

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092424\
 Data File : VN084128.D
 Acq On : 24 Sep 2024 12:43
 Operator : JC\MD
 Sample : P4116-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE123D3-20240916

Quant Time: Sep 25 01:32:35 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)

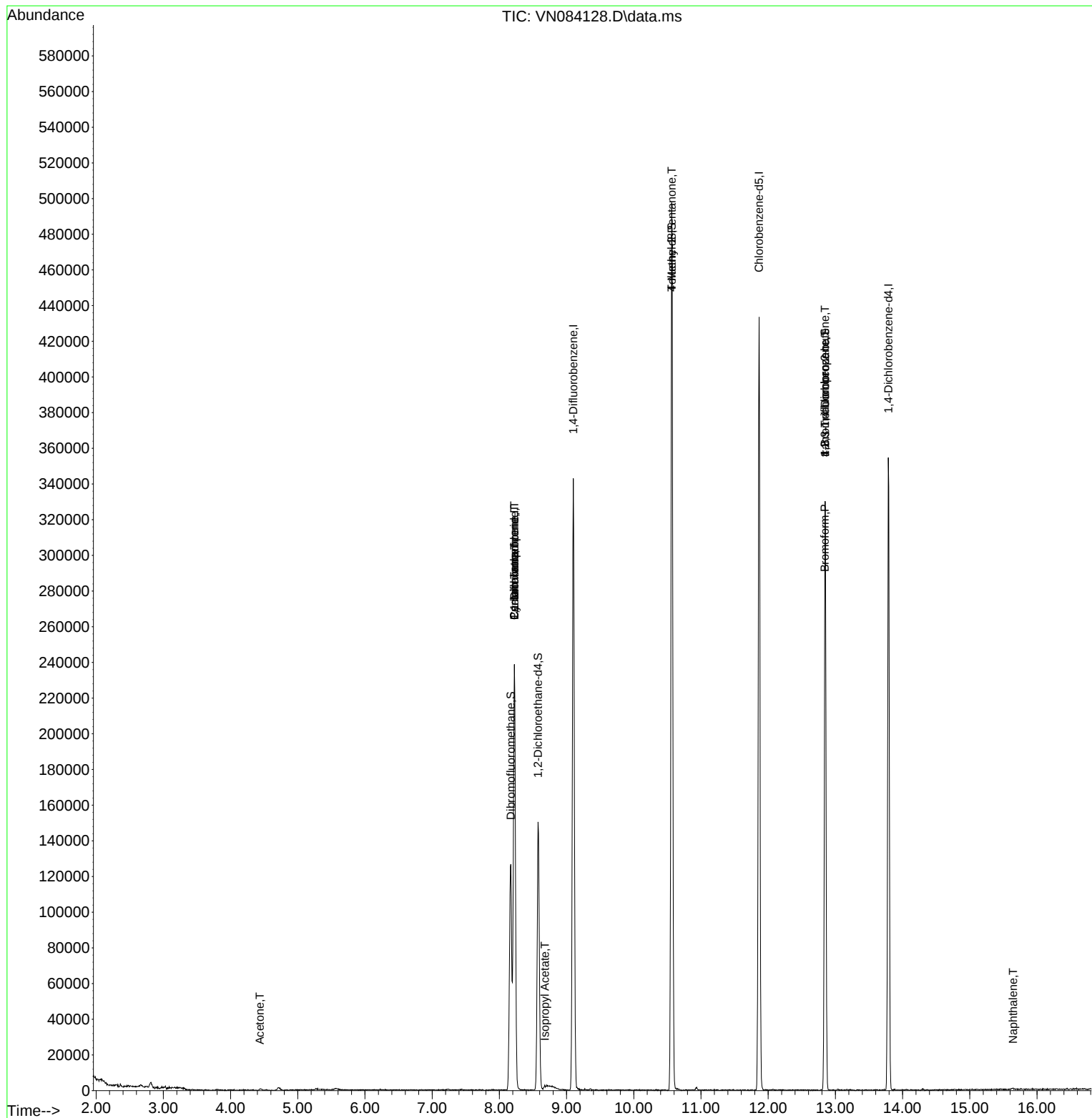
Internal Standards						
1) Pentafluorobenzene	8.224	168	161169	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	280979	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	234274	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	90496	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	124011	51.029	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125		Recovery	= 102.060%	
35) Dibromofluoromethane	8.171	113	91257	50.732	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124		Recovery	= 101.460%	
50) Toluene-d8	10.565	98	335538	53.958	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113		Recovery	= 107.920%	
62) 4-Bromofluorobenzene	12.847	95	113016	44.050	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121		Recovery	= 88.100%	
Target Compounds						
3) Chloromethane	2.359	50	825	Below Cal	Qvalue 95	
16) Acetone	4.436	43	1172	1.203	ug/l #	45
31) Cyclohexane	8.224	56	4379	1.247	ug/l #	23
36) 1,1-Dichloropropene	8.224	75	14881	5.496	ug/l #	52
38) Carbon Tetrachloride	8.224	117	18233	5.936	ug/l #	15
43) Isopropyl Acetate	8.677	43	1125	0.253	ug/l #	57
51) 4-Methyl-2-Pentanone	10.565	43	1473	0.608	ug/l #	1
71) Bromoform	12.841	173	510	0.419	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	62052	33.982	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	62052	89.001	ug/l #	9
95) Naphthalene	15.647	128	1154	0.230	ug/l #	69

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

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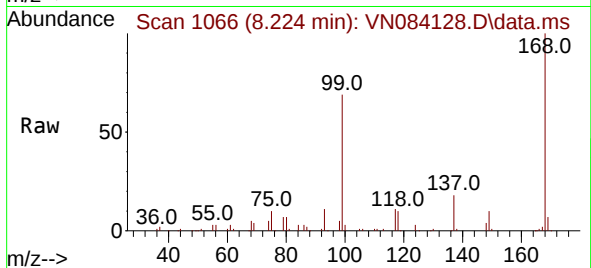
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



