

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092324\
 Data File : VN084106.D
 Acq On : 23 Sep 2024 13:29
 Operator : JC\MD
 Sample : P4003-18RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE126D3-20240913

Quant Time: Sep 24 01:31:49 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)

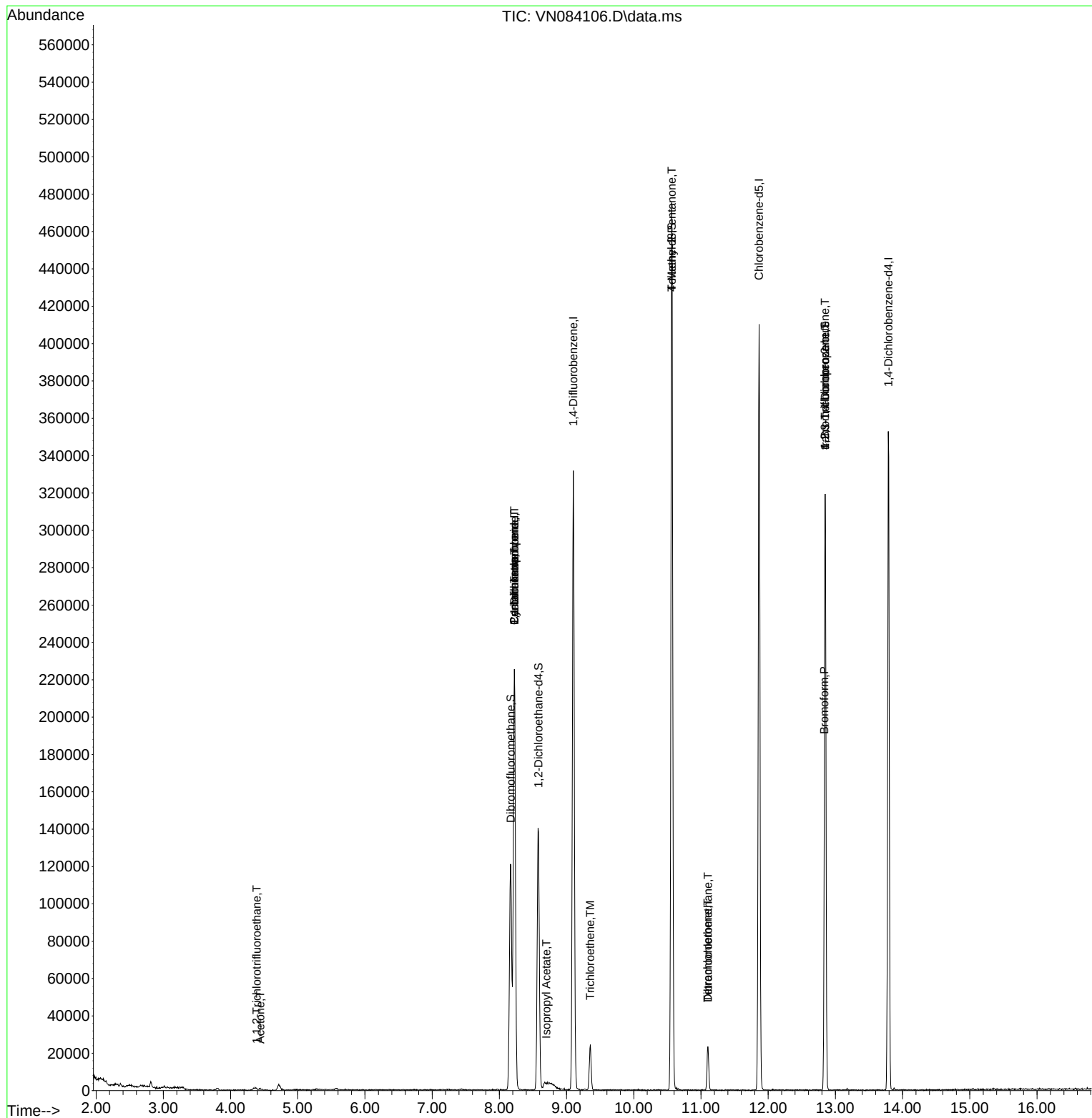
Internal Standards						
1) Pentafluorobenzene	8.224	168	153787	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	269150	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	222977	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	88328	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	118215	50.979	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.960%	
35) Dibromofluoromethane	8.171	113	86491	50.196	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.400%	
50) Toluene-d8	10.565	98	317392	53.283	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.560%	
62) 4-Bromofluorobenzene	12.847	95	111235	45.262	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 90.520%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	1439	Below Cal		92
9) 1,1,2-Trichlorotrifluo...	4.389	101	810	0.460 ug/l	#	38
16) Acetone	4.442	43	1446	1.556 ug/l	#	61
18) Methyl Acetate	5.047	43	130	Below Cal	#	52
31) Cyclohexane	8.224	56	4044	1.207 ug/l	#	25
36) 1,1-Dichloropropene	8.224	75	14304	5.515 ug/l	#	50
38) Carbon Tetrachloride	8.224	117	17728	6.025 ug/l	#	17
43) Isopropyl Acetate	8.700	43	1041	0.244 ug/l	#	57
44) Trichloroethene	9.353	130	7515	4.157 ug/l		99
51) 4-Methyl-2-Pentanone	10.565	43	1587	0.683 ug/l	#	1
60) Dibromochloromethane	11.106	129	5230	2.622 ug/l	#	10
64) Tetrachloroethene	11.100	164	5309	3.580 ug/l		95
71) Bromoform	12.835	173	456	0.394 ug/l	#	29
76) 1,2,3-Trichloropropane	12.847	75	63001	35.349 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.847	75	63001	92.580 ug/l	#	9

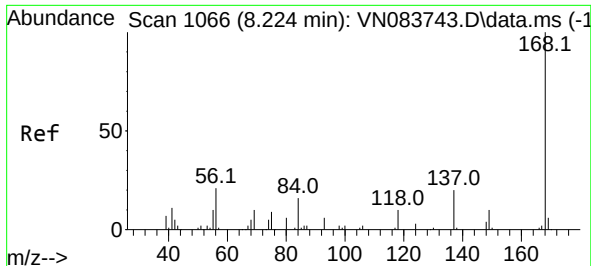
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RE126D3-20240913

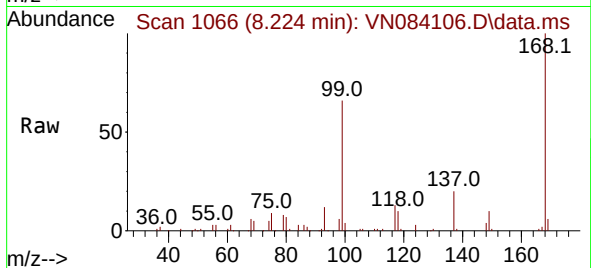
Quant Time: Sep 24 01:31:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



