

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091725\
 Data File : VN087873.D
 Acq On : 17 Sep 2025 12:38
 Operator : JC\MD
 Sample : Q3015-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 18 03:09:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 05 03:29:53 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.800	128	56339	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.083	114	293605	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	277718	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	136600	28.384	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	94.600%
60) 4-Bromofluorobenzene	12.829	95	125042	28.002	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	93.333%
63) Toluene-d8	10.547	98	368817	28.556	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	95.200%
Target Compounds						
					Qvalue	
3) Chloromethane	2.389	50	2591	0.705	ug/l	91
4) Vinyl Chloride	2.536	62	204214	49.148	ug/l	94
5) Bromomethane	2.989	94	79770	32.725	ug/l	93
10) 1,1-Dichloroethene	4.336	96	233860	68.759	ug/l	92
11) Methyl Iodide	4.577	142	10703	4.446	ug/l	92
13) Acrolein	4.177	56	189	0.202	ug/l #	1
14) Acrylonitrile	5.777	53	4006	1.775	ug/l #	1
15) Acetone	4.424	58	90366	128.362	ug/l	96
18) Methylene Chloride	5.259	84	263442	68.379	ug/l	93
19) trans-1,2-Dichloroethene	5.771	96	273470	78.838	ug/l	97
22) cis-1,2-Dichloroethene	7.471	96	465431	110.544	ug/l	89
23) tert-Butyl Alcohol	5.777	59	17016	21.330	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	1064902	87.701	ug/l	98
25) Chloroform	7.953	83	632447	86.368	ug/l	92
29) 1,1-Dichloropropene	8.583	75	30035	6.294	ug/l #	1
30) 2-Butanone	7.471	43	444515	135.233	ug/l	100
33) Carbon Tetrachloride	7.953	117	4672	0.926	ug/l	91
34) Benzene	8.588	78	1568048	101.679	ug/l #	93
36) 1,2-Dichloroethane	8.653	62	170670	29.299	ug/l	100
37) Trichloroethene	9.335	130	302114	87.638	ug/l	96
40) Dibromomethane	9.688	93	336001	114.310	ug/l	97
41) Bromodichloromethane	9.865	83	91988	15.311	ug/l	93
43) Ethyl Acetate	7.577	43	1503	0.224	ug/l #	84
45) 1,4-Dioxane	9.682	88	1239	18.661	ug/l #	29
48) t-1,3-Dichloropropene	10.818	75	347914	55.757	ug/l	99
49) cis-1,3-Dichloropropene	10.294	75	575902	90.110	ug/l	93
50) 1,1,2-Trichloroethane	10.994	97	369634	97.362	ug/l	96
53) Dibromochloromethane	11.335	129	279580	65.679	ug/l	89
54) 1,2-Dibromoethane	11.447	107	122131	30.916	ug/l	98
56) Bromoform	12.559	173	47416	17.057	ug/l	99
59) 2-Hexanone	11.177	43	371792	86.647	ug/l	99
61) Tetrachloroethene	11.082	164	201804	72.984	ug/l	94
62) Toluene	10.612	91	541334	32.225	ug/l	99
64) Chlorobenzene	11.871	112	225101	21.833	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.941	131	185864	51.203	ug/l	96
66) Ethyl Benzene	11.941	91	827192	45.643	ug/l	95
67) m/p-Xylenes	12.053	106	720077	107.037	ug/l	95
68) o-Xylene	12.376	106	937122	143.670	ug/l	97
69) Styrene	12.376	104	50159	4.424	ug/l #	1

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 05 03:29:53 2025
Response via : Initial Calibration

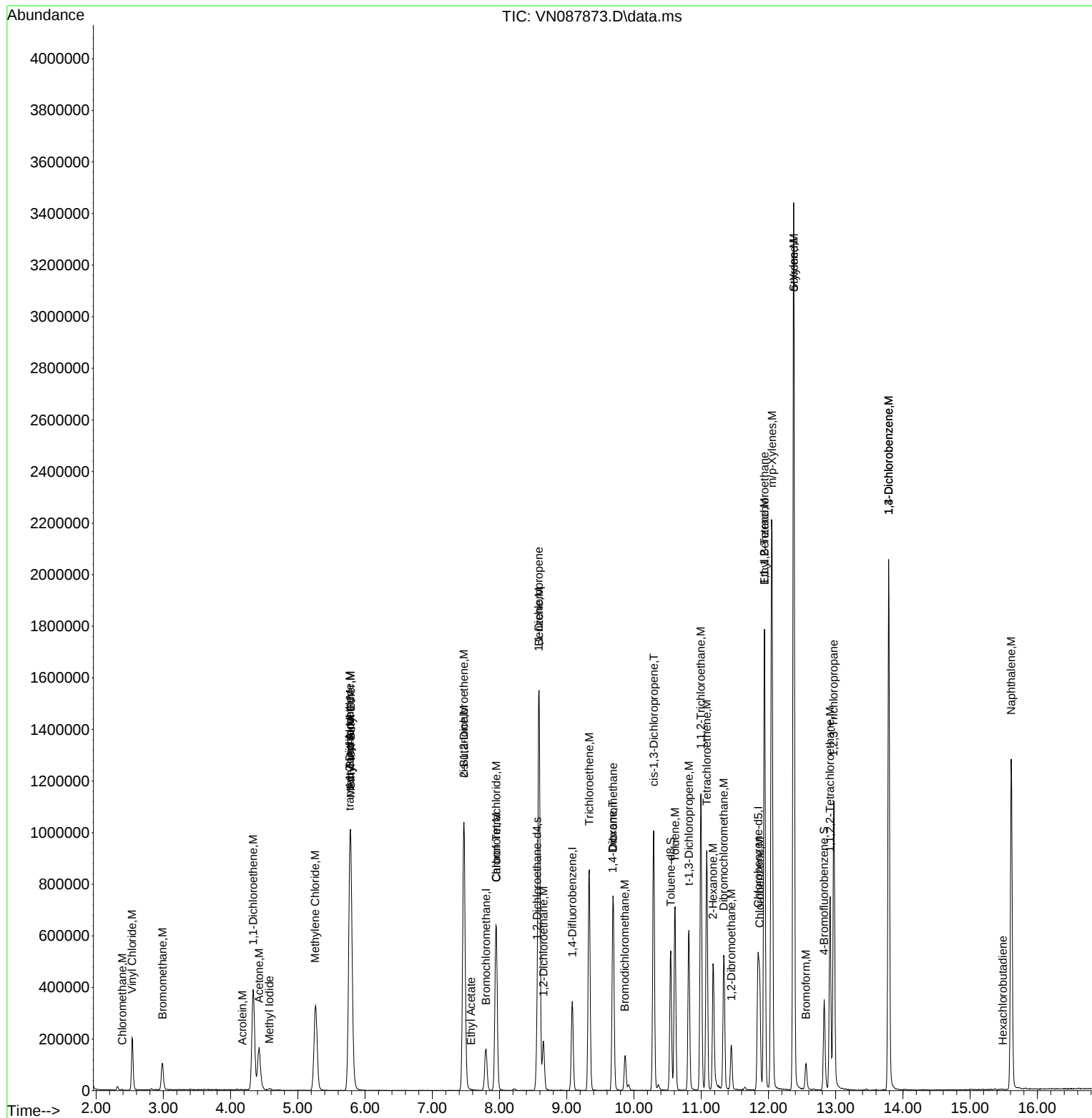
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) 1,1,2,2-Tetrachloroethane	12.918	83	395797	66.568	ug/l	100
72) 1,2,3-Trichloropropane	12.970	75	487981	83.587	ug/l	1
83) 1,3-Dichlorobenzene	13.788	146	845011	108.319	ug/l	98
84) 1,4-Dichlorobenzene	13.788	146	845011	108.066	ug/l	98
90) Hexachlorobutadiene	15.488	225	322	0.230	ug/l #	52
91) Naphthalene	15.611	128	1171082	76.014	ug/l	99

