

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081525\
 Data File : VN087574.D
 Acq On : 15 Aug 2025 10:51
 Operator : JC\MD
 Sample : VN0815MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 18 05:40:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:56:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	228978	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.082	114	520207	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	474017	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	214374	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	213880	55.049	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.100%	
35) Dibromofluoromethane	8.153	113	161693	45.060	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 90.120%	
50) Toluene-d8	10.547	98	580394	45.343	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 90.680%	
62) 4-Bromofluorobenzene	12.829	95	197517	41.767	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 83.540%	

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	2.142	85	529	0.218	ug/l	# 39
5) Bromomethane	2.995	94	1101	0.700	ug/l	# 72
10) Methyl Iodide	4.583	142	284	5.737	ug/l	# 40
11) Tert butyl alcohol	5.536	59	189	0.256	ug/l	# 72
13) Acrolein	4.177	56	802	1.355	ug/l	# 62
15) Acrylonitrile	5.718	53	1591	0.795	ug/l	# 80
16) Acetone	4.412	43	1817	0.997	ug/l	97
17) Carbon Disulfide	4.695	76	3904	0.504	ug/l	# 71
20) Methylene Chloride	5.253	84	298	Below Cal	#	55
21) trans-1,2-Dichloroethene	5.771	96	935	0.317	ug/l	# 43
25) 2-Butanone	7.465	43	660	0.234	ug/l	# 51
29) Tetrahydrofuran	7.841	42	1167	0.638	ug/l	# 68
31) Cyclohexane	8.212	56	8197	1.716	ug/l	# 1
36) 1,1-Dichloropropene	8.206	75	24713	5.213	ug/l	# 50
38) Carbon Tetrachloride	8.212	117	27798	5.323	ug/l	# 13
49) 1,4-Dioxane	9.694	88	55	0.750	ug/l	# 11
51) 4-Methyl-2-Pentanone	10.429	43	2212	0.329	ug/l	96
56) Ethyl methacrylate	10.894	69	55	0.644	ug/l	# 1
58) 2-Chloroethyl Vinyl ether	10.135	63	700	0.226	ug/l	# 82
68) m/p-Xylenes	12.065	106	1453	0.221	ug/l	98
71) Bromoform	12.829	173	1754	0.600	ug/l	# 1
76) 1,2,3-Trichloropropane	12.829	75	116658	24.268	ug/l	# 1
78) n-propylbenzene	13.018	91	3814	0.225	ug/l	86
79) 2-Chlorotoluene	13.112	91	2217	0.213	ug/l	86
81) trans-1,4-Dichloro-2-b...	12.829	75	116658	66.400	ug/l	# 8
82) 4-Chlorotoluene	13.206	91	2457	0.226	ug/l	82
83) tert-Butylbenzene	13.417	119	2544	0.265	ug/l	89
84) 1,2,4-Trimethylbenzene	13.470	105	2492	0.212	ug/l	83
85) sec-Butylbenzene	13.600	105	2989	0.207	ug/l	96
86) p-Isopropyltoluene	13.712	119	2797	0.241	ug/l	91
87) 1,3-Dichlorobenzene	13.712	146	1599	0.233	ug/l	91
88) 1,4-Dichlorobenzene	13.712	146	1599	0.218	ug/l	88
89) n-Butylbenzene	14.035	91	3799	0.343	ug/l	94
93) 1,2,4-Trichlorobenzene	15.364	180	1854	0.485	ug/l	91
94) Hexachlorobutadiene	15.470	225	807	0.568	ug/l	67
95) Naphthalene	15.617	128	6597	0.487	ug/l	99

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QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

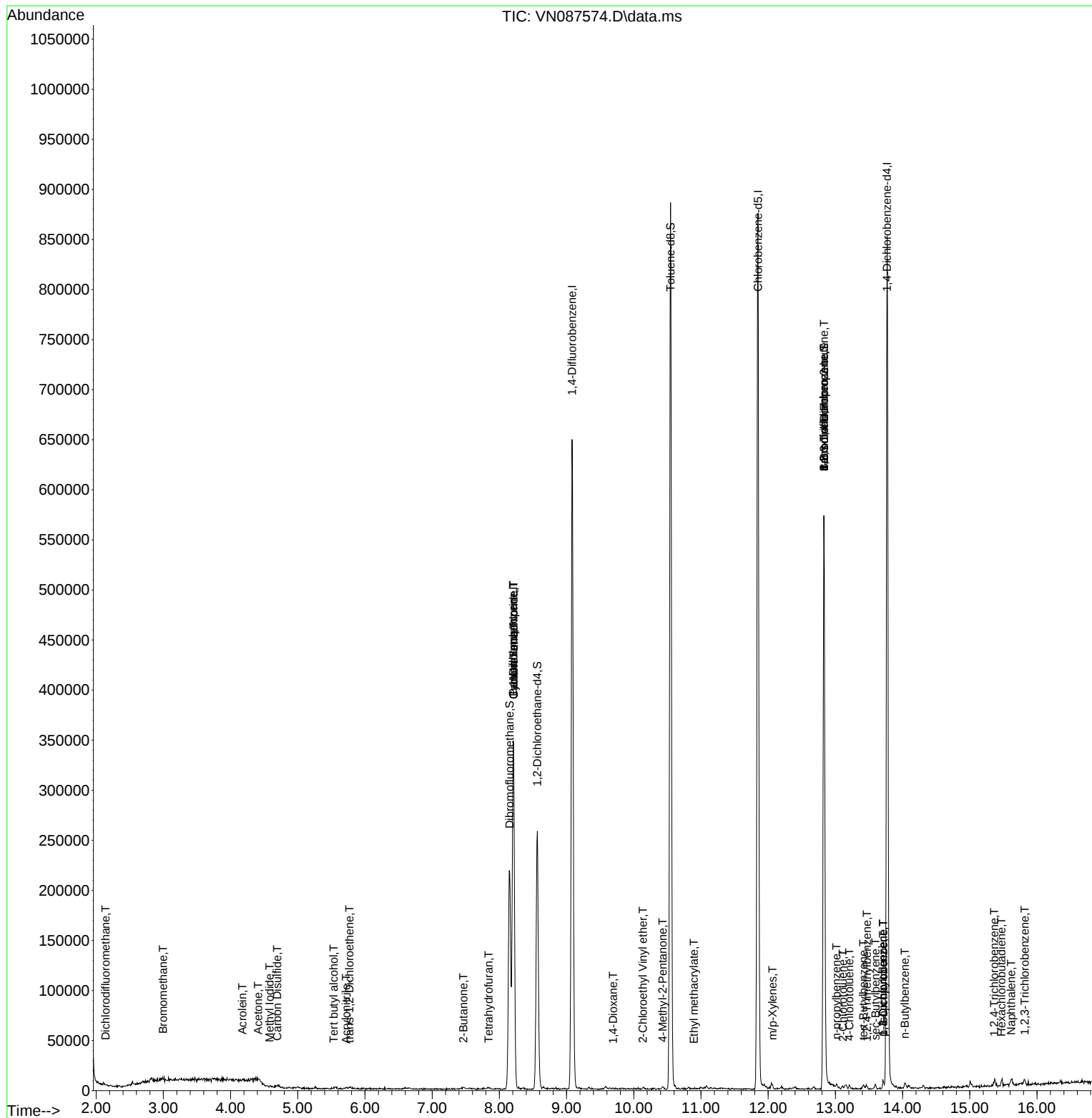
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.817	180	1926	0.502	ug/l	91

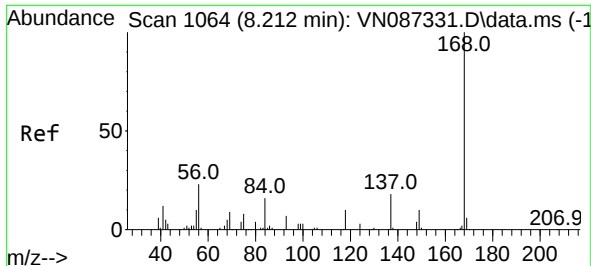
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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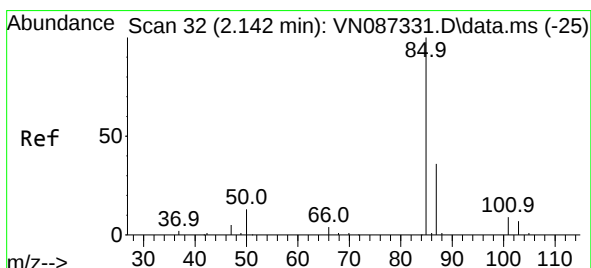
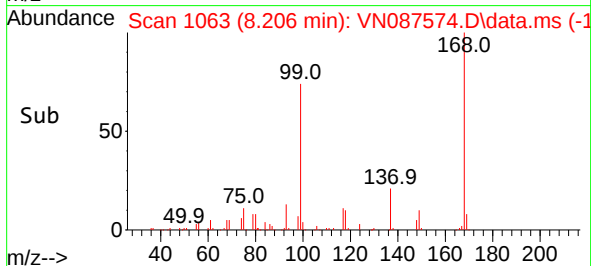
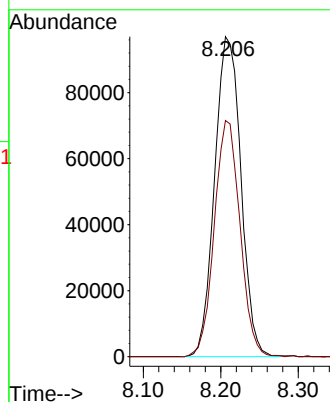
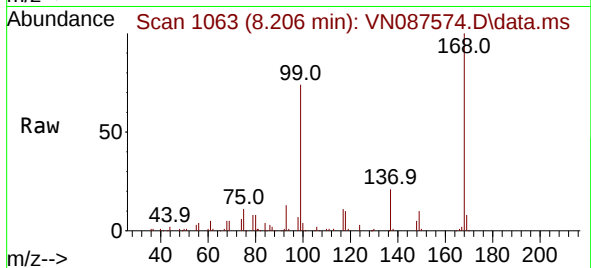




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN087574.D
Acq: 15 Aug 2025 10:51

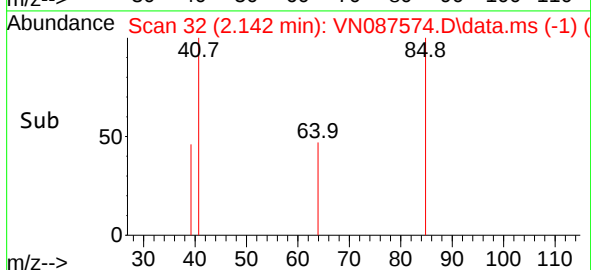
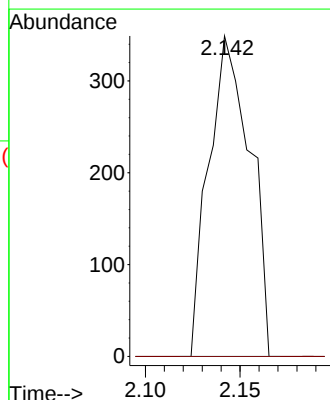
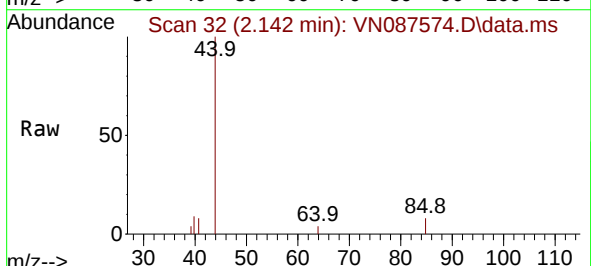
Instrument :
MSVOA_N
ClientSampleId :

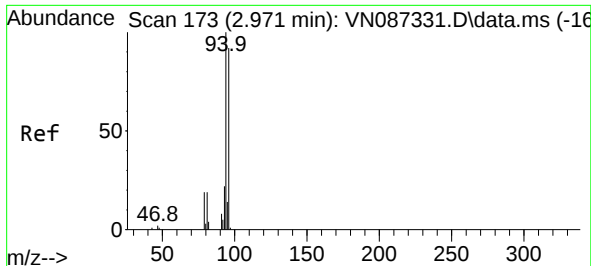
Tgt Ion:168 Resp: 228978
Ion Ratio Lower Upper
168 100
99 73.8 47.9 71.9#



#2
Dichlorodifluoromethane
Concen: 0.218 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087574.D
Acq: 15 Aug 2025 10:51

Tgt Ion: 85 Resp: 529
Ion Ratio Lower Upper
85 100
87 0.0 17.8 53.3#

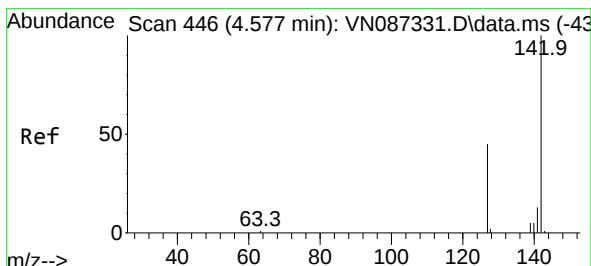
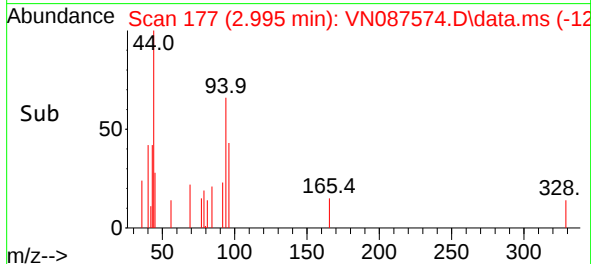
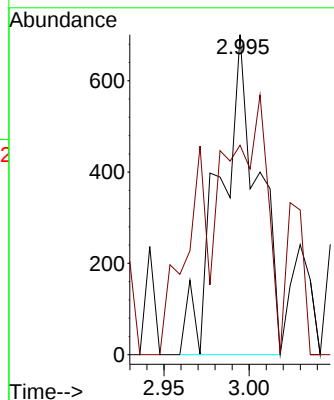
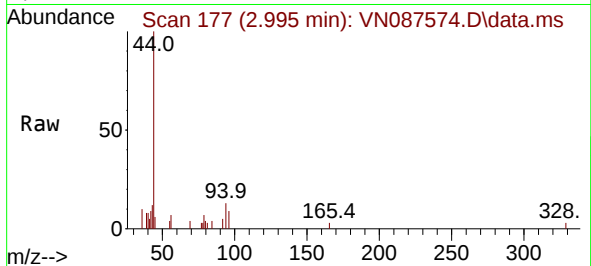




