

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092324\
 Data File : VN084105.D
 Acq On : 23 Sep 2024 13:05
 Operator : JC\MD
 Sample : P4003-17RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE126D1-20240913

Quant Time: Sep 24 01:31:28 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)

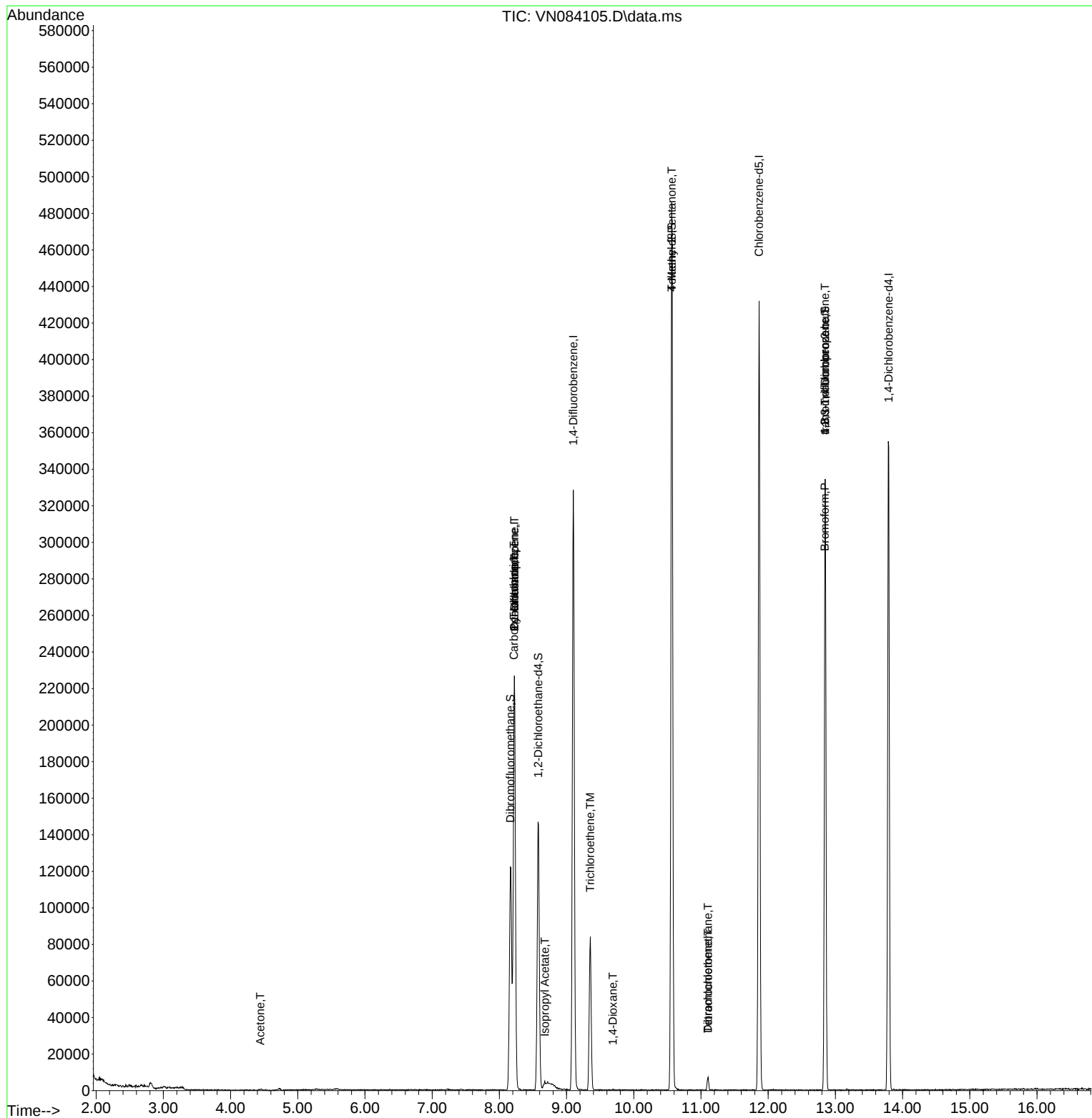
Internal Standards						
1) Pentafluorobenzene	8.224	168	152574	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	274045	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	231383	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	93332	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	120373	52.322	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.640%			
35) Dibromofluoromethane	8.165	113	88448	50.415	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.820%			
50) Toluene-d8	10.565	98	325858	53.727	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.460%			
62) 4-Bromofluorobenzene	12.847	95	112964	45.144	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 90.280%			
Target Compounds						Qvalue
3) Chloromethane	2.365	50	620	Below Cal		89
16) Acetone	4.441	43	974	1.056 ug/l #		45
18) Methyl Acetate	5.024	43	178	Below Cal #		52
31) Cyclohexane	8.224	56	3889	1.170 ug/l #		4
36) 1,1-Dichloropropene	8.224	75	14277	5.407 ug/l #		51
38) Carbon Tetrachloride	8.218	117	17213	5.746 ug/l #		17
43) Isopropyl Acetate	8.677	43	3094	0.712 ug/l #		57
44) Trichloroethene	9.353	130	28493	15.481 ug/l		95
49) 1,4-Dioxane	9.688	88	182	5.369 ug/l #		58
51) 4-Methyl-2-Pentanone	10.565	43	1705	0.721 ug/l #		1
60) Dibromochloromethane	11.106	129	1563	0.770 ug/l #		10
64) Tetrachloroethene	11.106	164	1305	0.848 ug/l #		63
71) Bromoform	12.841	173	477	0.397 ug/l #		1
76) 1,2,3-Trichloropropane	12.847	75	64128	34.052 ug/l #		1
81) trans-1,4-Dichloro-2-b...	12.847	75	64128	89.184 ug/l #		9

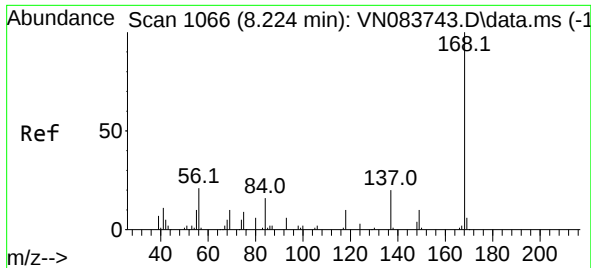
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 24 01:31:28 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

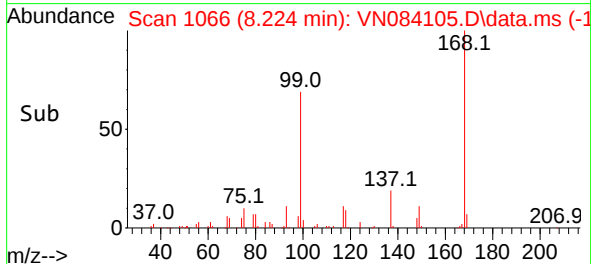
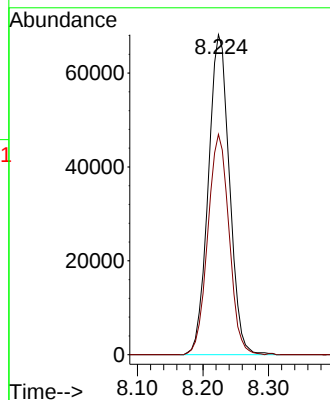
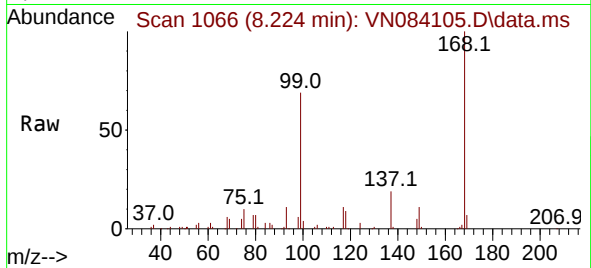




