

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062025\
 Data File : VN087134.D
 Acq On : 20 Jun 2025 13:25
 Operator : JC\MD
 Sample : Q2367-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP-5

Quant Time: Jun 20 23:05:04 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

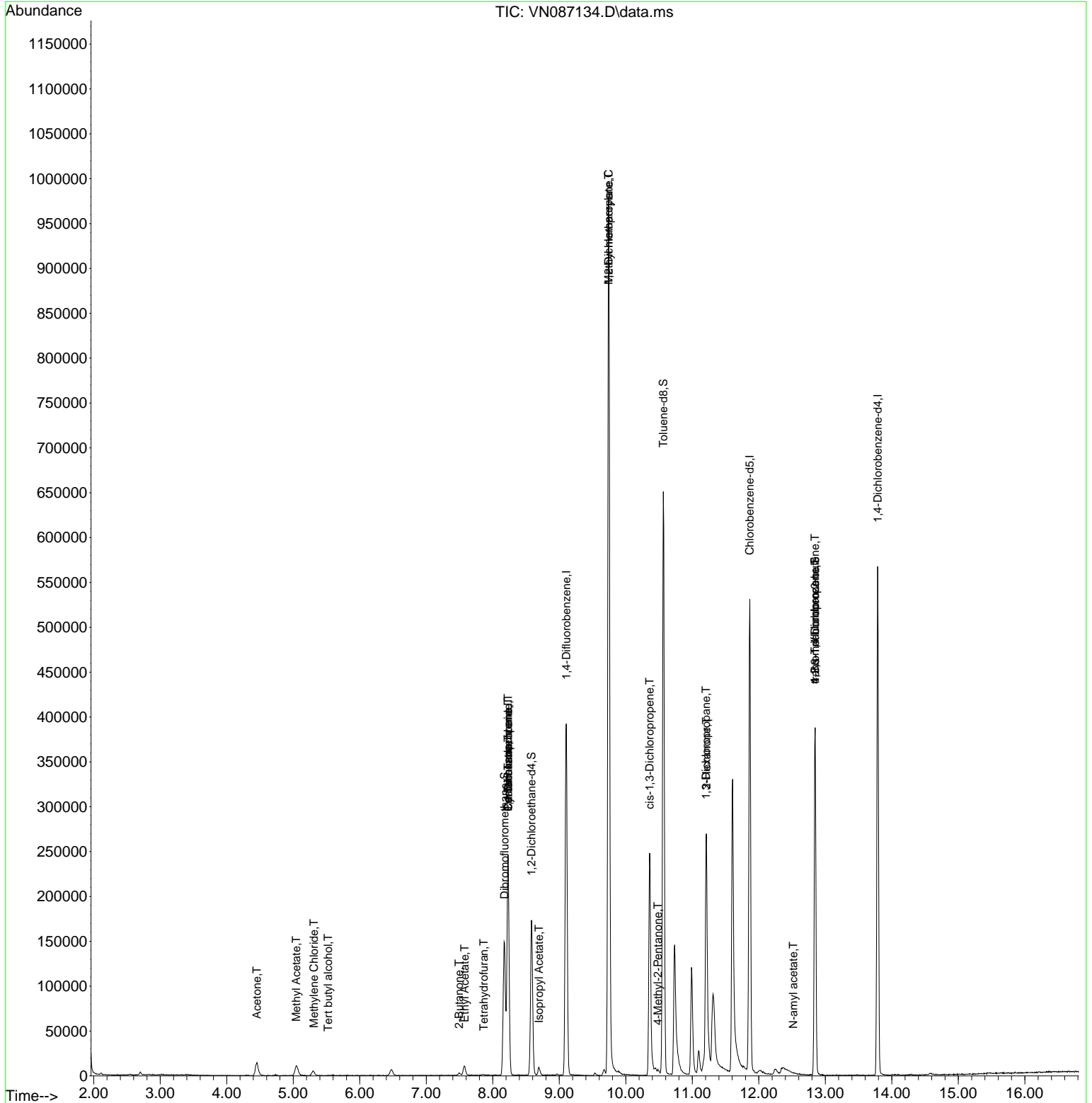
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.229	168	192356	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	377316	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	330374	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	161184	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	137972	53.572	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	107.140%	
35) Dibromofluoromethane	8.177	113	117751	52.660	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	105.320%	
50) Toluene-d8	10.565	98	478261	54.029	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	108.060%	
62) 4-Bromofluorobenzene	12.847	95	157135	47.779	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	95.560%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.524	59	687	0.983	ug/l #	73
16) Acetone	4.453	43	30100	22.039	ug/l	97
18) Methyl Acetate	5.047	43	24914	6.260	ug/l	99
20) Methylene Chloride	5.312	84	4907	1.919	ug/l #	78
25) 2-Butanone	7.494	43	4121	1.856	ug/l #	78
29) Tetrahydrofuran	7.865	42	696	0.481	ug/l #	57
31) Cyclohexane	8.229	56	3487	0.835	ug/l #	1
36) 1,1-Dichloropropene	8.229	75	13952	4.187	ug/l #	48
37) Ethyl Acetate	7.577	43	16897	3.984	ug/l	99
38) Carbon Tetrachloride	8.229	117	19457	5.948	ug/l #	16
43) Isopropyl Acetate	8.694	43	10199	1.498	ug/l	96
45) 1,2-Dichloropropane	9.741	63	1395	0.526	ug/l #	43
48) Methyl methacrylate	9.741	41	82765	26.414	ug/l #	35
51) 4-Methyl-2-Pentanone	10.482	43	3388	0.827	ug/l #	33
54) cis-1,3-Dichloropropene	10.359	75	60931	14.058	ug/l #	56
57) 1,3-Dichloropropane	11.206	76	3658	0.823	ug/l #	43
59) 2-Hexanone	11.212	43	41691	15.793	ug/l #	54
74) N-amyl acetate	12.517	43	948	0.231	ug/l #	44
76) 1,2,3-Trichloropropane	12.847	75	72390	18.894	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	72390	43.493	ug/l #	16

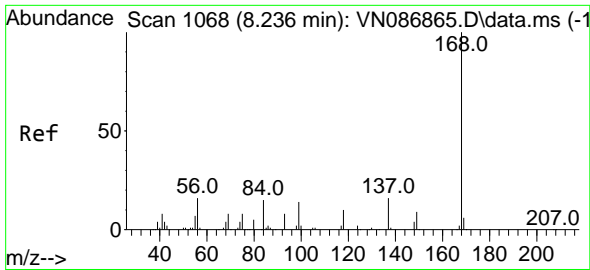
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062025\
 Data File : VN087134.D
 Acq On : 20 Jun 2025 13:25
 Operator : JC\MD
 Sample : Q2367-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP-5

Quant Time: Jun 20 23:05:04 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

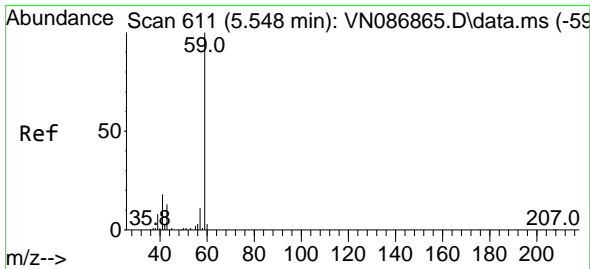
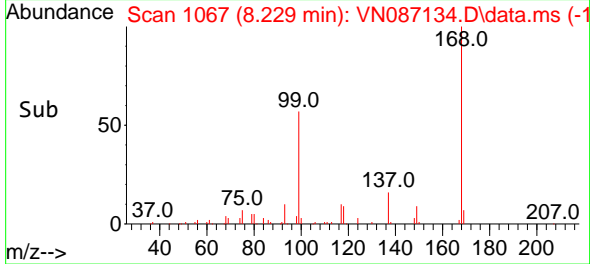
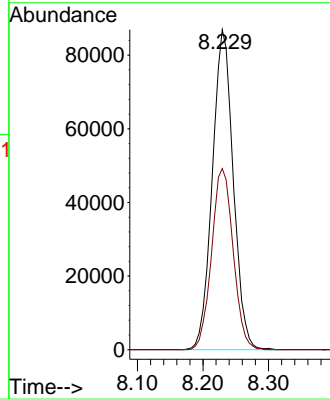
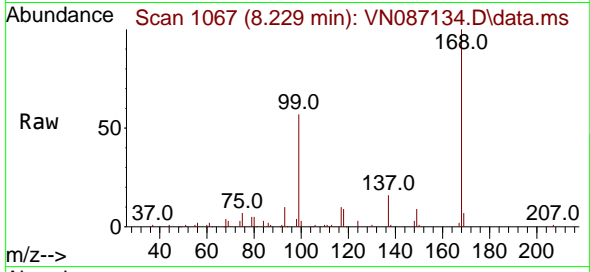




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.229 min Scan# 1067
 Delta R.T. -0.007 min
 Lab File: VN087134.D
 Acq: 20 Jun 2025 13:25