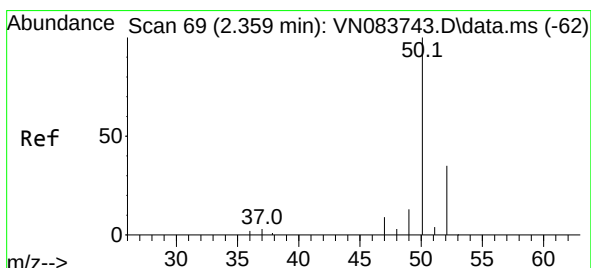
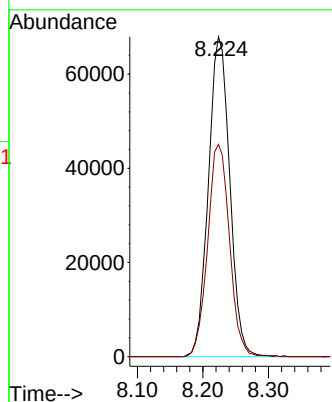
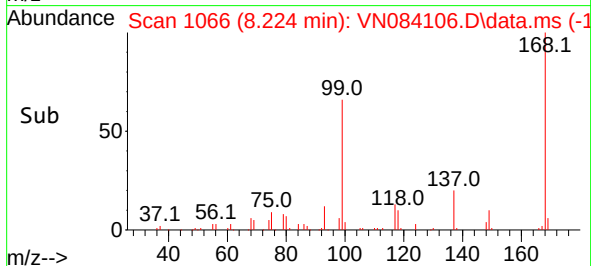


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084106.D
Acq: 23 Sep 2024 13:29

Instrument :
MSVOA_N
ClientSampleId :
RE126D3-20240913

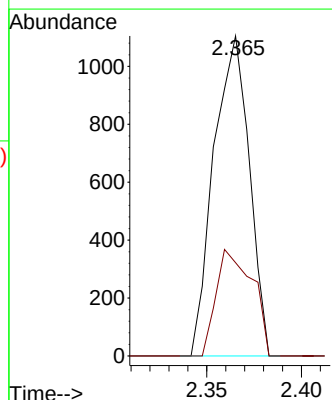
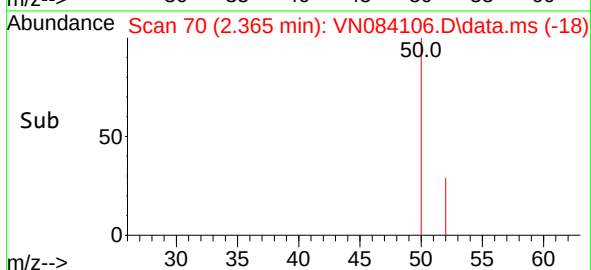
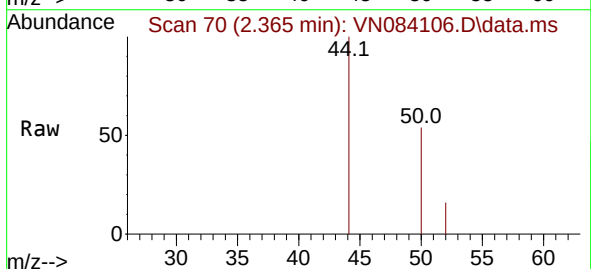


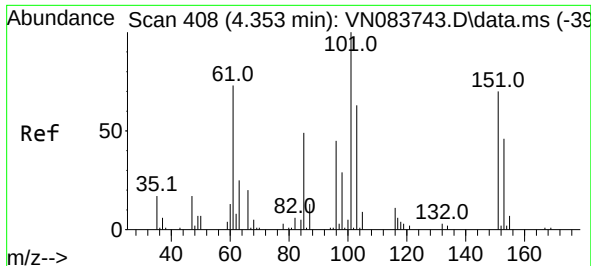
Tgt Ion:168 Resp: 153787
Ion Ratio Lower Upper
168 100
99 66.4 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084106.D
Acq: 23 Sep 2024 13:29

Tgt Ion: 50 Resp: 1439
Ion Ratio Lower Upper
50 100
52 29.1 27.2 40.8

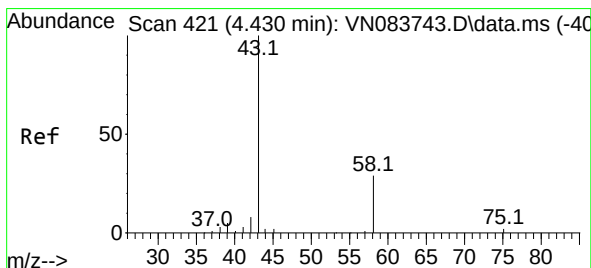
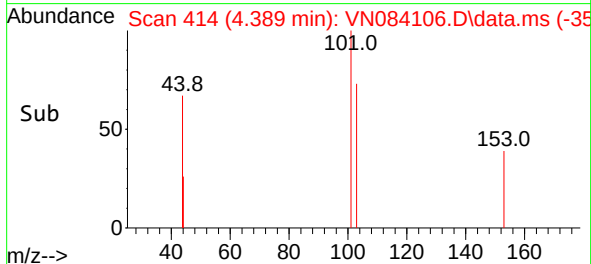
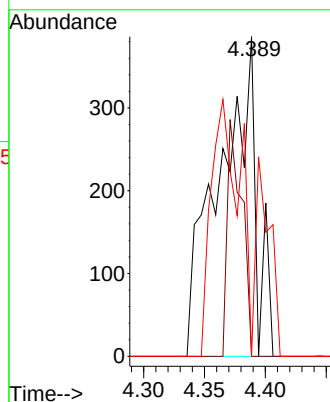
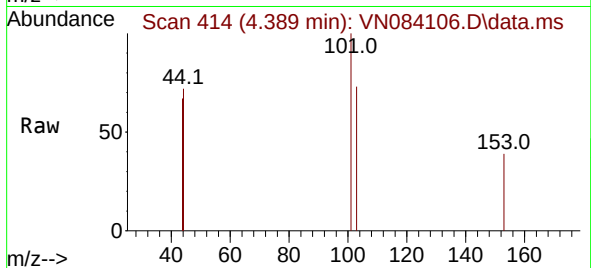




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.460 ug/l
RT: 4.389 min Scan# 414
Delta R.T. 0.035 min
Lab File: VN084106.D
Acq: 23 Sep 2024 13:29

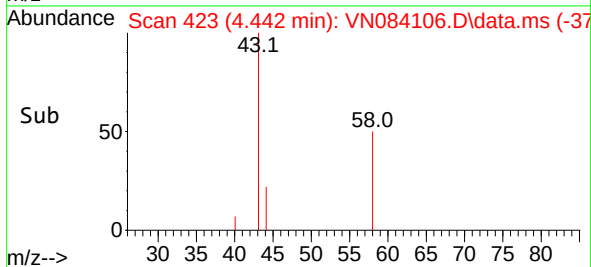
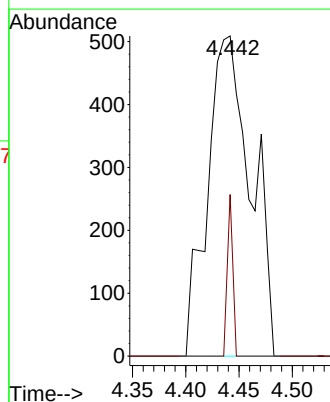
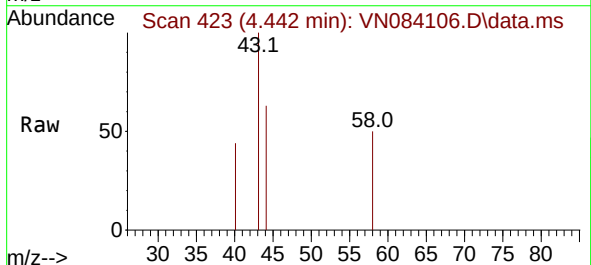
Instrument :
MSVOA_N
ClientSampleId :
RE126D3-20240913

