

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
 Data File : VN086919.D
 Acq On : 10 Jun 2025 11:47
 Operator : JC\MD
 Sample : Q2250-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EB02-060525

Quant Time: Jun 11 01:51:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

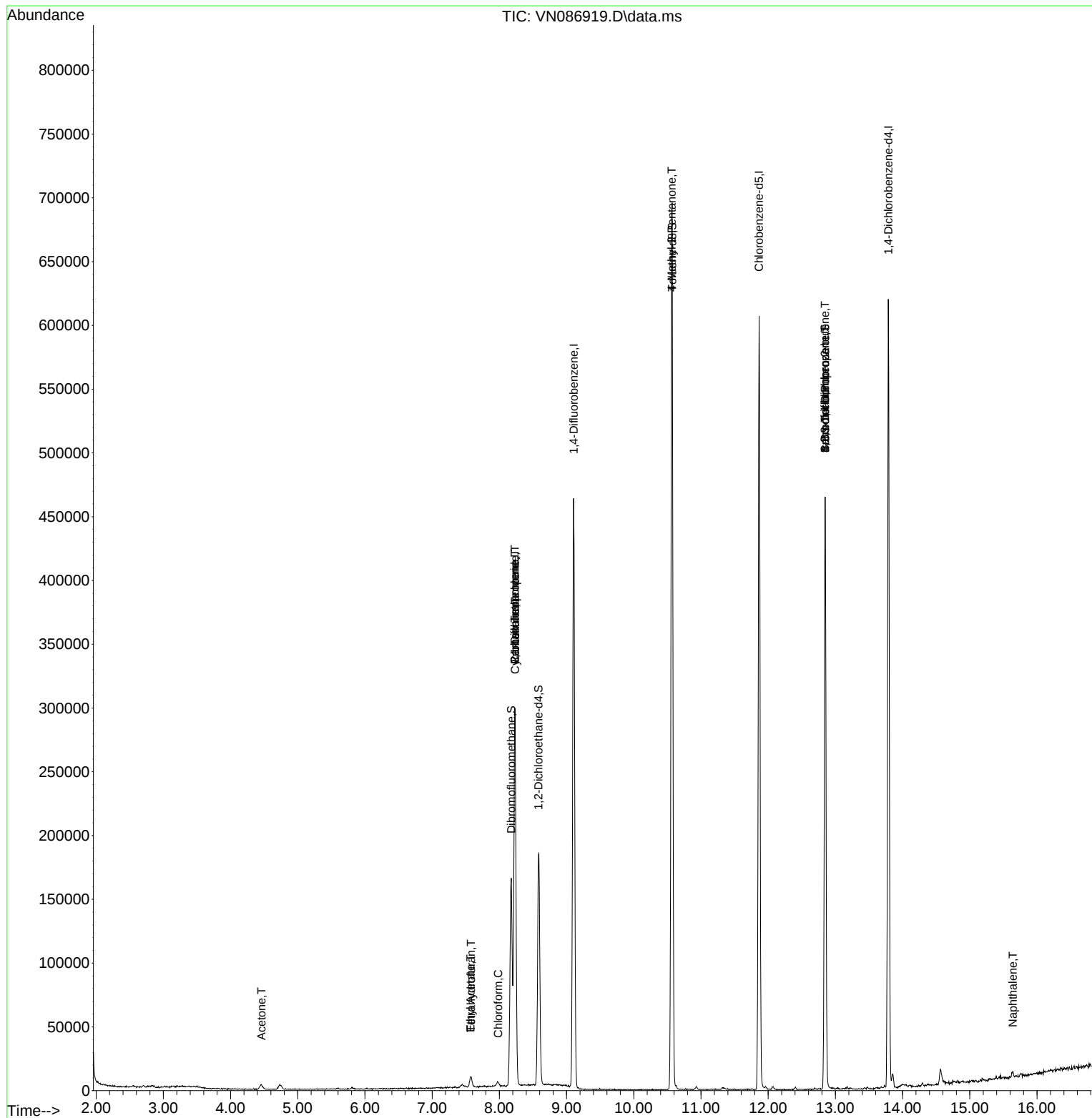
Internal Standards						
1) Pentafluorobenzene	8.230	168	232754	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	433385	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	381245	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	180063	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	149250	47.893	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.780%		
35) Dibromofluoromethane	8.177	113	125229	48.759	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.520%		
50) Toluene-d8	10.571	98	523905	51.528	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.060%		
62) 4-Bromofluorobenzene	12.847	95	184714	48.899	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	97.800%		
Target Compounds						Qvalue
16) Acetone	4.459	43	8050	4.871	ug/l #	85
29) Tetrahydrofuran	7.577	42	603	0.345	ug/l #	31
30) Chloroform	7.983	83	4218	0.810	ug/l	94
31) Cyclohexane	8.236	56	3911	0.774	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	18249	4.768	ug/l #	48
37) Ethyl Acetate	7.571	43	12844	2.636	ug/l	98
38) Carbon Tetrachloride	8.230	117	22943	6.106	ug/l #	17
51) 4-Methyl-2-Pentanone	10.565	43	1799	0.382	ug/l #	1
71) Bromoform	12.847	173	1018	0.508	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	86994	20.325	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	86994	46.787	ug/l #	16
95) Naphthalene	15.641	128	5335	0.395	ug/l #	97