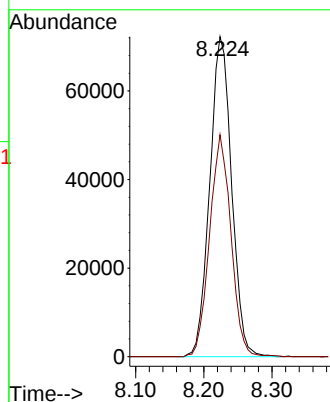
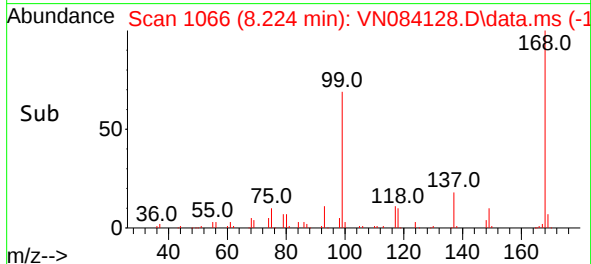


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084128.D
Acq: 24 Sep 2024 12:43

Instrument :
MSVOA_N
ClientSampleId :
RE123D3-20240916

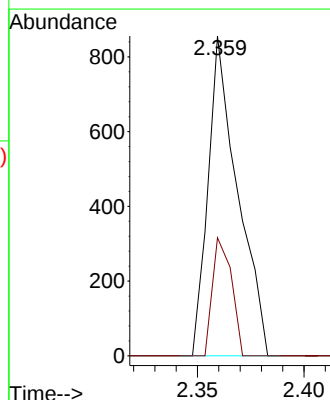
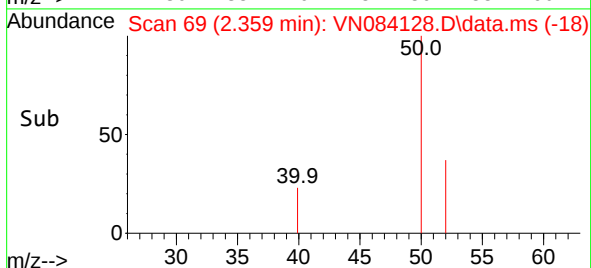
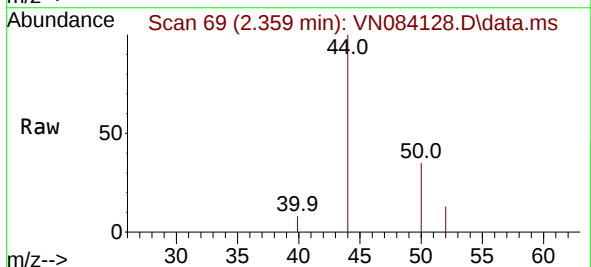


Tgt Ion:168 Resp: 161169
Ion Ratio Lower Upper
168 100
99 69.3 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084128.D
Acq: 24 Sep 2024 12:43

Tgt Ion: 50 Resp: 825
Ion Ratio Lower Upper
50 100
52 36.9 27.2 40.8

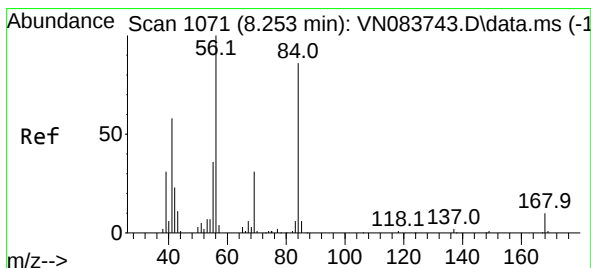
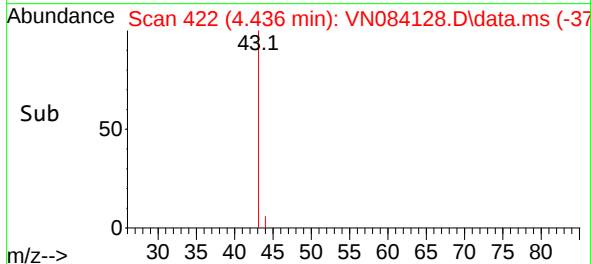
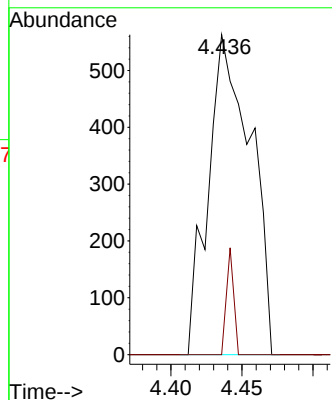
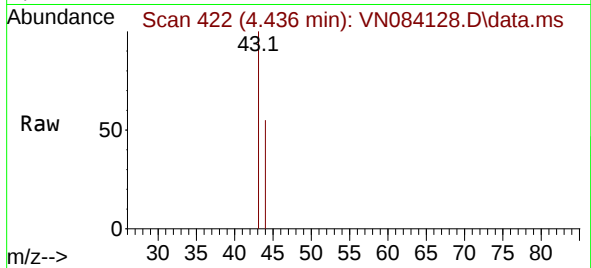




#16
Acetone
Concen: 1.203 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN084128.D
Acq: 24 Sep 2024 12:43

