

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091624\
 Data File : VN083927.D
 Acq On : 16 Sep 2024 19:03
 Operator : JC\MD
 Sample : P3957-04DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW305D-20240910DL

Quant Time: Sep 17 02:37:34 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)

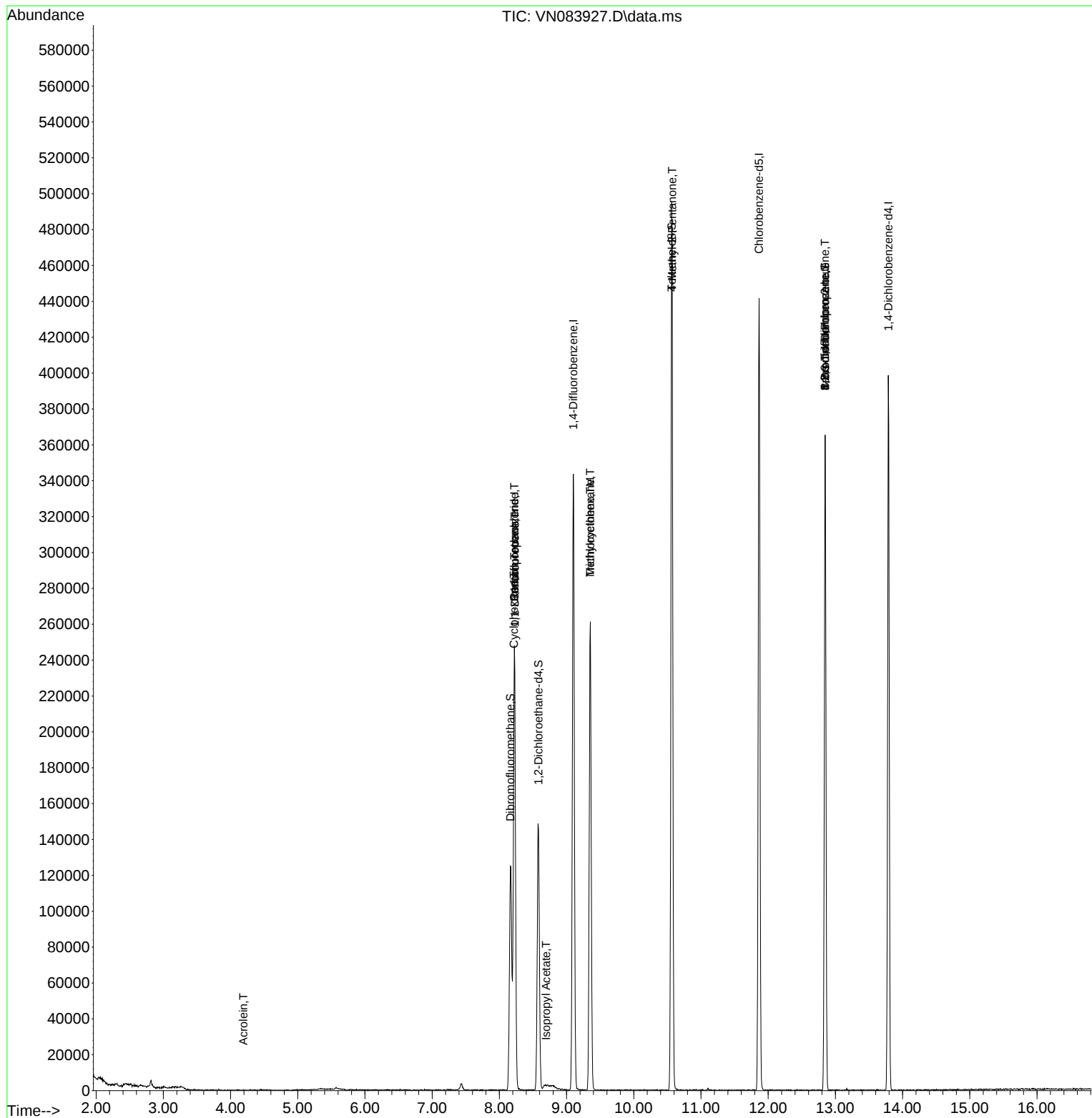
Internal Standards						
1) Pentafluorobenzene	8.224	168	164205	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	277347	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	237362	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	97663	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	126448	51.070	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.140%			
35) Dibromofluoromethane	8.165	113	88714	49.965	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.920%			
50) Toluene-d8	10.565	98	332826	54.223	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.440%			
62) 4-Bromofluorobenzene	12.847	95	122106	48.217	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.440%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	272	Below Cal	#	41
13) Acrolein	4.189	56	67	0.205	ug/l #	13
31) Cyclohexane	8.218	56	4855	1.357	ug/l #	17
36) 1,1-Dichloropropene	8.230	75	16099	6.024	ug/l #	51
38) Carbon Tetrachloride	8.224	117	19443	6.413	ug/l #	16
39) Methylcyclohexane	9.353	83	1289	0.424	ug/l #	1
43) Isopropyl Acetate	8.694	43	3293	0.749	ug/l #	57
44) Trichloroethene	9.353	130	88510	47.517	ug/l	93
51) 4-Methyl-2-Pentanone	10.571	43	1639	0.685	ug/l #	1
71) Bromoform	12.847	173	567	0.460	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	69043	35.036	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	69043	91.761	ug/l #	9

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

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Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration

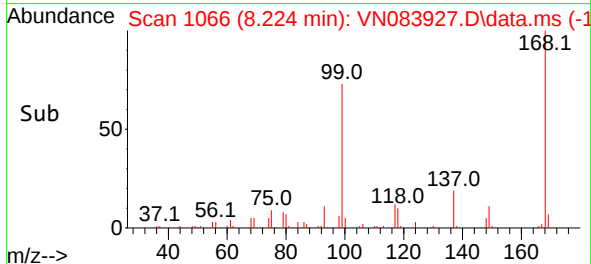
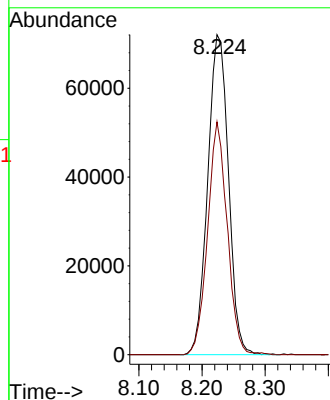
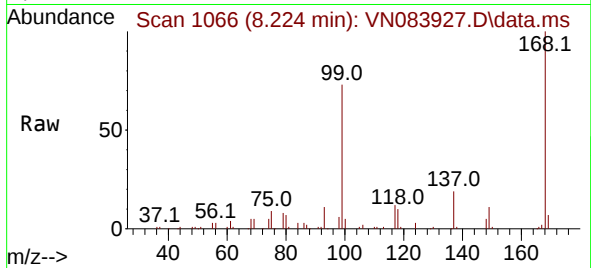




