

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050825\
 Data File : VN086543.D
 Acq On : 08 May 2025 14:12
 Operator : JC\MD
 Sample : PB167895ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167895ZHE#01

Quant Time: May 09 01:51:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	182555	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	331928	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	307855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	127819	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	121662	45.959	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.920%
35) Dibromofluoromethane	8.165	113	94955	61.638	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	123.280%
50) Toluene-d8	10.565	98	414749	50.375	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.740%
62) 4-Bromofluorobenzene	12.847	95	144597	48.150	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.300%

Target Compounds				Qvalue		
3) Chloromethane	2.359	50	1696	0.539	ug/l	90
5) Bromomethane	2.971	94	1194	0.884	ug/l #	66
10) Methyl Iodide	4.606	142	1173	0.531	ug/l #	42
11) Tert butyl alcohol	5.524	59	457	0.946	ug/l #	72
13) Acrolein	4.189	56	181	Below Cal	#	63
16) Acetone	4.430	43	46012	45.607	ug/l	99
17) Carbon Disulfide	4.718	76	3054	0.475	ug/l #	74
18) Methyl Acetate	5.030	43	2903	0.914	ug/l #	76
20) Methylene Chloride	5.283	84	7874	3.217	ug/l	89
25) 2-Butanone	7.483	43	6180	3.751	ug/l	95
29) Tetrahydrofuran	7.841	42	1241	1.126	ug/l #	82
31) Cyclohexane	8.224	56	3970	0.925	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	14309	4.650	ug/l #	50
37) Ethyl Acetate	7.483	43	6180	1.908	ug/l #	74
38) Carbon Tetrachloride	8.224	117	18542	6.328	ug/l #	17
41) Methacrylonitrile	7.847	41	566	0.301	ug/l #	28
43) Isopropyl Acetate	8.688	43	29482	3.267	ug/l #	89
45) 1,2-Dichloropropane	9.735	63	1119	0.464	ug/l #	43
48) Methyl methacrylate	9.741	41	75116	26.405	ug/l #	42
51) 4-Methyl-2-Pentanone	10.441	43	4688	1.413	ug/l	100
54) cis-1,3-Dichloropropene	10.353	75	38508	9.458	ug/l #	59
57) 1,3-Dichloropropane	11.200	76	3558	0.906	ug/l #	43
59) 2-Hexanone	11.200	43	62848	25.543	ug/l #	44
68) m/p-Xylenes	12.065	106	1099	0.237	ug/l	91
74) N-amyl acetate	12.453	43	3604	0.692	ug/l #	44
76) 1,2,3-Trichloropropane	12.847	75	72692	24.099	ug/l #	1
79) 2-Chlorotoluene	13.218	91	1729	0.224	ug/l	81
81) trans-1,4-Dichloro-2-b...	12.847	75	72692	57.878	ug/l #	10
82) 4-Chlorotoluene	13.218	91	1729	0.226	ug/l	82
87) 1,3-Dichlorobenzene	13.729	146	1458	0.335	ug/l	85
88) 1,4-Dichlorobenzene	13.729	146	1458	0.332	ug/l	86
89) n-Butylbenzene	14.053	91	2281	0.304	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	1102	0.261	ug/l	92
93) 1,2,4-Trichlorobenzene	15.388	180	1425	0.705	ug/l	92
94) Hexachlorobutadiene	15.488	225	319	0.418	ug/l #	26
95) Naphthalene	15.641	128	7660	1.069	ug/l #	94

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Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

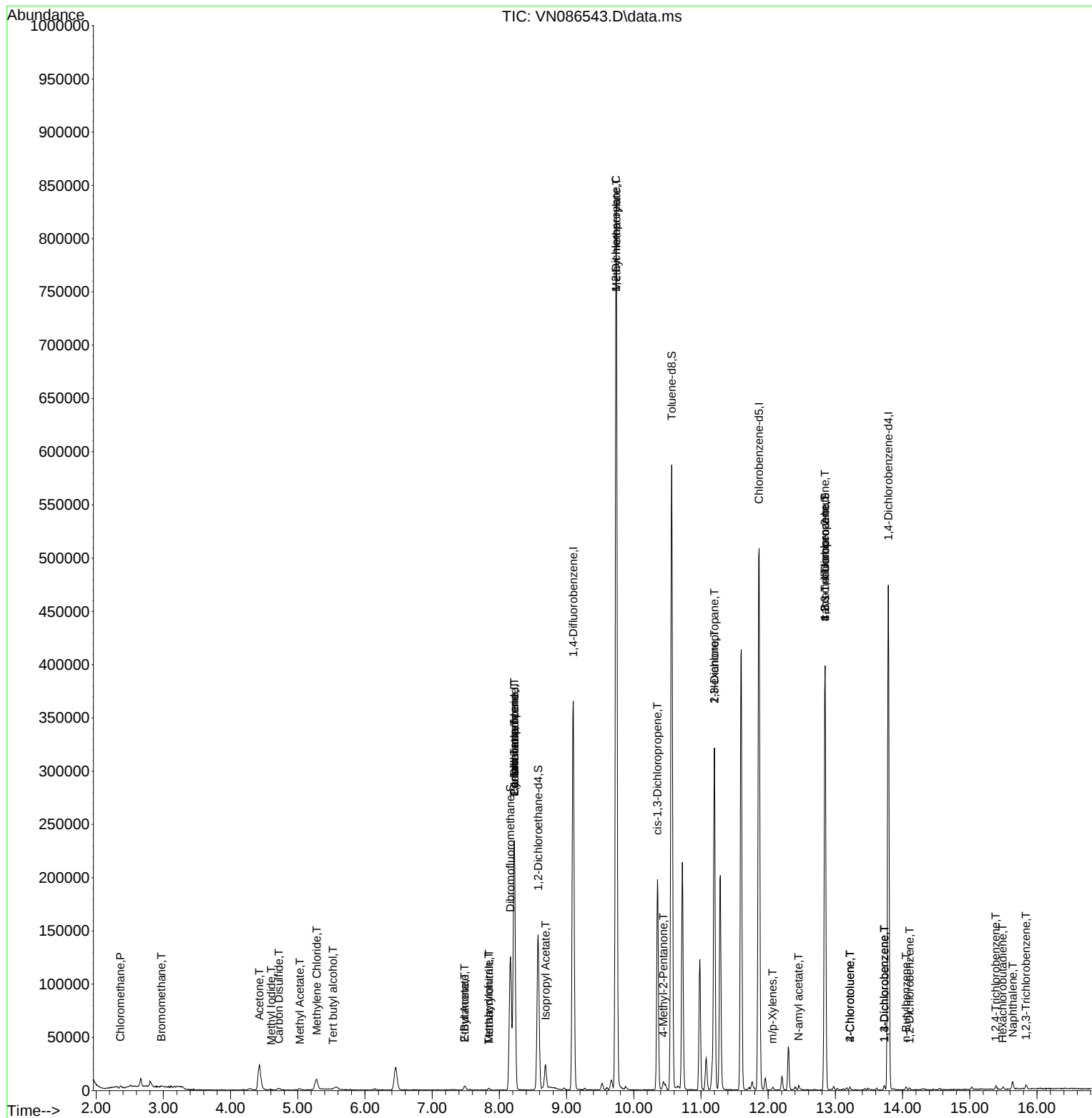
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.835	180	1415	0.739	ug/l	99

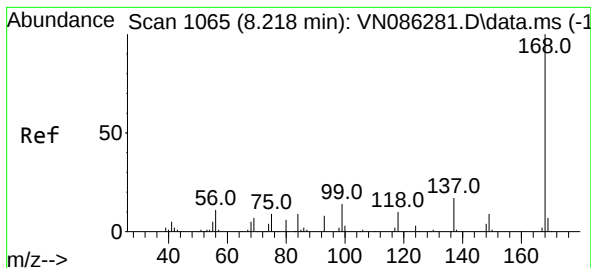
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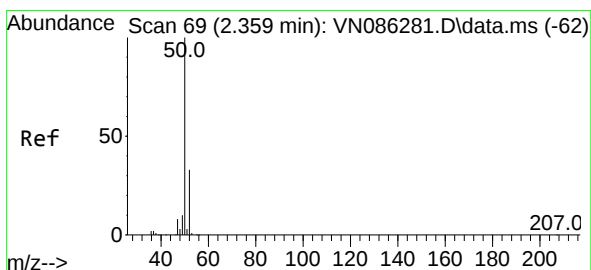
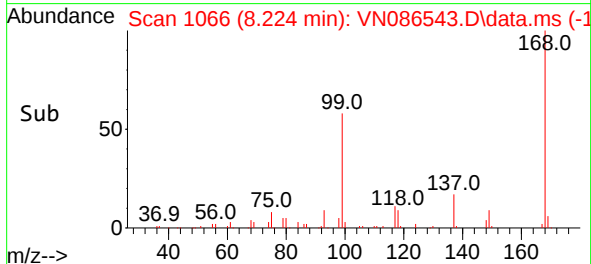
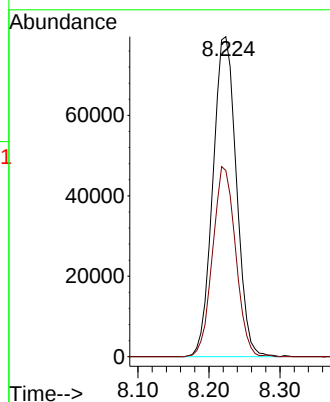
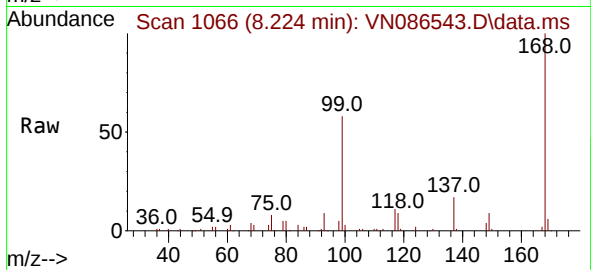




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086543.D
Acq: 08 May 2025 14:12

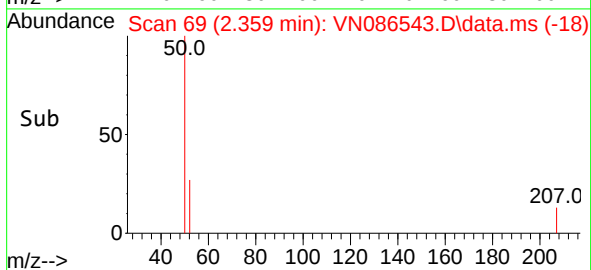
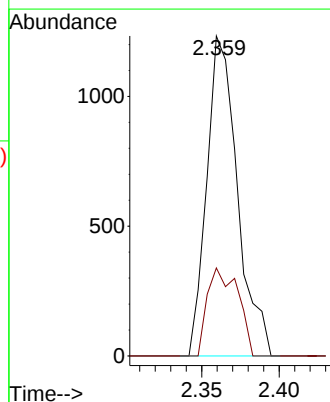
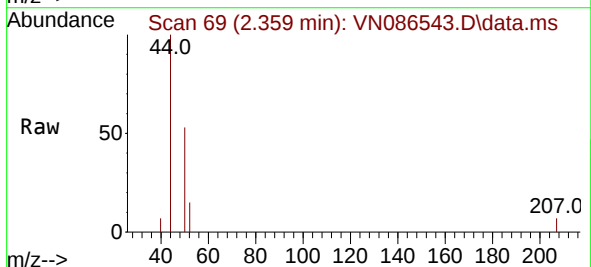
Instrument :
MSVOA_N
ClientSampleId :
PB167895ZHE#01

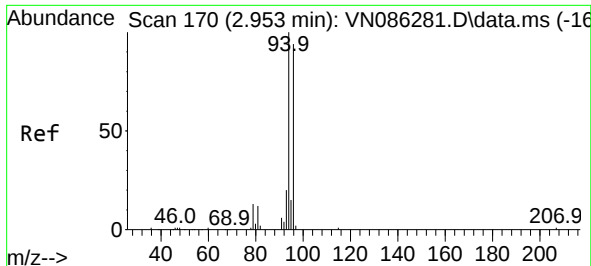
Tgt Ion:168 Resp: 182555
Ion Ratio Lower Upper
168 100
99 58.2 52.5 78.7



#3
Chloromethane
Concen: 0.539 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN086543.D
Acq: 08 May 2025 14:12

Tgt Ion: 50 Resp: 1696
Ion Ratio Lower Upper
50 100
52 27.5 26.5 39.7

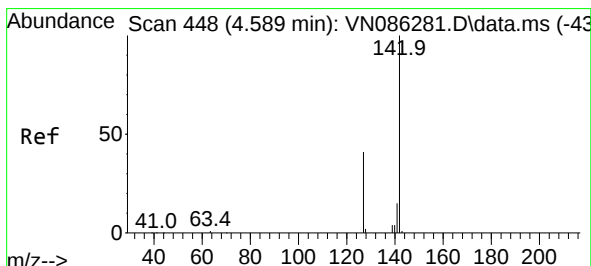
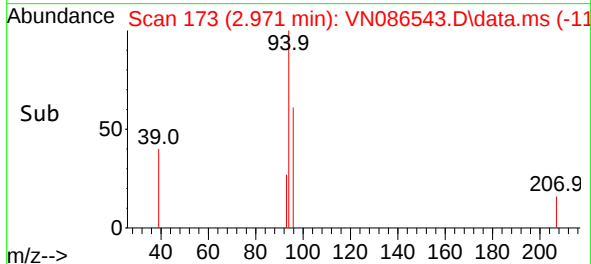
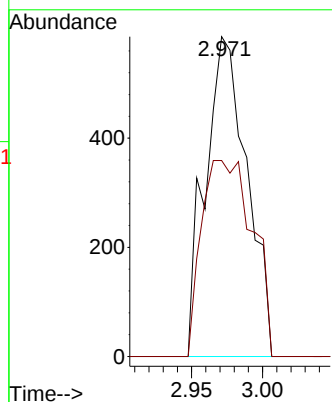
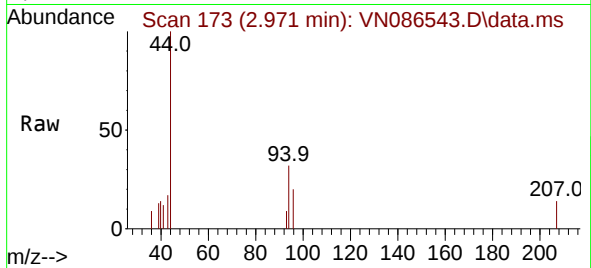