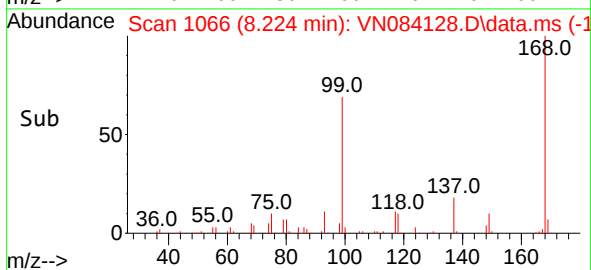
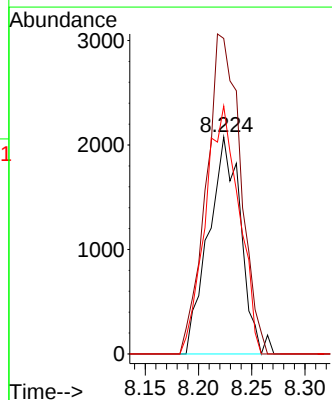
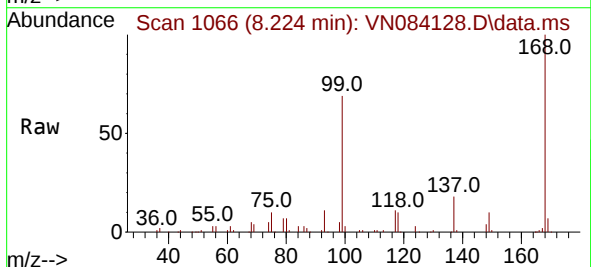
Instrument :
MSVOA_N
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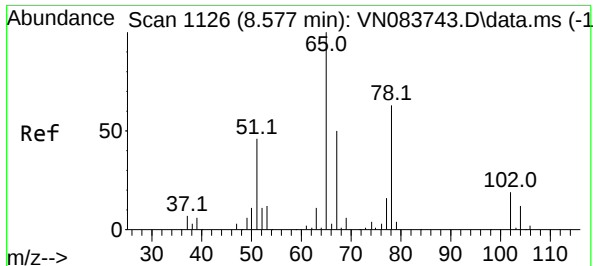
Tgt Ion: 43 Resp: 1172
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#



#31
Cyclohexane
Concen: 1.247 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084128.D
Acq: 24 Sep 2024 12:43

Tgt Ion: 56 Resp: 4379
Ion Ratio Lower Upper
56 100
69 145.4 26.9 40.3#
84 114.3 69.2 103.8#





#33

1,2-Dichloroethane-d4

Concen: 51.029 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN084128.D

Acq: 24 Sep 2024 12:43

Instrument :

MSVOA_N

ClientSampleId :

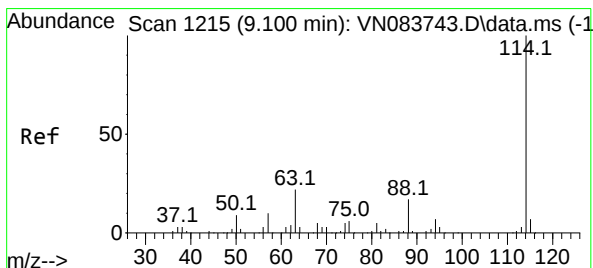
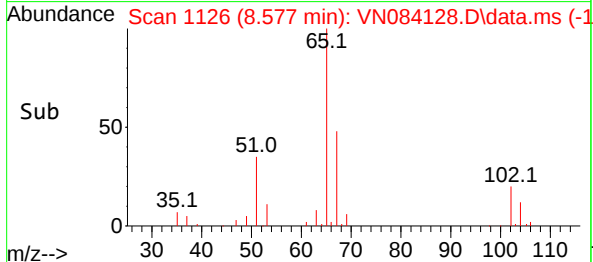
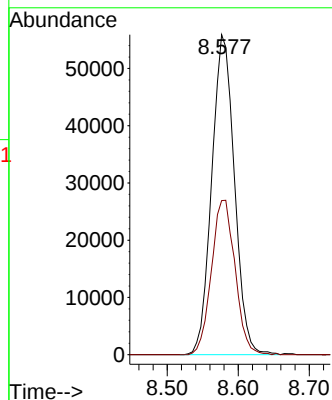
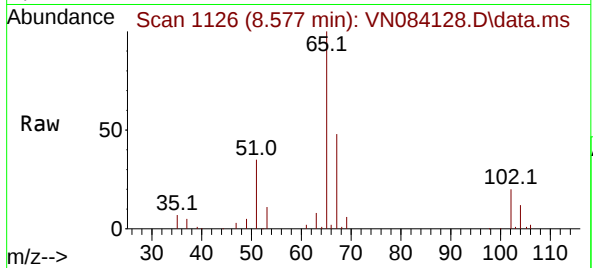
RE123D3-20240916

Tgt Ion: 65 Resp: 124011

Ion Ratio Lower Upper

65 100

67 50.2 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: VN084128.D

Acq: 24 Sep 2024 12:43

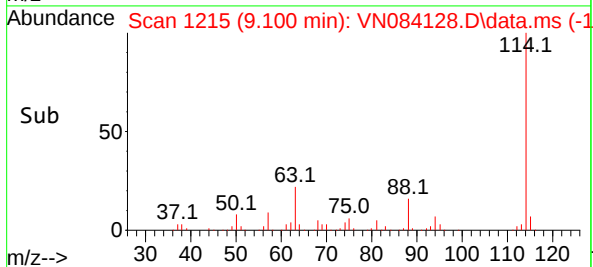
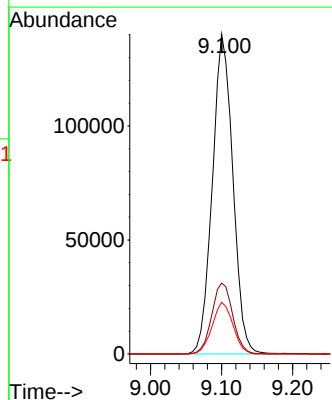
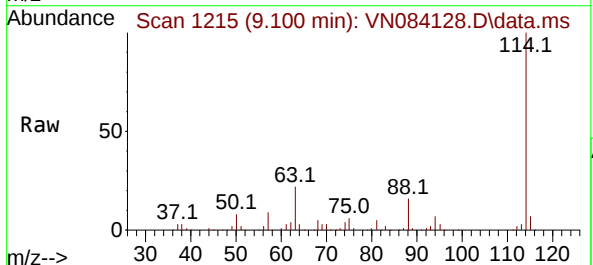
Tgt Ion: 114 Resp: 280979

