

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092524\
 Data File : VN084162.D
 Acq On : 25 Sep 2024 16:11
 Operator : JC\MD
 Sample : P4116-17DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D2-20240917DL

Quant Time: Sep 26 01:35:23 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)

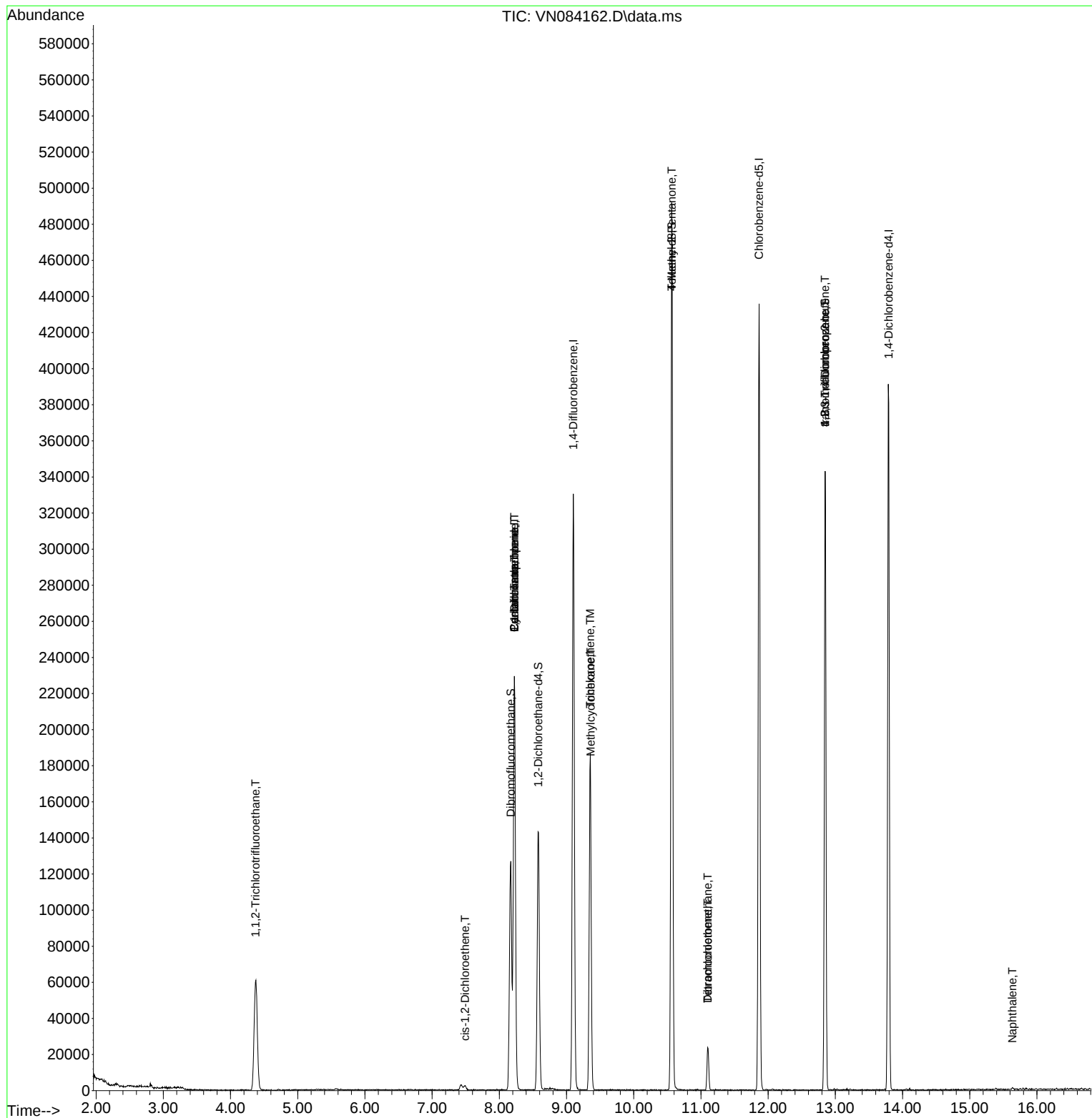
Internal Standards						
1) Pentafluorobenzene	8.224	168	157853	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	275919	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	240259	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	101440	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	120113	50.463	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.920%	
35) Dibromofluoromethane	8.171	113	90656	51.323	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.640%	
50) Toluene-d8	10.565	98	335869	55.002	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 110.000%	
62) 4-Bromofluorobenzene	12.847	95	116776	46.351	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 92.700%	
Target Compounds						Qvalue
3) Chloromethane	2.359	50	234	Below Cal	#	41
9) 1,1,2-Trichlorotrifluo...	4.371	101	43661	24.151	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	1637	0.754	ug/l	79
31) Cyclohexane	8.224	56	3945	1.147	ug/l #	26
36) 1,1-Dichloropropene	8.224	75	14650	5.510	ug/l #	51
38) Carbon Tetrachloride	8.224	117	17282	5.730	ug/l #	18
39) Methylcyclohexane	9.359	83	746	0.247	ug/l #	17
44) Trichloroethene	9.353	130	62947	33.968	ug/l	91
51) 4-Methyl-2-Pentanone	10.565	43	1596	0.670	ug/l #	1
60) Dibromochloromethane	11.100	129	5550	2.714	ug/l #	10
64) Tetrachloroethene	11.100	164	6028	3.773	ug/l	84
76) 1,2,3-Trichloropropane	12.847	75	65214	31.861	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	65214	83.445	ug/l #	9
95) Naphthalene	15.635	128	1133	0.202	ug/l #	83

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

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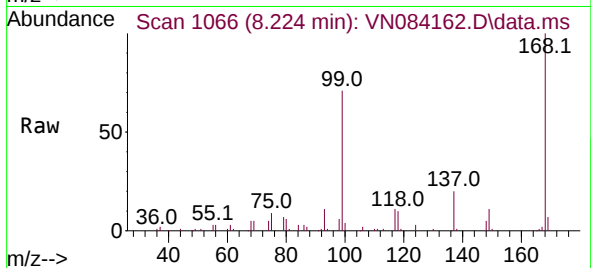
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