#5
Bromomethane
Concen: 0.884 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN086543.D
Acq: 08 May 2025 14:12

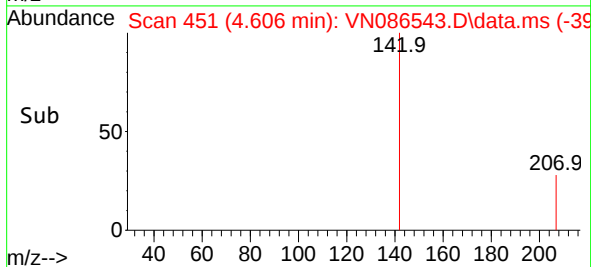
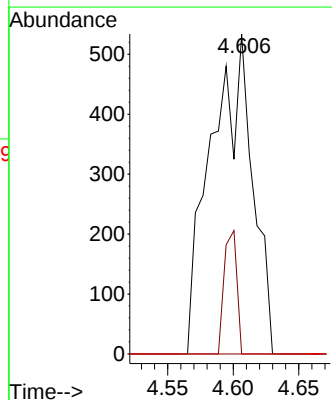
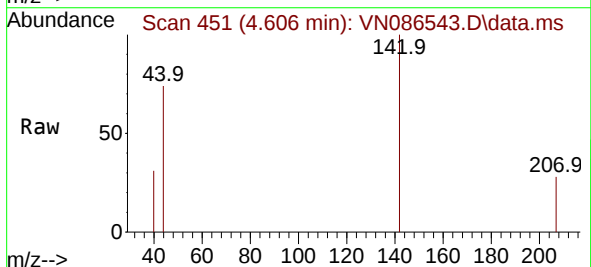
Instrument :
MSVOA_N
ClientSampleId :
PB167895ZHE#01

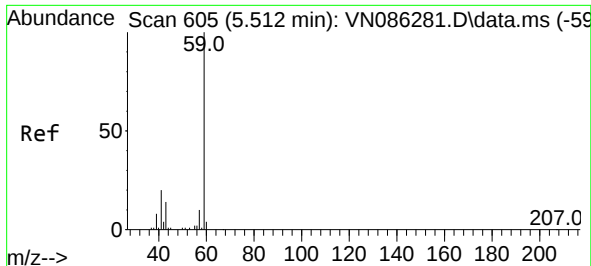
Tgt Ion: 94 Resp: 1194
Ion Ratio Lower Upper
94 100
96 61.3 75.2 112.8#



#10
Methyl Iodide
Concen: 0.531 ug/l
RT: 4.606 min Scan# 451
Delta R.T. 0.018 min
Lab File: VN086543.D
Acq: 08 May 2025 14:12

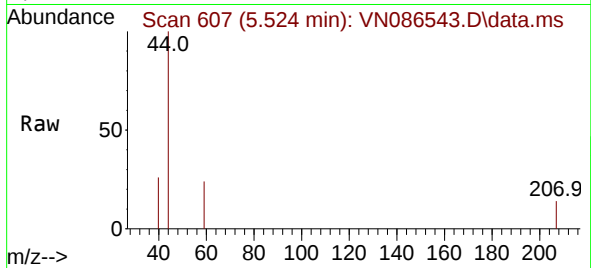
Tgt Ion:142 Resp: 1173
Ion Ratio Lower Upper
142 100
127 0.0 32.7 49.1#
141 0.0 11.7 17.5#



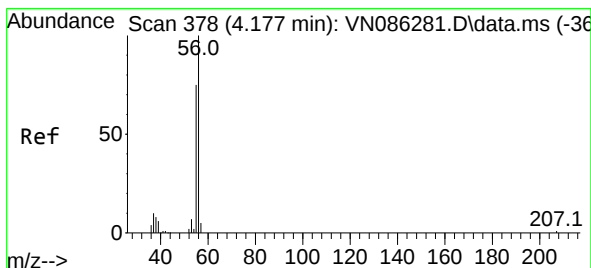
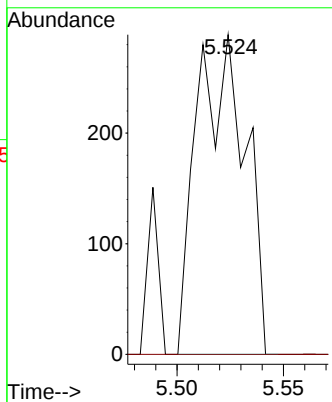
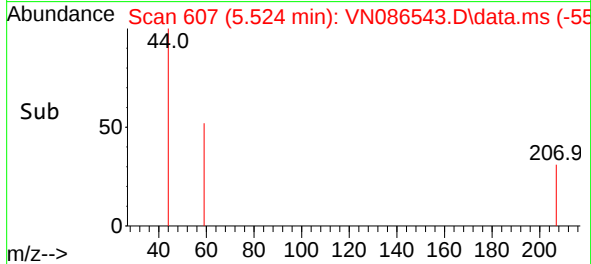


#11
Tert butyl alcohol
Concen: 0.946 ug/l
RT: 5.524 min Scan# 605
Delta R.T. 0.012 min
Lab File: VN086543.D
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Instrument :
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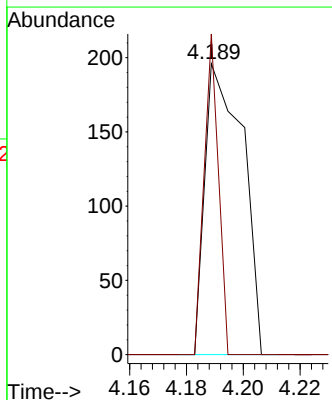
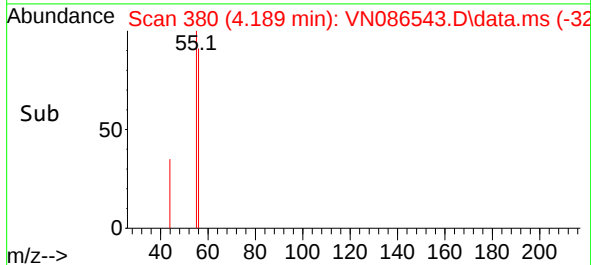
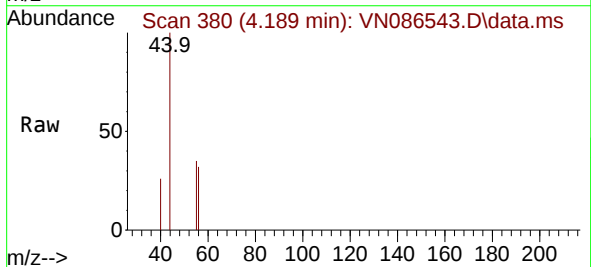


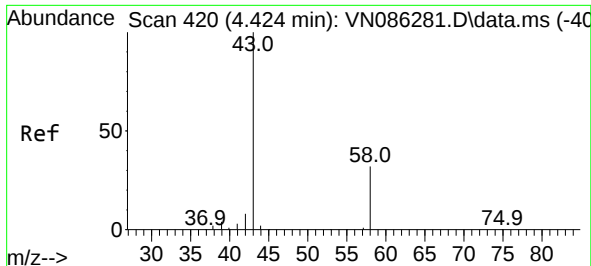
Tgt Ion: 59 Resp: 457
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#13
Acrolein
Concen: Below Cal
RT: 4.189 min Scan# 380
Delta R.T. 0.012 min
Lab File: VN086543.D
Acq: 08 May 2025 14:12

Tgt Ion: 56 Resp: 181
Ion Ratio Lower Upper
56 100
55 42.0 58.5 87.7#

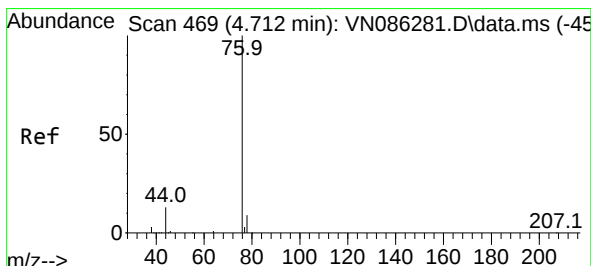
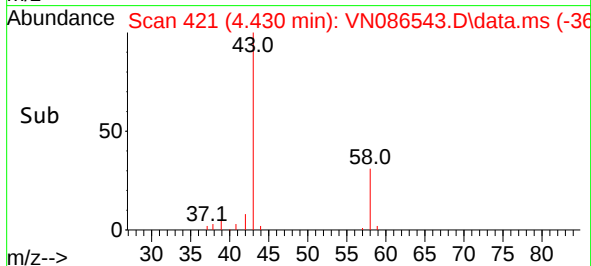
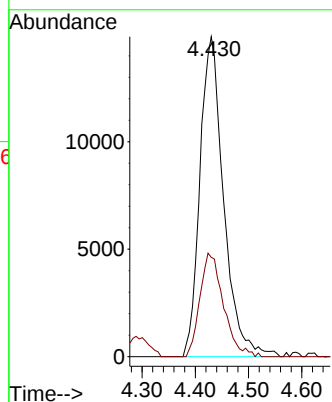
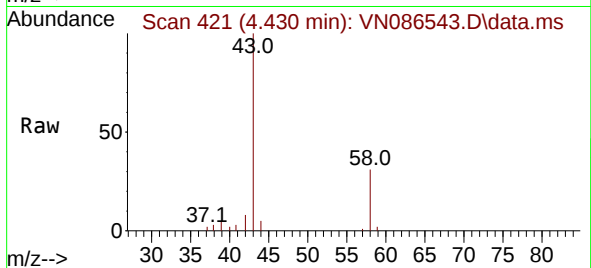




#16
Acetone
Concen: 45.607 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN086543.D
Acq: 08 May 2025 14:12

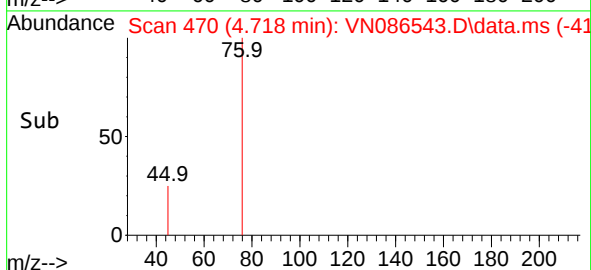
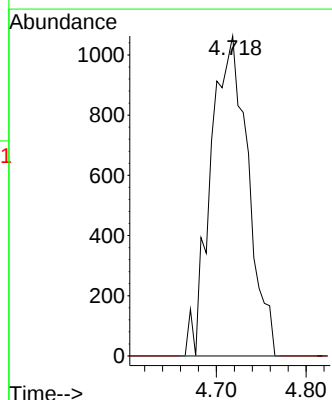
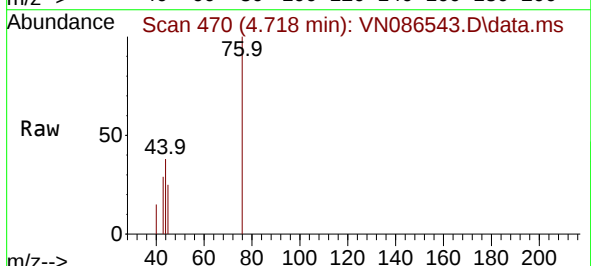
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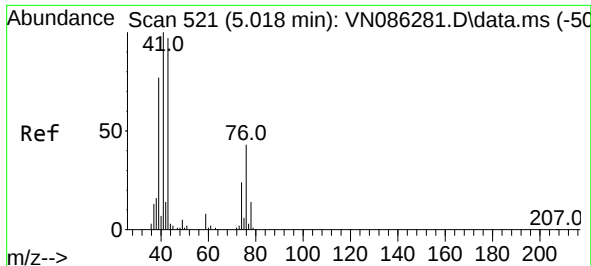
Tgt Ion: 43 Resp: 46012
Ion Ratio Lower Upper
43 100
58 31.0 25.3 37.9



#17
Carbon Disulfide
Concen: 0.475 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.006 min
Lab File: VN086543.D
Acq: 08 May 2025 14:12

Tgt Ion: 76 Resp: 3054
Ion Ratio Lower Upper
76 100
78 0.0 7.6 11.4#

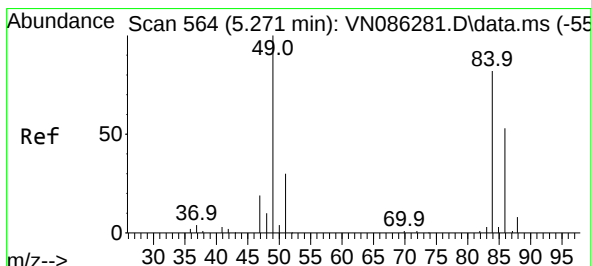
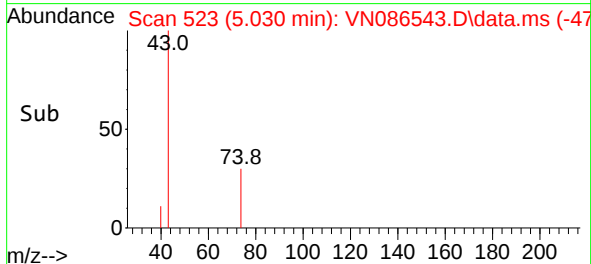
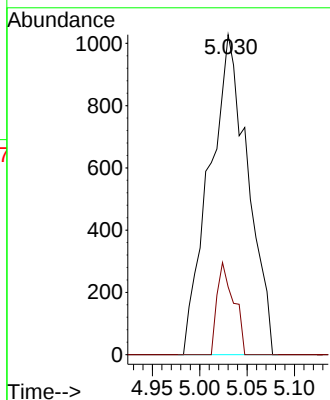
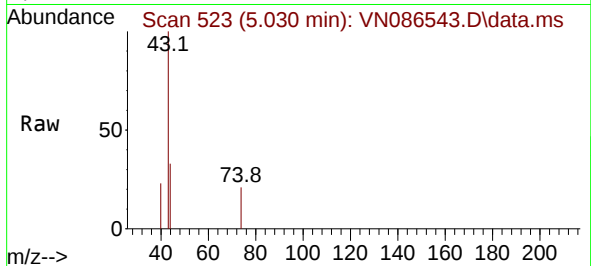




