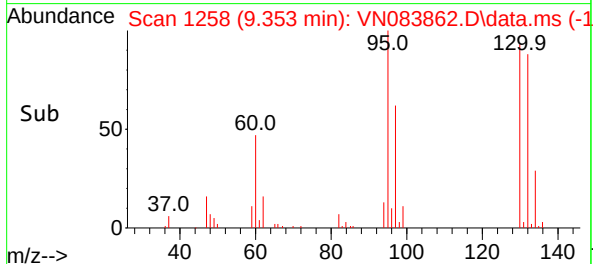
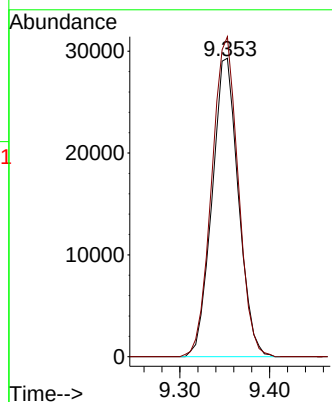
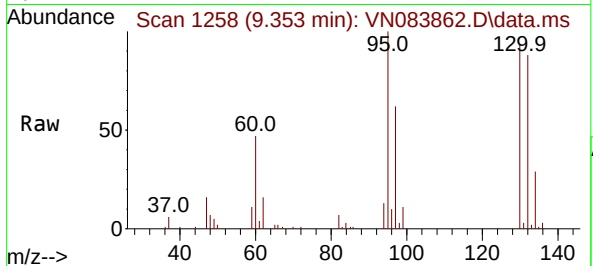




#44
Trichloroethene
Concen: 36.880 ug/l
RT: 9.353 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083862.D
Acq: 13 Sep 2024 08:36

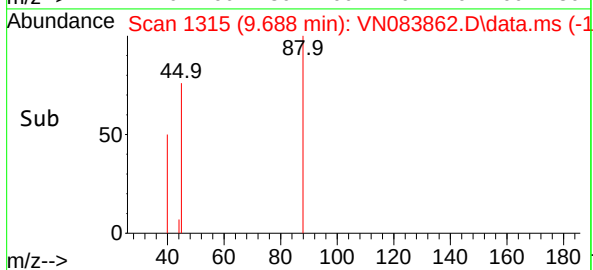
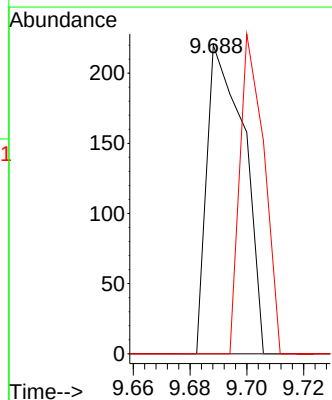
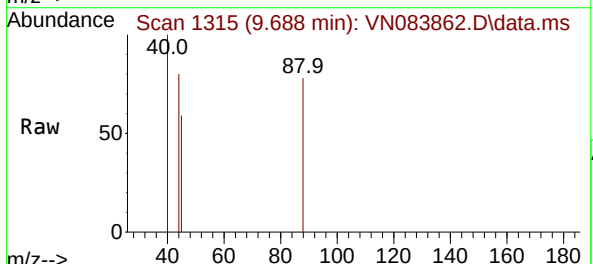
Instrument :
MSVOA_N
ClientSampleId :

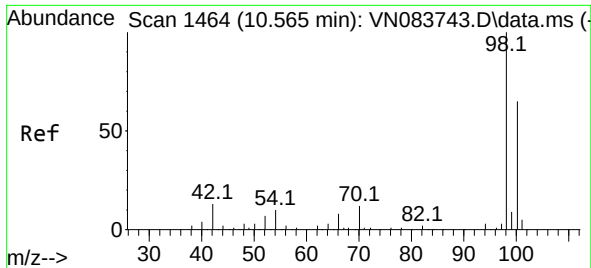
Tgt Ion:130 Resp: 59771
Ion Ratio Lower Upper
130 100
95 107.2 0.0 200.4



#49
1,4-Dioxane
Concen: 6.666 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.006 min
Lab File: VN083862.D
Acq: 13 Sep 2024 08:36

Tgt Ion: 88 Resp: 199
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 67.3 57.1 85.7