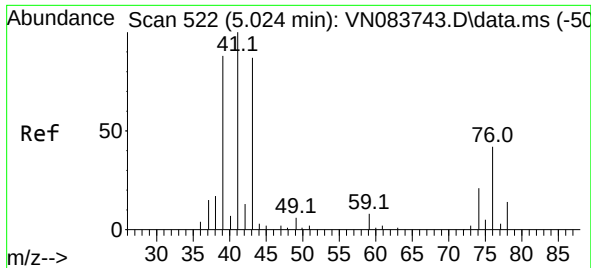
Tgt Ion:101 Resp: 810
Ion Ratio Lower Upper
101 100
85 0.0 36.2 54.4#
151 24.0 57.7 86.5#



#16
Acetone
Concen: 1.556 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN084106.D
Acq: 23 Sep 2024 13:29

Tgt Ion: 43 Resp: 1446
Ion Ratio Lower Upper
43 100
58 50.5 23.7 35.5#

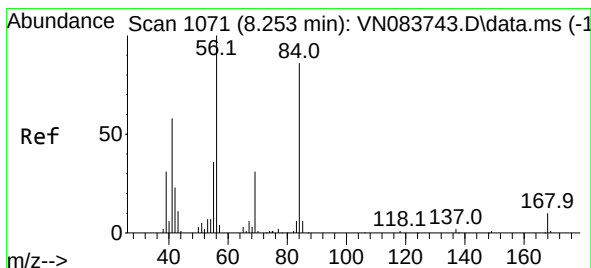
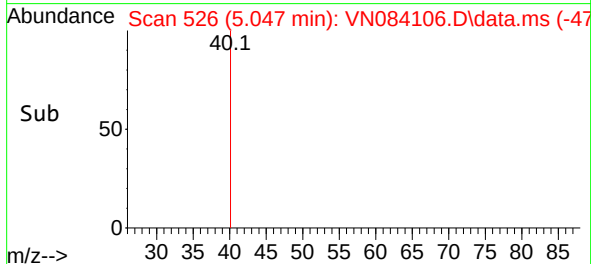
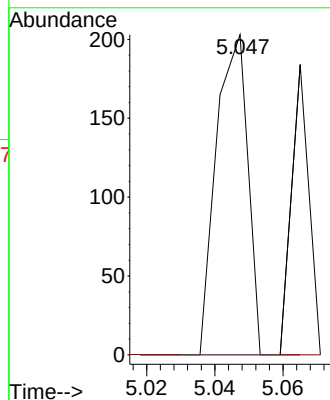
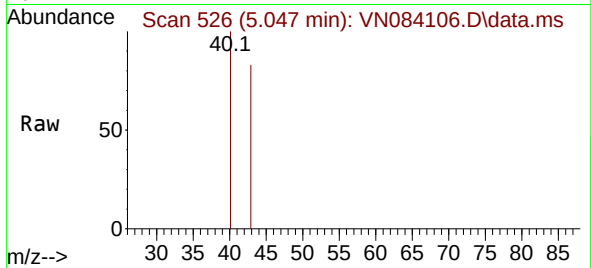




#18
Methyl Acetate
Concen: Below Cal
RT: 5.047 min Scan# 51
Delta R.T. 0.023 min
Lab File: VN084106.D
Acq: 23 Sep 2024 13:29

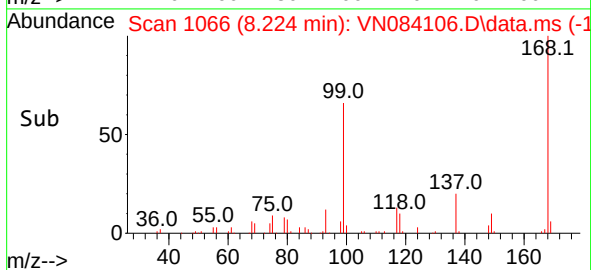
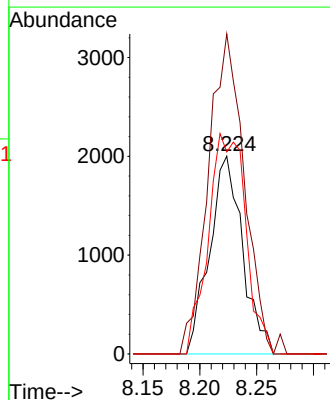
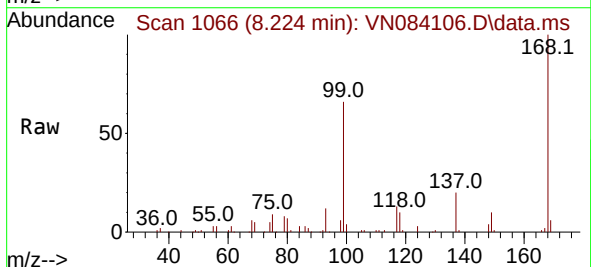
Instrument :
MSVOA_N
ClientSampleId :
RE126D3-20240913

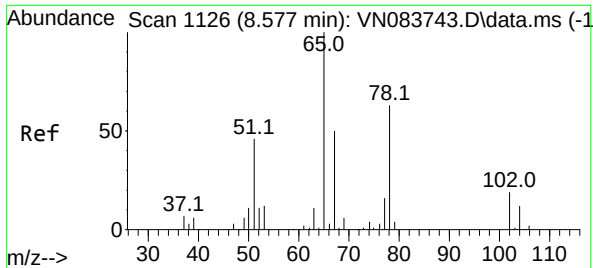
Tgt Ion: 43 Resp: 130
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#



#31
Cyclohexane
Concen: 1.207 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084106.D
Acq: 23 Sep 2024 13:29

Tgt Ion: 56 Resp: 4044
Ion Ratio Lower Upper
56 100
69 161.8 26.9 40.3#
84 102.1 69.2 103.8





#33

1,2-Dichloroethane-d4

Concen: 50.979 ug/l

RT: 8.582 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN084106.D

Acq: 23 Sep 2024 13:29

Instrument :

MSVOA_N

ClientSampleId :

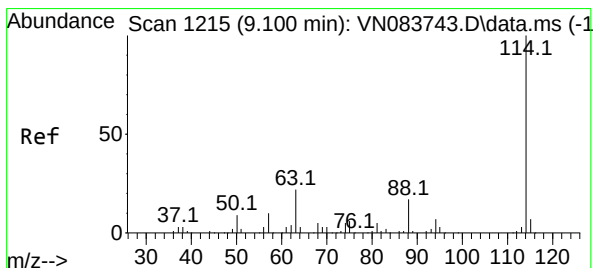
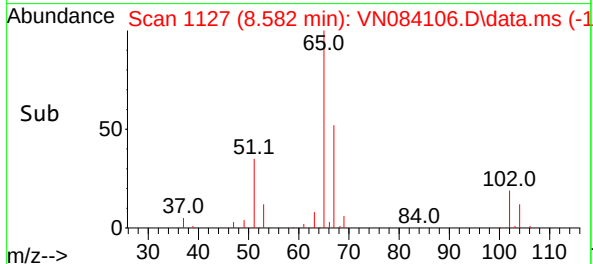
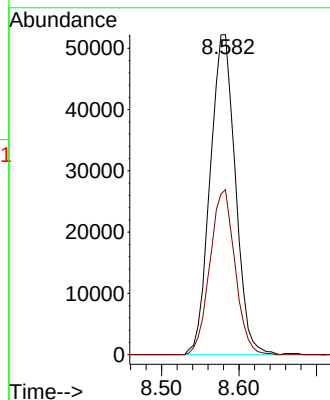
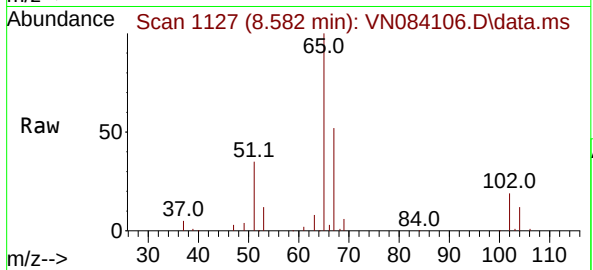
RE126D3-20240913