#5
Bromomethane
Concen: 0.700 ug/l
RT: 2.995 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN087574.D
Acq: 15 Aug 2025 10:51

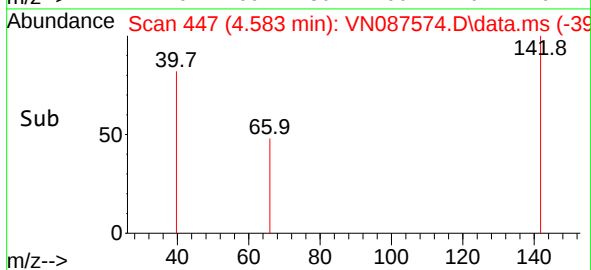
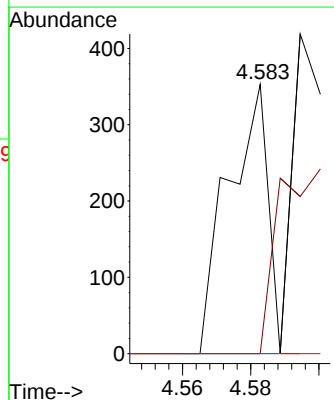
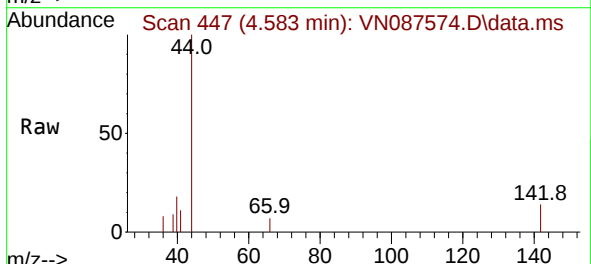
Instrument :
MSVOA_N
ClientSampleId :

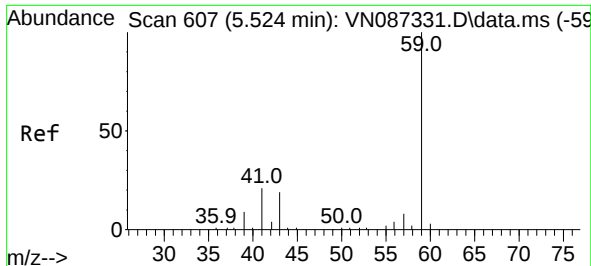
Tgt Ion: 94 Resp: 1101
Ion Ratio Lower Upper
94 100
96 65.5 73.4 110.2#



#10
Methyl Iodide
Concen: 5.737 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN087574.D
Acq: 15 Aug 2025 10:51

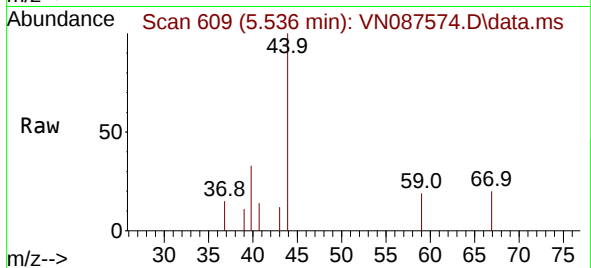
Tgt Ion:142 Resp: 284
Ion Ratio Lower Upper
142 100
127 0.0 35.7 53.5#
141 0.0 10.4 15.6#



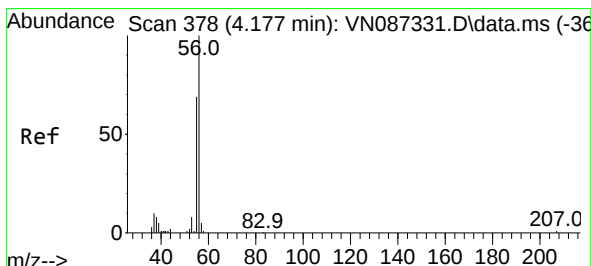
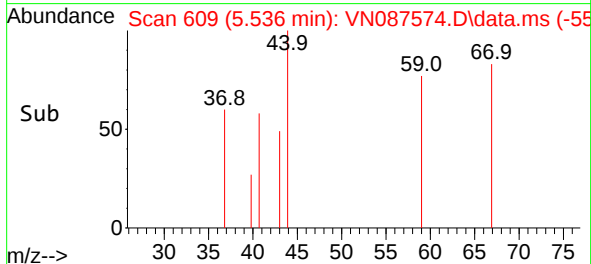
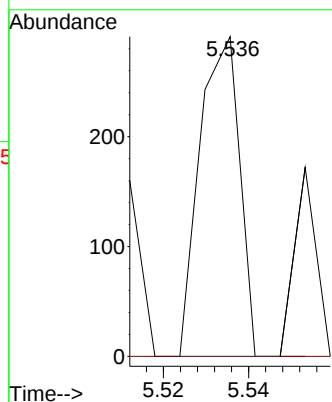


#11
Tert butyl alcohol
Concen: 0.256 ug/l
RT: 5.536 min Scan# 607
Delta R.T. 0.012 min
Lab File: VN087574.D
Acq: 15 Aug 2025 10:51

Instrument :
MSVOA_N
ClientSampleId :

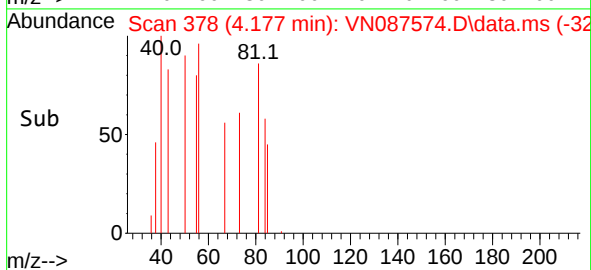
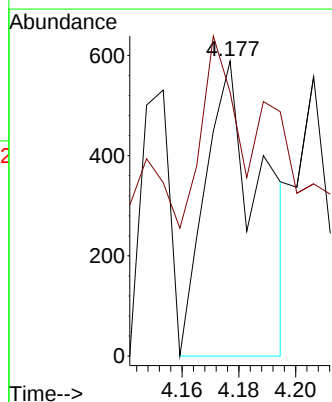
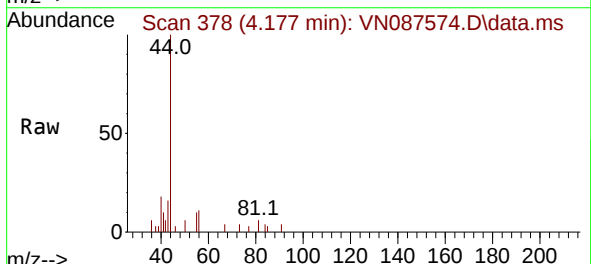


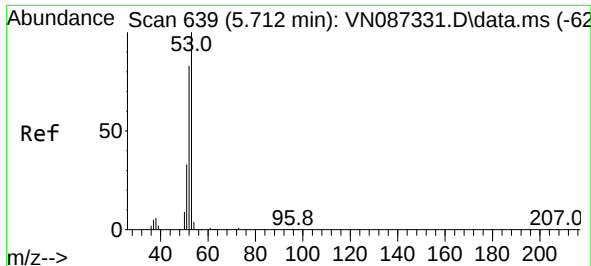
Tgt Ion: 59 Resp: 189
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#13
Acrolein
Concen: 1.355 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN087574.D
Acq: 15 Aug 2025 10:51

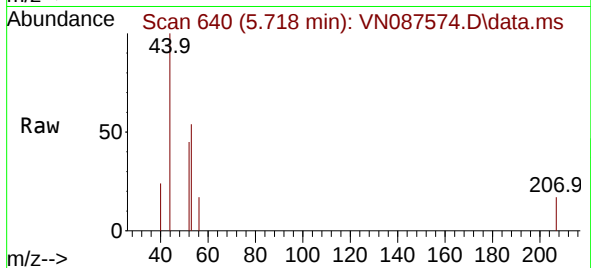
Tgt Ion: 56 Resp: 802
Ion Ratio Lower Upper
56 100
55 38.8 56.2 84.4#



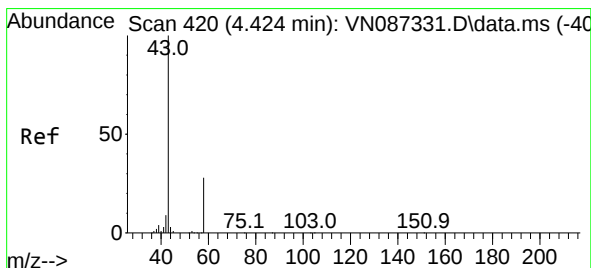
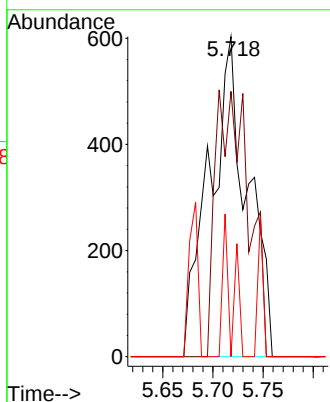
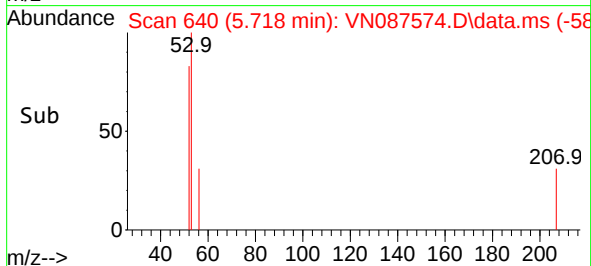


#15
Acrylonitrile
Concen: 0.795 ug/l
RT: 5.718 min Scan# 64
Delta R.T. 0.006 min
Lab File: VN087574.D
Acq: 15 Aug 2025 10:51

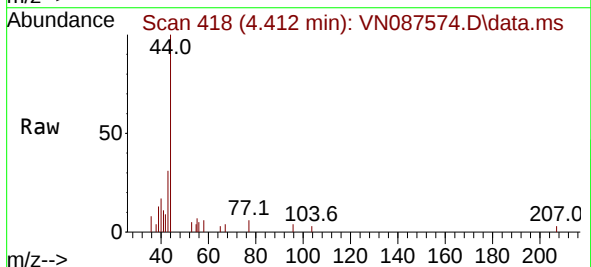
Instrument :
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ClientSampleId :



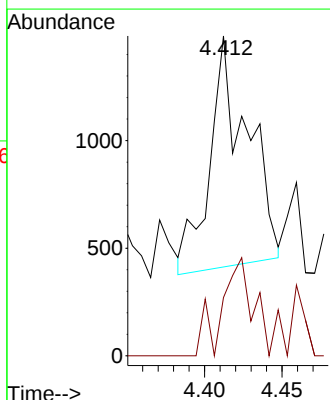
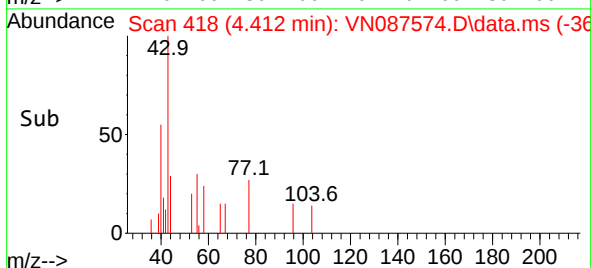
Tgt Ion: 53 Resp: 1591
Ion Ratio Lower Upper
53 100
52 72.5 65.5 98.3
51 10.7 28.7 43.1#

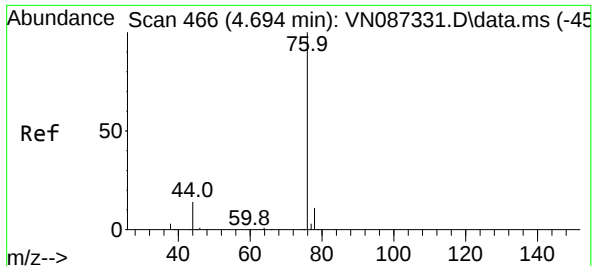


#16
Acetone
Concen: 0.997 ug/l
RT: 4.412 min Scan# 418
Delta R.T. -0.012 min
Lab File: VN087574.D
Acq: 15 Aug 2025 10:51



Tgt Ion: 43 Resp: 1817
Ion Ratio Lower Upper
43 100
58 26.3 22.3 33.5

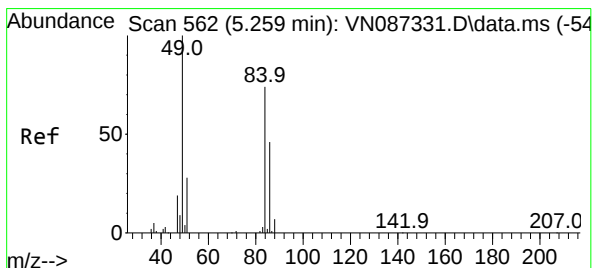
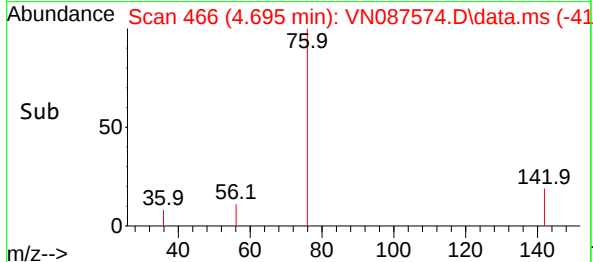
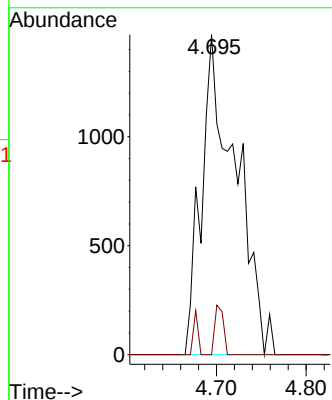
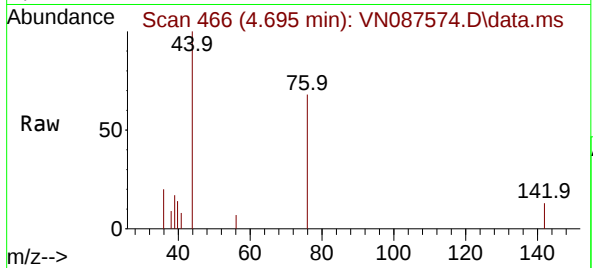