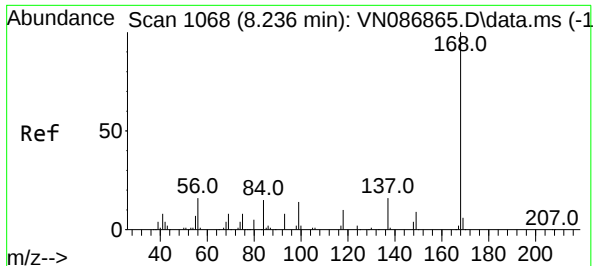
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
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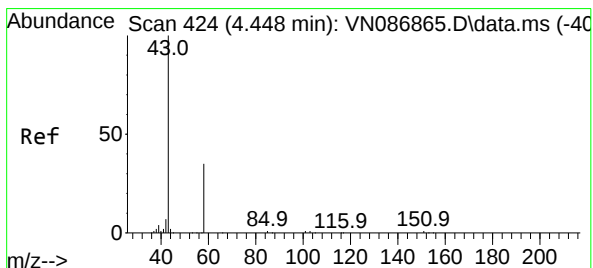
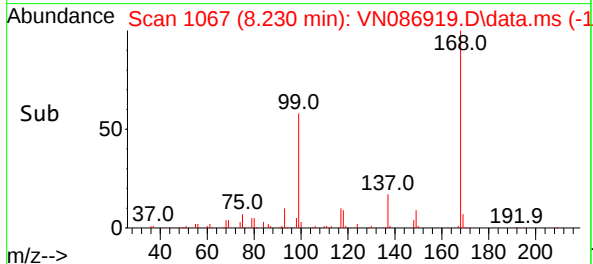
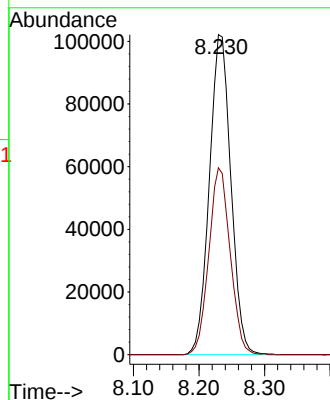
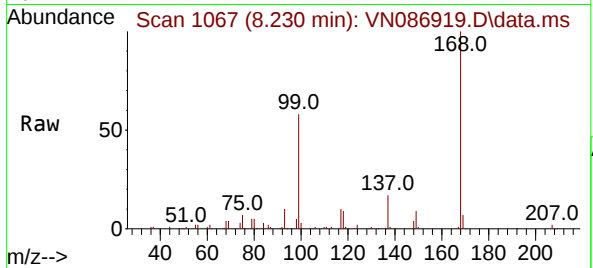




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086919.D
Acq: 10 Jun 2025 11:47

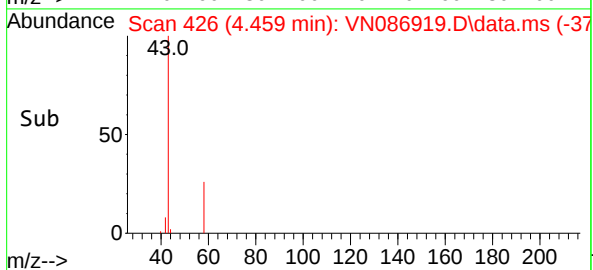
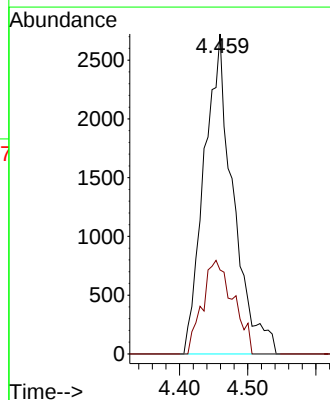
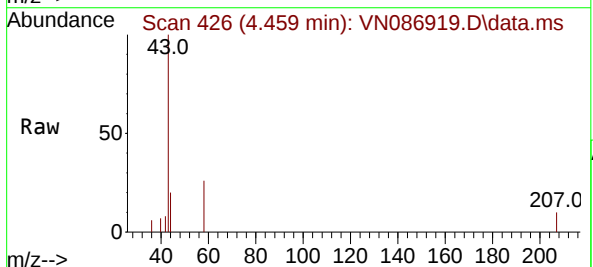
Instrument :
MSVOA_N
ClientSampleId :
EB02-060525

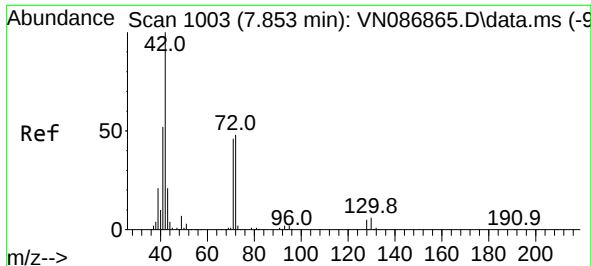
Tgt Ion:168 Resp: 232754
Ion Ratio Lower Upper
168 100
99 58.4 49.1 73.7



#16
Acetone
Concen: 4.871 ug/l
RT: 4.459 min Scan# 426
Delta R.T. 0.012 min
Lab File: VN086919.D
Acq: 10 Jun 2025 11:47

Tgt Ion: 43 Resp: 8050
Ion Ratio Lower Upper
43 100
58 26.3 28.0 42.0#

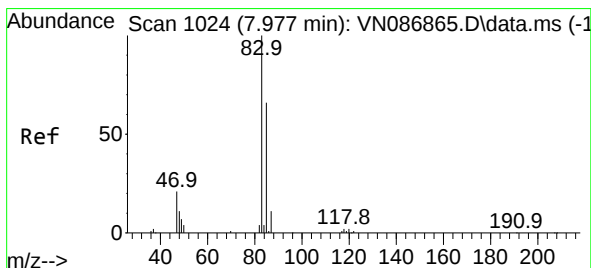
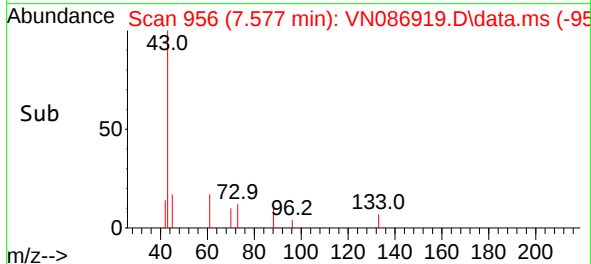
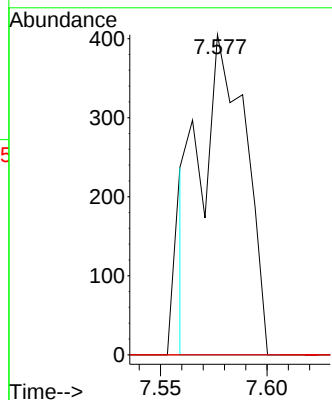
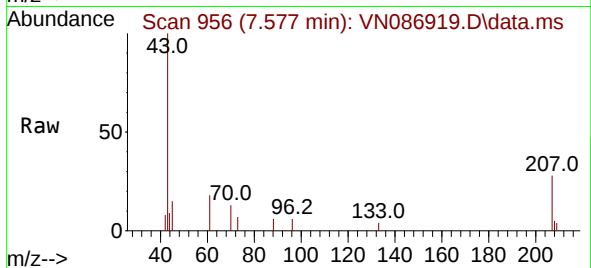




#29
Tetrahydrofuran
Concen: 0.345 ug/l
RT: 7.577 min Scan# 91
Delta R.T. -0.277 min
Lab File: VN086919.D
Acq: 10 Jun 2025 11:47