Tgt Ion: 65 Resp: 118215

Ion Ratio Lower Upper

65 100

67 51.3 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN084106.D

Acq: 23 Sep 2024 13:29

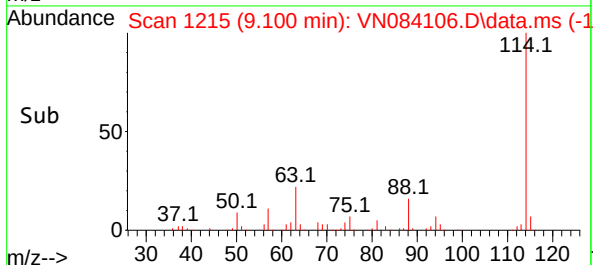
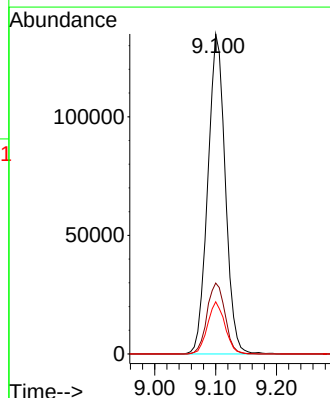
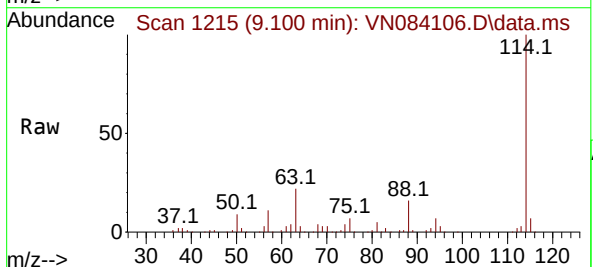
Tgt Ion: 114 Resp: 269150

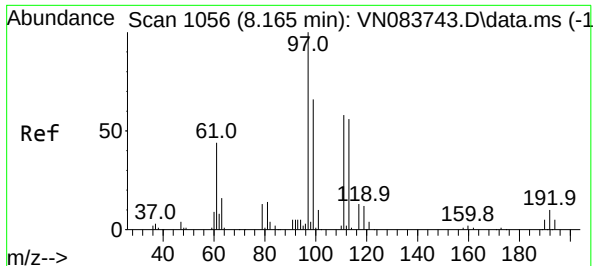
Ion Ratio Lower Upper

114 100

63 22.2 0.0 43.4

88 16.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.196 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN084106.D

Acq: 23 Sep 2024 13:29

Instrument :

MSVOA_N

ClientSampleId :

RE126D3-20240913

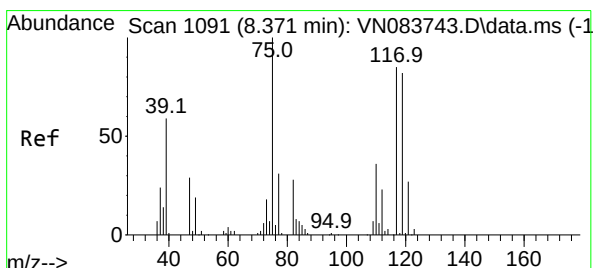
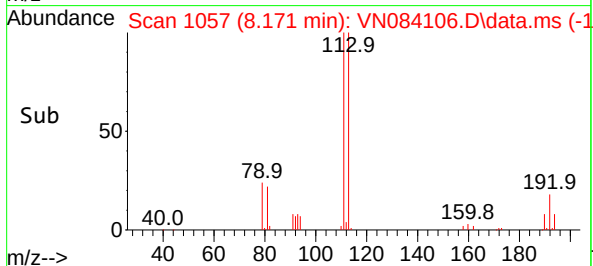
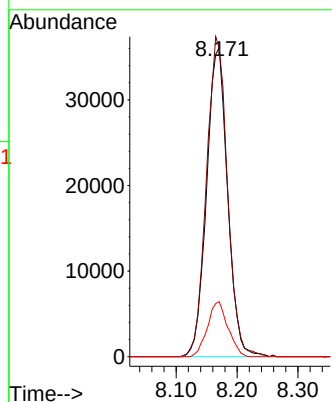
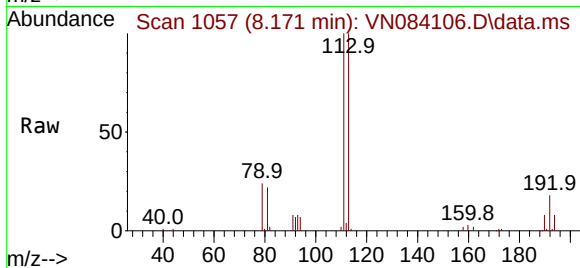
Tgt Ion:113 Resp: 86491

Ion Ratio Lower Upper

113 100

111 103.9 82.6 124.0

192 17.4 14.3 21.5



#36

1,1-Dichloropropene

Concen: 5.515 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN084106.D

Acq: 23 Sep 2024 13:29

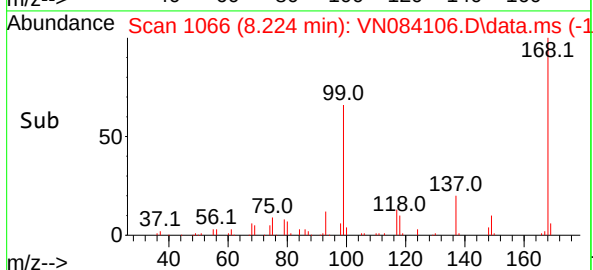
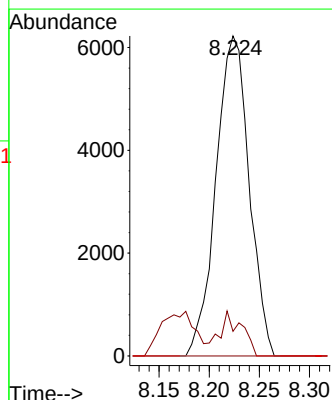
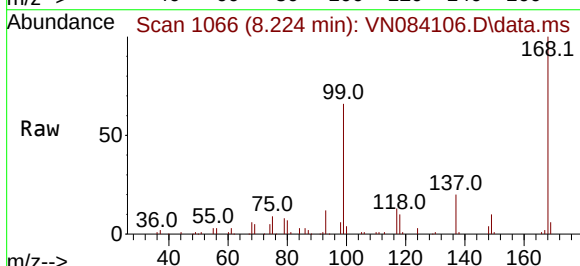
Tgt Ion: 75 Resp: 14304

