

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092324\
 Data File : VN084103.D
 Acq On : 23 Sep 2024 12:17
 Operator : JC\MD
 Sample : P4003-08RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE120D1-20240912

Quant Time: Sep 24 01:30:42 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)

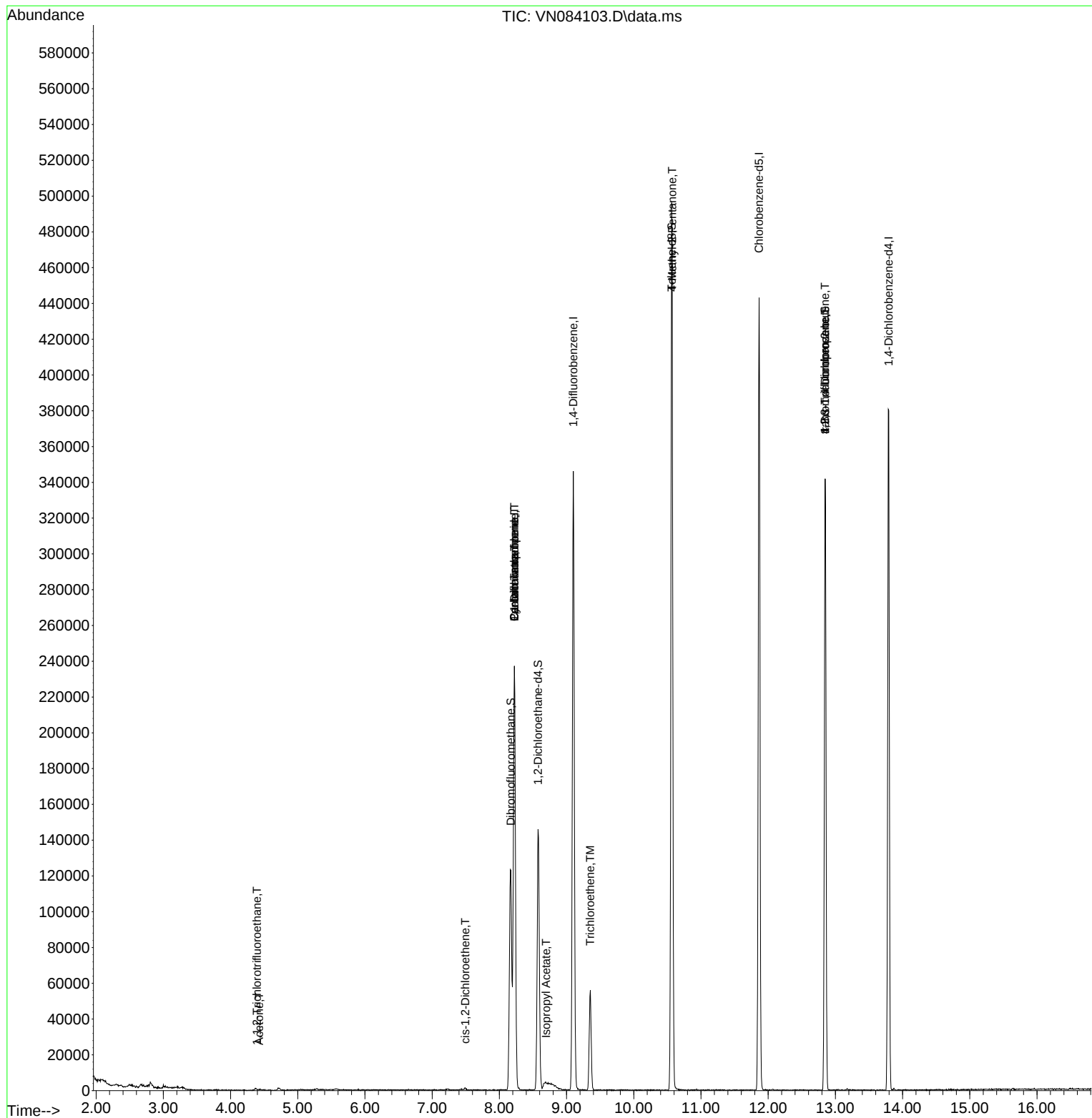
Internal Standards						
1) Pentafluorobenzene	8.224	168	162304	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	280883	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	238994	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	97377	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	121687	49.723	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.440%
35) Dibromofluoromethane	8.171	113	90590	50.379	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.760%
50) Toluene-d8	10.565	98	338899	54.517	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	109.040%
62) 4-Bromofluorobenzene	12.847	95	121782	47.483	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.960%
Target Compounds						
					Qvalue	
3) Chloromethane	2.353	50	713	Below Cal	#	41
9) 1,1,2-Trichlorotrifluo...	4.395	101	763	0.410	ug/l #	20
16) Acetone	4.424	43	1011	1.031	ug/l #	45
18) Methyl Acetate	5.047	43	259	Below Cal	#	52
27) cis-1,2-Dichloroethene	7.494	96	645	0.289	ug/l	82
31) Cyclohexane	8.224	56	4040	1.142	ug/l #	24
36) 1,1-Dichloropropene	8.224	75	14820	5.476	ug/l #	50
38) Carbon Tetrachloride	8.224	117	18163	5.915	ug/l #	16
43) Isopropyl Acetate	8.694	43	2329	0.523	ug/l #	57
44) Trichloroethene	9.353	130	19923	10.561	ug/l	99
51) 4-Methyl-2-Pentanone	10.571	43	1576	0.650	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	67240	34.221	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	67240	89.627	ug/l #	9

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092324\
Data File : VN084103.D
Acq On : 23 Sep 2024 12:17
Operator : JC\MD
Sample : P4003-08RE
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
RE120D1-20240912

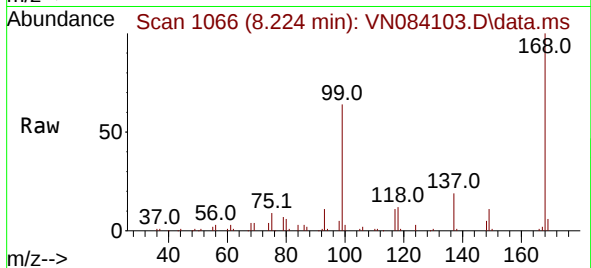
Quant Time: Sep 24 01:30:42 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