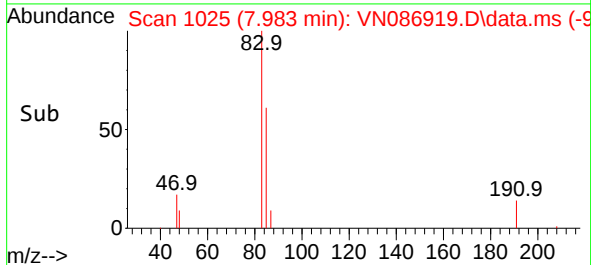
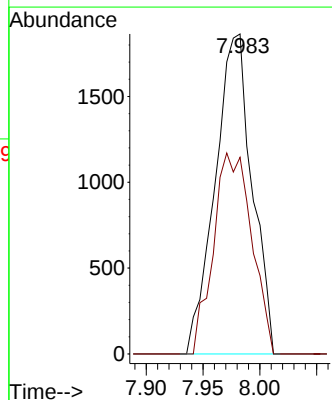
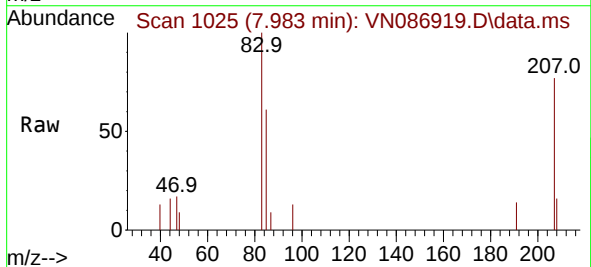
Instrument :
MSVOA_N
ClientSampleId :
EB02-060525

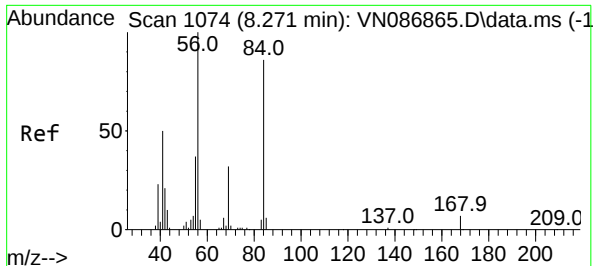
Tgt Ion:	42	Resp:	603
Ion	Ratio	Lower	Upper
42	100		
72	0.0	37.8	56.6#
71	0.0	35.6	53.4#



#30
Chloroform
Concen: 0.810 ug/l
RT: 7.983 min Scan# 1025
Delta R.T. 0.006 min
Lab File: VN086919.D
Acq: 10 Jun 2025 11:47

Tgt Ion:	83	Resp:	4218
Ion	Ratio	Lower	Upper
83	100		
85	61.4	52.9	79.3

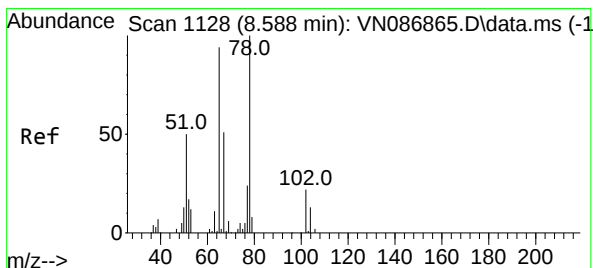
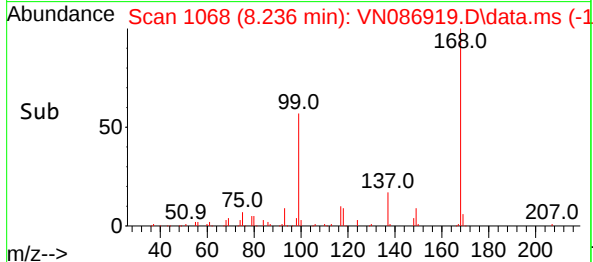
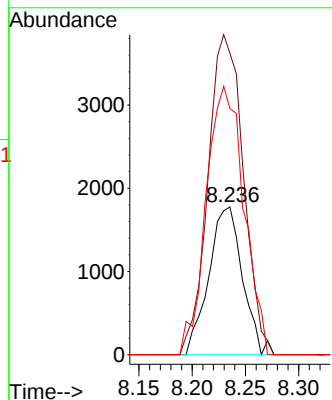
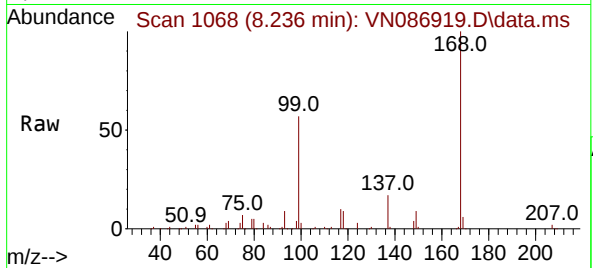




#31
Cyclohexane
Concen: 0.774 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.035 min
Lab File: VN086919.D
Acq: 10 Jun 2025 11:47

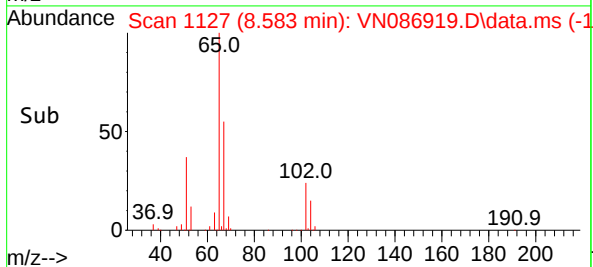
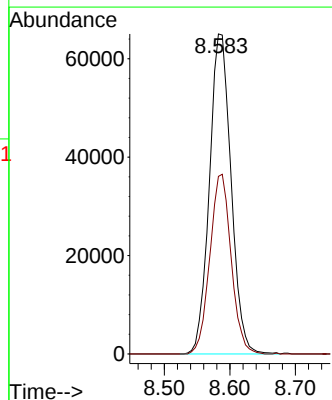
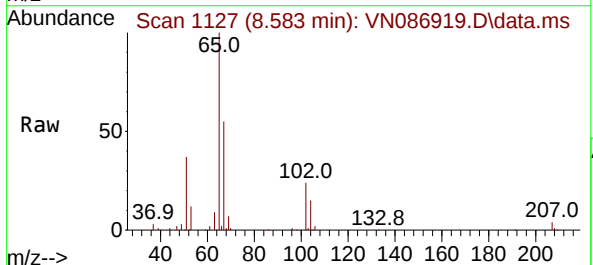
Instrument :
MSVOA_N
ClientSampleId :
EB02-060525