#17
Carbon Disulfide
Concen: 0.504 ug/l
RT: 4.695 min Scan# 41
Delta R.T. 0.001 min
Lab File: VN087574.D
Acq: 15 Aug 2025 10:51

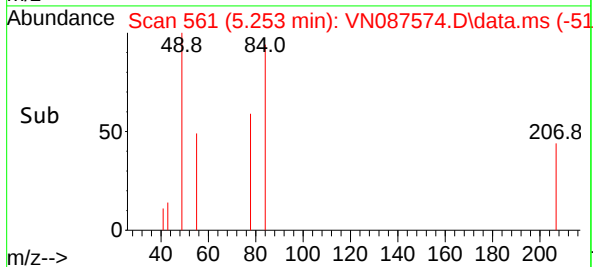
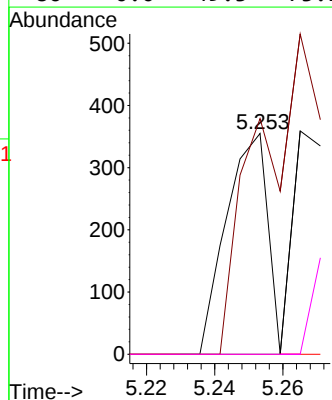
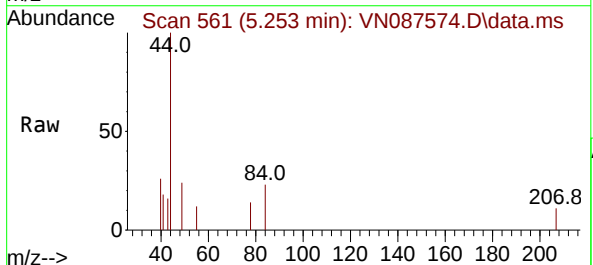
Instrument :
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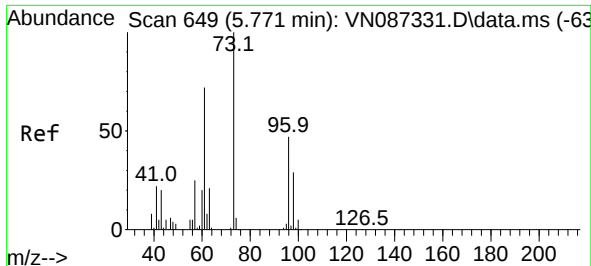
Tgt Ion: 76 Resp: 3904
Ion Ratio Lower Upper
76 100
78 0.0 8.6 13.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.253 min Scan# 561
Delta R.T. -0.006 min
Lab File: VN087574.D
Acq: 15 Aug 2025 10:51

Tgt Ion: 84 Resp: 298
Ion Ratio Lower Upper
84 100
49 106.8 107.5 161.3#
51 0.0 30.2 45.2#
86 0.0 49.3 73.9#

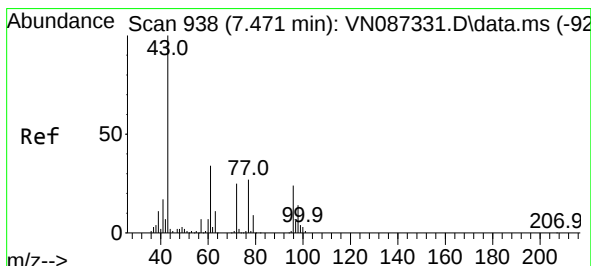
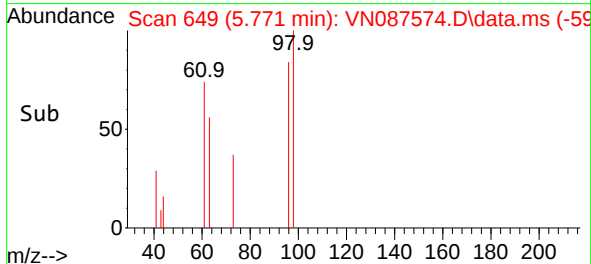
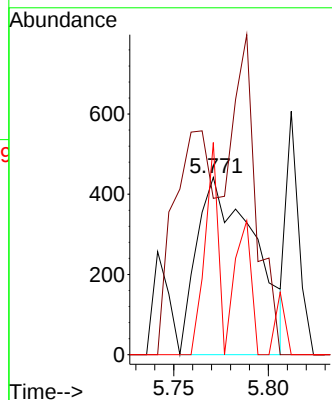
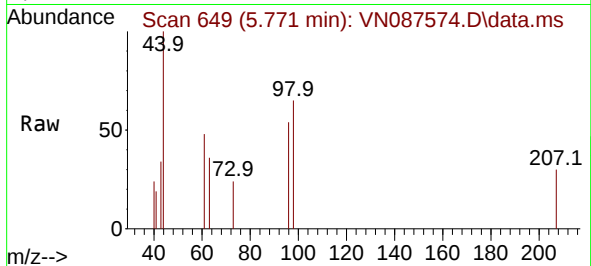




#21
trans-1,2-Dichloroethene
Concen: 0.317 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.000 min
Lab File: VN087574.D
Acq: 15 Aug 2025 10:51

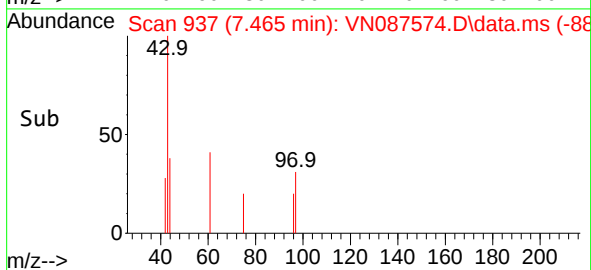
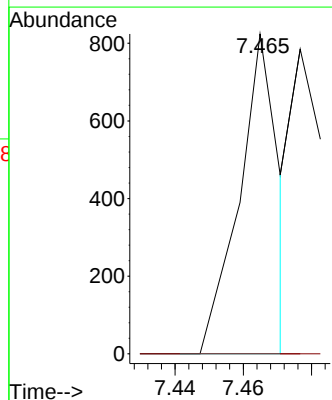
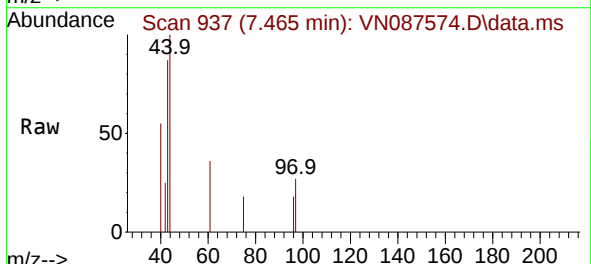
Instrument :
MSVOA_N
ClientSampleId :

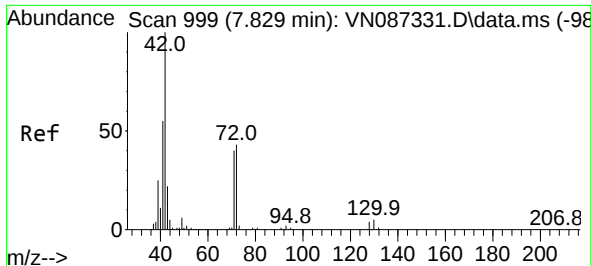
Tgt Ion: 96 Resp: 935
Ion Ratio Lower Upper
96 100
61 88.2 122.0 183.0#
98 119.7 50.0 75.0#



#25
2-Butanone
Concen: 0.234 ug/l
RT: 7.465 min Scan# 937
Delta R.T. -0.006 min
Lab File: VN087574.D
Acq: 15 Aug 2025 10:51

Tgt Ion: 43 Resp: 660
Ion Ratio Lower Upper
43 100
72 0.0 19.6 29.4#





#29

Tetrahydrofuran

Concen: 0.638 ug/l

RT: 7.841 min Scan# 1

Delta R.T. 0.012 min

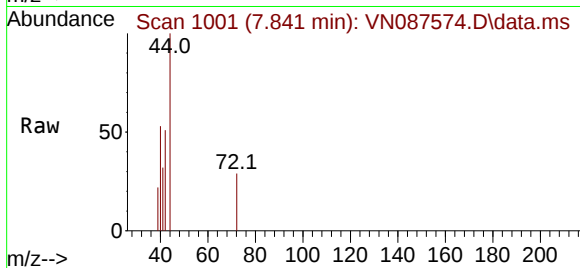
Lab File: VN087574.D

Acq: 15 Aug 2025 10:51

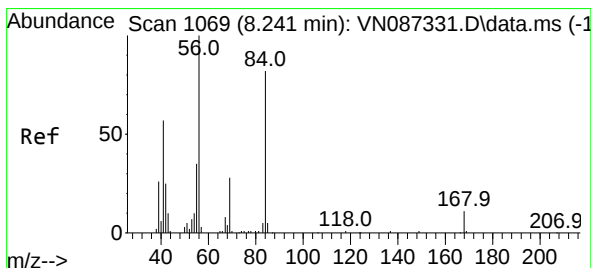
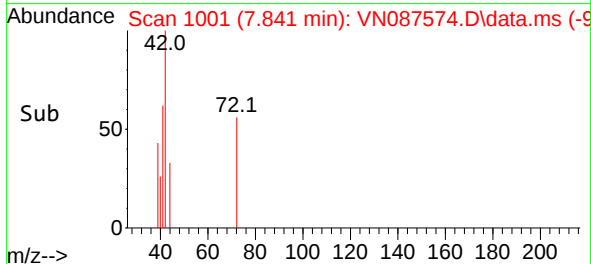
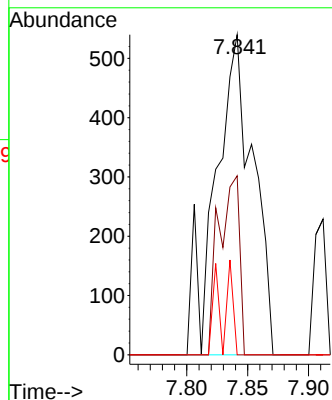
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	1167
Ion Ratio	Lower	Upper	
42	100		
72	30.7	33.4	50.0#
71	9.5	31.2	46.8#



#31

Cyclohexane

Concen: 1.716 ug/l

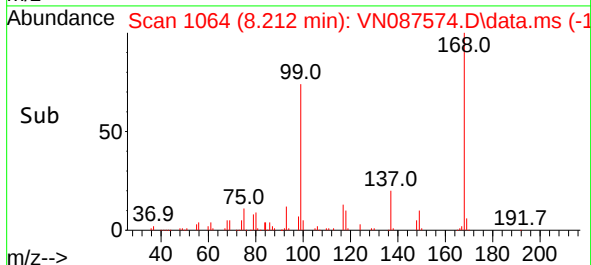
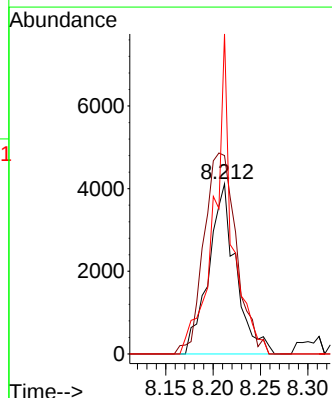
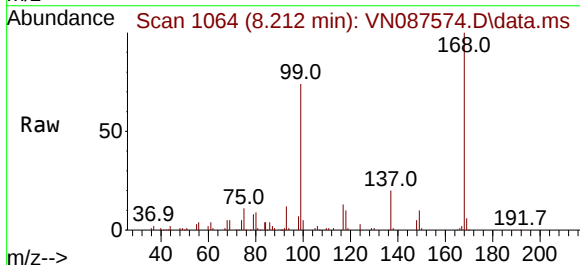
RT: 8.212 min Scan# 1064

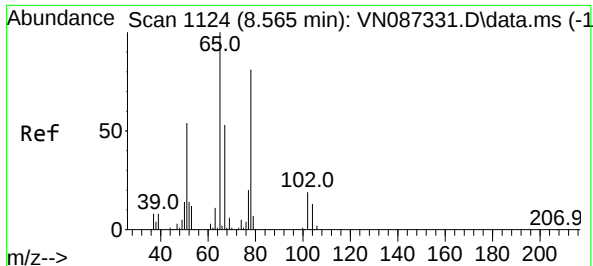
Delta R.T. -0.029 min

Lab File: VN087574.D

Acq: 15 Aug 2025 10:51

Tgt Ion:	56	Resp:	8197
Ion Ratio	Lower	Upper	
56	100		
69	116.6	22.7	34.1#
84	188.2	65.8	98.6#

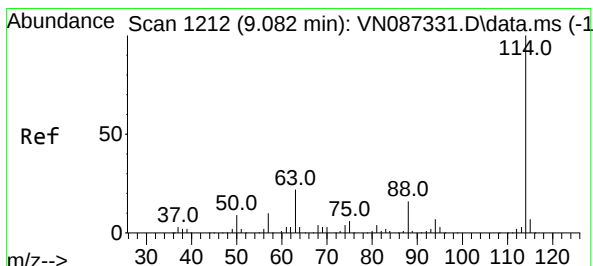
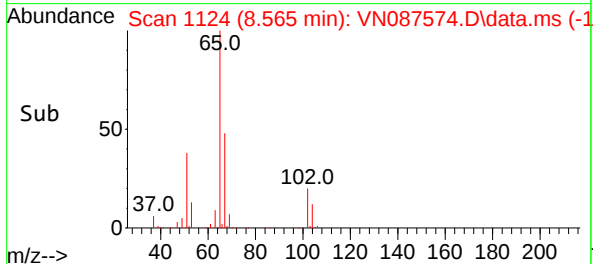
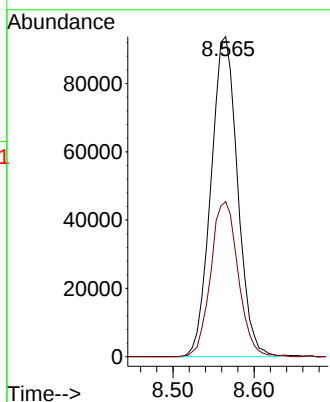
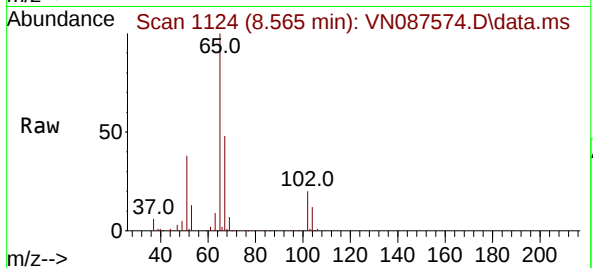