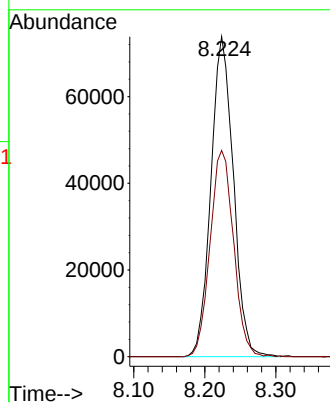
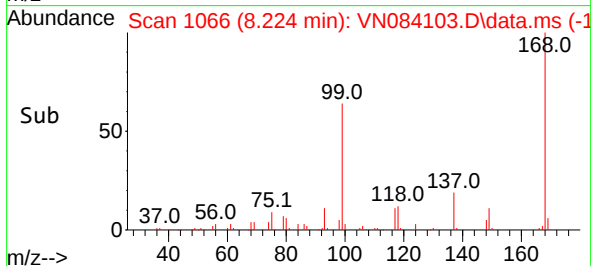


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084103.D
Acq: 23 Sep 2024 12:17

Instrument :
MSVOA_N
ClientSampleId :
RE120D1-20240912

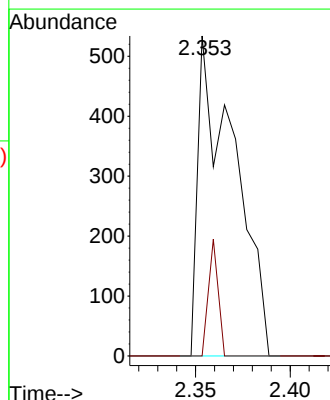
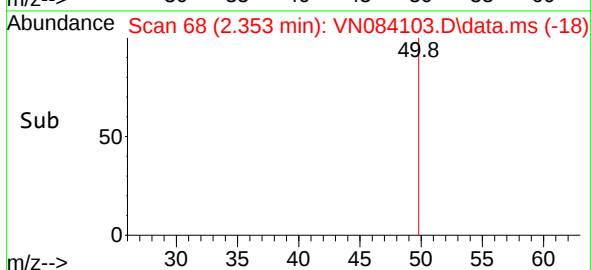
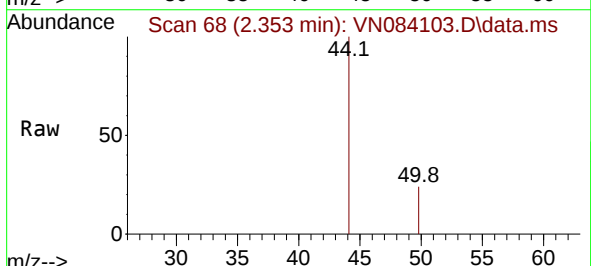


Tgt Ion:168 Resp: 162304
Ion Ratio Lower Upper
168 100
99 64.4 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.353 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN084103.D
Acq: 23 Sep 2024 12:17

Tgt Ion: 50 Resp: 713
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#

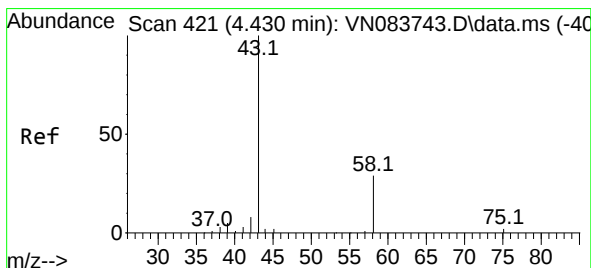
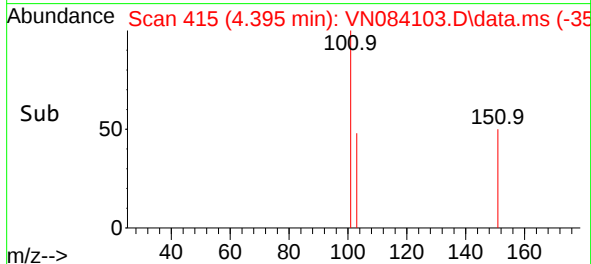
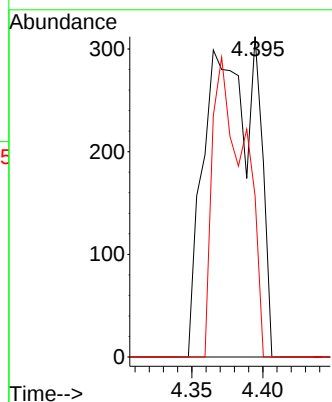
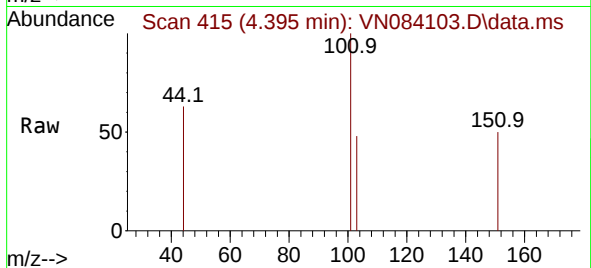




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.410 ug/l
RT: 4.395 min Scan# 41
Delta R.T. 0.041 min
Lab File: VN084103.D
Acq: 23 Sep 2024 12:17

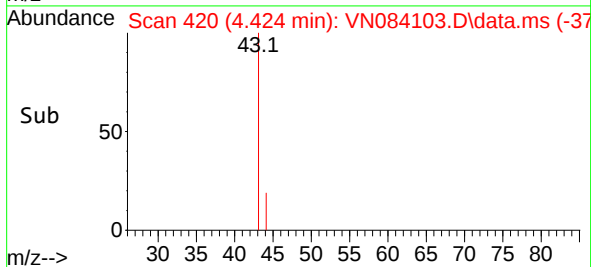
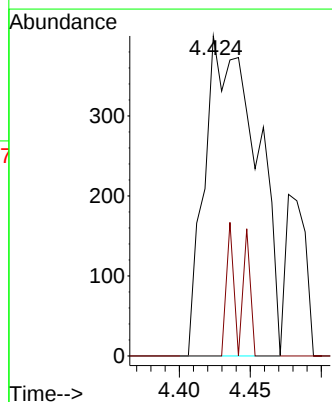
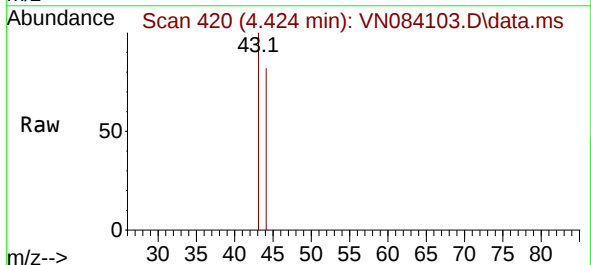
Instrument :
MSVOA_N
ClientSampleId :
RE120D1-20240912