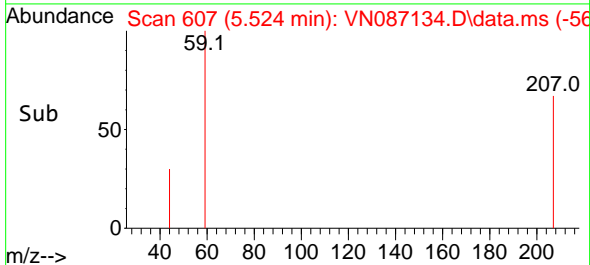
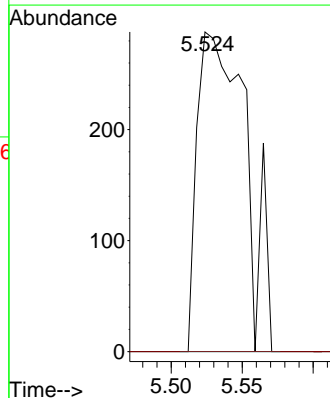
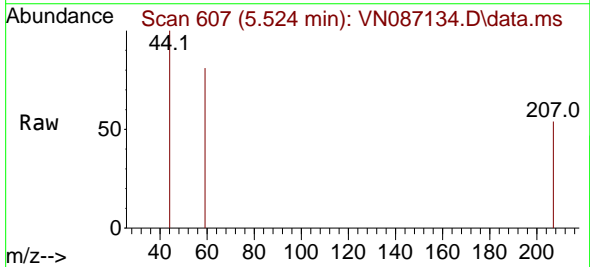
Instrument : MSVOA_N
 ClientSampleId : EP-5

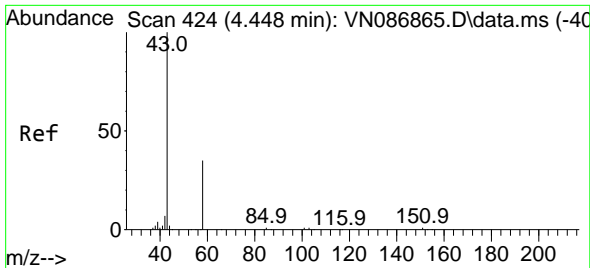
Tgt Ion:168 Resp: 192356
 Ion Ratio Lower Upper
 168 100
 99 56.6 49.1 73.7



#11
 Tert butyl alcohol
 Concen: 0.983 ug/l
 RT: 5.524 min Scan# 607
 Delta R.T. -0.024 min
 Lab File: VN087134.D
 Acq: 20 Jun 2025 13:25

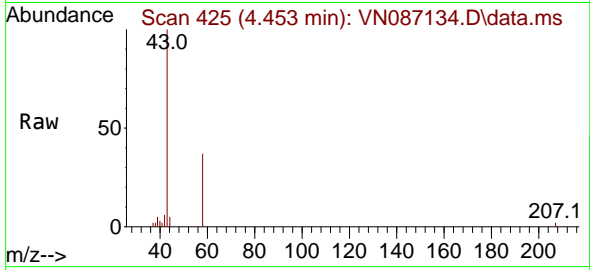
Tgt Ion: 59 Resp: 687
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.1 12.1#



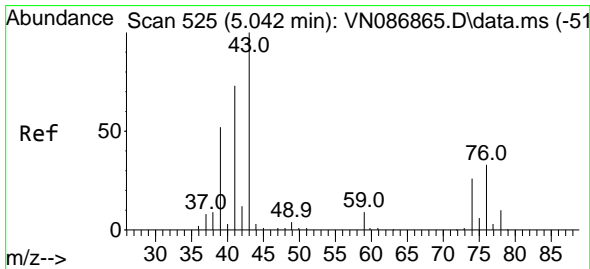
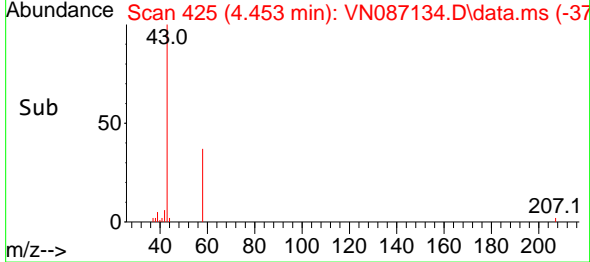
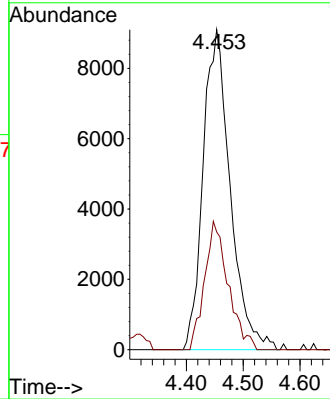


#16
 Acetone
 Concen: 22.039 ug/l
 RT: 4.453 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VN087134.D
 Acq: 20 Jun 2025 13:25

Instrument :
 MSVOA_N
 ClientSampleId :
 EP-5

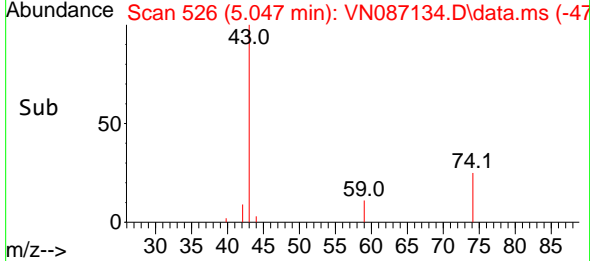
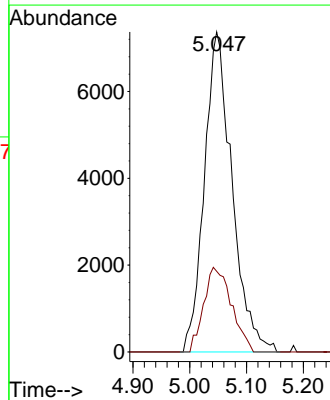
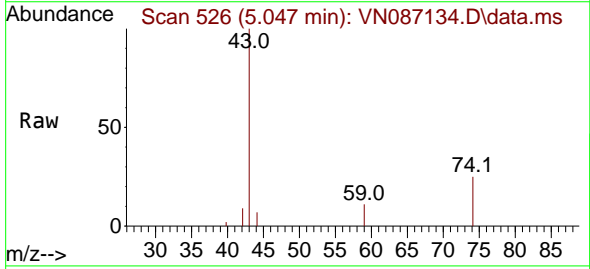


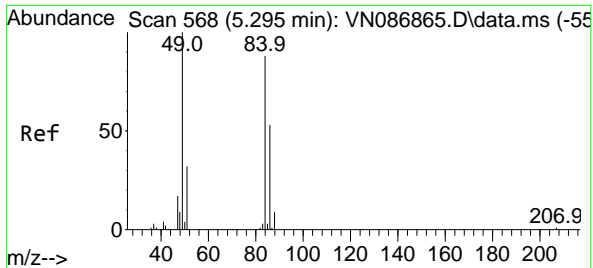
Tgt Ion: 43 Resp: 30100
 Ion Ratio Lower Upper
 43 100
 58 36.8 28.0 42.0



#18
 Methyl Acetate
 Concen: 6.260 ug/l
 RT: 5.047 min Scan# 526
 Delta R.T. 0.006 min
 Lab File: VN087134.D
 Acq: 20 Jun 2025 13:25

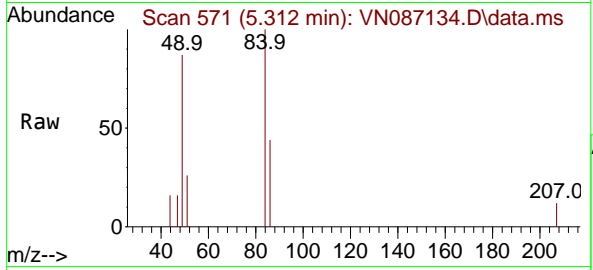
Tgt Ion: 43 Resp: 24914
 Ion Ratio Lower Upper
 43 100
 74 26.5 20.7 31.1





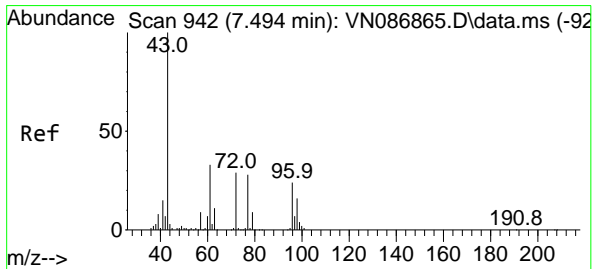
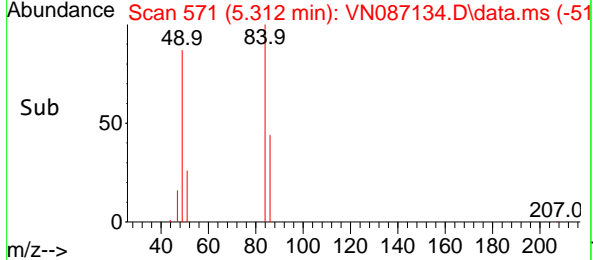
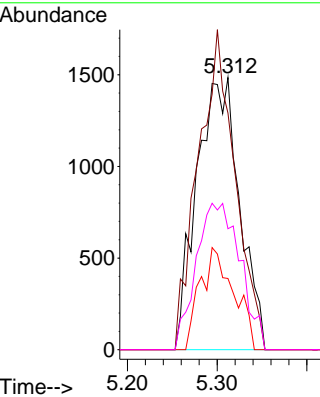
#20
 Methylene Chloride
 Concen: 1.919 ug/l
 RT: 5.312 min Scan# 51
 Delta R.T. 0.017 min
 Lab File: VN087134.D
 Acq: 20 Jun 2025 13:25