Ion Ratio Lower Upper

114 100

63 22.1 0.0 43.4

88 16.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.732 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN084128.D

Acq: 24 Sep 2024 12:43

Instrument :

MSVOA_N

ClientSampleId :

RE123D3-20240916

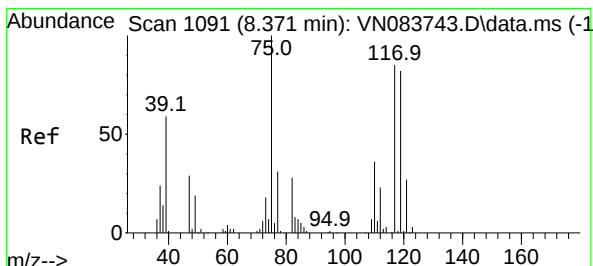
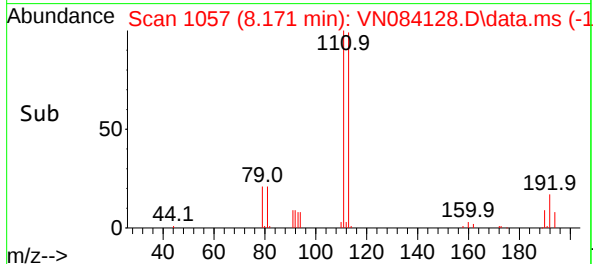
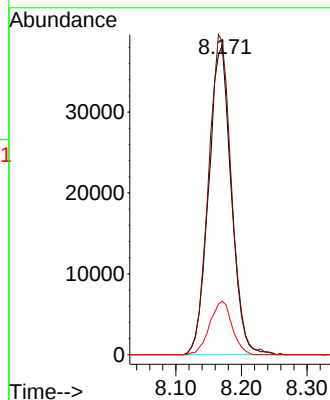
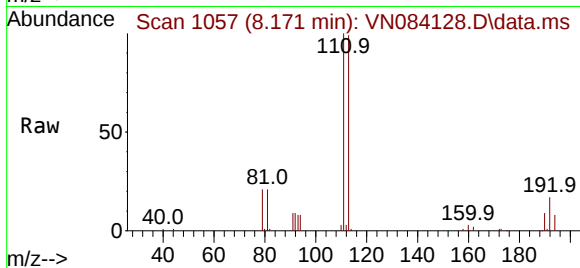
Tgt Ion:113 Resp: 91257

Ion Ratio Lower Upper

113 100

111 105.0 82.6 124.0

192 17.1 14.3 21.5



#36

1,1-Dichloropropene

Concen: 5.496 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN084128.D

Acq: 24 Sep 2024 12:43

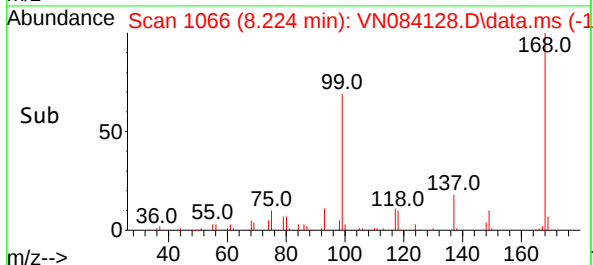
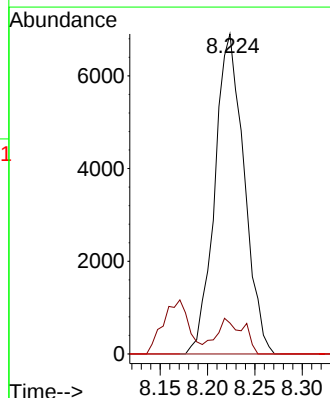
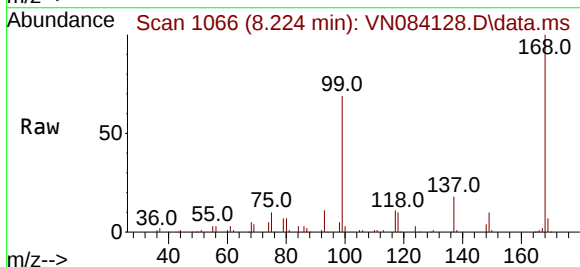
Tgt Ion: 75 Resp: 14881