Tgt Ion:101 Resp: 763
Ion Ratio Lower Upper
101 100
85 0.0 36.2 54.4#
151 0.0 57.7 86.5#



#16
Acetone
Concen: 1.031 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN084103.D
Acq: 23 Sep 2024 12:17

Tgt Ion: 43 Resp: 1011
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#

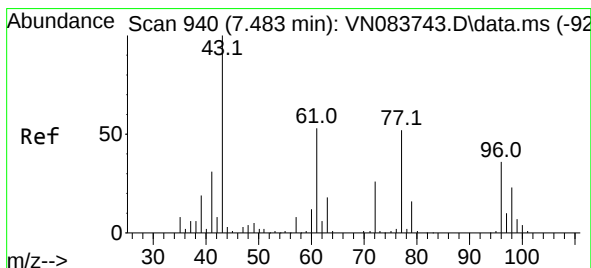
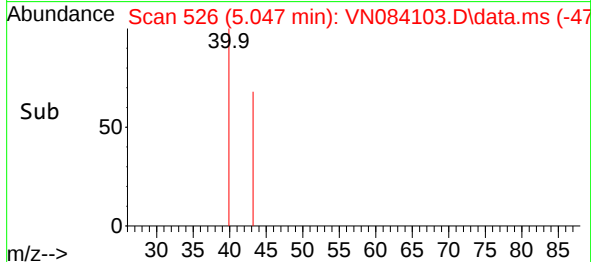
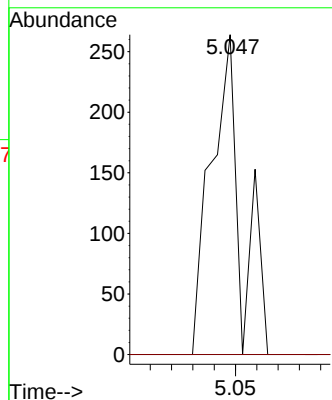
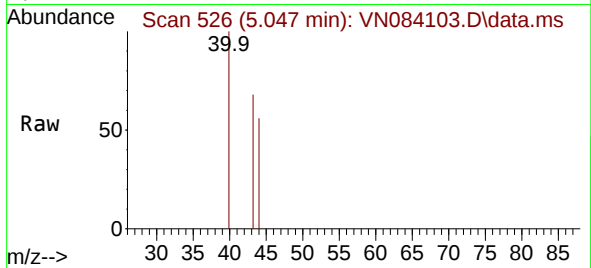




#18
Methyl Acetate
Concen: Below Cal
RT: 5.047 min Scan# 51
Delta R.T. 0.023 min
Lab File: VN084103.D
Acq: 23 Sep 2024 12:17

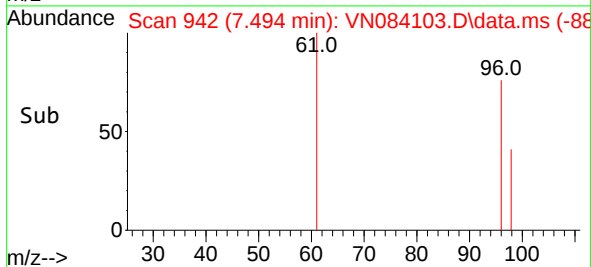
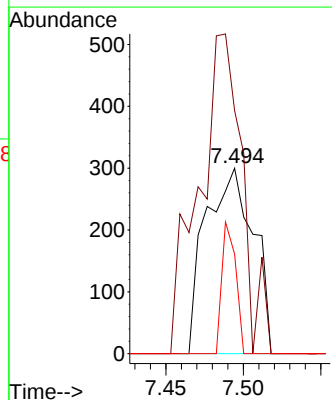
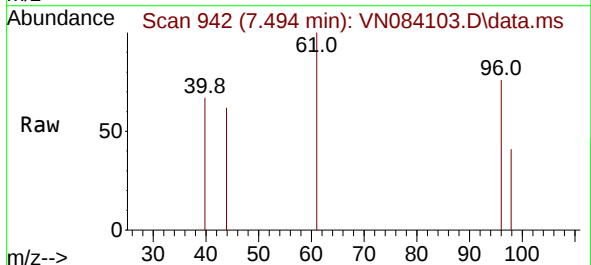
Instrument :
MSVOA_N
ClientSampleId :
RE120D1-20240912

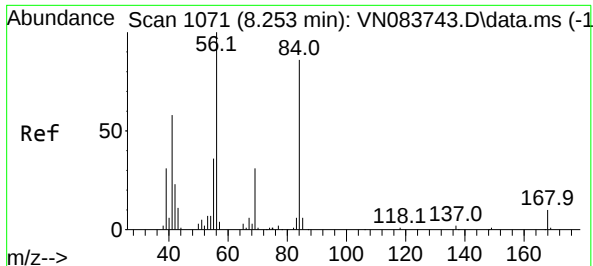
Tgt Ion: 43 Resp: 259
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#



#27
cis-1,2-Dichloroethene
Concen: 0.289 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN084103.D
Acq: 23 Sep 2024 12:17

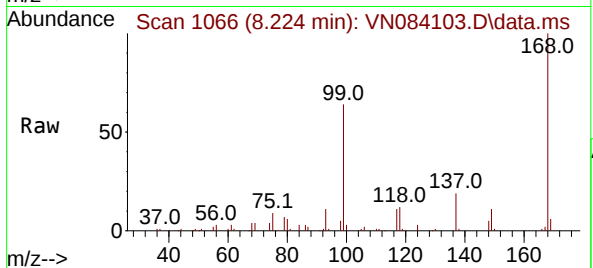
Tgt Ion: 96 Resp: 645
Ion Ratio Lower Upper
96 100
61 155.7 0.0 306.2
98 20.5 0.0 128.6



