

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091924\
 Data File : VN084050.D
 Acq On : 19 Sep 2024 21:42
 Operator : JC\MD
 Sample : P4003-15
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE108D1-20240913

Quant Time: Sep 20 01:38:41 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)

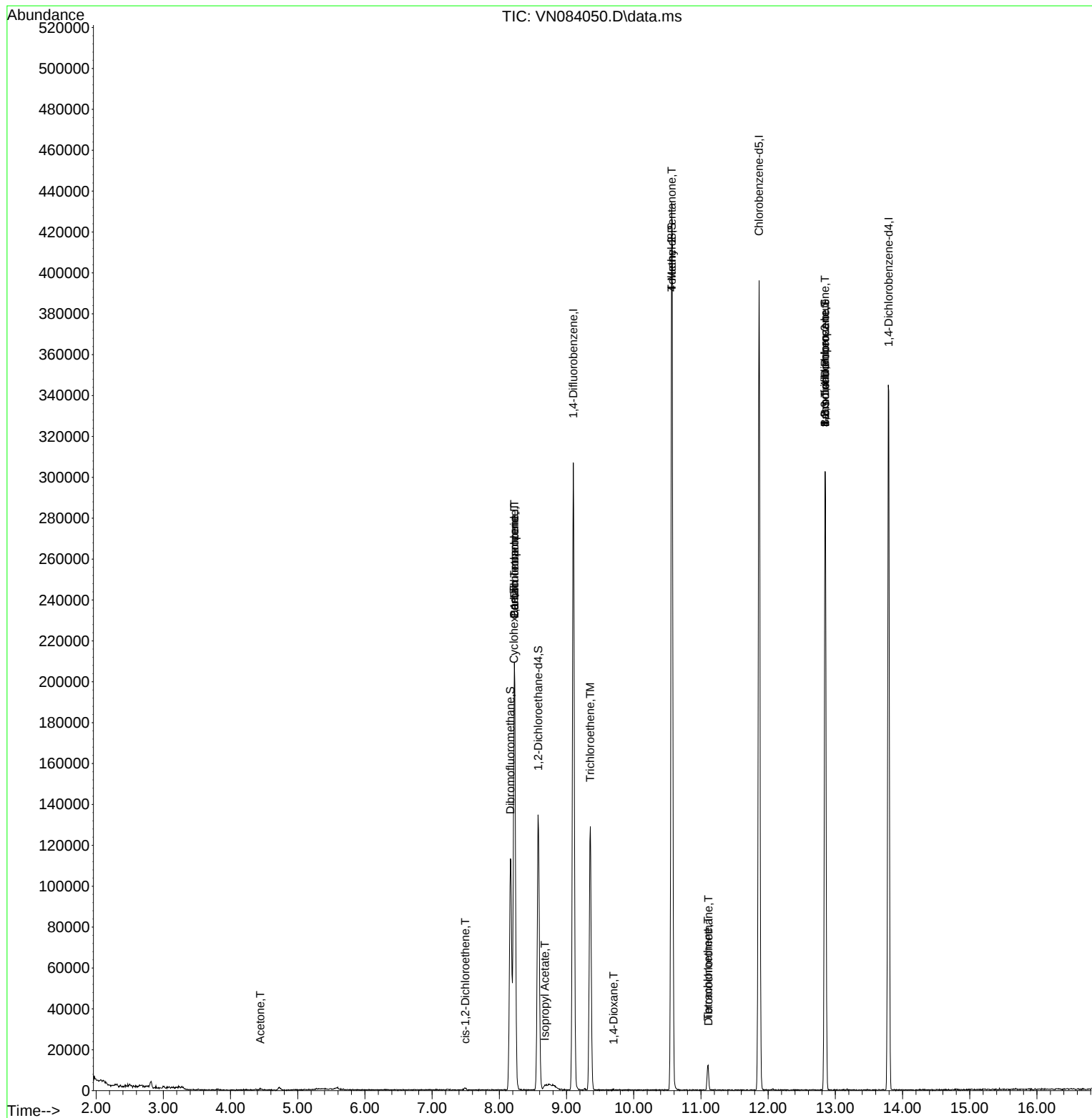
Internal Standards						
1) Pentafluorobenzene	8.224	168	140288	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	245407	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	211578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	87491	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	114508	54.132	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 108.260%		
35) Dibromofluoromethane	8.165	113	80779	51.417	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 102.840%		
50) Toluene-d8	10.565	98	290769	53.536	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 107.080%		
62) 4-Bromofluorobenzene	12.847	95	104016	46.419	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery	= 92.840%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	443	Below Cal	#	41
16) Acetone	4.442	43	849	1.001	ug/l #	45
18) Methyl Acetate	5.053	43	60	Below Cal	#	52
27) cis-1,2-Dichloroethene	7.494	96	693	0.359	ug/l	76
31) Cyclohexane	8.218	56	4121	1.348	ug/l #	69
36) 1,1-Dichloropropene	8.224	75	13327	5.636	ug/l #	49
38) Carbon Tetrachloride	8.224	117	16801	6.263	ug/l #	16
43) Isopropyl Acetate	8.677	43	1308	0.336	ug/l #	57
44) Trichloroethene	9.353	130	43694	26.510	ug/l	87
49) 1,4-Dioxane	9.700	88	63	2.075	ug/l #	83
51) 4-Methyl-2-Pentanone	10.565	43	1562	0.738	ug/l #	1
60) Dibromochloromethane	11.112	129	2896	1.592	ug/l #	10
64) Tetrachloroethene	11.106	164	2878	2.045	ug/l #	81
71) Bromoform	12.847	173	492	0.448	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	60495	34.267	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	60495	89.748	ug/l #	9

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

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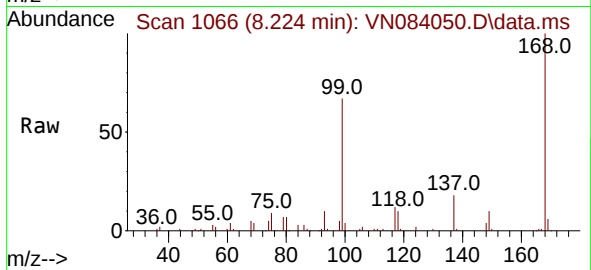
Quant Time: Sep 20 01:38:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



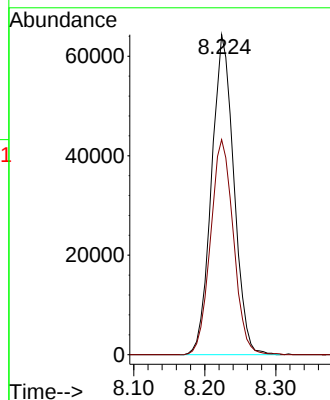
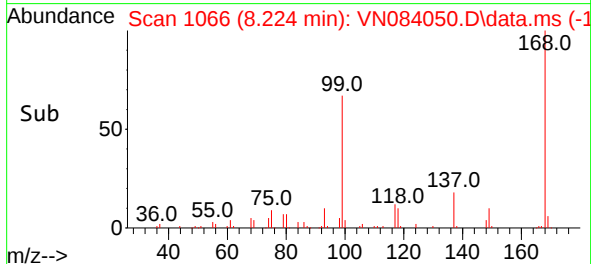


