

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091924\
 Data File : VN084047.D
 Acq On : 19 Sep 2024 20:29
 Operator : JC\MD
 Sample : P4003-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE103D2-20240912

Quant Time: Sep 20 01:37:30 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)

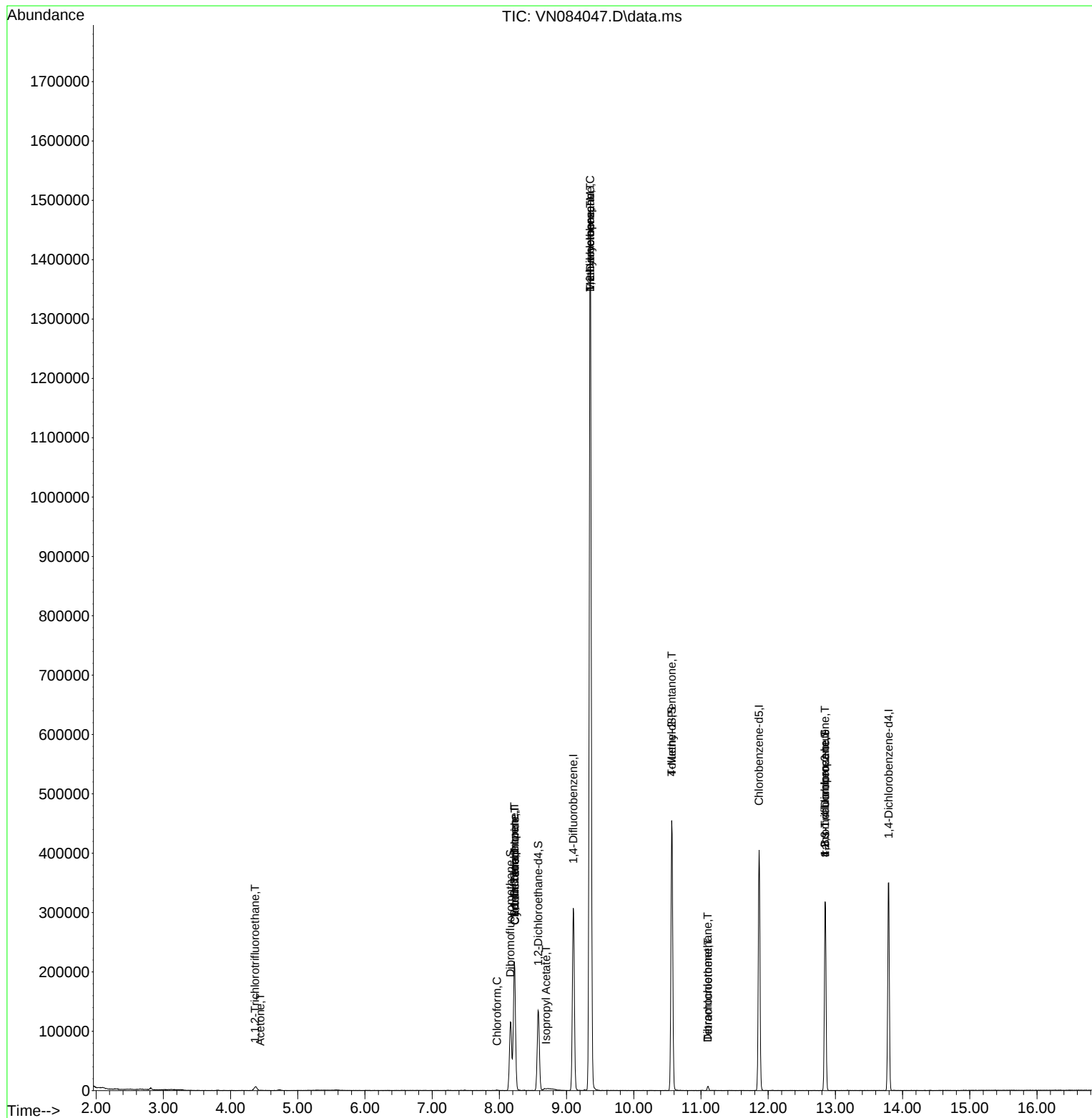
Internal Standards						
1) Pentafluorobenzene	8.224	168	145188	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	254907	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	211681	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	88818	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	116368	53.155	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.300%	
35) Dibromofluoromethane	8.165	113	82194	50.368	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.740%	
50) Toluene-d8	10.565	98	306749	54.374	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.740%	
62) 4-Bromofluorobenzene	12.847	95	109787	47.169	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 94.340%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	205	Below Cal	#	41
9) 1,1,2-Trichlorotrifluo...	4.365	101	5129	3.085	ug/l #	59
16) Acetone	4.442	43	552	0.629	ug/l #	45
18) Methyl Acetate	5.036	43	61	Below Cal	#	52
30) Chloroform	7.965	83	870	0.247	ug/l #	72
31) Cyclohexane	8.230	56	3879	1.226	ug/l #	29
36) 1,1-Dichloropropene	8.224	75	13800	5.618	ug/l #	50
38) Carbon Tetrachloride	8.230	117	16752	6.012	ug/l #	16
39) Methylcyclohexane	9.353	83	6870	2.457	ug/l #	1
43) Isopropyl Acetate	8.694	43	2804	0.694	ug/l #	57
44) Trichloroethene	9.353	130	509414	297.555	ug/l	95
45) 1,2-Dichloropropane	9.353	63	1863	1.043	ug/l #	1
51) 4-Methyl-2-Pentanone	10.565	43	1491	0.678	ug/l #	1
60) Dibromochloromethane	11.100	129	1603	0.848	ug/l #	10
64) Tetrachloroethene	11.106	164	1774	1.260	ug/l #	70
76) 1,2,3-Trichloropropane	12.847	75	62327	34.777	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	62327	91.084	ug/l #	9

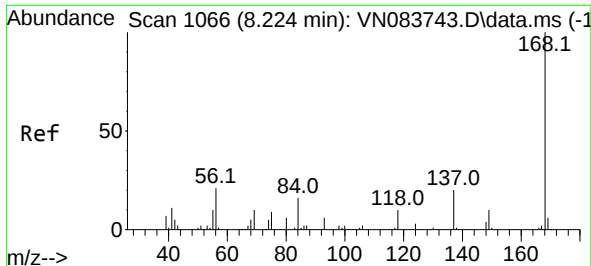
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

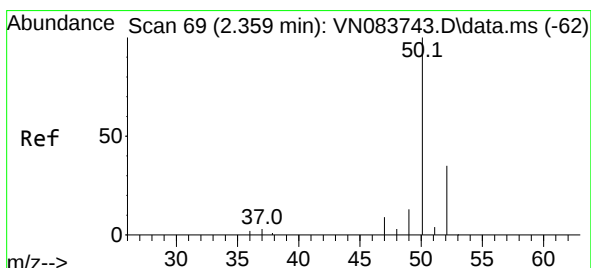
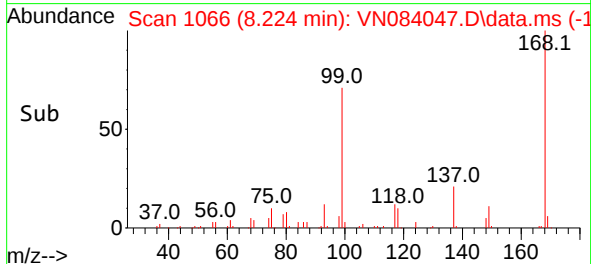
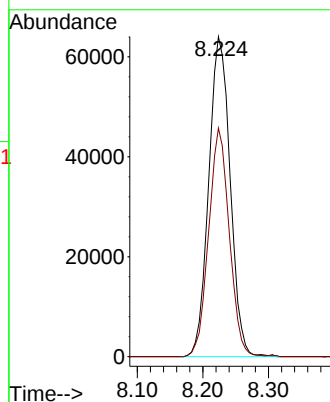
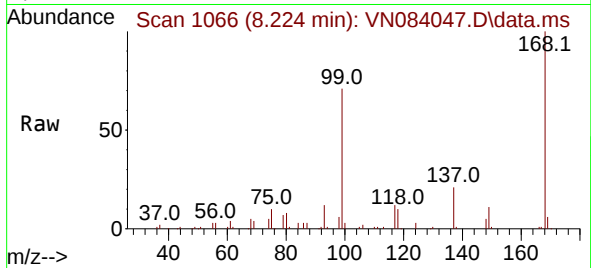