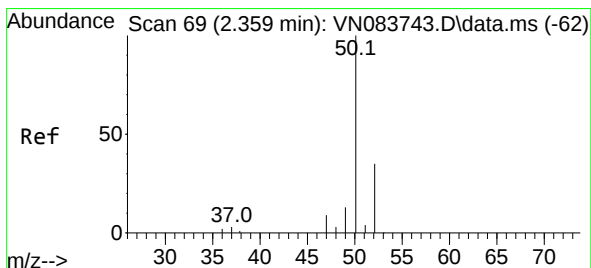
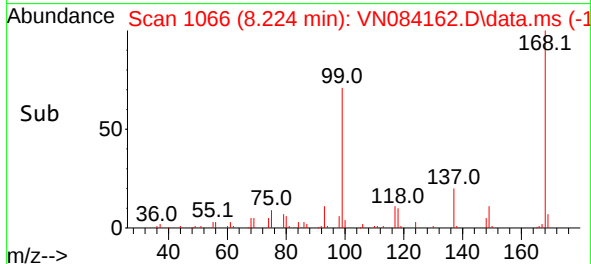
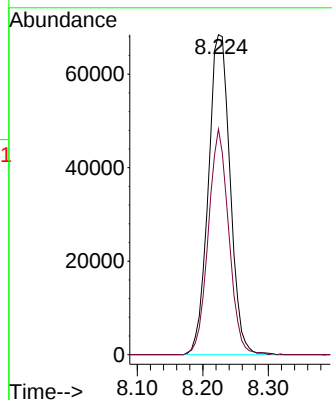


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084162.D
Acq: 25 Sep 2024 16:11

Instrument :
MSVOA_N
ClientSampleId :
RE131D2-20240917DL

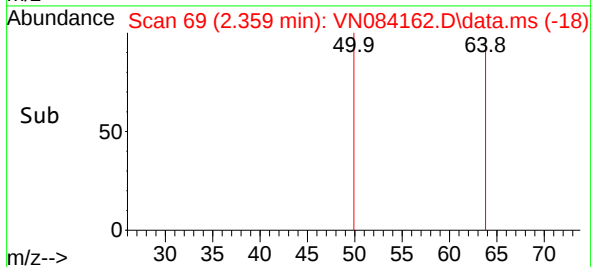
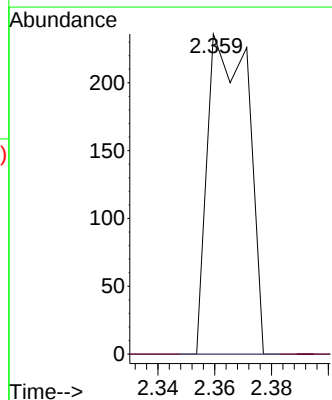
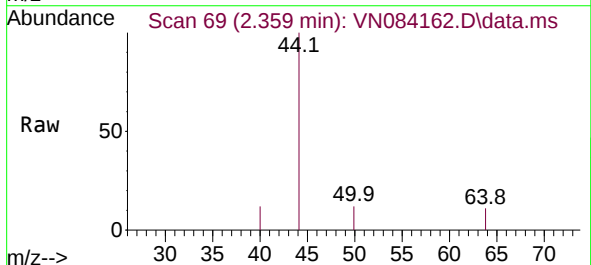


Tgt Ion:168 Resp: 157853
Ion Ratio Lower Upper
168 100
99 70.5 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084162.D
Acq: 25 Sep 2024 16:11

Tgt Ion: 50 Resp: 234
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#

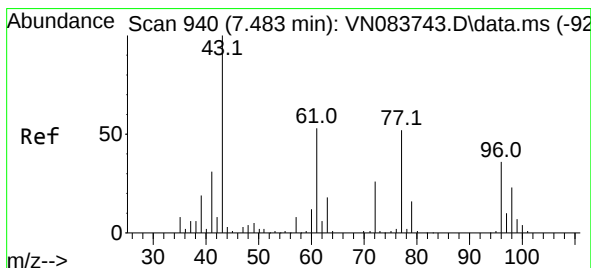
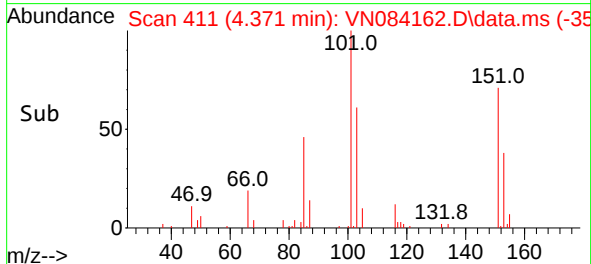
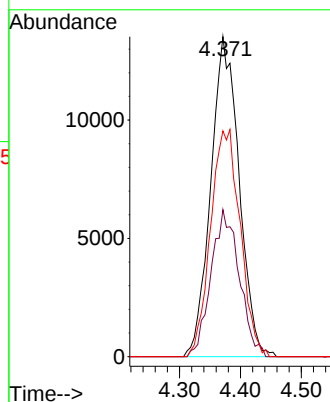
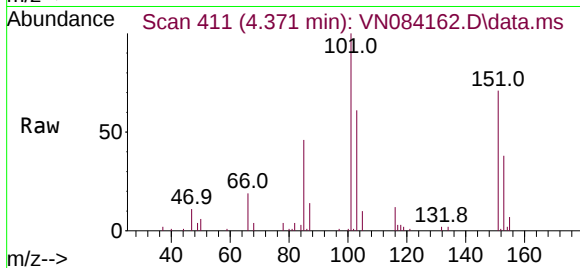




#9
1,1,2-Trichlorotrifluoroethane
Concen: 24.151 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.018 min
Lab File: VN084162.D
Acq: 25 Sep 2024 16:11

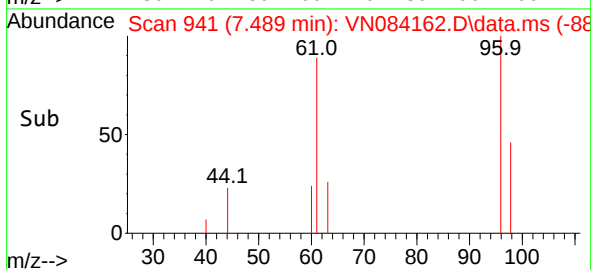
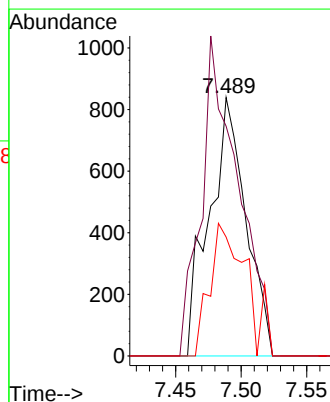
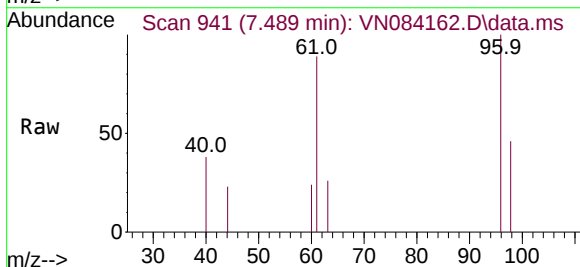
Instrument :
MSVOA_N
ClientSampleId :
RE131D2-20240917DL