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083927.D
Acq: 16 Sep 2024 19:03

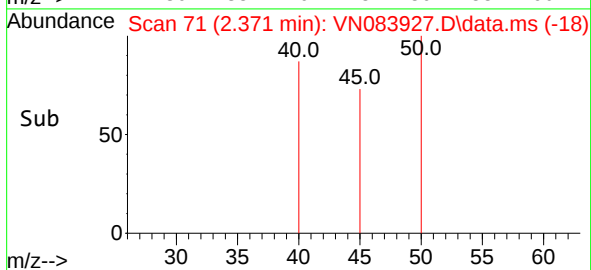
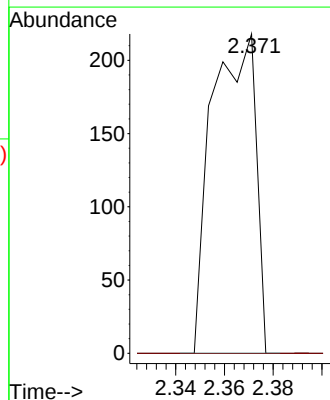
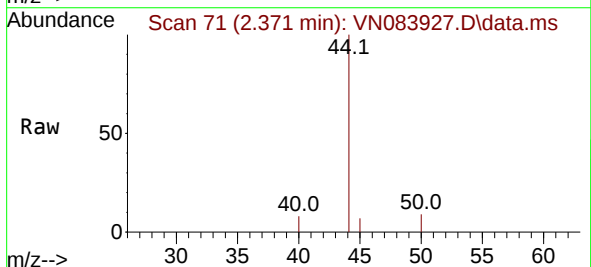
Instrument :
MSVOA_N
ClientSampleId :
MW305D-20240910DL

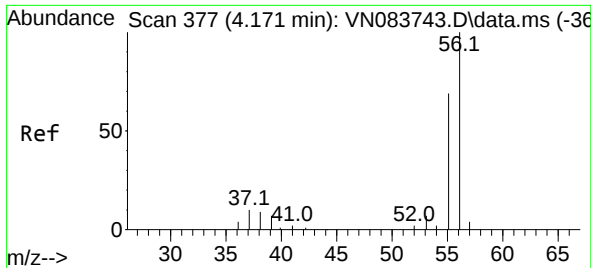
Tgt Ion:168 Resp: 164205
Ion Ratio Lower Upper
168 100
99 72.7 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.371 min Scan# 71
Delta R.T. 0.012 min
Lab File: VN083927.D
Acq: 16 Sep 2024 19:03

Tgt Ion: 50 Resp: 272
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#

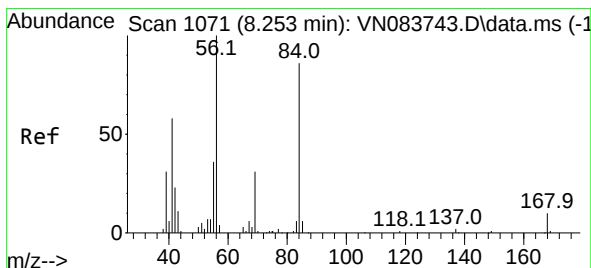
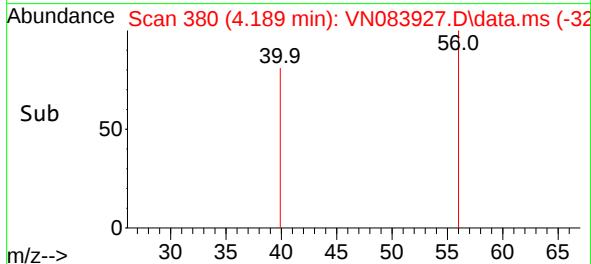
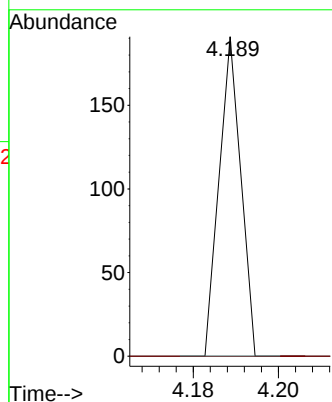
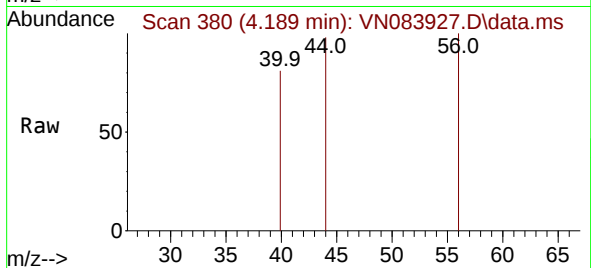




#13
Acrolein
Concen: 0.205 ug/l
RT: 4.189 min Scan# 31
Delta R.T. 0.018 min
Lab File: VN083927.D
Acq: 16 Sep 2024 19:03