#18
Methyl Acetate
Concen: 0.914 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN086543.D
Acq: 08 May 2025 14:12

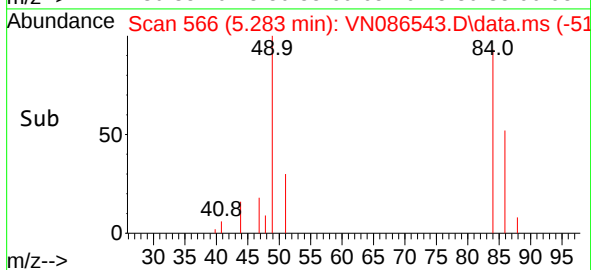
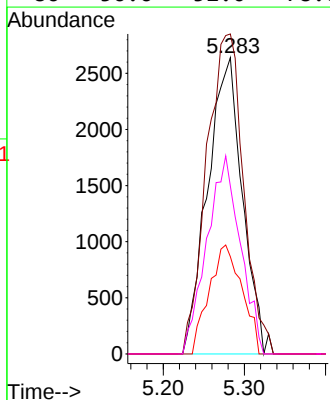
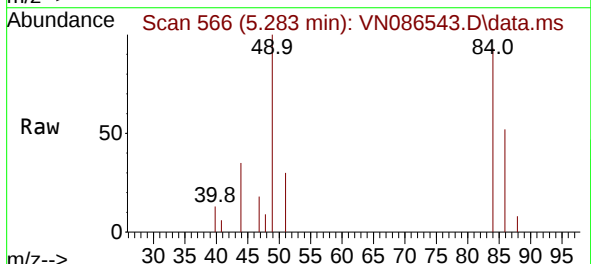
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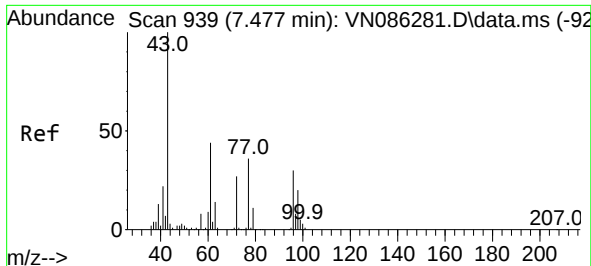
Tgt Ion: 43 Resp: 2903
Ion Ratio Lower Upper
43 100
74 12.5 19.8 29.6#



#20
Methylene Chloride
Concen: 3.217 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.012 min
Lab File: VN086543.D
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Tgt Ion: 84 Resp: 7874
Ion Ratio Lower Upper
84 100
49 108.0 98.2 147.2
51 32.8 29.8 44.6
86 56.6 52.0 78.0

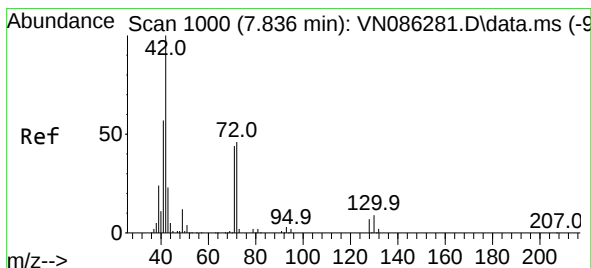
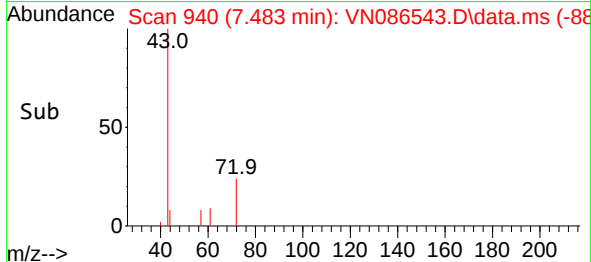
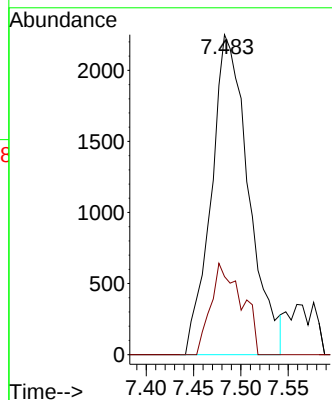
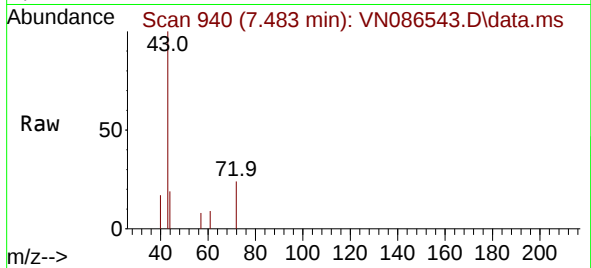




#25
2-Butanone
Concen: 3.751 ug/l
RT: 7.483 min Scan# 94
Delta R.T. 0.006 min
Lab File: VN086543.D
Acq: 08 May 2025 14:12

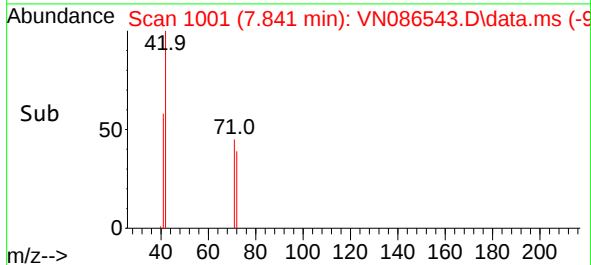
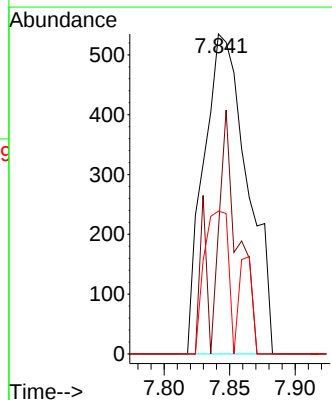
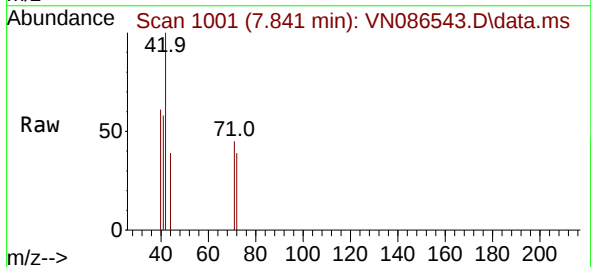
Instrument :
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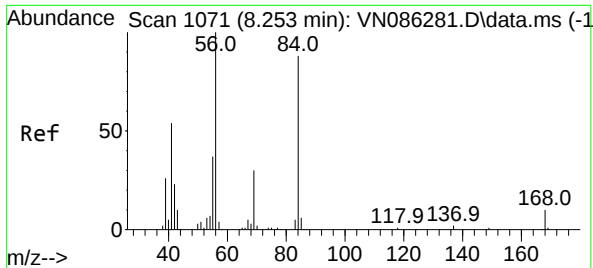
Tgt Ion: 43 Resp: 6180
Ion Ratio Lower Upper
43 100
72 24.4 21.7 32.5



#29
Tetrahydrofuran
Concen: 1.126 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VN086543.D
Acq: 08 May 2025 14:12

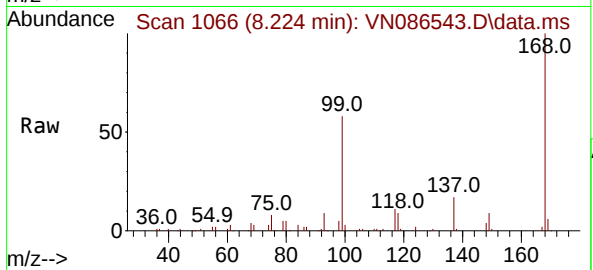
Tgt Ion: 42 Resp: 1241
Ion Ratio Lower Upper
42 100
72 39.8 36.2 54.4
71 24.5 34.0 51.0#



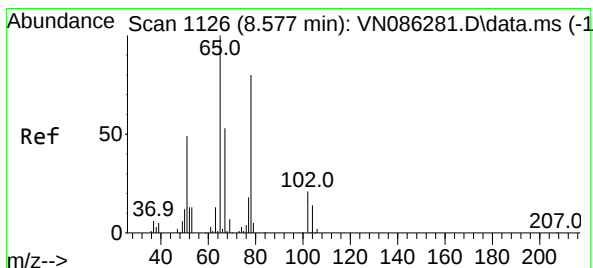
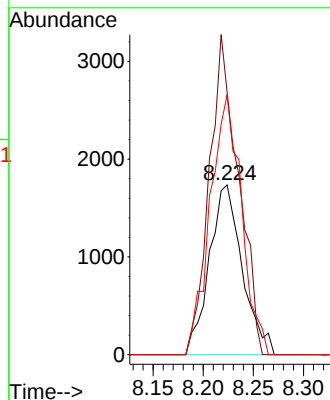
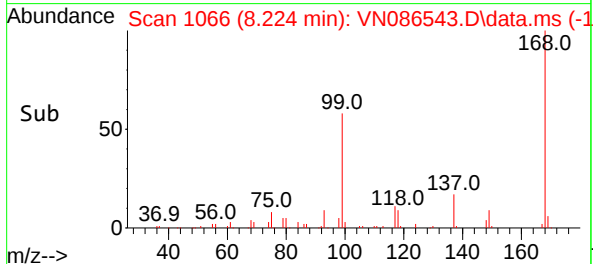


#31
Cyclohexane
Concen: 0.925 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN086543.D
Acq: 08 May 2025 14:12

Instrument :
MSVOA_N
ClientSampleId :
PB167895ZHE#01

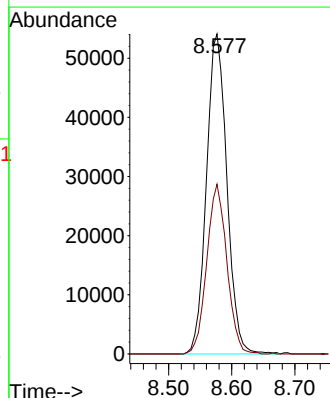
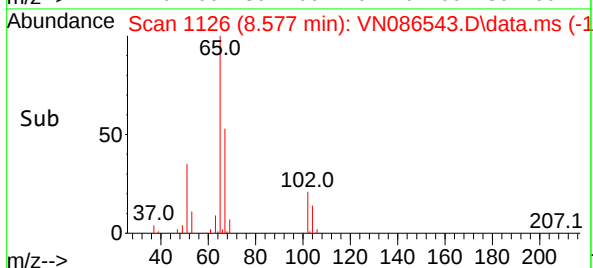
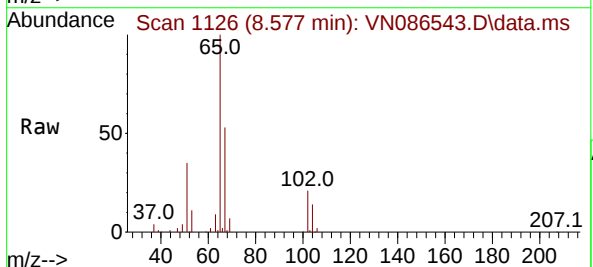


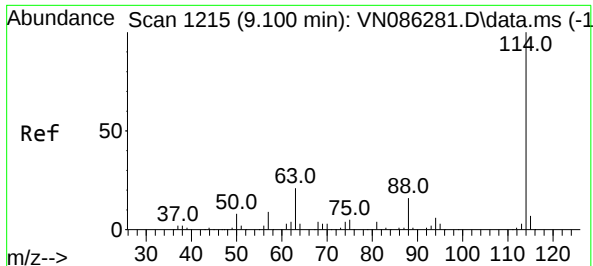
Tgt Ion: 56 Resp: 3970
Ion Ratio Lower Upper
56 100
69 154.8 24.2 36.2#
84 153.0 70.3 105.5#



#33
1,2-Dichloroethane-d4
Concen: 45.959 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086543.D
Acq: 08 May 2025 14:12

Tgt Ion: 65 Resp: 121662
Ion Ratio Lower Upper
65 100
67 52.2 0.0 106.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN086543.D

Acq: 08 May 2025 14:12

Instrument :

MSVOA_N

ClientSampleId :

PB167895ZHE#01

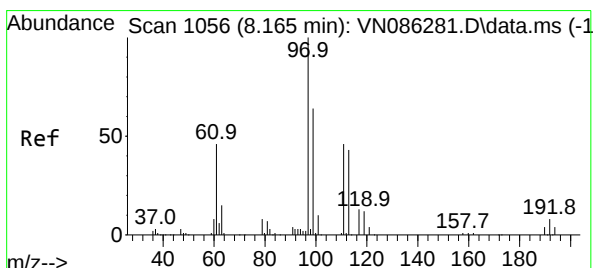
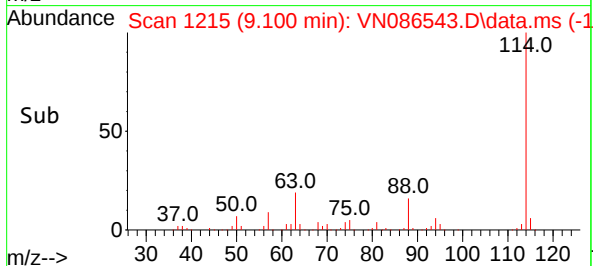
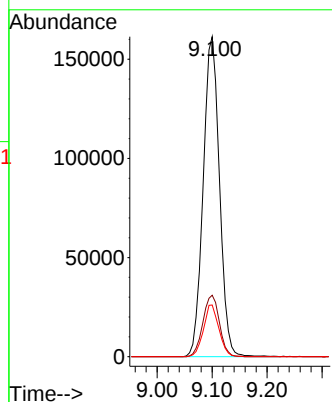
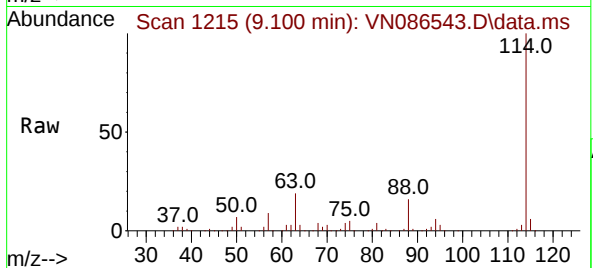
Tgt Ion:114 Resp: 331928

Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.6

88 16.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 61.638 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN086543.D

Acq: 08 May 2025 14:12

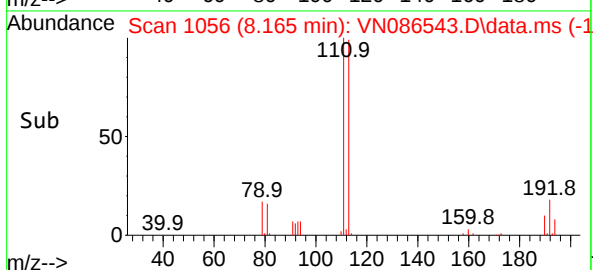
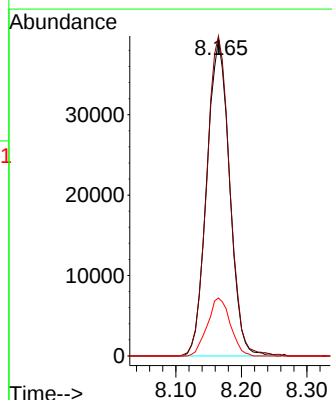
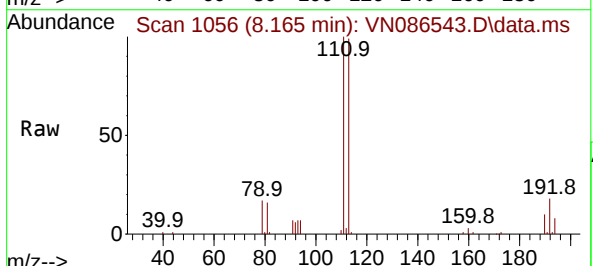
Tgt Ion:113 Resp: 94955

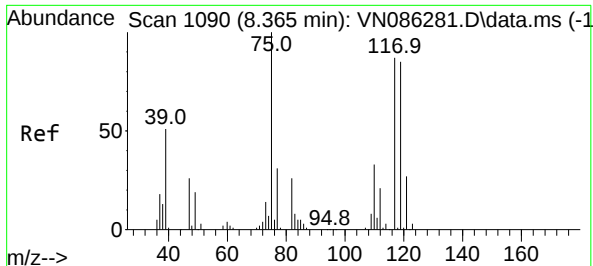
Ion Ratio Lower Upper

113 100

111 102.2 83.4 125.0

192 18.4 13.7 20.5





#36

1,1-Dichloropropene

Concen: 4.650 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.141 min

Lab File: VN086543.D

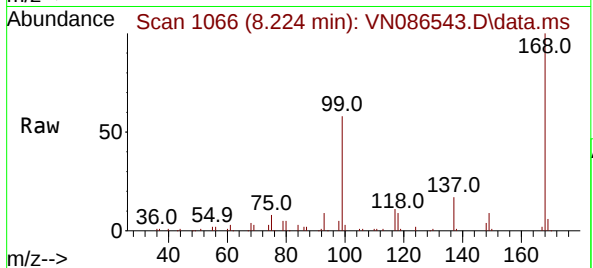
Acq: 08 May 2025 14:12

Instrument :

MSVOA_N

ClientSampleId :

PB167895ZHE#01



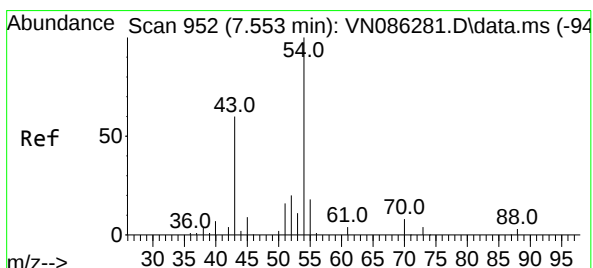
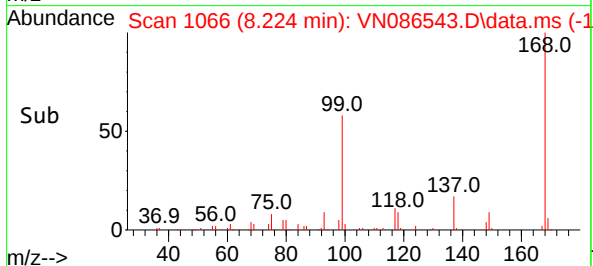
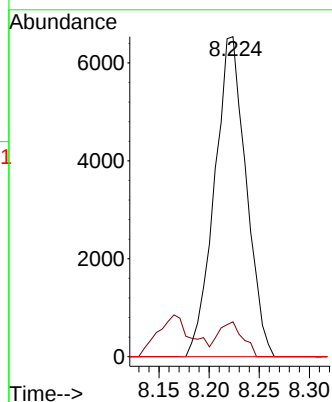
Tgt Ion: 75 Resp: 14309

Ion Ratio Lower Upper

75 100

110 8.4 16.8 50.4#

77 0.0 24.9 37.3#



#37

Ethyl Acetate

Concen: 1.908 ug/l

RT: 7.483 min Scan# 940

Delta R.T. -0.071 min

Lab File: VN086543.D

Acq: 08 May 2025 14:12

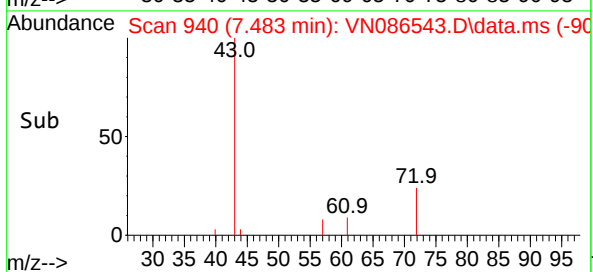
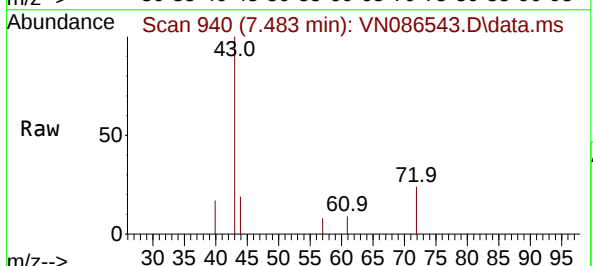
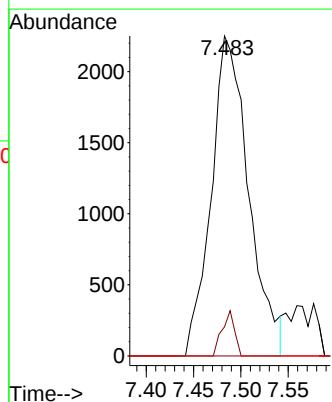
Tgt Ion: 43 Resp: 6180

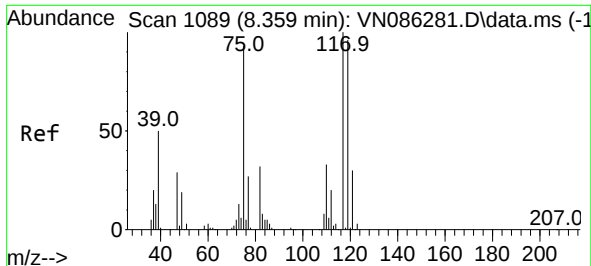
Ion Ratio Lower Upper

43 100

61 4.7 11.1 16.7#

70 0.0 9.2 13.8#

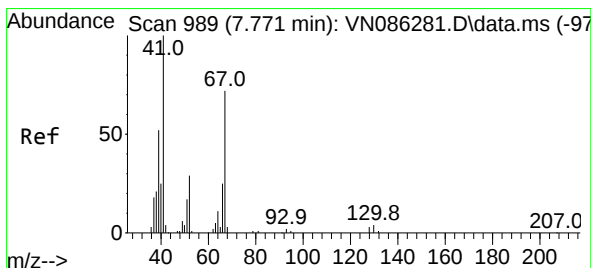
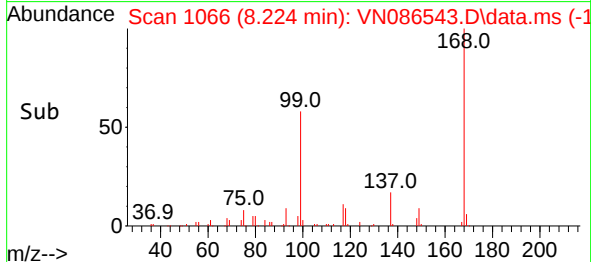
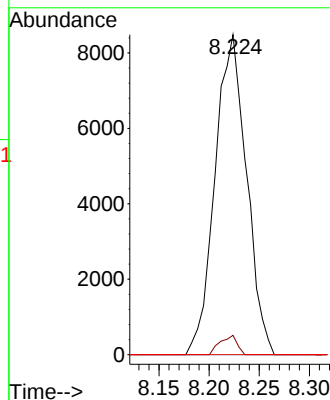
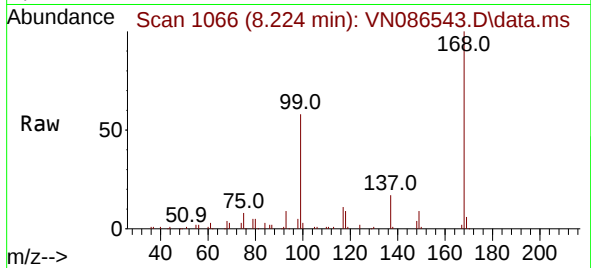




#38
Carbon Tetrachloride
Concen: 6.328 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN086543.D
Acq: 08 May 2025 14:12

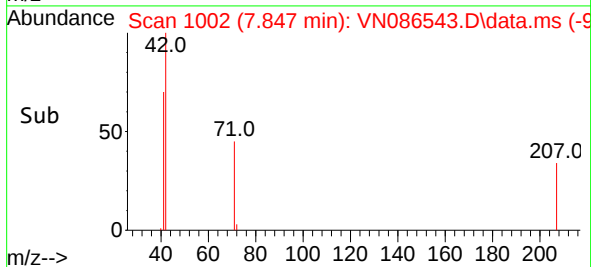
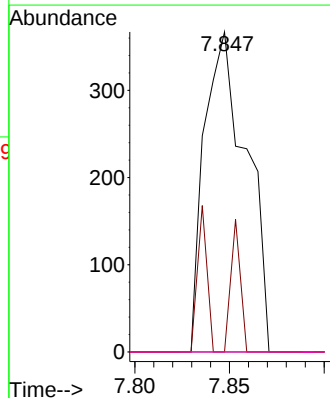
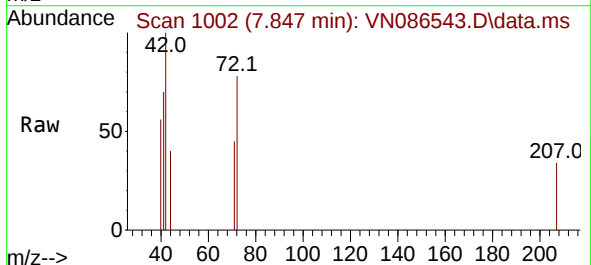
Instrument :
MSVOA_N
ClientSampleId :
PB167895ZHE#01

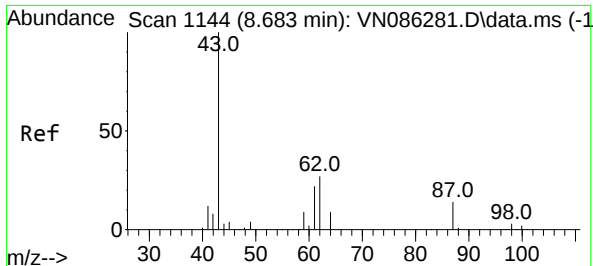
Tgt Ion:117 Resp: 18542
Ion Ratio Lower Upper
117 100
119 6.0 76.8 115.2#
121 0.0 23.8 35.8#



#41
Methacrylonitrile
Concen: 0.301 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.077 min
Lab File: VN086543.D
Acq: 08 May 2025 14:12

Tgt Ion: 41 Resp: 566
Ion Ratio Lower Upper
41 100
39 9.5 43.0 64.4#
67 0.0 58.8 88.2#
52 0.0 23.2 34.8#

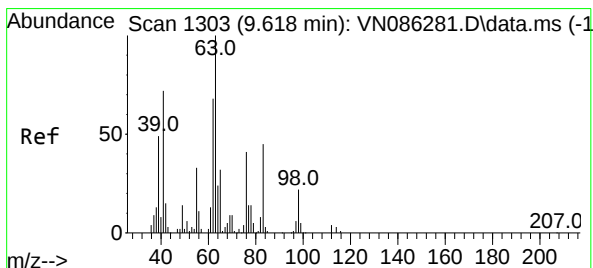
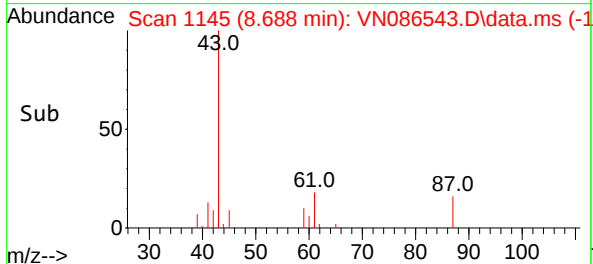
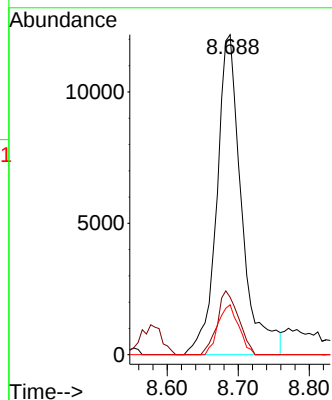
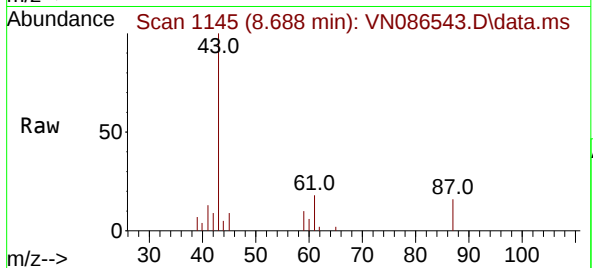