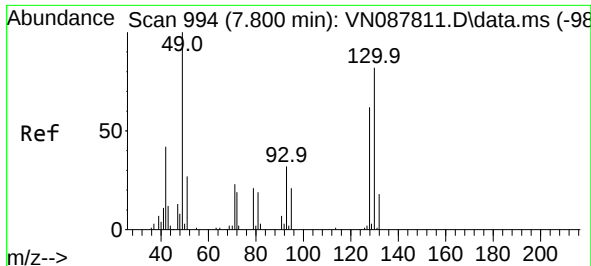
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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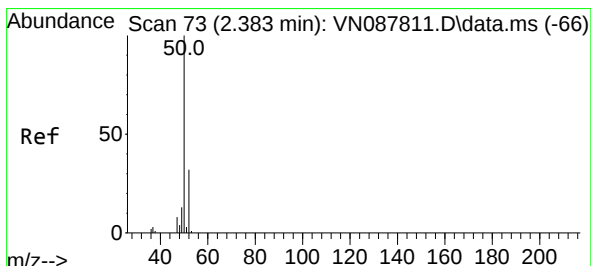
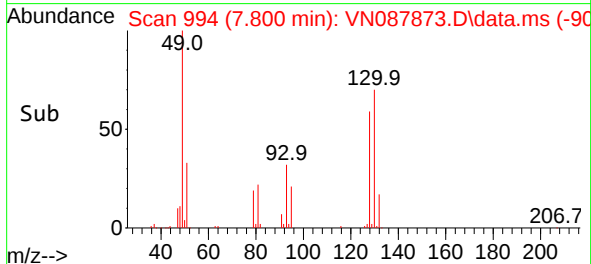
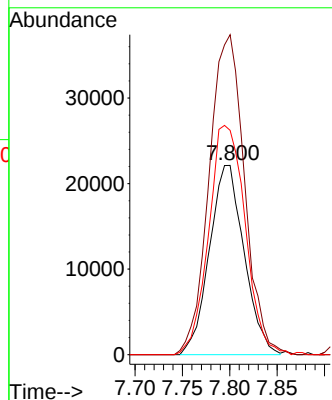
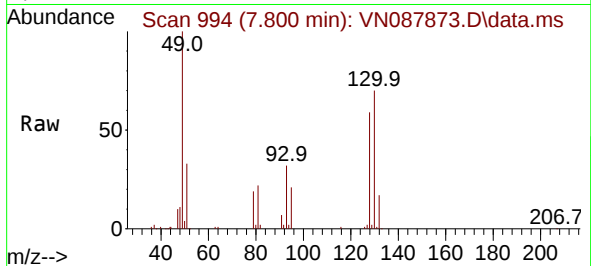




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 994
Delta R.T. 0.006 min
Lab File: VN087873.D
Acq: 17 Sep 2025 12:38

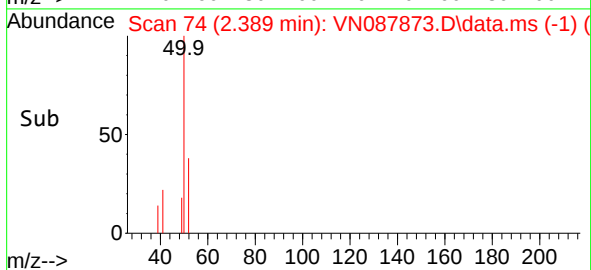
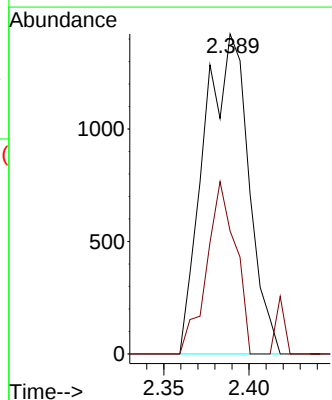
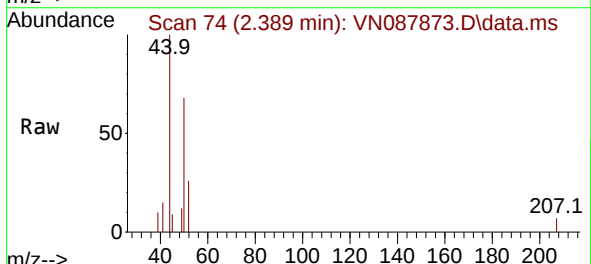
Instrument :
MSVOA_N
ClientSampleId :

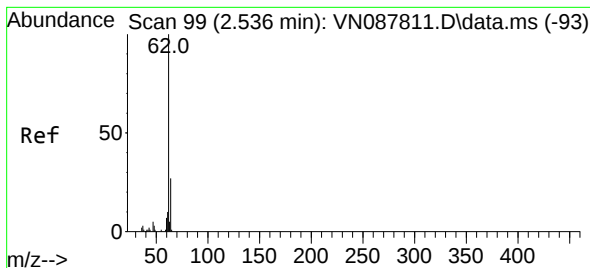
Tgt Ion:128 Resp: 56339
Ion Ratio Lower Upper
128 100
49 172.7 0.0 464.3
130 127.7 0.0 300.5



#3
Chloromethane
Concen: 0.705 ug/l
RT: 2.389 min Scan# 74
Delta R.T. 0.006 min
Lab File: VN087873.D
Acq: 17 Sep 2025 12:38

Tgt Ion: 50 Resp: 2591
Ion Ratio Lower Upper
50 100
52 38.4 26.6 40.0





#4

Vinyl Chloride

Concen: 49.148 ug/l

RT: 2.536 min Scan# 99

Delta R.T. -0.006 min

Lab File: VN087873.D

Acq: 17 Sep 2025 12:38

Instrument :

MSVOA_N

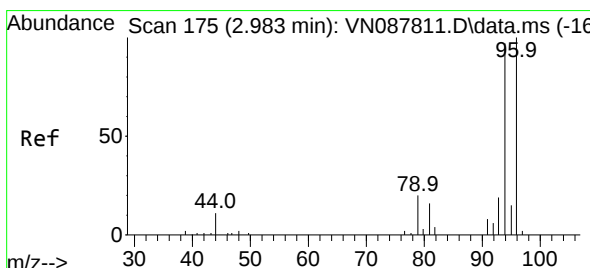
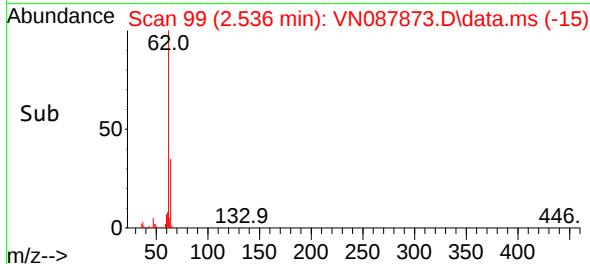
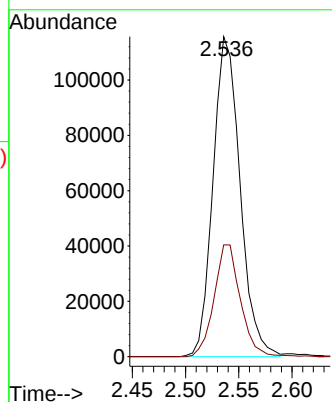
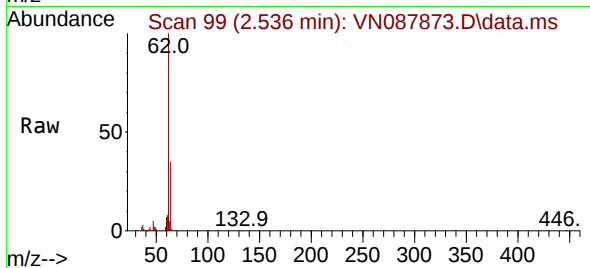
ClientSampleId :

Tgt Ion: 62 Resp: 204214

Ion Ratio Lower Upper

62 100

64 35.0 25.5 38.3



#5

Bromomethane

Concen: 32.725 ug/l

RT: 2.989 min Scan# 176

Delta R.T. 0.012 min

Lab File: VN087873.D

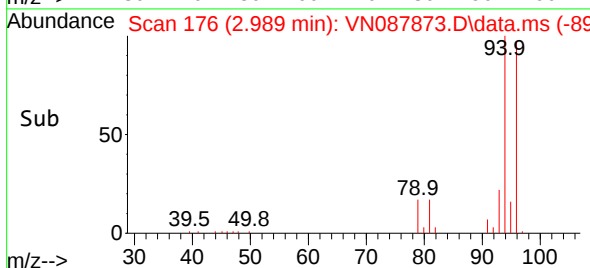
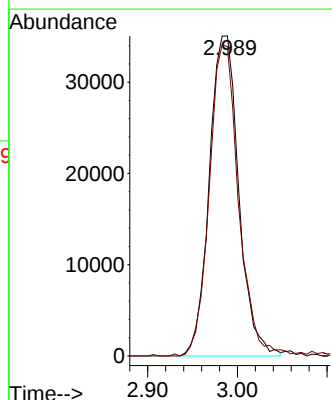
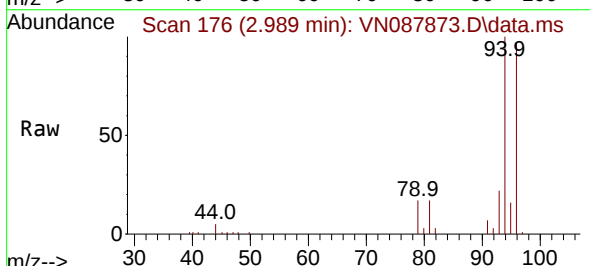
Acq: 17 Sep 2025 12:38