#33
 1,2-Dichloroethane-d4
 Concen: 55.049 ug/l
 RT: 8.565 min Scan# 1124
 Delta R.T. 0.000 min
 Lab File: VN087574.D
 Acq: 15 Aug 2025 10:51

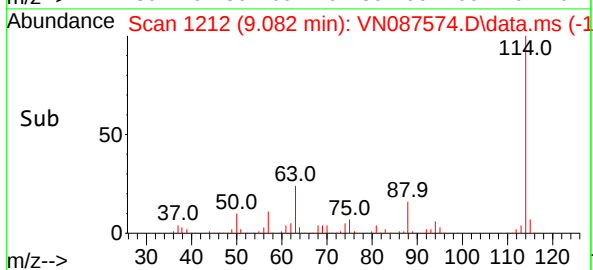
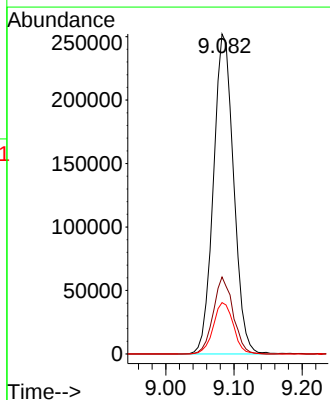
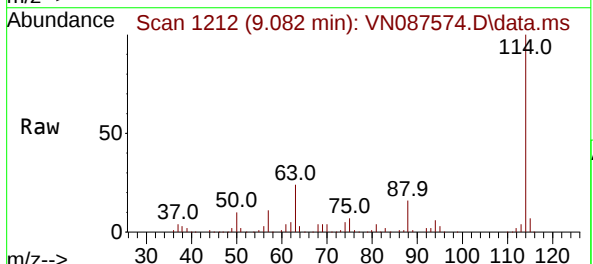
Instrument :
 MSVOA_N
 ClientSampleId :

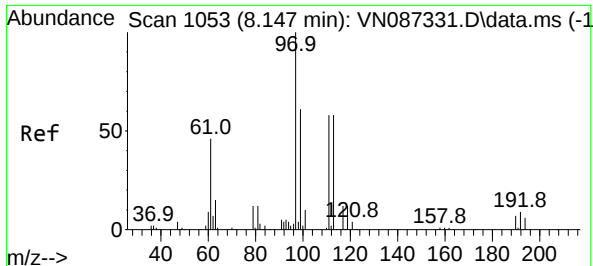
Tgt Ion: 65 Resp: 213880
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.082 min Scan# 1212
 Delta R.T. 0.000 min
 Lab File: VN087574.D
 Acq: 15 Aug 2025 10:51

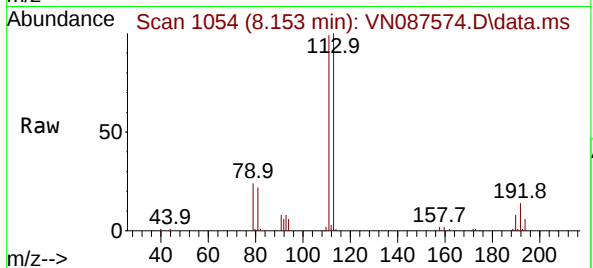
Tgt Ion: 114 Resp: 520207
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 44.6
 88 16.1 0.0 32.8



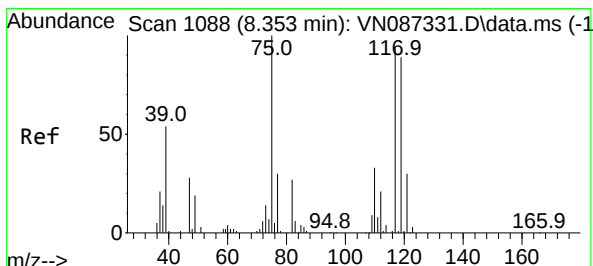
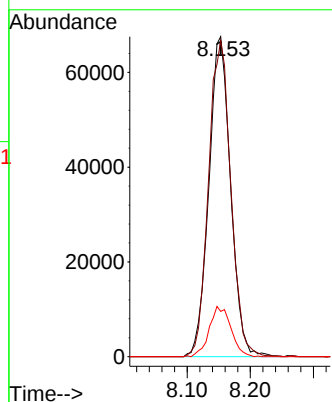
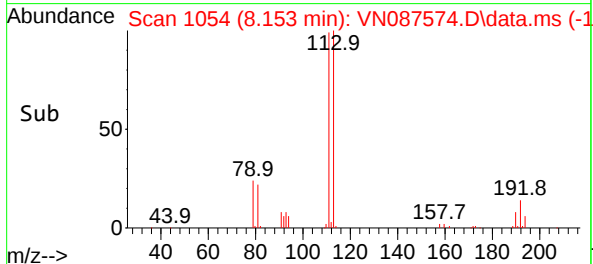


#35
Dibromofluoromethane
Concen: 45.060 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN087574.D
Acq: 15 Aug 2025 10:51

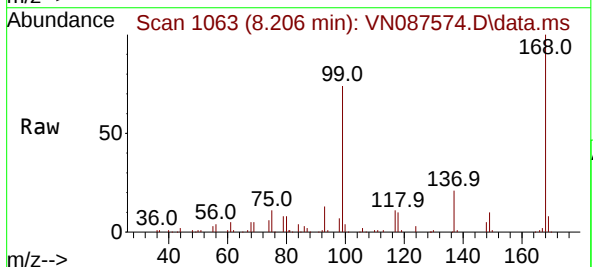
Instrument :
MSVOA_N
ClientSampleId :



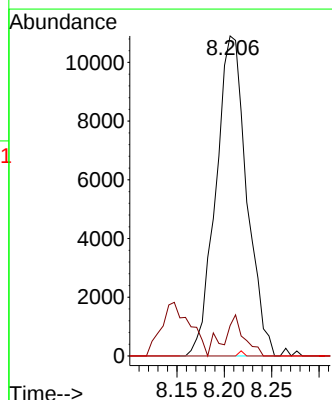
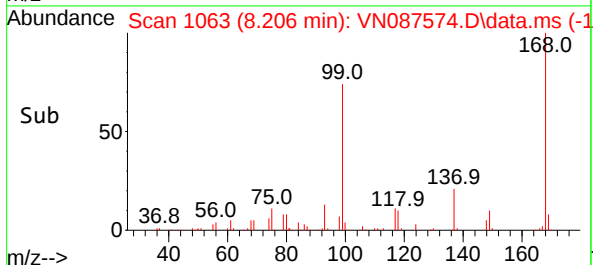
Tgt Ion:113 Resp: 161693
Ion Ratio Lower Upper
113 100
111 101.2 82.5 123.7
192 15.7 13.7 20.5

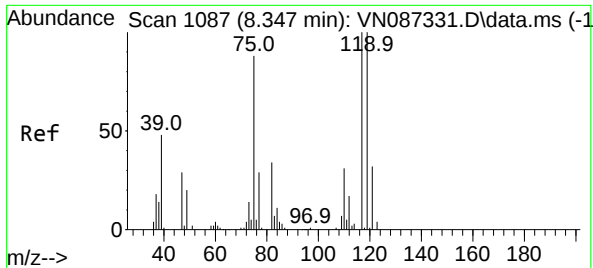


#36
1,1-Dichloropropene
Concen: 5.213 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.147 min
Lab File: VN087574.D
Acq: 15 Aug 2025 10:51



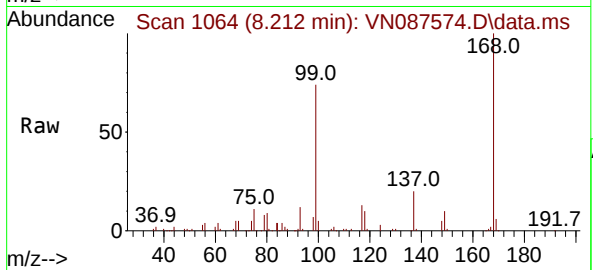
Tgt Ion: 75 Resp: 24713
Ion Ratio Lower Upper
75 100
110 8.4 16.7 50.1#
77 0.3 25.2 37.8#



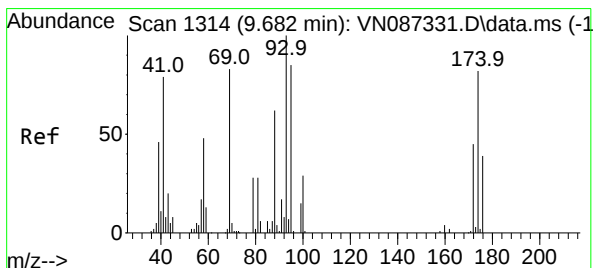
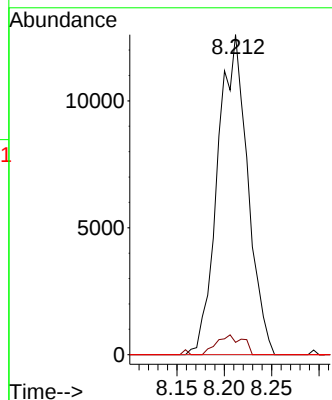
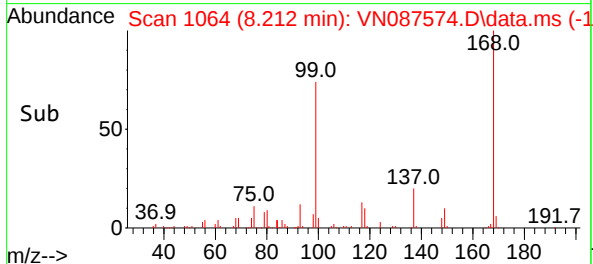


#38
Carbon Tetrachloride
Concen: 5.323 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.135 min
Lab File: VN087574.D
Acq: 15 Aug 2025 10:51

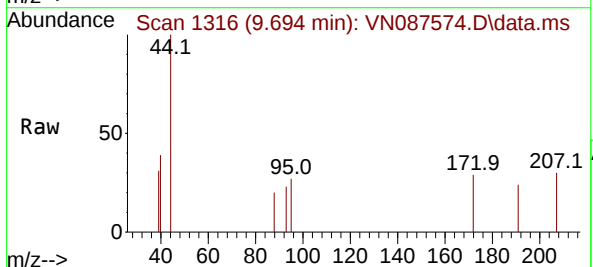
Instrument :
MSVOA_N
ClientSampleId :



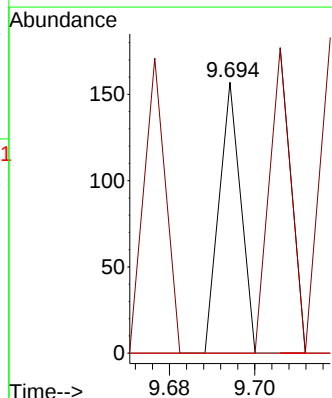
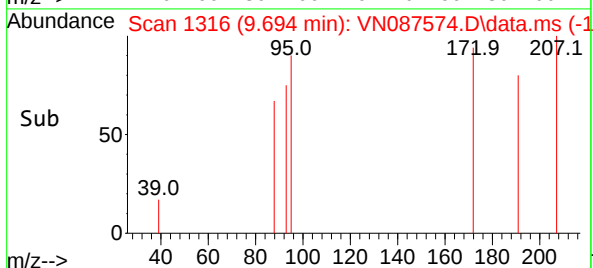
Tgt Ion:117 Resp: 27798
Ion Ratio Lower Upper
117 100
119 3.8 80.2 120.2#
121 0.0 25.4 38.2#

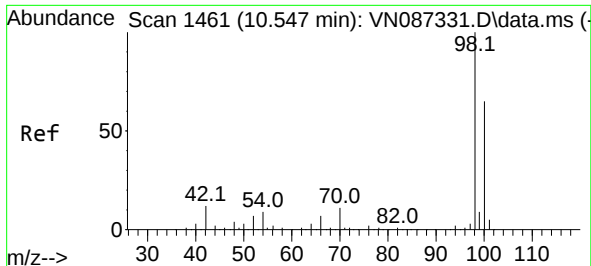


#49
1,4-Dioxane
Concen: 0.750 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.012 min
Lab File: VN087574.D
Acq: 15 Aug 2025 10:51



Tgt Ion: 88 Resp: 55
Ion Ratio Lower Upper
88 100
43 109.1 0.0 0.0#
58 0.0 61.1 91.7#

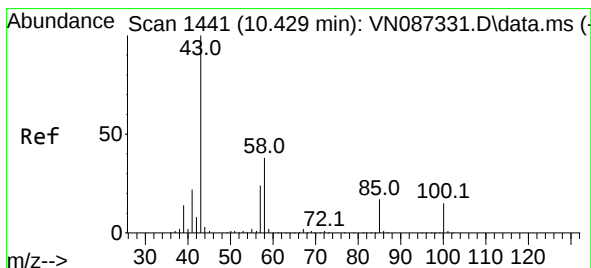
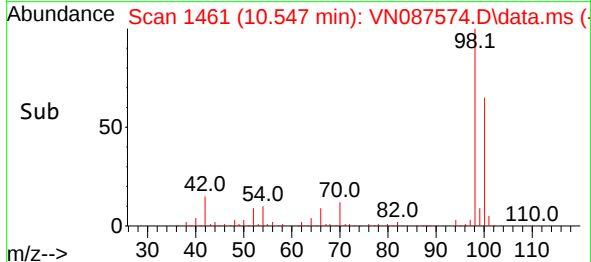
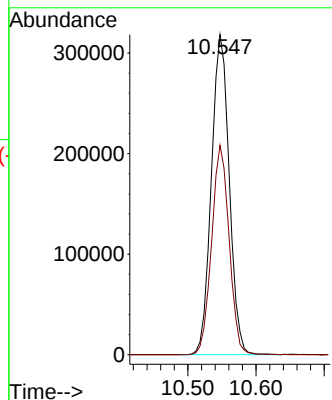
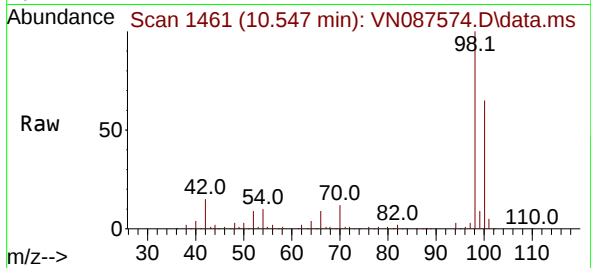