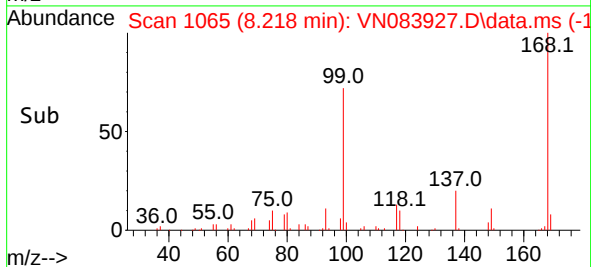
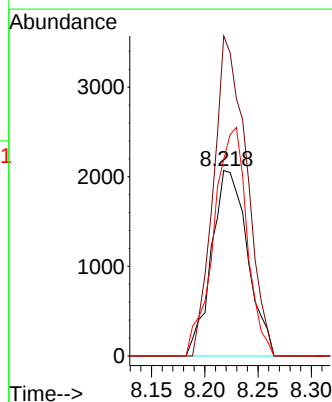
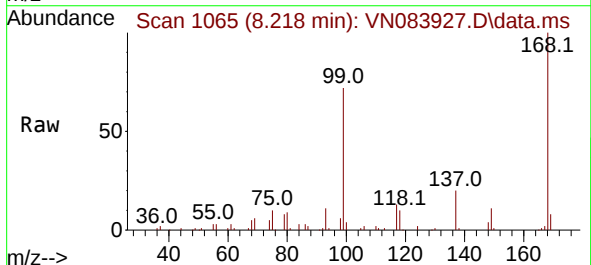
Instrument :
MSVOA_N
ClientSampleId :
MW305D-20240910DL

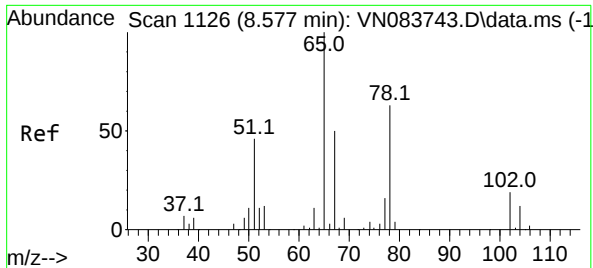
Tgt Ion: 56 Resp: 67
Ion Ratio Lower Upper
56 100
55 0.0 58.2 87.2#



#31
Cyclohexane
Concen: 1.357 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN083927.D
Acq: 16 Sep 2024 19:03

Tgt Ion: 56 Resp: 4855
Ion Ratio Lower Upper
56 100
69 172.6 26.9 40.3#
84 105.9 69.2 103.8#





#33

1,2-Dichloroethane-d4

Concen: 51.070 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN083927.D

Acq: 16 Sep 2024 19:03

Instrument :

MSVOA_N

ClientSampleId :

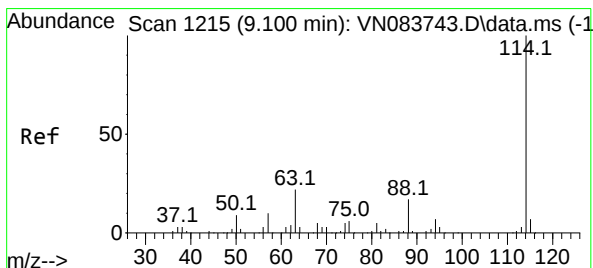
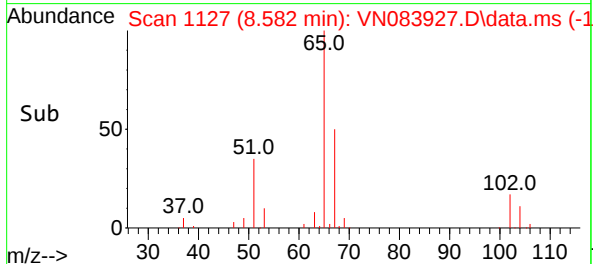
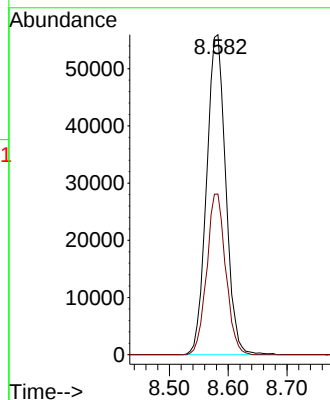
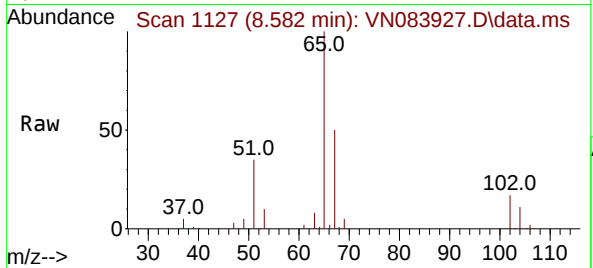
MW305D-20240910DL

Tgt Ion: 65 Resp: 126448

Ion Ratio Lower Upper

65 100

67 49.8 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: VN083927.D

Acq: 16 Sep 2024 19:03

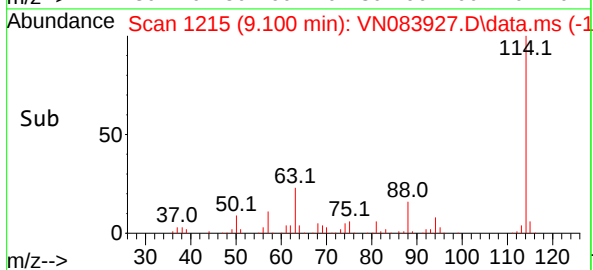
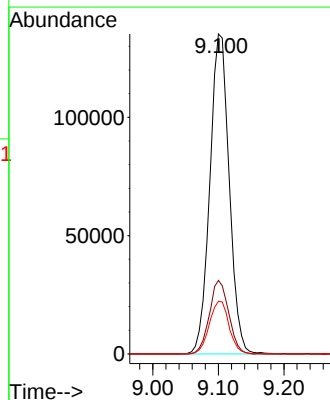
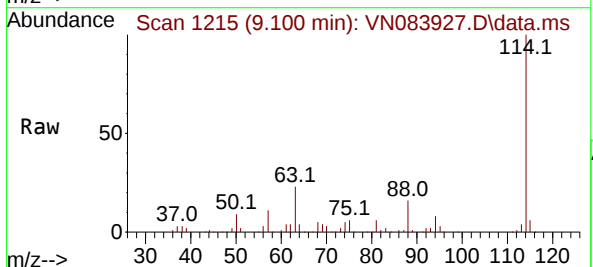
Tgt Ion: 114 Resp: 277347

Ion Ratio Lower Upper

114 100

63 23.0 0.0 43.4

88 16.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.965 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083927.D

Acq: 16 Sep 2024 19:03

Instrument :

MSVOA_N

ClientSampleId :