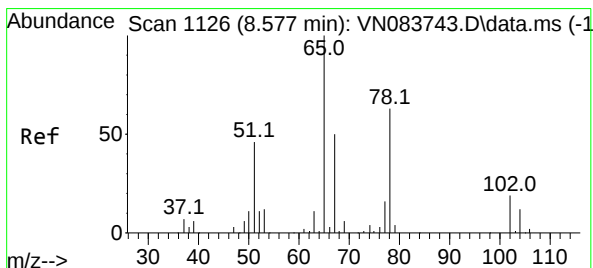
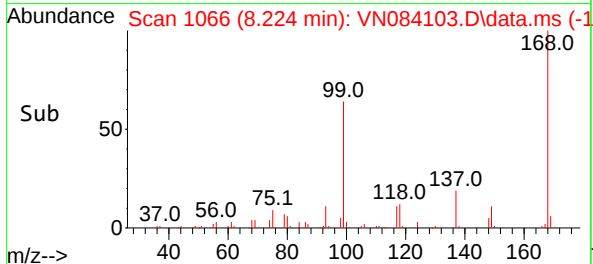
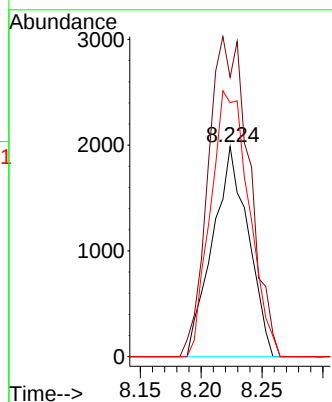


#31
Cyclohexane
Concen: 1.142 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084103.D
Acq: 23 Sep 2024 12:17

Instrument :
MSVOA_N
ClientSampleId :
RE120D1-20240912

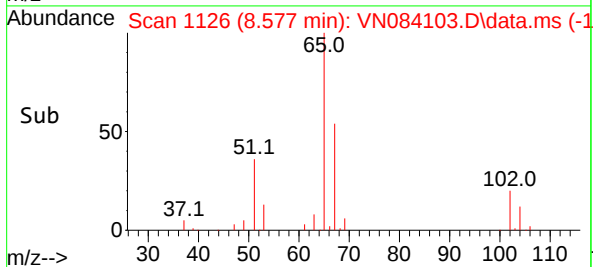
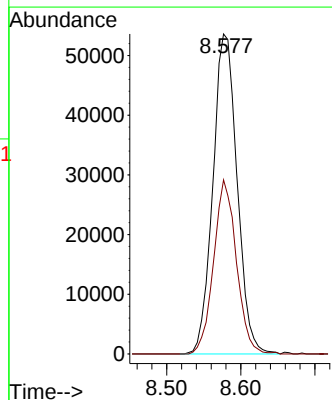
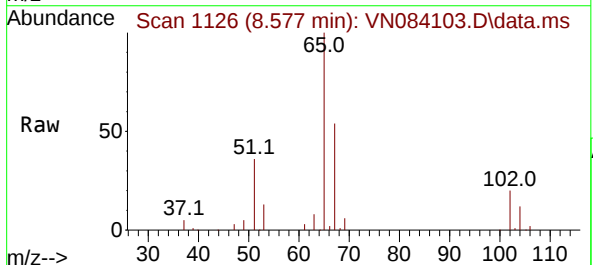


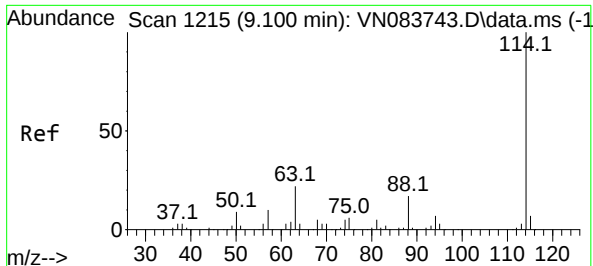
Tgt Ion: 56 Resp: 4040
Ion Ratio Lower Upper
56 100
69 133.0 26.9 40.3#
84 120.9 69.2 103.8#



#33
1,2-Dichloroethane-d4
Concen: 49.723 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084103.D
Acq: 23 Sep 2024 12:17

Tgt Ion: 65 Resp: 121687
Ion Ratio Lower Upper
65 100
67 51.2 0.0 100.8

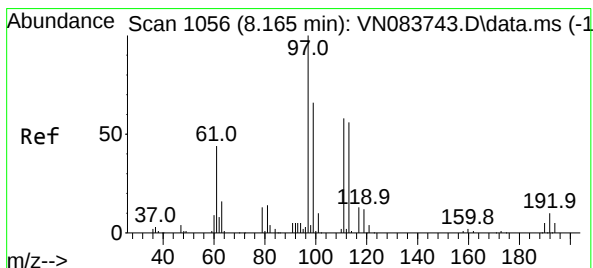
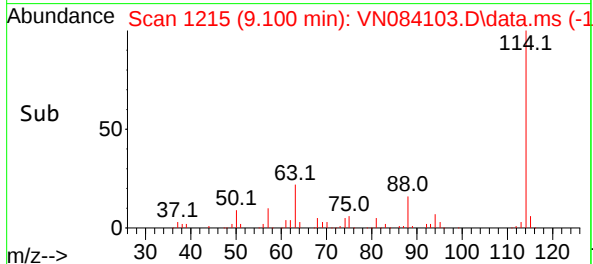
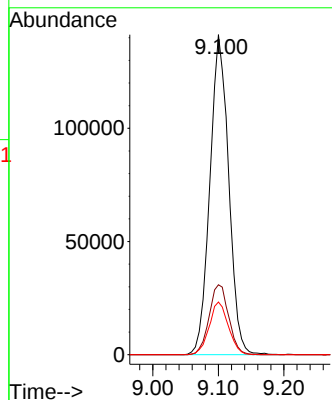
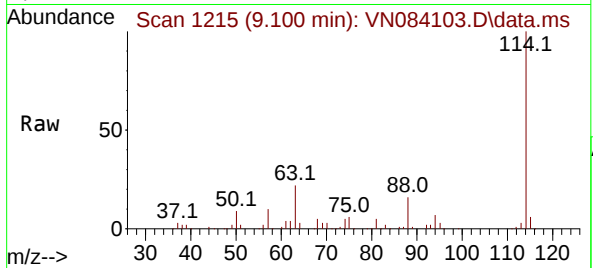




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084103.D
Acq: 23 Sep 2024 12:17