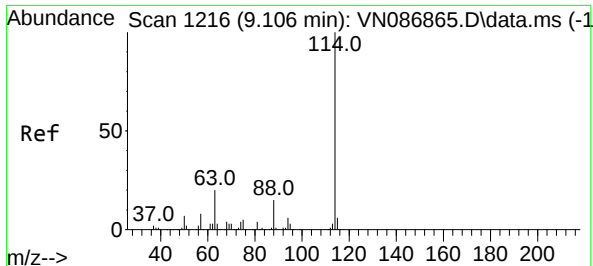
Tgt Ion: 56 Resp: 3911
Ion Ratio Lower Upper
56 100
69 203.9 25.4 38.0#
84 166.4 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 47.893 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN086919.D
Acq: 10 Jun 2025 11:47

Tgt Ion: 65 Resp: 149250
Ion Ratio Lower Upper
65 100
67 55.1 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086919.D

Acq: 10 Jun 2025 11:47

Instrument :

MSVOA_N

ClientSampleId :

EB02-060525

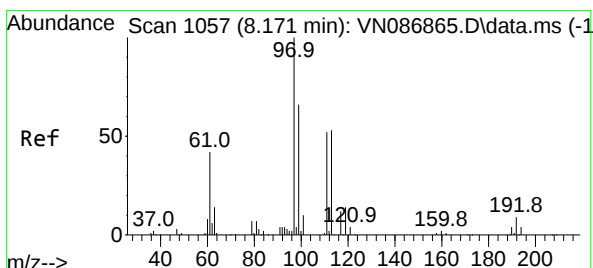
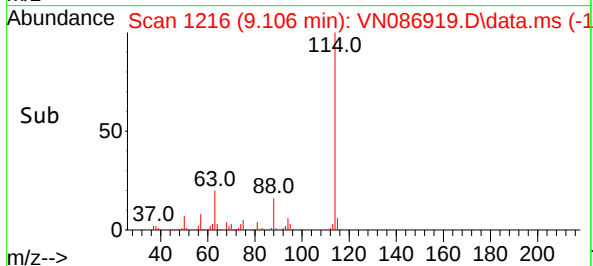
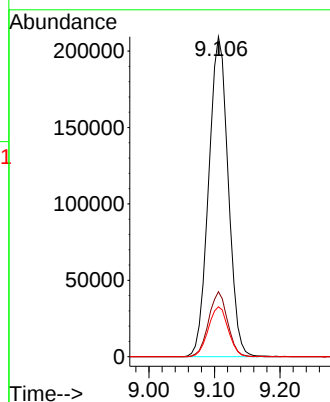
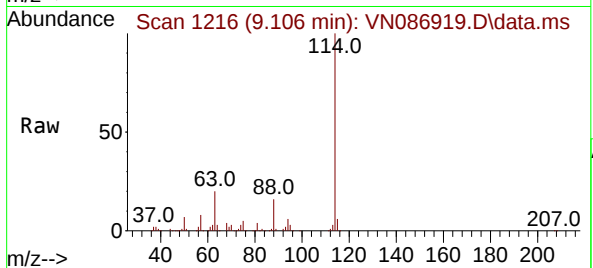
Tgt Ion:114 Resp: 433385

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.6

88 15.6 0.0 30.2



#35

Dibromofluoromethane

Concen: 48.759 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN086919.D

Acq: 10 Jun 2025 11:47

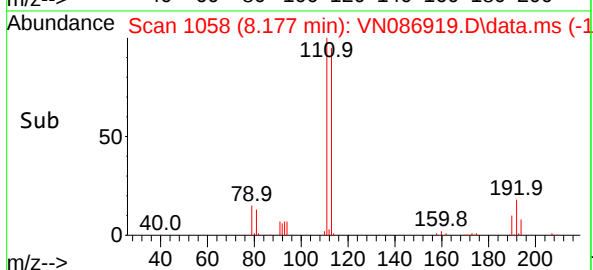
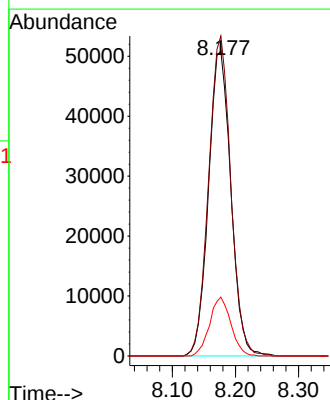
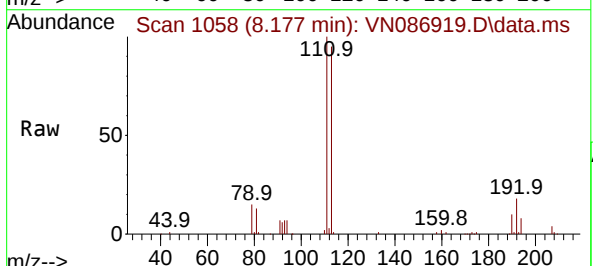
Tgt Ion:113 Resp: 125229

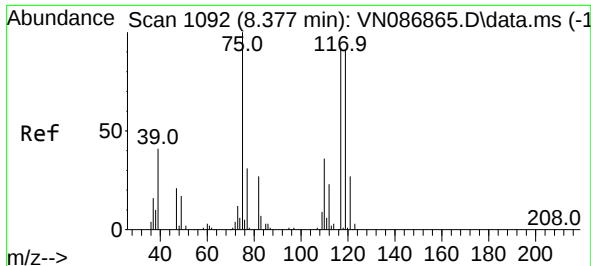
Ion Ratio Lower Upper

113 100

111 103.7 84.2 126.2

192 18.4 14.2 21.4





#36

1,1-Dichloropropene

Concen: 4.768 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.147 min

Lab File: VN086919.D

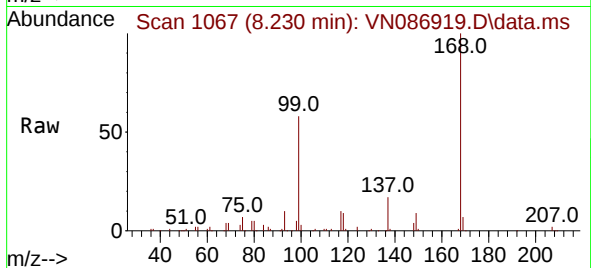
Acq: 10 Jun 2025 11:47

Instrument :