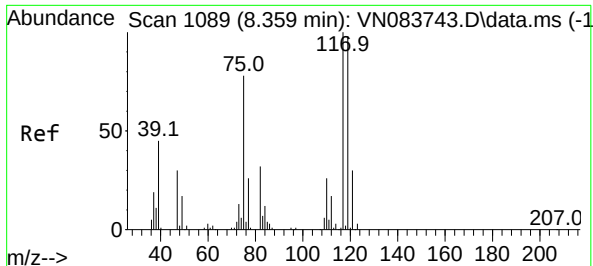
Ion Ratio Lower Upper

75 100

110 8.9 16.7 50.1#

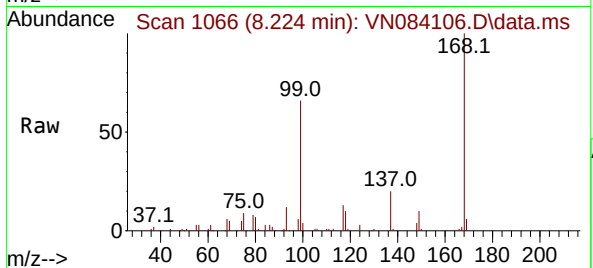
77 0.0 25.2 37.8#



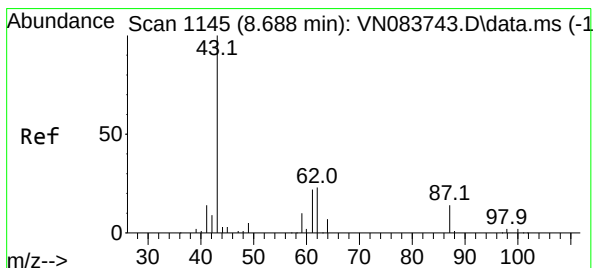
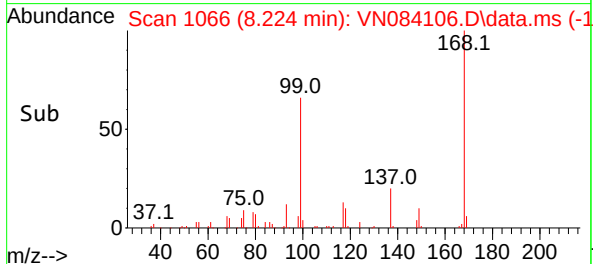
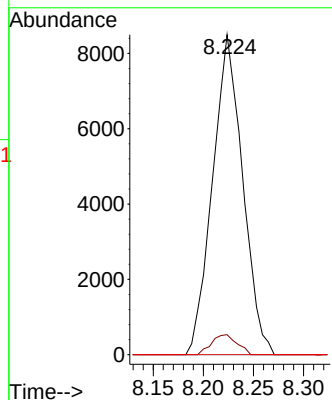


#38
Carbon Tetrachloride
Concen: 6.025 ug/l
RT: 8.224 min Scan# 1106
Delta R.T. -0.135 min
Lab File: VN084106.D
Acq: 23 Sep 2024 13:29

Instrument :
MSVOA_N
ClientSampleId :
RE126D3-20240913

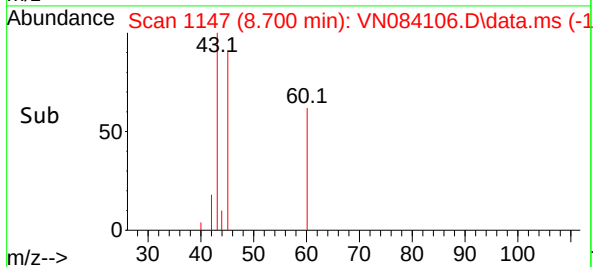
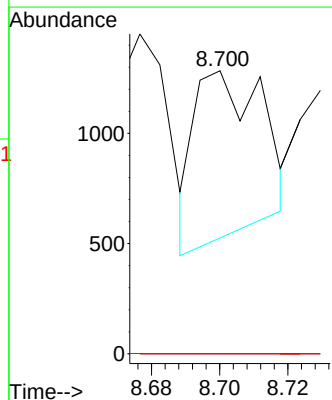
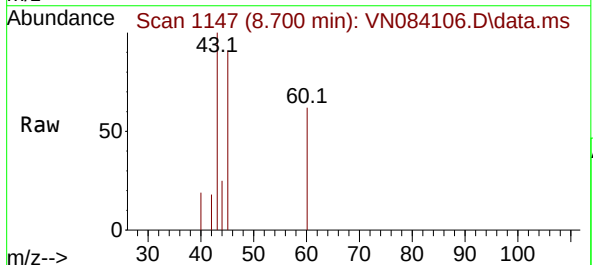


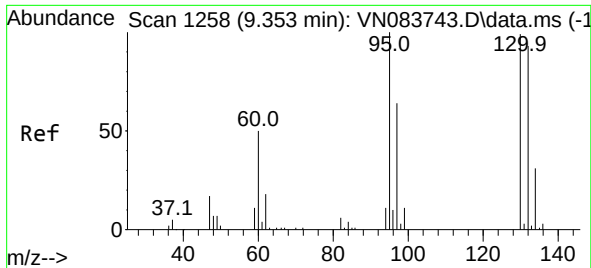
Tgt Ion:117 Resp: 17728
Ion Ratio Lower Upper
117 100
119 6.2 76.1 114.1#
121 0.0 24.1 36.1#



#43
Isopropyl Acetate
Concen: 0.244 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.012 min
Lab File: VN084106.D
Acq: 23 Sep 2024 13:29

Tgt Ion: 43 Resp: 1041
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#

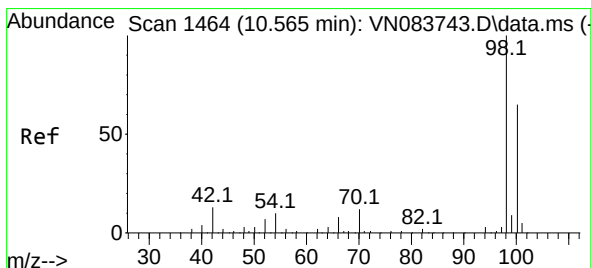
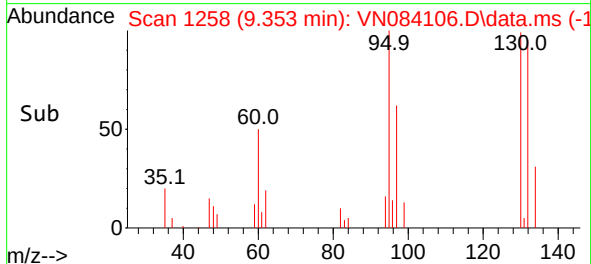
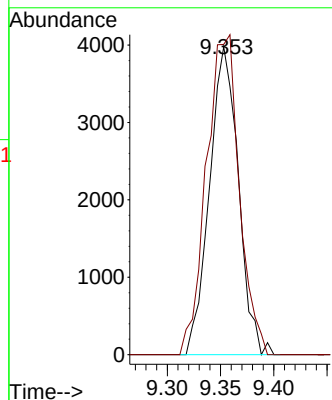
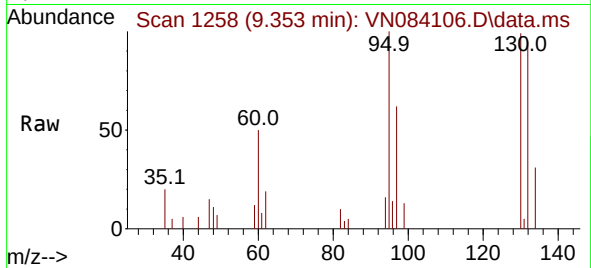