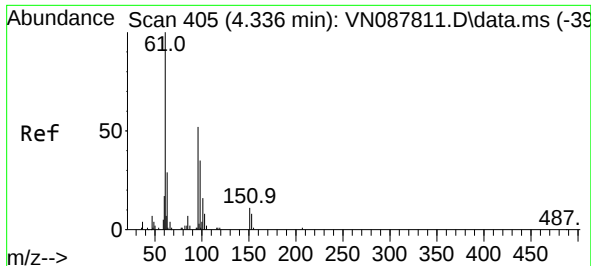
Tgt Ion: 94 Resp: 79770

Ion Ratio Lower Upper

94 100

96 96.6 72.2 108.4



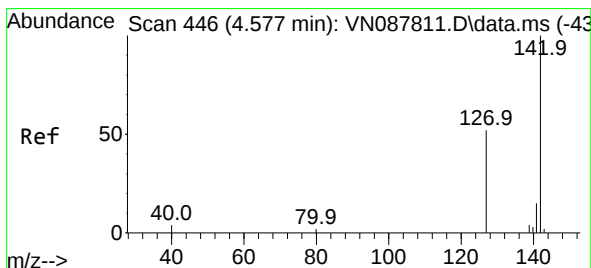
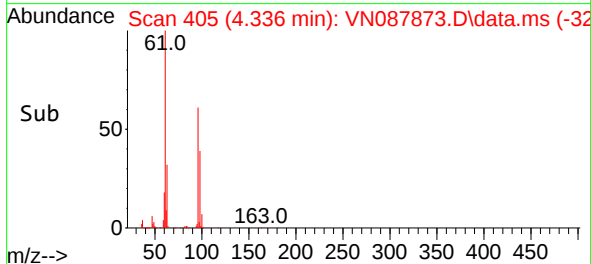
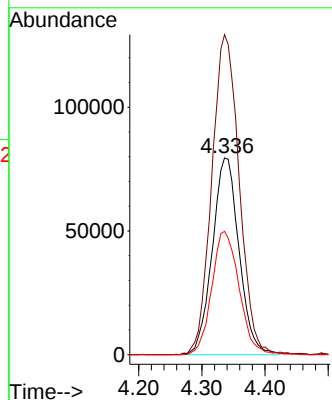
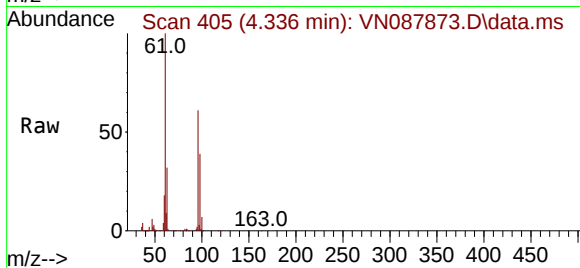


#10
 1,1-Dichloroethene
 Concen: 68.759 ug/l
 RT: 4.336 min Scan# 405
 Delta R.T. -0.006 min
 Lab File: VN087873.D
 Acq: 17 Sep 2025 12:38

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 96 Resp: 233860

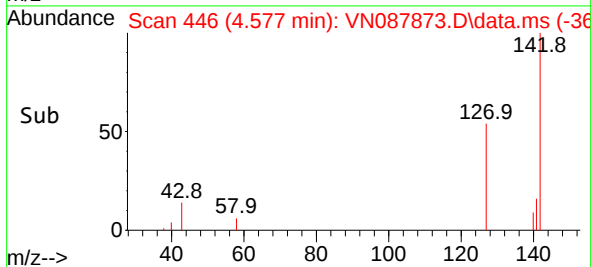
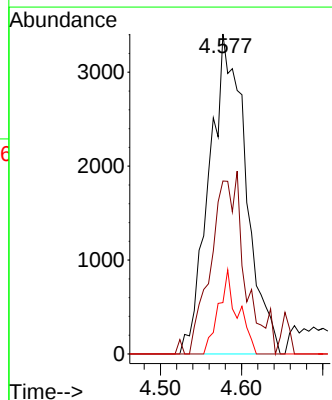
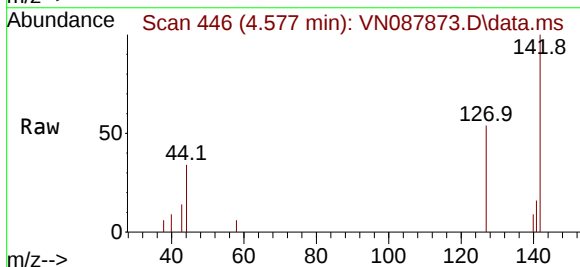
Ion	Ratio	Lower	Upper
96	100		
61	162.6	135.9	203.9
98	62.7	59.2	88.8

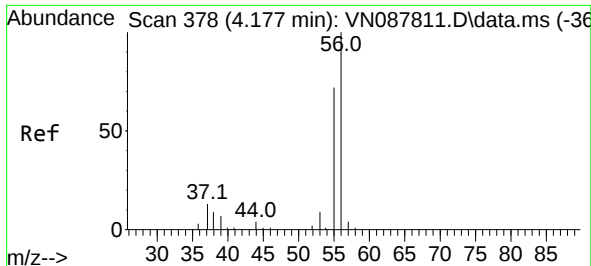


#11
 Methyl Iodide
 Concen: 4.446 ug/l
 RT: 4.577 min Scan# 446
 Delta R.T. -0.006 min
 Lab File: VN087873.D
 Acq: 17 Sep 2025 12:38

Tgt Ion: 142 Resp: 10703

Ion	Ratio	Lower	Upper
142	100		
127	49.2	27.9	83.7
141	16.1	9.6	28.8

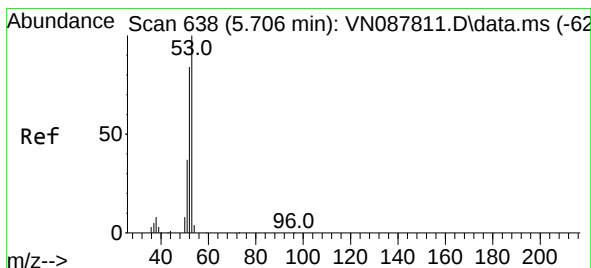
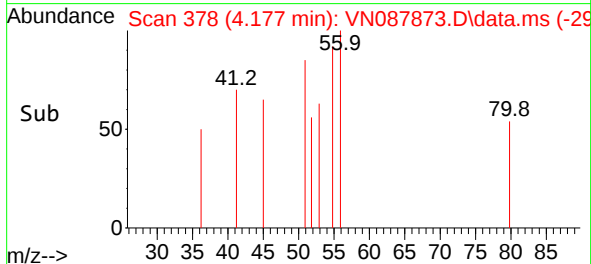
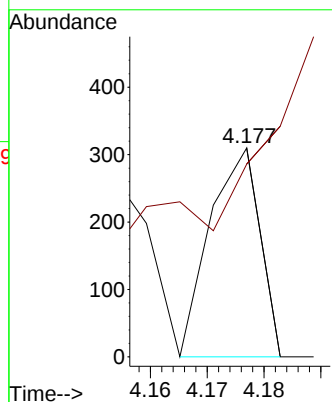
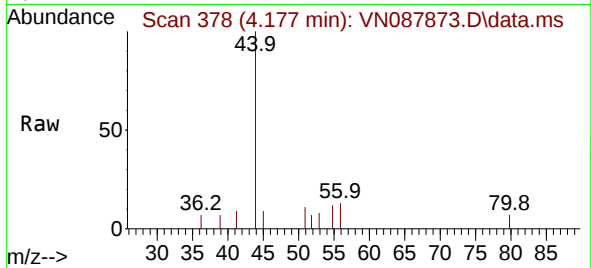




#13
Acrolein
Concen: 0.202 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN087873.D
Acq: 17 Sep 2025 12:38

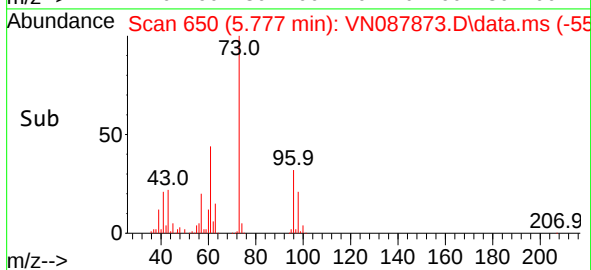
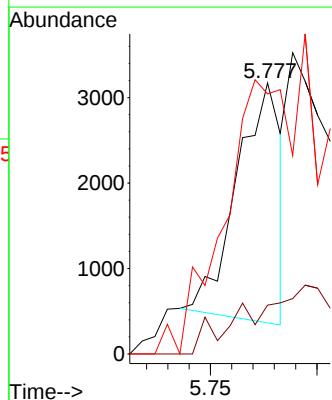
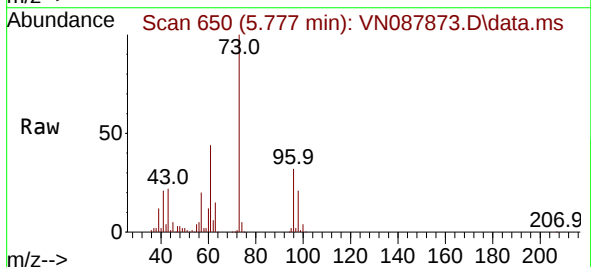
Instrument :
MSVOA_N
ClientSampleId :

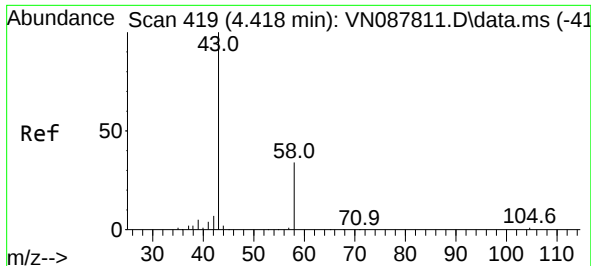
Tgt Ion: 56 Resp: 189
Ion Ratio Lower Upper
56 100
55 205.8 28.6 42.8#