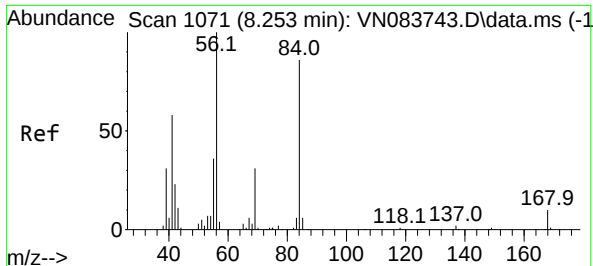
Tgt Ion:101 Resp: 43661
Ion Ratio Lower Upper
101 100
85 45.8 36.2 54.4
151 74.3 57.7 86.5



#27
cis-1,2-Dichloroethene
Concen: 0.754 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN084162.D
Acq: 25 Sep 2024 16:11

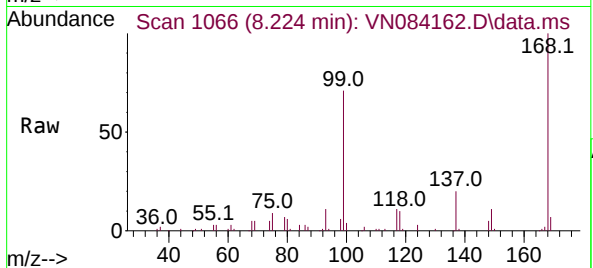
Tgt Ion: 96 Resp: 1637
Ion Ratio Lower Upper
96 100
61 123.9 0.0 306.2
98 51.4 0.0 128.6



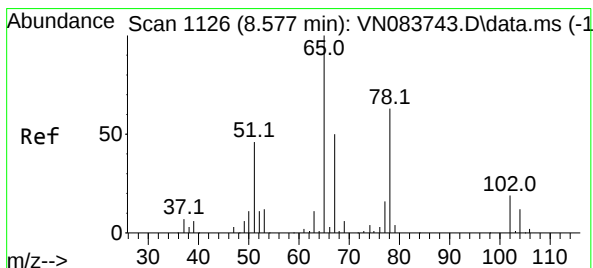
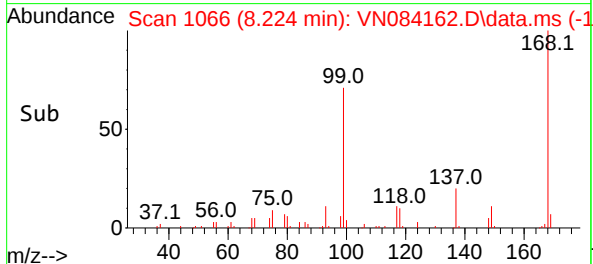
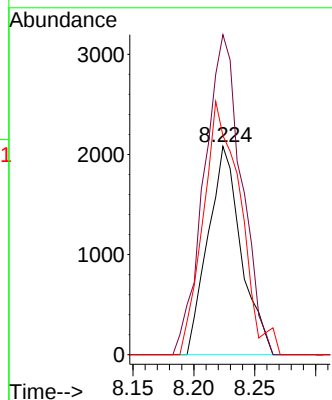


#31
Cyclohexane
Concen: 1.147 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084162.D
Acq: 25 Sep 2024 16:11

Instrument :
MSVOA_N
ClientSampleId :
RE131D2-20240917DL

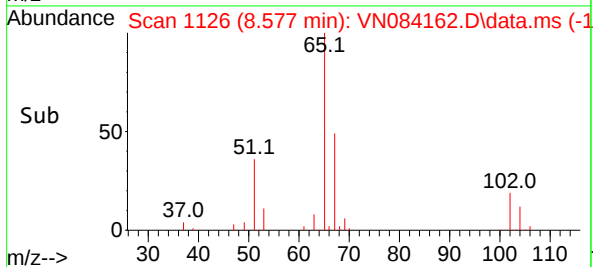
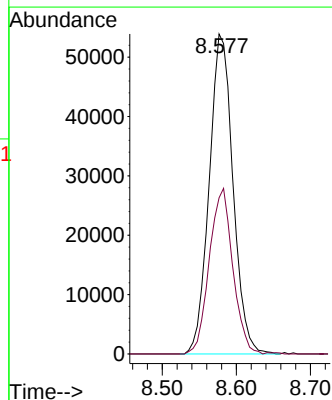
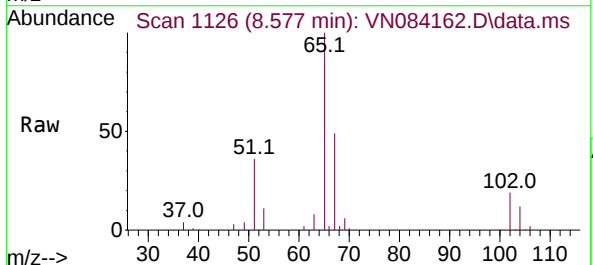


Tgt Ion: 56 Resp: 3945
Ion Ratio Lower Upper
56 100
69 153.6 26.9 40.3#
84 105.2 69.2 103.8#



#33
1,2-Dichloroethane-d4
Concen: 50.463 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN084162.D
Acq: 25 Sep 2024 16:11

Tgt Ion: 65 Resp: 120113
Ion Ratio Lower Upper
65 100
67 51.0 0.0 100.8

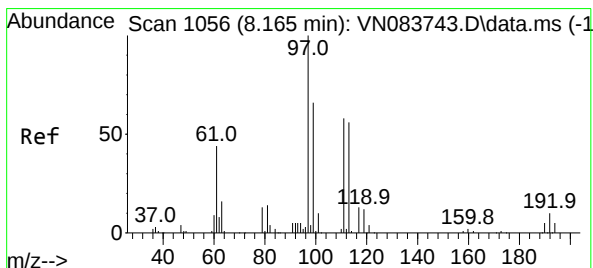
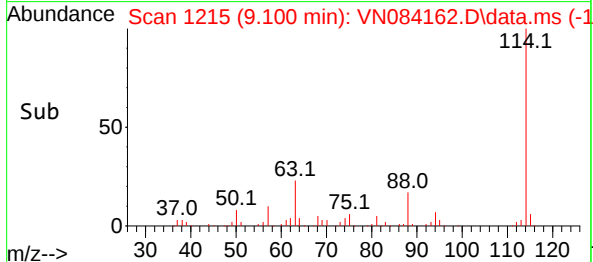
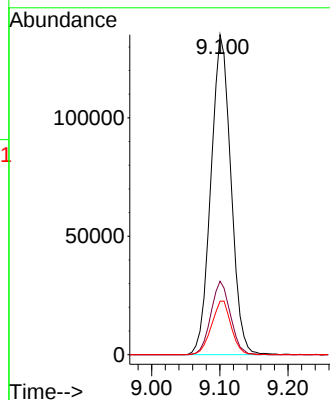
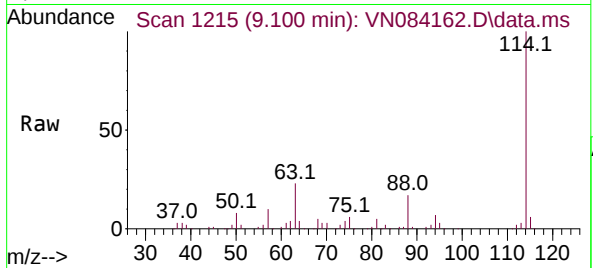