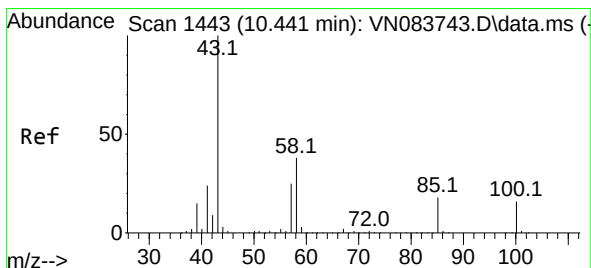
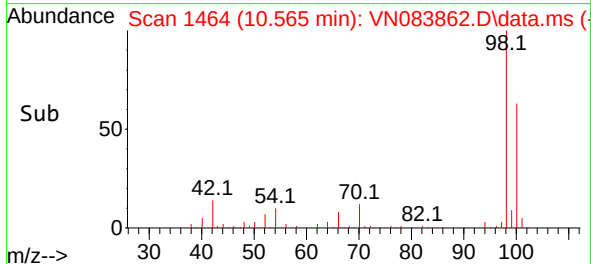
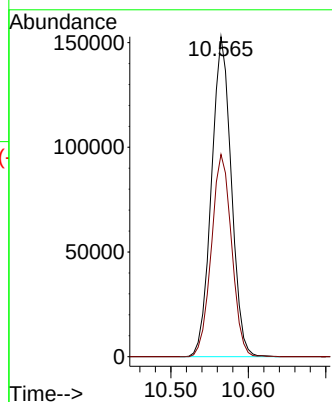
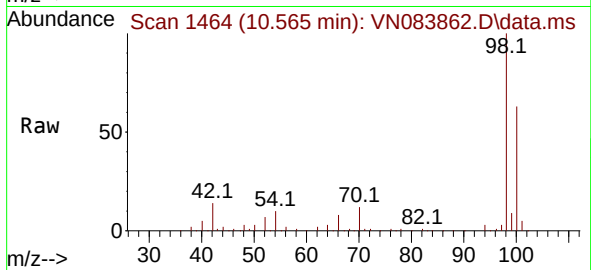




#50
Toluene-d8
Concen: 50.872 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083862.D
Acq: 13 Sep 2024 08:36

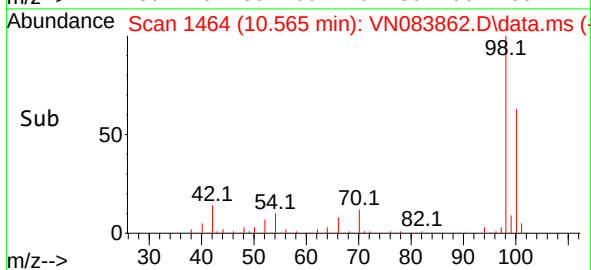
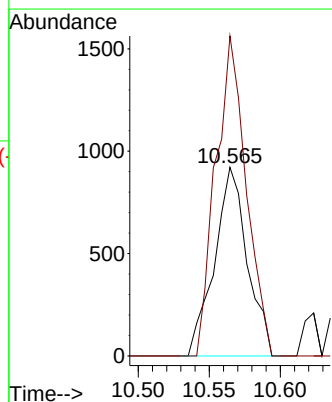
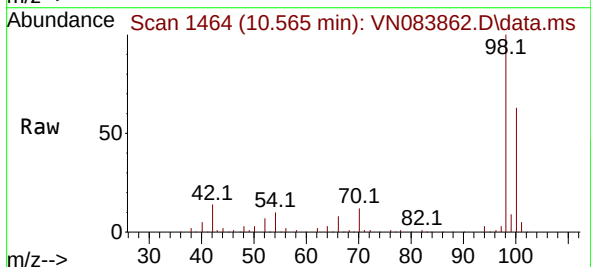
Instrument :
MSVOA_N
ClientSampleId :

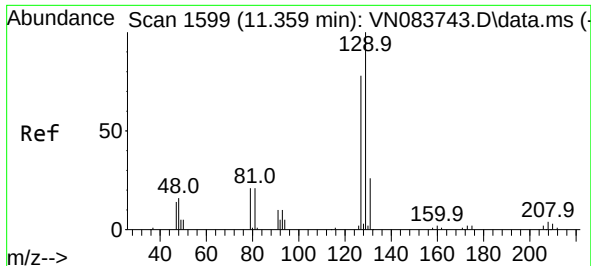
Tgt Ion: 98 Resp: 271688
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.710 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.123 min
Lab File: VN083862.D
Acq: 13 Sep 2024 08:36