#43
Isopropyl Acetate
Concen: 3.267 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN086543.D
Acq: 08 May 2025 14:12

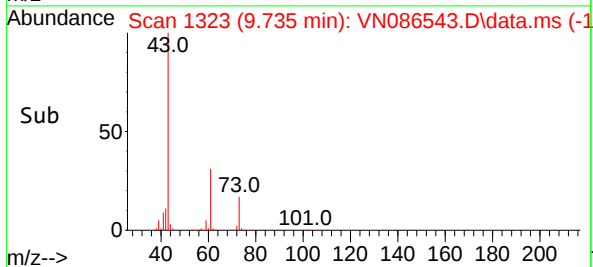
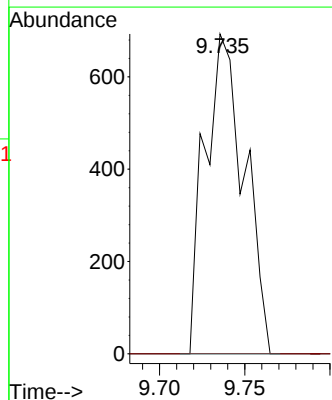
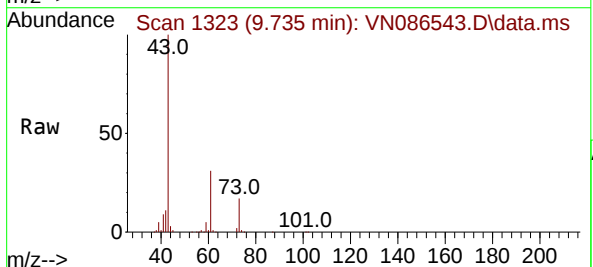
Instrument :
MSVOA_N
ClientSampleId :
PB167895ZHE#01

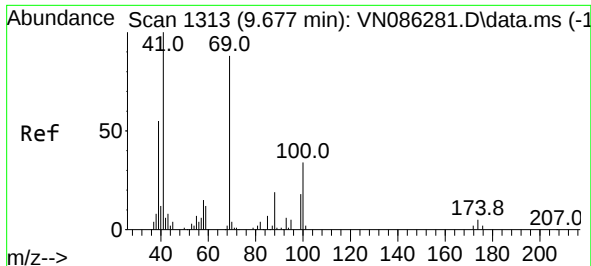
Tgt Ion: 43 Resp: 29482
Ion Ratio Lower Upper
43 100
61 17.2 20.5 30.7#
87 13.0 10.5 15.7



#45
1,2-Dichloropropane
Concen: 0.464 ug/l
RT: 9.735 min Scan# 1323
Delta R.T. 0.118 min
Lab File: VN086543.D
Acq: 08 May 2025 14:12

Tgt Ion: 63 Resp: 1119
Ion Ratio Lower Upper
63 100
65 0.0 25.4 38.2#

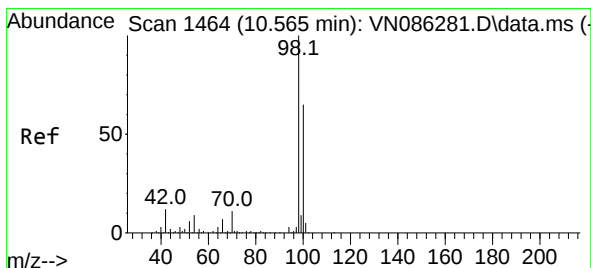
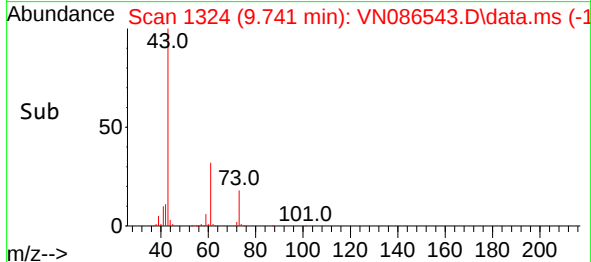
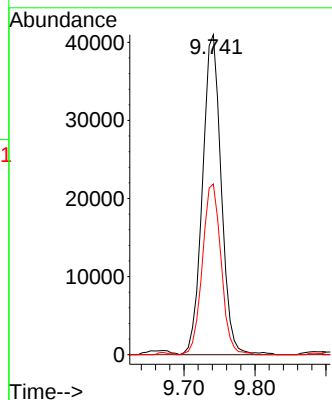
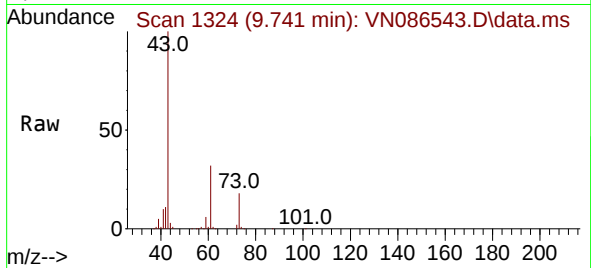




#48
Methyl methacrylate
Concen: 26.405 ug/l
RT: 9.741 min Scan# 11
Delta R.T. 0.065 min
Lab File: VN086543.D
Acq: 08 May 2025 14:12

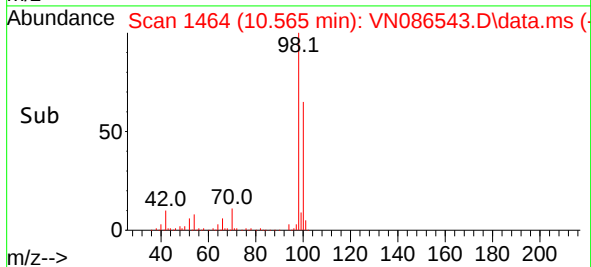
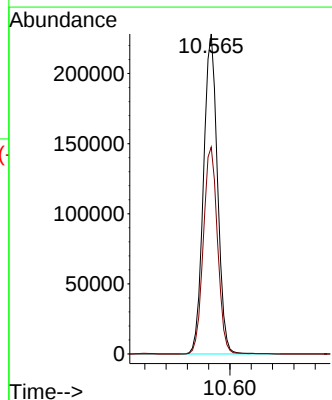
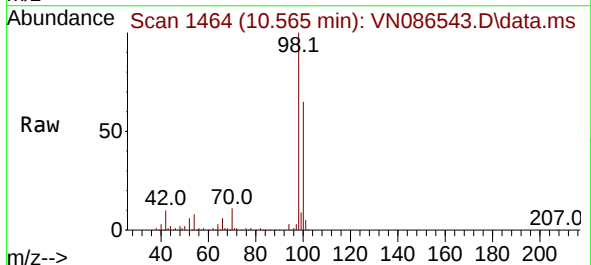
Instrument :
MSVOA_N
ClientSampleId :
PB167895ZHE#01

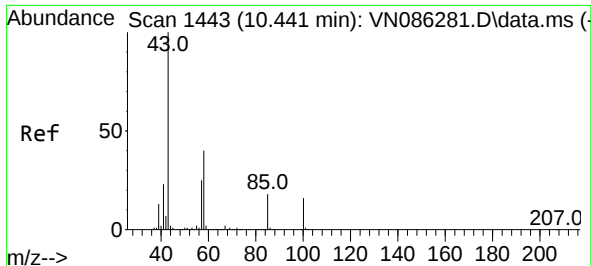
Tgt Ion: 41 Resp: 75116
Ion Ratio Lower Upper
41 100
69 0.0 68.2 102.2#
39 53.4 45.2 67.8



#50
Toluene-d8
Concen: 50.375 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086543.D
Acq: 08 May 2025 14:12

Tgt Ion: 98 Resp: 414749
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7

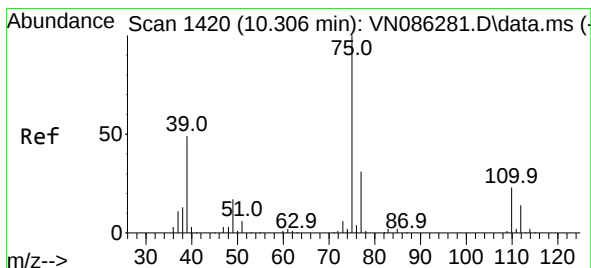
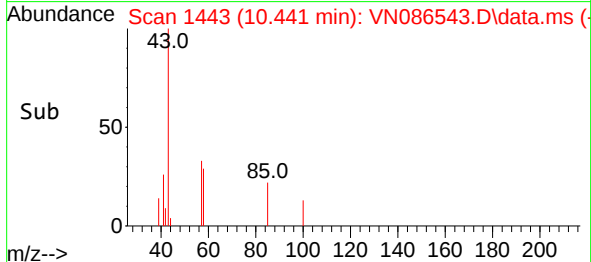
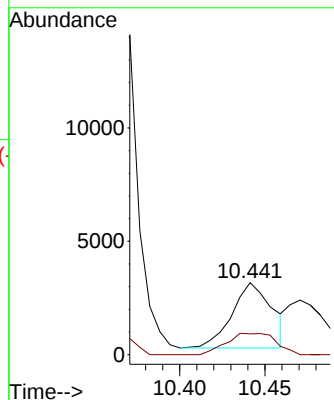
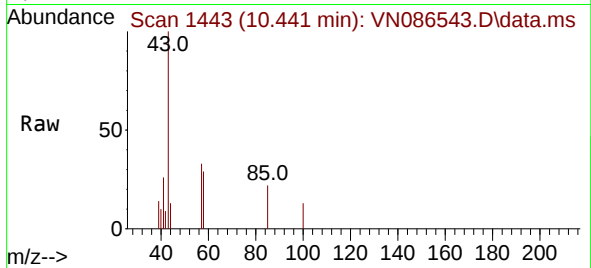




#51
4-Methyl-2-Pentanone
Concen: 1.413 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086543.D
Acq: 08 May 2025 14:12

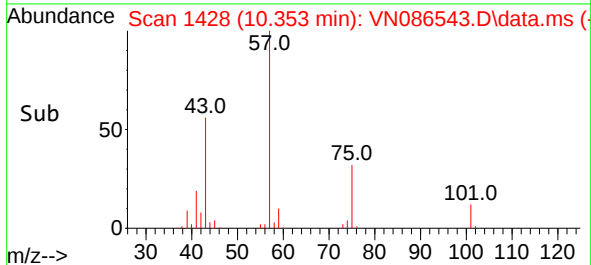
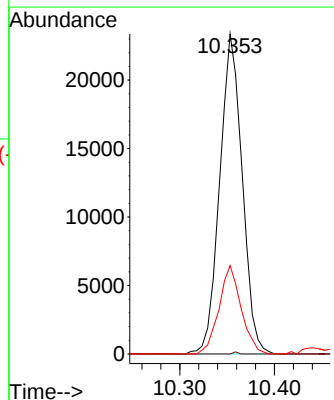
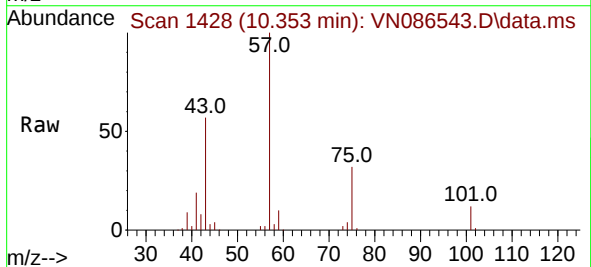
Instrument :
MSVOA_N
ClientSampleId :
PB167895ZHE#01

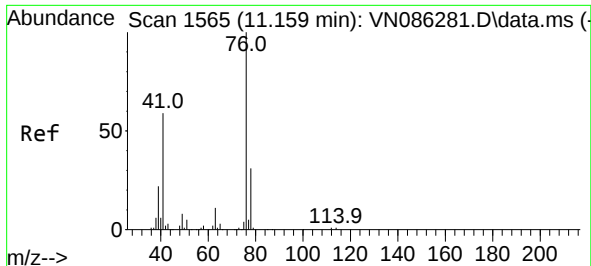
Tgt Ion: 43 Resp: 4688
Ion Ratio Lower Upper
43 100
58 40.6 32.2 48.4



#54
cis-1,3-Dichloropropene
Concen: 9.458 ug/l
RT: 10.353 min Scan# 1428
Delta R.T. 0.047 min
Lab File: VN086543.D
Acq: 08 May 2025 14:12

Tgt Ion: 75 Resp: 38508
Ion Ratio Lower Upper
75 100
77 0.0 25.2 37.8#
39 27.6 39.3 58.9#





#57

1,3-Dichloropropane

Concen: 0.906 ug/l

RT: 11.200 min Scan# 1572

Delta R.T. 0.041 min

Lab File: VN086543.D

Acq: 08 May 2025 14:12

Instrument :

MSVOA_N

ClientSampleId :

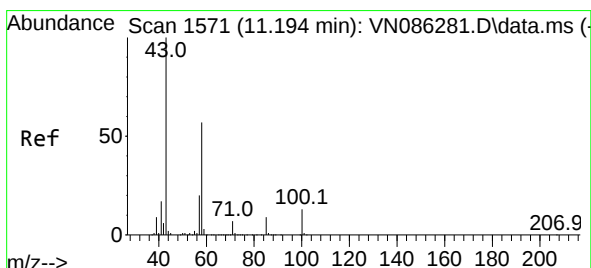
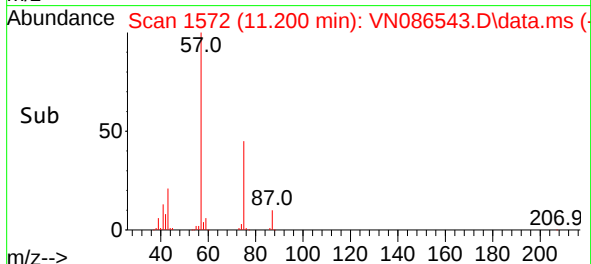
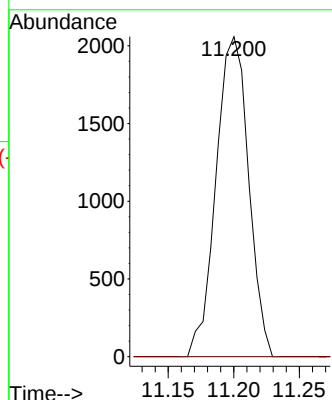
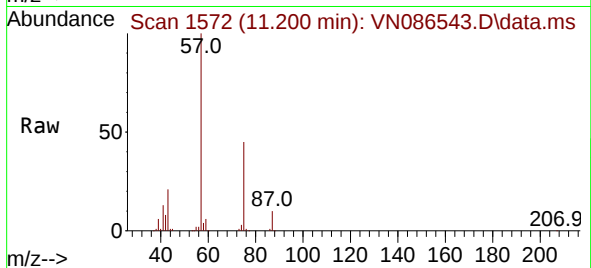
PB167895ZHE#01