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084162.D
Acq: 25 Sep 2024 16:11

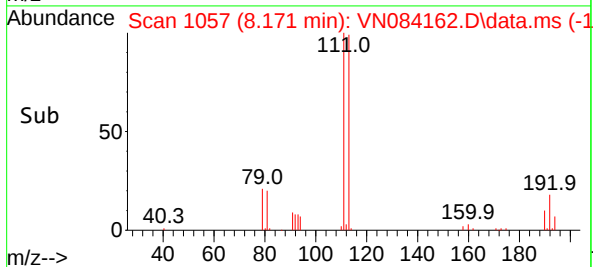
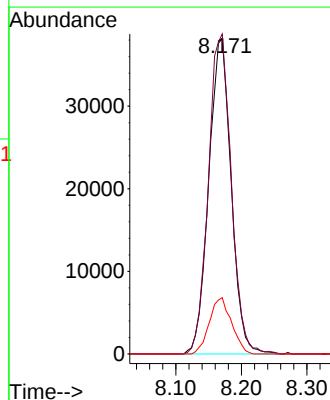
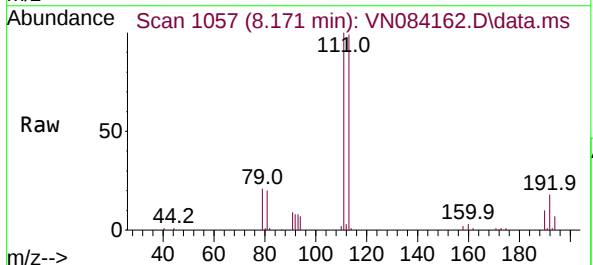
Instrument :
MSVOA_N
ClientSampleId :
RE131D2-20240917DL

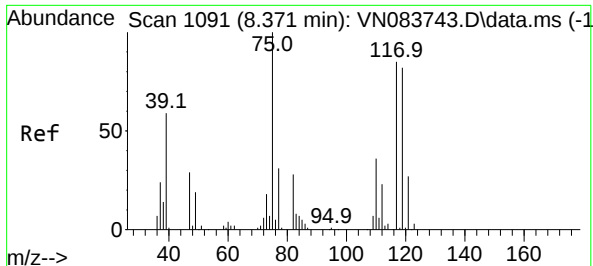
Tgt Ion:114 Resp: 275919
Ion Ratio Lower Upper
114 100
63 23.0 0.0 43.4
88 16.7 0.0 32.6



#35
Dibromofluoromethane
Concen: 51.323 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN084162.D
Acq: 25 Sep 2024 16:11

Tgt Ion:113 Resp: 90656
Ion Ratio Lower Upper
113 100
111 103.6 82.6 124.0
192 17.7 14.3 21.5





#36

1,1-Dichloropropene

Concen: 5.510 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN084162.D

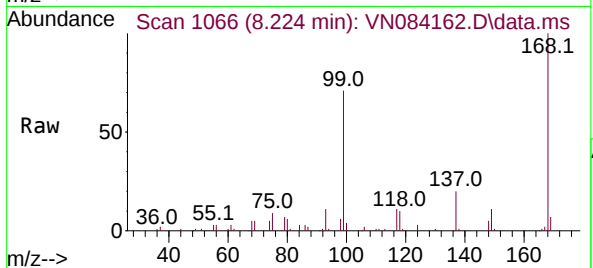
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Instrument :

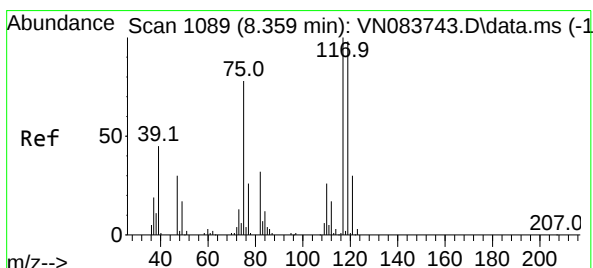
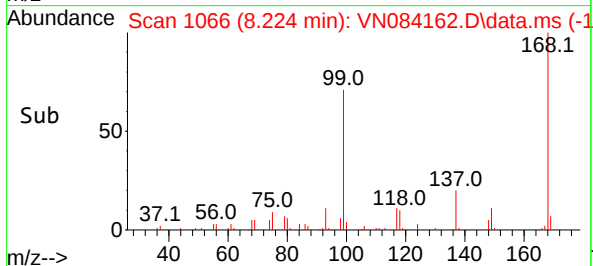
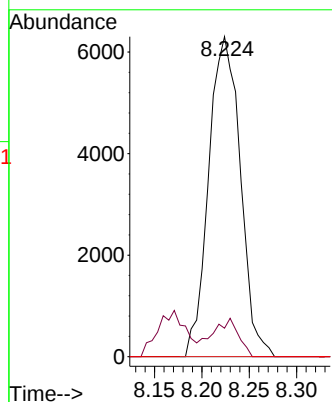
MSVOA_N

ClientSampleId :

RE131D2-20240917DL



Tgt Ion:	75	Resp:	14650
Ion Ratio	Lower	Upper	
75	100		
110	10.0	16.7	50.1#
77	0.0	25.2	37.8#



#38

Carbon Tetrachloride

Concen: 5.730 ug/l

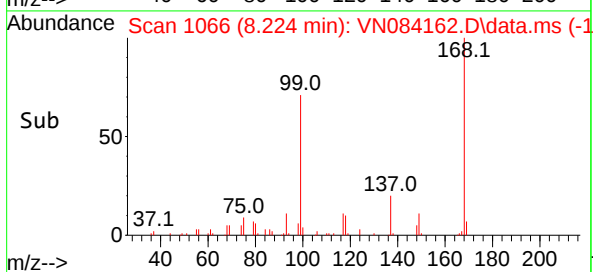
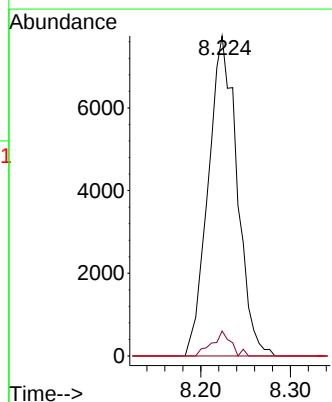
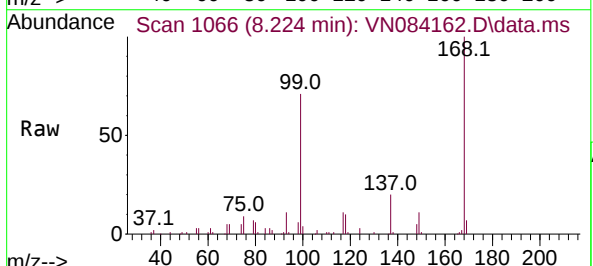
RT: 8.224 min Scan# 1066