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN084050.D
Acq: 19 Sep 2024 21:42

Instrument :
MSVOA_N
ClientSampleId :
RE108D1-20240913

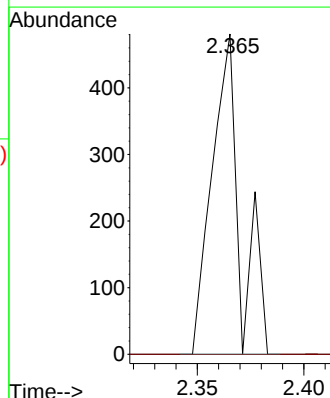
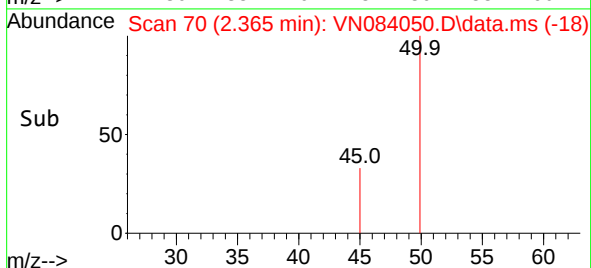
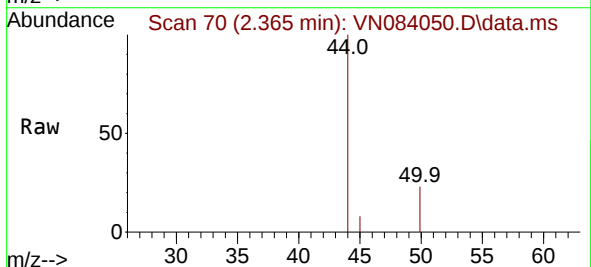


Tgt Ion:168 Resp: 140288
Ion Ratio Lower Upper
168 100
99 67.2 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084050.D
Acq: 19 Sep 2024 21:42

Tgt Ion: 50 Resp: 443
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#

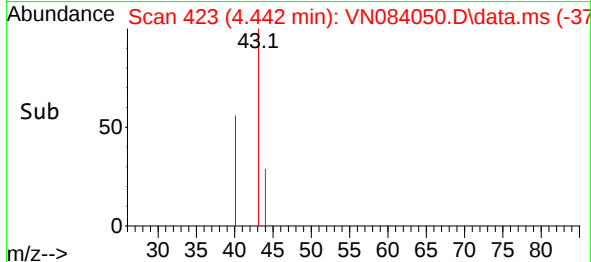
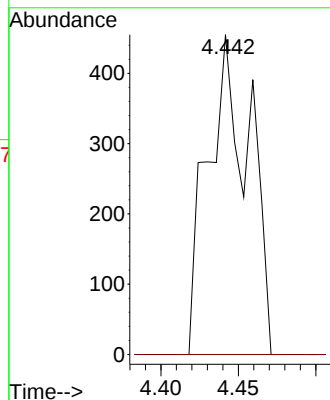
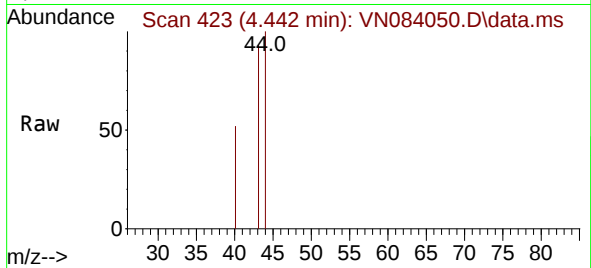




#16
Acetone
Concen: 1.001 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN084050.D
Acq: 19 Sep 2024 21:42

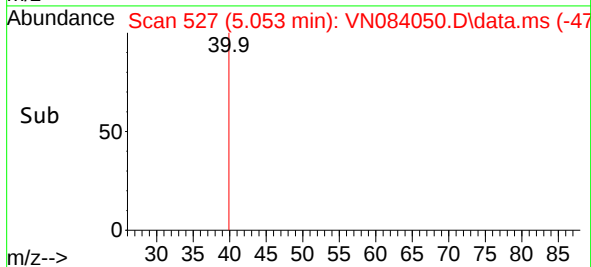
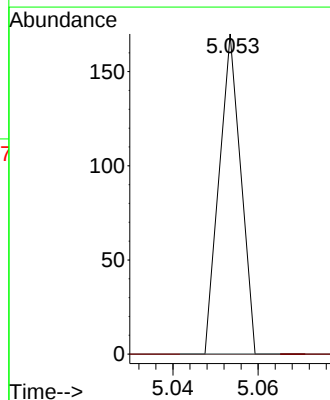
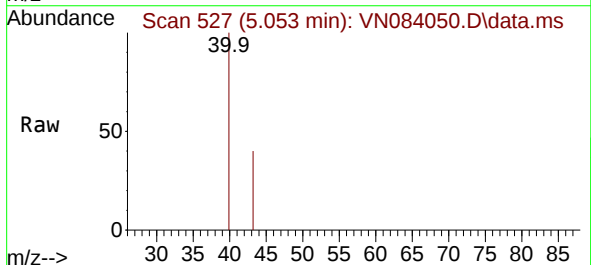
Instrument :
MSVOA_N
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RE108D1-20240913

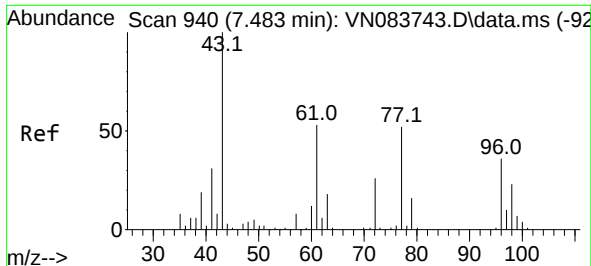
Tgt Ion: 43 Resp: 849
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.053 min Scan# 527
Delta R.T. 0.029 min
Lab File: VN084050.D
Acq: 19 Sep 2024 21:42

Tgt Ion: 43 Resp: 60
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#



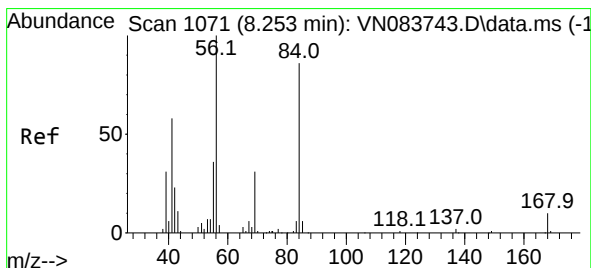
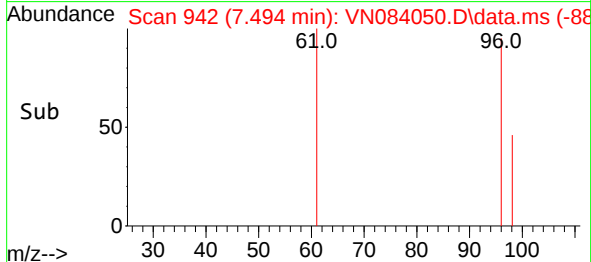
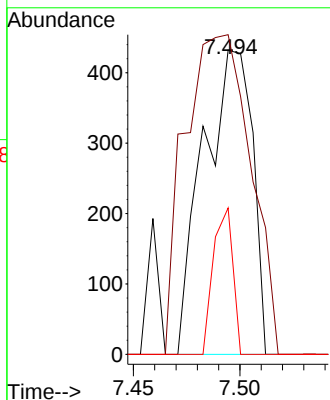
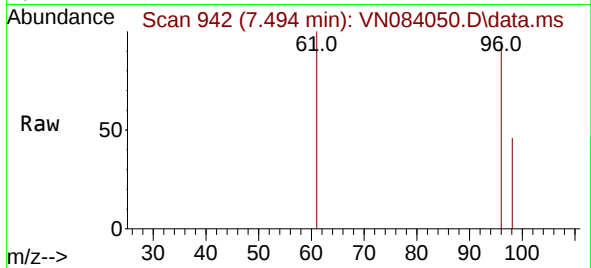