Instrument : MSVOA_N
 ClientSampleId : EP-5



Tgt Ion: 84 Resp: 4907

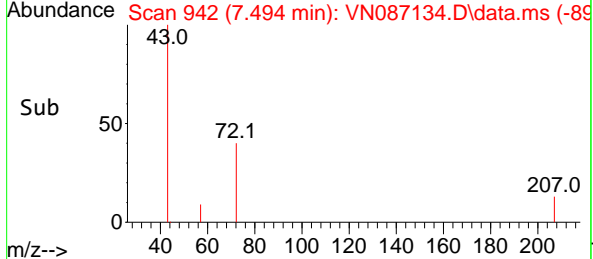
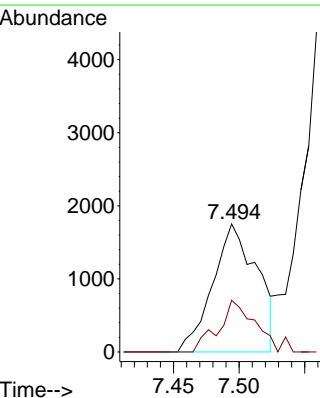
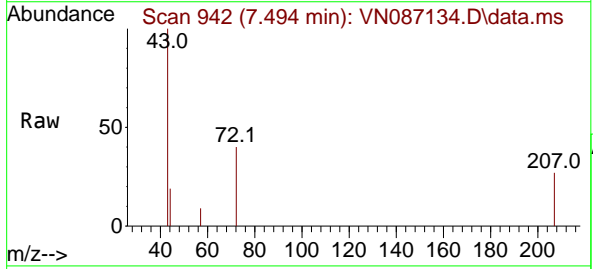
Ion	Ratio	Lower	Upper
84	100		
49	86.9	90.5	135.7#
51	26.2	28.5	42.7#
86	44.4	48.1	72.1#

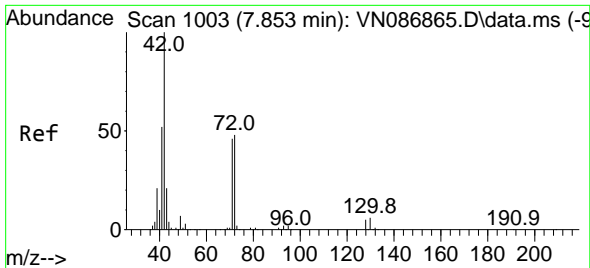


#25
 2-Butanone
 Concen: 1.856 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. -0.000 min
 Lab File: VN087134.D
 Acq: 20 Jun 2025 13:25

Tgt Ion: 43 Resp: 4121

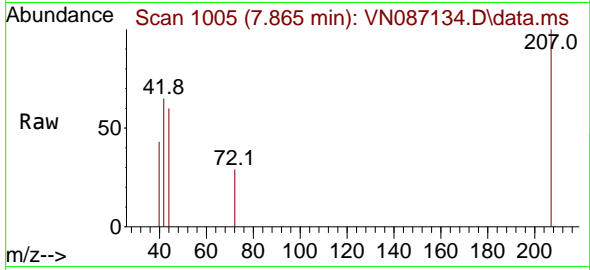
Ion	Ratio	Lower	Upper
43	100		
72	40.4	23.0	34.6#



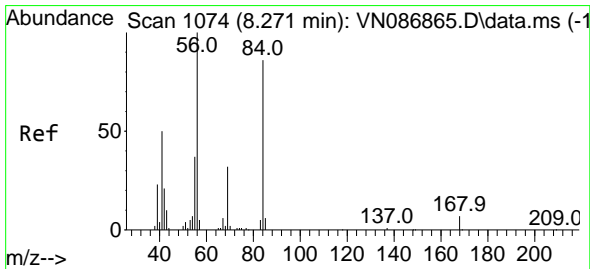
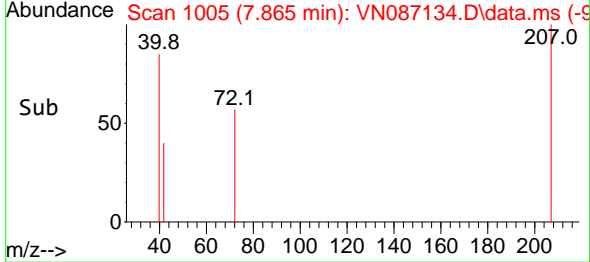
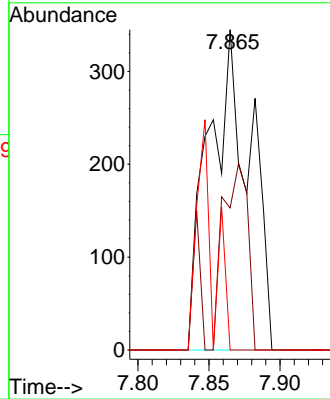


#29
 Tetrahydrofuran
 Concen: 0.481 ug/l
 RT: 7.865 min Scan# 1005
 Delta R.T. 0.012 min
 Lab File: VN087134.D
 Acq: 20 Jun 2025 13:25

Instrument : MSVOA_N
 ClientSampleId : EP-5

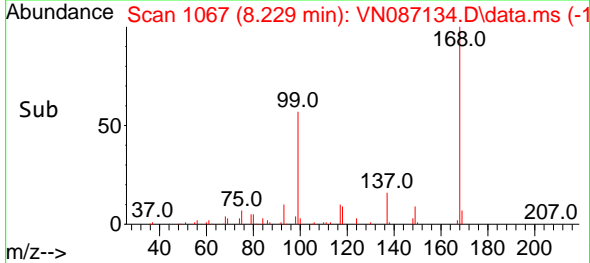
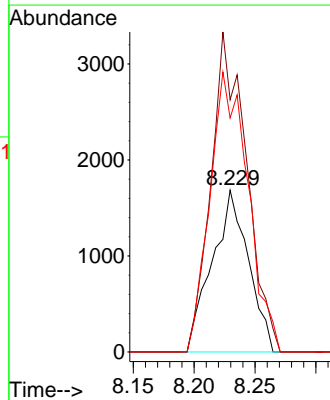
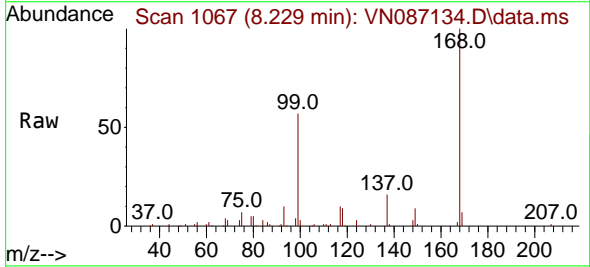


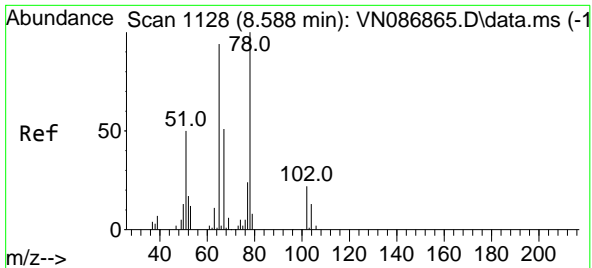
Tgt Ion	Resp	Lower	Upper
42	100		
72	34.9	37.8	56.6#
71	0.0	35.6	53.4#



#31
 Cyclohexane
 Concen: 0.835 ug/l
 RT: 8.229 min Scan# 1067
 Delta R.T. -0.041 min
 Lab File: VN087134.D
 Acq: 20 Jun 2025 13:25

Tgt Ion	Resp	Lower	Upper
56	100		
69	155.9	25.4	38.0#
84	144.6	68.8	103.2#

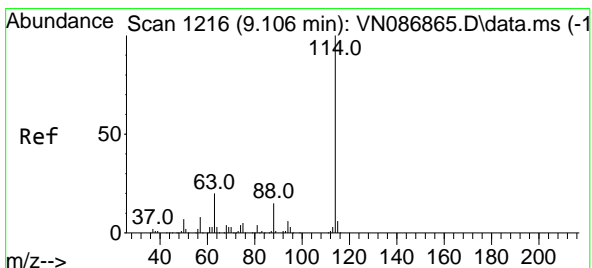
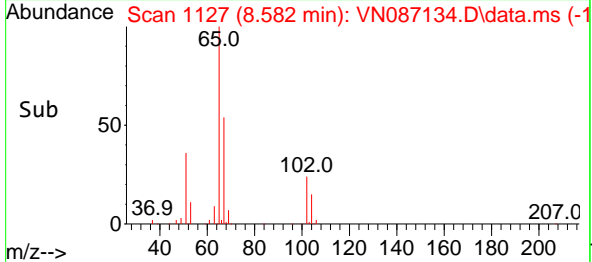
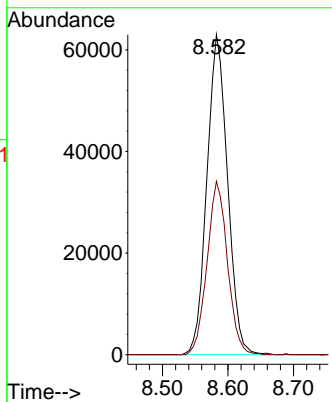
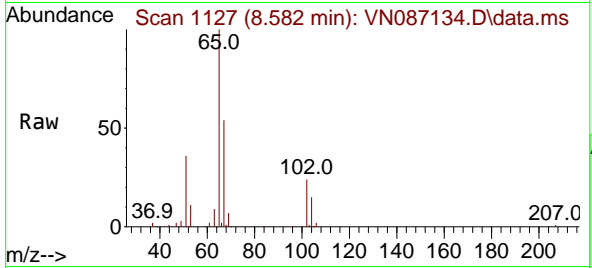