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084105.D
Acq: 23 Sep 2024 13:05

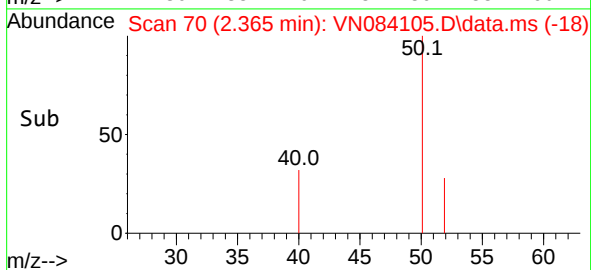
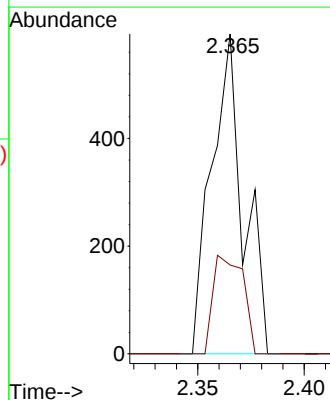
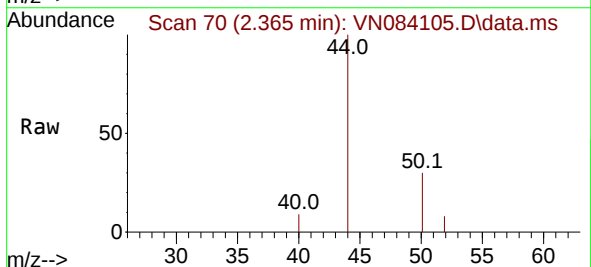
Instrument :
MSVOA_N
ClientSampleId :
RE126D1-20240913

Tgt Ion:168 Resp: 152574
Ion Ratio Lower Upper
168 100
99 68.8 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084105.D
Acq: 23 Sep 2024 13:05

Tgt Ion: 50 Resp: 620
Ion Ratio Lower Upper
50 100
52 27.8 27.2 40.8





#16

Acetone

Concen: 1.056 ug/l

RT: 4.441 min Scan# 41

Delta R.T. 0.012 min

Lab File: VN084105.D

Acq: 23 Sep 2024 13:05

Instrument :

MSVOA_N

ClientSampleId :

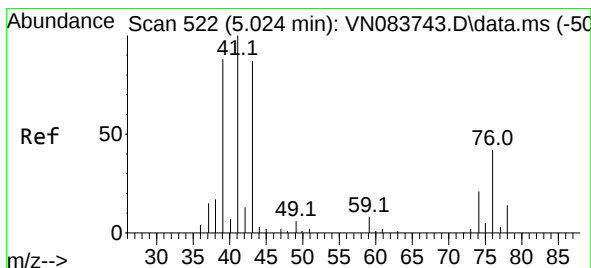
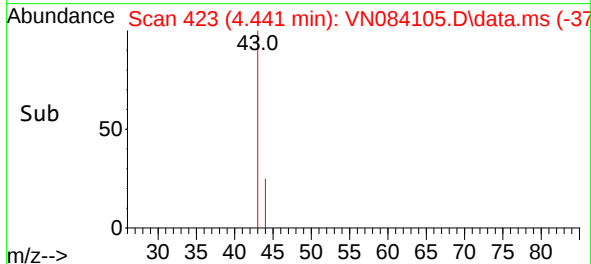
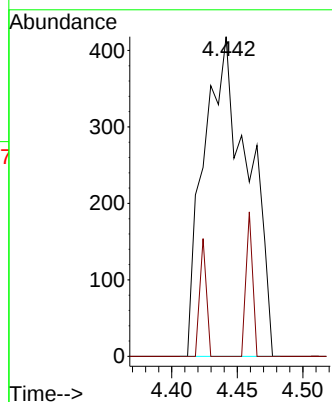
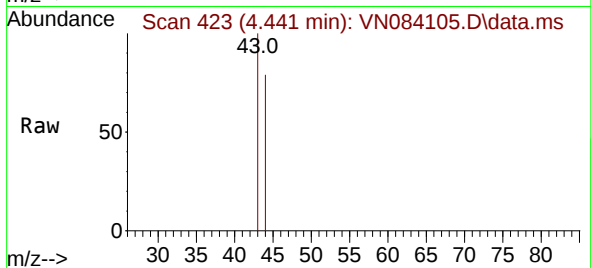
RE126D1-20240913

Tgt Ion: 43 Resp: 974

Ion Ratio Lower Upper

43 100

58 0.0 23.7 35.5#



#18

Methyl Acetate

Concen: Below Cal

RT: 5.024 min Scan# 522

Delta R.T. -0.000 min

Lab File: VN084105.D

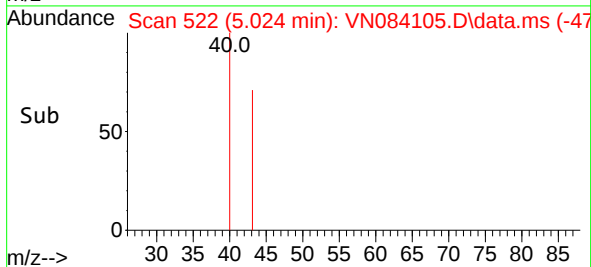
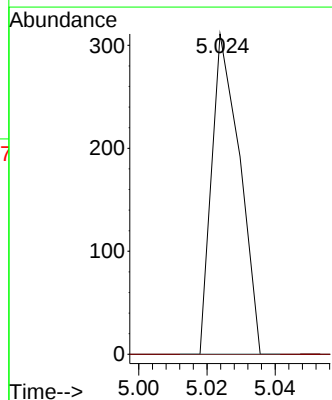
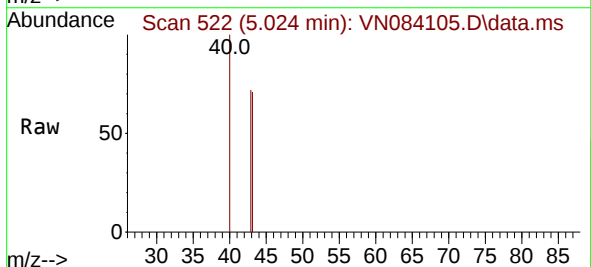
Acq: 23 Sep 2024 13:05