MW305D-20240910DL

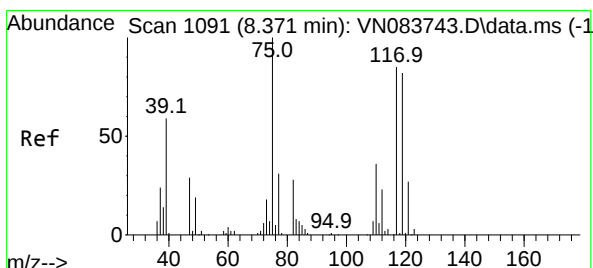
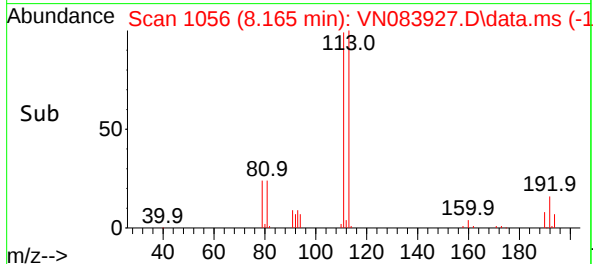
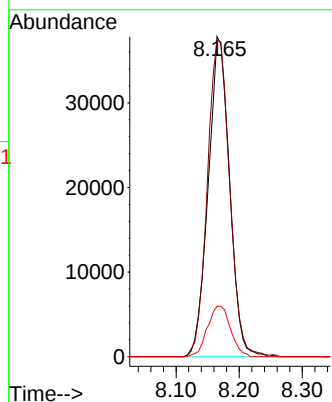
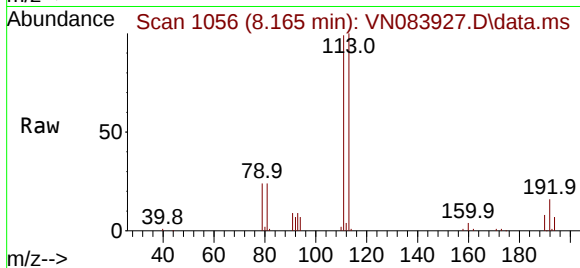
Tgt Ion:113 Resp: 88714

Ion Ratio Lower Upper

113 100

111 103.4 82.6 124.0

192 17.1 14.3 21.5



#36

1,1-Dichloropropene

Concen: 6.024 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN083927.D

Acq: 16 Sep 2024 19:03

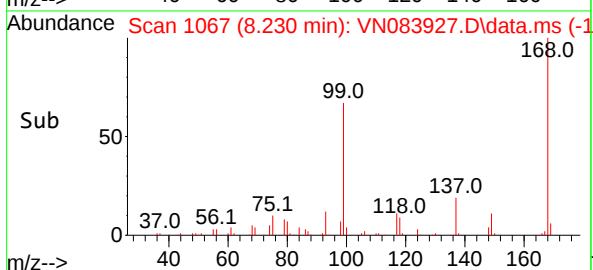
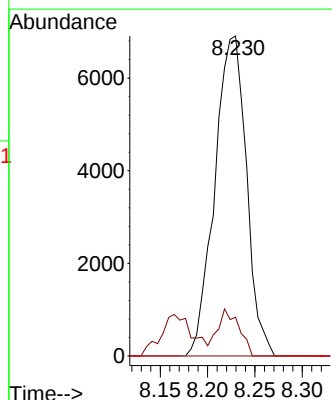
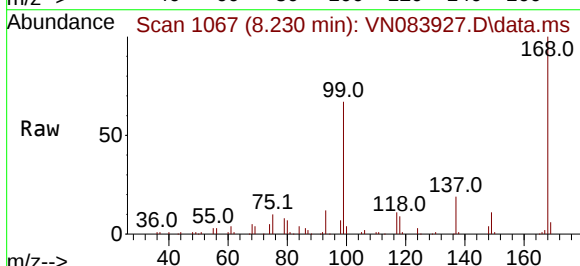
Tgt Ion: 75 Resp: 16099

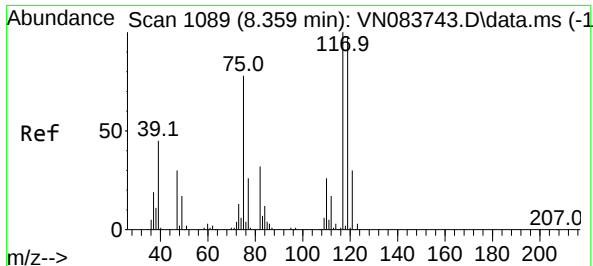
Ion Ratio Lower Upper

75 100

110 9.9 16.7 50.1#

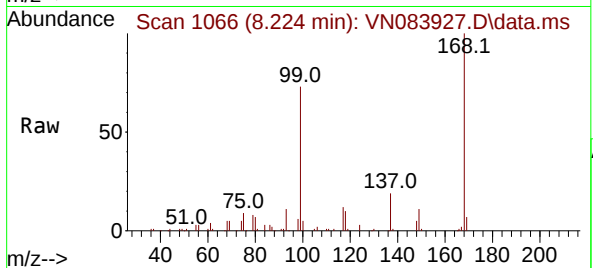
77 0.0 25.2 37.8#



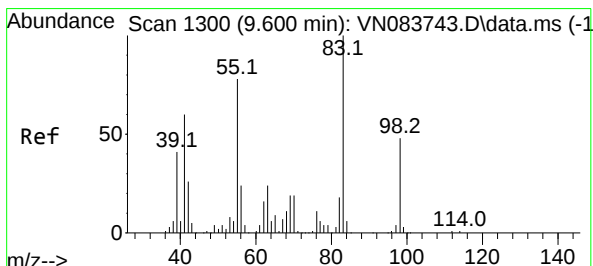
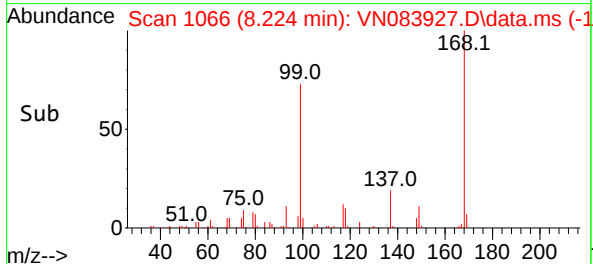
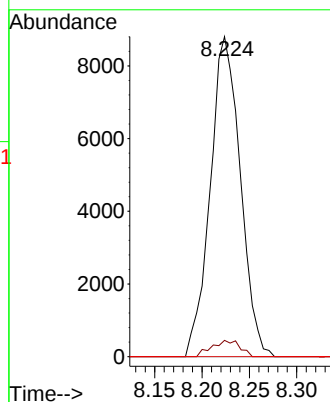