#33
 1,2-Dichloroethane-d4
 Concen: 53.572 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. -0.006 min
 Lab File: VN087134.D
 Acq: 20 Jun 2025 13:25

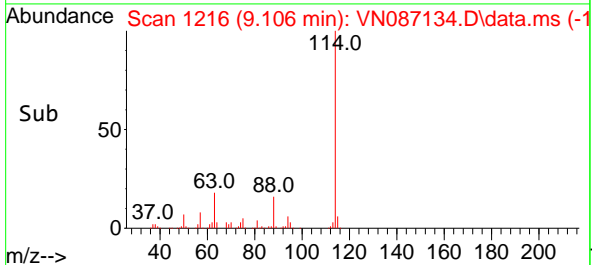
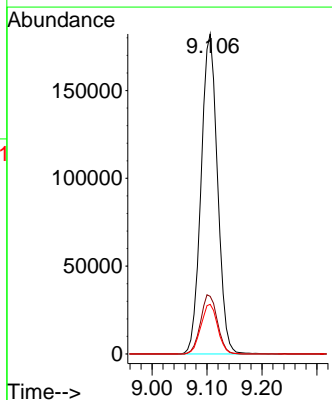
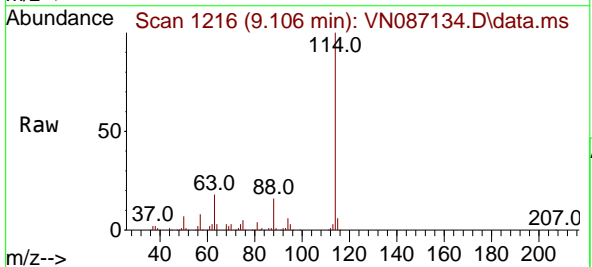
Instrument : MSVOA_N
 ClientSampleId : EP-5

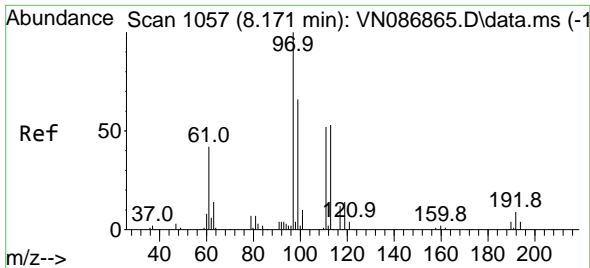
Tgt Ion: 65 Resp: 137972
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. -0.000 min
 Lab File: VN087134.D
 Acq: 20 Jun 2025 13:25

Tgt Ion:114 Resp: 377316
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 39.6
 88 15.5 0.0 30.2



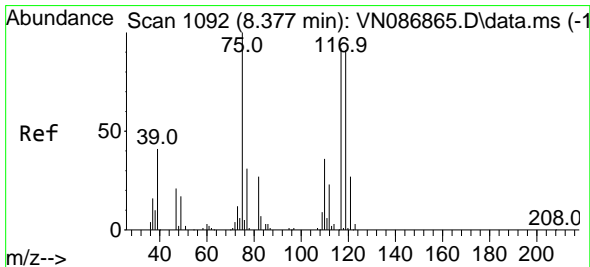
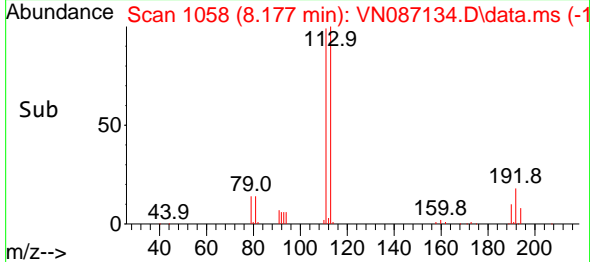
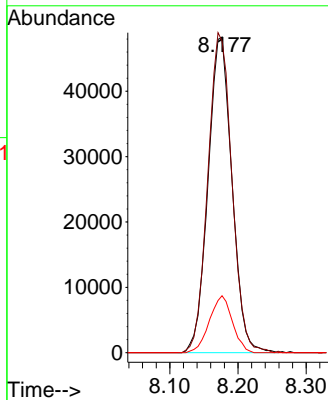
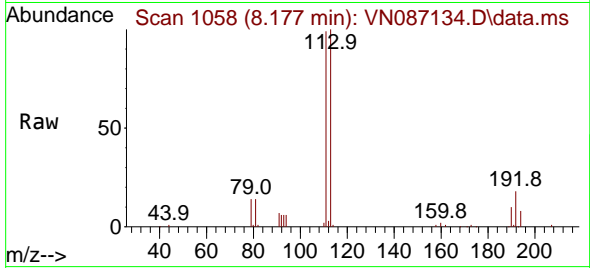


#35
 Dibromofluoromethane
 Concen: 52.660 ug/l
 RT: 8.177 min Scan# 1057
 Delta R.T. 0.006 min
 Lab File: VN087134.D
 Acq: 20 Jun 2025 13:25

Instrument : MSVOA_N
 ClientSampleId : EP-5

Tgt Ion:113 Resp: 117751

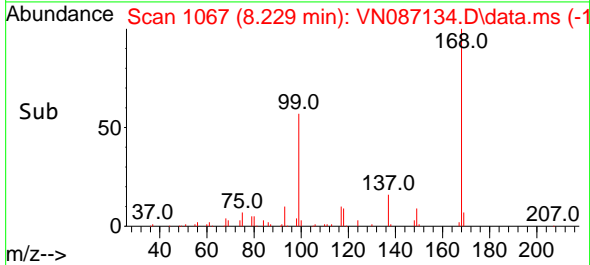
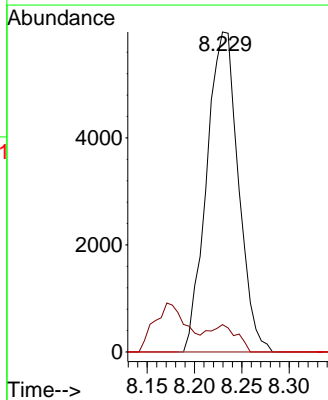
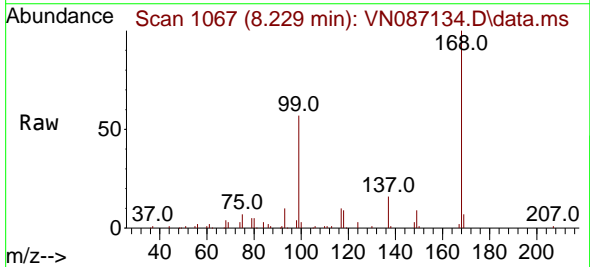
Ion	Ratio	Lower	Upper
113	100		
111	102.0	84.2	126.2
192	17.3	14.2	21.4

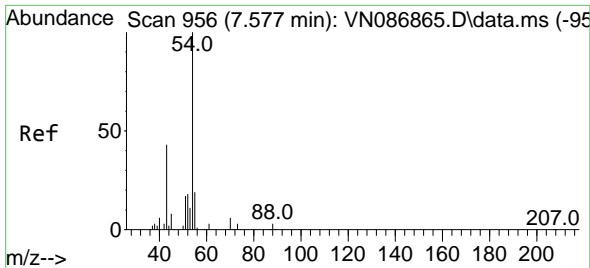


#36
 1,1-Dichloropropene
 Concen: 4.187 ug/l
 RT: 8.229 min Scan# 1067
 Delta R.T. -0.147 min
 Lab File: VN087134.D
 Acq: 20 Jun 2025 13:25