#50
Toluene-d8
Concen: 45.343 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087574.D
Acq: 15 Aug 2025 10:51

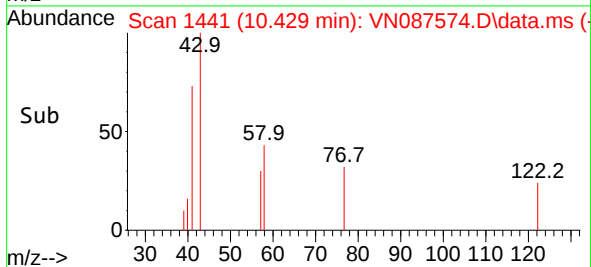
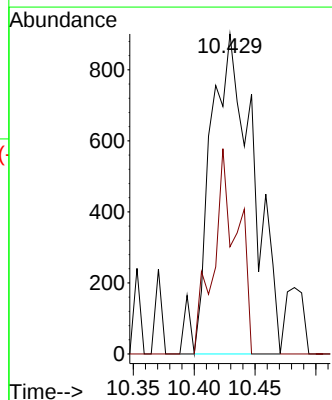
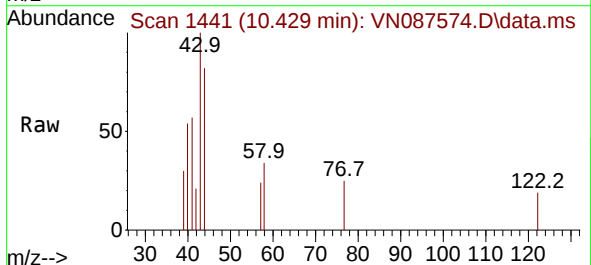
Instrument :
MSVOA_N
ClientSampleId :

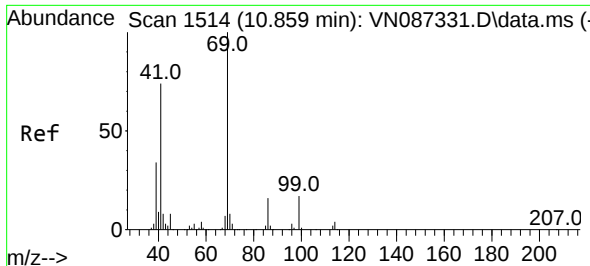
Tgt Ion: 98 Resp: 580394
Ion Ratio Lower Upper
98 100
100 64.1 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.329 ug/l
RT: 10.429 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VN087574.D
Acq: 15 Aug 2025 10:51

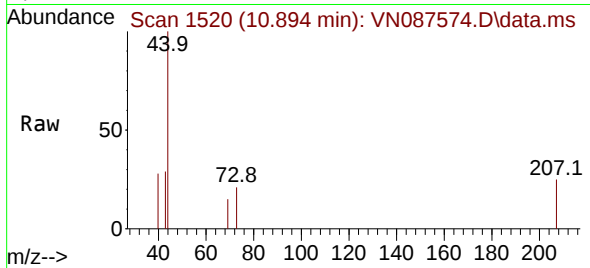
Tgt Ion: 43 Resp: 2212
Ion Ratio Lower Upper
43 100
58 36.3 30.8 46.2



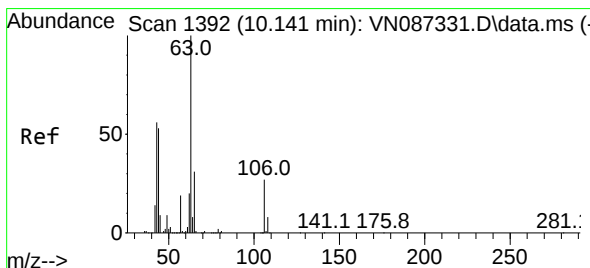
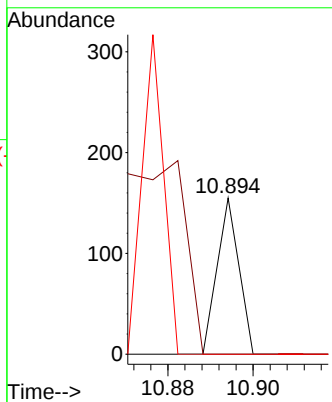
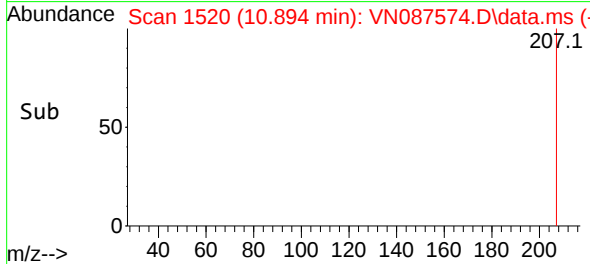


#56
Ethyl methacrylate
Concen: 0.644 ug/l
RT: 10.894 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN087574.D
Acq: 15 Aug 2025 10:51

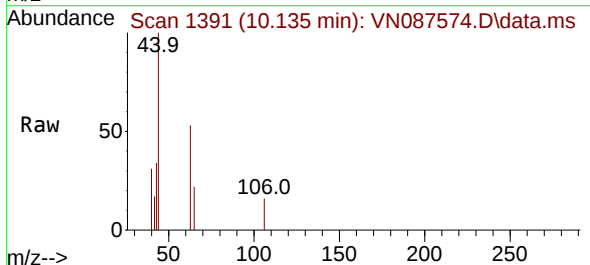
Instrument :
MSVOA_N
ClientSampleId :



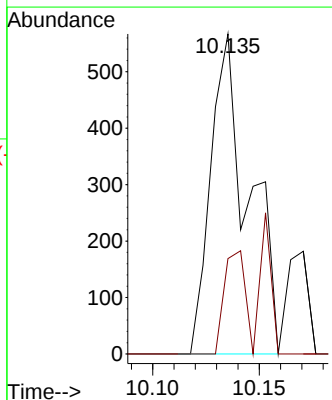
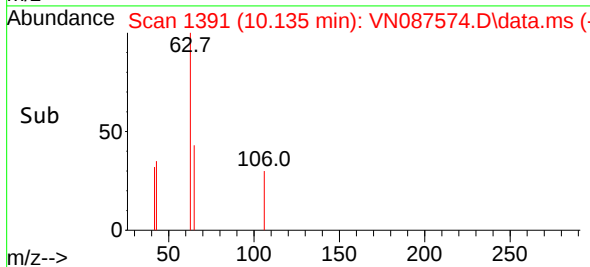
Tgt Ion: 69 Resp: 55
Ion Ratio Lower Upper
69 100
41 349.1 55.1 82.7#
39 203.6 27.9 41.9#

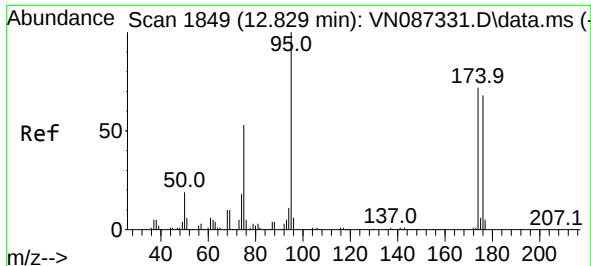


#58
2-Chloroethyl Vinyl ether
Concen: 0.226 ug/l
RT: 10.135 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VN087574.D
Acq: 15 Aug 2025 10:51



Tgt Ion: 63 Resp: 700
Ion Ratio Lower Upper
63 100
106 17.7 21.7 32.5#

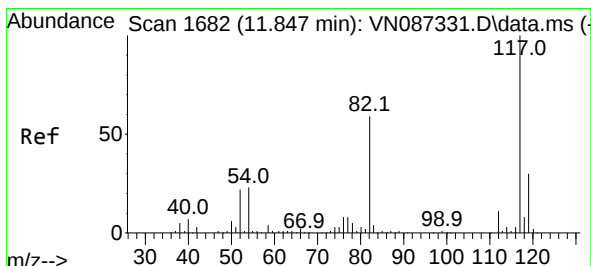
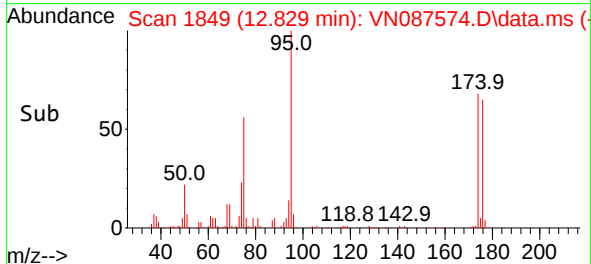
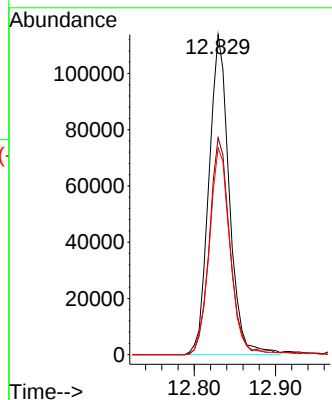
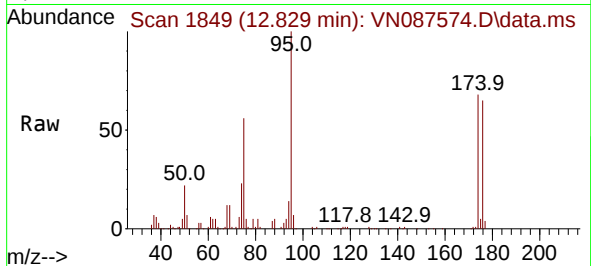




#62
4-Bromofluorobenzene
Concen: 41.767 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087574.D
Acq: 15 Aug 2025 10:51

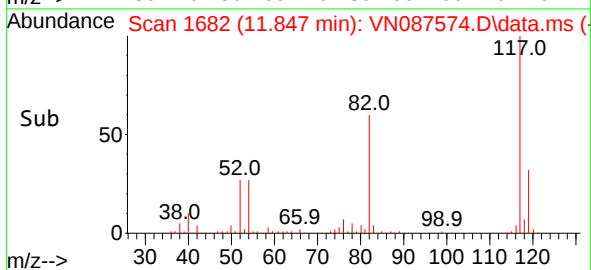
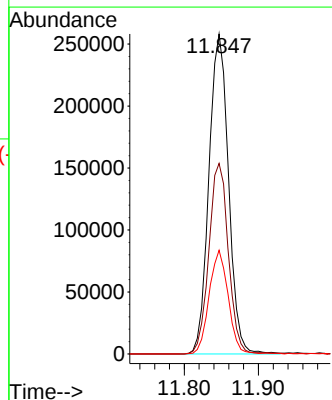
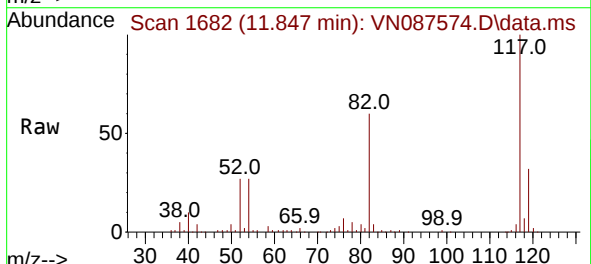
Instrument :
MSVOA_N
ClientSampleId :

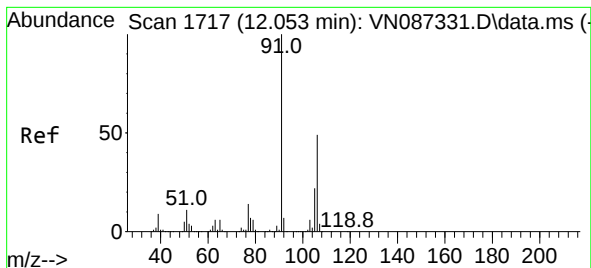
Tgt Ion: 95 Resp: 197517
Ion Ratio Lower Upper
95 100
174 68.7 0.0 149.4
176 65.8 0.0 141.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN087574.D
Acq: 15 Aug 2025 10:51

Tgt Ion: 117 Resp: 474017
Ion Ratio Lower Upper
117 100
82 59.6 47.4 71.2
119 32.4 23.8 35.8

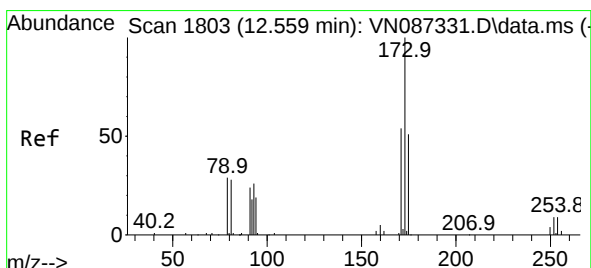
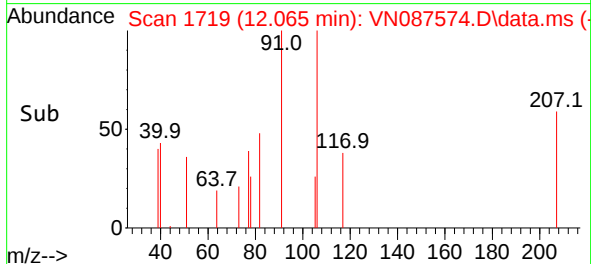
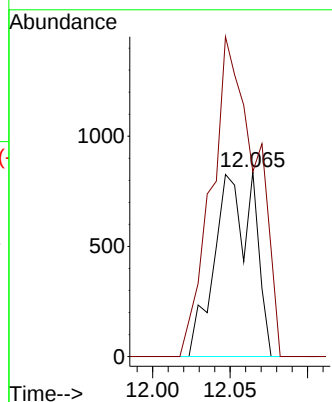
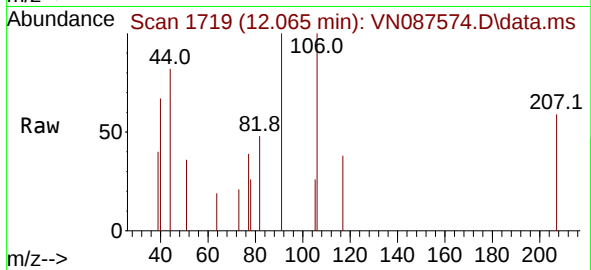