#38
Carbon Tetrachloride
Concen: 6.413 ug/l
RT: 8.224 min Scan# 11
Delta R.T. -0.135 min
Lab File: VN083927.D
Acq: 16 Sep 2024 19:03

Instrument :
MSVOA_N
ClientSampleId :
MW305D-20240910DL

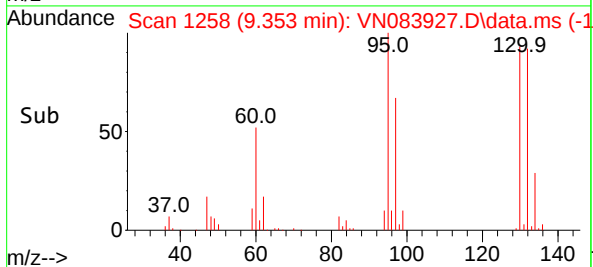
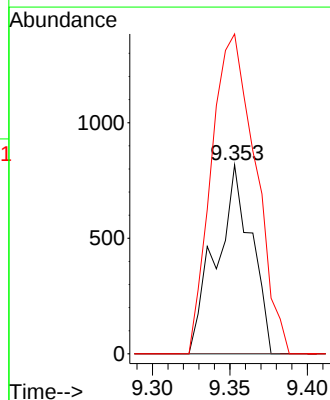
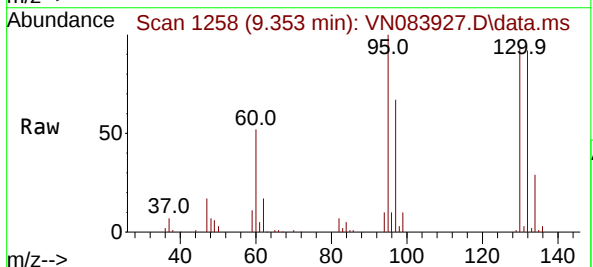


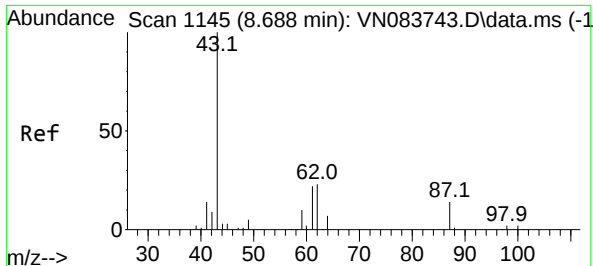
Tgt Ion:117 Resp: 19443
Ion Ratio Lower Upper
117 100
119 5.1 76.1 114.1#
121 0.0 24.1 36.1#



#39
Methylcyclohexane
Concen: 0.424 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.247 min
Lab File: VN083927.D
Acq: 16 Sep 2024 19:03

Tgt Ion: 83 Resp: 1289
Ion Ratio Lower Upper
83 100
55 0.0 62.2 93.4#
98 169.2 37.6 56.4#





#43

Isopropyl Acetate

Concen: 0.749 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN083927.D

Acq: 16 Sep 2024 19:03

Instrument :

MSVOA_N

ClientSampleId :

MW305D-20240910DL

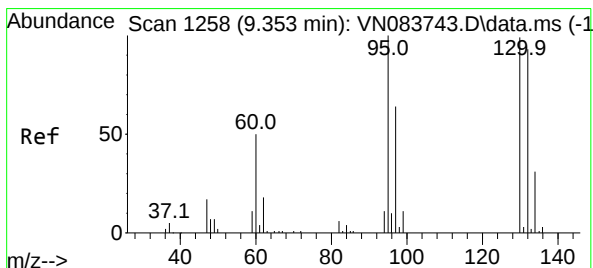
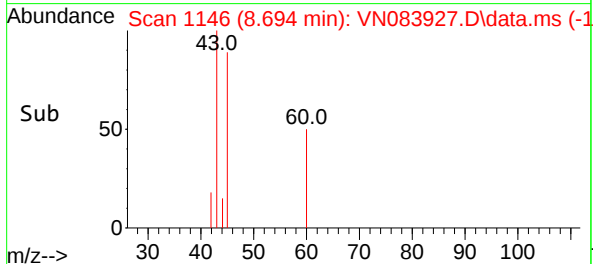
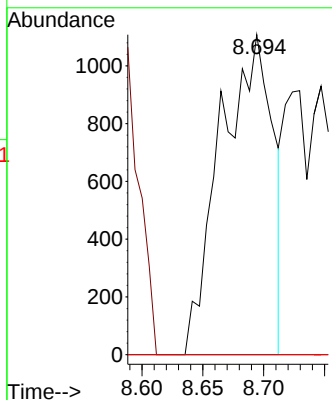
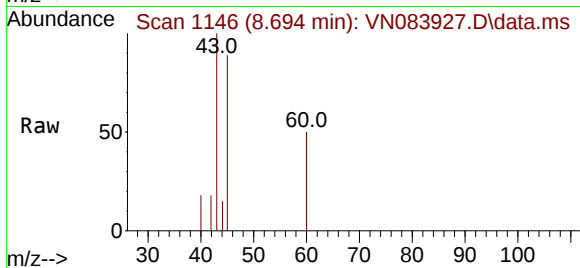
Tgt Ion: 43 Resp: 3293