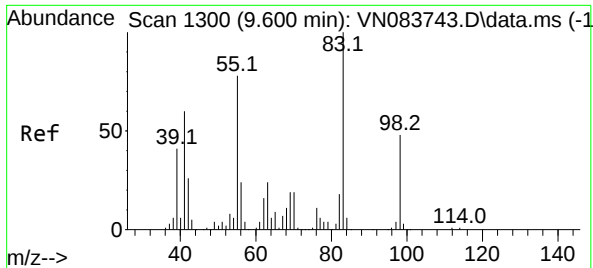
Delta R.T. -0.135 min

Lab File: VN084162.D

Acq: 25 Sep 2024 16:11

Tgt Ion:	117	Resp:	17282
Ion Ratio	Lower	Upper	
117	100		
119	7.8	76.1	114.1#
121	0.0	24.1	36.1#





#39

Methylcyclohexane

Concen: 0.247 ug/l

RT: 9.359 min Scan# 11

Delta R.T. -0.241 min

Lab File: VN084162.D

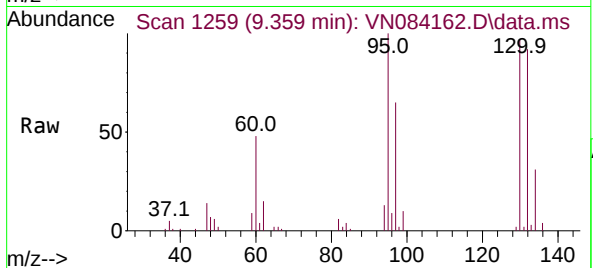
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Instrument :

MSVOA_N

ClientSampleId :

RE131D2-20240917DL



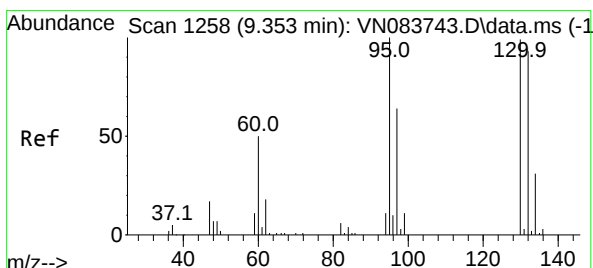
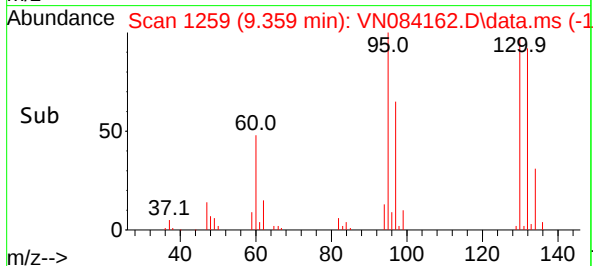
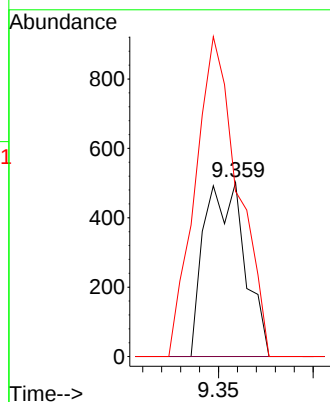
Tgt Ion: 83 Resp: 746

Ion Ratio Lower Upper

83 100

55 0.0 62.2 93.4#

98 94.8 37.6 56.4#



#44

Trichloroethene

Concen: 33.968 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VN084162.D

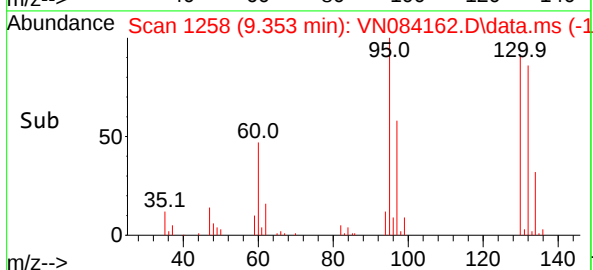
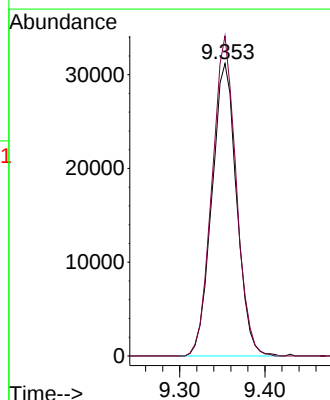
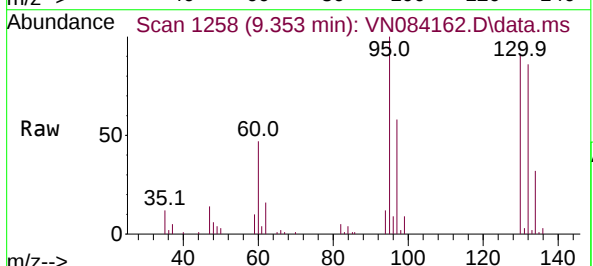
Acq: 25 Sep 2024 16:11