#27
 cis-1,2-Dichloroethene
 Concen: 0.359 ug/l
 RT: 7.494 min Scan# 94
 Delta R.T. 0.012 min
 Lab File: VN084050.D
 Acq: 19 Sep 2024 21:42

Instrument :
 MSVOA_N
 ClientSampleId :
 RE108D1-20240913

Tgt Ion: 96 Resp: 693

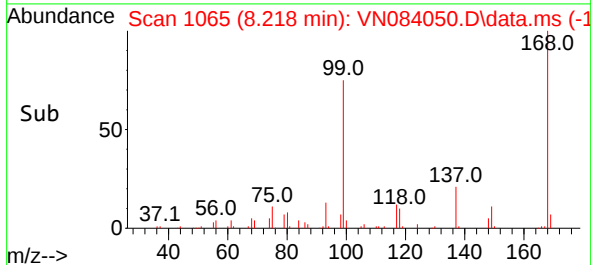
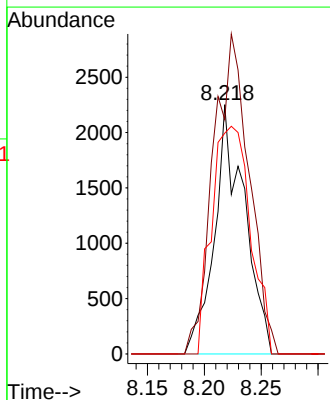
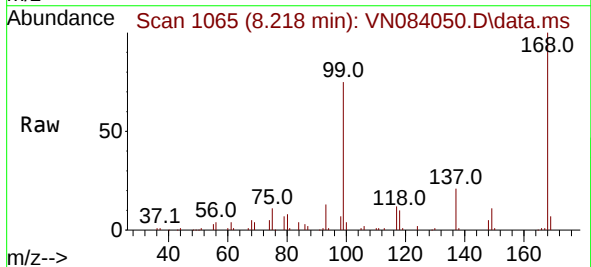
Ion	Ratio	Lower	Upper
96	100		
61	140.7	0.0	306.2
98	19.0	0.0	128.6

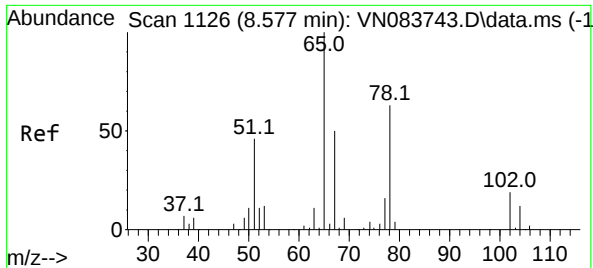


#31
 Cyclohexane
 Concen: 1.348 ug/l
 RT: 8.218 min Scan# 1065
 Delta R.T. -0.035 min
 Lab File: VN084050.D
 Acq: 19 Sep 2024 21:42

Tgt Ion: 56 Resp: 4121

Ion	Ratio	Lower	Upper
56	100		
69	94.0	26.9	40.3#
84	88.6	69.2	103.8





#33

1,2-Dichloroethane-d4

Concen: 54.132 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN084050.D

Acq: 19 Sep 2024 21:42

Instrument :

MSVOA_N

ClientSampleId :

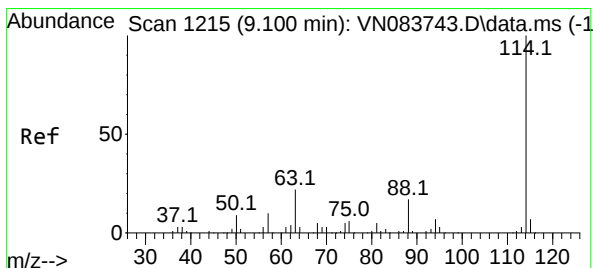
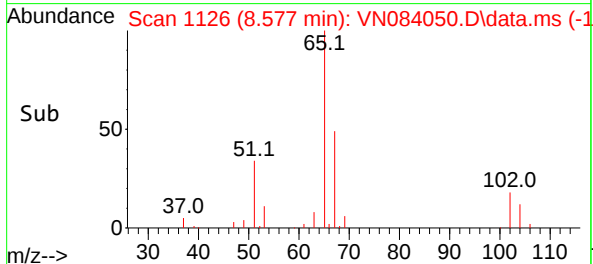
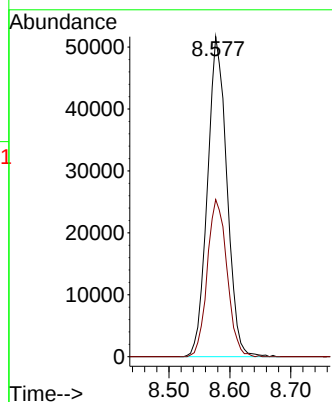
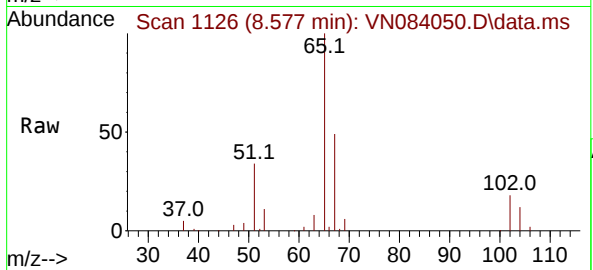
RE108D1-20240913

Tgt Ion: 65 Resp: 114508

Ion Ratio Lower Upper

65 100

67 49.7 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: VN084050.D

Acq: 19 Sep 2024 21:42

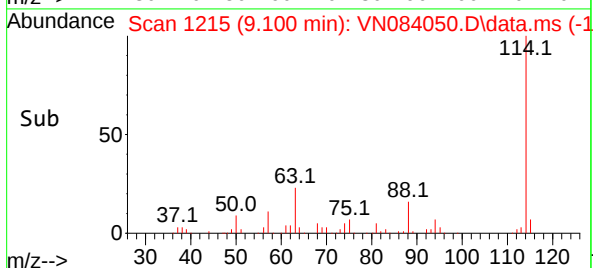
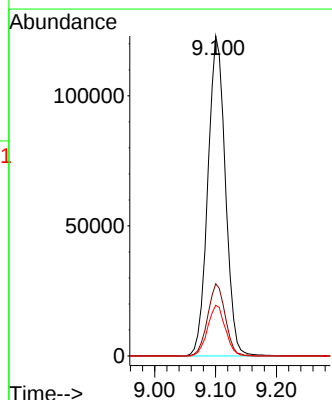
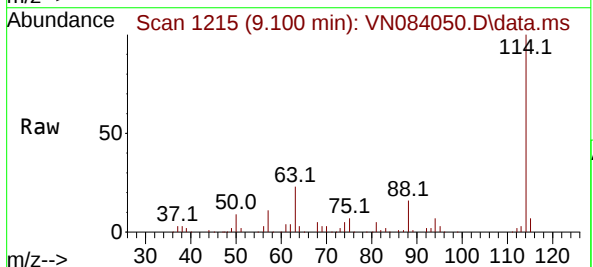
Tgt Ion: 114 Resp: 245407