#14
Acrylonitrile
Concen: 1.775 ug/l
RT: 5.777 min Scan# 650
Delta R.T. 0.059 min
Lab File: VN087873.D
Acq: 17 Sep 2025 12:38

Tgt Ion: 53 Resp: 4006
Ion Ratio Lower Upper
53 100
52 11.2 40.9 122.7#
51 169.4 18.1 54.1#

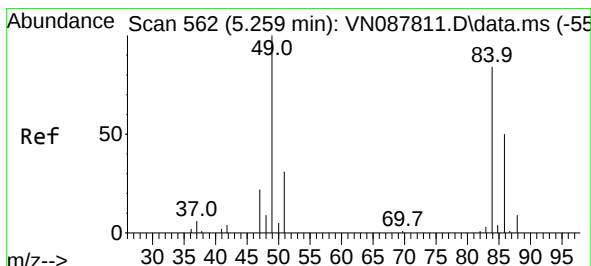
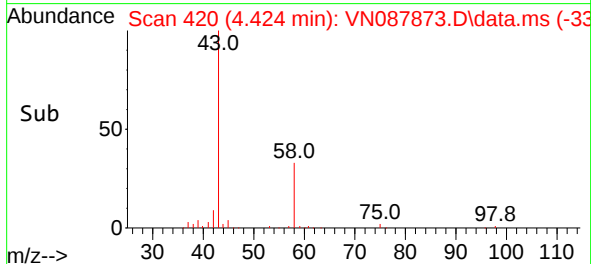
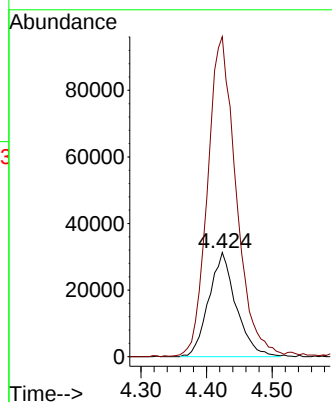
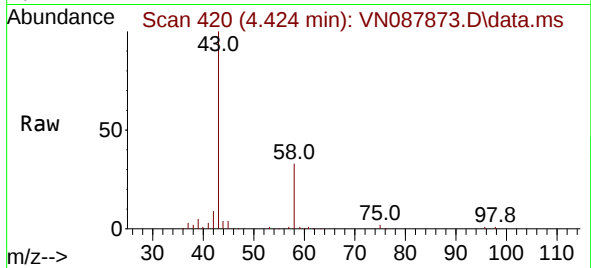




#15
Acetone
Concen: 128.362 ug/l
RT: 4.424 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN087873.D
Acq: 17 Sep 2025 12:38

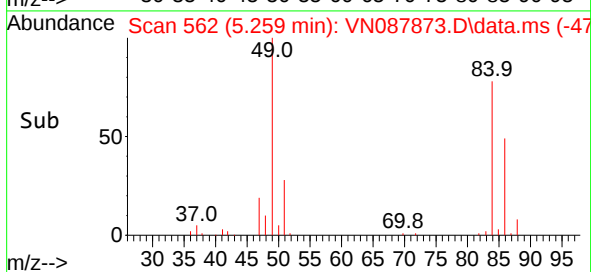
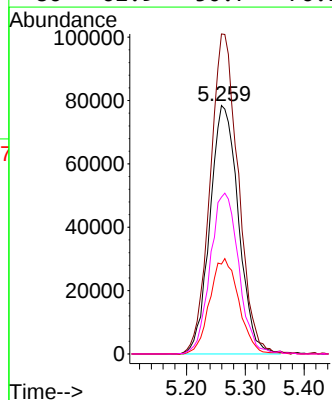
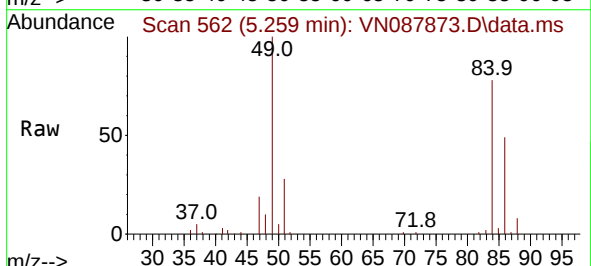
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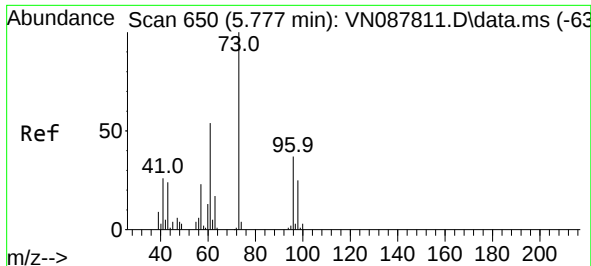
Tgt Ion: 58 Resp: 90366
Ion Ratio Lower Upper
58 100
43 305.1 250.6 376.0



#18
Methylene Chloride
Concen: 68.379 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.006 min
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Acq: 17 Sep 2025 12:38

Tgt Ion: 84 Resp: 263442
Ion Ratio Lower Upper
84 100
49 128.8 114.1 171.1
51 36.2 30.2 45.4
86 62.9 50.7 76.1

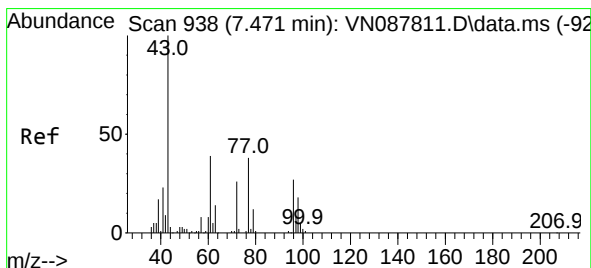
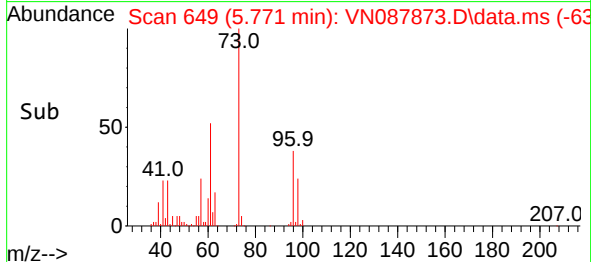
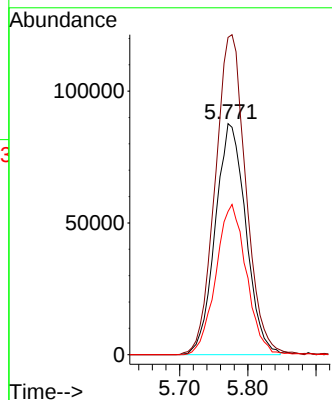
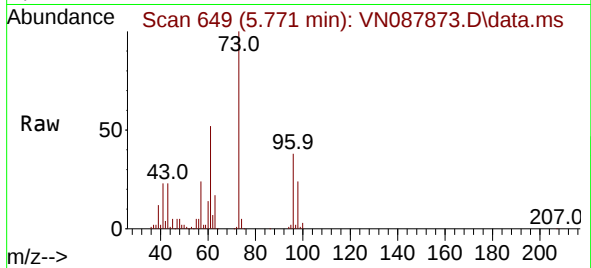




#19
trans-1,2-Dichloroethene
Concen: 78.838 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.006 min
Lab File: VN087873.D
Acq: 17 Sep 2025 12:38

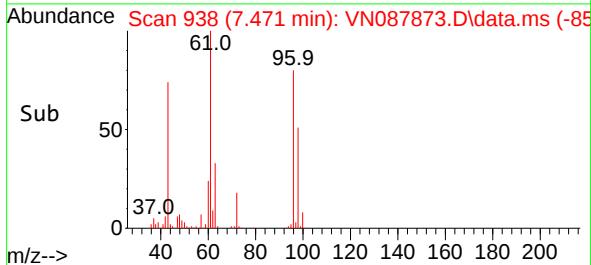
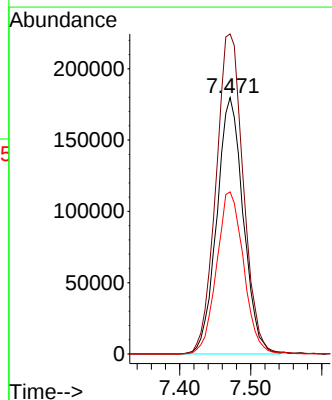
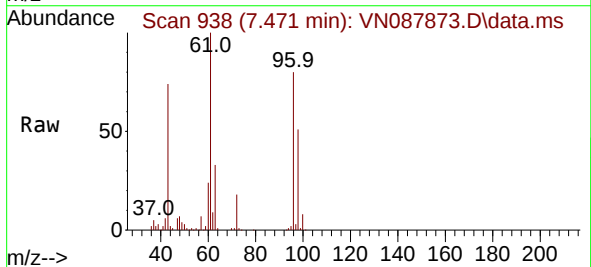
Instrument :
MSVOA_N
ClientSampleId :