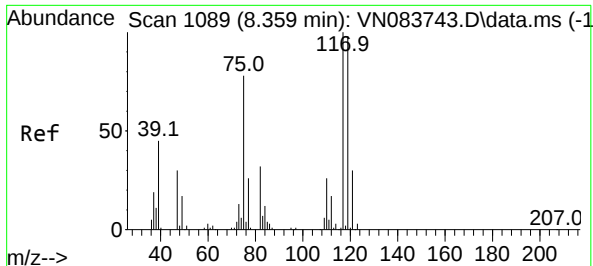
Ion Ratio Lower Upper

75 100

110 10.4 16.7 50.1#

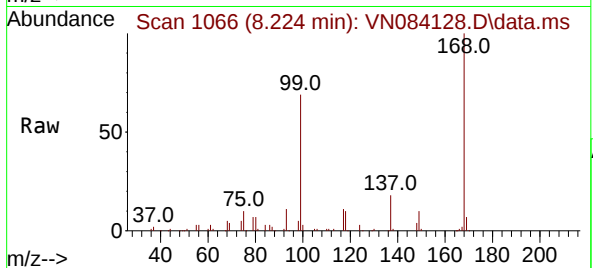
77 0.0 25.2 37.8#



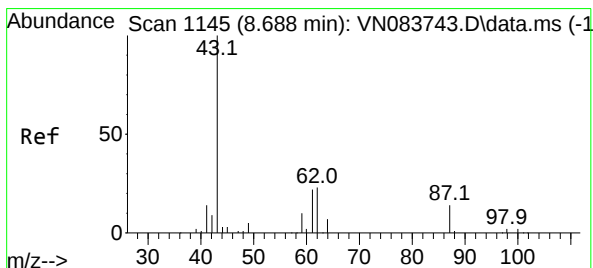
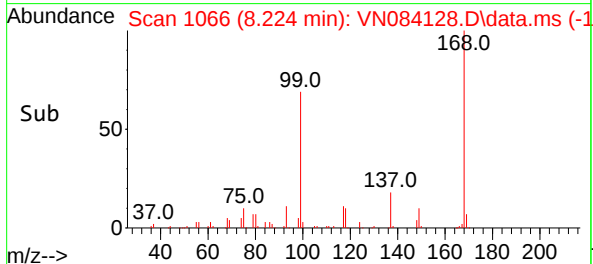
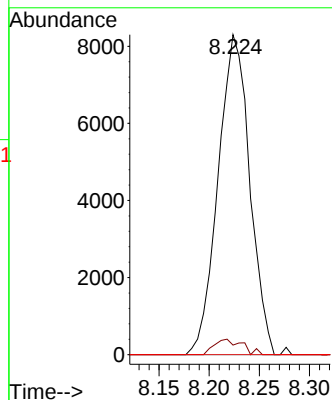


#38
Carbon Tetrachloride
Concen: 5.936 ug/l
RT: 8.224 min Scan# 1106
Delta R.T. -0.135 min
Lab File: VN084128.D
Acq: 24 Sep 2024 12:43

Instrument :
MSVOA_N
ClientSampleId :
RE123D3-20240916

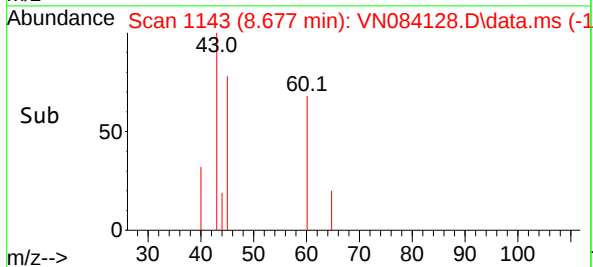
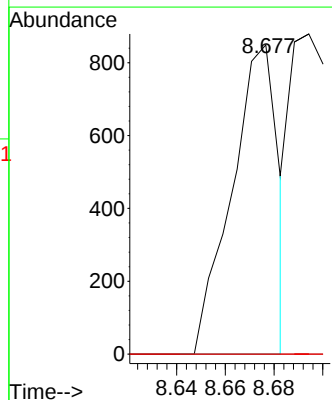
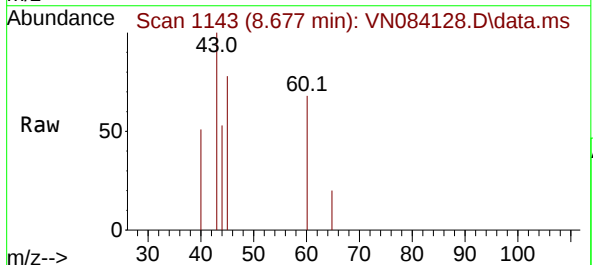


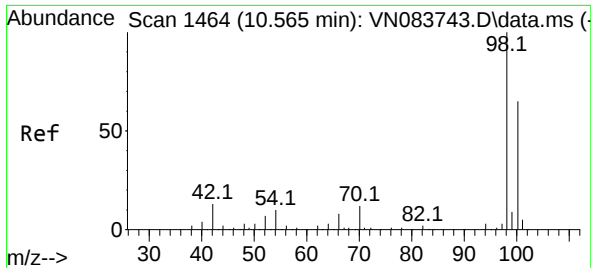
Tgt Ion: 117 Resp: 18233
Ion Ratio Lower Upper
117 100
119 3.0 76.1 114.1#
121 0.0 24.1 36.1#



#43
Isopropyl Acetate
Concen: 0.253 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.012 min
Lab File: VN084128.D
Acq: 24 Sep 2024 12:43

Tgt Ion: 43 Resp: 1125
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#

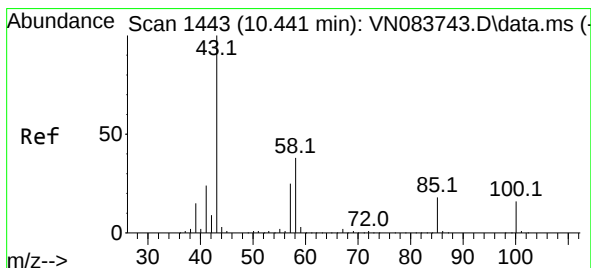
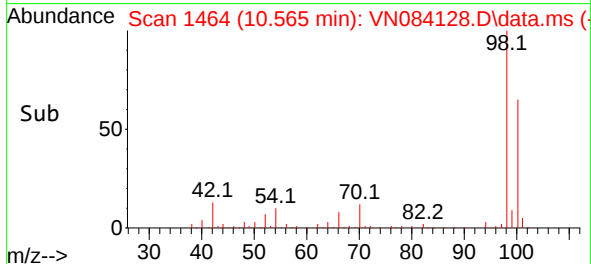
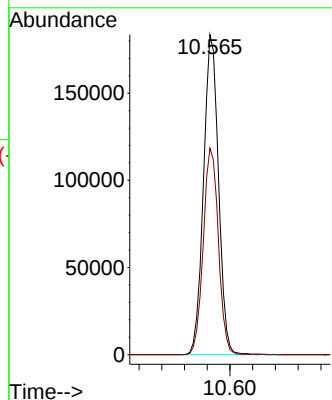
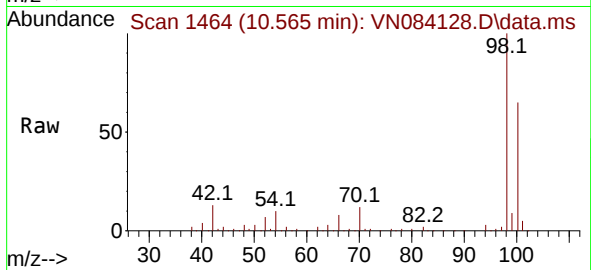