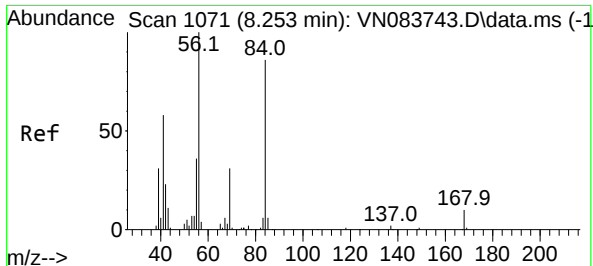
Tgt Ion: 43 Resp: 178

Ion Ratio Lower Upper

43 100

74 0.0 19.0 28.4#

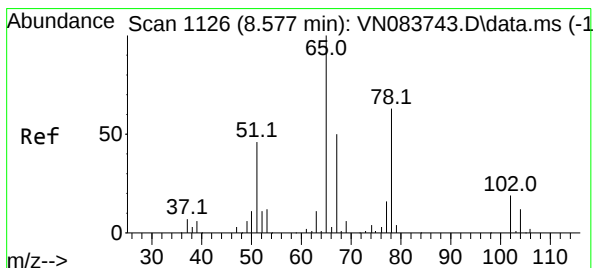
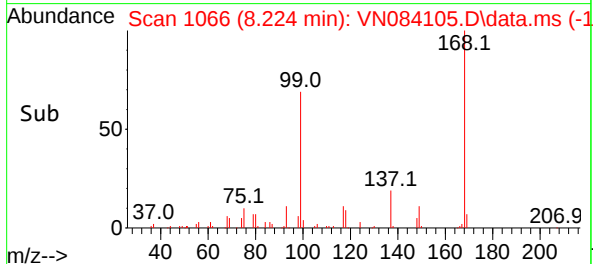
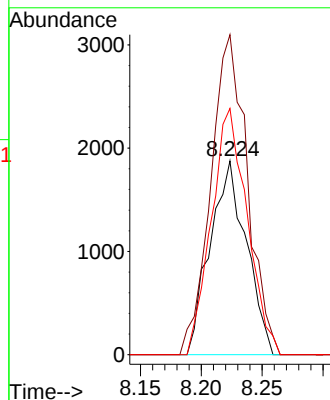
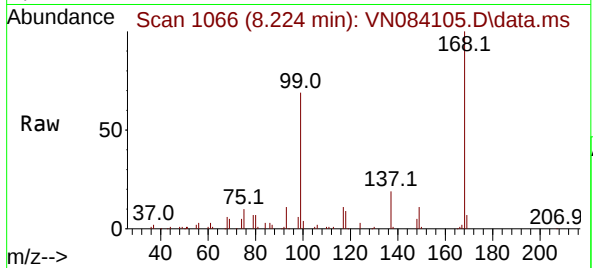




#31
Cyclohexane
Concen: 1.170 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.030 min
Lab File: VN084105.D
Acq: 23 Sep 2024 13:05

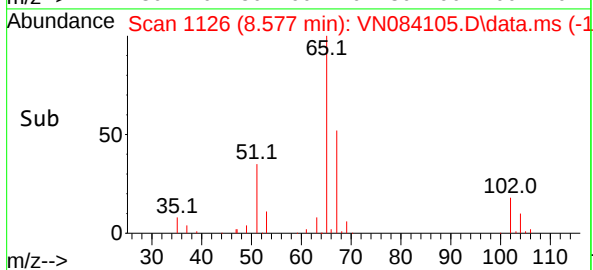
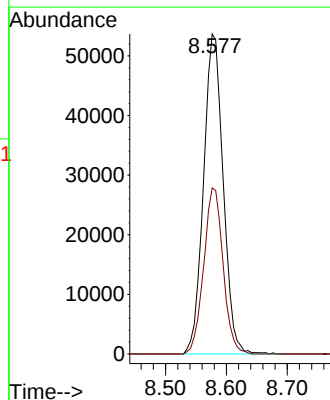
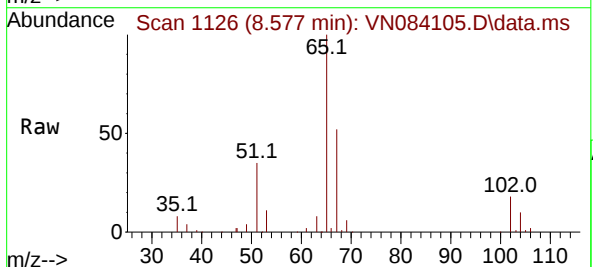
Instrument :
MSVOA_N
ClientSampleId :
RE126D1-20240913

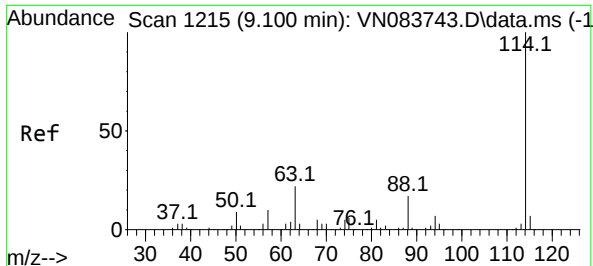
Tgt Ion: 56 Resp: 3889
Ion Ratio Lower Upper
56 100
69 165.2 26.9 40.3#
84 127.1 69.2 103.8#



#33
1,2-Dichloroethane-d4
Concen: 52.322 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084105.D
Acq: 23 Sep 2024 13:05

Tgt Ion: 65 Resp: 120373
Ion Ratio Lower Upper
65 100
67 51.1 0.0 100.8

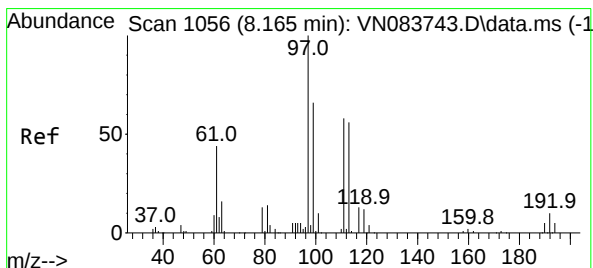
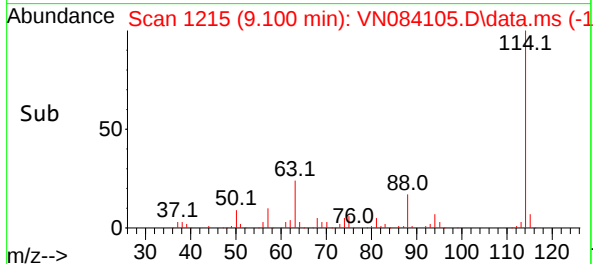
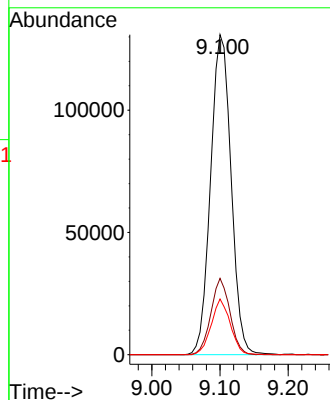
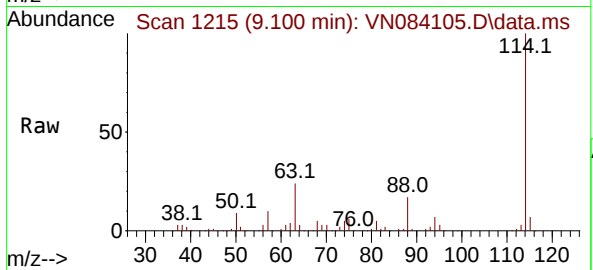




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084105.D
Acq: 23 Sep 2024 13:05