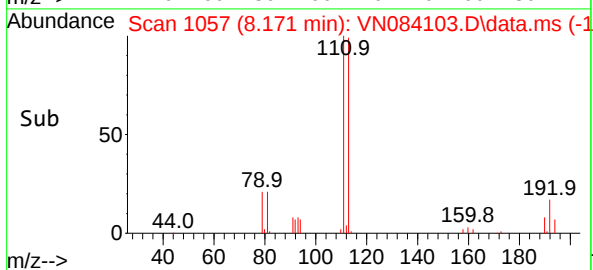
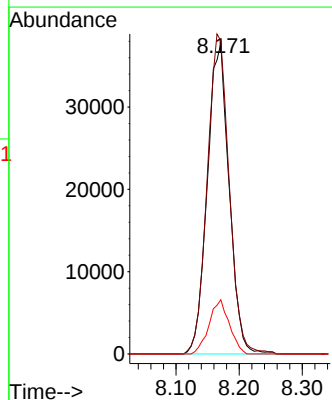
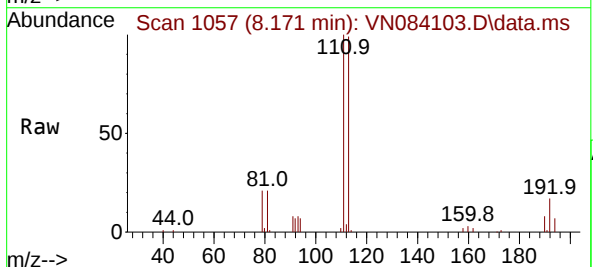
Instrument :
MSVOA_N
ClientSampleId :
RE120D1-20240912

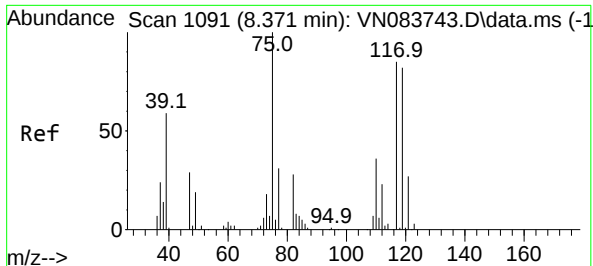
Tgt Ion:114 Resp: 280883
Ion Ratio Lower Upper
114 100
63 21.9 0.0 43.4
88 16.5 0.0 32.6



#35
Dibromofluoromethane
Concen: 50.379 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN084103.D
Acq: 23 Sep 2024 12:17

Tgt Ion:113 Resp: 90590
Ion Ratio Lower Upper
113 100
111 103.3 82.6 124.0
192 16.2 14.3 21.5





#36

1,1-Dichloropropene

Concen: 5.476 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN084103.D

Acq: 23 Sep 2024 12:17

Instrument :

MSVOA_N

ClientSampleId :

RE120D1-20240912

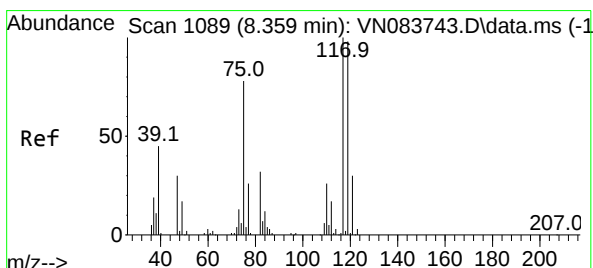
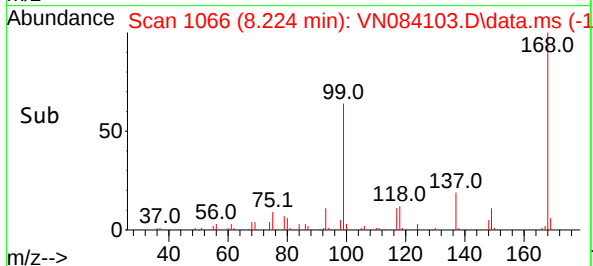
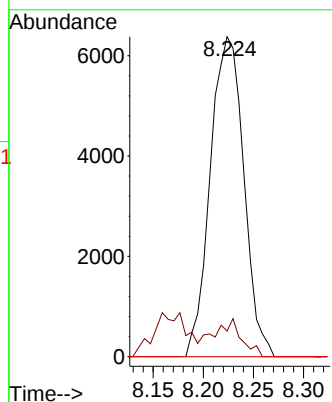
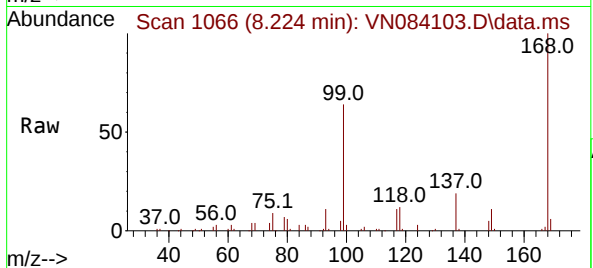
Tgt Ion: 75 Resp: 14820

Ion Ratio Lower Upper

75 100

110 9.0 16.7 50.1#

77 0.0 25.2 37.8#



#38

Carbon Tetrachloride

Concen: 5.915 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN084103.D

Acq: 23 Sep 2024 12:17

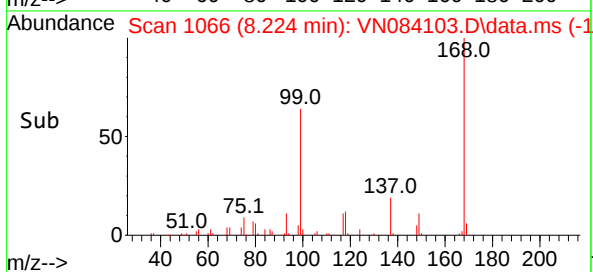
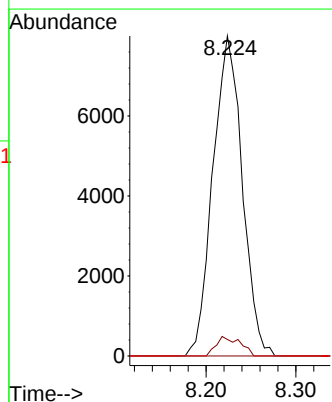
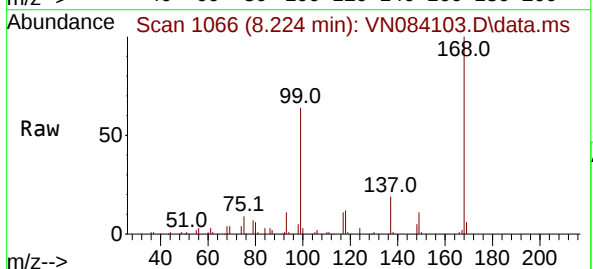
Tgt Ion: 117 Resp: 18163