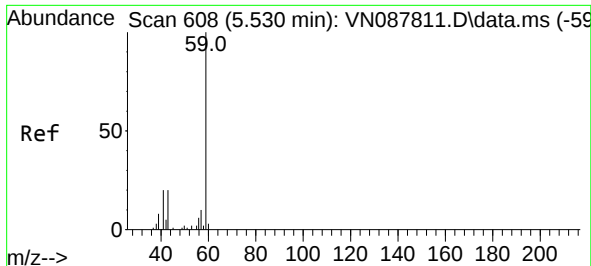
Tgt Ion: 96 Resp: 273470
Ion Ratio Lower Upper
96 100
61 137.2 106.4 159.6
98 62.0 48.9 73.3



#22
cis-1,2-Dichloroethene
Concen: 110.544 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.006 min
Lab File: VN087873.D
Acq: 17 Sep 2025 12:38

Tgt Ion: 96 Resp: 465431
Ion Ratio Lower Upper
96 100
61 128.7 118.2 177.2
98 64.3 51.6 77.4

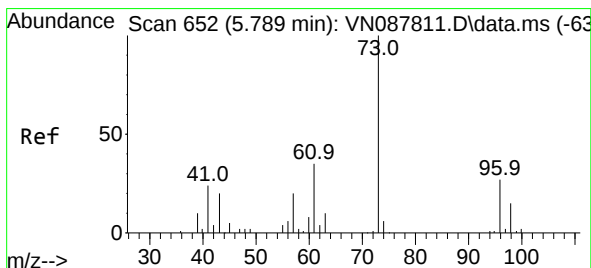
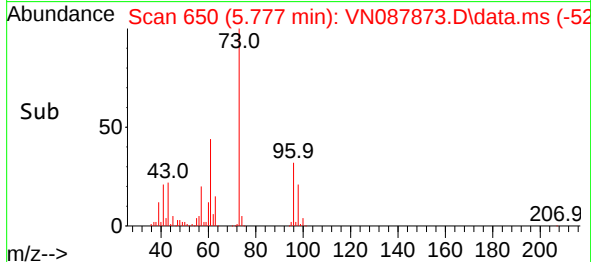
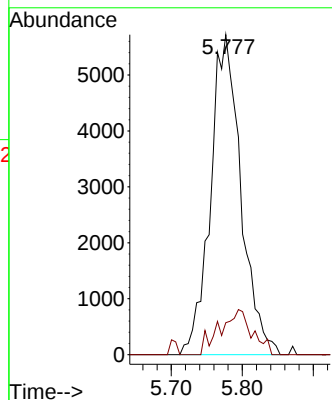
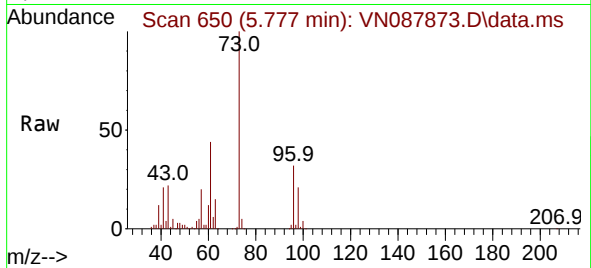




#23
tert-Butyl Alcohol
Concen: 21.330 ug/l
RT: 5.777 min Scan# 610
Delta R.T. 0.247 min
Lab File: VN087873.D
Acq: 17 Sep 2025 12:38

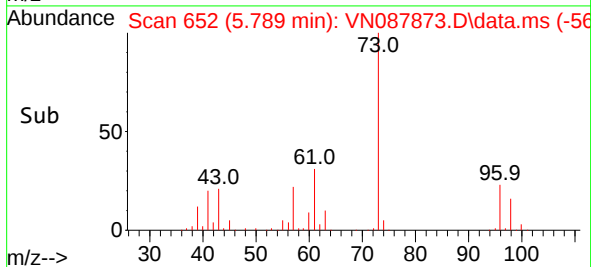
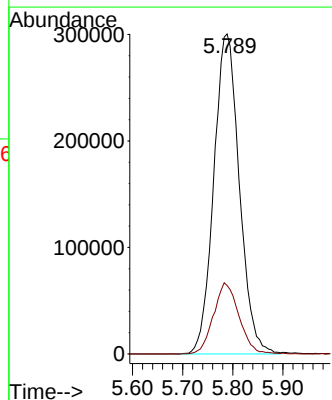
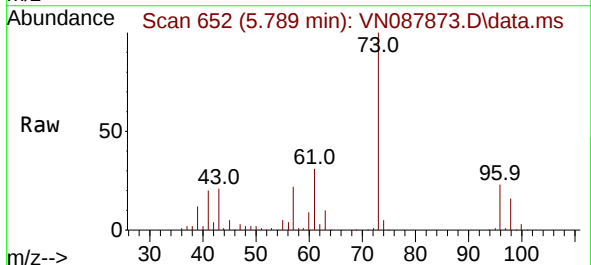
Instrument :
MSVOA_N
ClientSampleId :

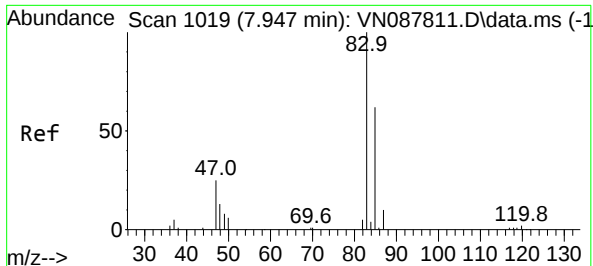
Tgt Ion: 59 Resp: 17016
Ion Ratio Lower Upper
59 100
52 2.6 0.0 0.0#



#24
Methyl tert-Butyl Ether
Concen: 87.701 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN087873.D
Acq: 17 Sep 2025 12:38

Tgt Ion: 73 Resp: 1064902
Ion Ratio Lower Upper
73 100
43 21.9 16.8 25.2





#25

Chloroform

Concen: 86.368 ug/l

RT: 7.953 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087873.D

Acq: 17 Sep 2025 12:38

Instrument :

MSVOA_N

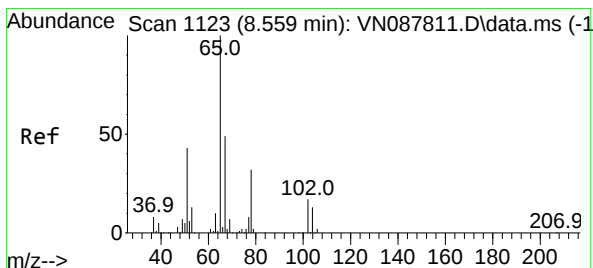
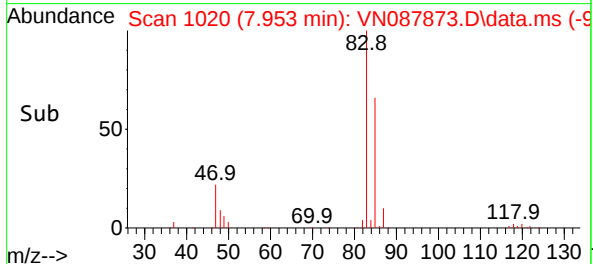
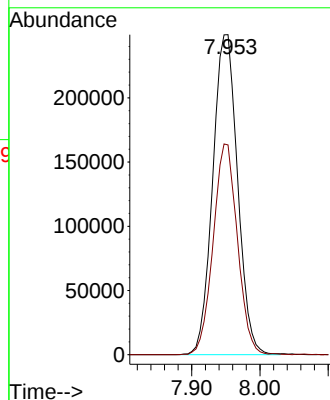
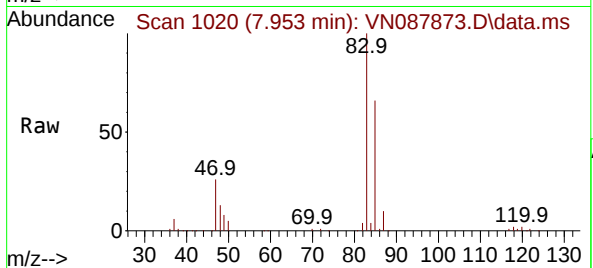
ClientSampleId :

Tgt Ion: 83 Resp: 632447

Ion Ratio Lower Upper

83 100

85 65.5 47.7 71.5



#27

1,2-Dichloroethane-d4

Concen: 28.384 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN087873.D

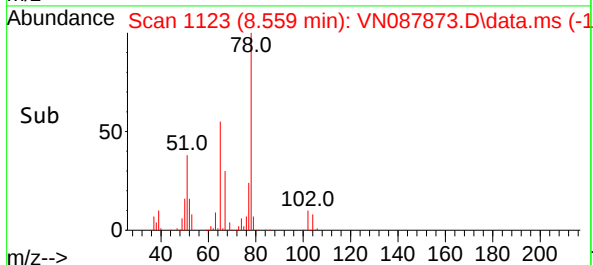
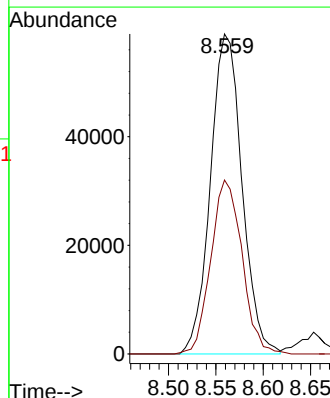
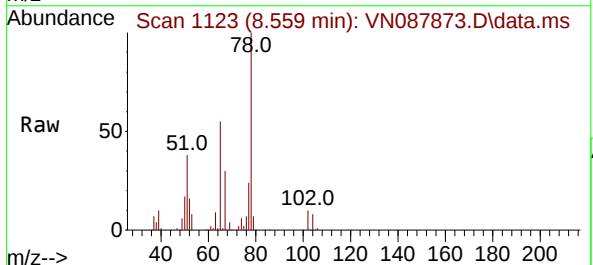
Acq: 17 Sep 2025 12:38