MSVOA_N

ClientSampleId :

EB02-060525



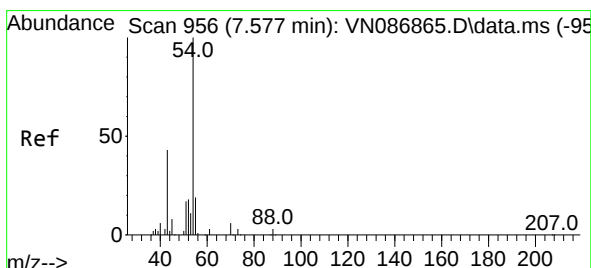
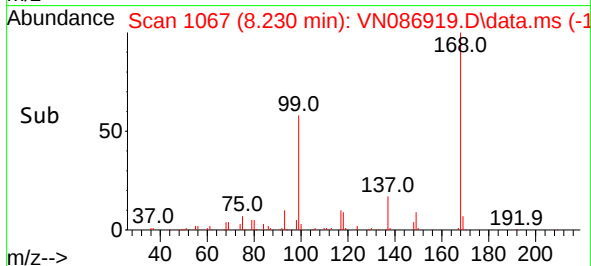
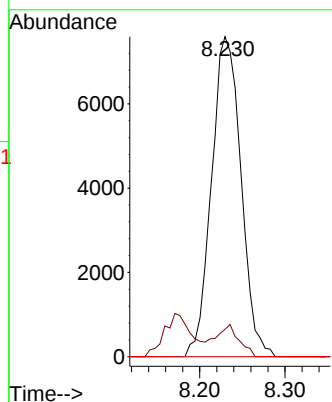
Tgt Ion: 75 Resp: 18249

Ion Ratio Lower Upper

75 100

110 7.9 17.6 52.9#

77 0.0 25.3 37.9#



#37

Ethyl Acetate

Concen: 2.636 ug/l

RT: 7.571 min Scan# 955

Delta R.T. -0.006 min

Lab File: VN086919.D

Acq: 10 Jun 2025 11:47

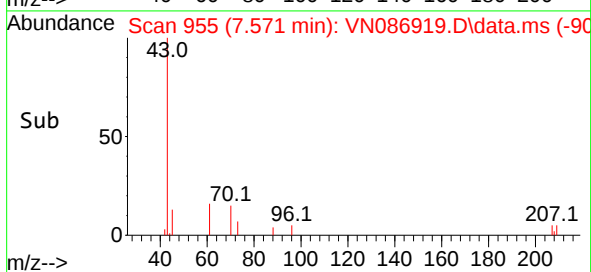
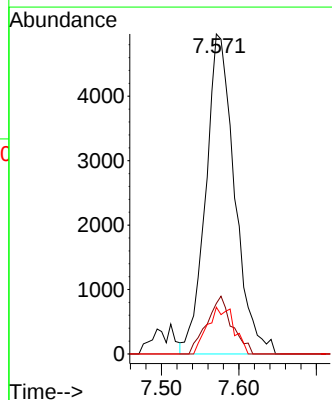
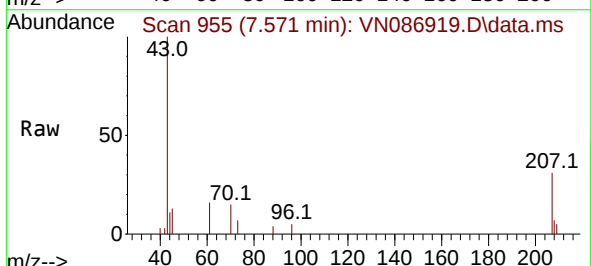
Tgt Ion: 43 Resp: 12844

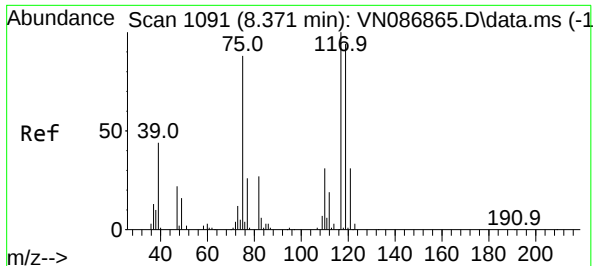
Ion Ratio Lower Upper

43 100

61 15.8 12.1 18.1

70 13.4 9.8 14.6

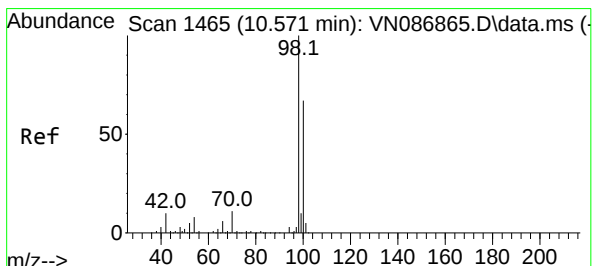
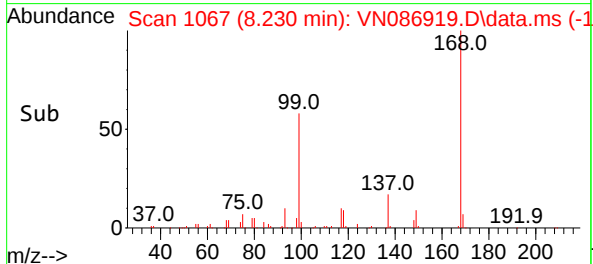
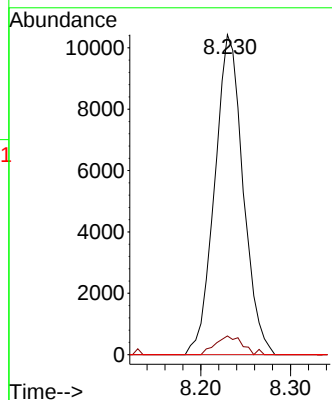
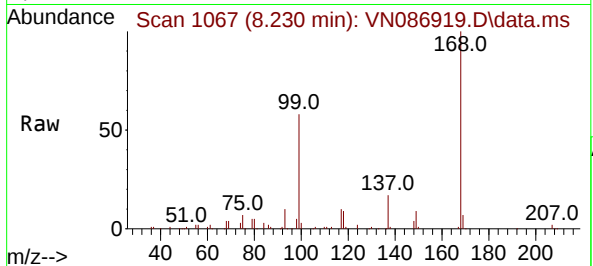




#38
Carbon Tetrachloride
Concen: 6.106 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN086919.D
Acq: 10 Jun 2025 11:47