Tgt Ion: 75 Resp: 13952

Ion	Ratio	Lower	Upper
75	100		
110	7.6	17.6	52.9#
77	0.0	25.3	37.9#

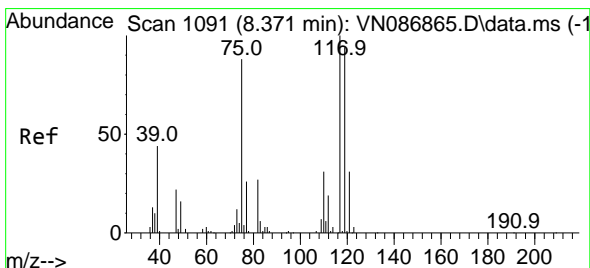
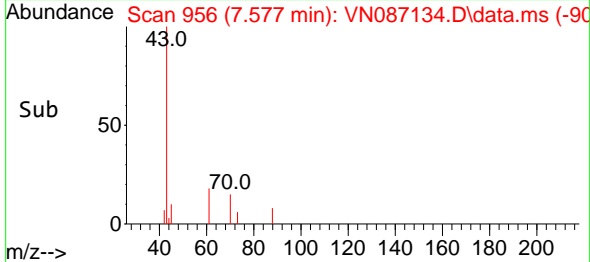
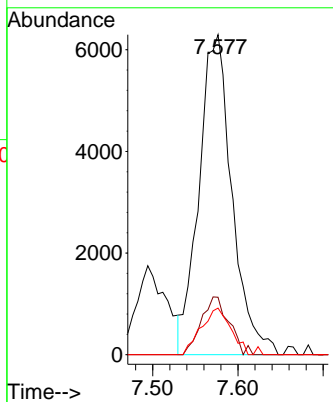
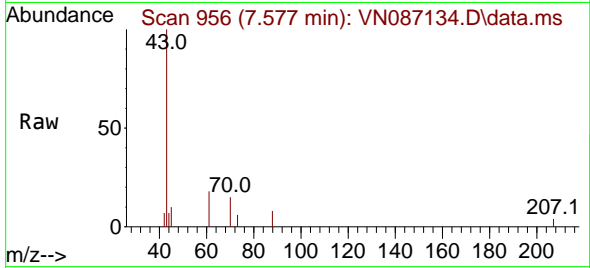




#37
 Ethyl Acetate
 Concen: 3.984 ug/l
 RT: 7.577 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VN087134.D
 Acq: 20 Jun 2025 13:25

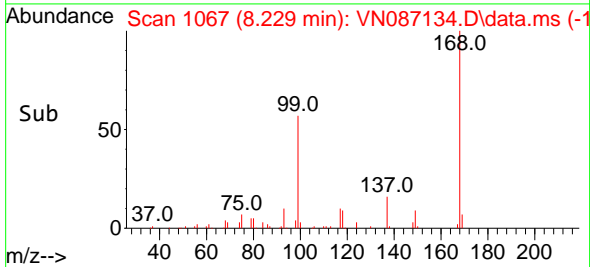
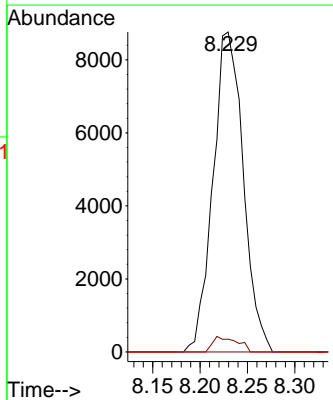
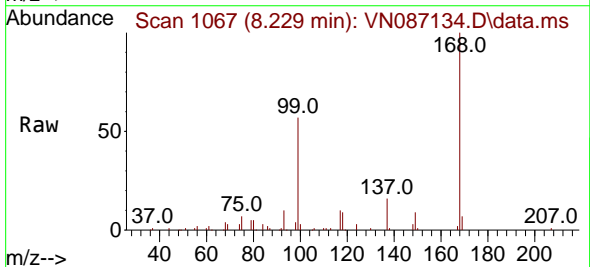
Instrument :
 MSVOA_N
 ClientSampleId :
 EP-5

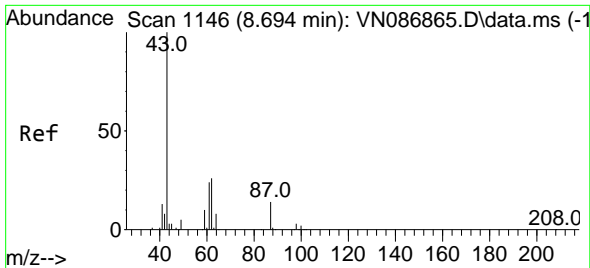
Tgt Ion	Resp	Lower	Upper
43	16897		
43	100		
61	15.3	12.1	18.1
70	13.0	9.8	14.6



#38
 Carbon Tetrachloride
 Concen: 5.948 ug/l
 RT: 8.229 min Scan# 1067
 Delta R.T. -0.141 min
 Lab File: VN087134.D
 Acq: 20 Jun 2025 13:25

Tgt Ion	Resp	Lower	Upper
117	19457		
117	100		
119	4.0	75.0	112.6#
121	0.0	24.9	37.3#

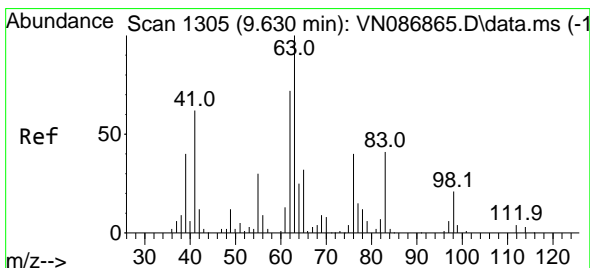
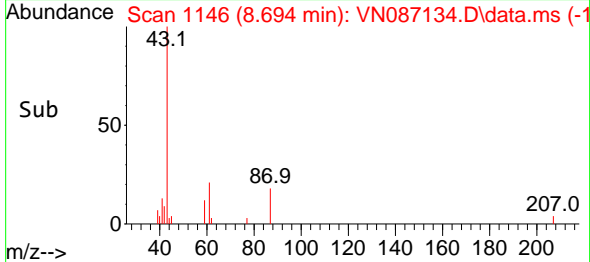
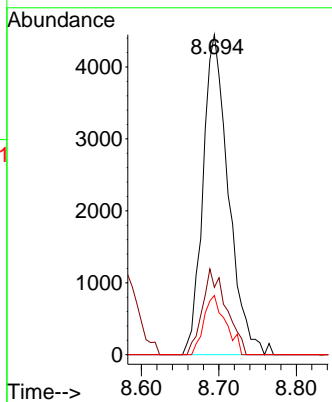
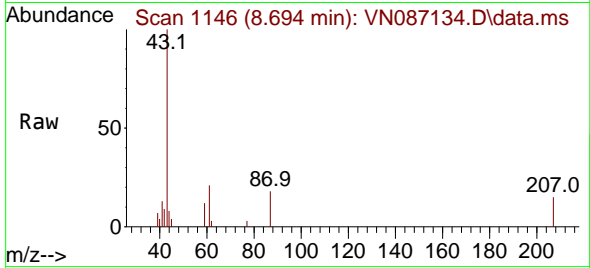




#43
 Isopropyl Acetate
 Concen: 1.498 ug/l
 RT: 8.694 min Scan# 1146
 Delta R.T. -0.000 min
 Lab File: VN087134.D
 Acq: 20 Jun 2025 13:25

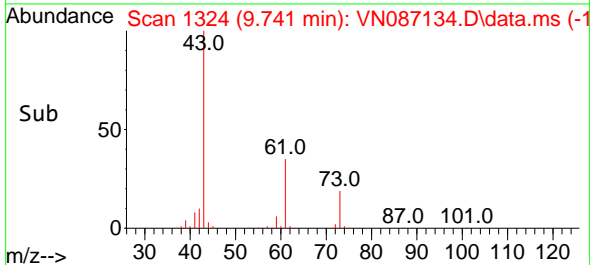
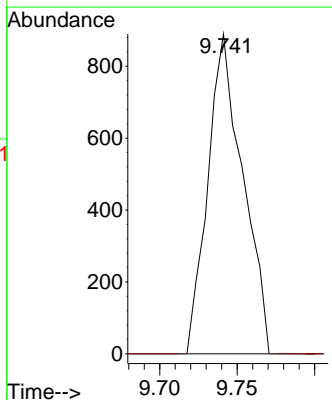
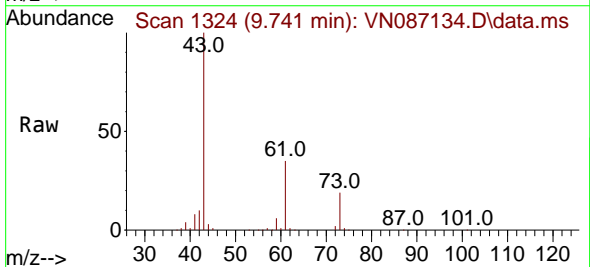
Instrument : MSVOA_N
 ClientSampleId : EP-5

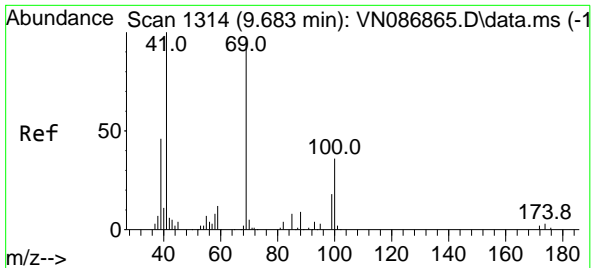
Tgt Ion	Resp	Lower	Upper
43	10199		
61	25.3	22.1	33.1
87	15.7	11.8	17.6



#45
 1,2-Dichloropropane
 Concen: 0.526 ug/l
 RT: 9.741 min Scan# 1324
 Delta R.T. 0.112 min
 Lab File: VN087134.D
 Acq: 20 Jun 2025 13:25