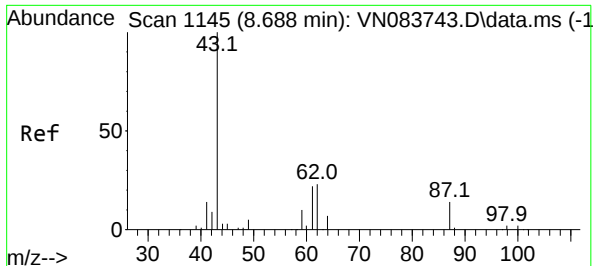
Ion Ratio Lower Upper

117 100

119 5.1 76.1 114.1#

121 0.0 24.1 36.1#





#43

Isopropyl Acetate

Concen: 0.523 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN084103.D

Acq: 23 Sep 2024 12:17

Instrument :

MSVOA_N

ClientSampleId :

RE120D1-20240912

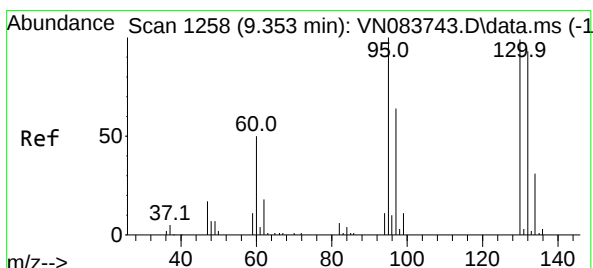
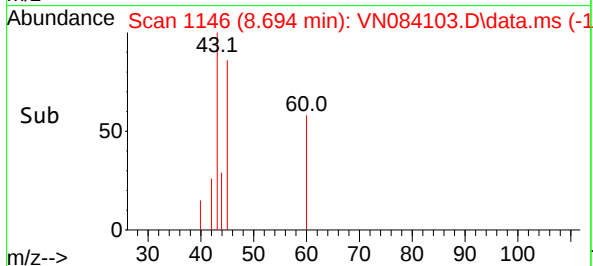
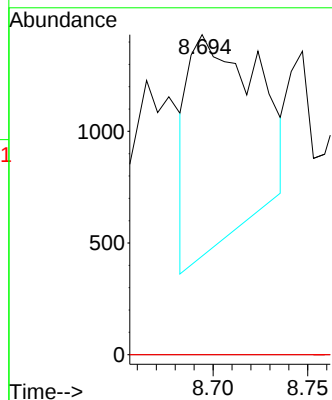
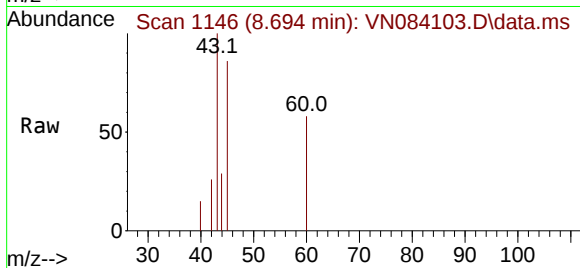
Tgt Ion: 43 Resp: 2329

Ion Ratio Lower Upper

43 100

61 0.0 19.4 29.0#

87 0.0 9.8 14.6#



#44

Trichloroethene

Concen: 10.561 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. -0.000 min

Lab File: VN084103.D

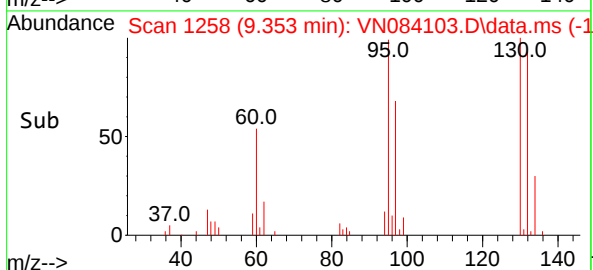
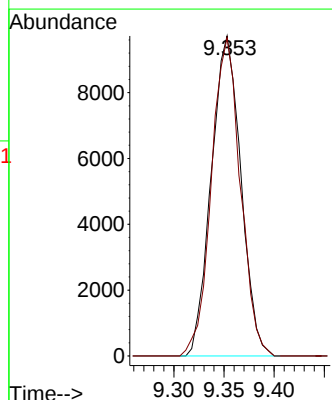
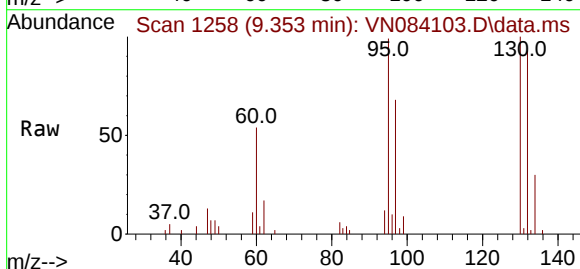
Acq: 23 Sep 2024 12:17

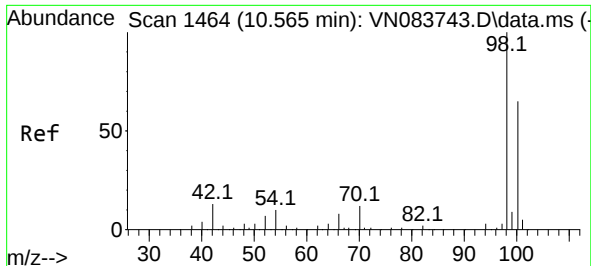
Tgt Ion:130 Resp: 19923

Ion Ratio Lower Upper

130 100

95 99.5 0.0 200.4

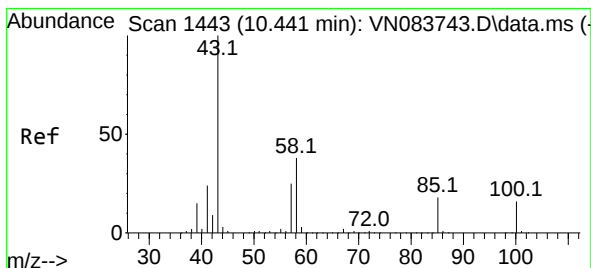
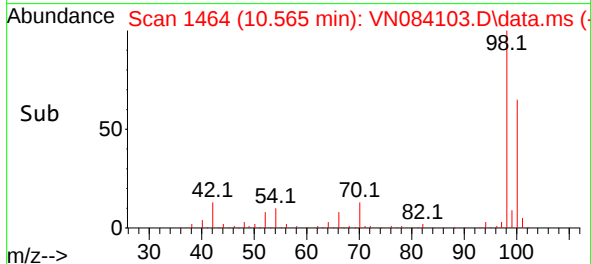
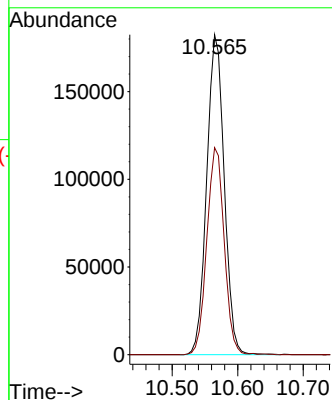
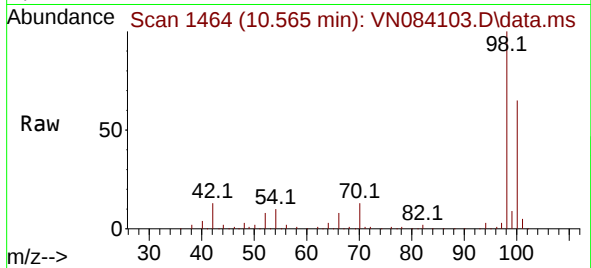