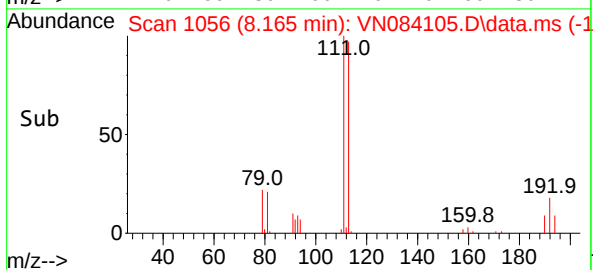
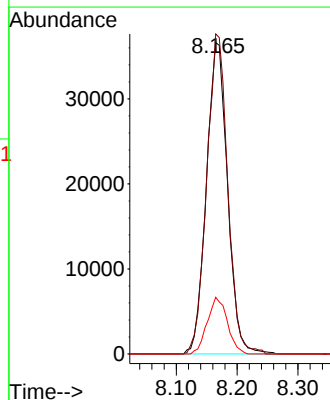
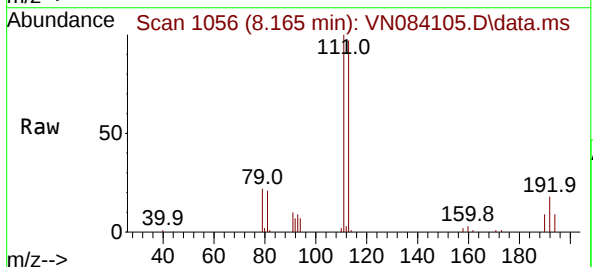
Instrument :
MSVOA_N
ClientSampleId :
RE126D1-20240913

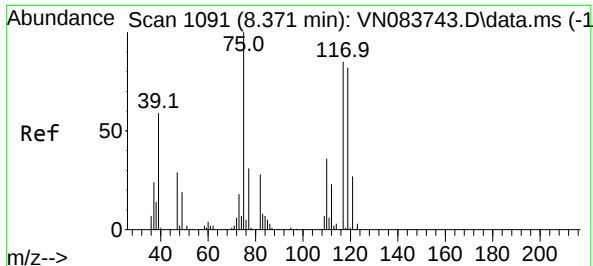
Tgt Ion:114 Resp: 274045
Ion Ratio Lower Upper
114 100
63 23.9 0.0 43.4
88 17.4 0.0 32.6



#35
Dibromofluoromethane
Concen: 50.415 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN084105.D
Acq: 23 Sep 2024 13:05

Tgt Ion:113 Resp: 88448
Ion Ratio Lower Upper
113 100
111 101.7 82.6 124.0
192 17.3 14.3 21.5

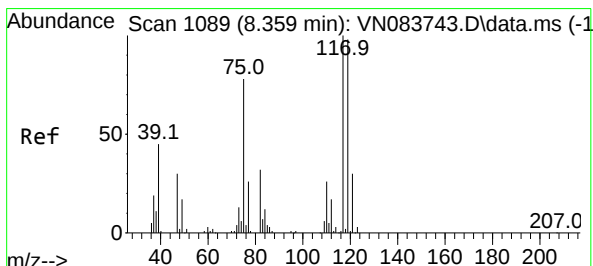
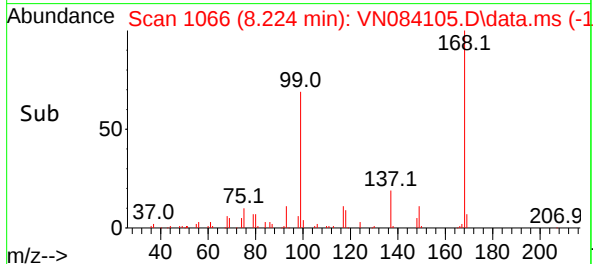
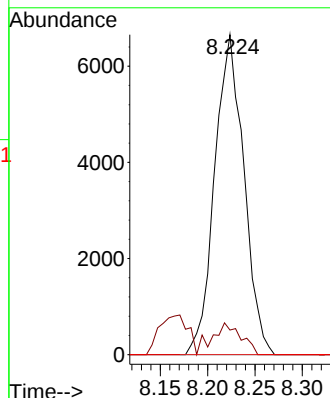
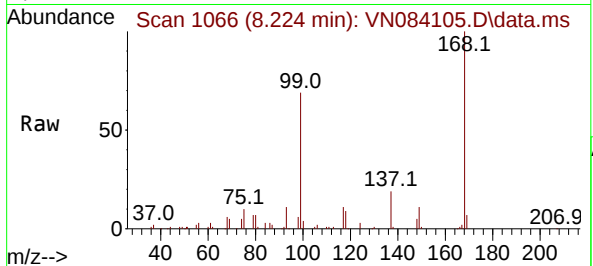




#36
1,1-Dichloropropene
Concen: 5.407 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN084105.D
Acq: 23 Sep 2024 13:05

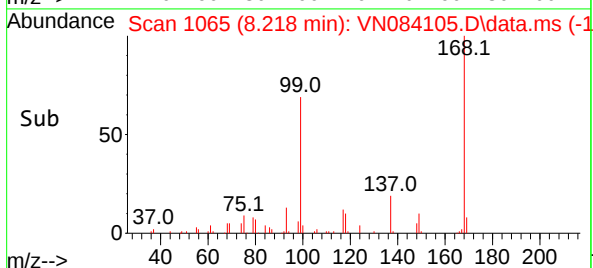
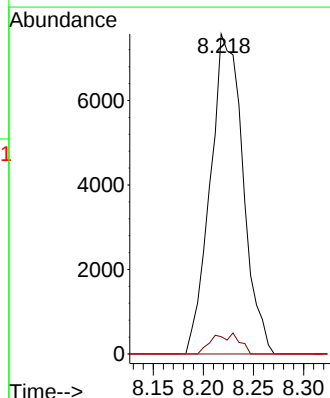
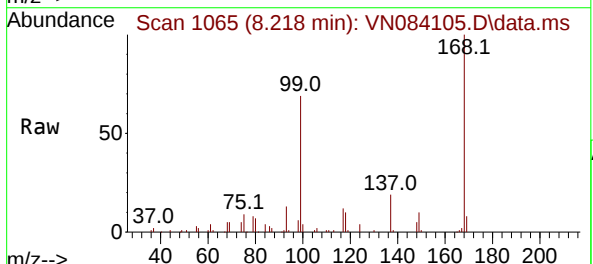
Instrument :
MSVOA_N
ClientSampleId :
RE126D1-20240913

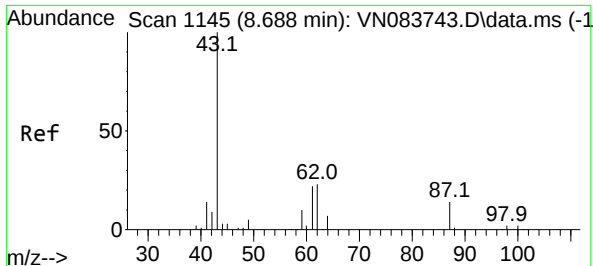
Tgt Ion: 75 Resp: 14277
Ion Ratio Lower Upper
75 100
110 9.8 16.7 50.1#
77 0.0 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 5.746 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN084105.D
Acq: 23 Sep 2024 13:05

Tgt Ion: 117 Resp: 17213
Ion Ratio Lower Upper
117 100
119 5.4 76.1 114.1#
121 0.0 24.1 36.1#