Tgt Ion	Resp	Lower	Upper
63	1395		
65	0.0	25.5	38.3#

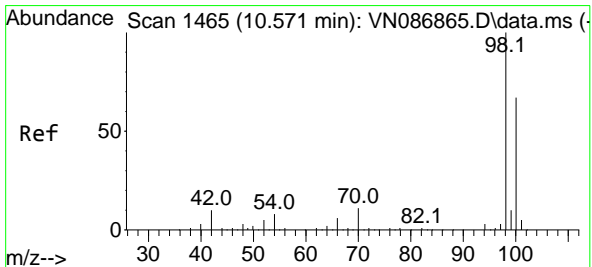
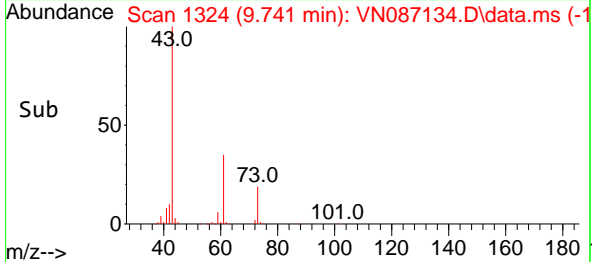
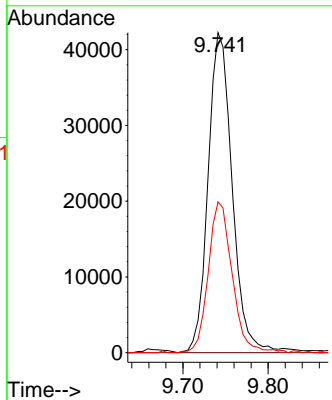
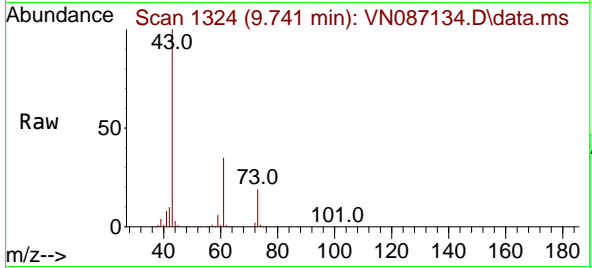




#48
 Methyl methacrylate
 Concen: 26.414 ug/l
 RT: 9.741 min Scan# 11
 Delta R.T. 0.059 min
 Lab File: VN087134.D
 Acq: 20 Jun 2025 13:25

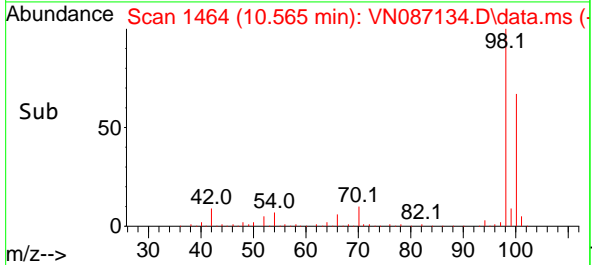
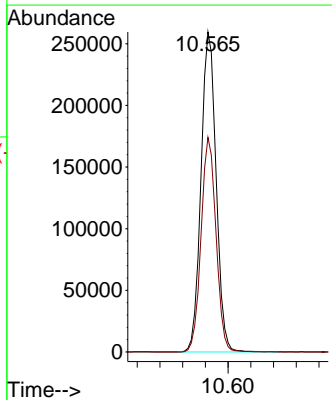
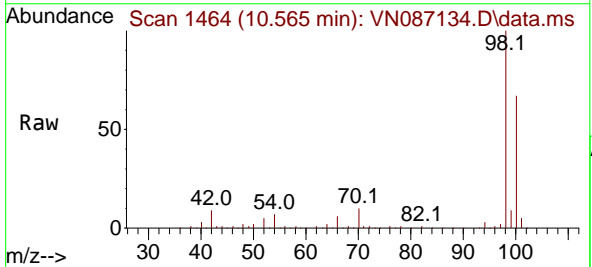
Instrument : MSVOA_N
 ClientSampleId : EP-5

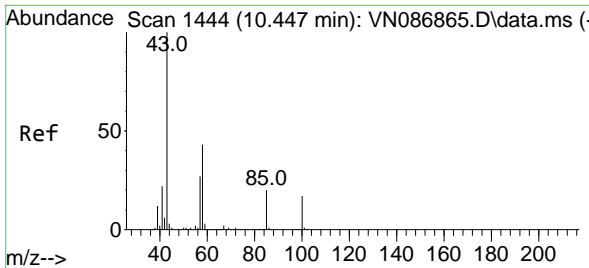
Tgt Ion: 41 Resp: 82765
 Ion Ratio Lower Upper
 41 100
 69 0.0 74.6 112.0#
 39 46.9 40.2 60.4



#50
 Toluene-d8
 Concen: 54.029 ug/l
 RT: 10.565 min Scan# 1464
 Delta R.T. -0.006 min
 Lab File: VN087134.D
 Acq: 20 Jun 2025 13:25

Tgt Ion: 98 Resp: 478261
 Ion Ratio Lower Upper
 98 100
 100 66.2 53.4 80.0

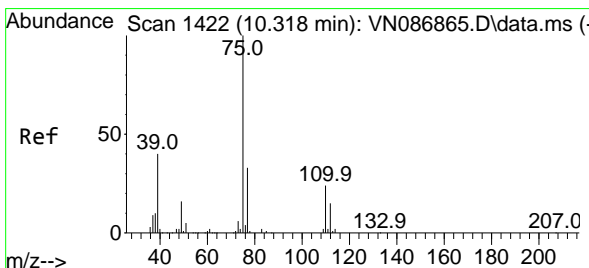
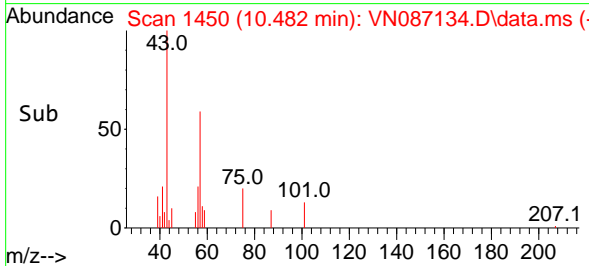
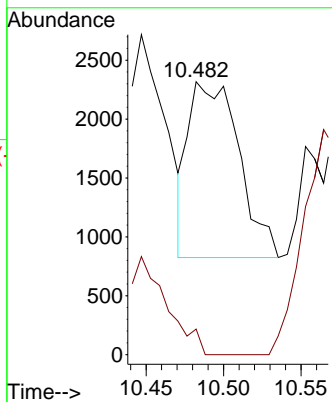
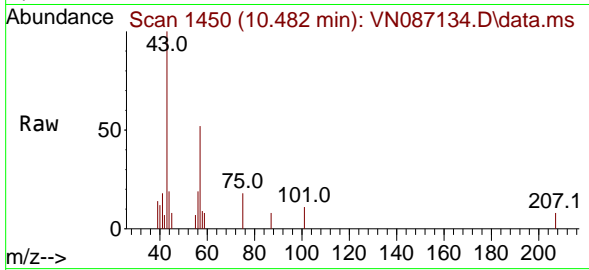




#51
 4-Methyl-2-Pentanone
 Concen: 0.827 ug/l
 RT: 10.482 min Scan# 1444
 Delta R.T. 0.035 min
 Lab File: VN087134.D
 Acq: 20 Jun 2025 13:25

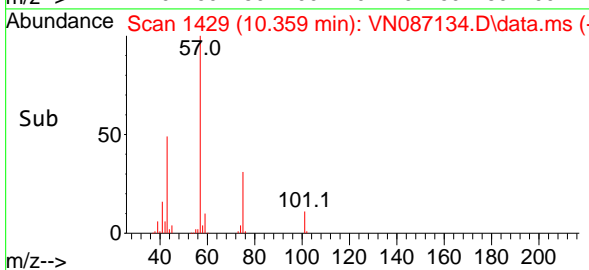
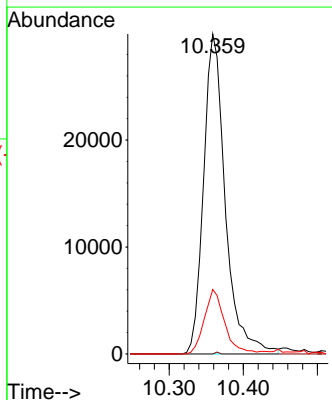
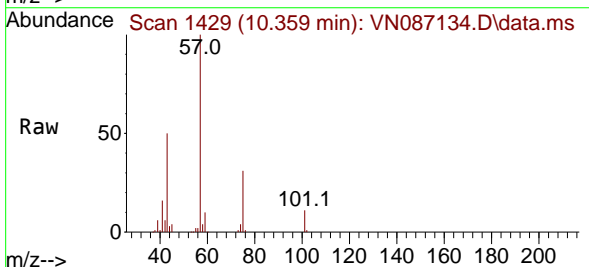
Instrument : MSVOA_N
 ClientSampleId : EP-5