#44
Trichloroethene
Concen: 4.157 ug/l
RT: 9.353 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084106.D
Acq: 23 Sep 2024 13:29

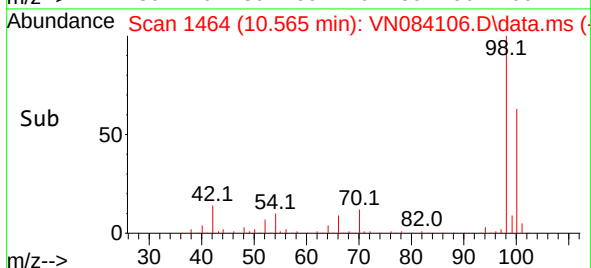
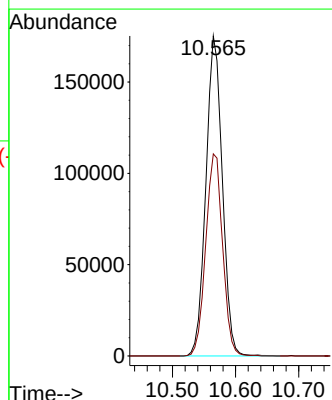
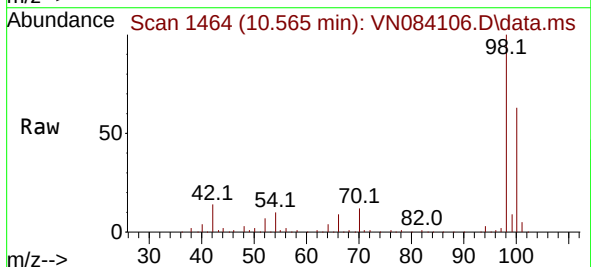
Instrument :
MSVOA_N
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RE126D3-20240913

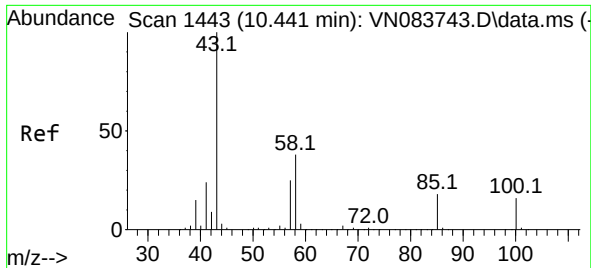
Tgt Ion:130 Resp: 7515
Ion Ratio Lower Upper
130 100
95 100.7 0.0 200.4



#50
Toluene-d8
Concen: 53.283 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084106.D
Acq: 23 Sep 2024 13:29

Tgt Ion: 98 Resp: 317392
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0

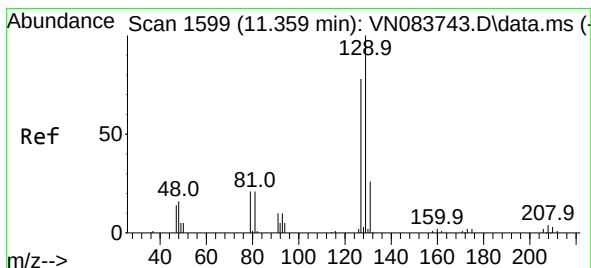
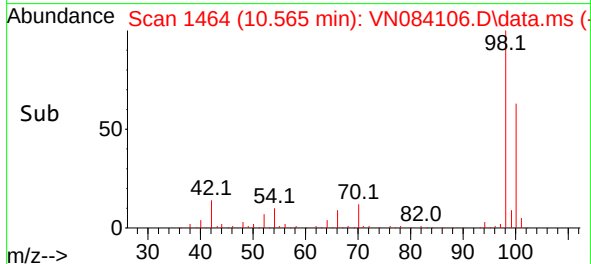
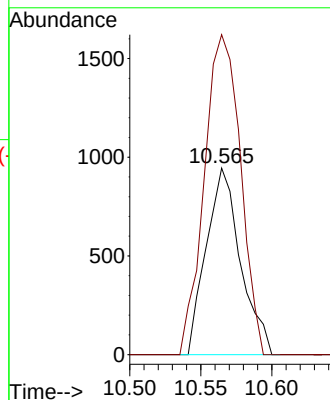
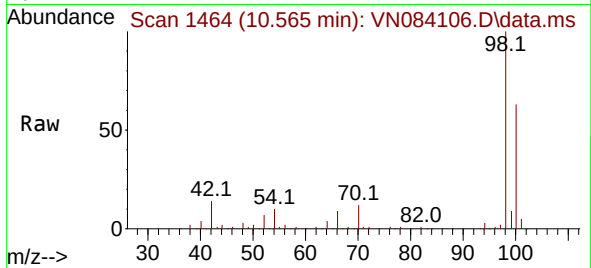




#51
4-Methyl-2-Pentanone
Concen: 0.683 ug/l
RT: 10.565 min Scan# 14
Delta R.T. 0.123 min
Lab File: VN084106.D
Acq: 23 Sep 2024 13:29

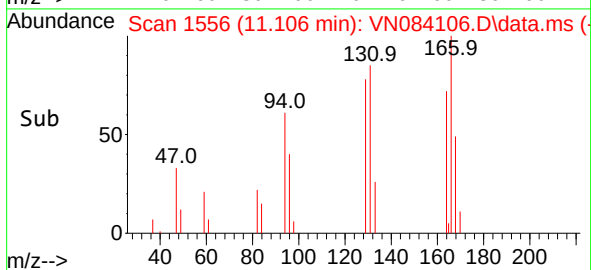
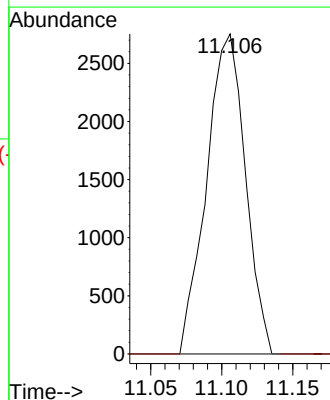
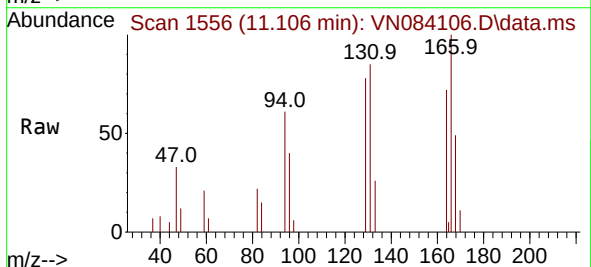
Instrument :
MSVOA_N
ClientSampleId :
RE126D3-20240913

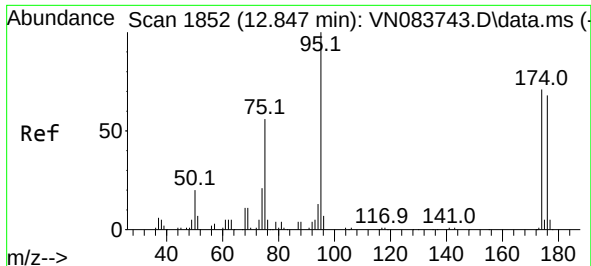
Tgt Ion: 43 Resp: 1587
Ion Ratio Lower Upper
43 100
58 181.3 31.6 47.4#