#43

Isopropyl Acetate

Concen: 0.712 ug/l

RT: 8.677 min Scan# 1143

Delta R.T. -0.012 min

Lab File: VN084105.D

Acq: 23 Sep 2024 13:05

Instrument :

MSVOA_N

ClientSampleId :

RE126D1-20240913

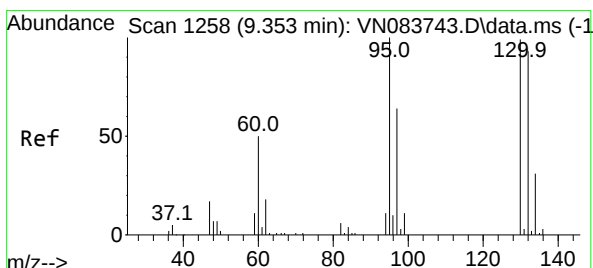
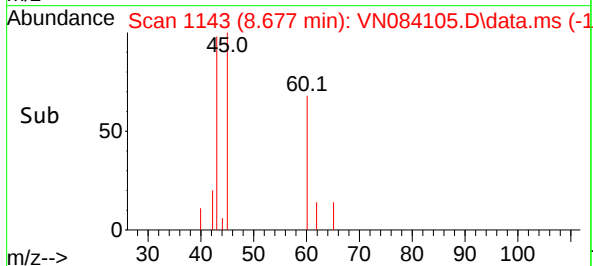
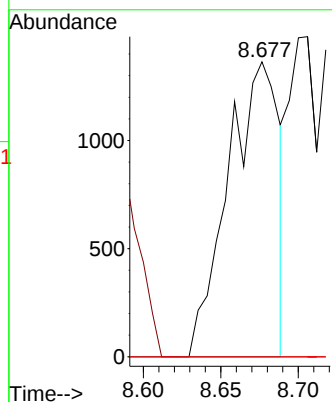
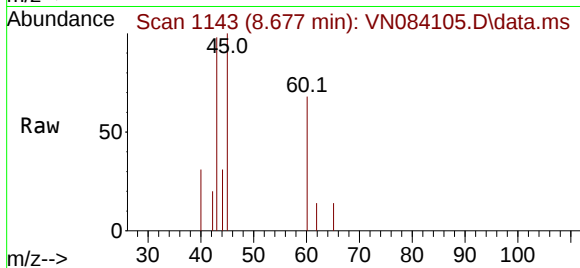
Tgt Ion: 43 Resp: 3094

Ion Ratio Lower Upper

43 100

61 0.0 19.4 29.0#

87 0.0 9.8 14.6#



#44

Trichloroethene

Concen: 15.481 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. -0.000 min

Lab File: VN084105.D

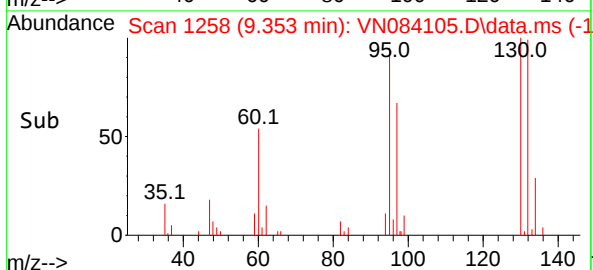
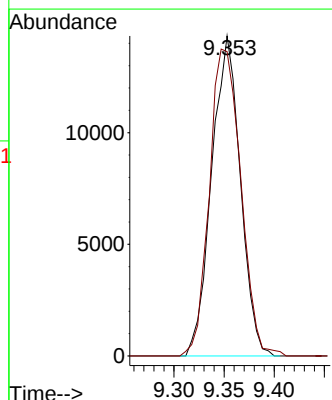
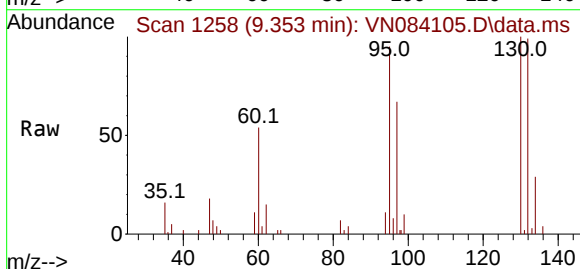
Acq: 23 Sep 2024 13:05

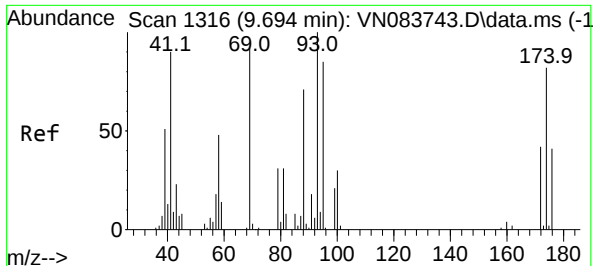
Tgt Ion:130 Resp: 28493

Ion Ratio Lower Upper

130 100

95 95.1 0.0 200.4

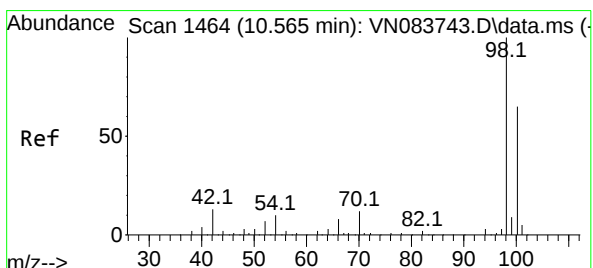
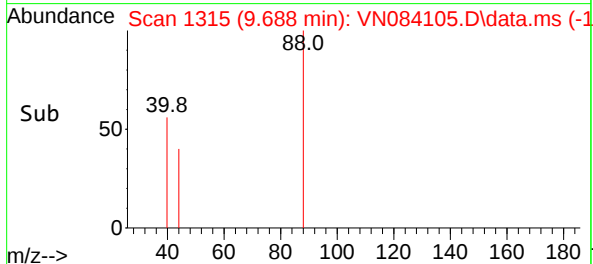
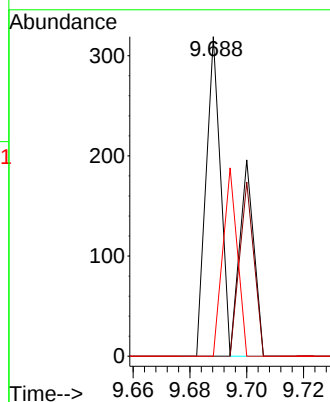
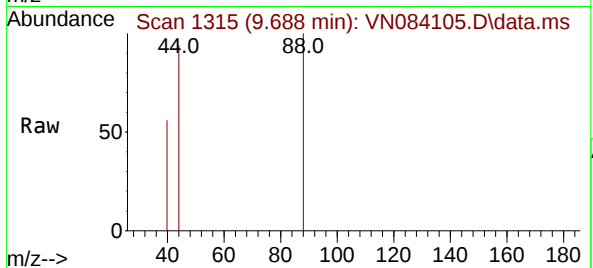




#49
1,4-Dioxane
Concen: 5.369 ug/l
RT: 9.688 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN084105.D
Acq: 23 Sep 2024 13:05