Ion Ratio Lower Upper

114 100

63 22.6 0.0 43.4

88 15.8 0.0 32.6

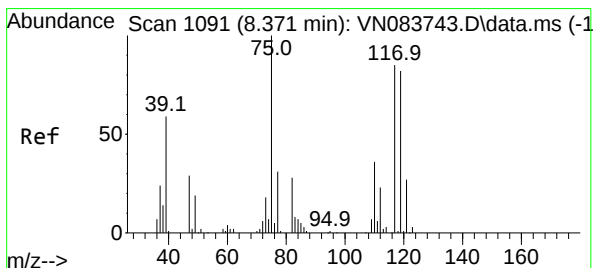
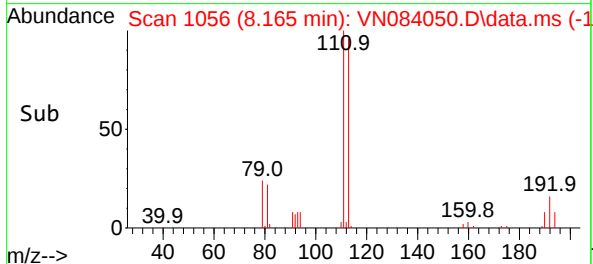
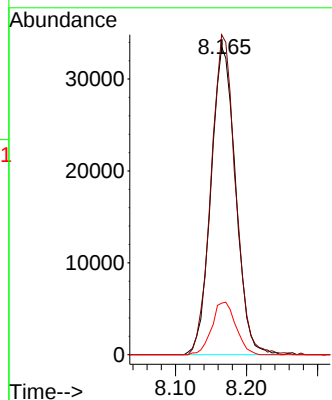
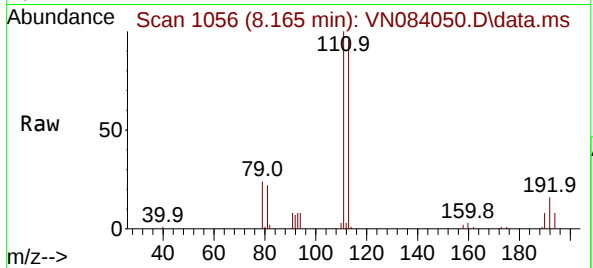




#35
Dibromofluoromethane
Concen: 51.417 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN084050.D
Acq: 19 Sep 2024 21:42

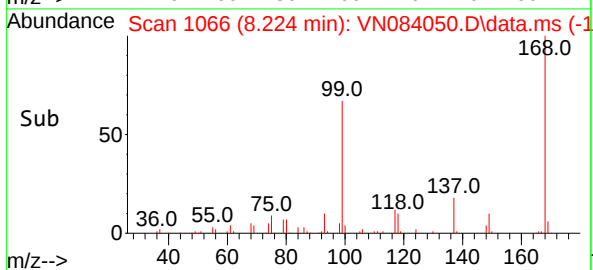
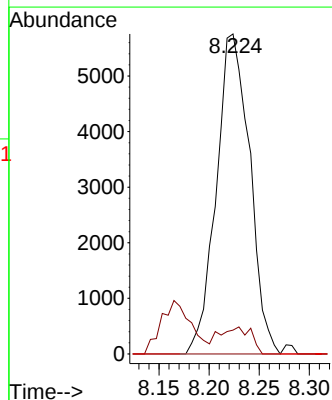
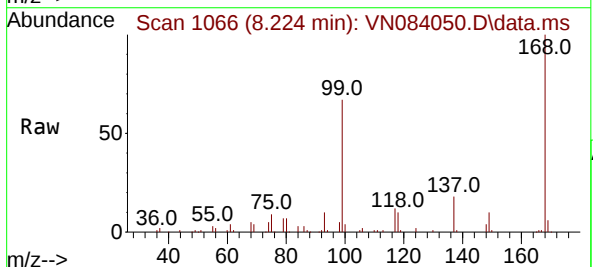
Instrument :
MSVOA_N
ClientSampleId :
RE108D1-20240913

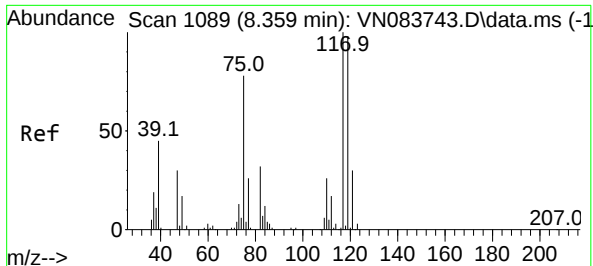
Tgt Ion:113 Resp: 80779
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 16.6 14.3 21.5



#36
1,1-Dichloropropene
Concen: 5.636 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN084050.D
Acq: 19 Sep 2024 21:42

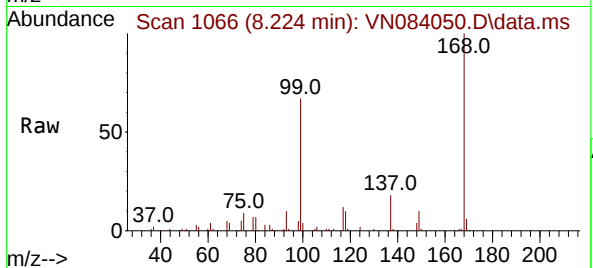
Tgt Ion: 75 Resp: 13327
Ion Ratio Lower Upper
75 100
110 8.0 16.7 50.1#
77 0.0 25.2 37.8#



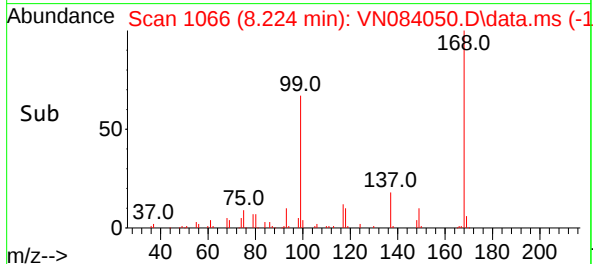
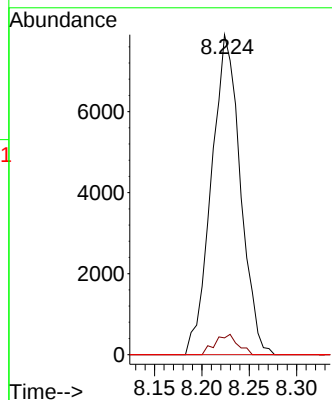


#38
Carbon Tetrachloride
Concen: 6.263 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN084050.D
Acq: 19 Sep 2024 21:42