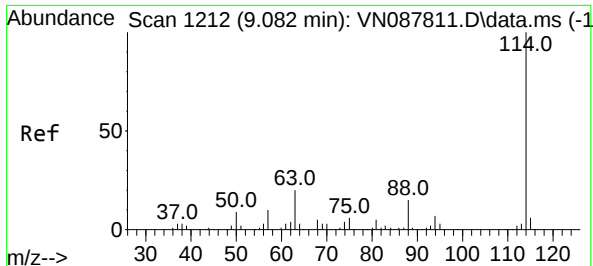
Tgt Ion: 65 Resp: 136600

Ion Ratio Lower Upper

65 100

67 53.8 39.6 59.4





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.083 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN087873.D

Acq: 17 Sep 2025 12:38

Instrument :

MSVOA_N

ClientSampleId :

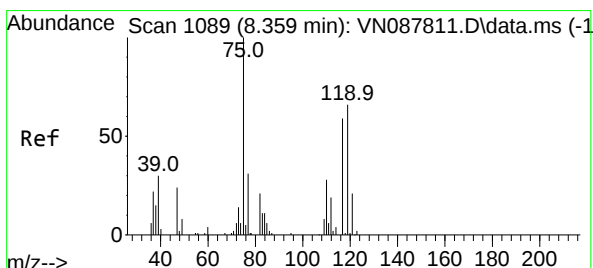
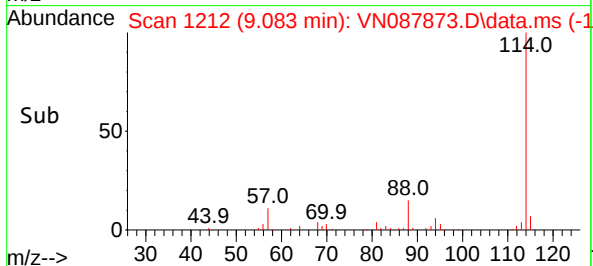
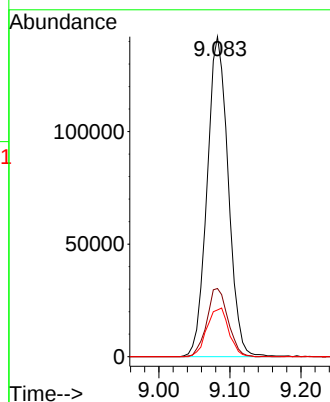
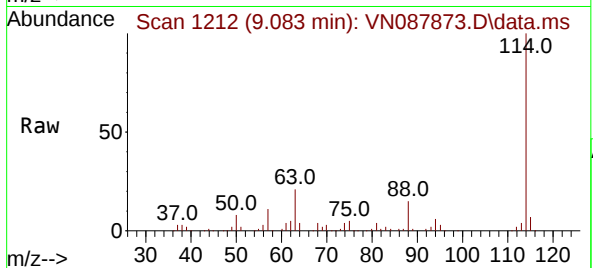
Tgt Ion:114 Resp: 293605

Ion Ratio Lower Upper

114 100

63 21.4 18.3 27.5

88 15.8 12.4 18.6



#29

1,1-Dichloropropene

Concen: 6.294 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.229 min

Lab File: VN087873.D

Acq: 17 Sep 2025 12:38

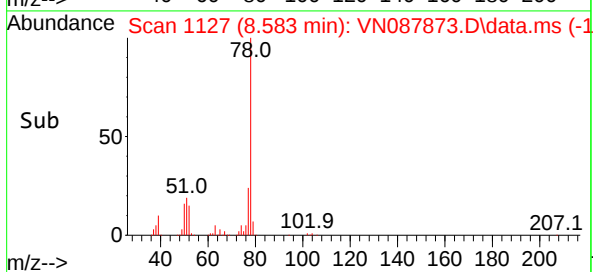
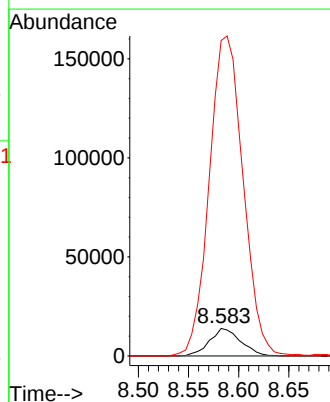
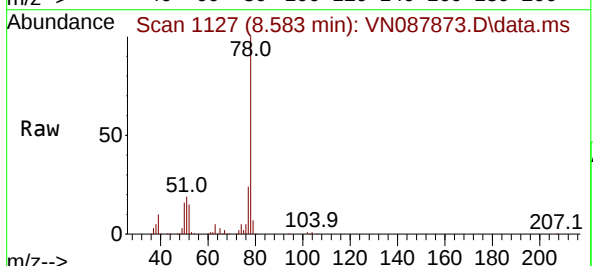
Tgt Ion: 75 Resp: 30035

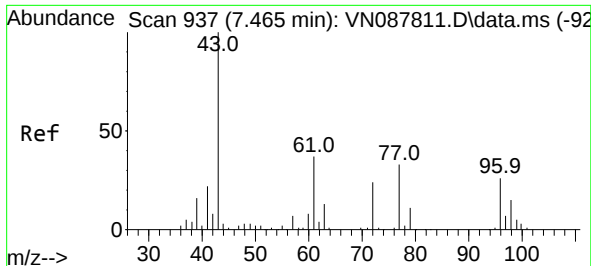
Ion Ratio Lower Upper

75 100

110 0.0 0.0 64.4

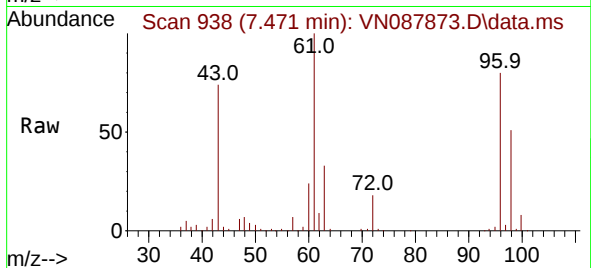
77 1263.0 0.0 62.2#



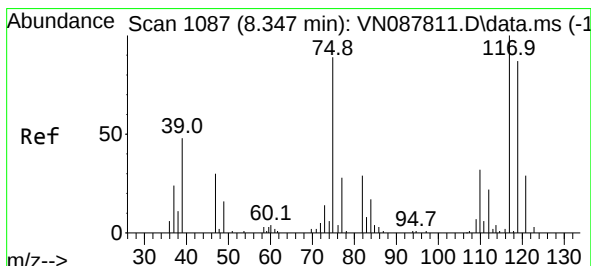
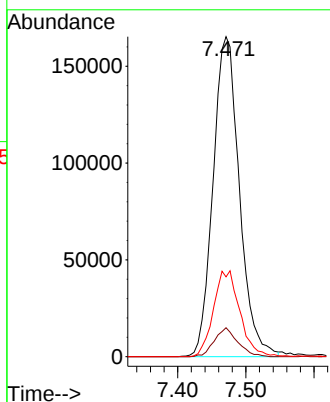
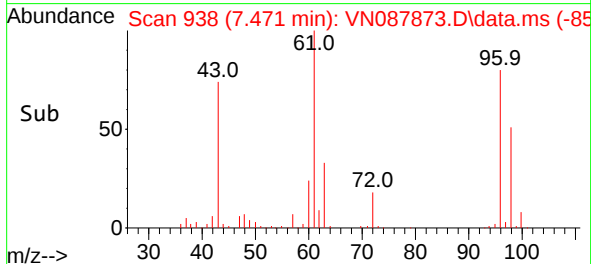


#30
2-Butanone
Concen: 135.233 ug/l
RT: 7.471 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087873.D
Acq: 17 Sep 2025 12:38

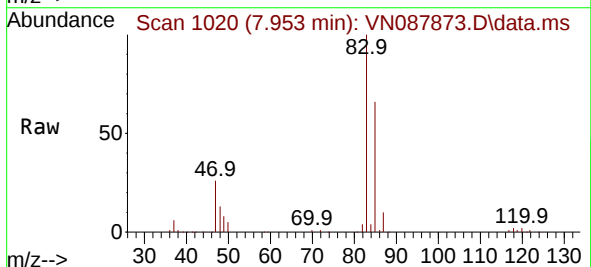
Instrument :
MSVOA_N
ClientSampleId :