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084047.D
Acq: 19 Sep 2024 20:29

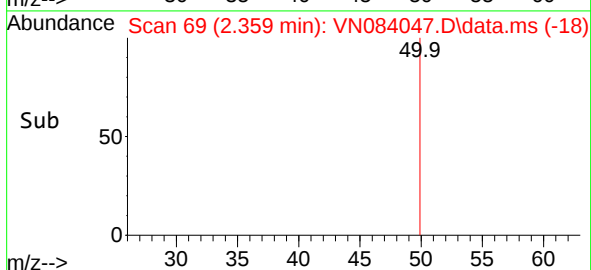
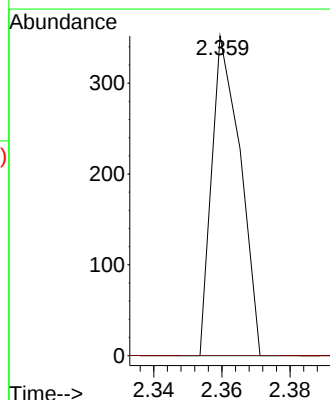
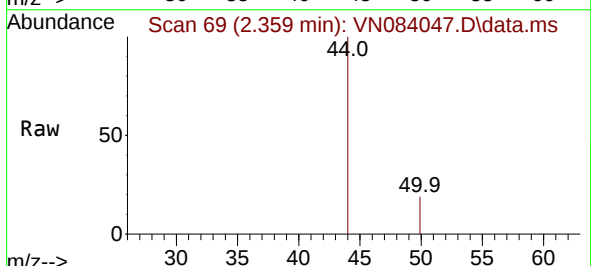
Instrument :
MSVOA_N
ClientSampleId :
RE103D2-20240912

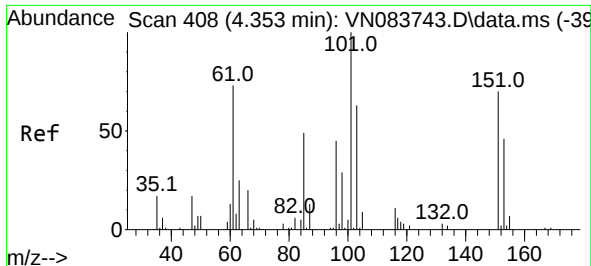
Tgt Ion:168 Resp: 145188
Ion Ratio Lower Upper
168 100
99 71.4 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084047.D
Acq: 19 Sep 2024 20:29

Tgt Ion: 50 Resp: 205
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#

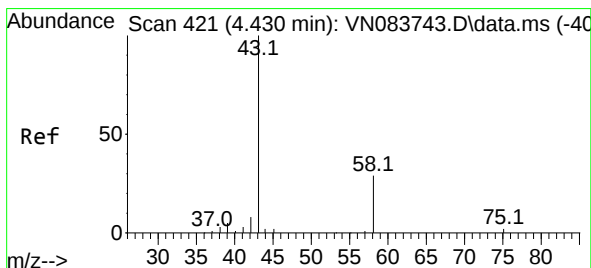
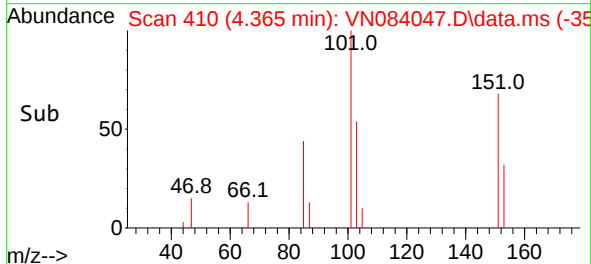
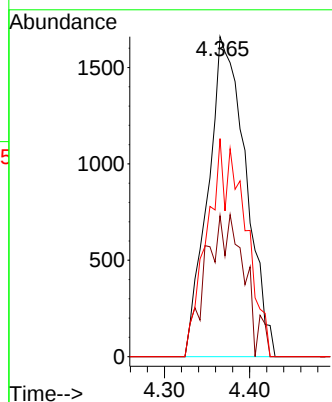
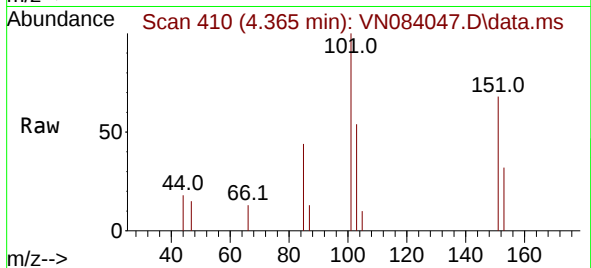




#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.085 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.012 min
Lab File: VN084047.D
Acq: 19 Sep 2024 20:29

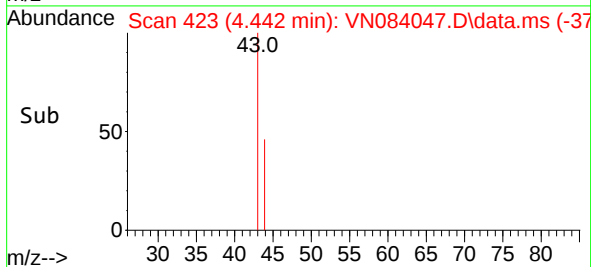
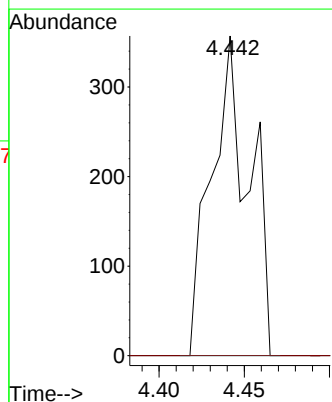
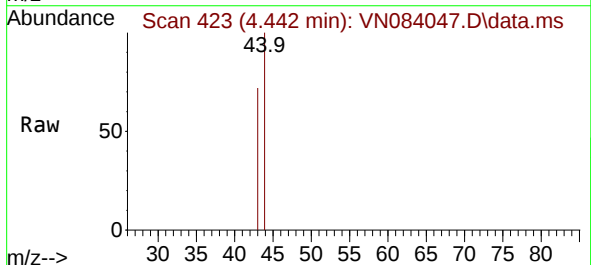
Instrument :
MSVOA_N
ClientSampleId :
RE103D2-20240912

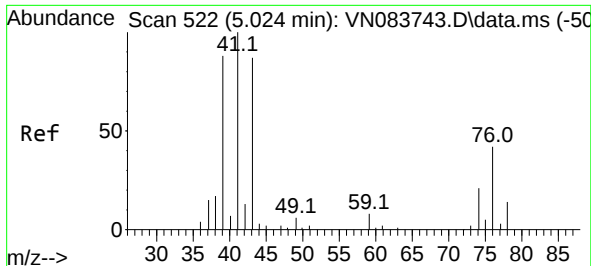
Tgt Ion:101 Resp: 5129
Ion Ratio Lower Upper
101 100
85 24.1 36.2 54.4#
151 33.9 57.7 86.5#



#16
Acetone
Concen: 0.629 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN084047.D
Acq: 19 Sep 2024 20:29

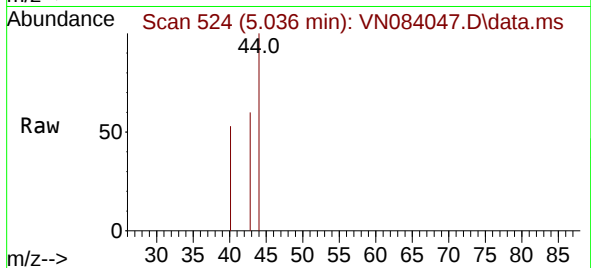
Tgt Ion: 43 Resp: 552
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#