#68
m/p-Xylenes
Concen: 0.221 ug/l
RT: 12.065 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN087574.D
Acq: 15 Aug 2025 10:51

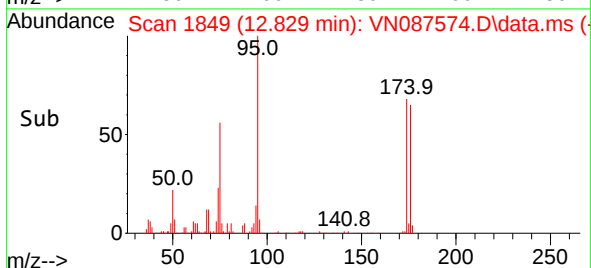
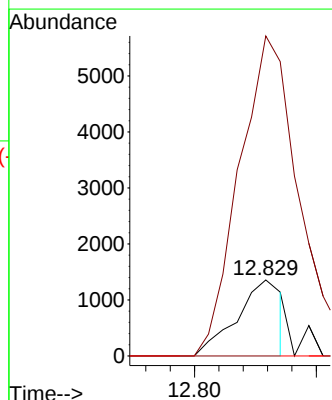
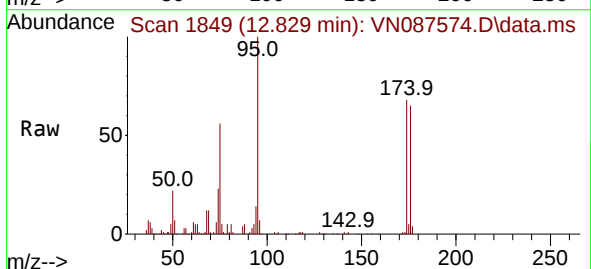
Instrument :
MSVOA_N
ClientSampleId :

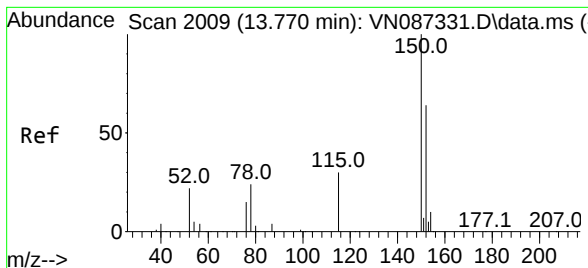
Tgt Ion:106 Resp: 1453
Ion Ratio Lower Upper
106 100
91 199.1 162.0 243.0



#71
Bromoform
Concen: 0.600 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.271 min
Lab File: VN087574.D
Acq: 15 Aug 2025 10:51

Tgt Ion:173 Resp: 1754
Ion Ratio Lower Upper
173 100
175 410.7 24.1 72.3#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.770 min Scan# 2009

Delta R.T. 0.000 min

Lab File: VN087574.D

Acq: 15 Aug 2025 10:51

Instrument :

MSVOA_N

ClientSampleId :

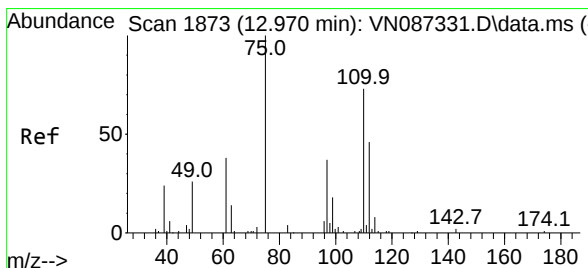
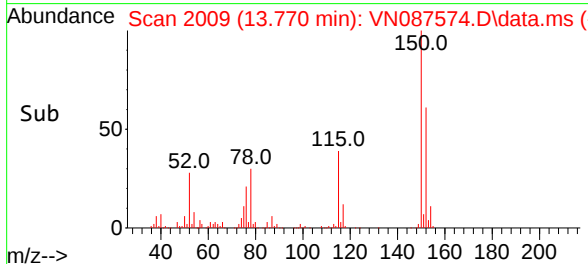
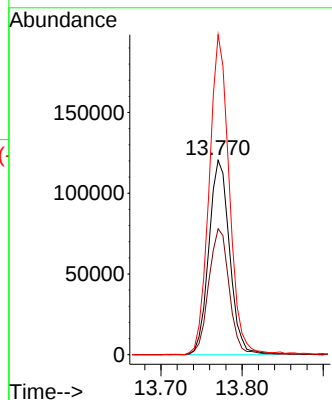
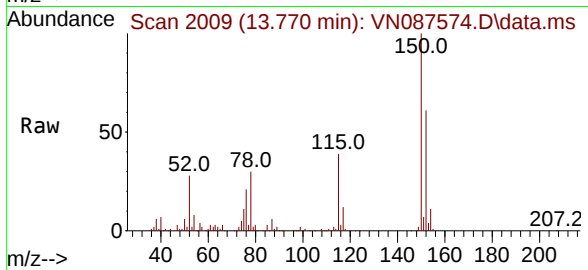
Tgt Ion:152 Resp: 214374

Ion Ratio Lower Upper

152 100

115 64.1 31.1 93.5

150 159.8 0.0 349.0



#76

1,2,3-Trichloropropane

Concen: 24.268 ug/l

RT: 12.829 min Scan# 1849

Delta R.T. -0.141 min

Lab File: VN087574.D

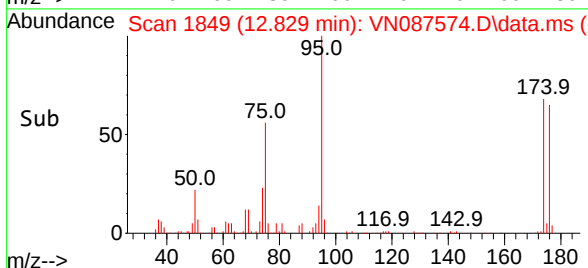
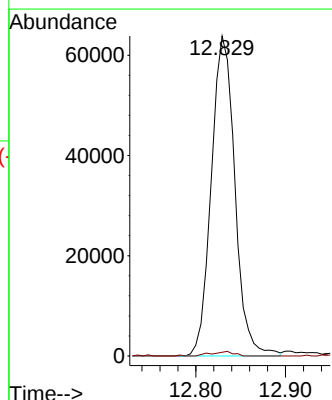
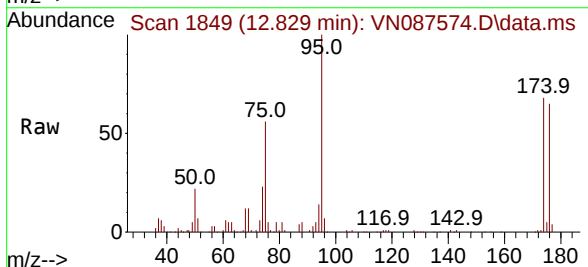
Acq: 15 Aug 2025 10:51

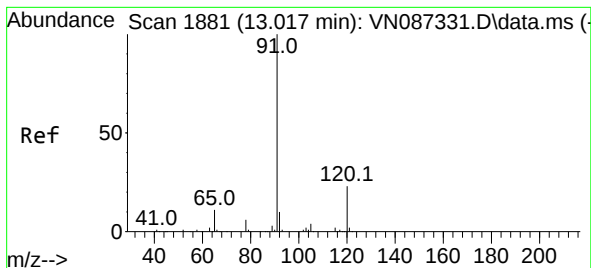
Tgt Ion: 75 Resp: 116658

Ion Ratio Lower Upper

75 100

77 1.3 94.5 283.6#





#78

n-propylbenzene

Concen: 0.225 ug/l

RT: 13.018 min Scan# 1881

Delta R.T. 0.000 min

Lab File: VN087574.D

Acq: 15 Aug 2025 10:51

Instrument :

MSVOA_N

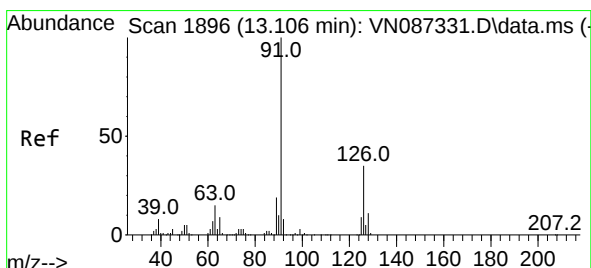
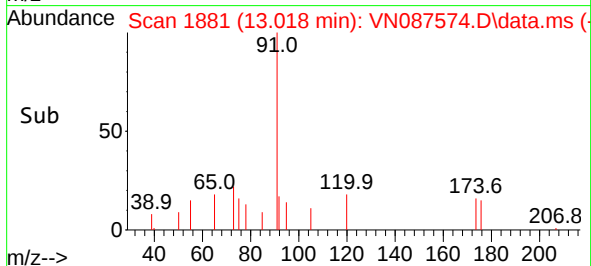
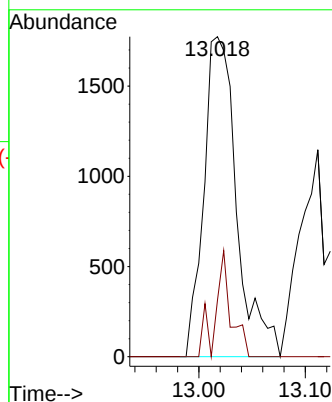
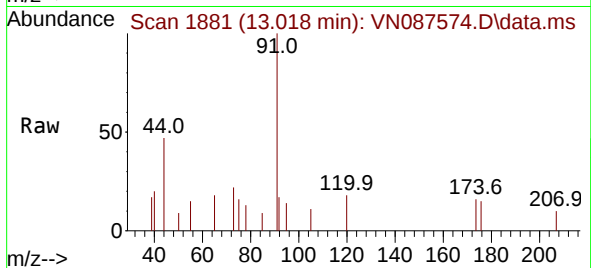
ClientSampleId :

Tgt Ion: 91 Resp: 3814

Ion Ratio Lower Upper

91 100

120 15.7 11.3 33.8



#79

2-Chlorotoluene

Concen: 0.213 ug/l

RT: 13.112 min Scan# 1897

Delta R.T. 0.006 min

Lab File: VN087574.D

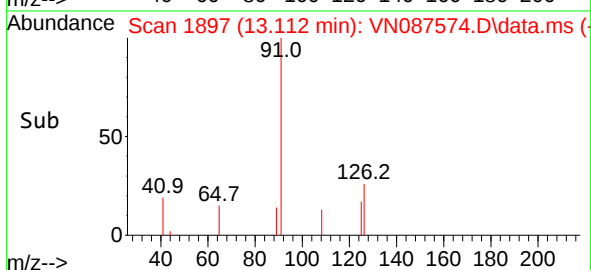
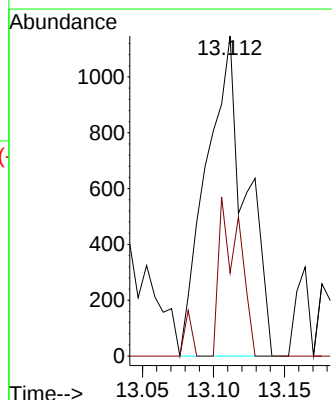
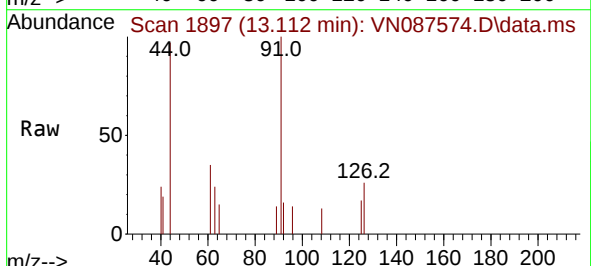
Acq: 15 Aug 2025 10:51

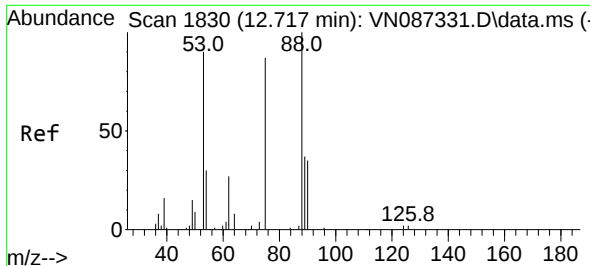
Tgt Ion: 91 Resp: 2217

Ion Ratio Lower Upper

91 100

126 25.4 16.9 50.6

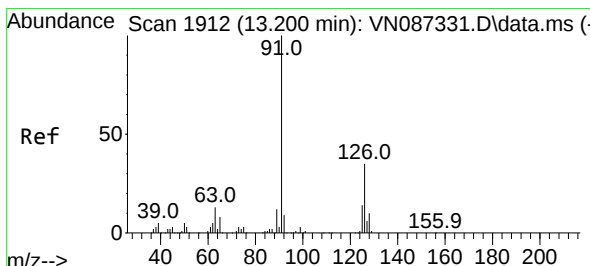
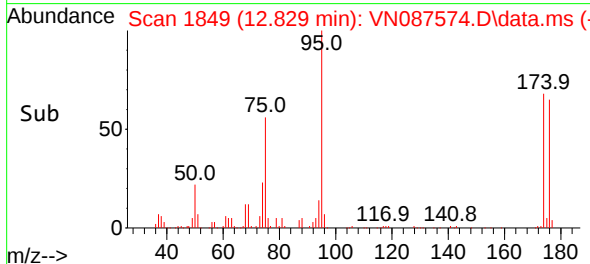
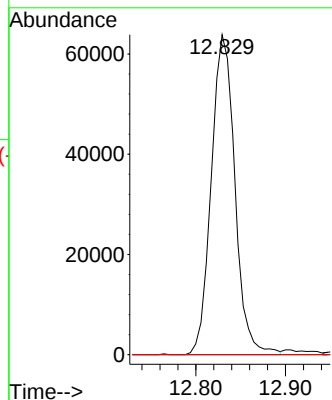
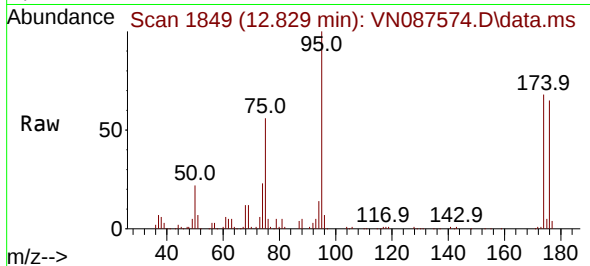