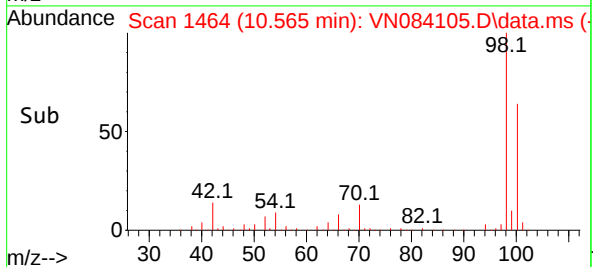
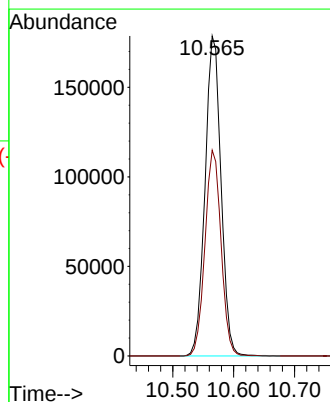
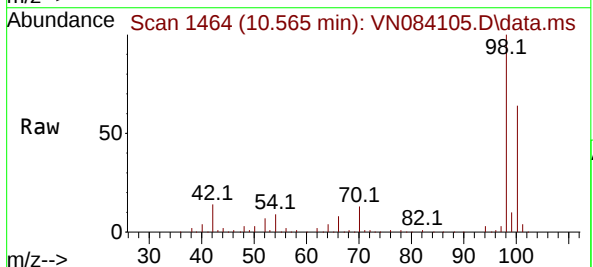
Instrument :
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RE126D1-20240913

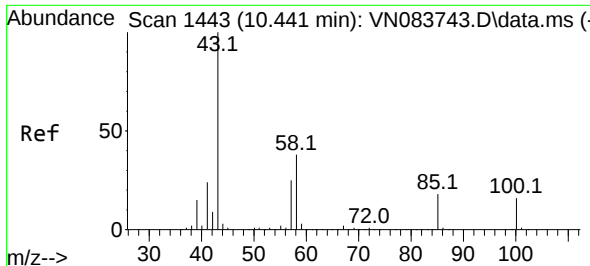
Tgt Ion: 88 Resp: 182
Ion Ratio Lower Upper
88 100
43 33.5 0.0 0.0#
58 36.3 57.1 85.7#



#50
Toluene-d8
Concen: 53.727 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084105.D
Acq: 23 Sep 2024 13:05

Tgt Ion: 98 Resp: 325858
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0

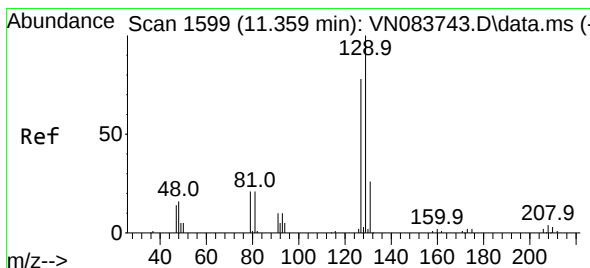
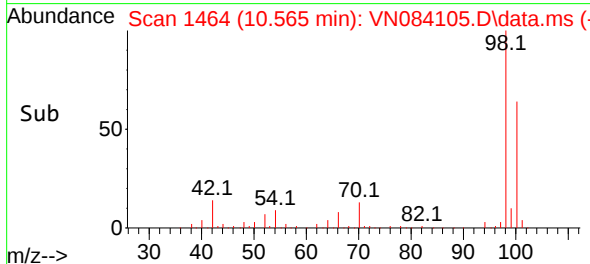
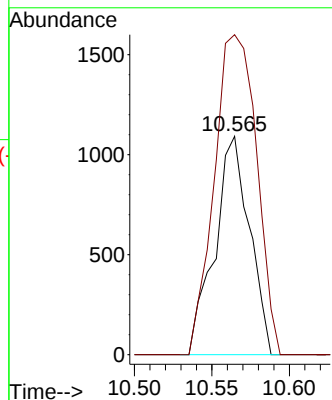
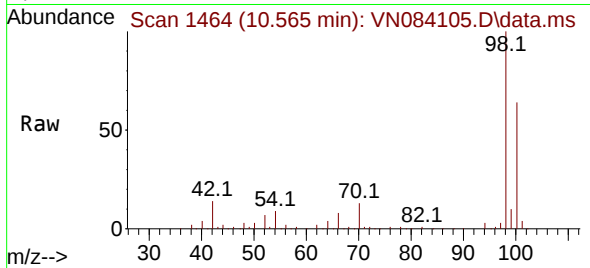




#51
4-Methyl-2-Pentanone
Concen: 0.721 ug/l
RT: 10.565 min Scan# 14
Delta R.T. 0.123 min
Lab File: VN084105.D
Acq: 23 Sep 2024 13:05

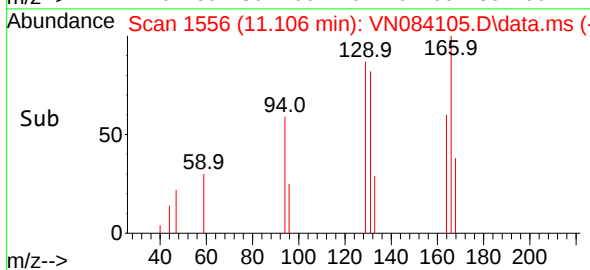
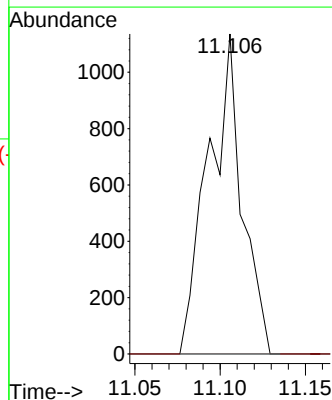
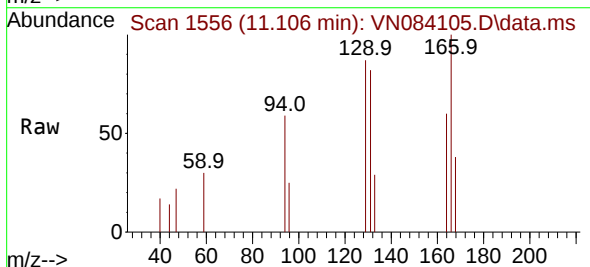
Instrument :
MSVOA_N
ClientSampleId :
RE126D1-20240913

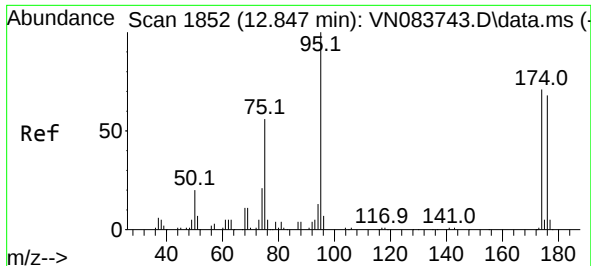
Tgt Ion: 43 Resp: 1705
Ion Ratio Lower Upper
43 100
58 178.5 31.6 47.4#



#60
Dibromochloromethane
Concen: 0.770 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.253 min
Lab File: VN084105.D
Acq: 23 Sep 2024 13:05