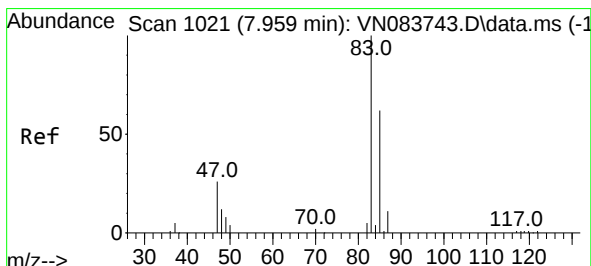
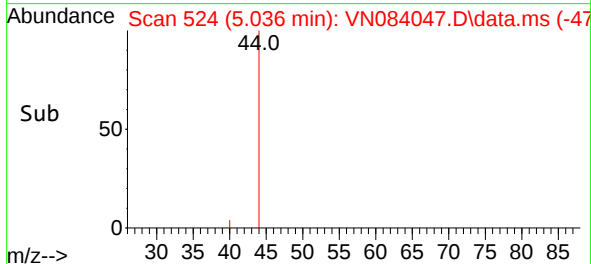
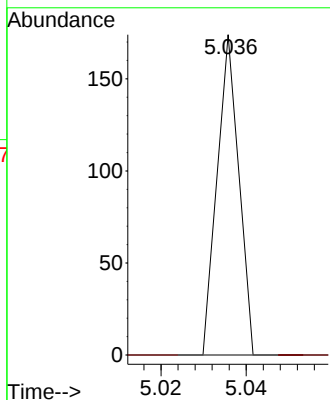


#18
Methyl Acetate
Concen: Below Cal
RT: 5.036 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN084047.D
Acq: 19 Sep 2024 20:29

Instrument :
MSVOA_N
ClientSampleId :
RE103D2-20240912

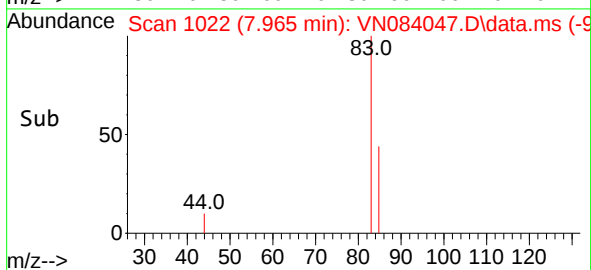
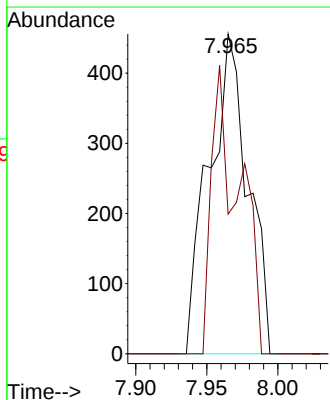
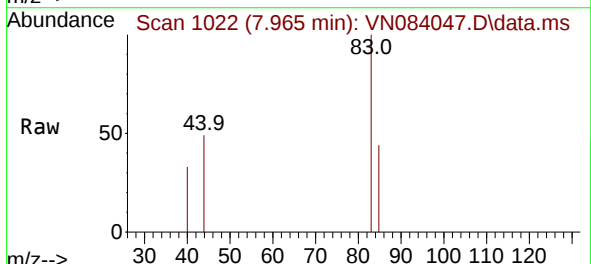


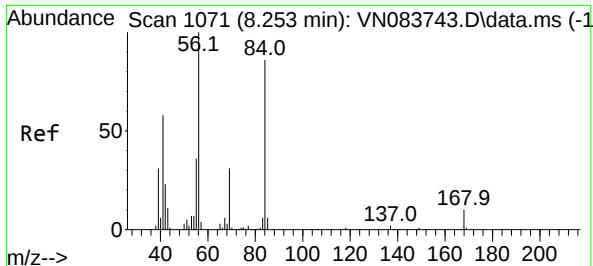
Tgt Ion: 43 Resp: 61
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#



#30
Chloroform
Concen: 0.247 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN084047.D
Acq: 19 Sep 2024 20:29

Tgt Ion: 83 Resp: 870
Ion Ratio Lower Upper
83 100
85 43.6 52.8 79.2#





#31

Cyclohexane

Concen: 1.226 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.023 min

Lab File: VN084047.D

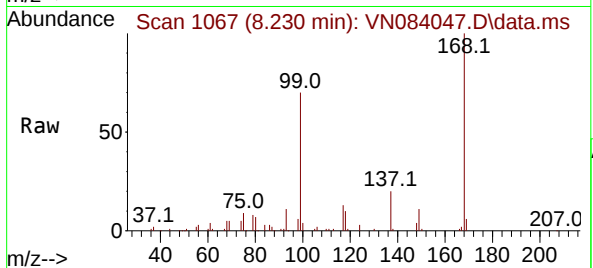
Acq: 19 Sep 2024 20:29

Instrument :

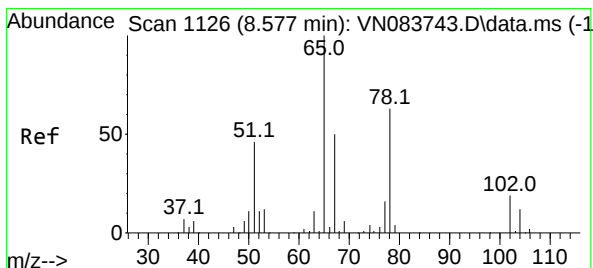
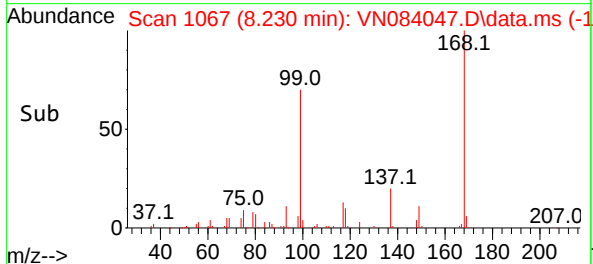
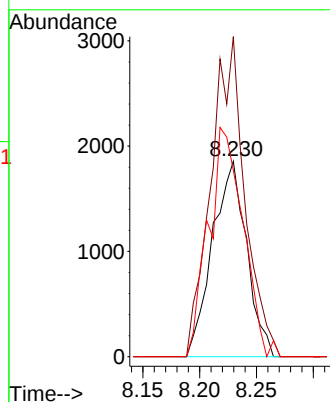
MSVOA_N

ClientSampleId :

RE103D2-20240912



Tgt Ion:	56	Resp:	3879
Ion	Ratio	Lower	Upper
56	100		
69	163.8	26.9	40.3
84	95.5	69.2	103.8



#33

1,2-Dichloroethane-d4

Concen: 53.155 ug/l

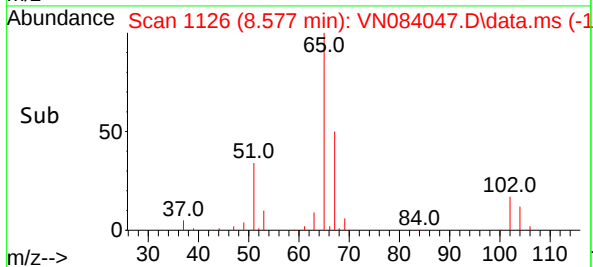
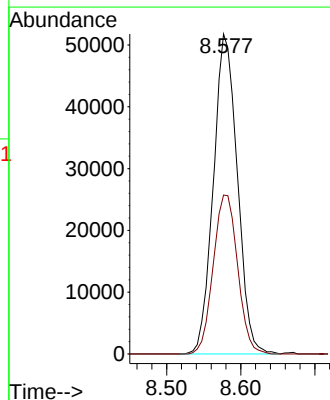
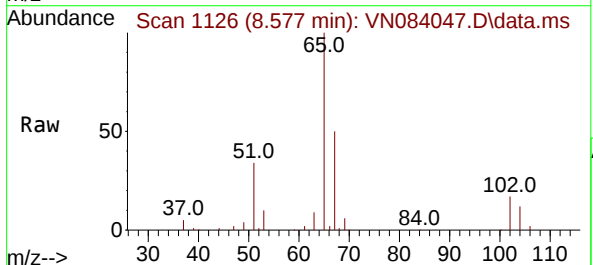
RT: 8.577 min Scan# 1126