#60
Dibromochloromethane
Concen: 2.622 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.253 min
Lab File: VN084106.D
Acq: 23 Sep 2024 13:29

Tgt Ion: 129 Resp: 5230
Ion Ratio Lower Upper
129 100
127 0.0 39.0 116.9#

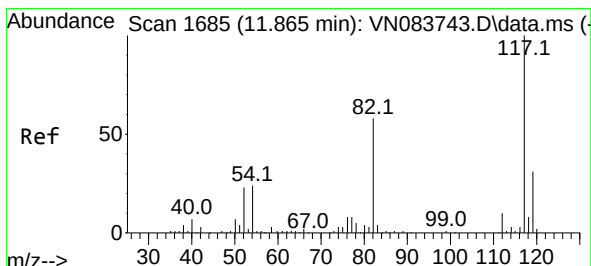
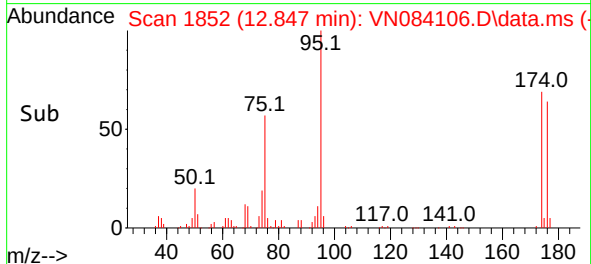
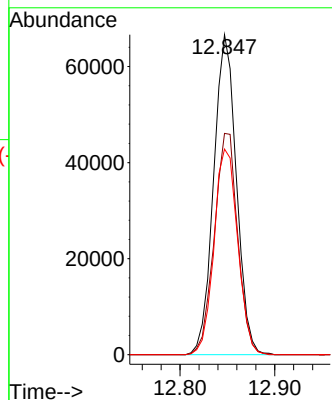
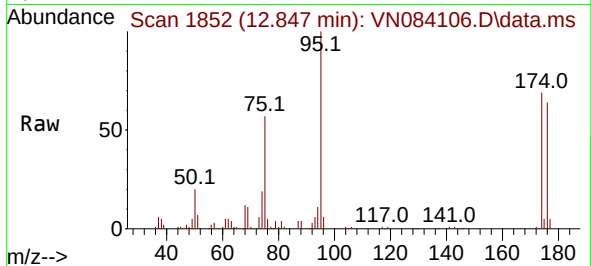




#62
4-Bromofluorobenzene
Concen: 45.262 ug/l
RT: 12.847 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084106.D
Acq: 23 Sep 2024 13:29

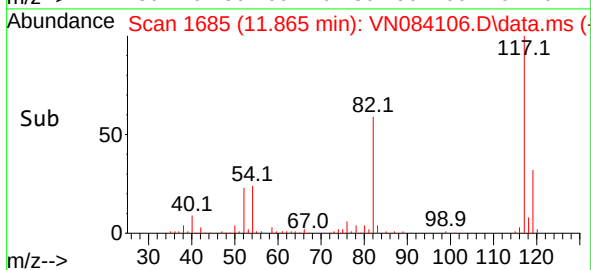
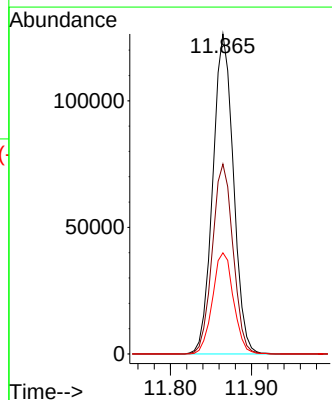
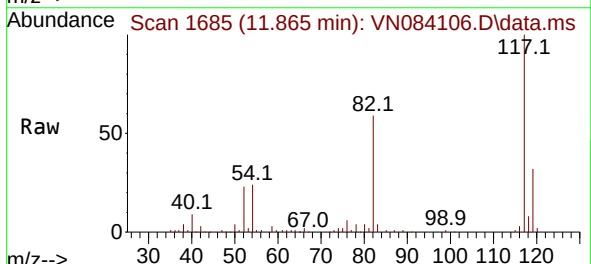
Instrument :
MSVOA_N
ClientSampleId :
RE126D3-20240913

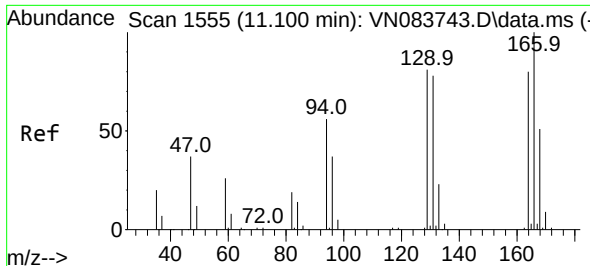
Tgt Ion: 95 Resp: 111235
Ion Ratio Lower Upper
95 100
174 71.3 0.0 139.8
176 66.8 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084106.D
Acq: 23 Sep 2024 13:29

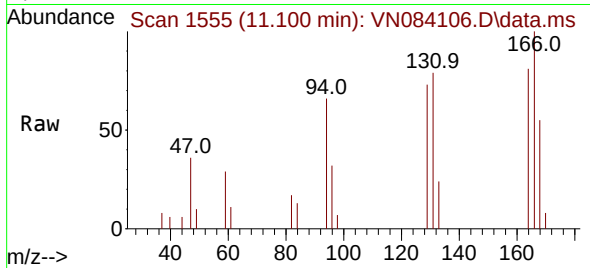
Tgt Ion: 117 Resp: 222977
Ion Ratio Lower Upper
117 100
82 59.4 47.4 71.0
119 31.6 26.3 39.5



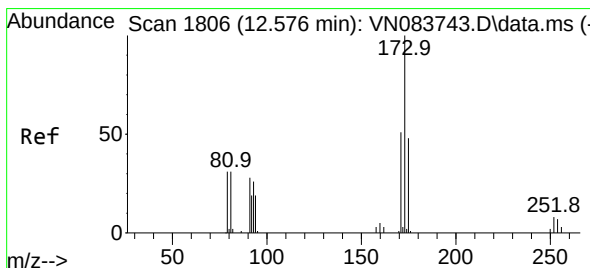
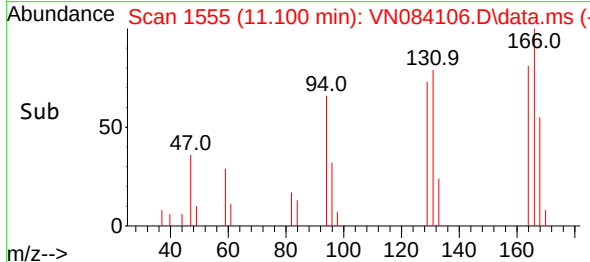
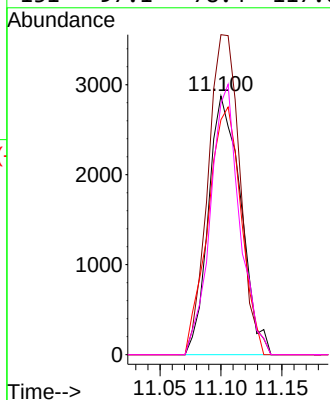


#64
Tetrachloroethene
Concen: 3.580 ug/l
RT: 11.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084106.D
Acq: 23 Sep 2024 13:29