Ion Ratio Lower Upper

43 100

61 0.0 19.4 29.0#

87 0.0 9.8 14.6#



#44

Trichloroethene

Concen: 47.517 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. -0.000 min

Lab File: VN083927.D

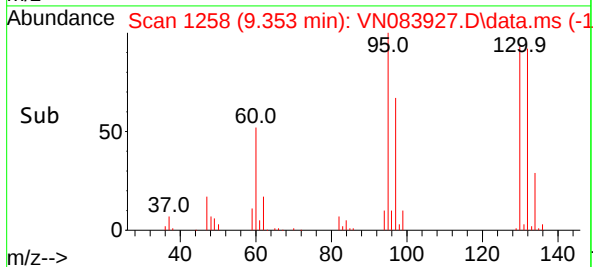
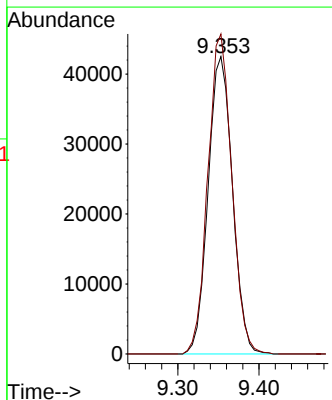
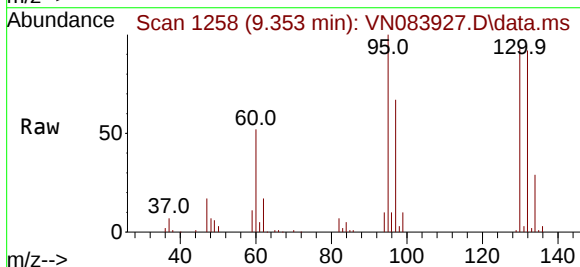
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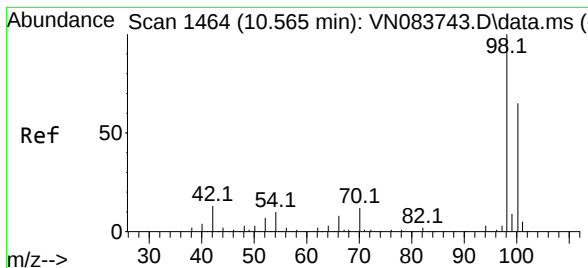
Tgt Ion:130 Resp: 88510

Ion Ratio Lower Upper

130 100

95 107.6 0.0 200.4





#50

Toluene-d8

Concen: 54.223 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083927.D

Acq: 16 Sep 2024 19:03

Instrument :

MSVOA_N

ClientSampleId :

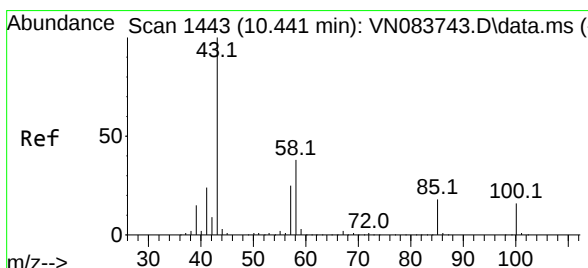
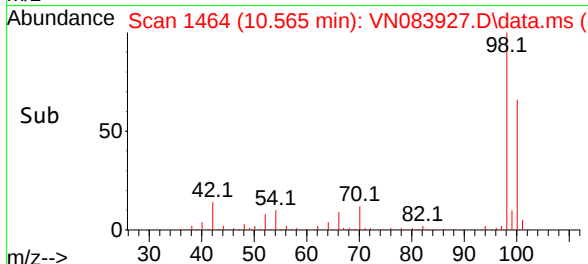
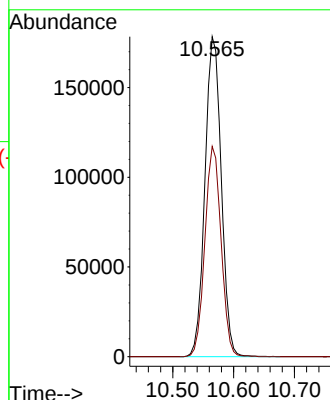
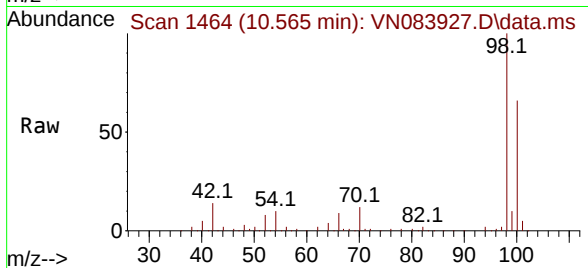
MW305D-20240910DL

Tgt Ion: 98 Resp: 332826

Ion Ratio Lower Upper

98 100

100 65.1 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 0.685 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.129 min

Lab File: VN083927.D

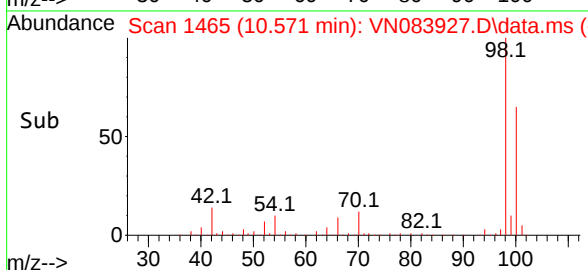
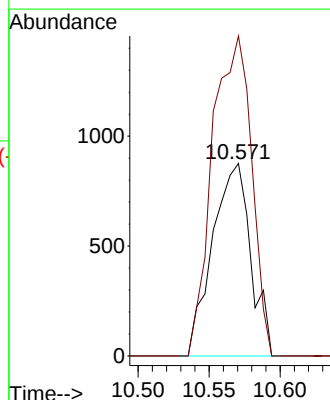
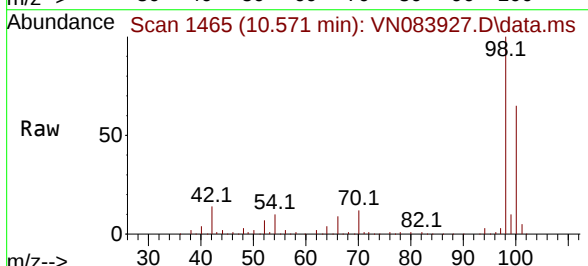
Acq: 16 Sep 2024 19:03