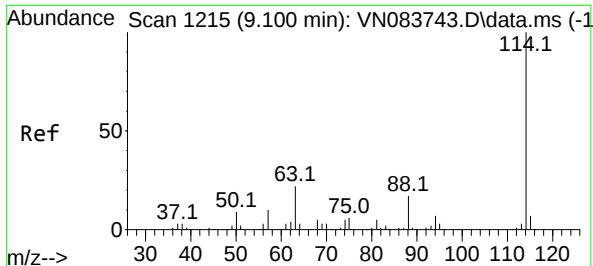
Delta R.T. 0.000 min

Lab File: VN084047.D

Acq: 19 Sep 2024 20:29

Tgt Ion:	65	Resp:	116368
Ion	Ratio	Lower	Upper
65	100		
67	50.5	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: VN084047.D

Acq: 19 Sep 2024 20:29

Instrument :

MSVOA_N

ClientSampleId :

RE103D2-20240912

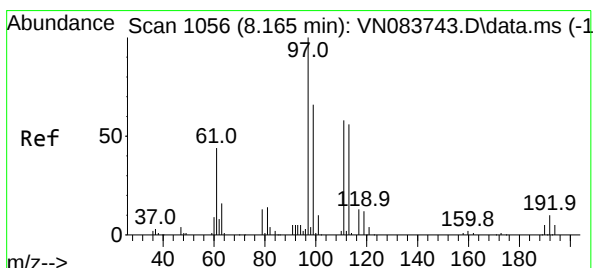
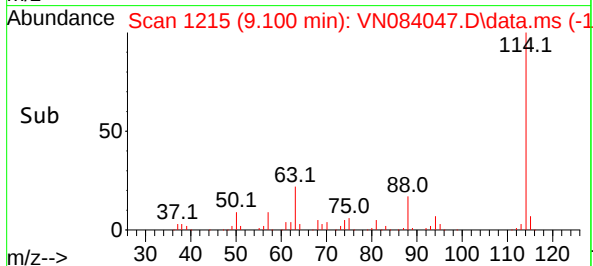
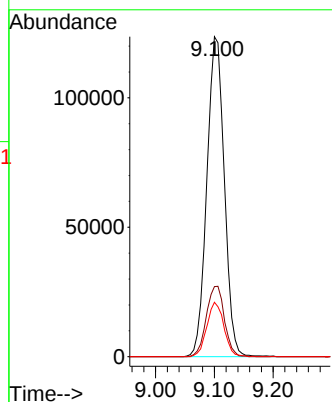
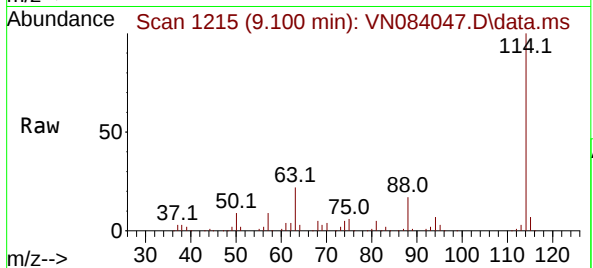
Tgt Ion:114 Resp: 254907

Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.4

88 17.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.368 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084047.D

Acq: 19 Sep 2024 20:29

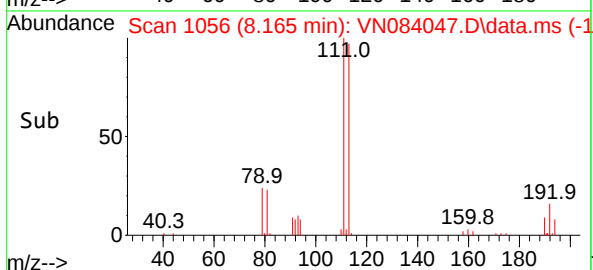
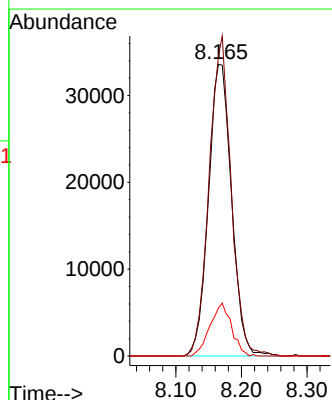
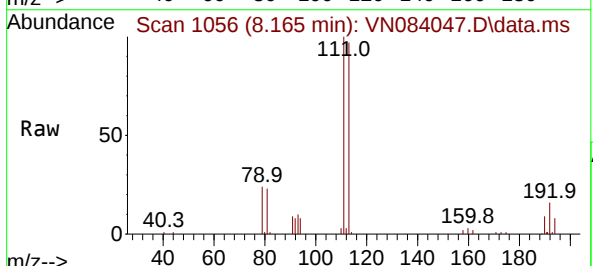
Tgt Ion:113 Resp: 82194

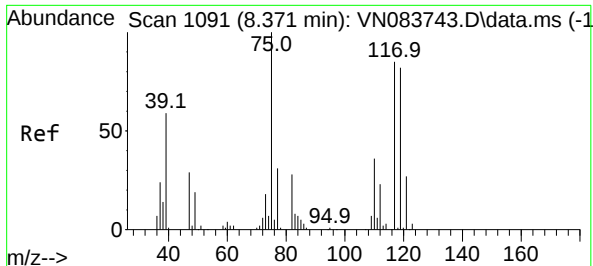
Ion Ratio Lower Upper

113 100

111 104.2 82.6 124.0

192 16.9 14.3 21.5





#36

1,1-Dichloropropene

Concen: 5.618 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN084047.D

Acq: 19 Sep 2024 20:29

Instrument :

MSVOA_N

ClientSampleId :

RE103D2-20240912

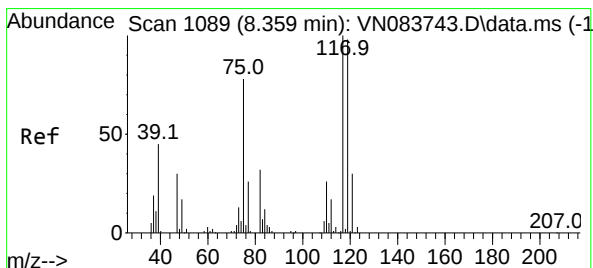
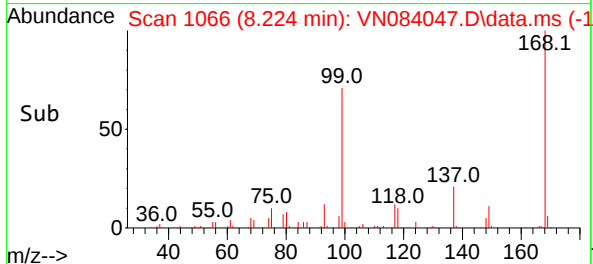
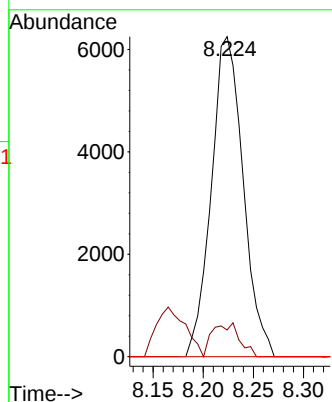
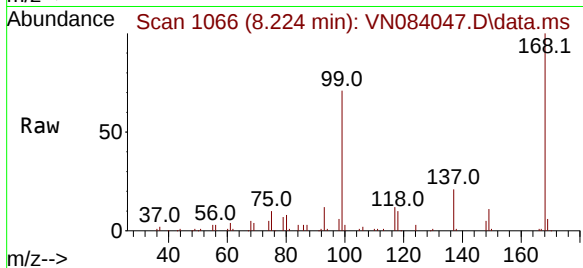
Tgt Ion: 75 Resp: 13800