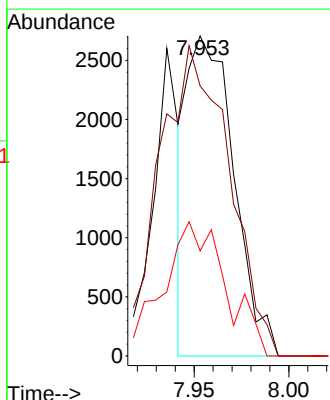
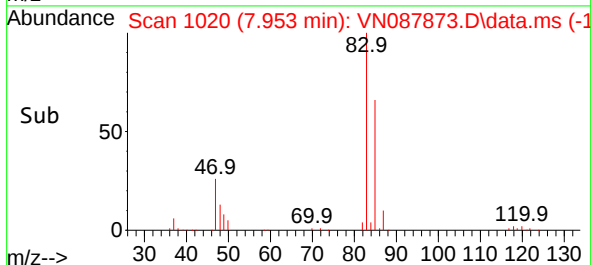
Tgt Ion: 43 Resp: 444515
Ion Ratio Lower Upper
43 100
57 8.0 6.3 9.5
72 26.8 21.4 32.2

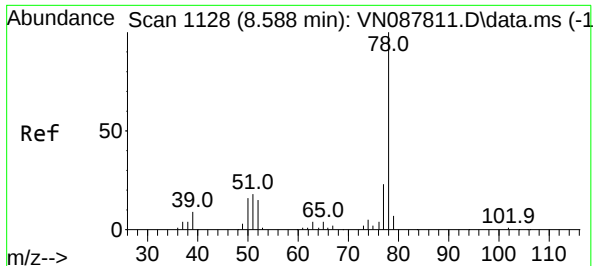


#33
Carbon Tetrachloride
Concen: 0.926 ug/l
RT: 7.953 min Scan# 1020
Delta R.T. -0.388 min
Lab File: VN087873.D
Acq: 17 Sep 2025 12:38



Tgt Ion: 117 Resp: 4672
Ion Ratio Lower Upper
117 100
119 84.4 77.3 115.9
121 32.8 26.6 39.8

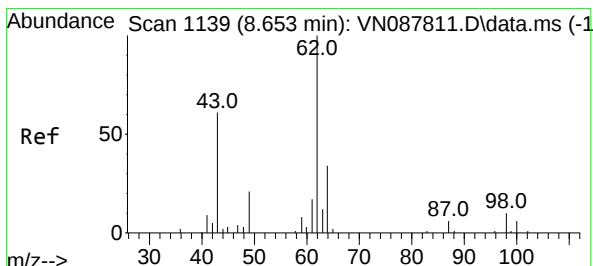
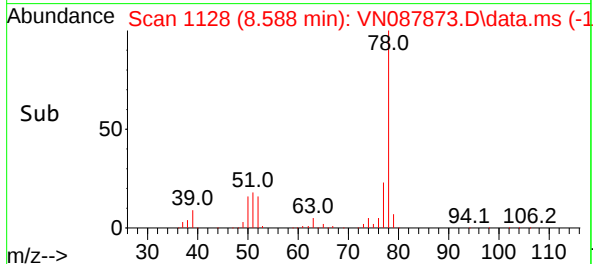
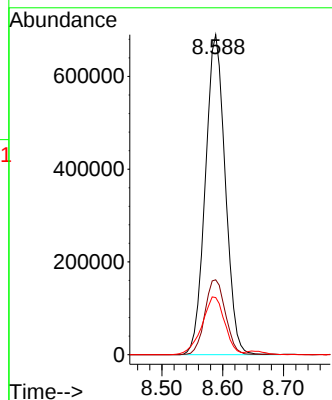
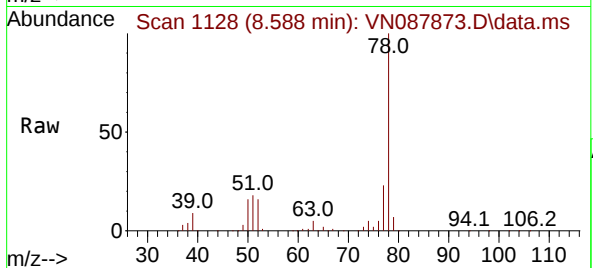




#34
Benzene
Concen: 101.679 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN087873.D
Acq: 17 Sep 2025 12:38

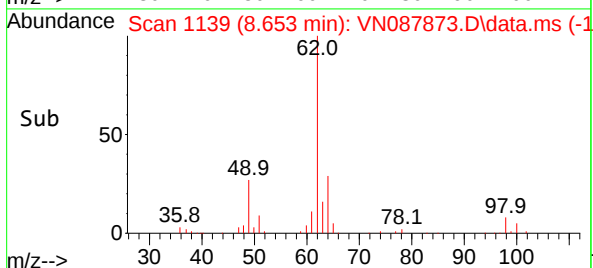
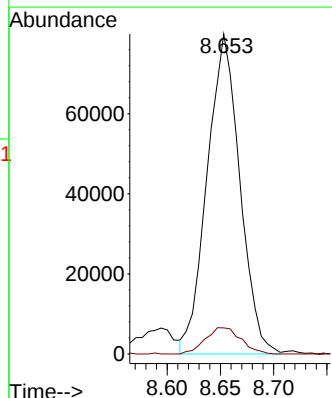
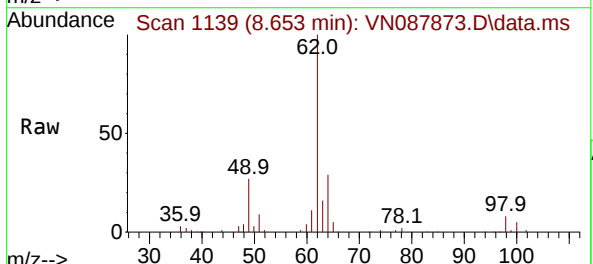
Instrument :
MSVOA_N
ClientSampleId :

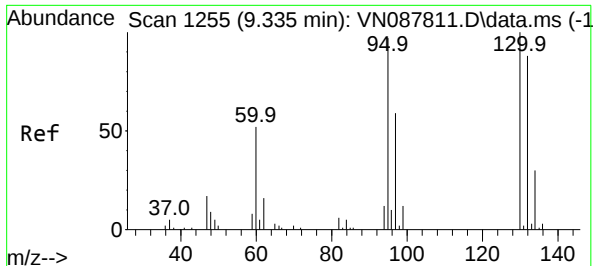
Tgt Ion: 78 Resp: 1568048
Ion Ratio Lower Upper
78 100
77 23.4 20.3 30.5
51 17.8 18.0 27.0#



#36
1,2-Dichloroethane
Concen: 29.299 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087873.D
Acq: 17 Sep 2025 12:38

Tgt Ion: 62 Resp: 170670
Ion Ratio Lower Upper
62 100
98 8.9 7.2 10.8





#37

Trichloroethene

Concen: 87.638 ug/l

RT: 9.335 min Scan# 1255

Delta R.T. -0.000 min

Lab File: VN087873.D

Acq: 17 Sep 2025 12:38

Instrument :

MSVOA_N

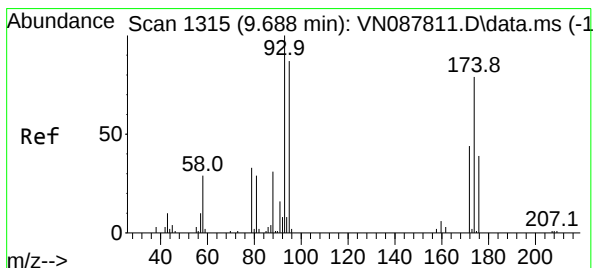
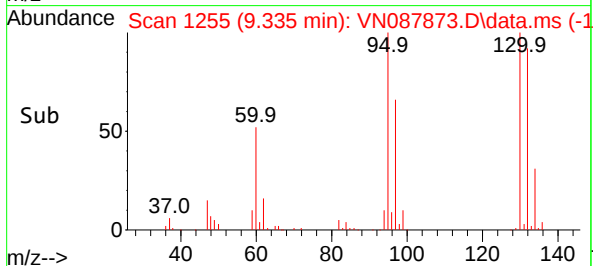
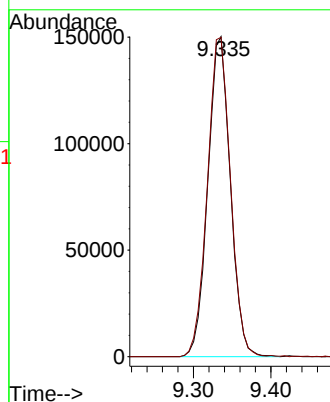
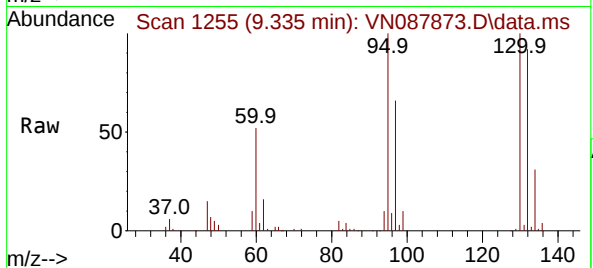
ClientSampleId :