Tgt Ion: 43 Resp: 1479
Ion Ratio Lower Upper
43 100
58 158.1 31.6 47.4#

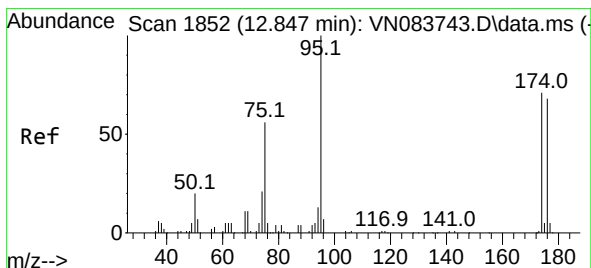
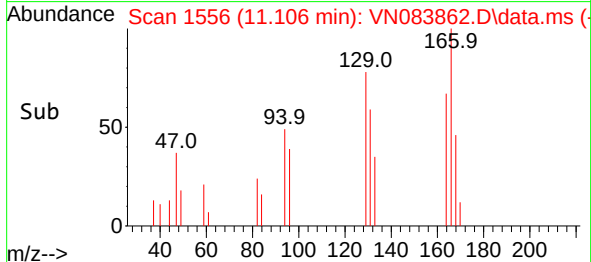
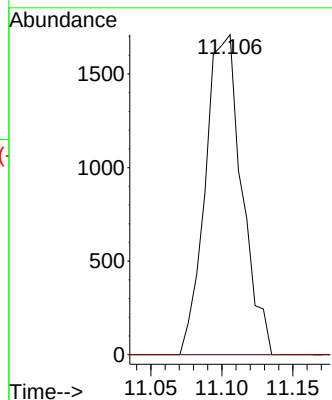
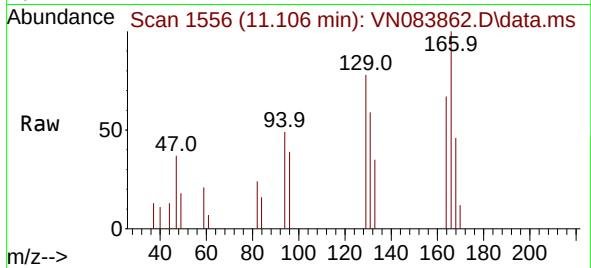




#60
Dibromochloromethane
Concen: 1.707 ug/l
RT: 11.106 min Scan# 11
Delta R.T. -0.253 min
Lab File: VN083862.D
Acq: 13 Sep 2024 08:36

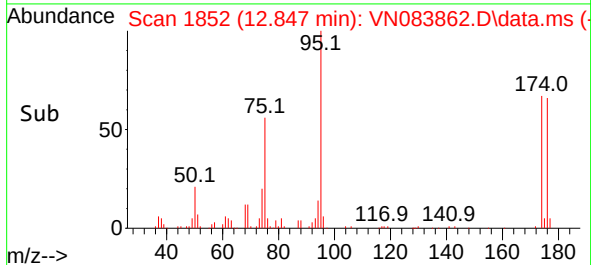
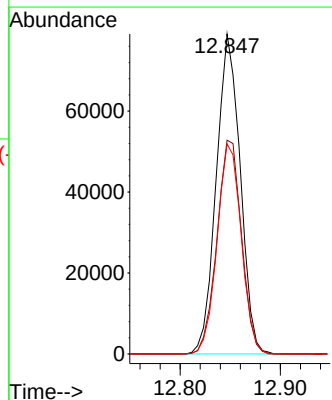
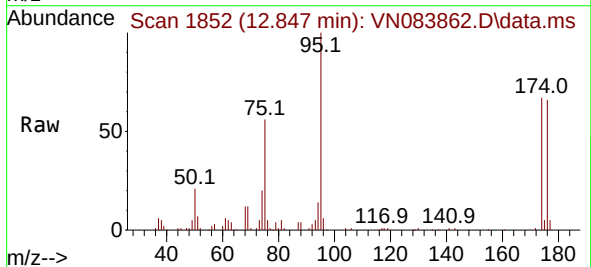
Instrument :
MSVOA_N
ClientSampleId :