Instrument :
MSVOA_N
ClientSampleId :
RE108D1-20240913

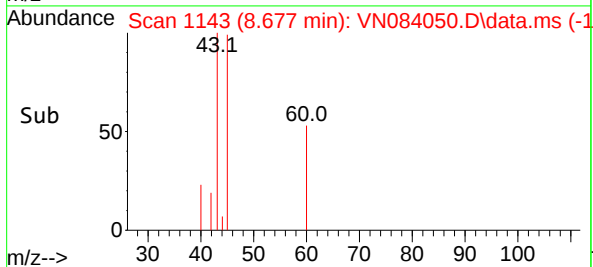
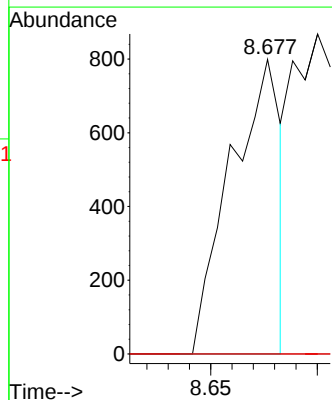
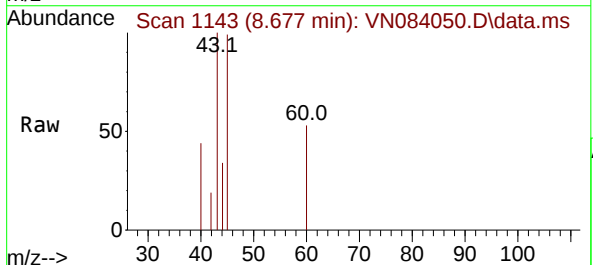


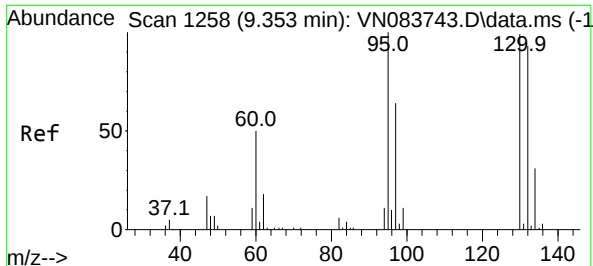
Tgt Ion:117 Resp: 16801
Ion Ratio Lower Upper
117 100
119 5.2 76.1 114.1#
121 0.0 24.1 36.1#



#43
Isopropyl Acetate
Concen: 0.336 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.012 min
Lab File: VN084050.D
Acq: 19 Sep 2024 21:42

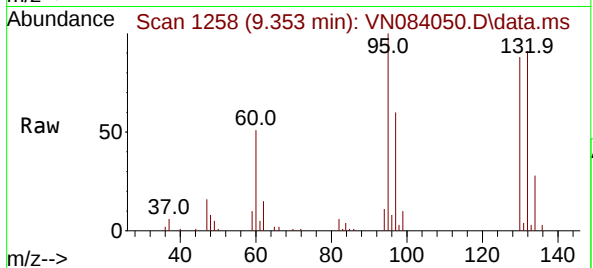
Tgt Ion: 43 Resp: 1308
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#



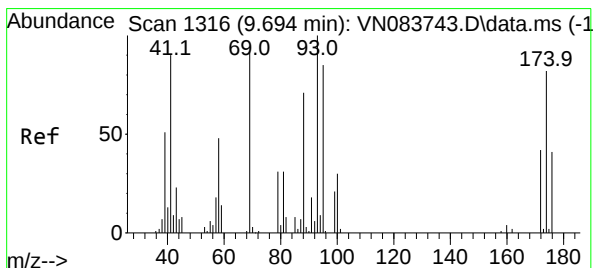
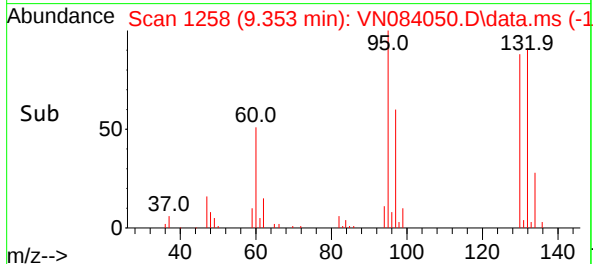
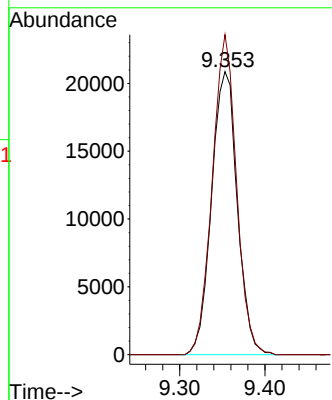


#44
Trichloroethene
Concen: 26.510 ug/l
RT: 9.353 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084050.D
Acq: 19 Sep 2024 21:42

Instrument :
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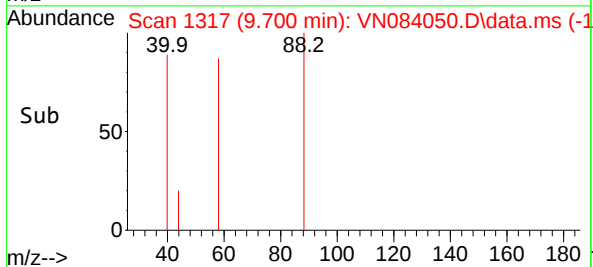
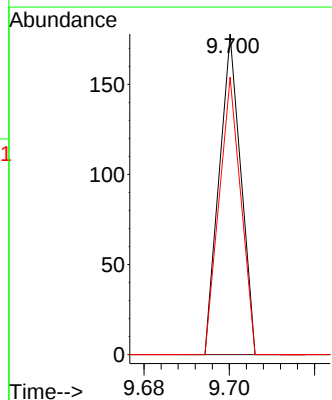
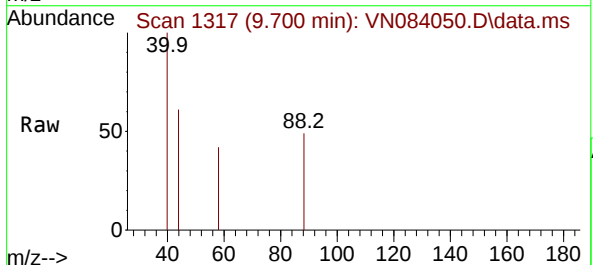


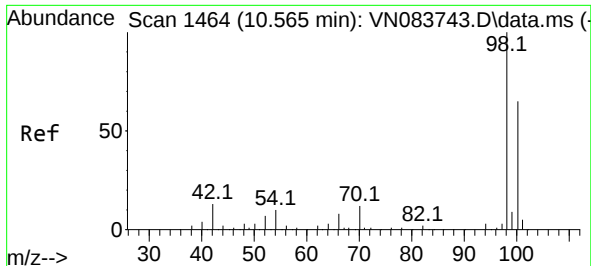
Tgt Ion:130 Resp: 43694
Ion Ratio Lower Upper
130 100
95 113.1 0.0 200.4



#49
1,4-Dioxane
Concen: 2.075 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VN084050.D
Acq: 19 Sep 2024 21:42

Tgt Ion: 88 Resp: 63
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 85.7 57.1 85.7#