#81
trans-1,4-Dichloro-2-butene
Concen: 66.400 ug/l
RT: 12.829 min Scan# 116658
Delta R.T. 0.112 min
Lab File: VN087574.D
Acq: 15 Aug 2025 10:51

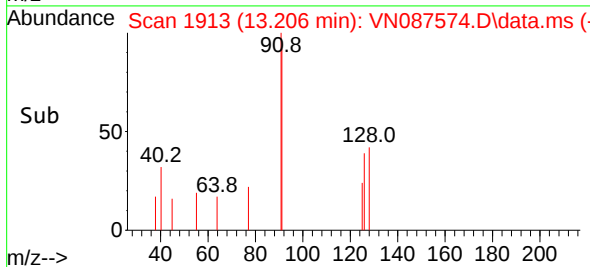
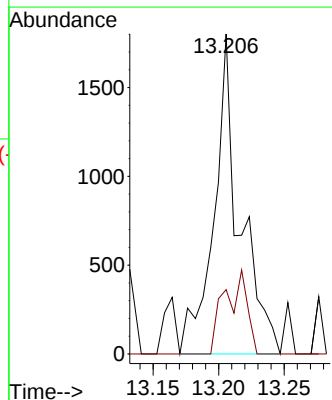
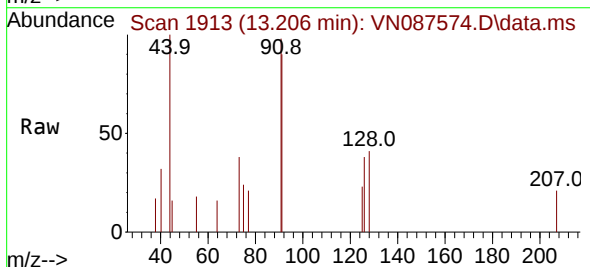
Instrument :
MSVOA_N
ClientSampleId :

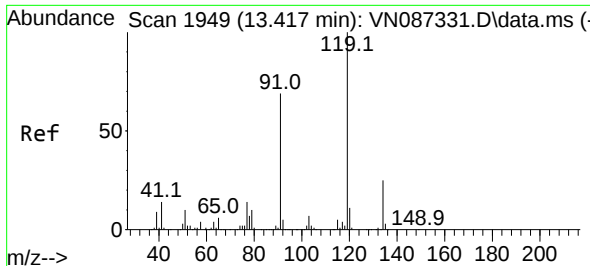
Tgt Ion: 75 Resp: 116658
Ion Ratio Lower Upper
75 100
53 0.0 83.5 125.3#
89 0.0 38.4 57.6#



#82
4-Chlorotoluene
Concen: 0.226 ug/l
RT: 13.206 min Scan# 1913
Delta R.T. 0.006 min
Lab File: VN087574.D
Acq: 15 Aug 2025 10:51

Tgt Ion: 91 Resp: 2457
Ion Ratio Lower Upper
91 100
126 22.8 16.6 49.7

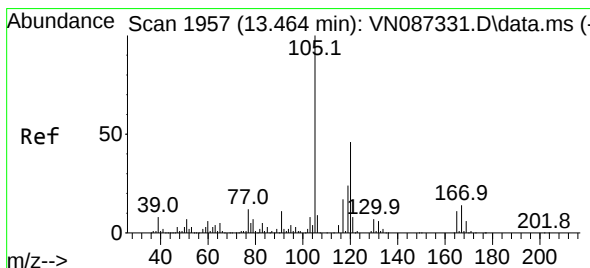
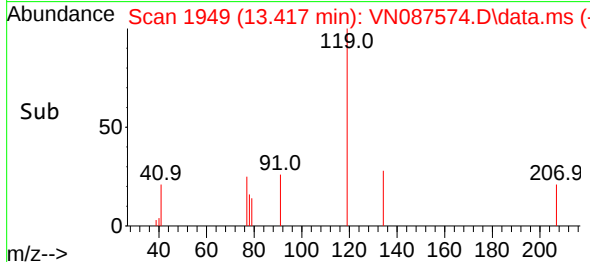
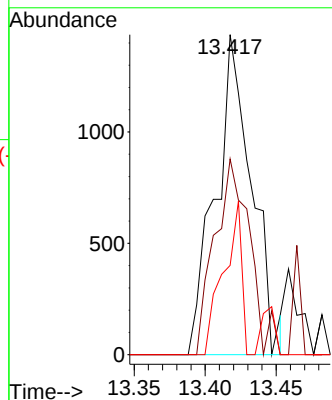
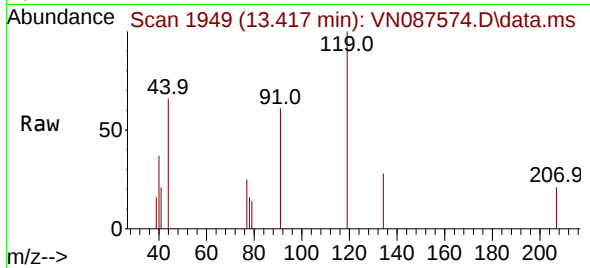




#83
tert-Butylbenzene
Concen: 0.265 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN087574.D
Acq: 15 Aug 2025 10:51

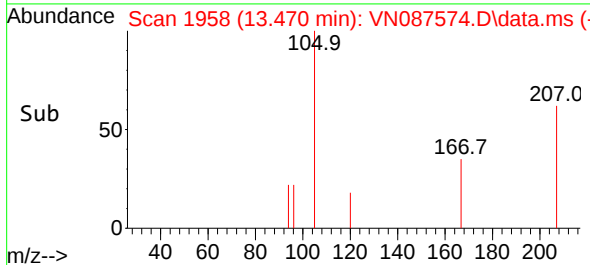
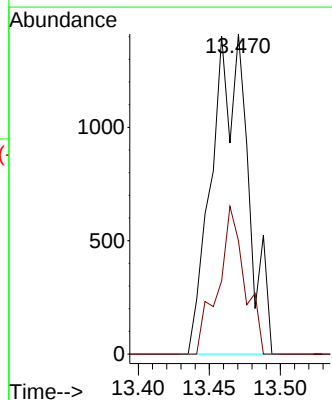
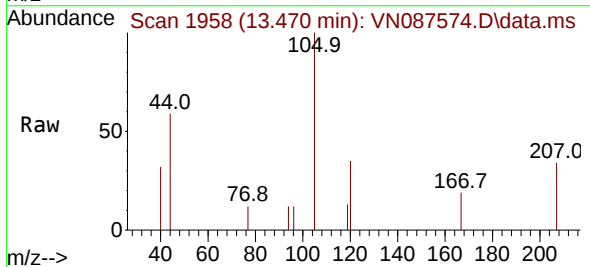
Instrument :
MSVOA_N
ClientSampleId :

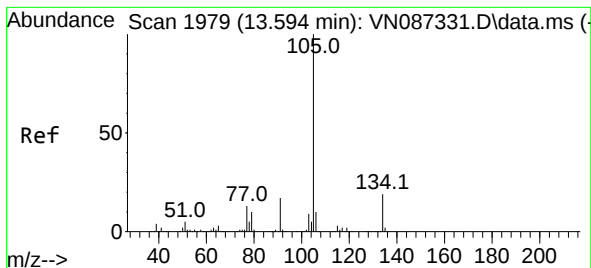
Tgt Ion:119 Resp: 2544
Ion Ratio Lower Upper
119 100
91 59.1 35.0 105.1
134 23.9 12.6 37.6



#84
1,2,4-Trimethylbenzene
Concen: 0.212 ug/l
RT: 13.470 min Scan# 1958
Delta R.T. 0.006 min
Lab File: VN087574.D
Acq: 15 Aug 2025 10:51

Tgt Ion:105 Resp: 2492
Ion Ratio Lower Upper
105 100
120 34.0 22.8 68.3





#85

sec-Butylbenzene

Concen: 0.207 ug/l

RT: 13.600 min Scan# 1980

Delta R.T. 0.006 min

Lab File: VN087574.D

Acq: 15 Aug 2025 10:51

Instrument :

MSVOA_N

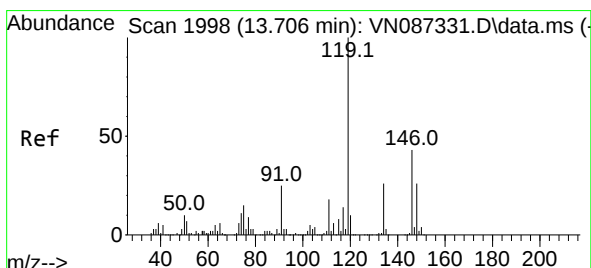
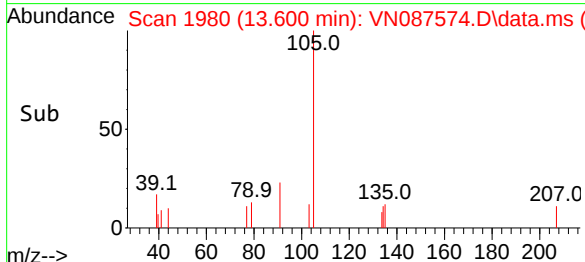
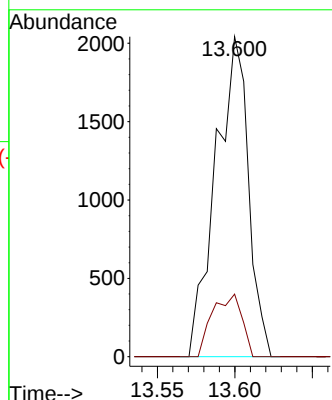
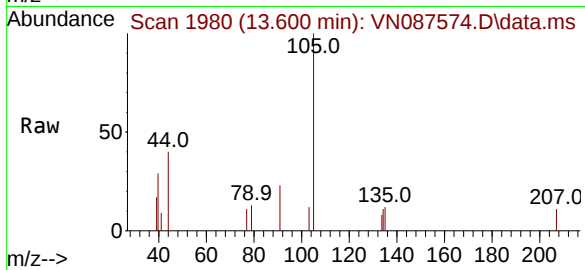
ClientSampleId :

Tgt Ion:105 Resp: 2989

Ion Ratio Lower Upper

105 100

134 17.7 9.8 29.4



#86

p-Isopropyltoluene

Concen: 0.241 ug/l

RT: 13.712 min Scan# 1999

Delta R.T. 0.006 min

Lab File: VN087574.D

Acq: 15 Aug 2025 10:51

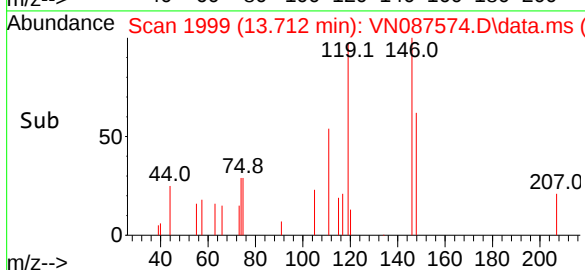
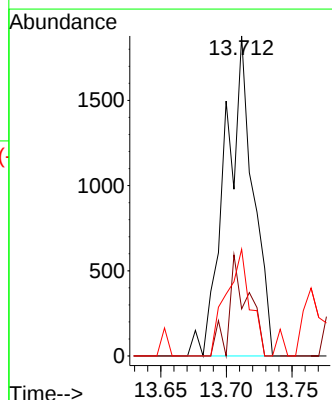
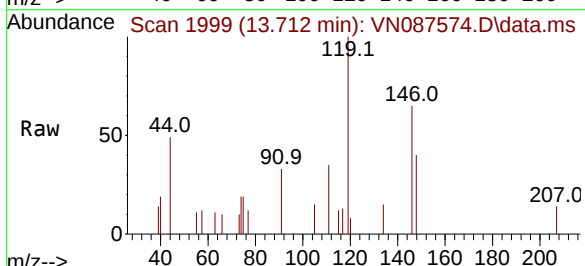
Tgt Ion:119 Resp: 2797

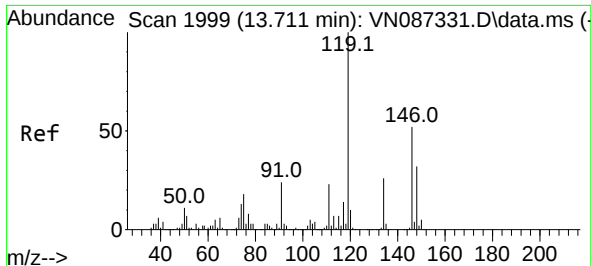
Ion Ratio Lower Upper

119 100

134 21.9 13.5 40.5

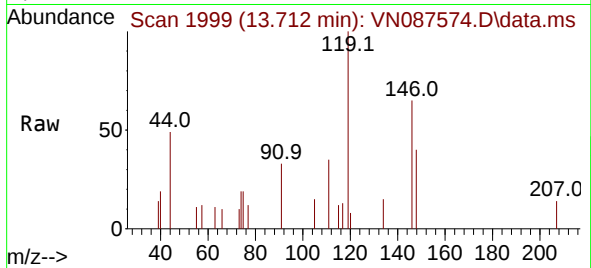
91 28.4 12.2 36.6



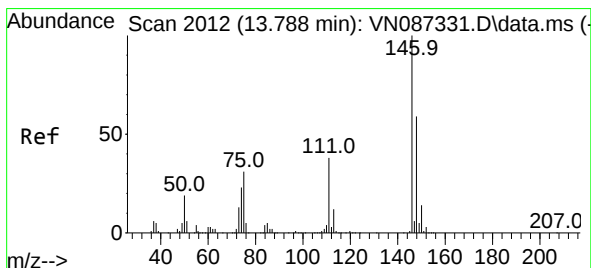
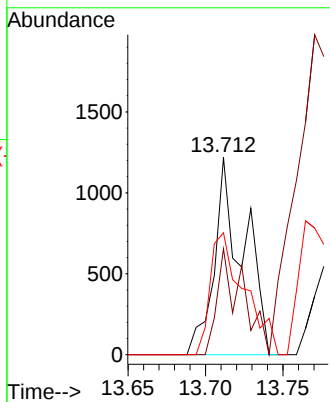
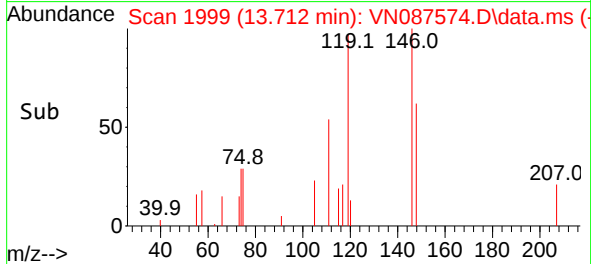