Ion Ratio Lower Upper

75 100

110 8.9 16.7 50.1#

77 0.0 25.2 37.8#



#38

Carbon Tetrachloride

Concen: 6.012 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.129 min

Lab File: VN084047.D

Acq: 19 Sep 2024 20:29

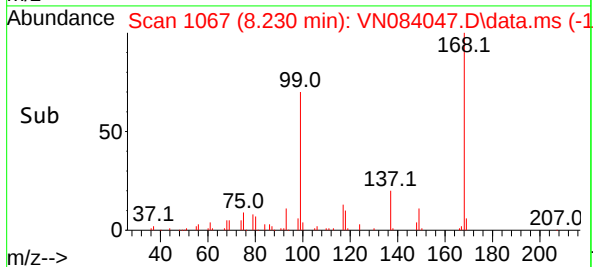
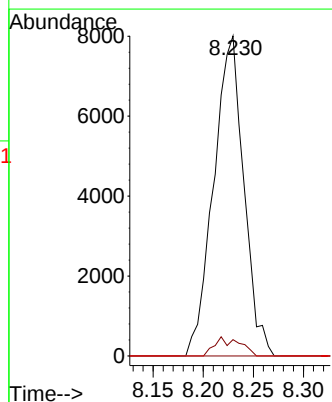
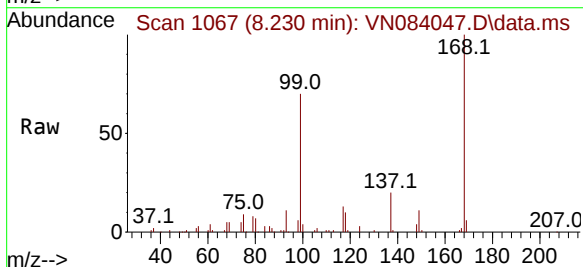
Tgt Ion: 117 Resp: 16752

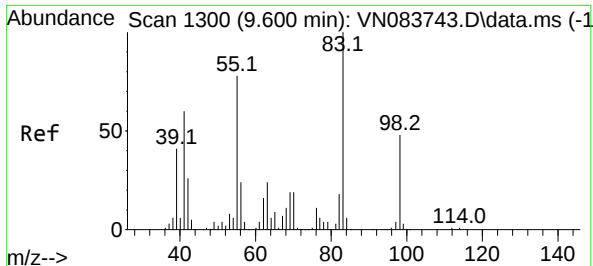
Ion Ratio Lower Upper

117 100

119 5.1 76.1 114.1#

121 0.0 24.1 36.1#





#39

Methylcyclohexane

Concen: 2.457 ug/l

RT: 9.353 min Scan# 1125

Delta R.T. -0.247 min

Lab File: VN084047.D

Acq: 19 Sep 2024 20:29

Instrument :

MSVOA_N

ClientSampleId :

RE103D2-20240912

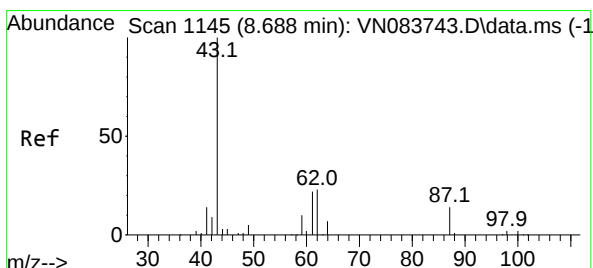
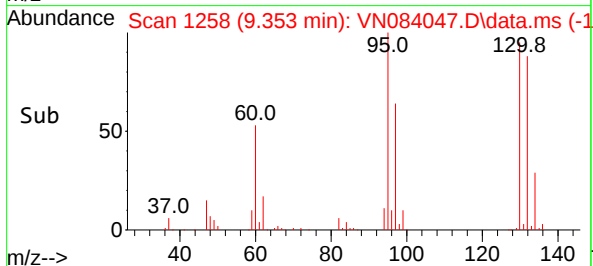
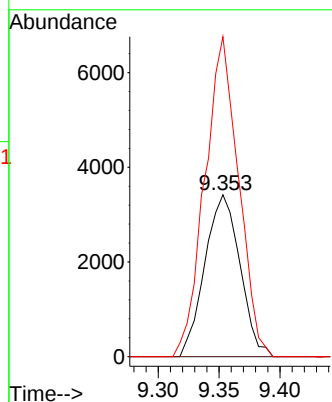
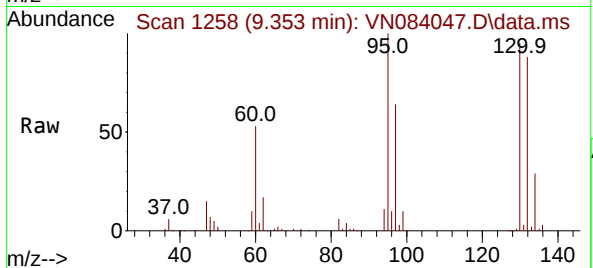
Tgt Ion: 83 Resp: 6870

Ion Ratio Lower Upper

83 100

55 0.0 62.2 93.4#

98 197.6 37.6 56.4#



#43

Isopropyl Acetate

Concen: 0.694 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN084047.D

Acq: 19 Sep 2024 20:29

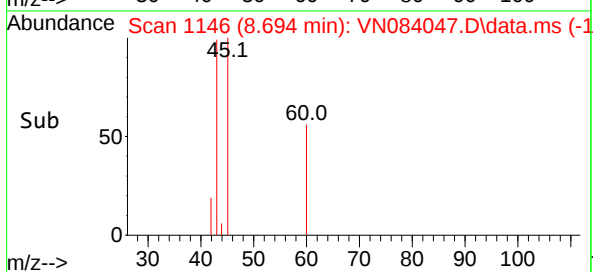
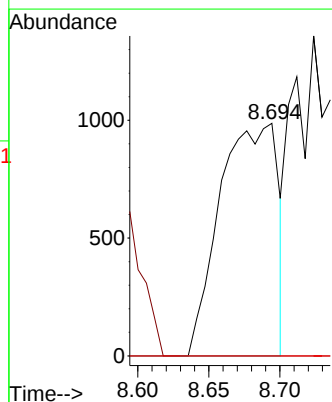
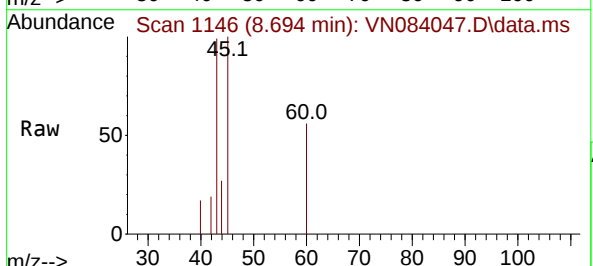
Tgt Ion: 43 Resp: 2804