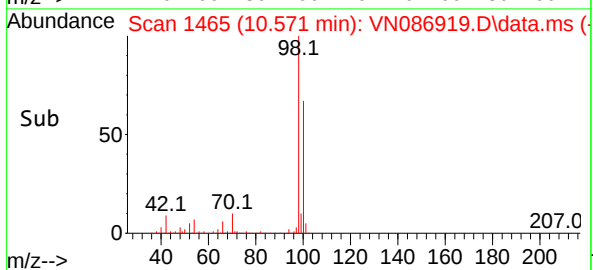
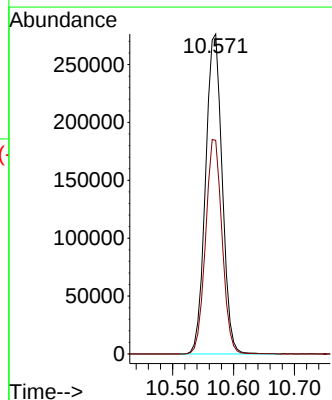
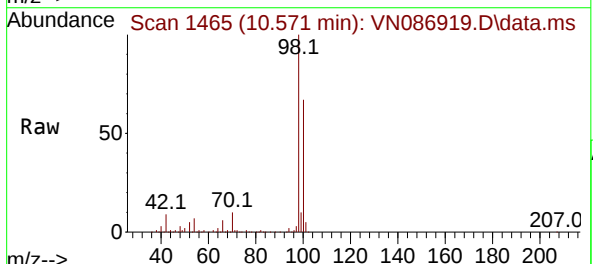
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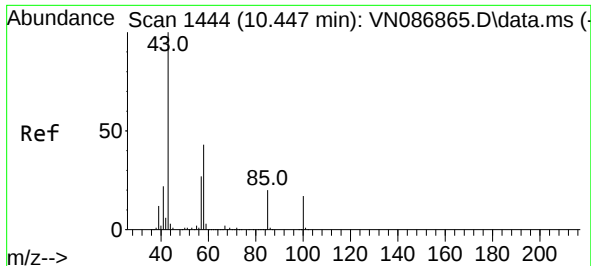
Tgt Ion:117 Resp: 22943
Ion Ratio Lower Upper
117 100
119 5.8 75.0 112.6#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 51.528 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN086919.D
Acq: 10 Jun 2025 11:47

Tgt Ion: 98 Resp: 523905
Ion Ratio Lower Upper
98 100
100 66.5 53.4 80.0

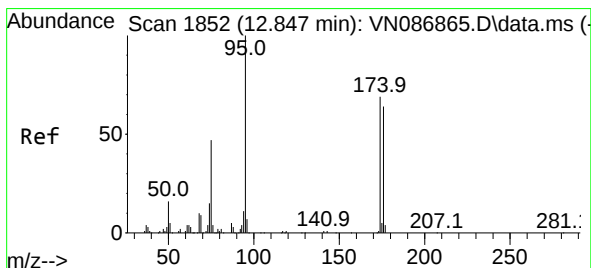
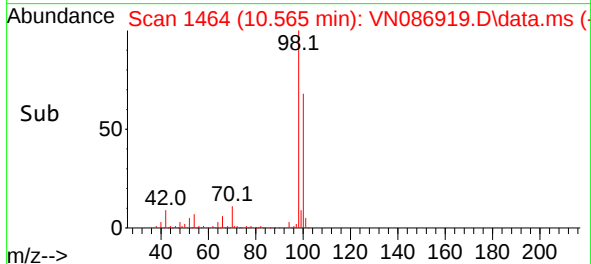
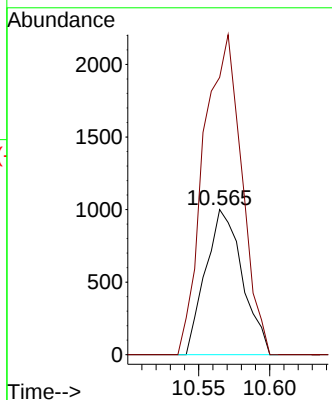
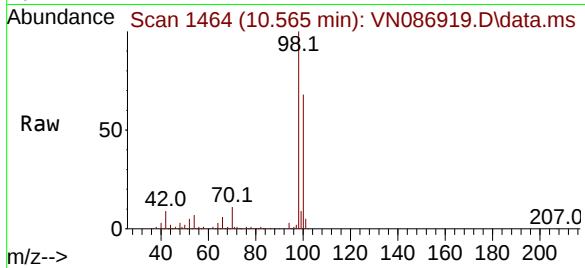




#51
4-Methyl-2-Pentanone
Concen: 0.382 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN086919.D
Acq: 10 Jun 2025 11:47

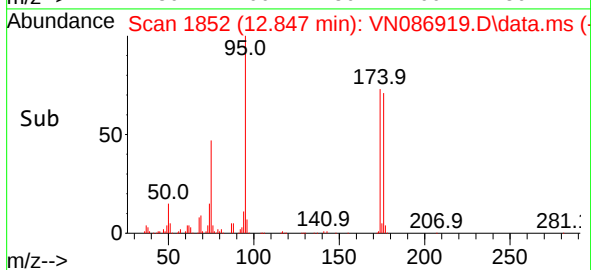
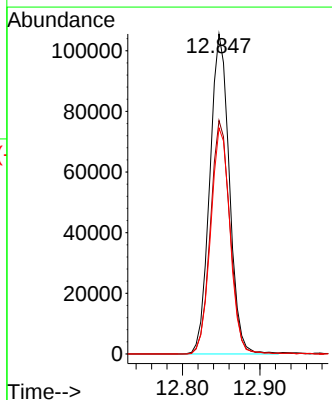
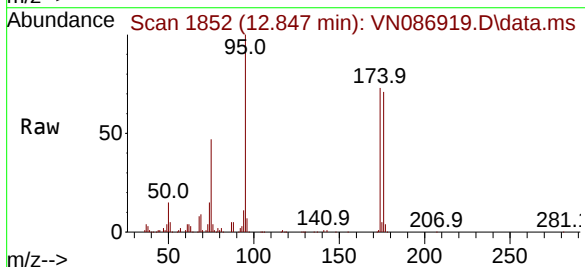
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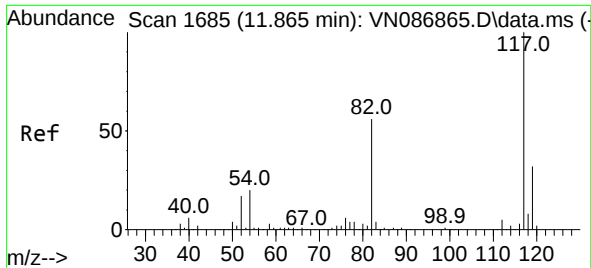
Tgt Ion: 43 Resp: 1799
Ion Ratio Lower Upper
43 100
58 229.1 34.2 51.4#