Tgt Ion: 129 Resp: 1563
Ion Ratio Lower Upper
129 100
127 0.0 39.0 116.9#

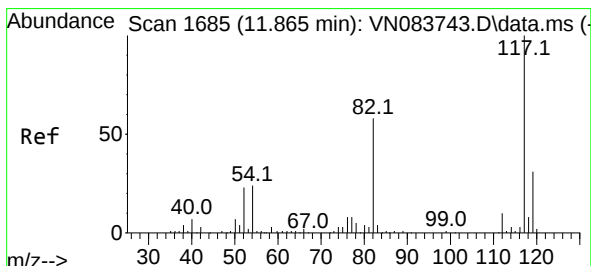
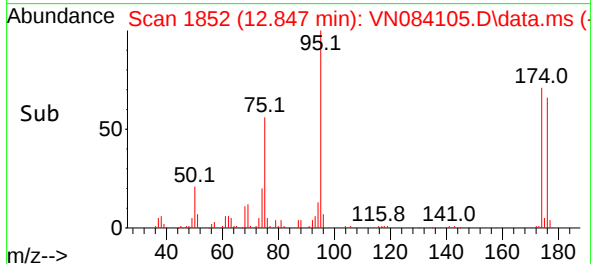
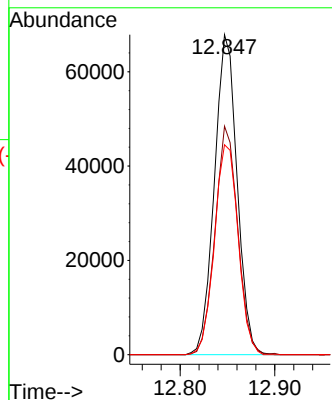
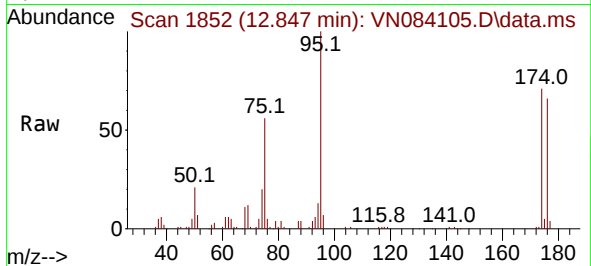




#62
4-Bromofluorobenzene
Concen: 45.144 ug/l
RT: 12.847 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084105.D
Acq: 23 Sep 2024 13:05

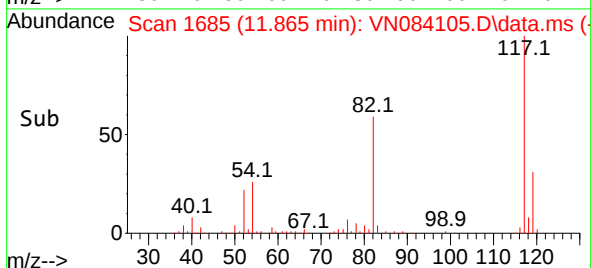
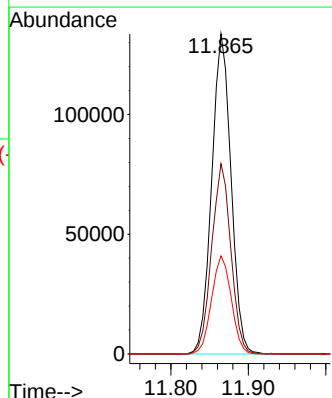
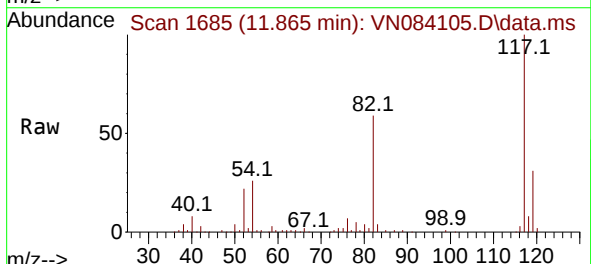
Instrument :
MSVOA_N
ClientSampleId :
RE126D1-20240913

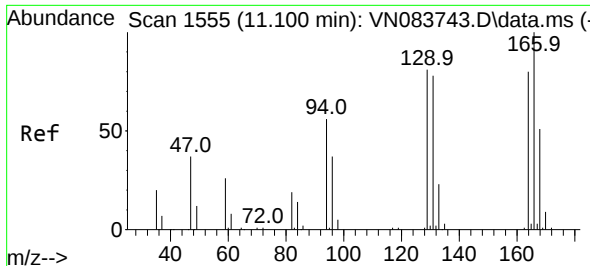
Tgt Ion: 95 Resp: 112964
Ion Ratio Lower Upper
95 100
174 71.7 0.0 139.8
176 68.5 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084105.D
Acq: 23 Sep 2024 13:05

Tgt Ion: 117 Resp: 231383
Ion Ratio Lower Upper
117 100
82 59.4 47.4 71.0
119 30.7 26.3 39.5

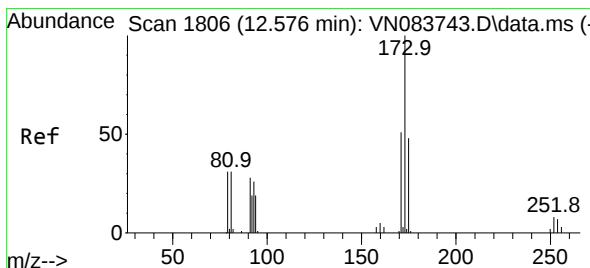
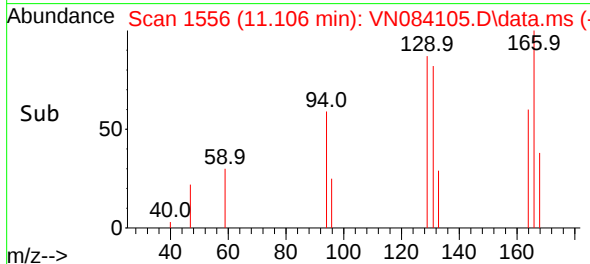
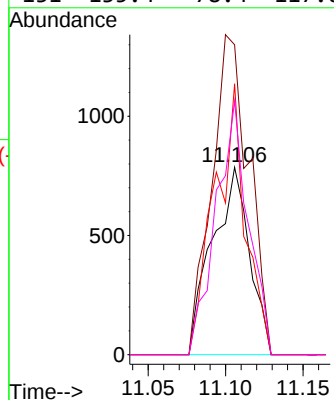
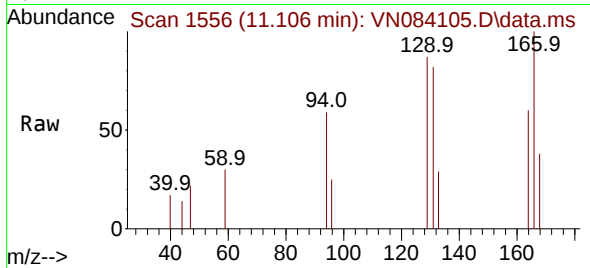




#64
Tetrachloroethene
Concen: 0.848 ug/l
RT: 11.106 min Scan# 11106
Delta R.T. 0.006 min
Lab File: VN084105.D
Acq: 23 Sep 2024 13:05