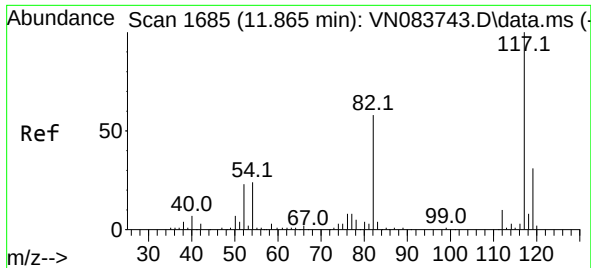
Tgt Ion:129 Resp: 3053
Ion Ratio Lower Upper
129 100
127 0.0 39.0 116.9#



#62
4-Bromofluorobenzene
Concen: 59.425 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083862.D
Acq: 13 Sep 2024 08:36

Tgt Ion: 95 Resp: 130936
Ion Ratio Lower Upper
95 100
174 68.4 0.0 139.8
176 66.1 0.0 131.4

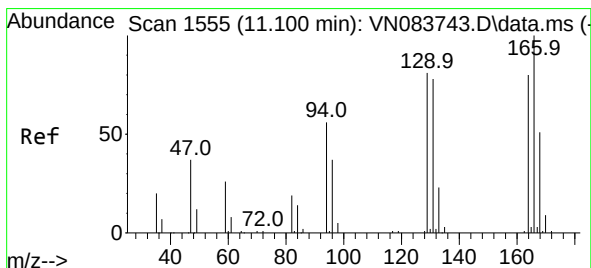
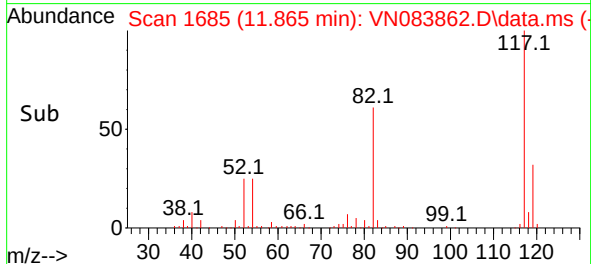
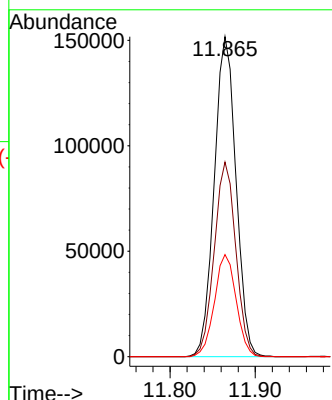
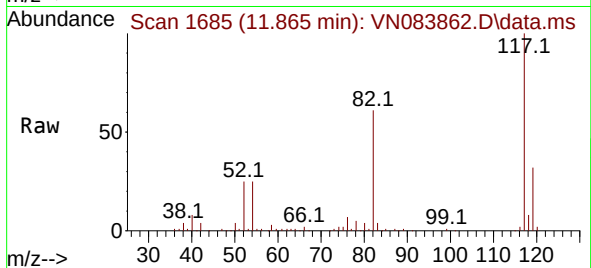




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083862.D
Acq: 13 Sep 2024 08:36

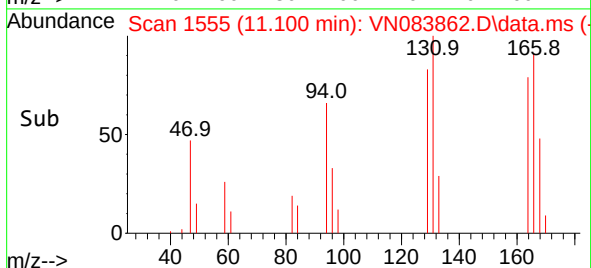
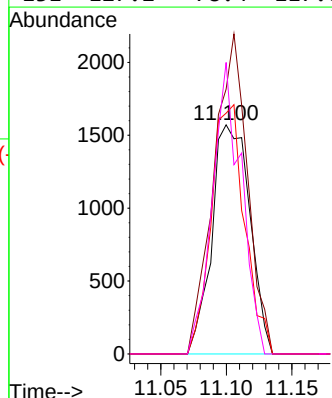
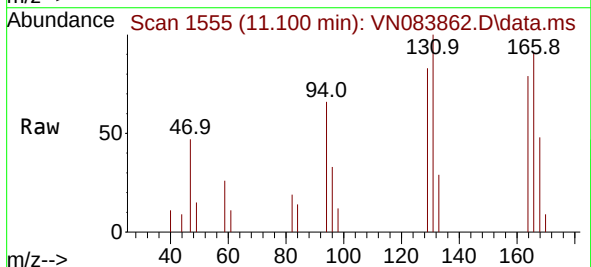
Instrument :
MSVOA_N
ClientSampleId :