Tgt Ion: 76 Resp: 3558

Ion Ratio Lower Upper

76 100

78 0.0 25.6 38.4#



#59

2-Hexanone

Concen: 25.543 ug/l

RT: 11.200 min Scan# 1572

Delta R.T. 0.006 min

Lab File: VN086543.D

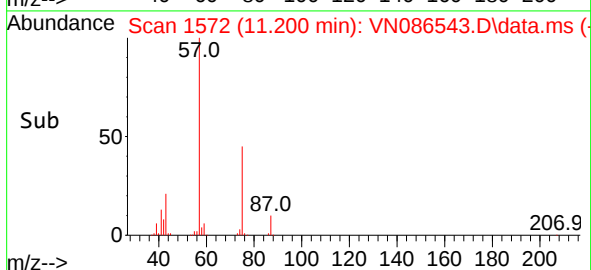
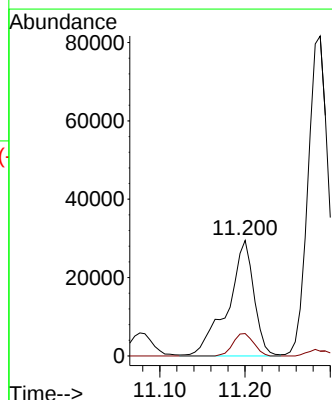
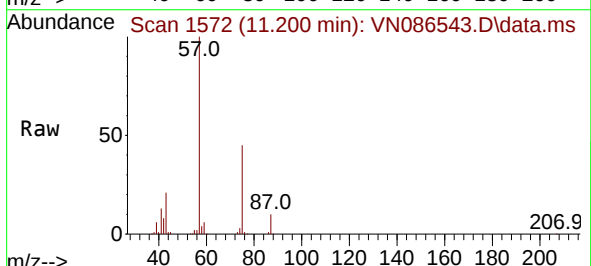
Acq: 08 May 2025 14:12

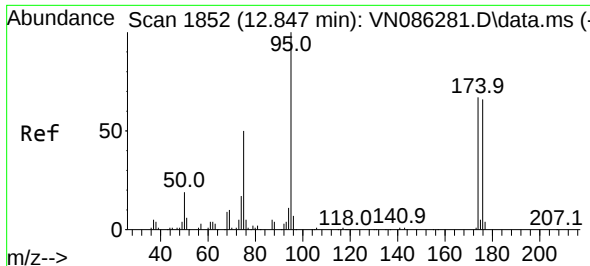
Tgt Ion: 43 Resp: 62848

Ion Ratio Lower Upper

43 100

58 15.4 28.3 85.0#

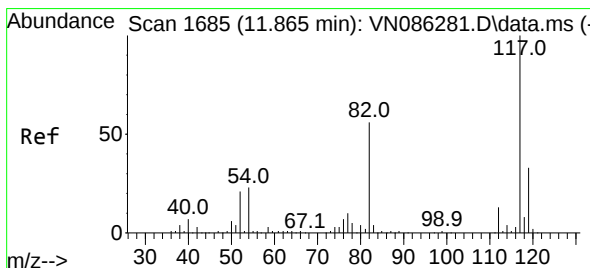
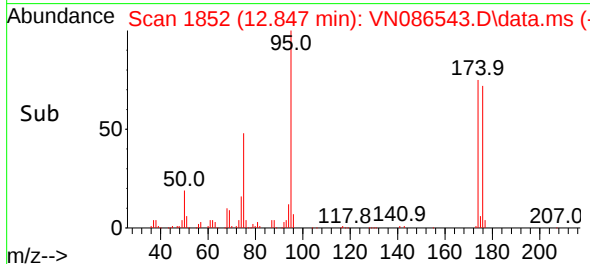
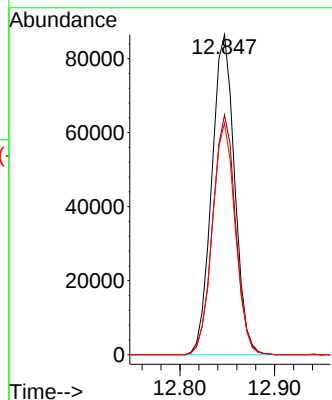
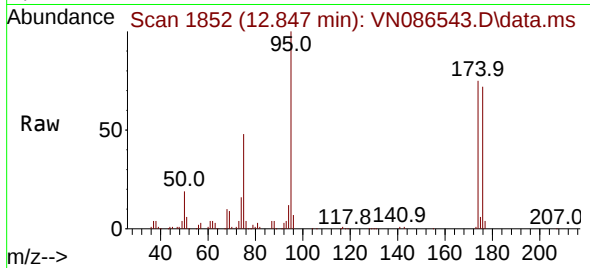




#62
4-Bromofluorobenzene
Concen: 48.150 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086543.D
Acq: 08 May 2025 14:12

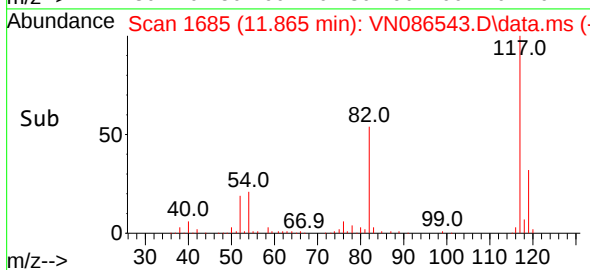
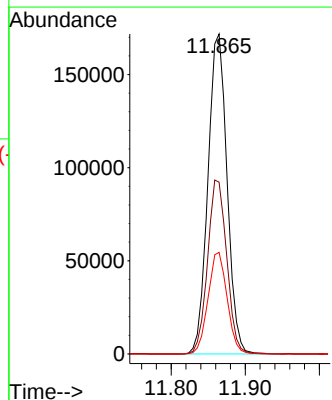
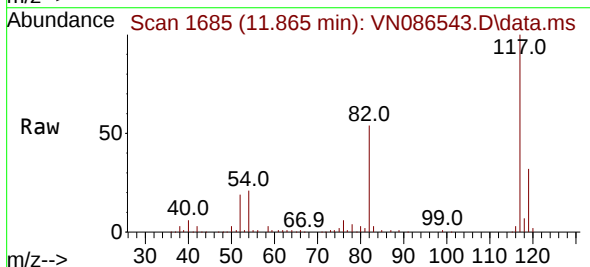
Instrument :
MSVOA_N
ClientSampleId :
PB167895ZHE#01

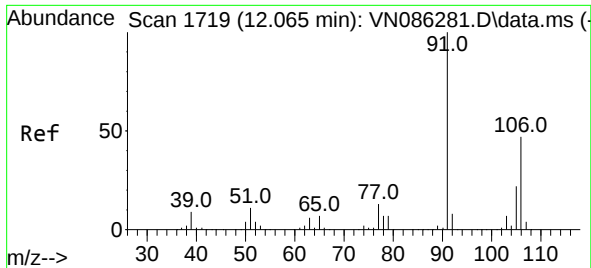
Tgt Ion: 95 Resp: 144597
Ion Ratio Lower Upper
95 100
174 75.2 0.0 133.4
176 72.9 0.0 129.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086543.D
Acq: 08 May 2025 14:12

Tgt Ion: 117 Resp: 307855
Ion Ratio Lower Upper
117 100
82 53.7 44.7 67.1
119 31.8 26.4 39.6

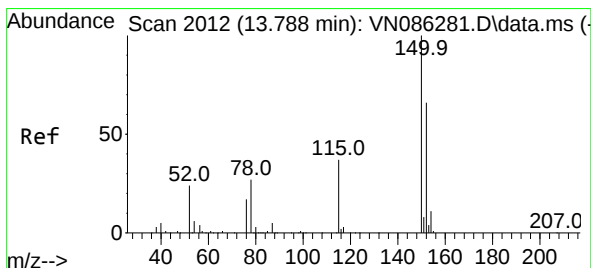
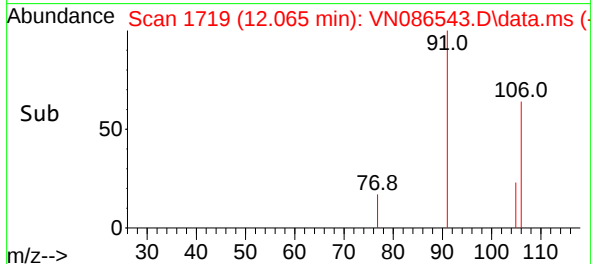
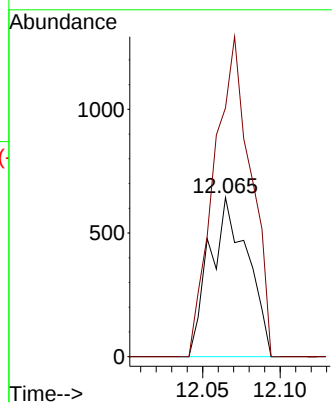
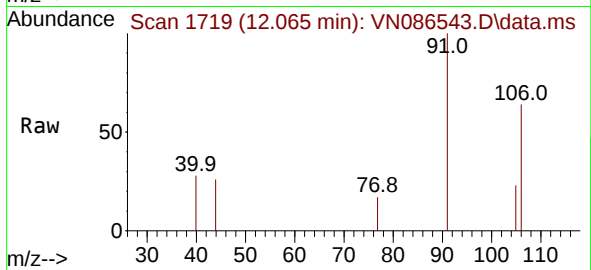




#68
m/p-Xylenes
Concen: 0.237 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN086543.D
Acq: 08 May 2025 14:12

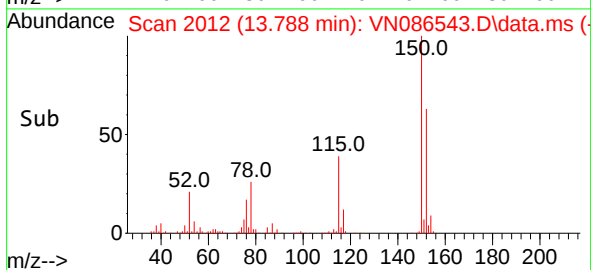
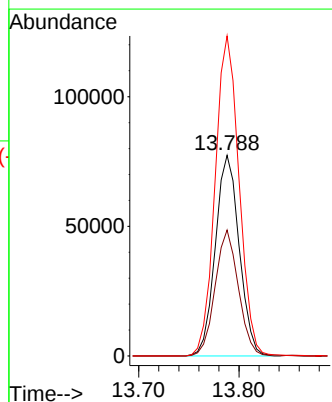
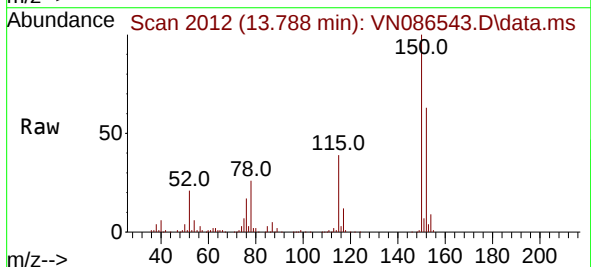
Instrument :
MSVOA_N
ClientSampleId :
PB167895ZHE#01

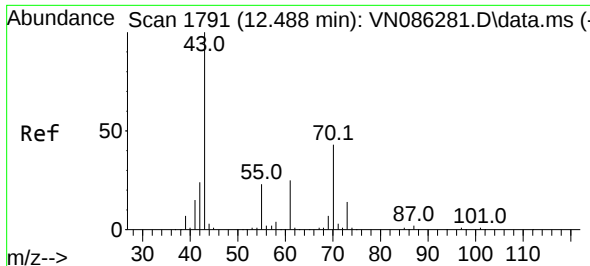
Tgt Ion:106 Resp: 1099
Ion Ratio Lower Upper
106 100
91 194.3 166.5 249.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN086543.D
Acq: 08 May 2025 14:12

Tgt Ion:152 Resp: 127819
Ion Ratio Lower Upper
152 100
115 61.0 31.9 95.9
150 159.9 0.0 352.0

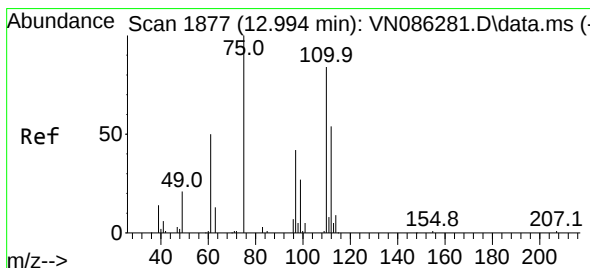
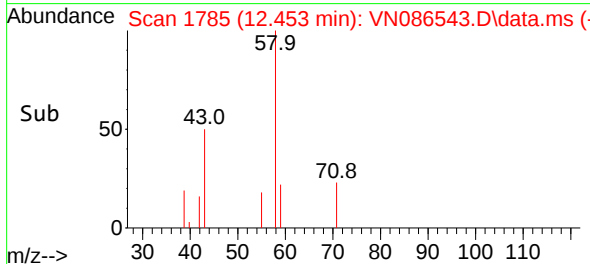
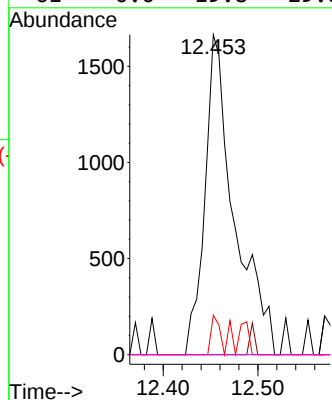
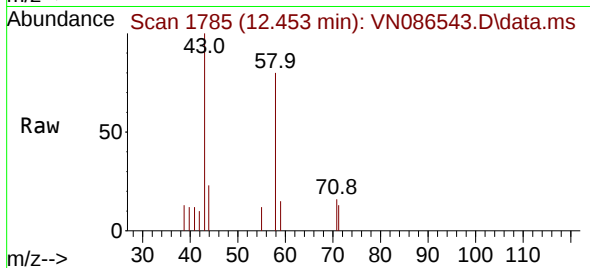