#50
Toluene-d8
Concen: 54.517 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084103.D
Acq: 23 Sep 2024 12:17

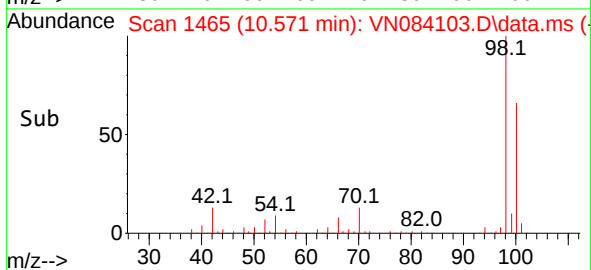
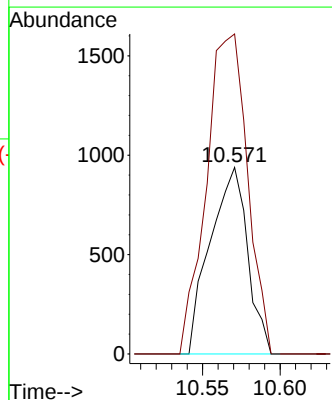
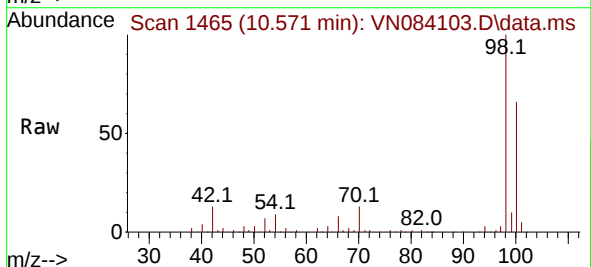
Instrument :
MSVOA_N
ClientSampleId :
RE120D1-20240912

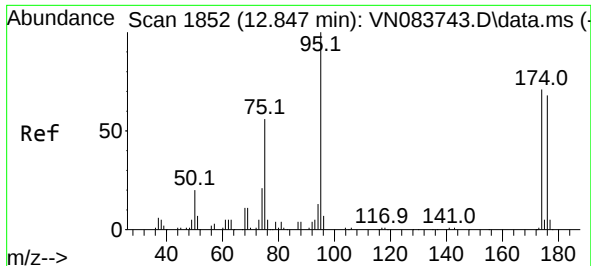
Tgt Ion: 98 Resp: 338899
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.650 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.129 min
Lab File: VN084103.D
Acq: 23 Sep 2024 12:17

Tgt Ion: 43 Resp: 1576
Ion Ratio Lower Upper
43 100
58 188.6 31.6 47.4#

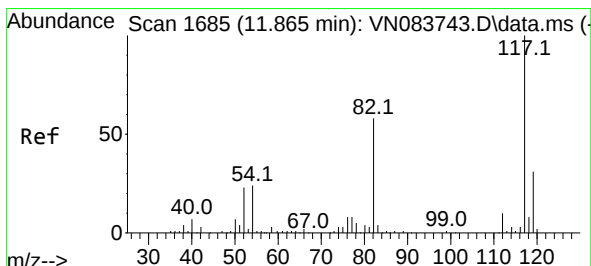
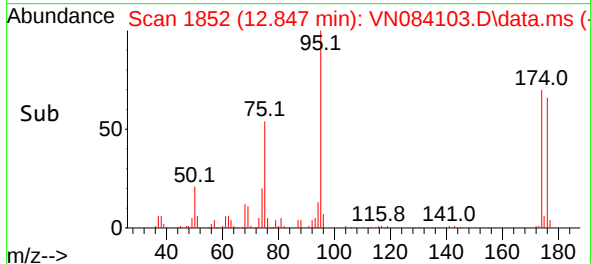
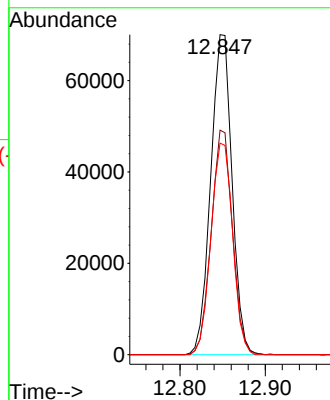
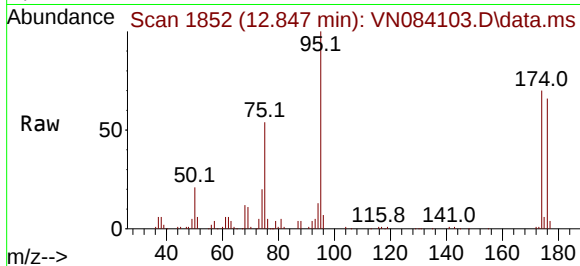




#62
4-Bromofluorobenzene
Concen: 47.483 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084103.D
Acq: 23 Sep 2024 12:17

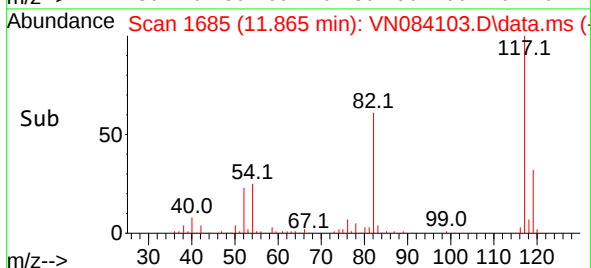
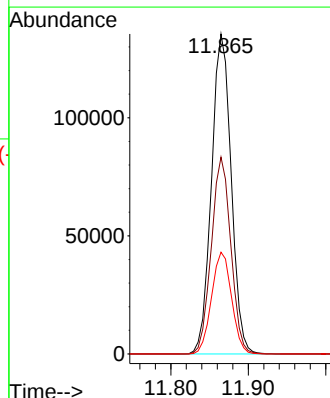
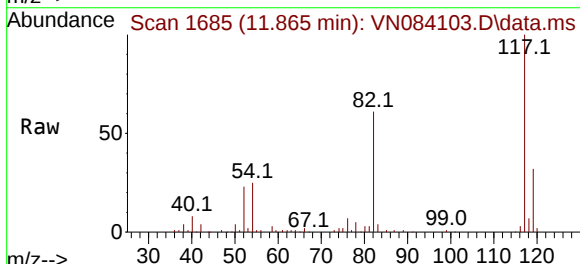
Instrument :
MSVOA_N
ClientSampleId :
RE120D1-20240912