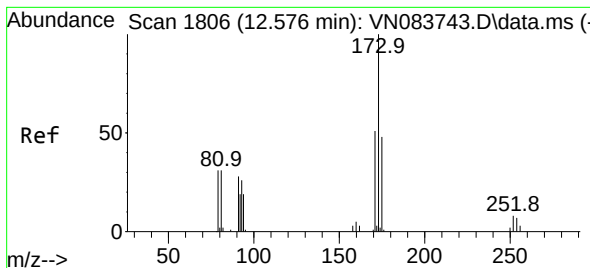
Tgt Ion:117 Resp: 269120
Ion Ratio Lower Upper
117 100
82 60.8 47.4 71.0
119 31.9 26.3 39.5



#64
Tetrachloroethene
Concen: 1.763 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN083862.D
Acq: 13 Sep 2024 08:36

Tgt Ion:164 Resp: 3155
Ion Ratio Lower Upper
164 100
166 115.5 103.7 155.5
129 105.1 79.9 119.9
131 127.2 78.4 117.6#





#71

Bromoform

Concen: 0.252 ug/l

RT: 12.841 min Scan# 1806

Delta R.T. 0.265 min

Lab File: VN083862.D

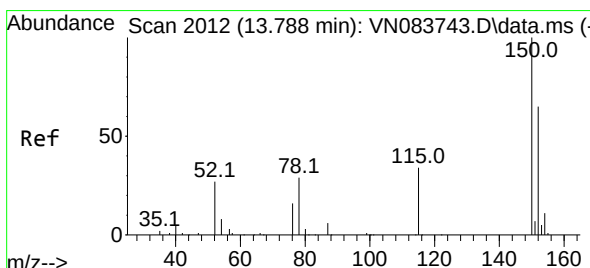
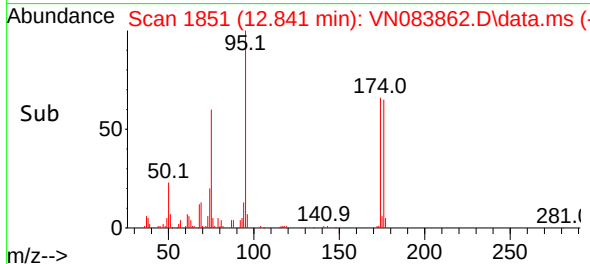
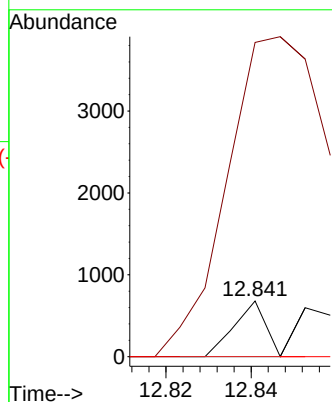
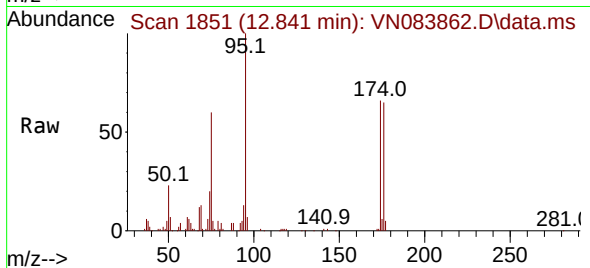
Acq: 13 Sep 2024 08:36

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:173 Resp: 352
 Ion Ratio Lower Upper
 173 100
 175 1498.9 24.1 72.2#
 254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