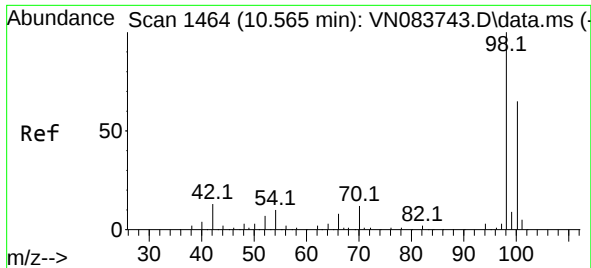
Tgt Ion:130 Resp: 62947

Ion Ratio Lower Upper

130 100

95 109.4 0.0 200.4

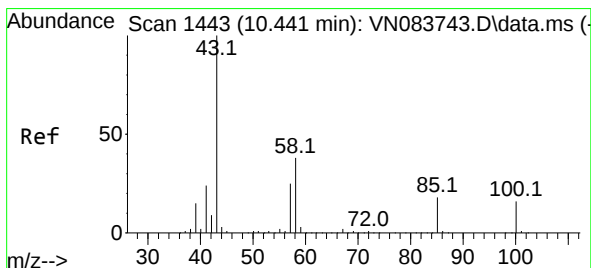
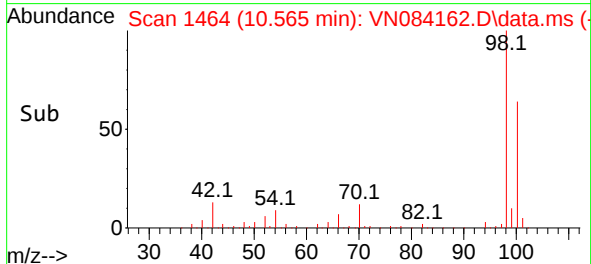
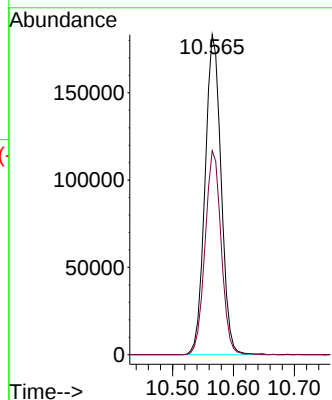
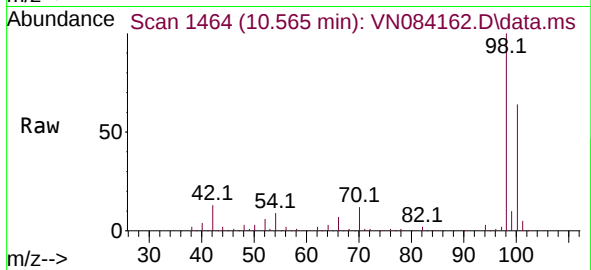




#50
Toluene-d8
Concen: 55.002 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084162.D
Acq: 25 Sep 2024 16:11

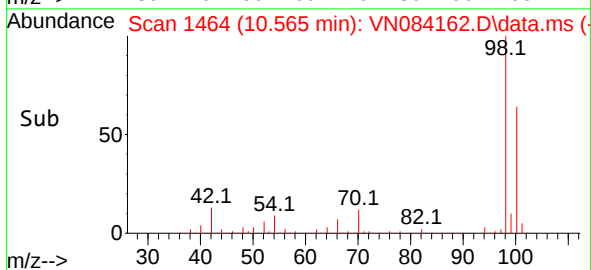
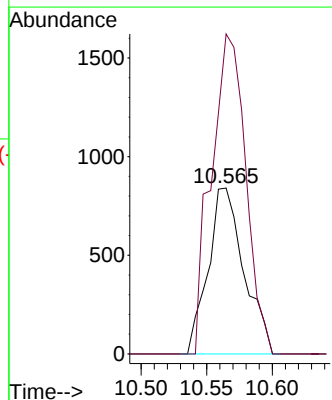
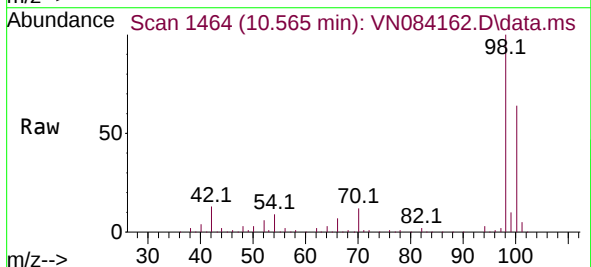
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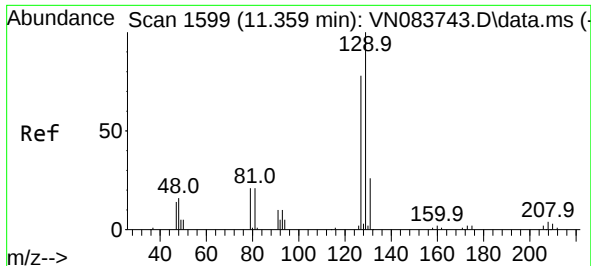
Tgt Ion: 98 Resp: 335869
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.670 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.124 min
Lab File: VN084162.D
Acq: 25 Sep 2024 16:11

Tgt Ion: 43 Resp: 1596
Ion Ratio Lower Upper
43 100
58 186.0 31.6 47.4#

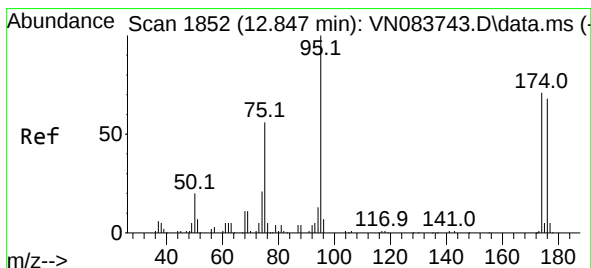
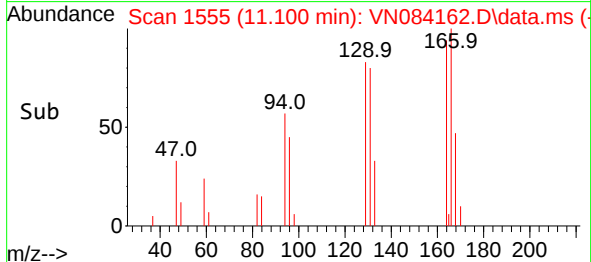
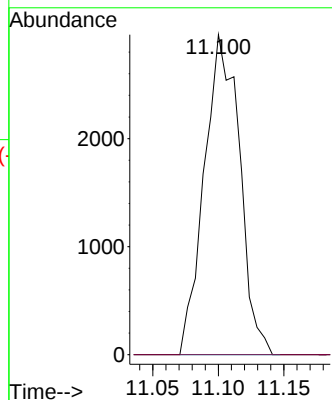
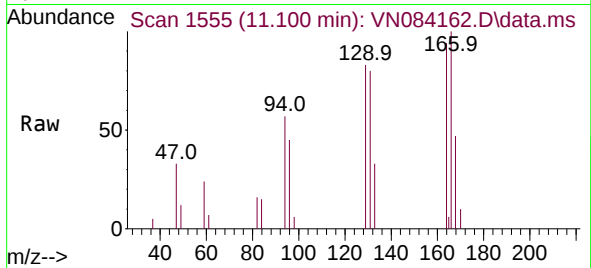




#60
Dibromochloromethane
Concen: 2.714 ug/l
RT: 11.100 min Scan# 11
Delta R.T. -0.259 min
Lab File: VN084162.D
Acq: 25 Sep 2024 16:11

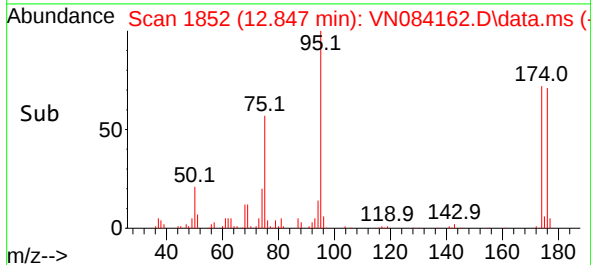
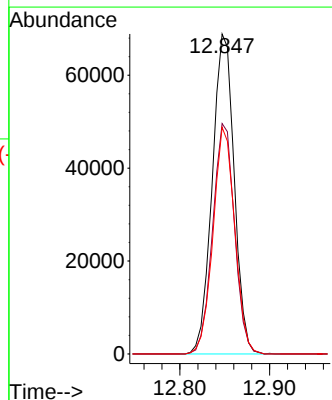
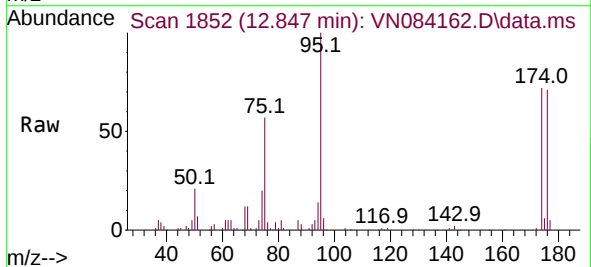
Instrument :
MSVOA_N
ClientSampleId :
RE131D2-20240917DL