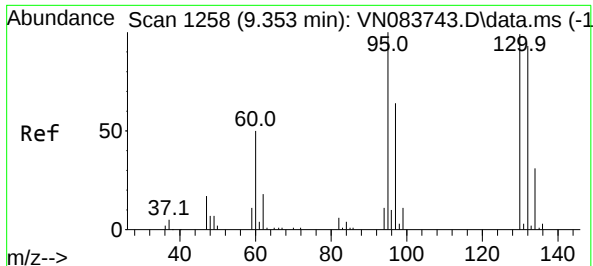
Ion Ratio Lower Upper

43 100

61 0.0 19.4 29.0#

87 0.0 9.8 14.6#

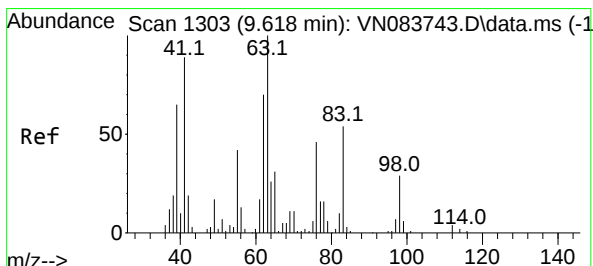
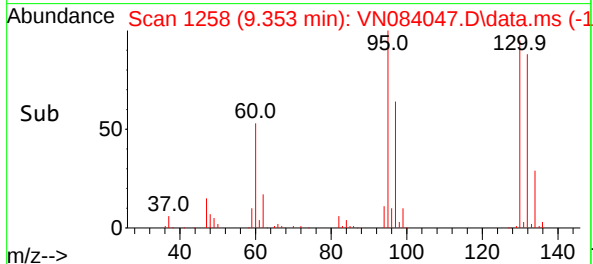
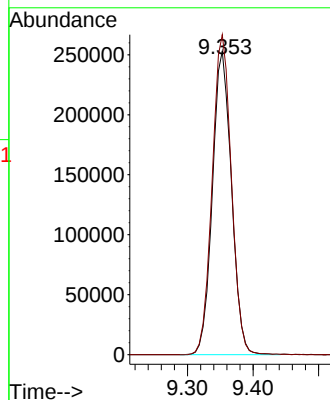
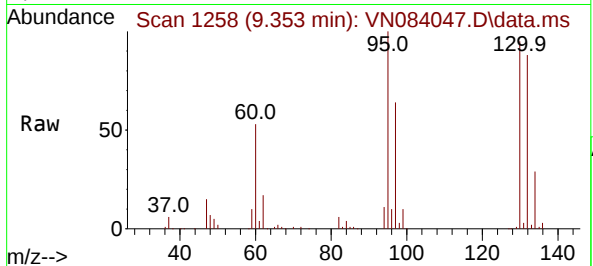




#44
Trichloroethene
Concen: 297.555 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN084047.D
Acq: 19 Sep 2024 20:29

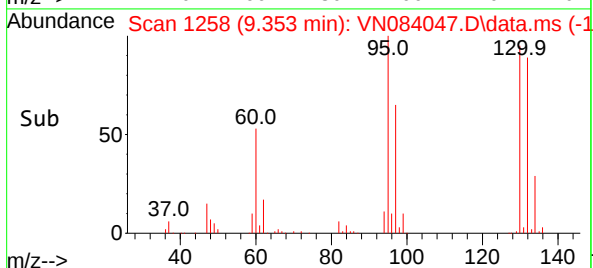
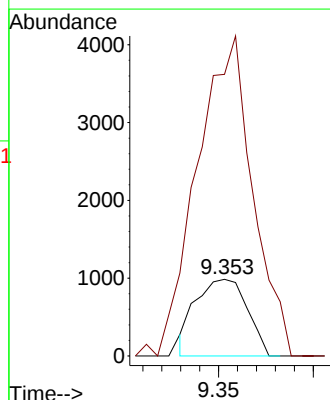
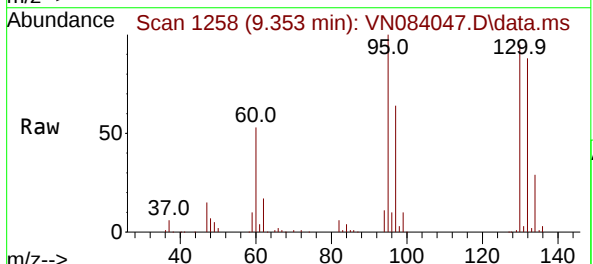
Instrument :
MSVOA_N
ClientSampleId :
RE103D2-20240912

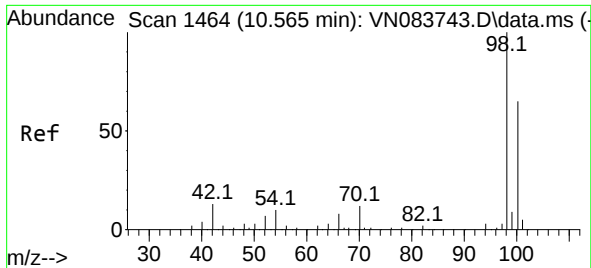
Tgt Ion:130 Resp: 509414
Ion Ratio Lower Upper
130 100
95 105.4 0.0 200.4



#45
1,2-Dichloropropane
Concen: 1.043 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.265 min
Lab File: VN084047.D
Acq: 19 Sep 2024 20:29

Tgt Ion: 63 Resp: 1863
Ion Ratio Lower Upper
63 100
65 296.5 25.9 38.9#

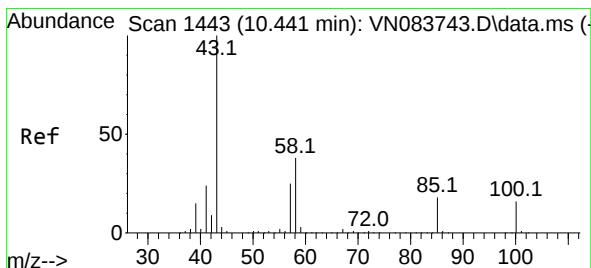
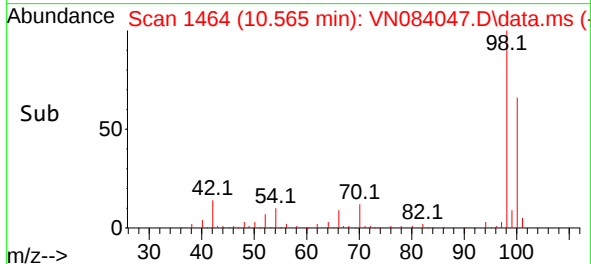
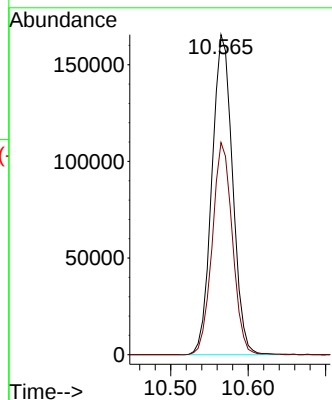
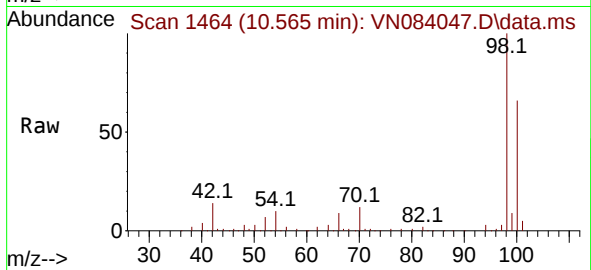




#50
Toluene-d8
Concen: 54.374 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084047.D
Acq: 19 Sep 2024 20:29

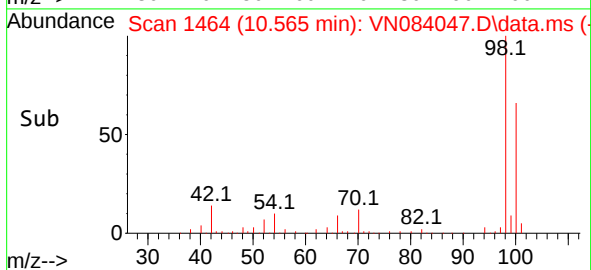
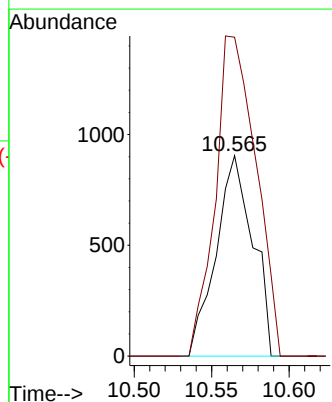
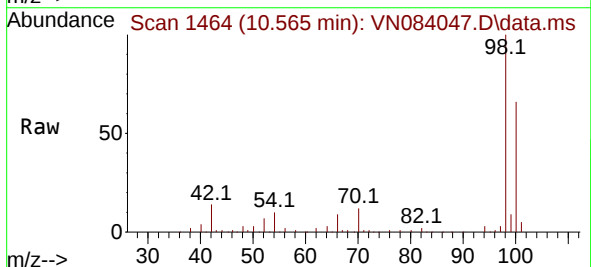
Instrument :
MSVOA_N
ClientSampleId :
RE103D2-20240912