#74
N-amy1 acetate
Concen: 0.692 ug/l
RT: 12.453 min Scan# 11
Delta R.T. -0.035 min
Lab File: VN086543.D
Acq: 08 May 2025 14:12

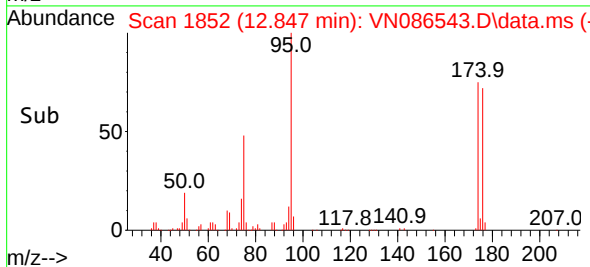
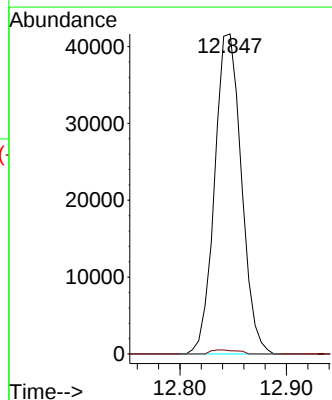
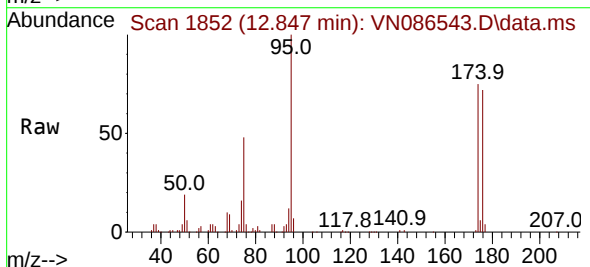
Instrument :
MSVOA_N
ClientSampleId :
PB167895ZHE#01

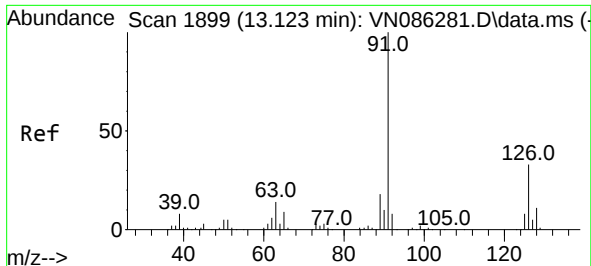
Tgt Ion: 43	Resp: 3604
Ion Ratio	Lower Upper
43 100	
70 0.0	35.0 52.4#
55 3.5	19.0 28.4#
61 0.0	19.8 29.8#



#76
1,2,3-Trichloropropane
Concen: 24.099 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN086543.D
Acq: 08 May 2025 14:12

Tgt Ion: 75	Resp:	72692	
Ion Ratio	Lower	Upper	
75 100			
77 1.3	98.8	296.4#	

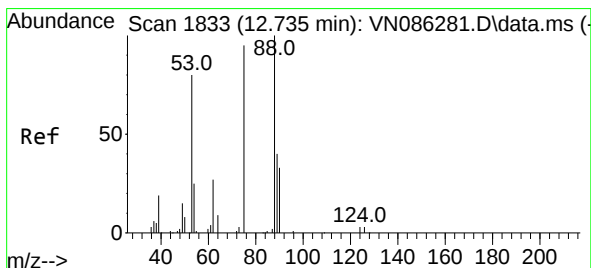
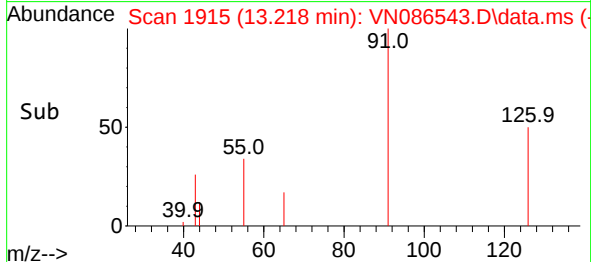
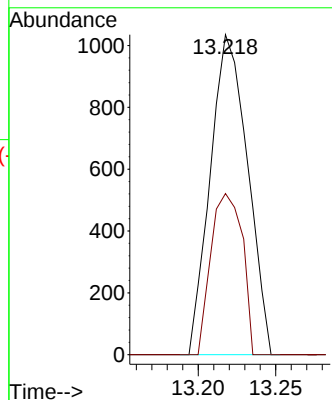
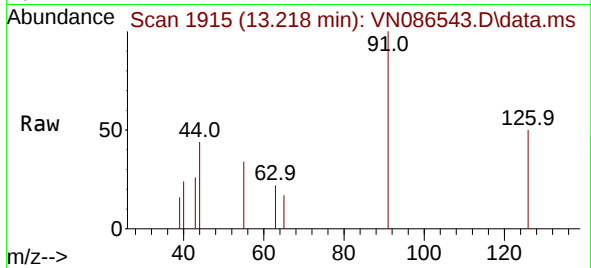




#79
2-Chlorotoluene
Concen: 0.224 ug/l
RT: 13.218 min Scan# 1899
Delta R.T. 0.094 min
Lab File: VN086543.D
Acq: 08 May 2025 14:12

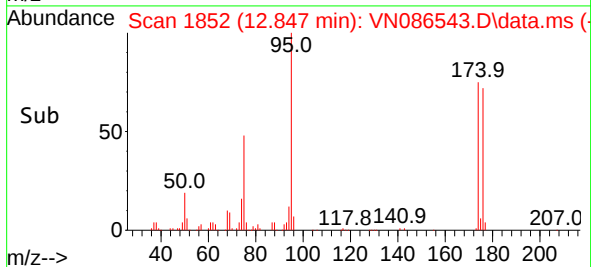
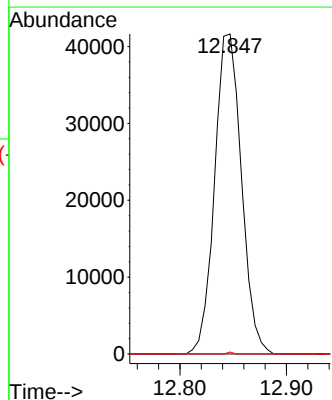
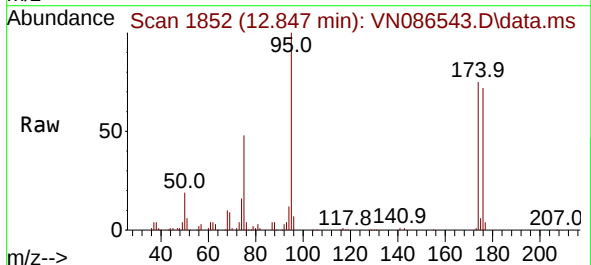
Instrument :
MSVOA_N
ClientSampleId :
PB167895ZHE#01

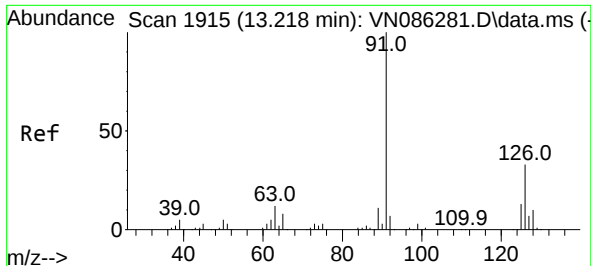
Tgt Ion: 91 Resp: 1729
Ion Ratio Lower Upper
91 100
126 42.5 16.1 48.2



#81
trans-1,4-Dichloro-2-butene
Concen: 57.878 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN086543.D
Acq: 08 May 2025 14:12

Tgt Ion: 75 Resp: 72692
Ion Ratio Lower Upper
75 100
53 0.0 79.2 118.8#
89 0.1 35.7 53.5#

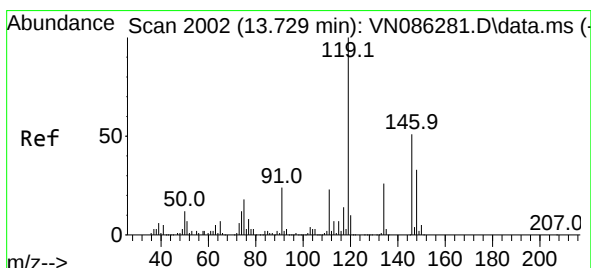
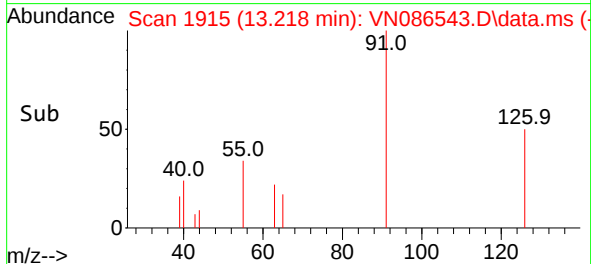
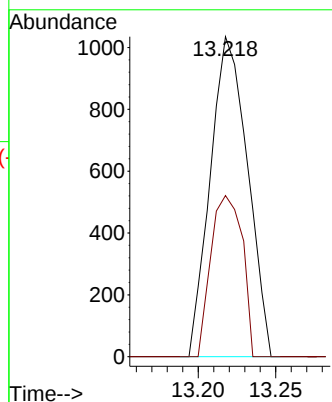
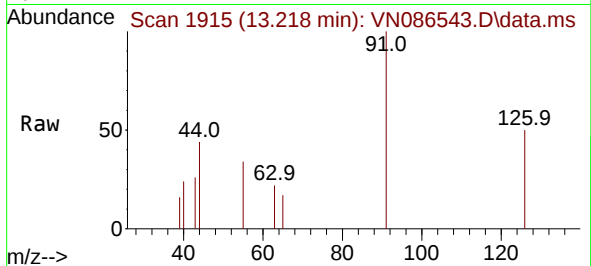




#82
4-Chlorotoluene
Concen: 0.226 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086543.D
Acq: 08 May 2025 14:12

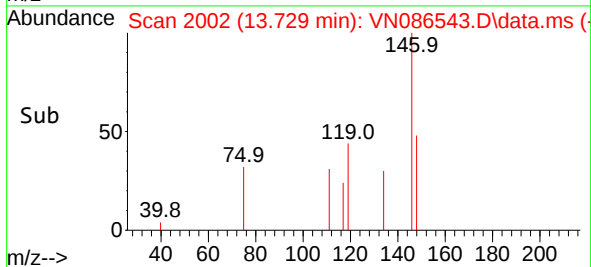
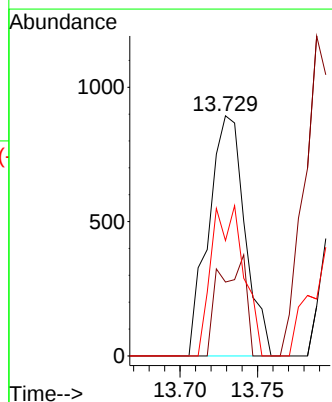
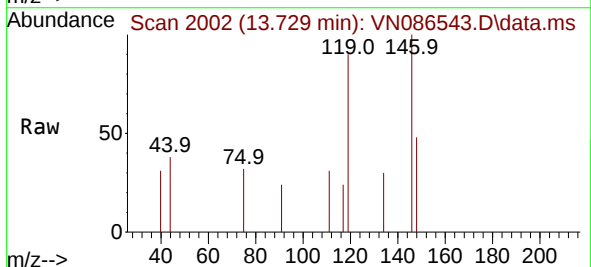
Instrument :
MSVOA_N
ClientSampleId :
PB167895ZHE#01

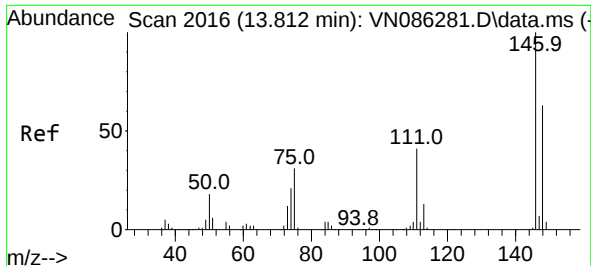
Tgt Ion: 91 Resp: 1729
Ion Ratio Lower Upper
91 100
126 42.5 16.2 48.6



#87
1,3-Dichlorobenzene
Concen: 0.335 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN086543.D
Acq: 08 May 2025 14:12

Tgt Ion: 146 Resp: 1458
Ion Ratio Lower Upper
146 100
111 30.5 21.9 65.7
148 55.4 31.9 95.5

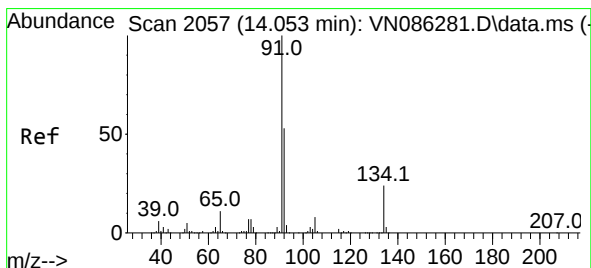
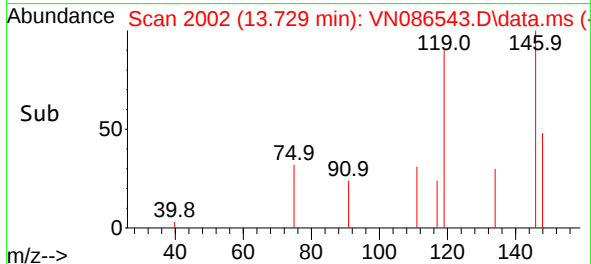
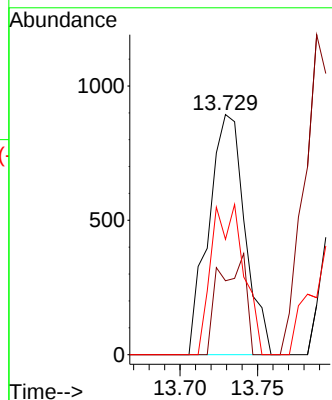
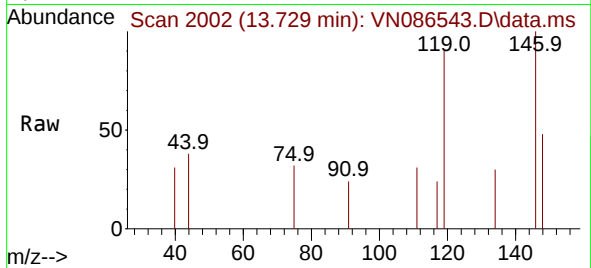