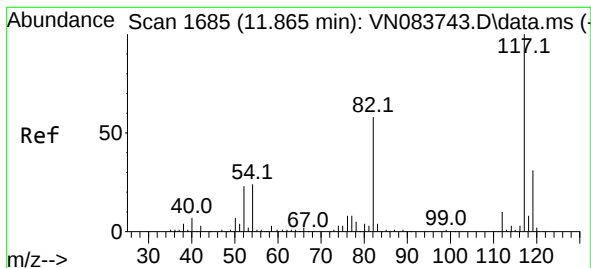
Tgt Ion:129 Resp: 5550
Ion Ratio Lower Upper
129 100
127 0.0 39.0 116.9#



#62
4-Bromofluorobenzene
Concen: 46.351 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084162.D
Acq: 25 Sep 2024 16:11

Tgt Ion: 95 Resp: 116776
Ion Ratio Lower Upper
95 100
174 71.8 0.0 139.8
176 70.2 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN084162.D

Acq: 25 Sep 2024 16:11

Instrument :

MSVOA_N

ClientSampleId :

RE131D2-20240917DL

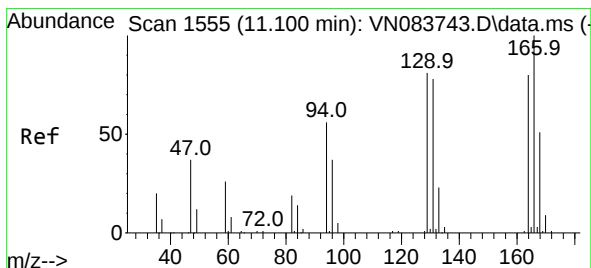
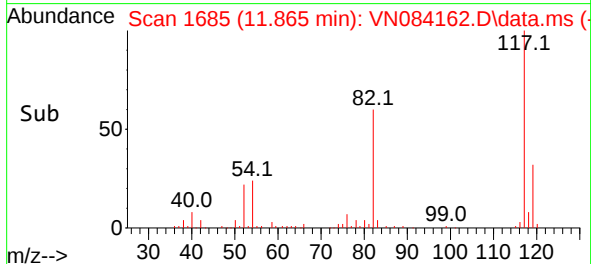
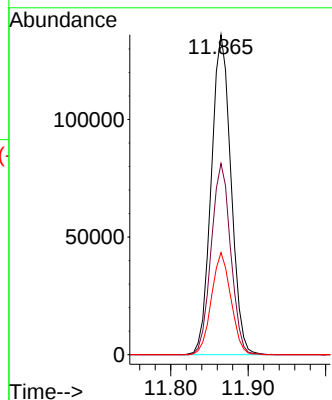
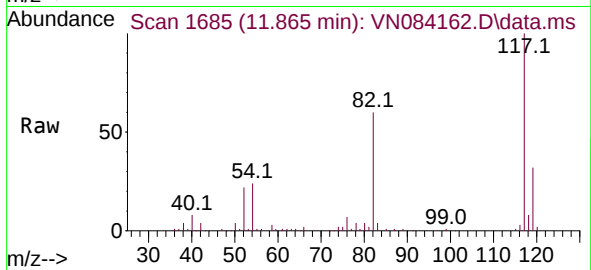
Tgt Ion:117 Resp: 240259

Ion Ratio Lower Upper

117 100

82 59.8 47.4 71.0

119 31.9 26.3 39.5



#64

Tetrachloroethene

Concen: 3.773 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VN084162.D

Acq: 25 Sep 2024 16:11

Tgt Ion:164 Resp: 6028

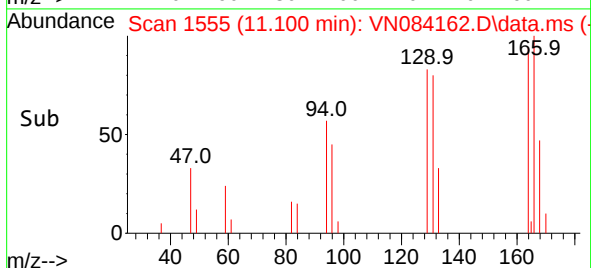
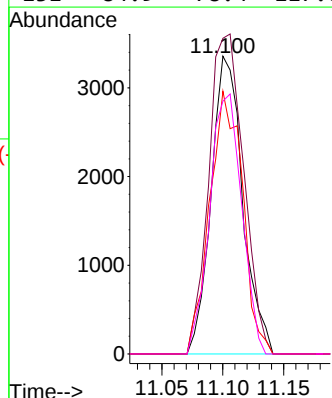
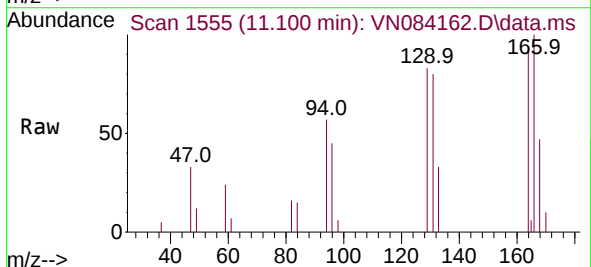
Ion Ratio Lower Upper