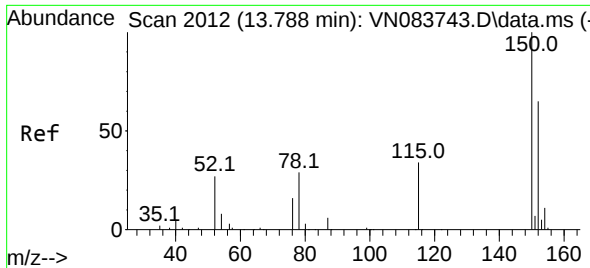
Tgt Ion: 95 Resp: 121782
Ion Ratio Lower Upper
95 100
174 69.8 0.0 139.8
176 67.2 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084103.D
Acq: 23 Sep 2024 12:17

Tgt Ion: 117 Resp: 238994
Ion Ratio Lower Upper
117 100
82 61.5 47.4 71.0
119 31.8 26.3 39.5

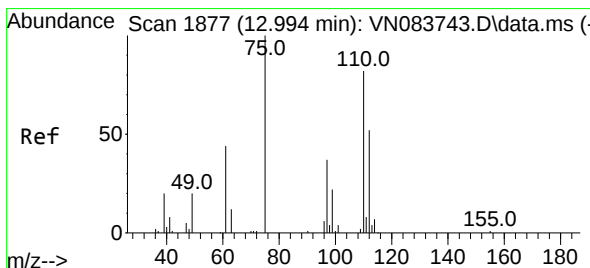
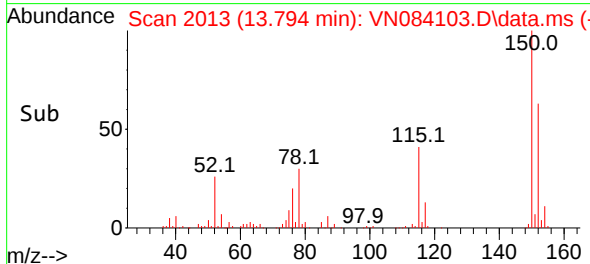
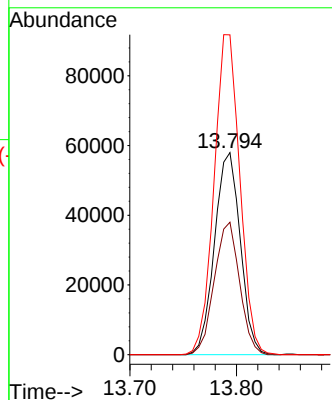
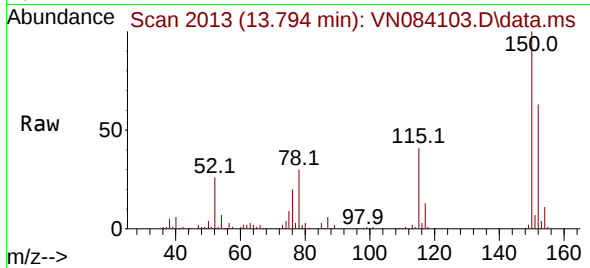




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN084103.D
Acq: 23 Sep 2024 12:17

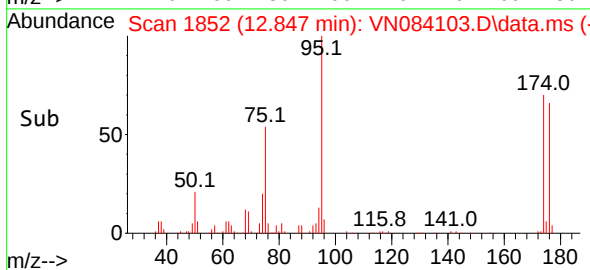
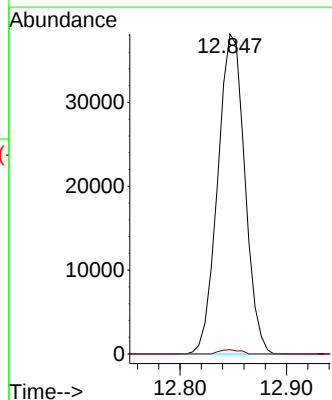
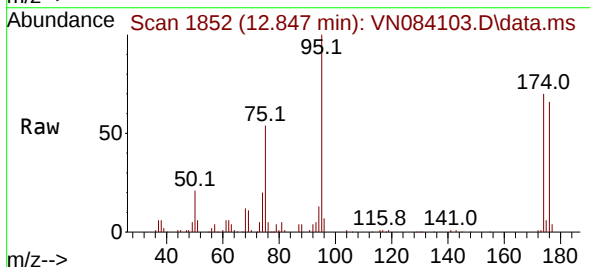
Instrument :
MSVOA_N
ClientSampleId :
RE120D1-20240912

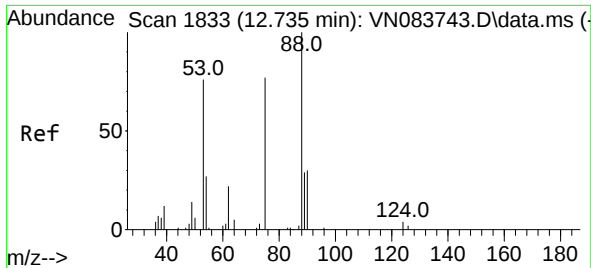
Tgt Ion:152 Resp: 97377
Ion Ratio Lower Upper
152 100
115 64.3 32.2 96.6
150 158.6 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 34.221 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN084103.D
Acq: 23 Sep 2024 12:17

Tgt Ion: 75 Resp: 67240
Ion Ratio Lower Upper
75 100
77 1.0 95.2 285.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 89.627 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN084103.D
Acq: 23 Sep 2024 12:17

Instrument :
MSVOA_N
ClientSampleId :
RE120D1-20240912

Tgt Ion: 75 Resp: 67240
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#