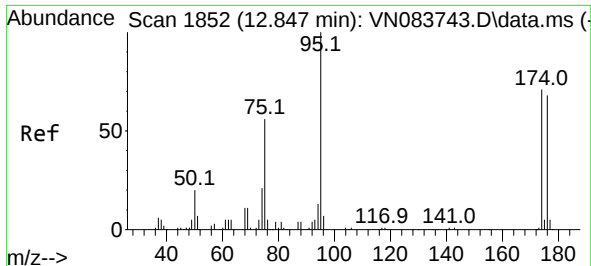
Tgt Ion: 43 Resp: 1639

Ion Ratio Lower Upper

43 100

58 170.2 31.6 47.4#

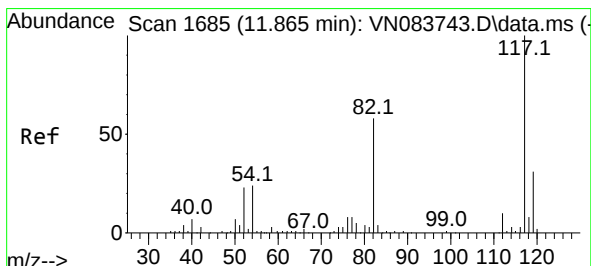
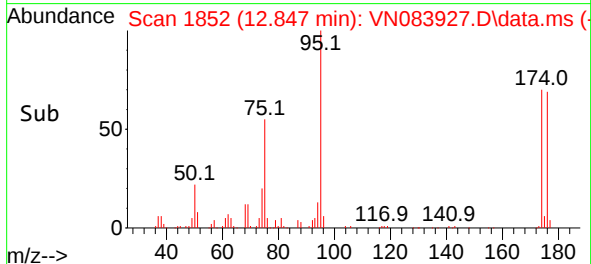
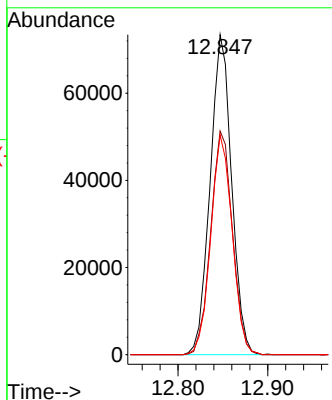
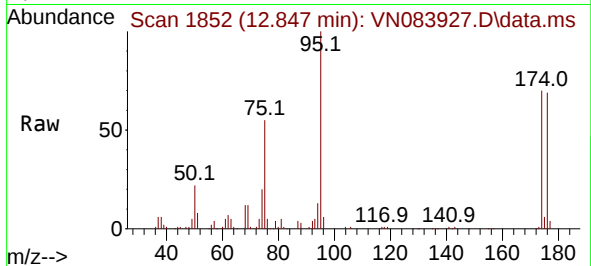




#62
4-Bromofluorobenzene
Concen: 48.217 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083927.D
Acq: 16 Sep 2024 19:03

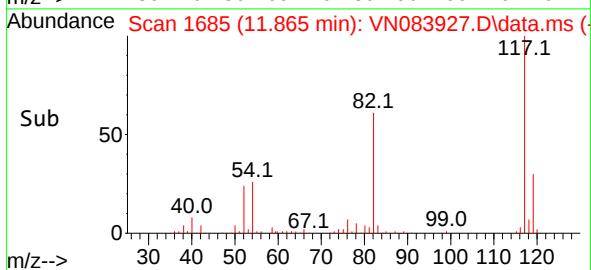
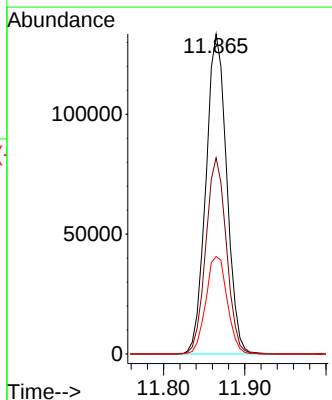
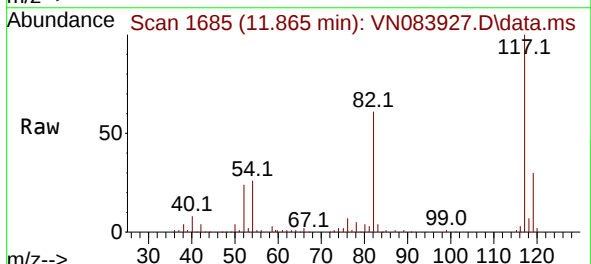
Instrument :
MSVOA_N
ClientSampleId :
MW305D-20240910DL

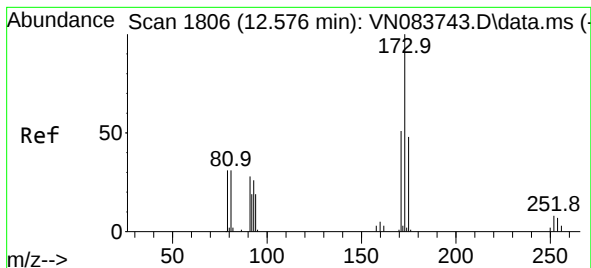
Tgt Ion: 95 Resp: 122106
Ion Ratio Lower Upper
95 100
174 71.0 0.0 139.8
176 68.5 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083927.D
Acq: 16 Sep 2024 19:03

Tgt Ion: 117 Resp: 237362
Ion Ratio Lower Upper
117 100
82 61.3 47.4 71.0
119 30.5 26.3 39.5





#71

Bromoform

Concen: 0.460 ug/l

RT: 12.847 min Scan# 1806

Delta R.T. 0.271 min

Lab File: VN083927.D

Acq: 16 Sep 2024 19:03

Instrument :

MSVOA_N

ClientSampleId :