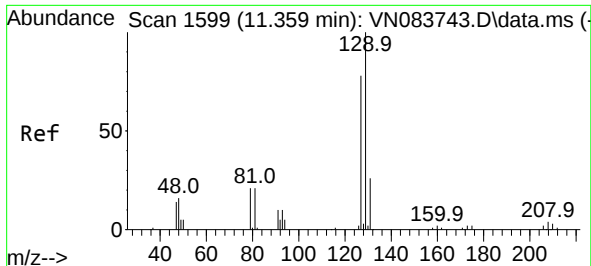
Tgt Ion: 98 Resp: 306749
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.678 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.124 min
Lab File: VN084047.D
Acq: 19 Sep 2024 20:29

Tgt Ion: 43 Resp: 1491
Ion Ratio Lower Upper
43 100
58 177.5 31.6 47.4#

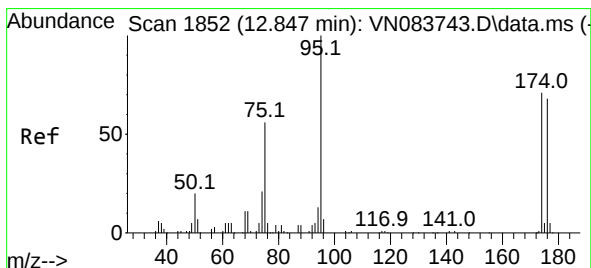
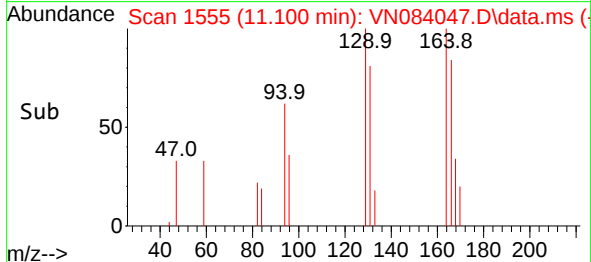
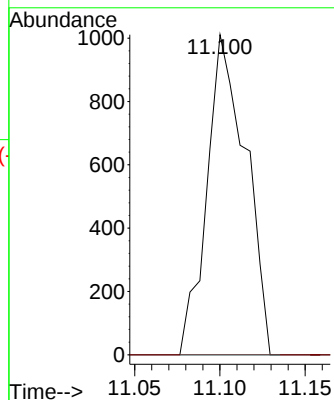
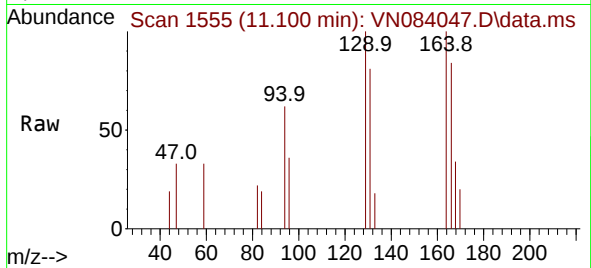




#60
Dibromochloromethane
Concen: 0.848 ug/l
RT: 11.100 min Scan# 11
Delta R.T. -0.259 min
Lab File: VN084047.D
Acq: 19 Sep 2024 20:29

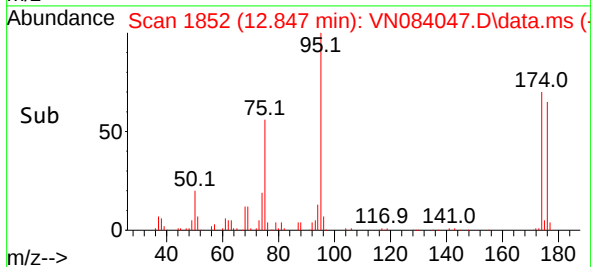
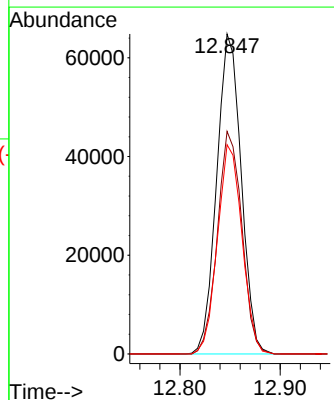
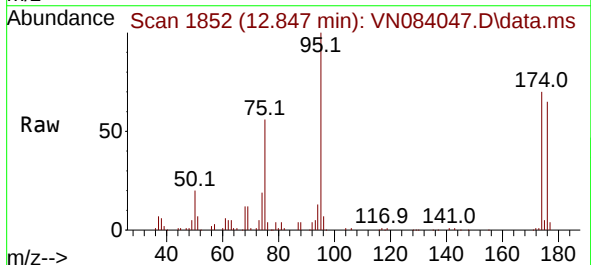
Instrument :
MSVOA_N
ClientSampleId :
RE103D2-20240912

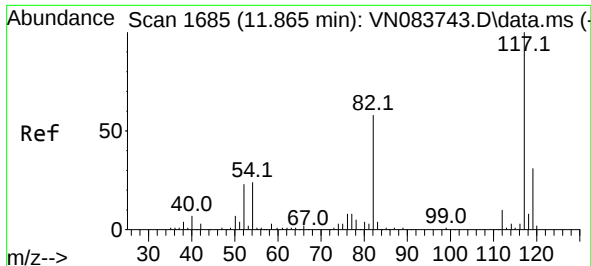
Tgt Ion:129 Resp: 1603
Ion Ratio Lower Upper
129 100
127 0.0 39.0 116.9#



#62
4-Bromofluorobenzene
Concen: 47.169 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084047.D
Acq: 19 Sep 2024 20:29

Tgt Ion: 95 Resp: 109787
Ion Ratio Lower Upper
95 100
174 69.3 0.0 139.8
176 65.6 0.0 131.4

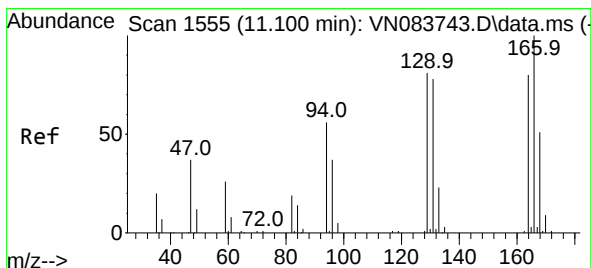
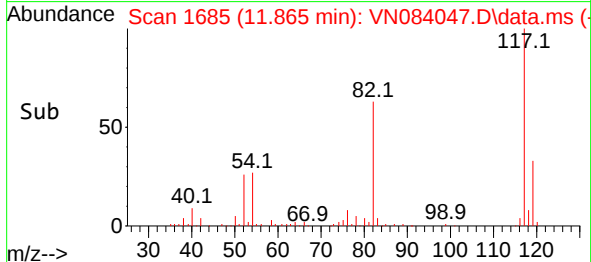
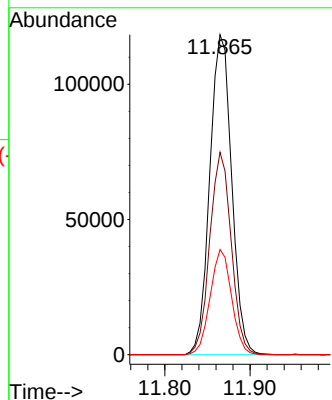
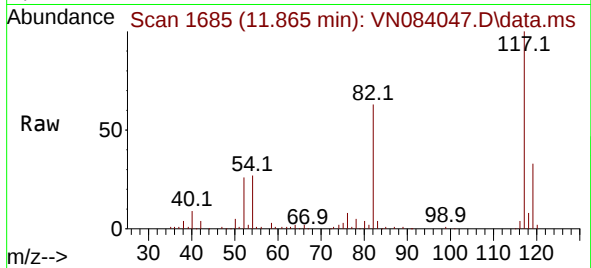




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN084047.D
Acq: 19 Sep 2024 20:29