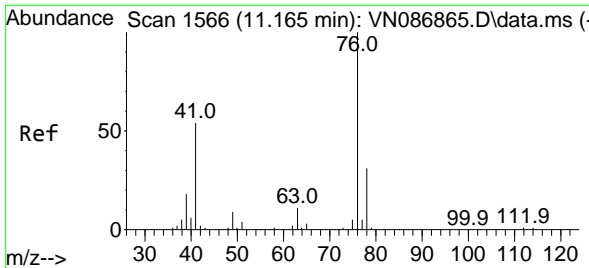
Tgt Ion: 43 Resp: 3388
 Ion Ratio Lower Upper
 43 100
 58 0.0 34.2 51.4#



#54
 cis-1,3-Dichloropropene
 Concen: 14.058 ug/l
 RT: 10.359 min Scan# 1429
 Delta R.T. 0.041 min
 Lab File: VN087134.D
 Acq: 20 Jun 2025 13:25

Tgt Ion: 75 Resp: 60931
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.2 39.4#
 39 20.1 32.3 48.5#

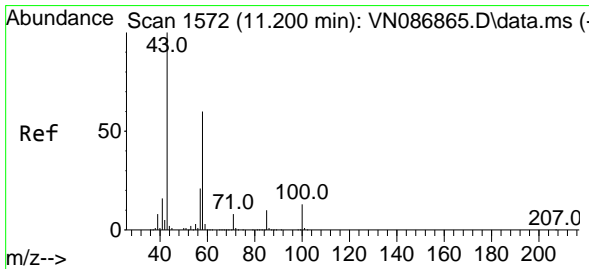
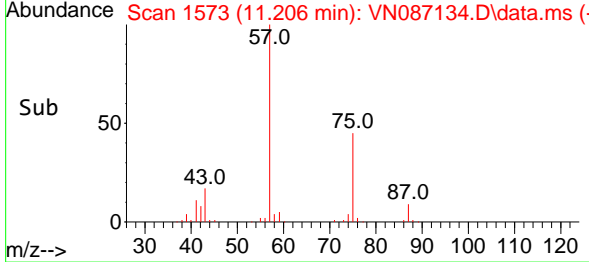
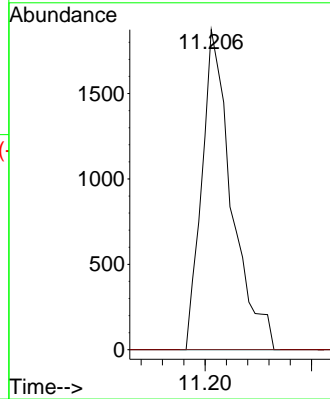
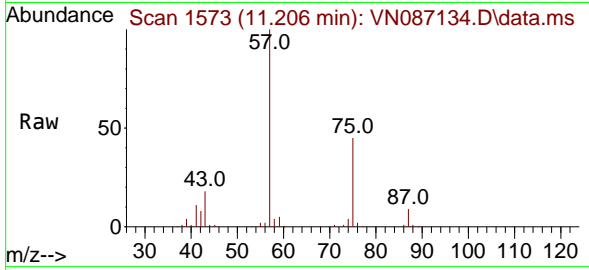




#57
 1,3-Dichloropropane
 Concen: 0.823 ug/l
 RT: 11.206 min Scan# 1573
 Delta R.T. 0.041 min
 Lab File: VN087134.D
 Acq: 20 Jun 2025 13:25

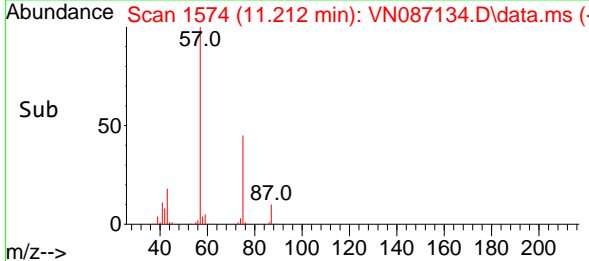
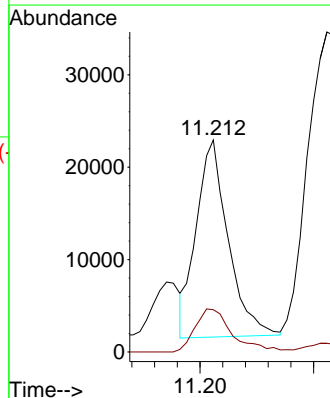
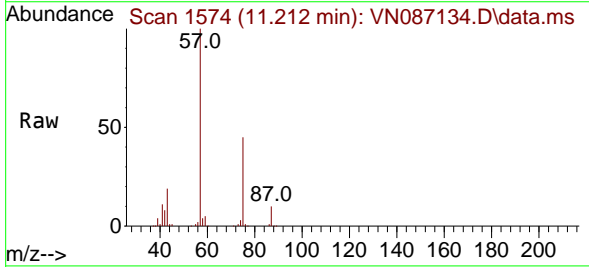
Instrument : MSVOA_N
 ClientSampleId : EP-5

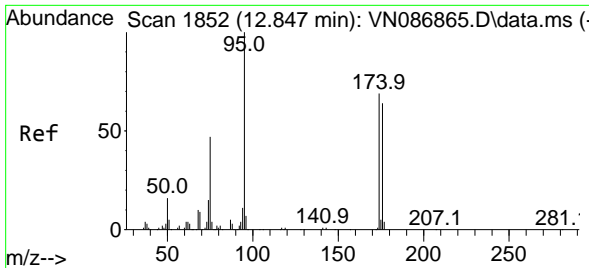
Tgt Ion: 76 Resp: 3658
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.3 37.9#



#59
 2-Hexanone
 Concen: 15.793 ug/l
 RT: 11.212 min Scan# 1574
 Delta R.T. 0.012 min
 Lab File: VN087134.D
 Acq: 20 Jun 2025 13:25

Tgt Ion: 43 Resp: 41691
 Ion Ratio Lower Upper
 43 100
 58 25.7 30.4 91.3#



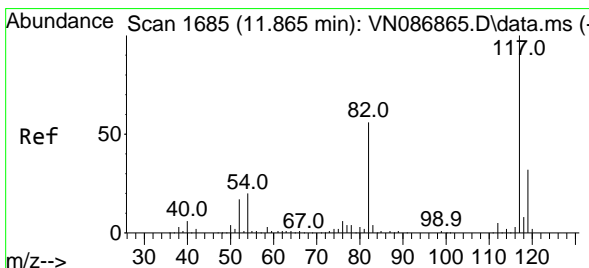
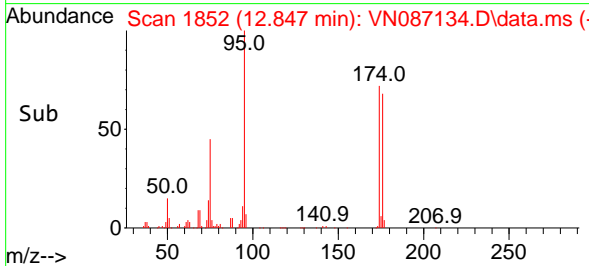
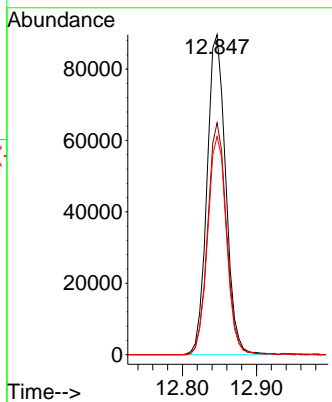
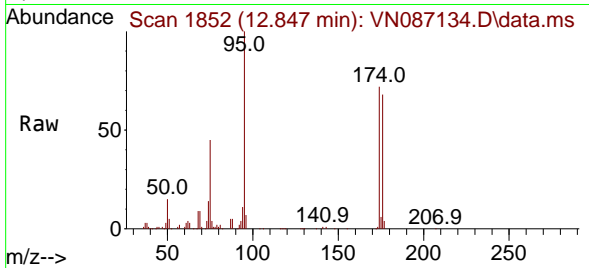


#62
 4-Bromofluorobenzene
 Concen: 47.779 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.000 min
 Lab File: VN087134.D
 Acq: 20 Jun 2025 13:25

Instrument : MSVOA_N
 ClientSampleId : EP-5

Tgt Ion: 95 Resp: 157135

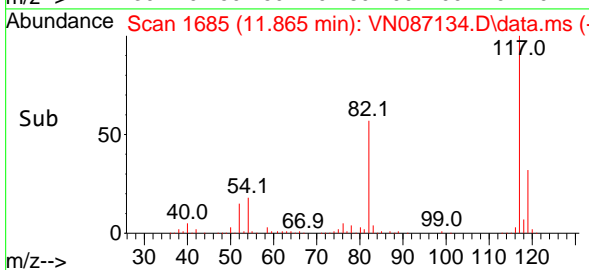
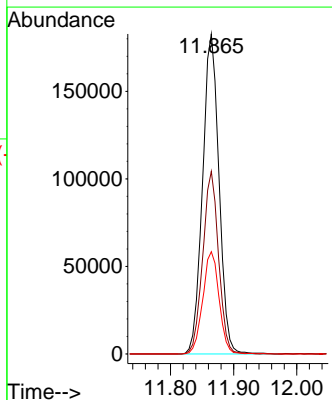
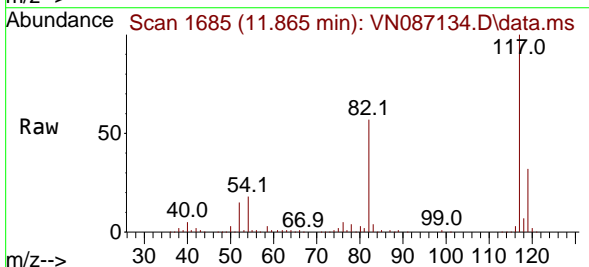
Ion	Ratio	Lower	Upper
95	100		
174	72.6	0.0	141.8
176	68.8	0.0	132.6