MW305D-20240910DL

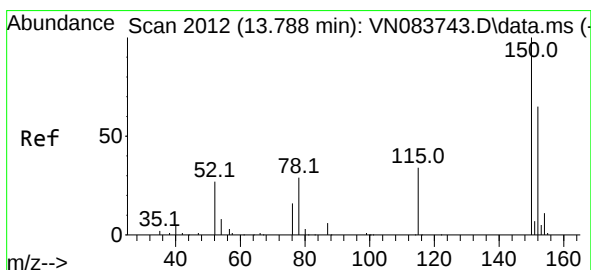
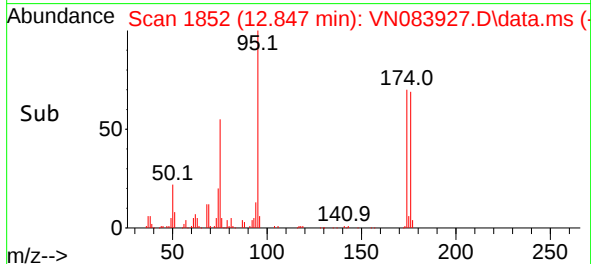
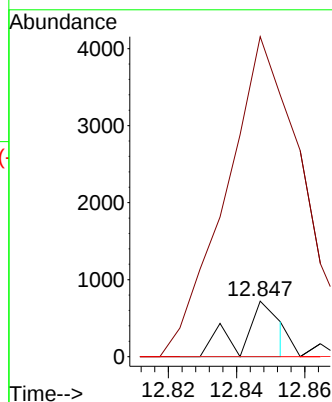
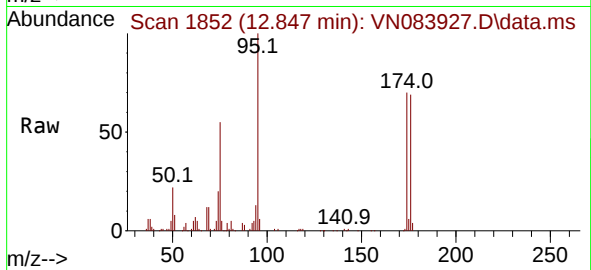
Tgt Ion:173 Resp: 567

Ion Ratio Lower Upper

173 100

175 856.4 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: VN083927.D

Acq: 16 Sep 2024 19:03

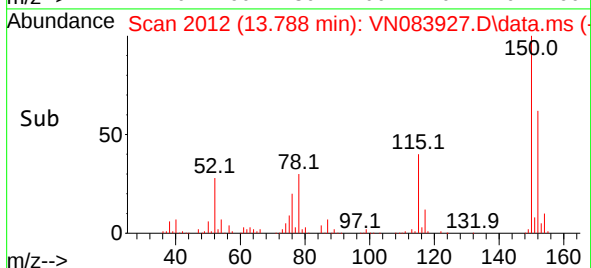
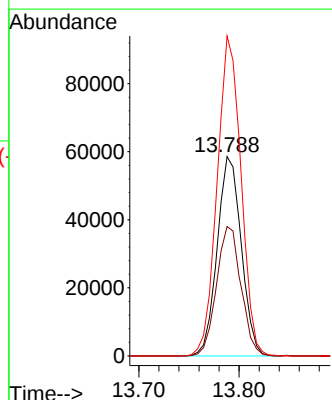
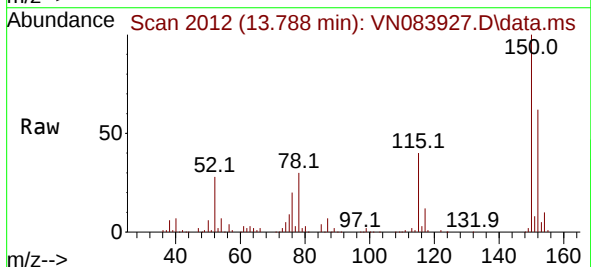
Tgt Ion:152 Resp: 97663

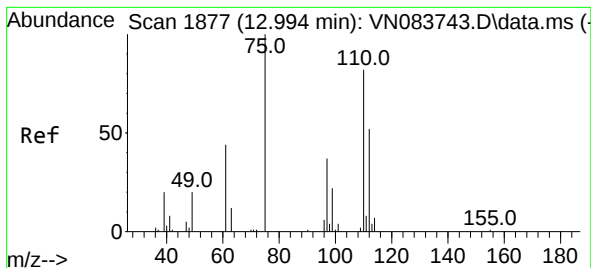
Ion Ratio Lower Upper

152 100

115 65.8 32.2 96.6

150 159.0 0.0 348.6





#76

1,2,3-Trichloropropane

Concen: 35.036 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083927.D

Acq: 16 Sep 2024 19:03

Instrument :

MSVOA_N

ClientSampleId :

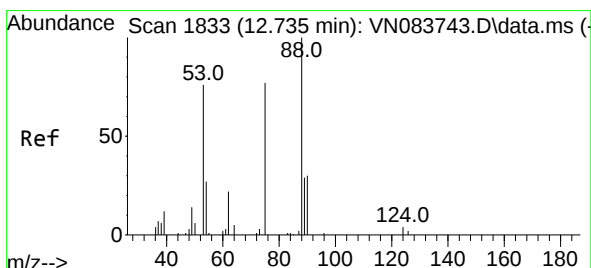
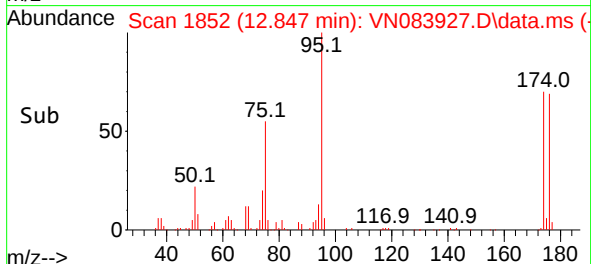
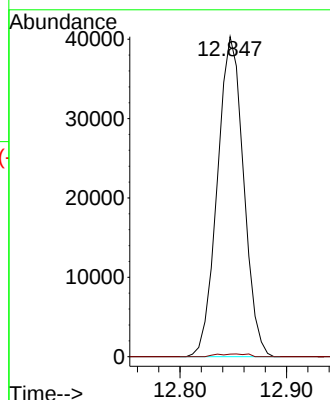
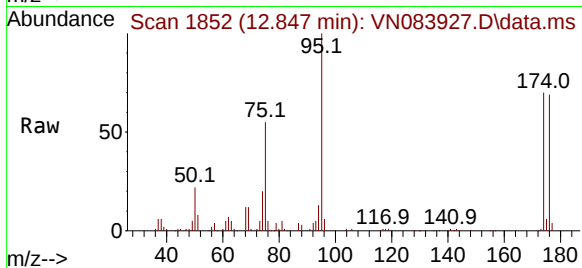
MW305D-20240910DL

Tgt Ion: 75 Resp: 69043

Ion Ratio Lower Upper

75 100

77 1.0 95.2 285.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 91.761 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN083927.D

Acq: 16 Sep 2024 19:03

Tgt Ion: 75 Resp: 69043

Ion Ratio Lower Upper

75 100

53 0.0 81.2 121.8#

89 0.0 35.7 53.5#