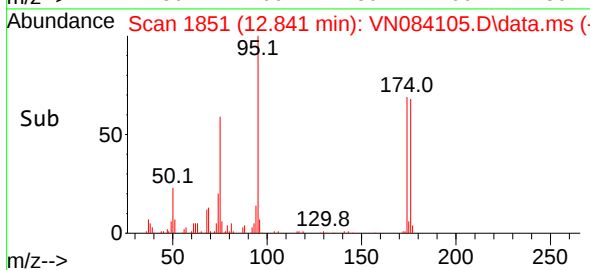
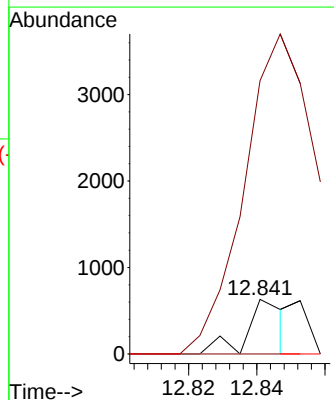
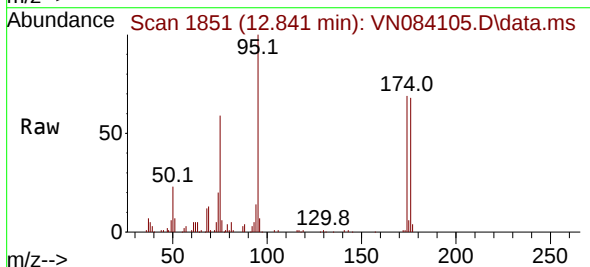
Instrument :
MSVOA_N
ClientSampleId :
RE126D1-20240913

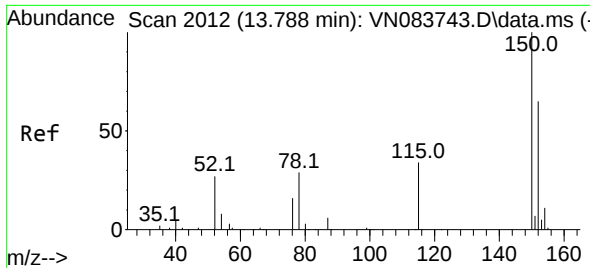
Tgt Ion:164 Resp: 1305
Ion Ratio Lower Upper
164 100
166 165.4 103.7 155.5#
129 144.5 79.9 119.9#
131 135.4 78.4 117.6#



#71
Bromoform
Concen: 0.397 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.265 min
Lab File: VN084105.D
Acq: 23 Sep 2024 13:05

Tgt Ion:173 Resp: 477
Ion Ratio Lower Upper
173 100
175 927.3 24.1 72.2#
254 0.0 0.0 0.0

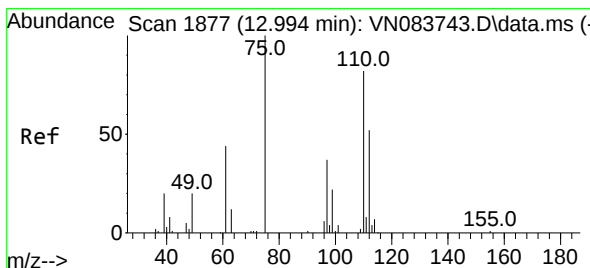
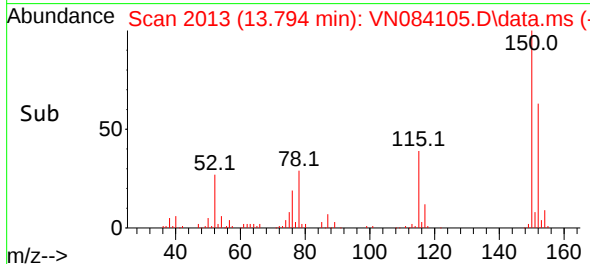
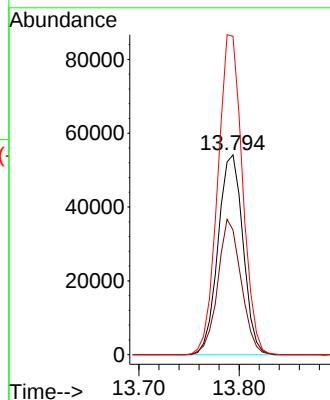
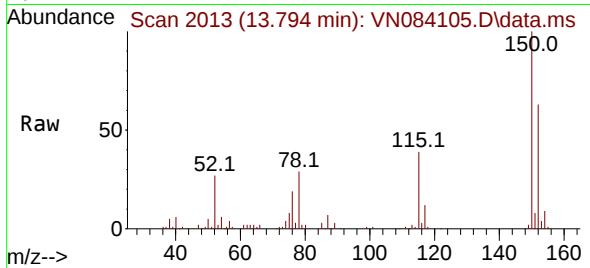




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2012
 Delta R.T. 0.006 min
 Lab File: VN084105.D
 Acq: 23 Sep 2024 13:05

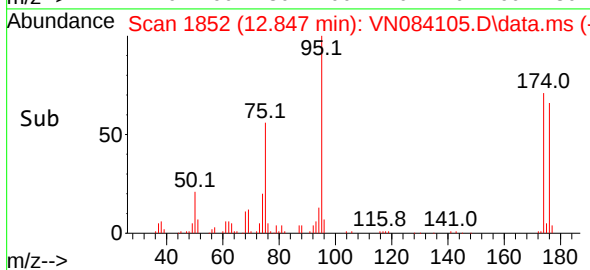
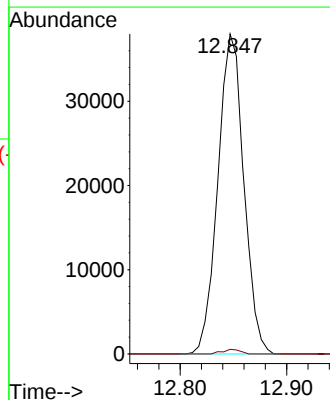
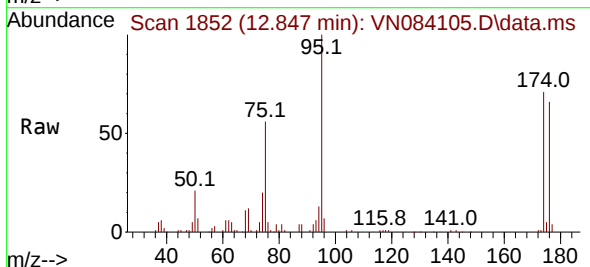
Instrument :
 MSVOA_N
 ClientSampleId :
 RE126D1-20240913

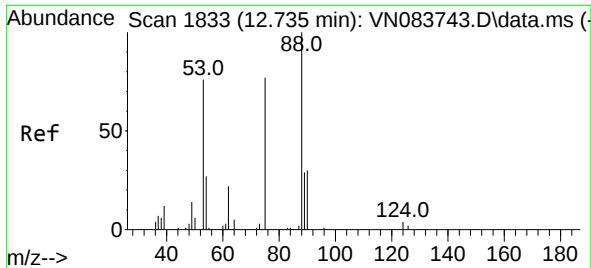
Tgt Ion:152 Resp: 93332
 Ion Ratio Lower Upper
 152 100
 115 63.7 32.2 96.6
 150 158.8 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 34.052 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN084105.D
 Acq: 23 Sep 2024 13:05

Tgt Ion: 75 Resp: 64128
 Ion Ratio Lower Upper
 75 100
 77 1.0 95.2 285.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.184 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN084105.D
 Acq: 23 Sep 2024 13:05

Instrument :
 MSVOA_N
 ClientSampleId :
 RE126D1-20240913

Tgt Ion: 75 Resp: 64128
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.2 121.8#
 89 0.0 35.7 53.5#