#87
 1,3-Dichlorobenzene
 Concen: 0.233 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN087574.D
 Acq: 15 Aug 2025 10:51

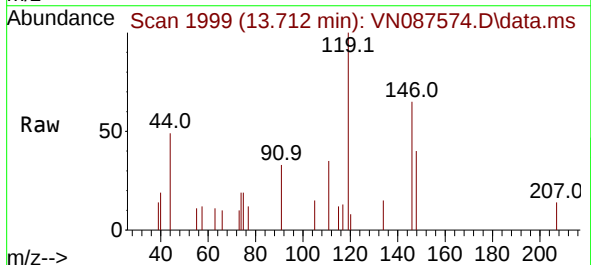
Instrument :
 MSVOA_N
 ClientSampleId :



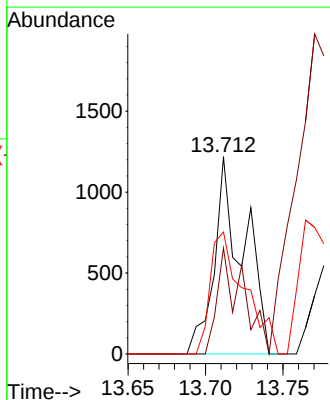
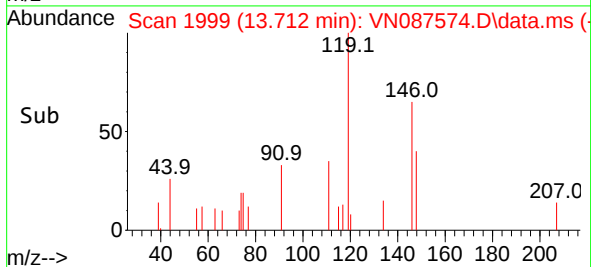
Tgt Ion:146 Resp: 1599
 Ion Ratio Lower Upper
 146 100
 111 46.6 21.4 64.3
 148 72.1 31.6 95.0

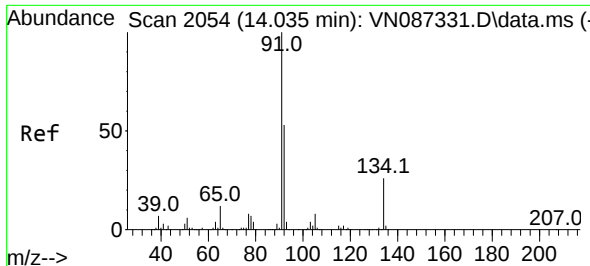


#88
 1,4-Dichlorobenzene
 Concen: 0.218 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. -0.076 min
 Lab File: VN087574.D
 Acq: 15 Aug 2025 10:51



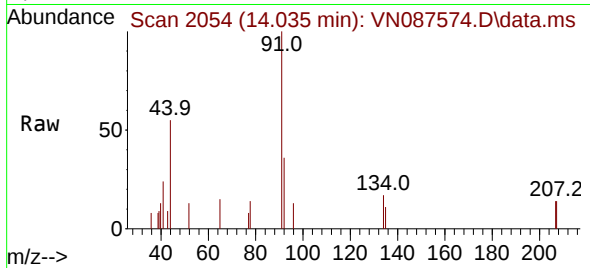
Tgt Ion:146 Resp: 1599
 Ion Ratio Lower Upper
 146 100
 111 46.6 19.6 58.7
 148 72.1 31.4 94.0



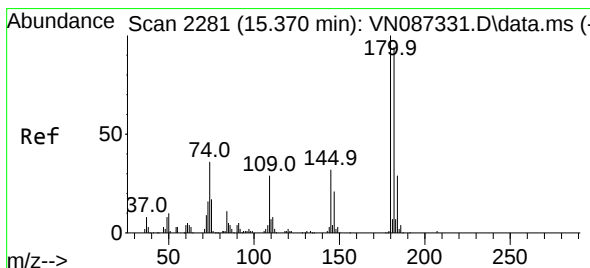
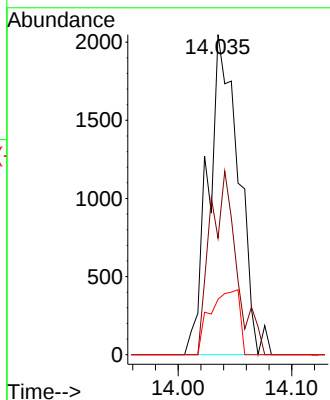
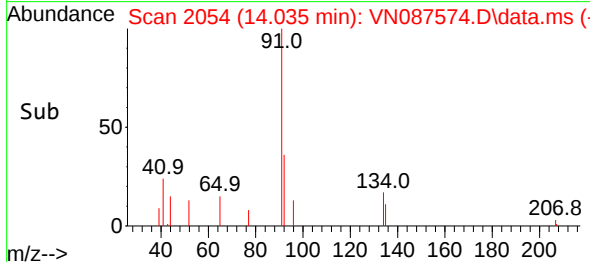


#89
n-Butylbenzene
Concen: 0.343 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN087574.D
Acq: 15 Aug 2025 10:51

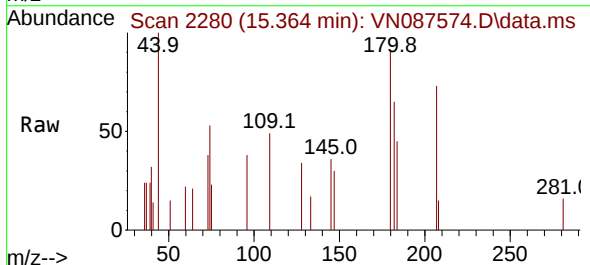
Instrument :
MSVOA_N
ClientSampleId :



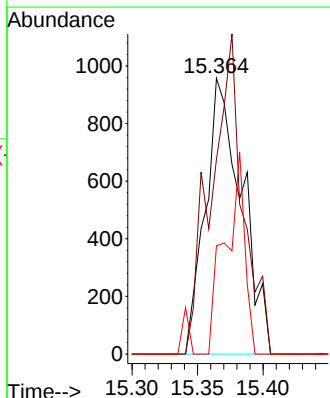
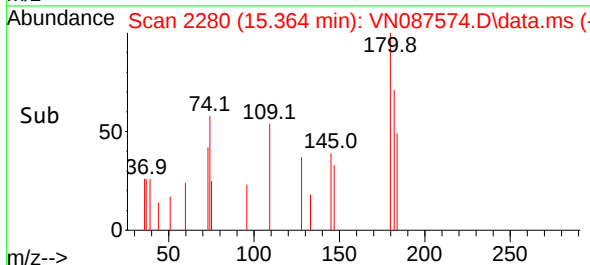
Tgt Ion: 91 Resp: 3799
Ion Ratio Lower Upper
91 100
92 50.2 26.2 78.6
134 19.5 12.4 37.2

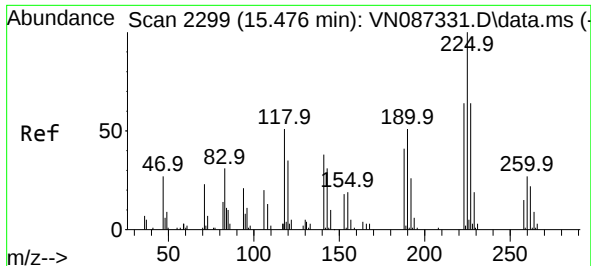


#93
1,2,4-Trichlorobenzene
Concen: 0.485 ug/l
RT: 15.364 min Scan# 2280
Delta R.T. -0.006 min
Lab File: VN087574.D
Acq: 15 Aug 2025 10:51



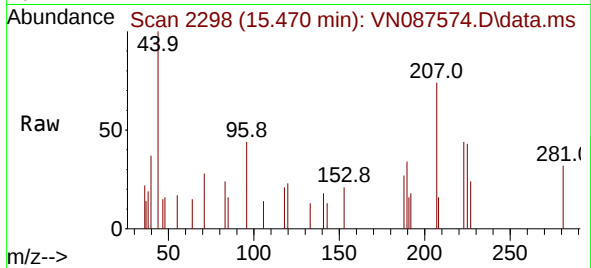
Tgt Ion: 180 Resp: 1854
Ion Ratio Lower Upper
180 100
182 101.1 47.3 141.8
145 39.2 15.4 46.4



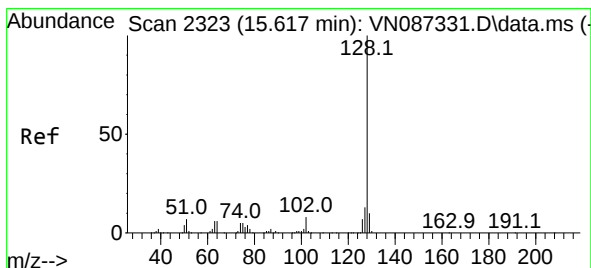
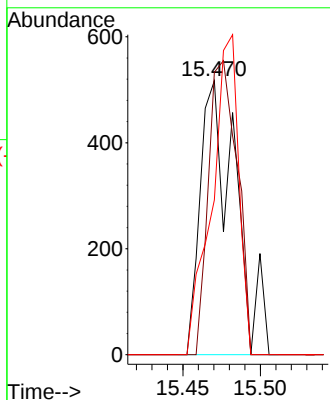
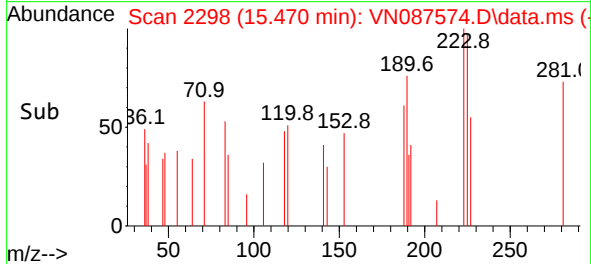


#94
Hexachlorobutadiene
Concen: 0.568 ug/l
RT: 15.470 min Scan# 2299
Delta R.T. -0.006 min
Lab File: VN087574.D
Acq: 15 Aug 2025 10:51

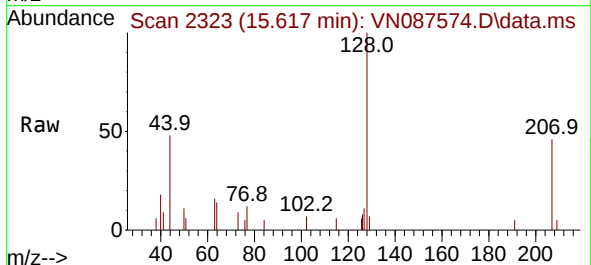
Instrument :
MSVOA_N
ClientSampleId :



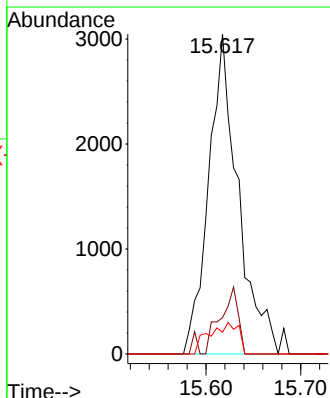
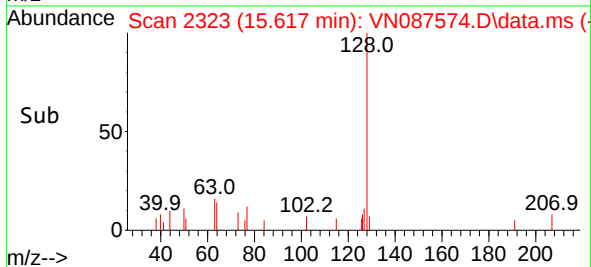
Tgt Ion:	225	Resp:	807
Ion	Ratio	Lower	Upper
225	100		
223	88.6	32.1	96.3
227	90.2	31.3	93.9

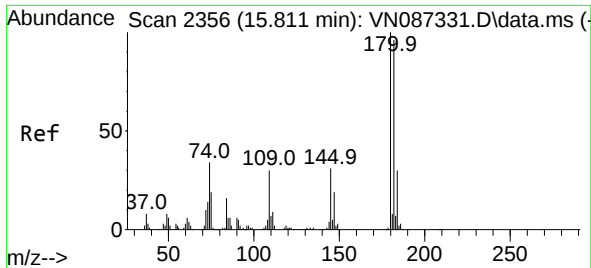


#95
Naphthalene
Concen: 0.487 ug/l
RT: 15.617 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VN087574.D
Acq: 15 Aug 2025 10:51



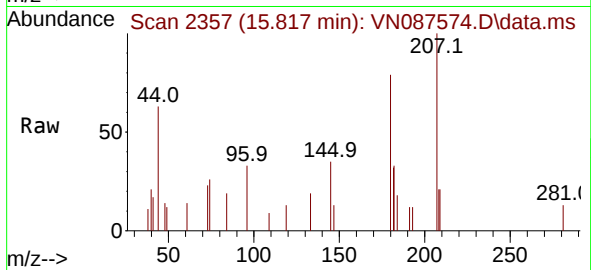
Tgt Ion:	128	Resp:	6597
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.5	15.7
129	9.7	8.4	12.6





#96
 1,2,3-Trichlorobenzene
 Concen: 0.502 ug/l
 RT: 15.817 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN087574.D
 Acq: 15 Aug 2025 10:51

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	1926
Ion	Ratio	Lower	Upper
180	100		
182	82.9	47.1	141.4
145	34.0	16.9	50.6