#50
Toluene-d8
Concen: 53.958 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084128.D
Acq: 24 Sep 2024 12:43

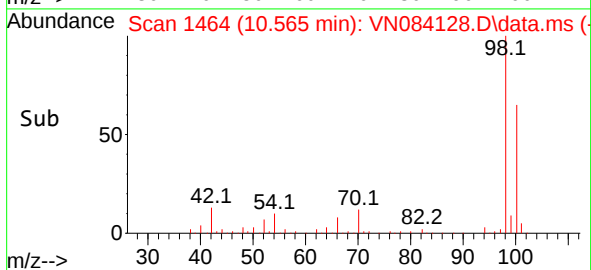
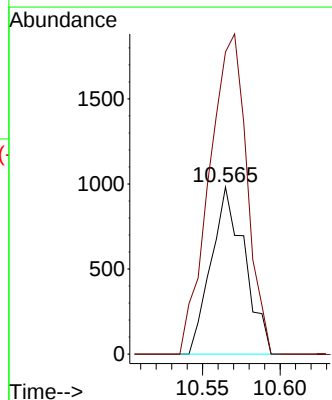
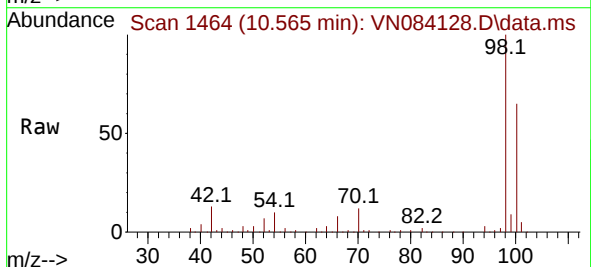
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ClientSampleId :
RE123D3-20240916

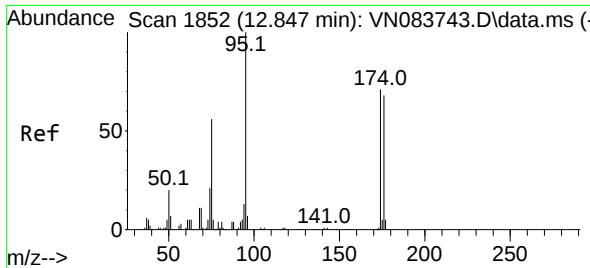
Tgt Ion: 98 Resp: 335538
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.608 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.124 min
Lab File: VN084128.D
Acq: 24 Sep 2024 12:43

Tgt Ion: 43 Resp: 1473
Ion Ratio Lower Upper
43 100
58 215.5 31.6 47.4#

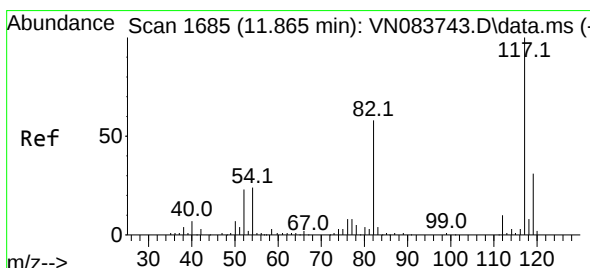
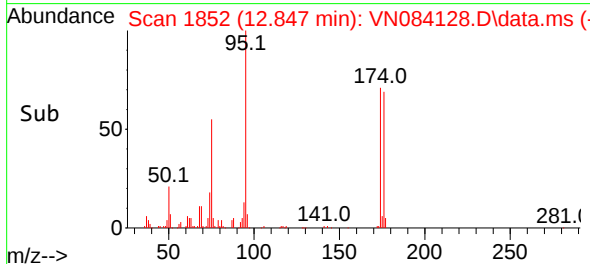
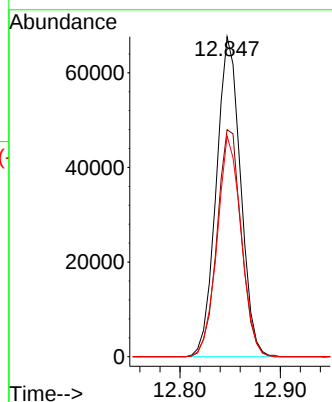
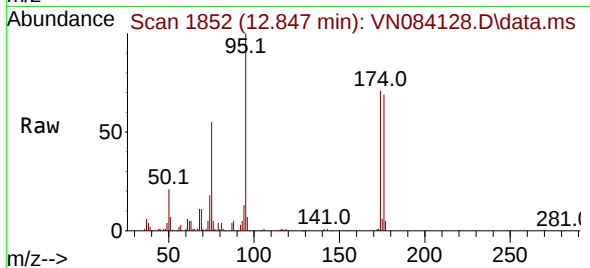




#62
4-Bromofluorobenzene
Concen: 44.050 ug/l
RT: 12.847 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084128.D
Acq: 24 Sep 2024 12:43

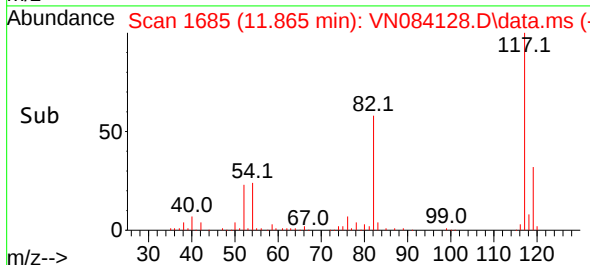
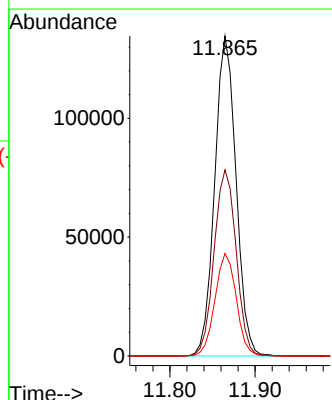
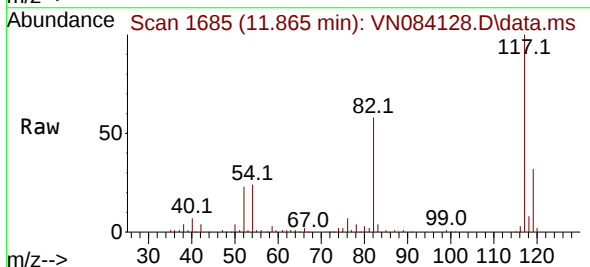
Instrument :
MSVOA_N
ClientSampleId :
RE123D3-20240916