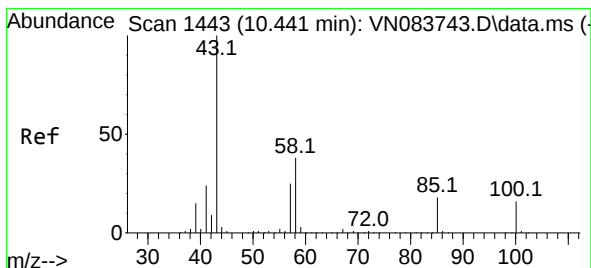
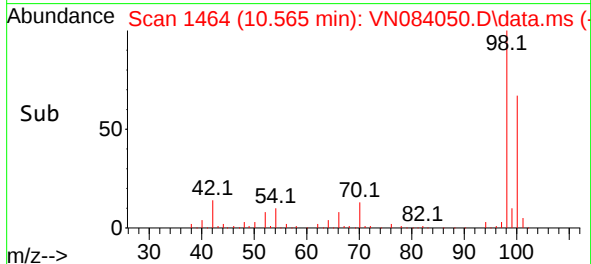
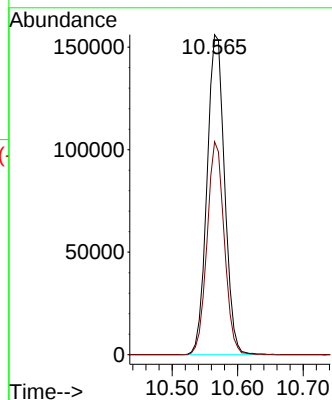
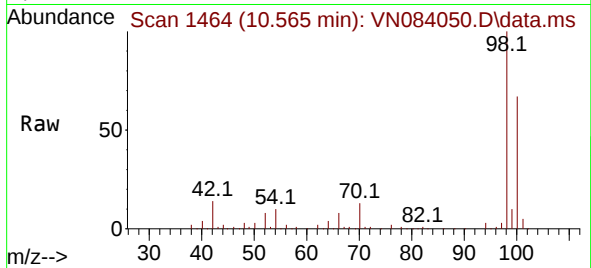




#50
Toluene-d8
Concen: 53.536 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084050.D
Acq: 19 Sep 2024 21:42

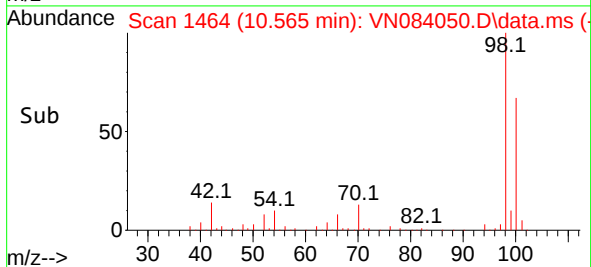
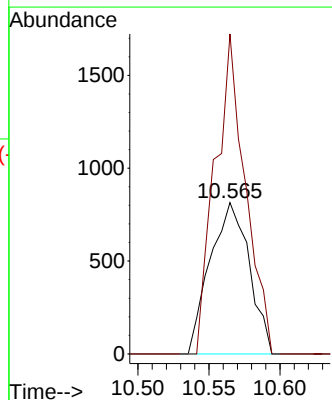
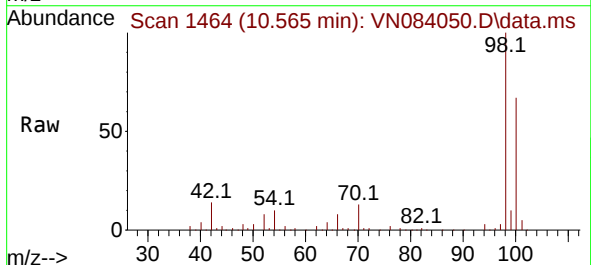
Instrument :
MSVOA_N
ClientSampleId :
RE108D1-20240913

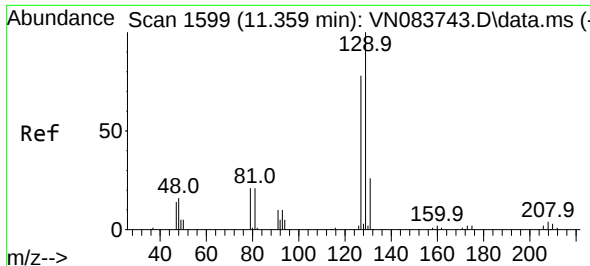
Tgt Ion: 98 Resp: 290769
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.738 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.124 min
Lab File: VN084050.D
Acq: 19 Sep 2024 21:42

Tgt Ion: 43 Resp: 1562
Ion Ratio Lower Upper
43 100
58 163.6 31.6 47.4#

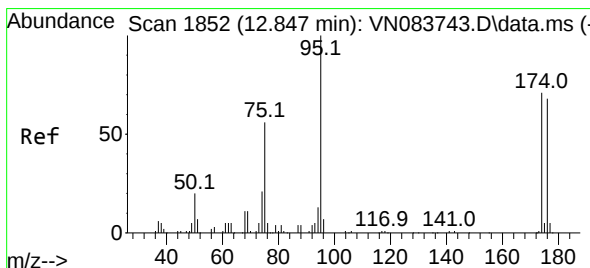
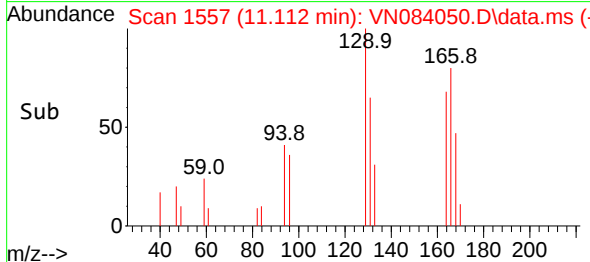
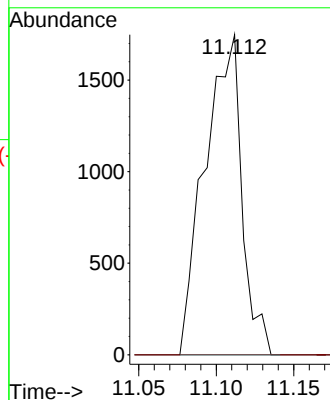
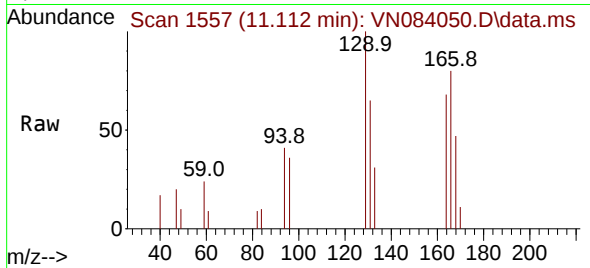




#60
Dibromochloromethane
Concen: 1.592 ug/l
RT: 11.112 min Scan# 11
Delta R.T. -0.247 min
Lab File: VN084050.D
Acq: 19 Sep 2024 21:42