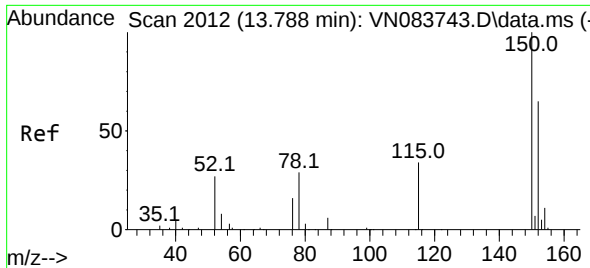
164 100

166 106.0 103.7 155.5

129 88.2 79.9 119.9

131 84.9 78.4 117.6

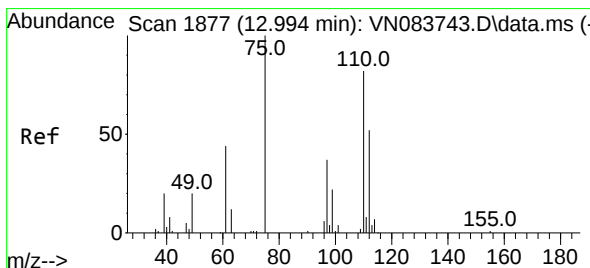
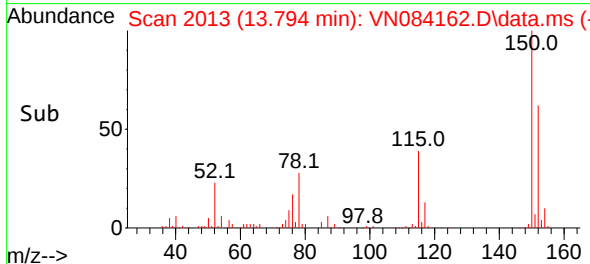
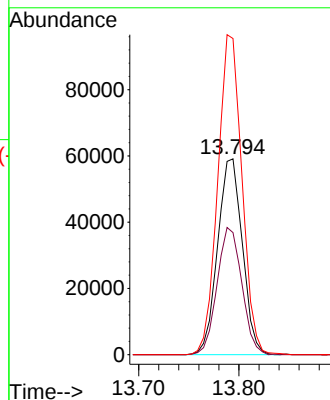
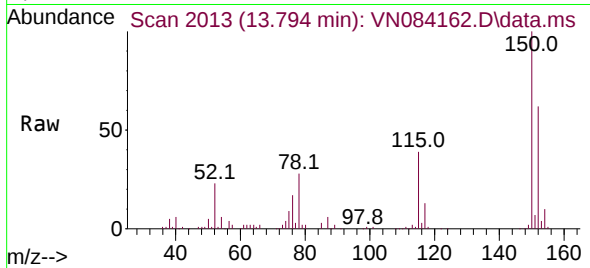




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2012
 Delta R.T. 0.006 min
 Lab File: VN084162.D
 Acq: 25 Sep 2024 16:11

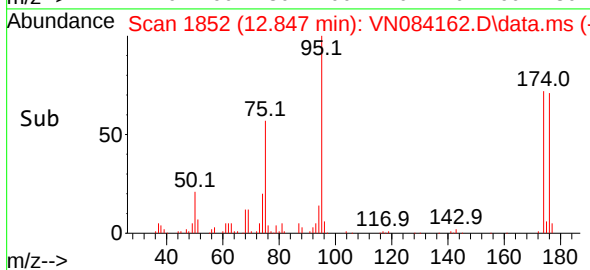
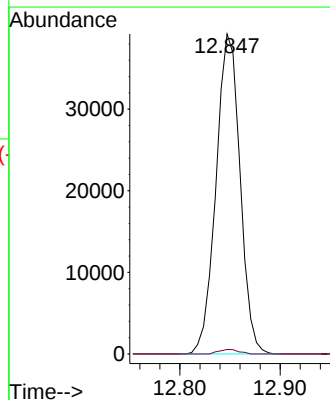
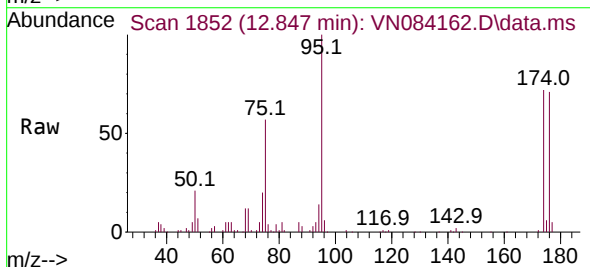
Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D2-20240917DL

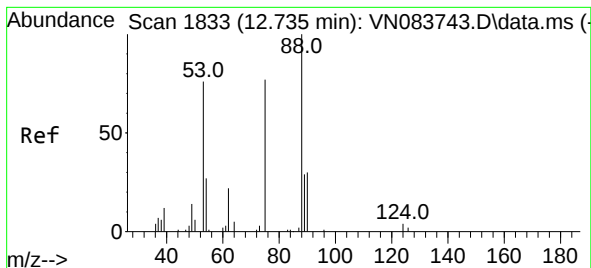
Tgt Ion:152 Resp: 101440
 Ion Ratio Lower Upper
 152 100
 115 64.7 32.2 96.6
 150 159.6 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 31.861 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN084162.D
 Acq: 25 Sep 2024 16:11

Tgt Ion: 75 Resp: 65214
 Ion Ratio Lower Upper
 75 100
 77 1.2 95.2 285.6#

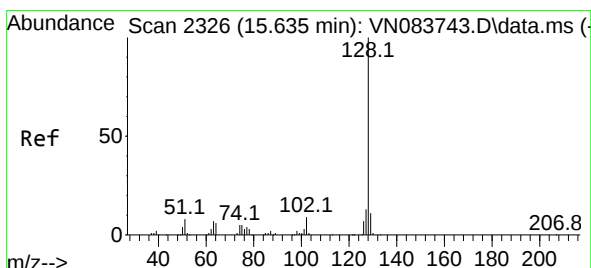
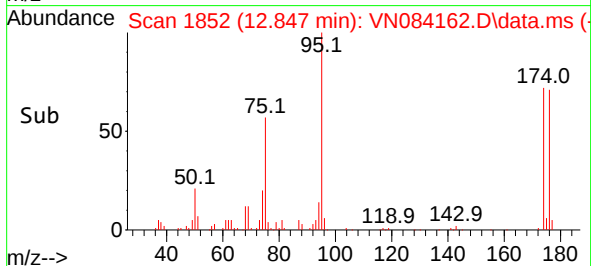
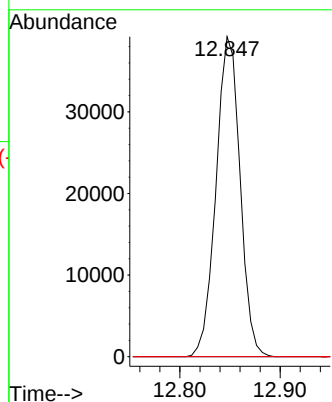
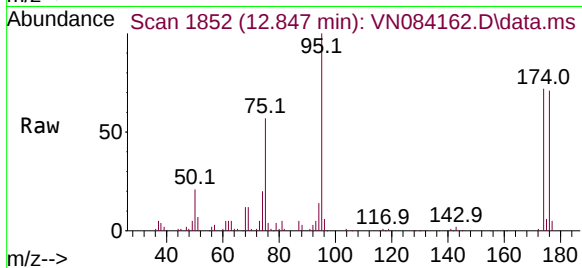




#81
trans-1,4-Dichloro-2-butene
Concen: 83.445 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084162.D
Acq: 25 Sep 2024 16:11

Instrument :
MSVOA_N
ClientSampleId :
RE131D2-20240917DL

Tgt Ion: 75 Resp: 65214
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#



#95
Naphthalene
Concen: 0.202 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN084162.D
Acq: 25 Sep 2024 16:11

Tgt Ion: 128 Resp: 1133
Ion Ratio Lower Upper
128 100
127 9.9 10.2 15.2#
129 0.0 8.7 13.1#