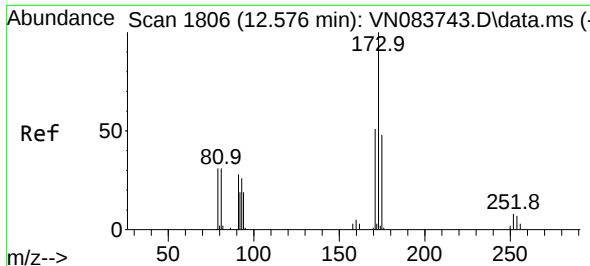
Tgt Ion:	95	Resp:	113016
Ion	Ratio	Lower	Upper
95	100		
174	71.1	0.0	139.8
176	68.7	0.0	131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084128.D
Acq: 24 Sep 2024 12:43

Tgt Ion:	117	Resp:	234274
Ion	Ratio	Lower	Upper
117	100		
82	58.2	47.4	71.0
119	32.1	26.3	39.5

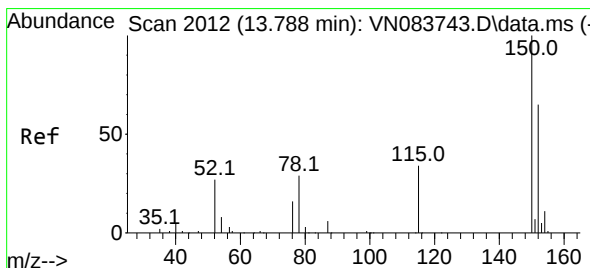
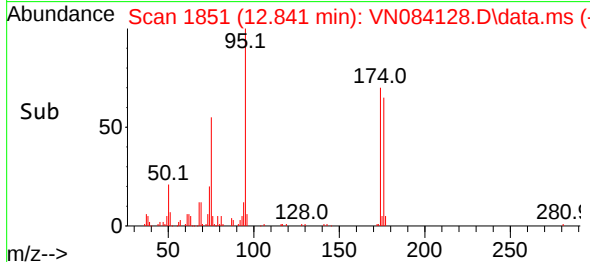
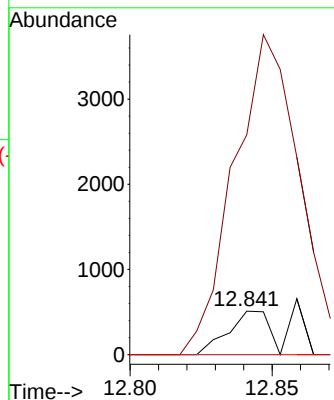
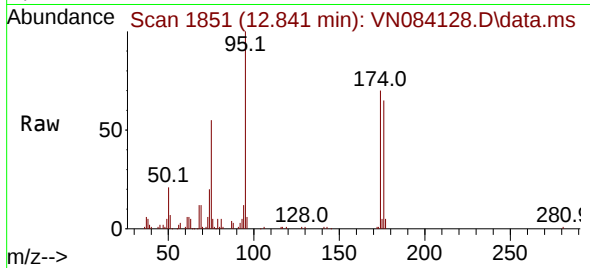




#71
Bromoform
Concen: 0.419 ug/l
RT: 12.841 min Scan# 1806
Delta R.T. 0.265 min
Lab File: VN084128.D
Acq: 24 Sep 2024 12:43

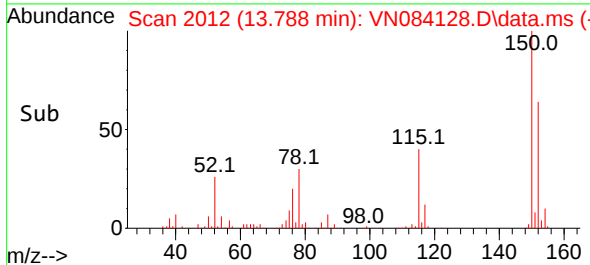
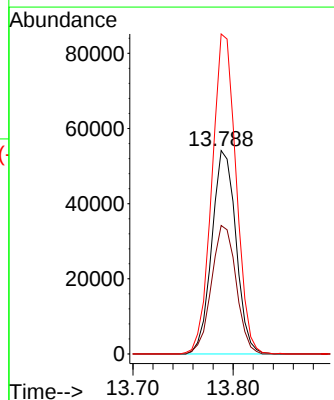
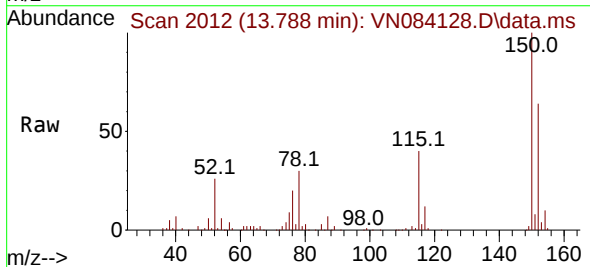
Instrument :
MSVOA_N
ClientSampleId :
RE123D3-20240916

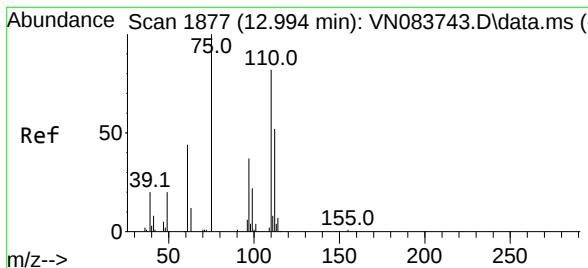
Tgt Ion:173 Resp: 510
Ion Ratio Lower Upper
173 100
175 894.1 24.1 72.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN084128.D
Acq: 24 Sep 2024 12:43