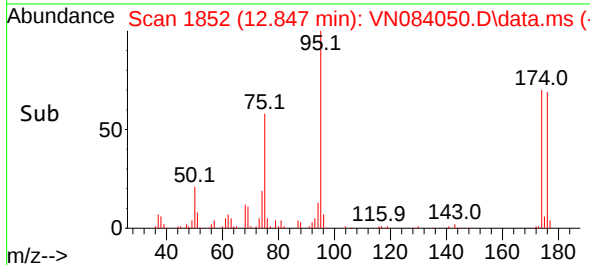
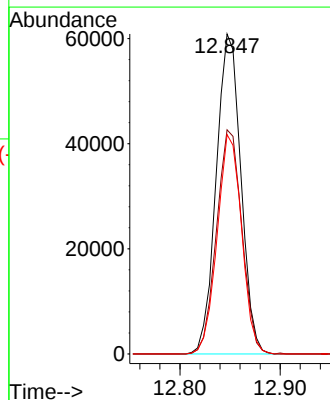
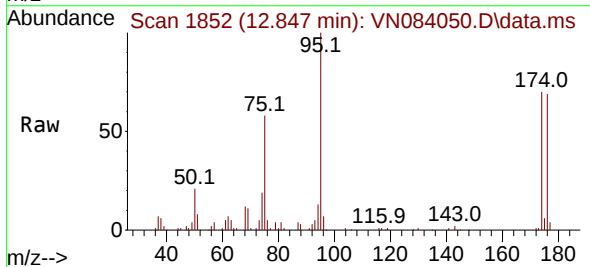
Instrument :
MSVOA_N
ClientSampleId :
RE108D1-20240913

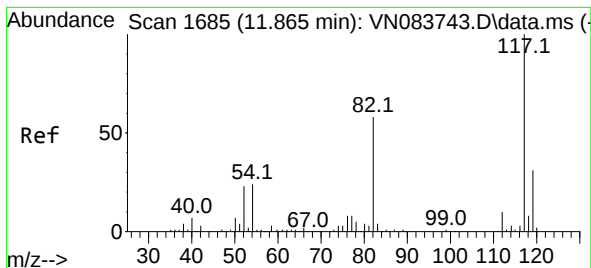
Tgt Ion:129 Resp: 2896
Ion Ratio Lower Upper
129 100
127 0.0 39.0 116.9#



#62
4-Bromofluorobenzene
Concen: 46.419 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084050.D
Acq: 19 Sep 2024 21:42

Tgt Ion: 95 Resp: 104016
Ion Ratio Lower Upper
95 100
174 72.1 0.0 139.8
176 68.0 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 117

Delta R.T. 0.000 min

Lab File: VN084050.D

Acq: 19 Sep 2024 21:42

Instrument :

MSVOA_N

ClientSampleId :

RE108D1-20240913

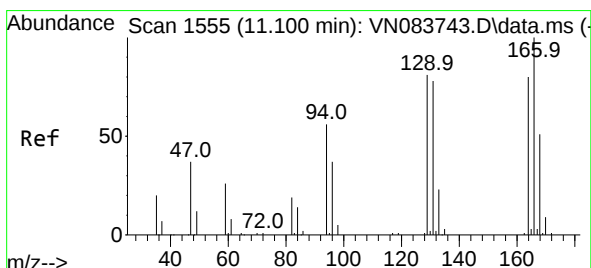
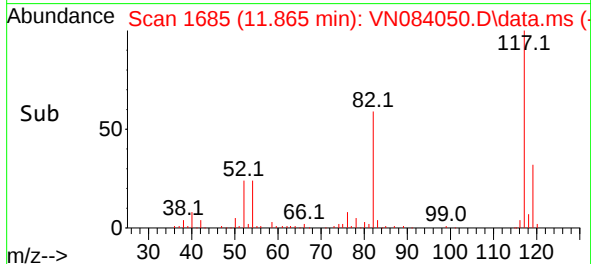
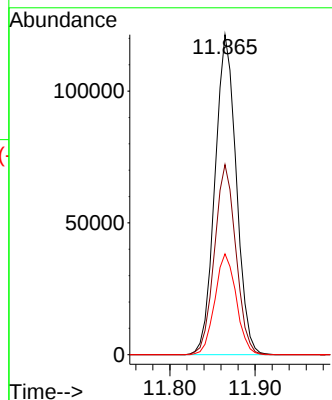
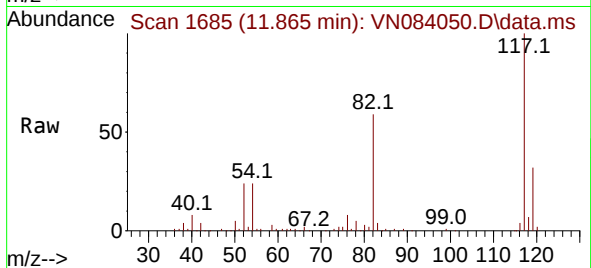
Tgt Ion:117 Resp: 211578

Ion Ratio Lower Upper

117 100

82 59.4 47.4 71.0

119 31.5 26.3 39.5



#64

Tetrachloroethene

Concen: 2.045 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.006 min

Lab File: VN084050.D

Acq: 19 Sep 2024 21:42

Tgt Ion:164 Resp: 2878

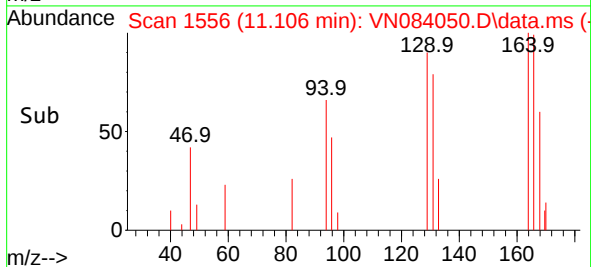
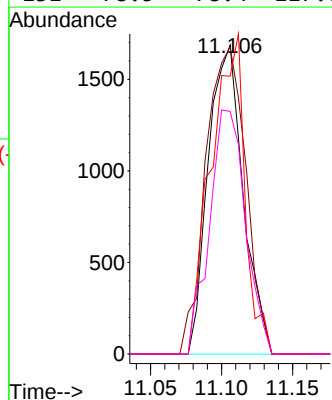
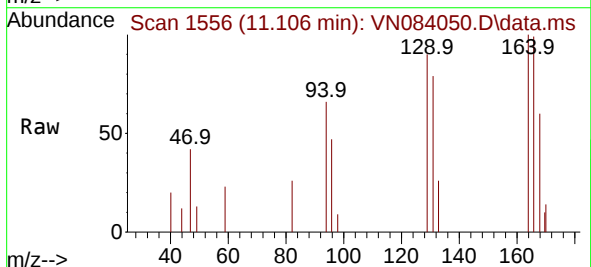
Ion Ratio Lower Upper