Instrument :
MSVOA_N
ClientSampleId :
RE126D3-20240913

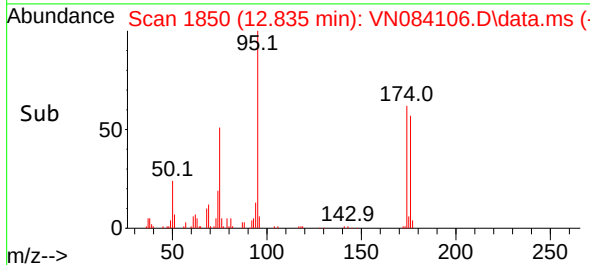
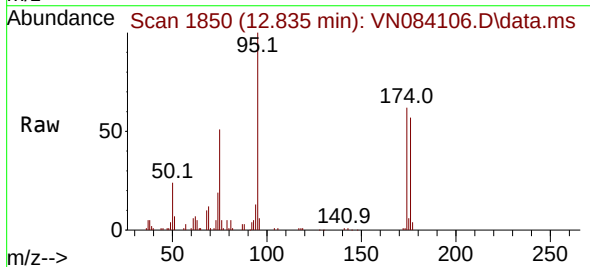
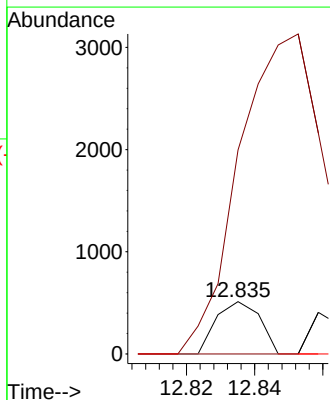


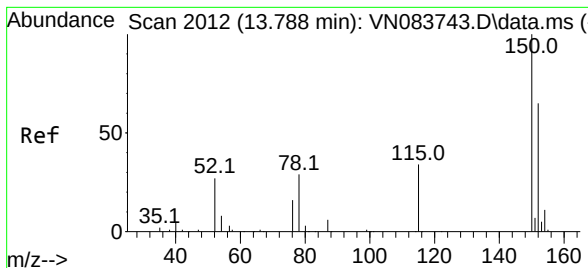
Tgt Ion:164 Resp: 5309
Ion Ratio Lower Upper
164 100
166 123.7 103.7 155.5
129 90.8 79.9 119.9
131 97.1 78.4 117.6



#71
Bromoform
Concen: 0.394 ug/l
RT: 12.835 min Scan# 1850
Delta R.T. 0.259 min
Lab File: VN084106.D
Acq: 23 Sep 2024 13:29

Tgt Ion:173 Resp: 456
Ion Ratio Lower Upper
173 100
175 0.0 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: VN084106.D

Acq: 23 Sep 2024 13:29

Instrument :

MSVOA_N

ClientSampleId :

RE126D3-20240913

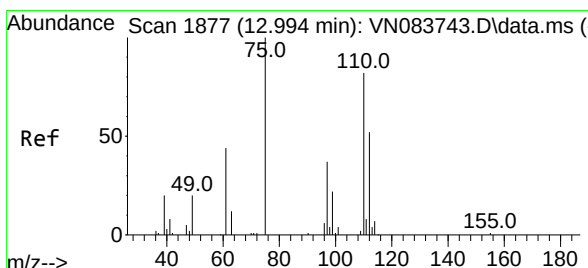
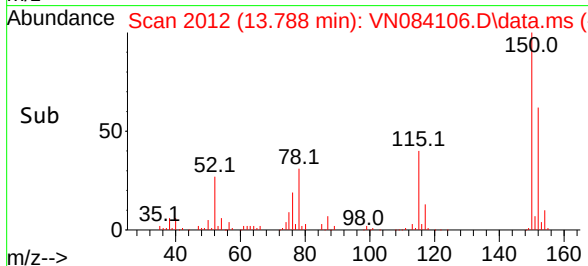
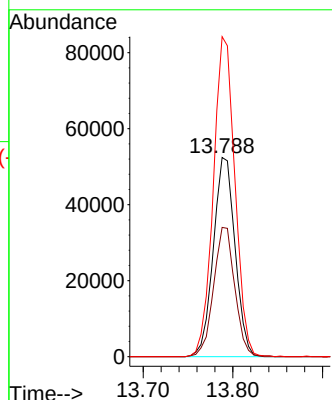
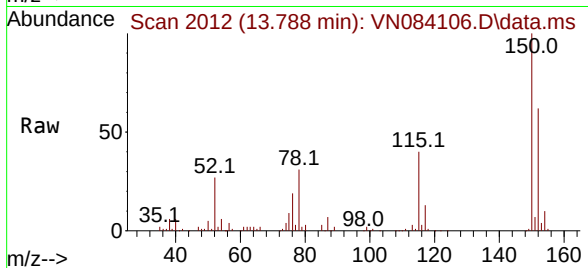
Tgt Ion:152 Resp: 88328

Ion Ratio Lower Upper

152 100

115 63.1 32.2 96.6

150 159.2 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 35.349 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN084106.D

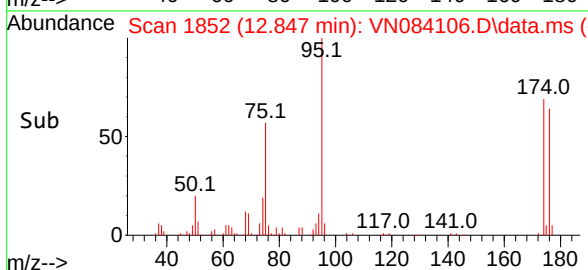
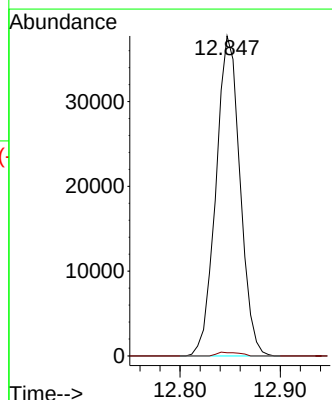
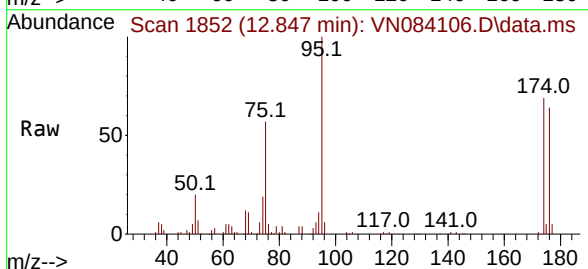
Acq: 23 Sep 2024 13:29

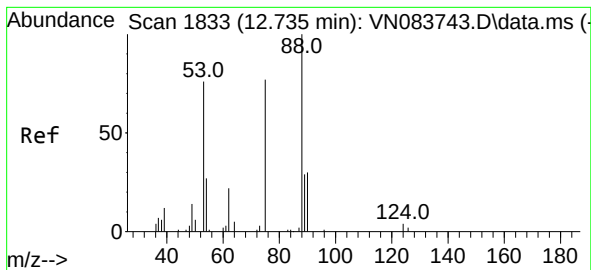
Tgt Ion: 75 Resp: 63001

Ion Ratio Lower Upper

75 100

77 1.1 95.2 285.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 92.580 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN084106.D
Acq: 23 Sep 2024 13:29

Instrument :
MSVOA_N
ClientSampleId :
RE126D3-20240913

Tgt Ion: 75 Resp: 63001
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#