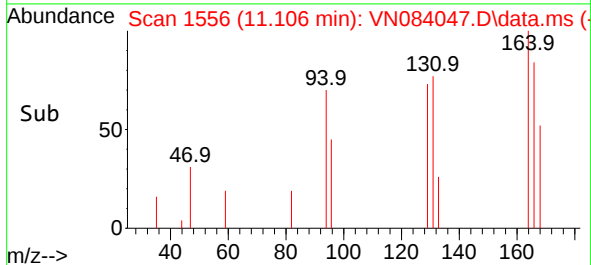
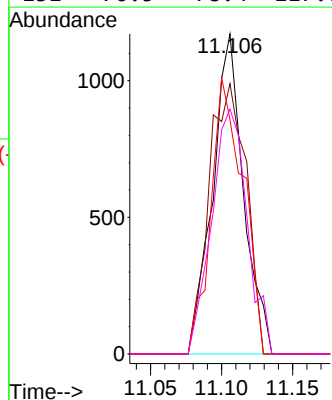
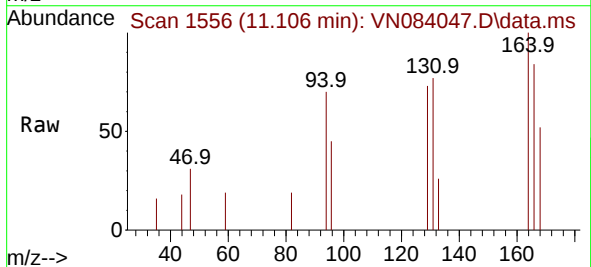
Instrument :
MSVOA_N
ClientSampleId :
RE103D2-20240912

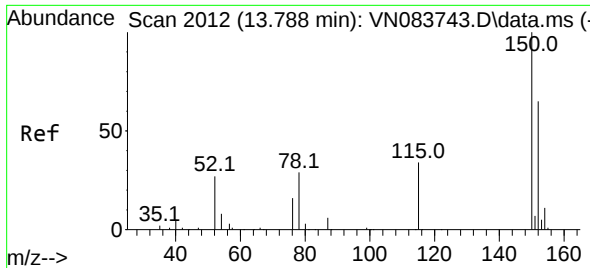
Tgt Ion:117 Resp: 211681
Ion Ratio Lower Upper
117 100
82 63.3 47.4 71.0
119 32.9 26.3 39.5



#64
Tetrachloroethene
Concen: 1.260 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN084047.D
Acq: 19 Sep 2024 20:29

Tgt Ion:164 Resp: 1774
Ion Ratio Lower Upper
164 100
166 84.5 103.7 155.5#
129 73.2 79.9 119.9#
131 76.5 78.4 117.6#

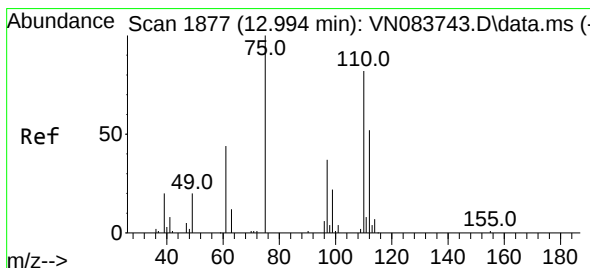
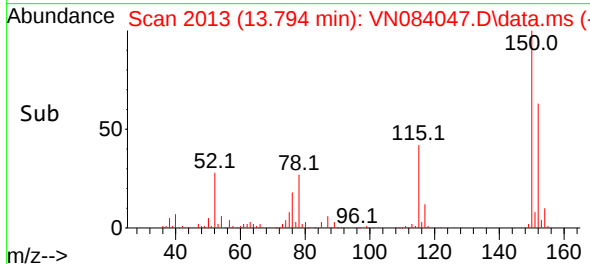
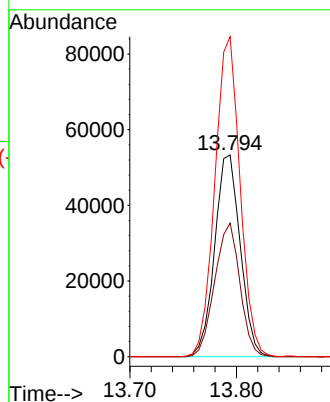
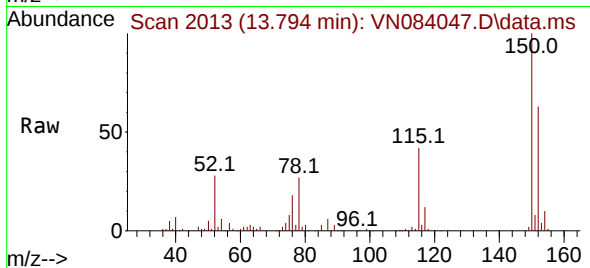




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2012
 Delta R.T. 0.006 min
 Lab File: VN084047.D
 Acq: 19 Sep 2024 20:29

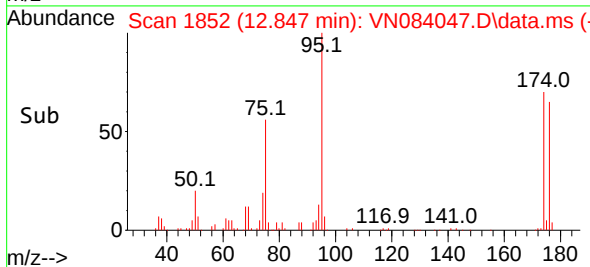
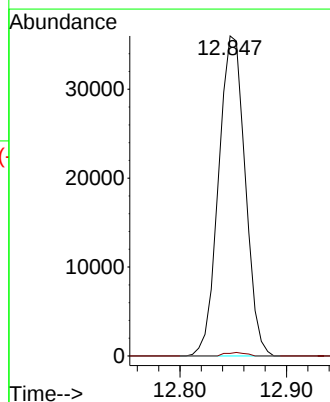
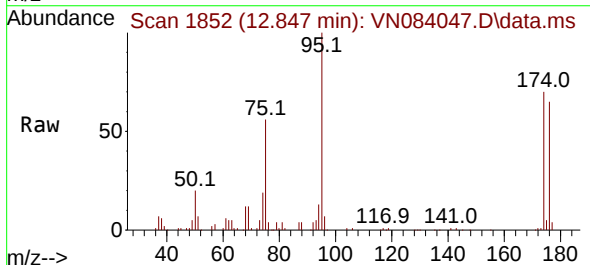
Instrument :
 MSVOA_N
 ClientSampleId :
 RE103D2-20240912

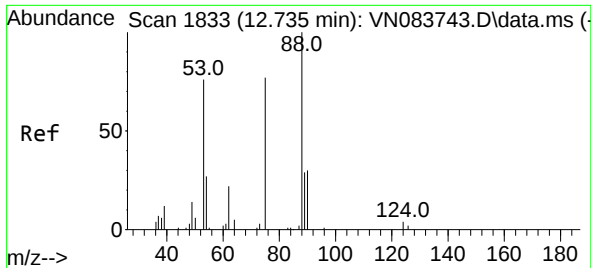
Tgt Ion:152 Resp: 88818
 Ion Ratio Lower Upper
 152 100
 115 65.3 32.2 96.6
 150 156.2 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 34.777 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN084047.D
 Acq: 19 Sep 2024 20:29

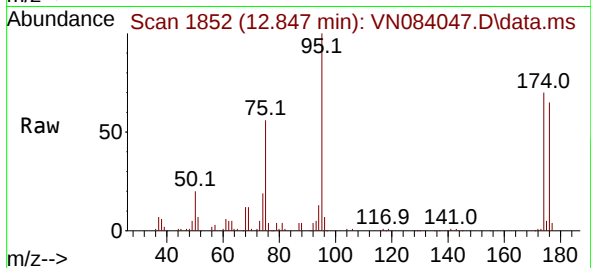
Tgt Ion: 75 Resp: 62327
 Ion Ratio Lower Upper
 75 100
 77 0.8 95.2 285.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 91.084 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN084047.D
Acq: 19 Sep 2024 20:29

Instrument :
MSVOA_N
ClientSampleId :
RE103D2-20240912



Tgt Ion: 75 Resp: 62327
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#