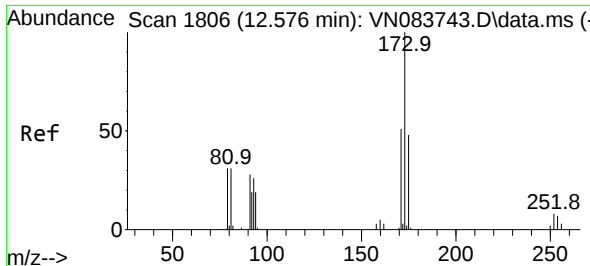
164 100

166 99.5 103.7 155.5#

129 89.9 79.9 119.9

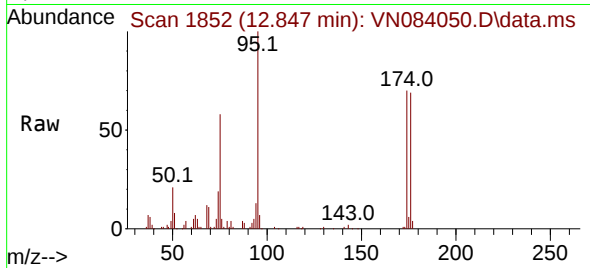
131 78.5 78.4 117.6



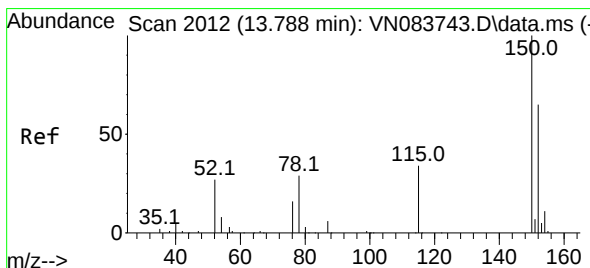
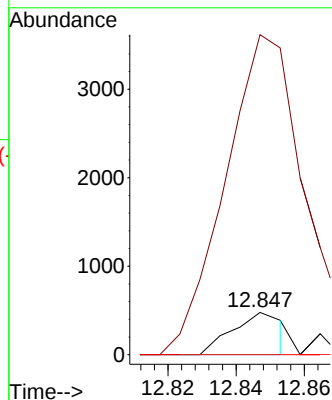
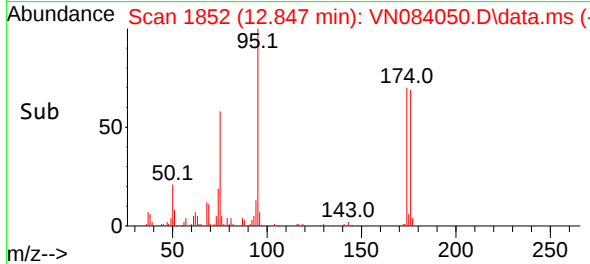


#71
Bromoform
Concen: 0.448 ug/l
RT: 12.847 min Scan# 1806
Delta R.T. 0.271 min
Lab File: VN084050.D
Acq: 19 Sep 2024 21:42

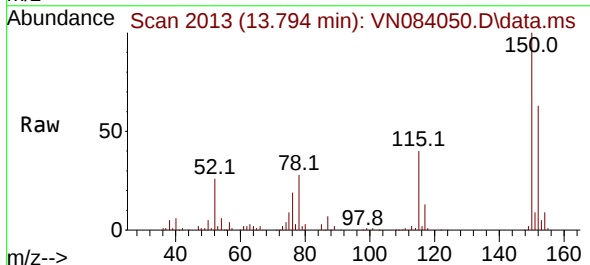
Instrument :
MSVOA_N
ClientSampleId :
RE108D1-20240913



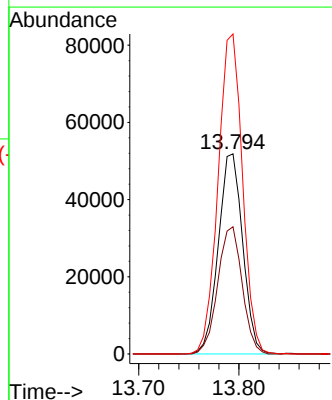
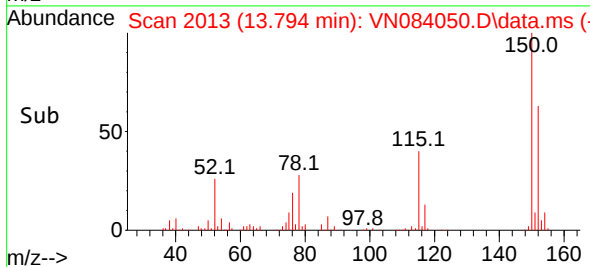
Tgt Ion:173 Resp: 492
Ion Ratio Lower Upper
173 100
175 904.5 24.1 72.2#
254 0.0 0.0 0.0

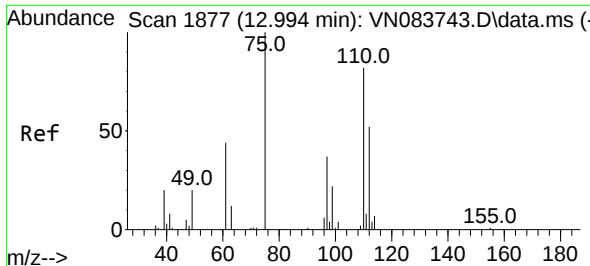


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN084050.D
Acq: 19 Sep 2024 21:42



Tgt Ion:152 Resp: 87491
Ion Ratio Lower Upper
152 100
115 63.6 32.2 96.6
150 160.1 0.0 348.6

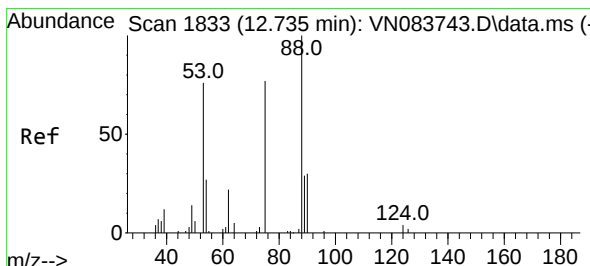
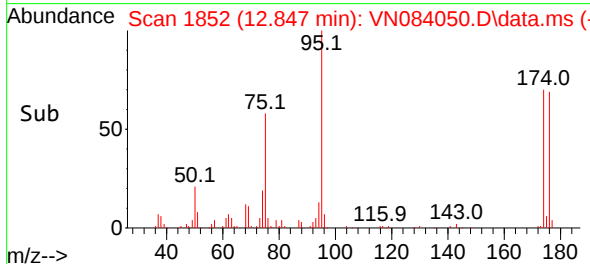
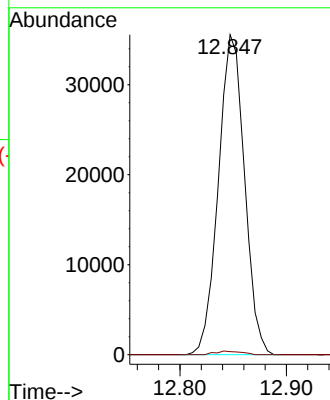
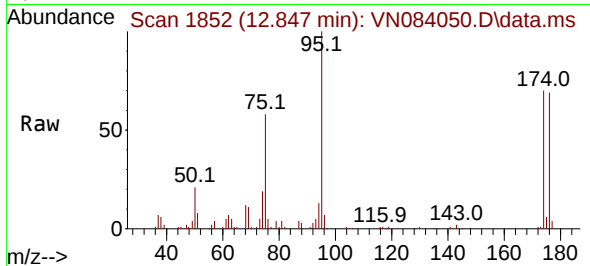




#76
1,2,3-Trichloropropane
Concen: 34.267 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN084050.D
Acq: 19 Sep 2024 21:42

Instrument :
MSVOA_N
ClientSampleId :
RE108D1-20240913

Tgt Ion: 75 Resp: 60495
Ion Ratio Lower Upper
75 100
77 1.1 95.2 285.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.748 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084050.D
Acq: 19 Sep 2024 21:42

Tgt Ion: 75 Resp: 60495
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#