#88
1,4-Dichlorobenzene
Concen: 0.332 ug/l
RT: 13.729 min Scan# 2016
Delta R.T. -0.082 min
Lab File: VN086543.D
Acq: 08 May 2025 14:12

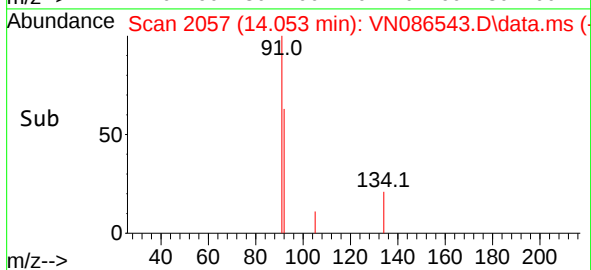
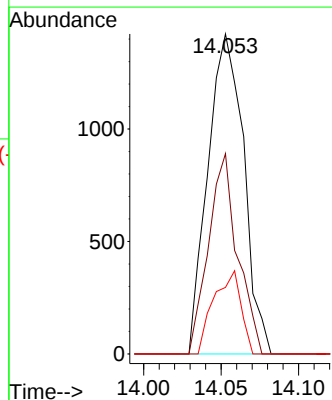
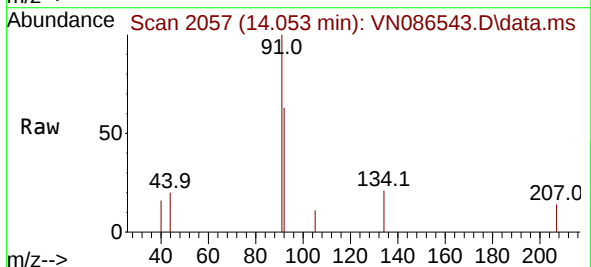
Instrument :
MSVOA_N
ClientSampleId :
PB167895ZHE#01

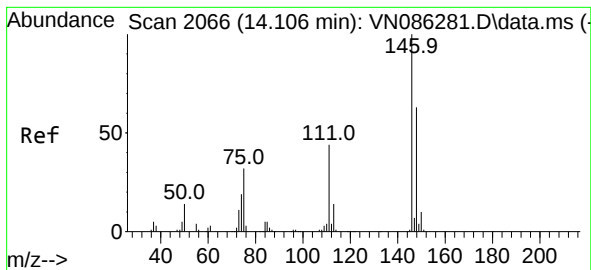
Tgt Ion:146 Resp: 1458
Ion Ratio Lower Upper
146 100
111 30.5 21.3 63.9
148 55.4 31.9 95.9



#89
n-Butylbenzene
Concen: 0.304 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN086543.D
Acq: 08 May 2025 14:12

Tgt Ion: 91 Resp: 2281
Ion Ratio Lower Upper
91 100
92 50.9 26.8 80.4
134 19.8 12.2 36.6





#91

1,2-Dichlorobenzene

Concen: 0.261 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN086543.D

Acq: 08 May 2025 14:12

Instrument :

MSVOA_N

ClientSampleId :

PB167895ZHE#01

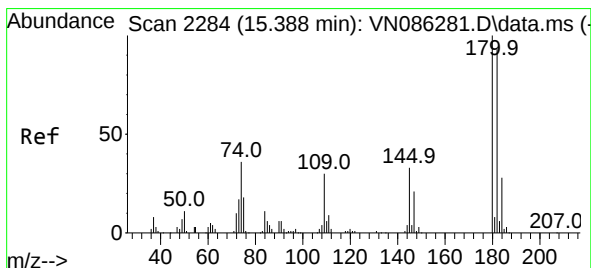
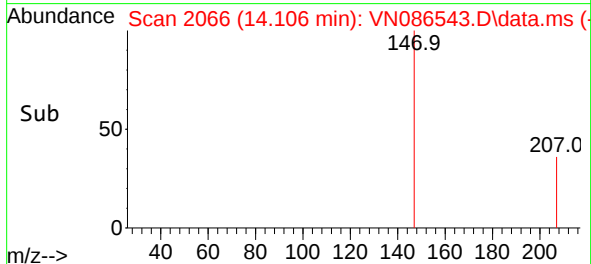
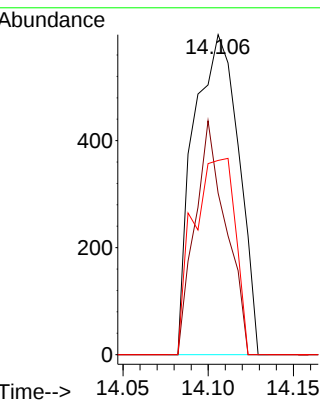
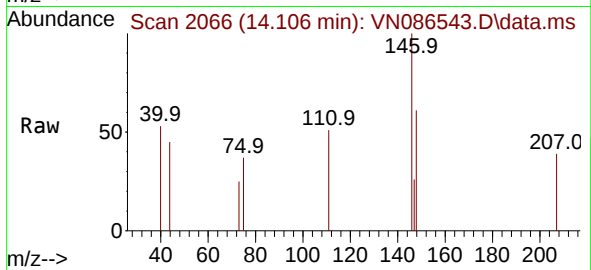
Tgt Ion:146 Resp: 1102

Ion Ratio Lower Upper

146 100

111 50.2 22.4 67.0

148 57.0 31.8 95.4



#93

1,2,4-Trichlorobenzene

Concen: 0.705 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. 0.000 min

Lab File: VN086543.D

Acq: 08 May 2025 14:12

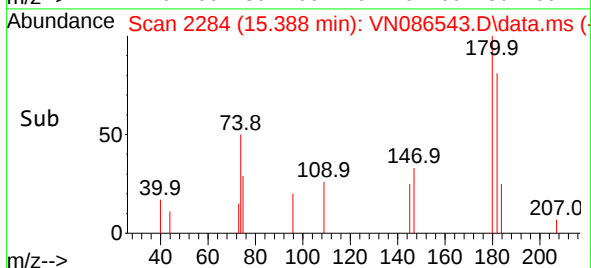
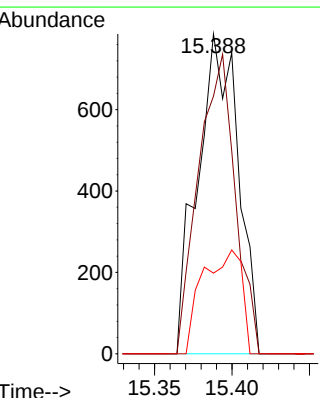
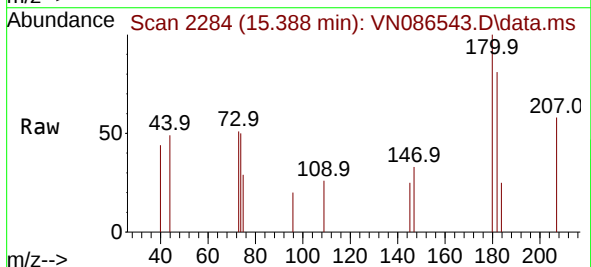
Tgt Ion:180 Resp: 1425

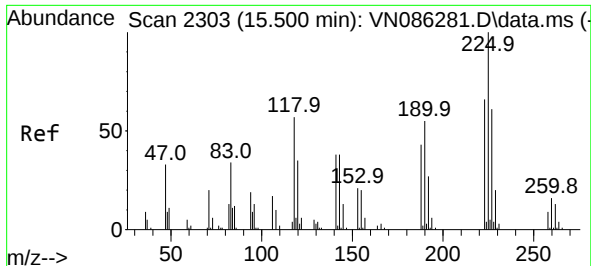
Ion Ratio Lower Upper

180 100

182 84.8 47.0 141.0

145 31.2 16.4 49.1

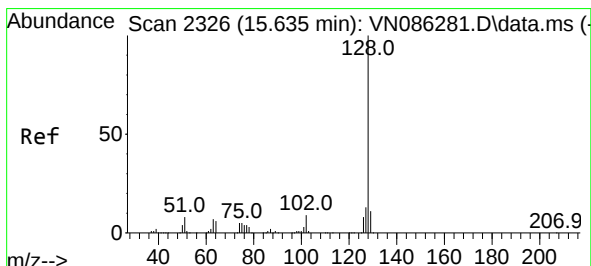
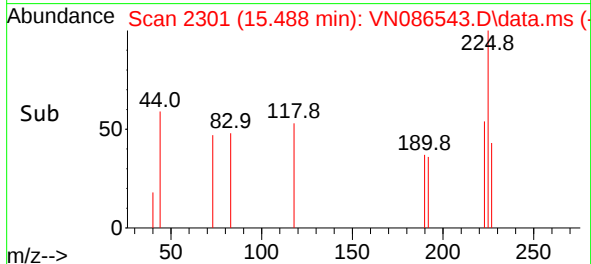
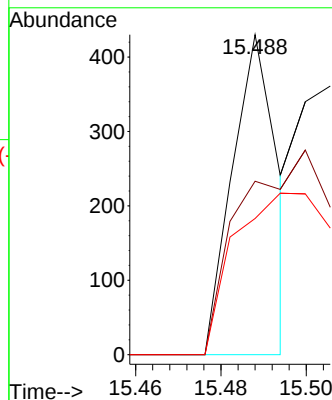
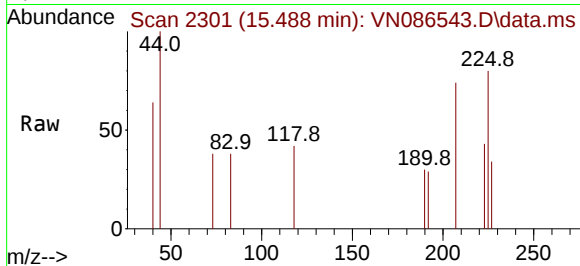




#94
Hexachlorobutadiene
Concen: 0.418 ug/l
RT: 15.488 min Scan# 21
Delta R.T. -0.012 min
Lab File: VN086543.D
Acq: 08 May 2025 14:12

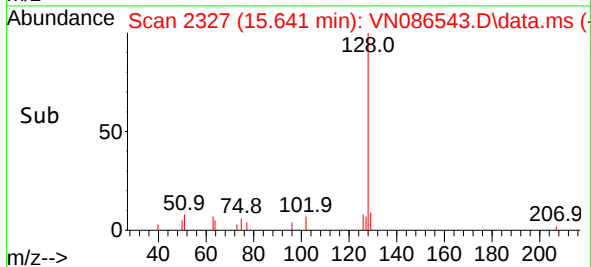
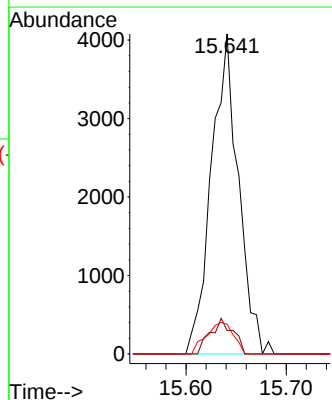
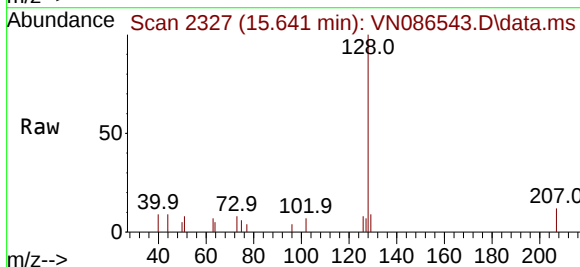
Instrument :
MSVOA_N
ClientSampleId :
PB167895ZHE#01

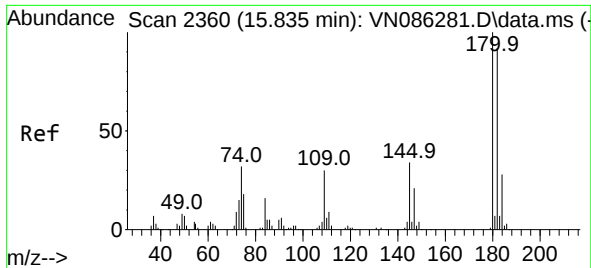
Tgt Ion:225 Resp: 319
Ion Ratio Lower Upper
225 100
223 122.6 32.8 98.3#
227 121.0 31.4 94.0#



#95
Naphthalene
Concen: 1.069 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN086543.D
Acq: 08 May 2025 14:12

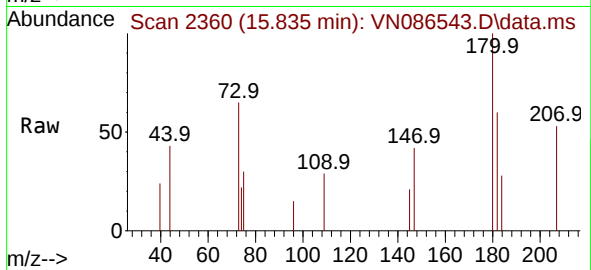
Tgt Ion:128 Resp: 7660
Ion Ratio Lower Upper
128 100
127 9.3 10.2 15.4#
129 9.9 8.6 13.0





#96
1,2,3-Trichlorobenzene
Concen: 0.739 ug/l
RT: 15.835 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN086543.D
Acq: 08 May 2025 14:12

Instrument :
MSVOA_N
ClientSampleId :
PB167895ZHE#01



Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	47.3	142.0
145	33.3	17.2	51.5