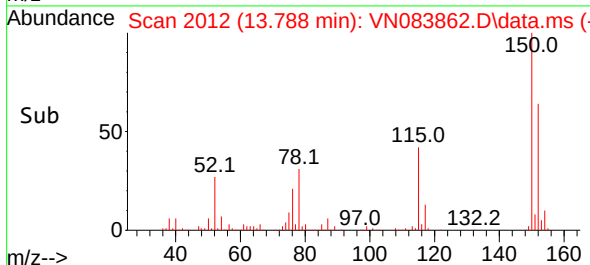
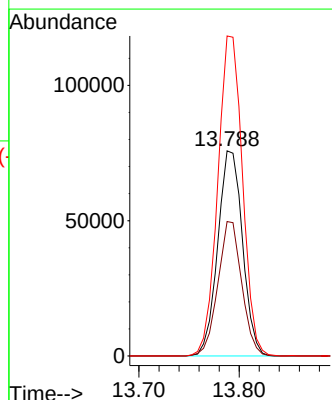
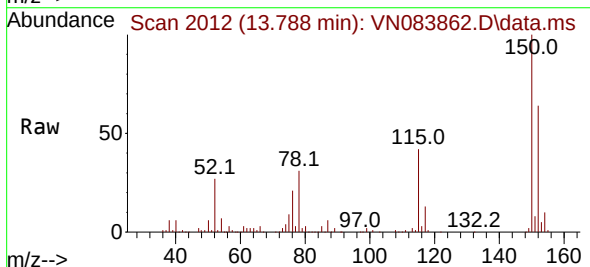
RT: 13.788 min Scan# 2012

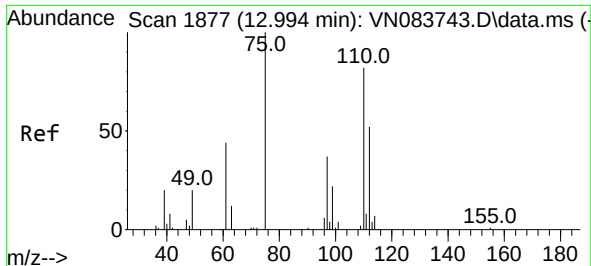
Delta R.T. -0.000 min

Lab File: VN083862.D

Acq: 13 Sep 2024 08:36

Tgt Ion:152 Resp: 129907
 Ion Ratio Lower Upper
 152 100
 115 63.2 32.2 96.6
 150 155.8 0.0 348.6

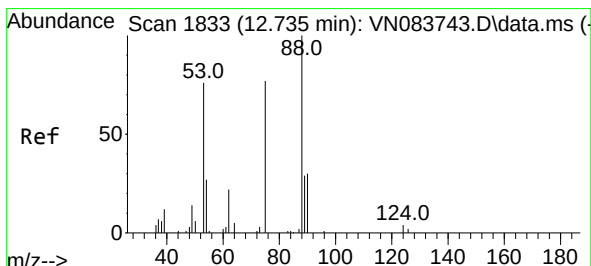
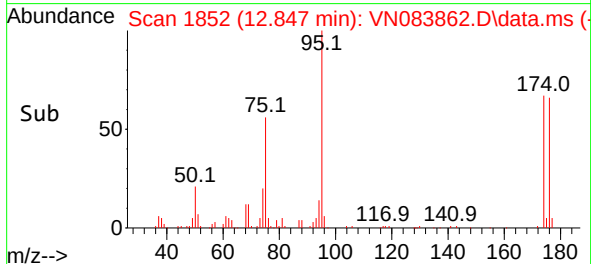
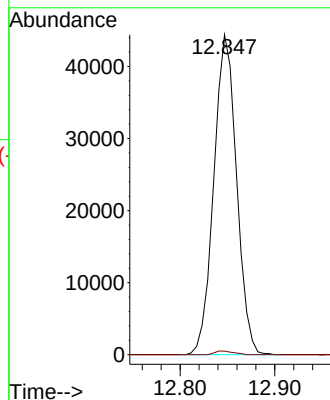
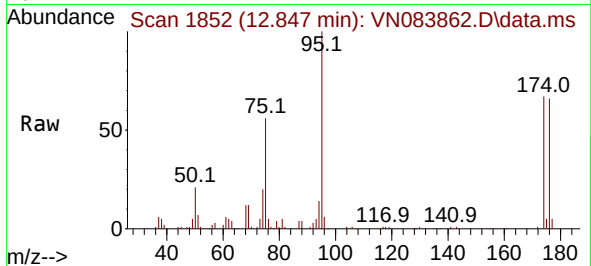




#76
1,2,3-Trichloropropane
Concen: 28.291 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083862.D
Acq: 13 Sep 2024 08:36

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 74157
Ion Ratio Lower Upper
75 100
77 0.9 95.2 285.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.095 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083862.D
Acq: 13 Sep 2024 08:36

Tgt Ion: 75 Resp: 74157
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#