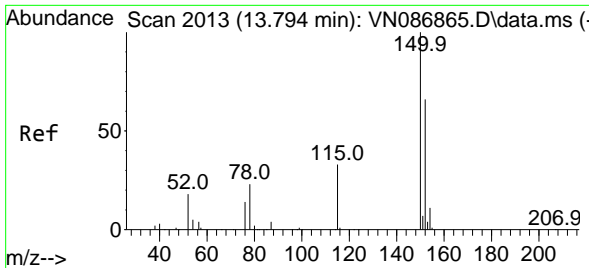


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. -0.000 min
 Lab File: VN087134.D
 Acq: 20 Jun 2025 13:25

Tgt Ion: 117 Resp: 330374

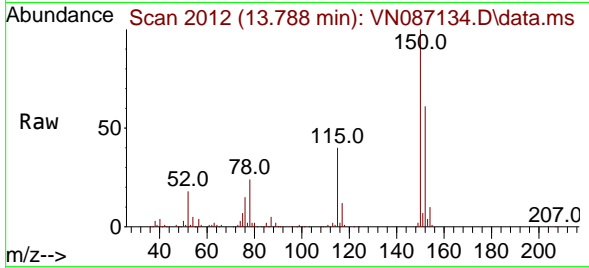
Ion	Ratio	Lower	Upper
117	100		
82	57.0	44.6	67.0
119	32.0	25.5	38.3



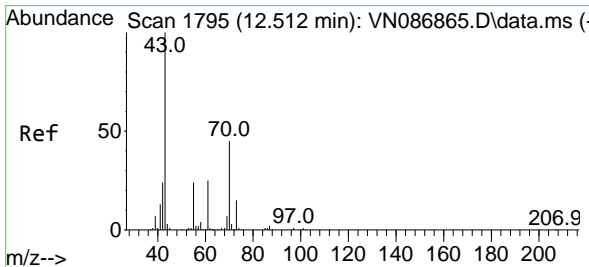
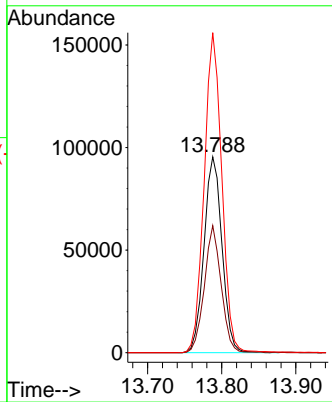
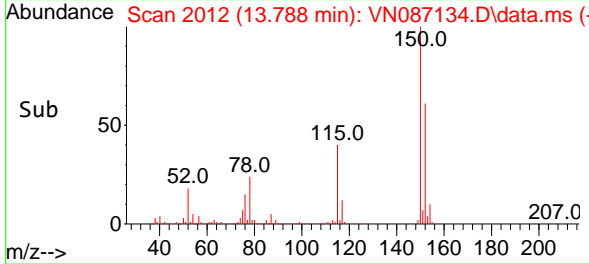


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN087134.D
 Acq: 20 Jun 2025 13:25

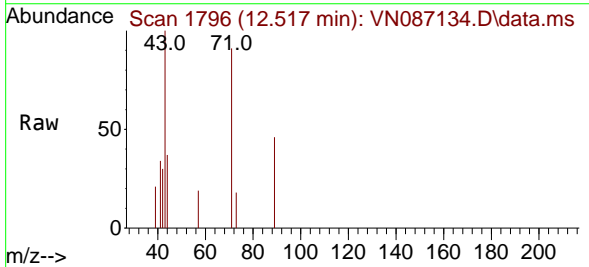
Instrument : MSVOA_N
 ClientSampleId : EP-5



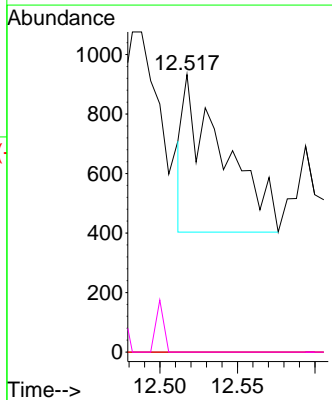
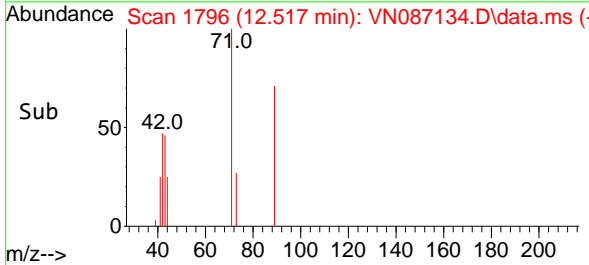
Tgt Ion:152 Resp: 161184
 Ion Ratio Lower Upper
 152 100
 115 60.6 30.1 90.5
 150 160.4 0.0 345.0

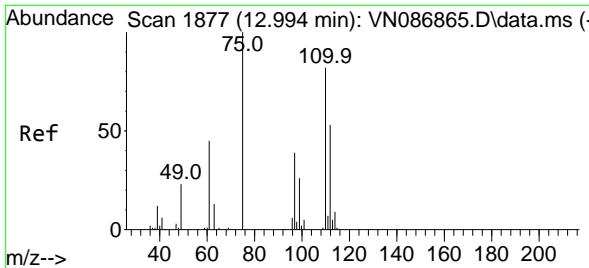


#74
 N-amy1 acetate
 Concen: 0.231 ug/l
 RT: 12.517 min Scan# 1796
 Delta R.T. 0.006 min
 Lab File: VN087134.D
 Acq: 20 Jun 2025 13:25



Tgt Ion: 43 Resp: 948
 Ion Ratio Lower Upper
 43 100
 70 0.0 37.6 56.4#
 55 0.0 19.0 28.6#
 61 6.5 20.8 31.2#

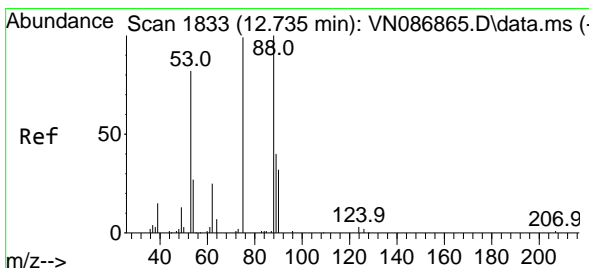
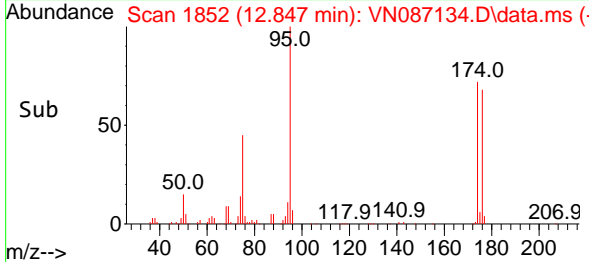
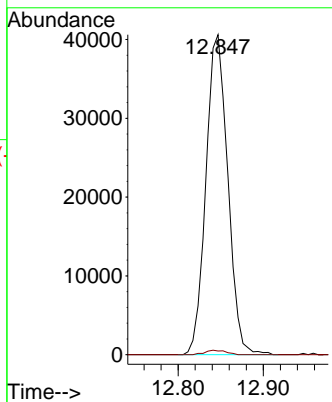
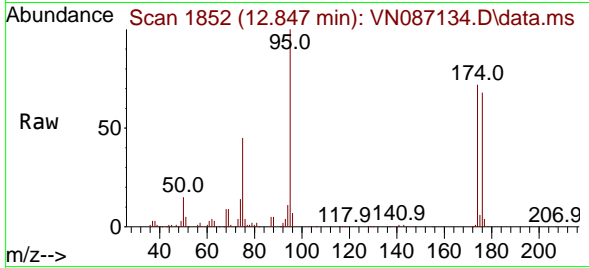




#76
 1,2,3-Trichloropropane
 Concen: 18.894 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN087134.D
 Acq: 20 Jun 2025 13:25

Instrument : MSVOA_N
 ClientSampleId : EP-5

Tgt Ion: 75 Resp: 72390
 Ion Ratio Lower Upper
 75 100
 77 1.3 79.3 237.9#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 43.493 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.112 min
 Lab File: VN087134.D
 Acq: 20 Jun 2025 13:25

Tgt Ion: 75 Resp: 72390
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.6 99.8#
 89 0.1 36.7 55.1#