Tgt Ion:152 Resp: 90496
Ion Ratio Lower Upper
152 100
115 64.6 32.2 96.6
150 157.9 0.0 348.6





#76

1,2,3-Trichloropropane

Concen: 33.982 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN084128.D

Acq: 24 Sep 2024 12:43

Instrument :

MSVOA_N

ClientSampleId :

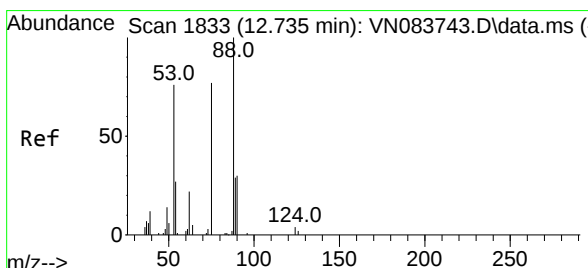
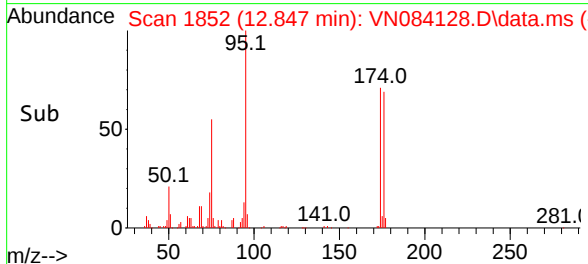
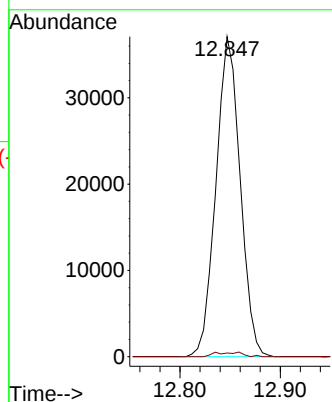
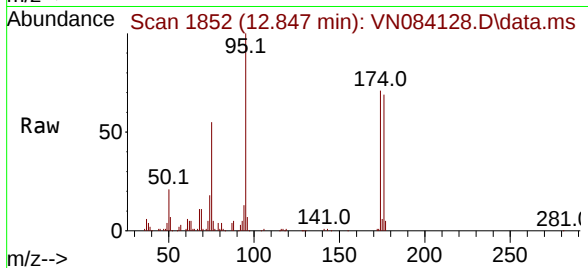
RE123D3-20240916

Tgt Ion: 75 Resp: 62052

Ion Ratio Lower Upper

75 100

77 0.6 95.2 285.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 89.001 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN084128.D

Acq: 24 Sep 2024 12:43

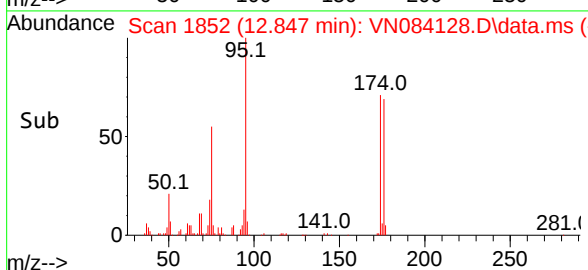
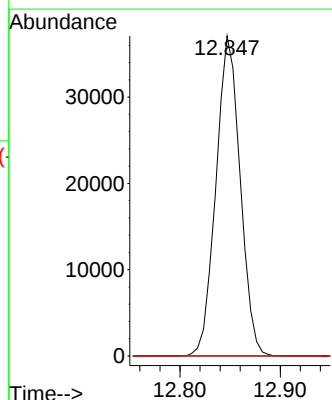
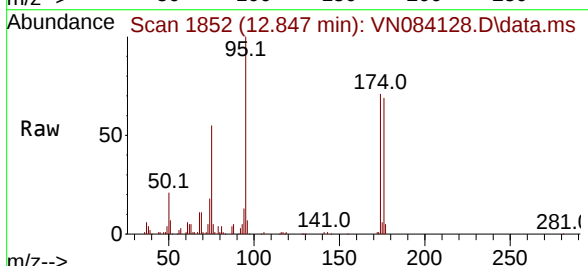
Tgt Ion: 75 Resp: 62052

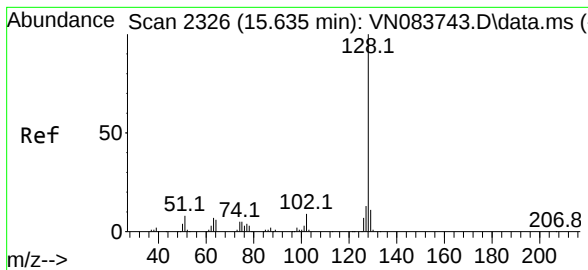
Ion Ratio Lower Upper

75 100

53 0.0 81.2 121.8#

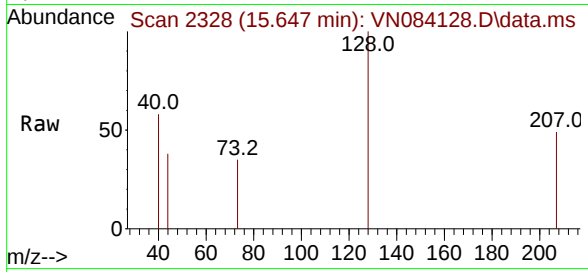
89 0.0 35.7 53.5#





#95
Naphthalene
Concen: 0.230 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.012 min
Lab File: VN084128.D
Acq: 24 Sep 2024 12:43

Instrument :
MSVOA_N
ClientSampleId :
RE123D3-20240916



Tgt Ion:128 Resp: 1154
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.7 13.1#