#62
4-Bromofluorobenzene
Concen: 48.899 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086919.D
Acq: 10 Jun 2025 11:47

Tgt Ion: 95 Resp: 184714
Ion Ratio Lower Upper
95 100
174 73.1 0.0 141.8
176 70.0 0.0 132.6

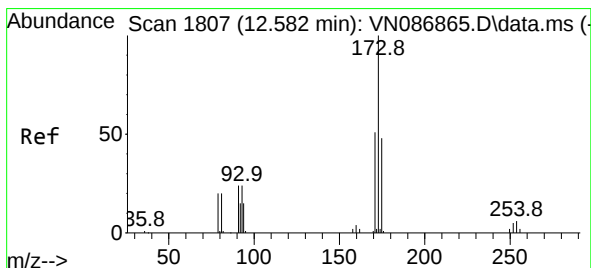
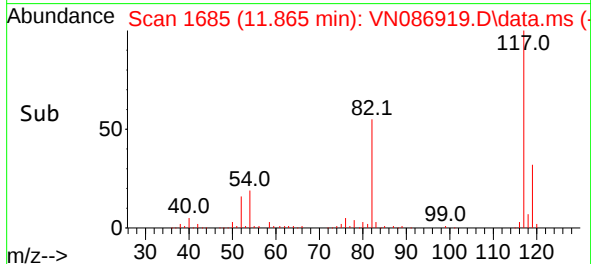
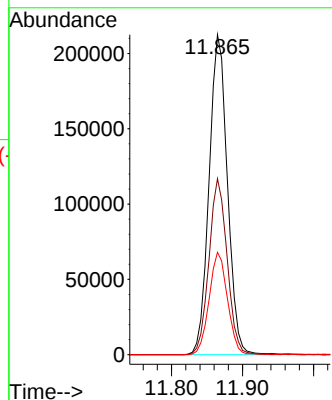
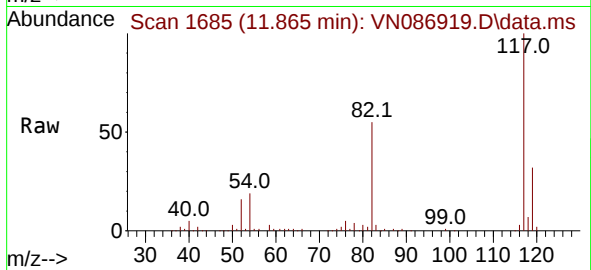




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086919.D
Acq: 10 Jun 2025 11:47

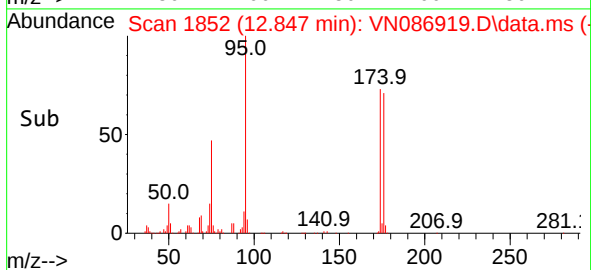
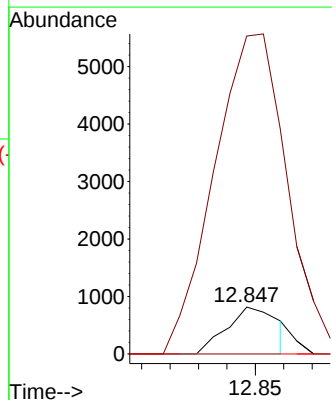
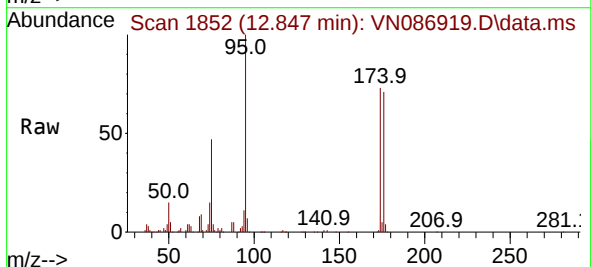
Instrument :
MSVOA_N
ClientSampleId :
EB02-060525

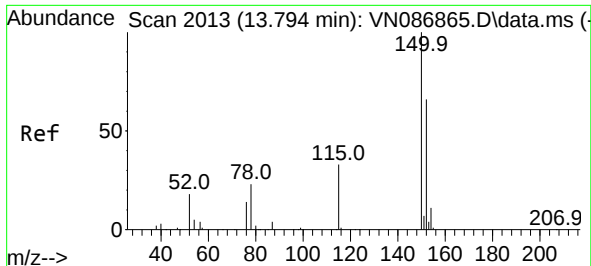
Tgt Ion:117 Resp: 381245
Ion Ratio Lower Upper
117 100
82 55.0 44.6 67.0
119 32.0 25.5 38.3



#71
Bromoform
Concen: 0.508 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.265 min
Lab File: VN086919.D
Acq: 10 Jun 2025 11:47

Tgt Ion:173 Resp: 1018
Ion Ratio Lower Upper
173 100
175 865.6 24.1 72.4#
254 0.0 0.0 0.0

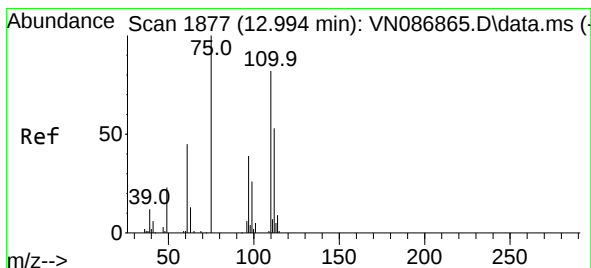
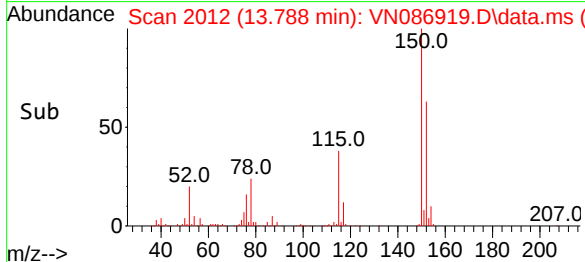
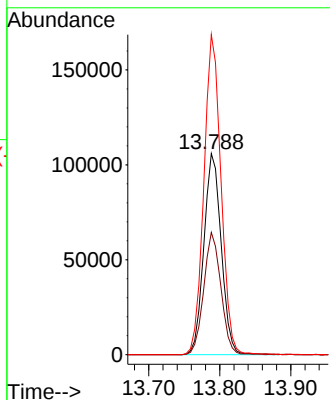
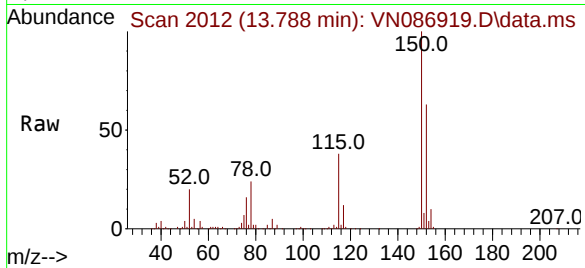




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN086919.D
 Acq: 10 Jun 2025 11:47

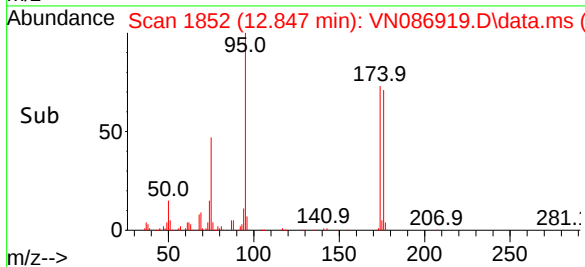
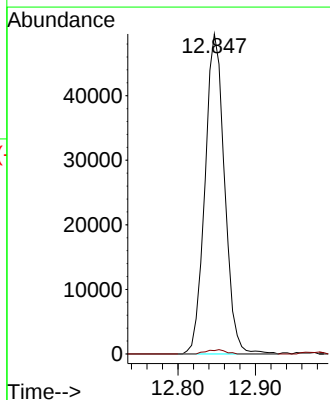
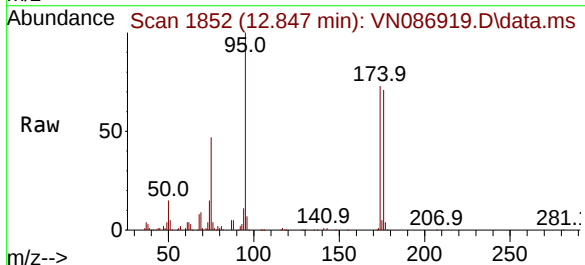
Instrument :
 MSVOA_N
 ClientSampleId :
 EB02-060525

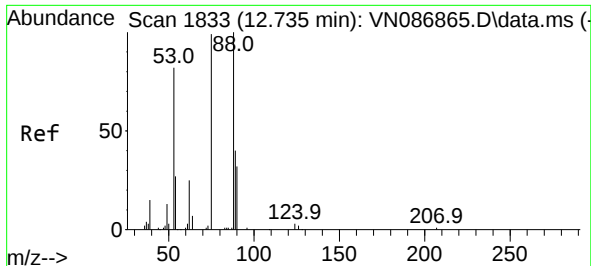
Tgt Ion:152 Resp: 180063
 Ion Ratio Lower Upper
 152 100
 115 60.2 30.1 90.5
 150 157.3 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 20.325 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN086919.D
 Acq: 10 Jun 2025 11:47

Tgt Ion: 75 Resp: 86994
 Ion Ratio Lower Upper
 75 100
 77 1.3 79.3 237.9#

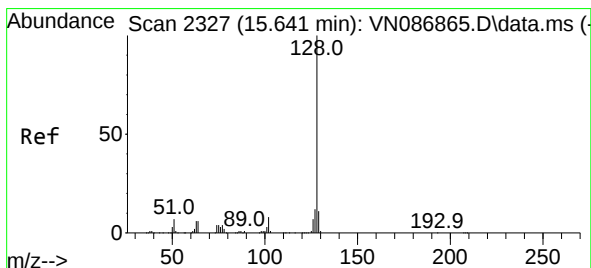
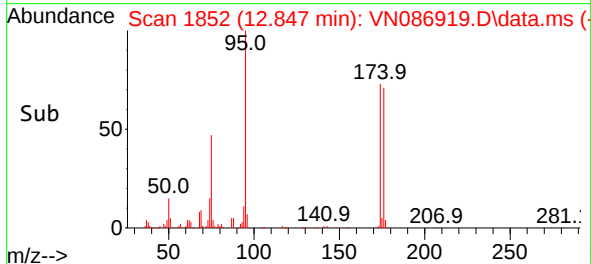
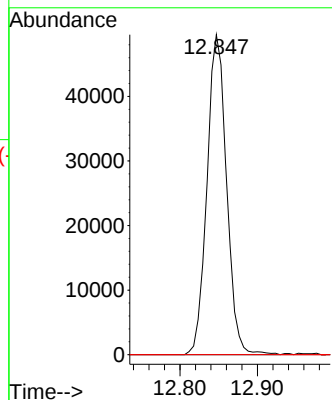
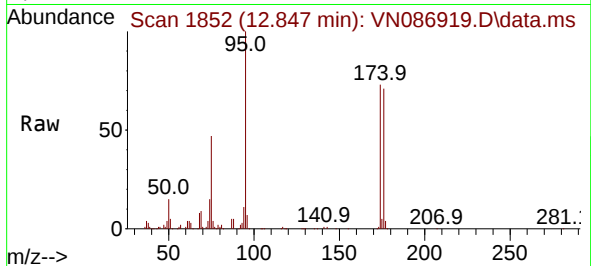




#81
trans-1,4-Dichloro-2-butene
Concen: 46.787 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN086919.D
Acq: 10 Jun 2025 11:47

Instrument :
MSVOA_N
ClientSampleId :
EB02-060525

Tgt Ion: 75 Resp: 86994
Ion Ratio Lower Upper
75 100
53 0.0 66.6 99.8#
89 0.0 36.7 55.1#



#95
Naphthalene
Concen: 0.395 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN086919.D
Acq: 10 Jun 2025 11:47

Tgt Ion:128 Resp: 5335
Ion Ratio Lower Upper
128 100
127 12.4 10.2 15.2
129 8.5 8.8 13.2#