Tgt Ion:130 Resp: 302114

Ion Ratio Lower Upper

130 100

95 99.8 82.7 124.1



#40

Dibromomethane

Concen: 114.310 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN087873.D

Acq: 17 Sep 2025 12:38

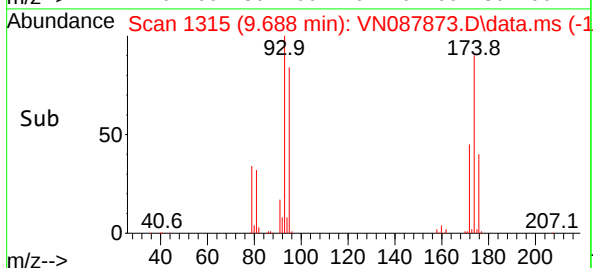
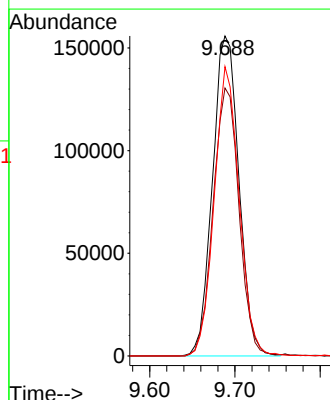
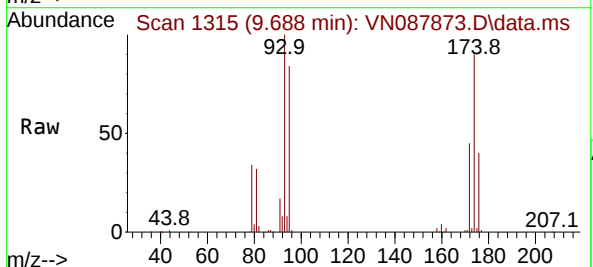
Tgt Ion: 93 Resp: 336001

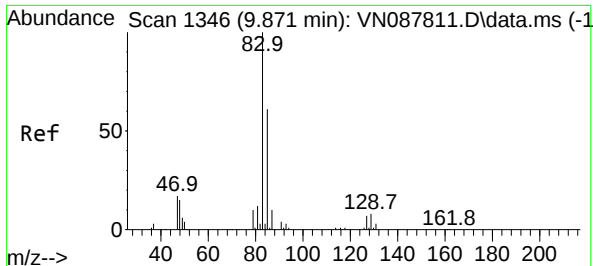
Ion Ratio Lower Upper

93 100

95 82.1 0.0 168.4

174 85.4 0.0 162.8

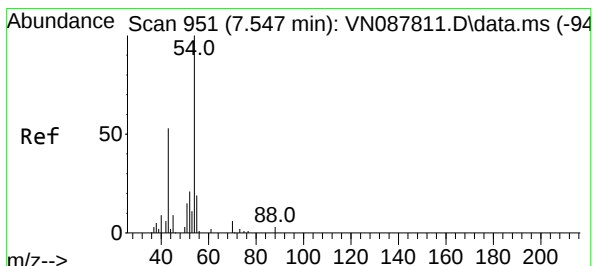
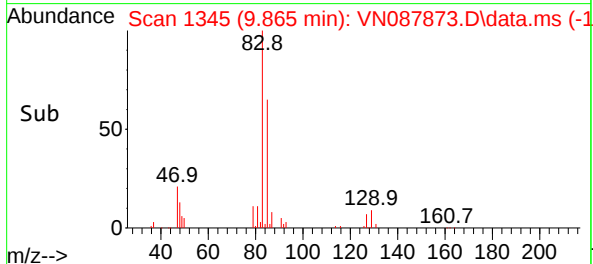
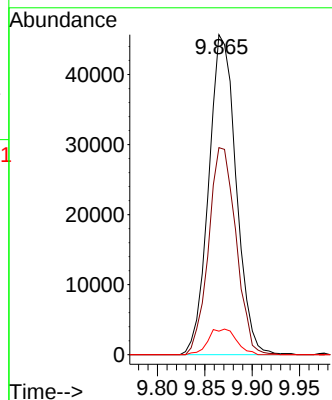
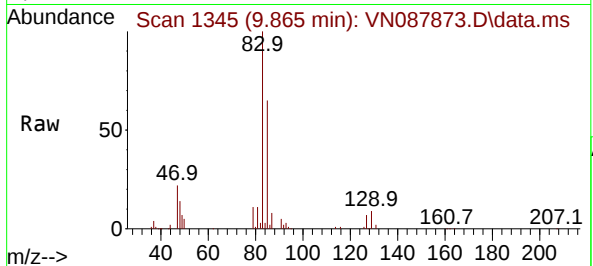




#41
Bromodichloromethane
Concen: 15.311 ug/l
RT: 9.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087873.D
Acq: 17 Sep 2025 12:38

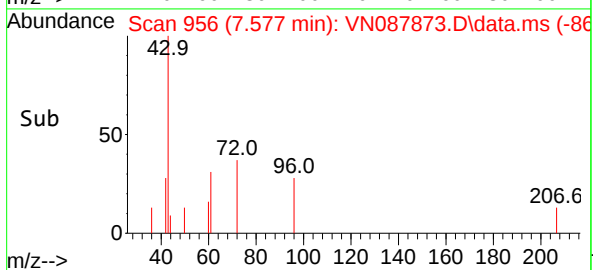
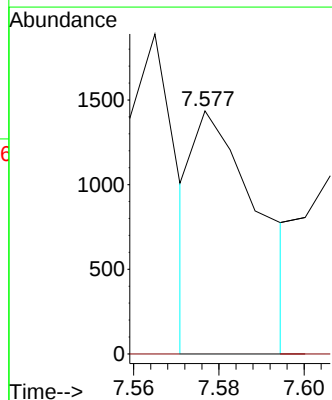
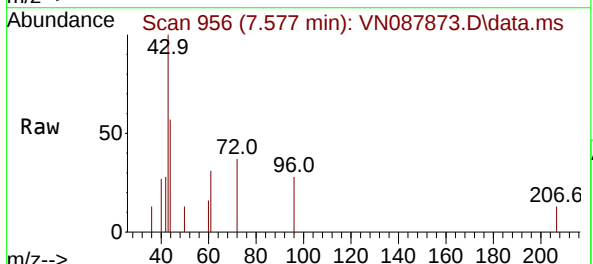
Instrument :
MSVOA_N
ClientSampleId :

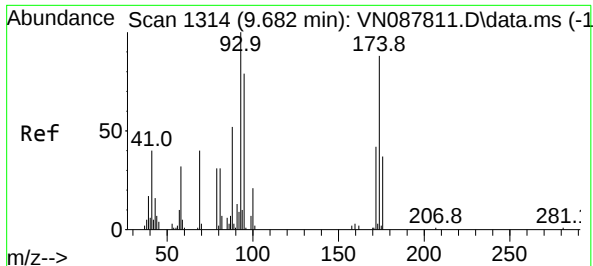
Tgt Ion: 83 Resp: 91988
Ion Ratio Lower Upper
83 100
85 64.7 47.3 70.9
127 7.3 5.2 7.8



#43
Ethyl Acetate
Concen: 0.224 ug/l
RT: 7.577 min Scan# 956
Delta R.T. 0.029 min
Lab File: VN087873.D
Acq: 17 Sep 2025 12:38

Tgt Ion: 43 Resp: 1503
Ion Ratio Lower Upper
43 100
45 19.5 10.5 15.7#

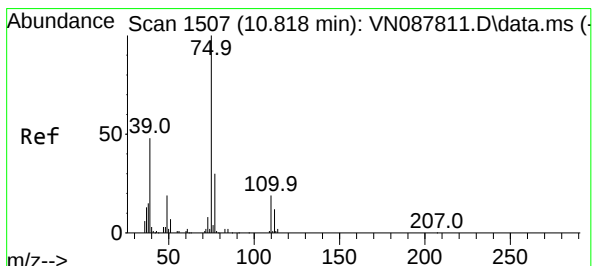
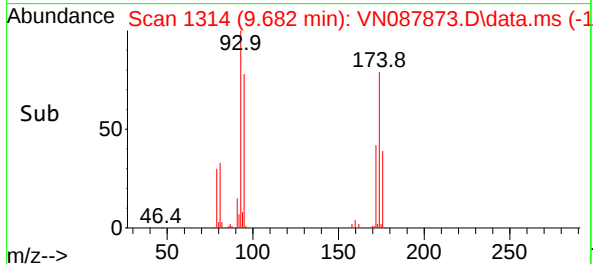
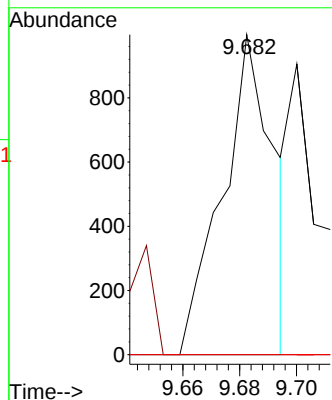
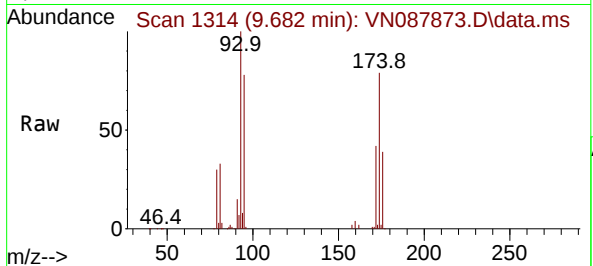




#45
1,4-Dioxane
Concen: 18.661 ug/l
RT: 9.682 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087873.D
Acq: 17 Sep 2025 12:38

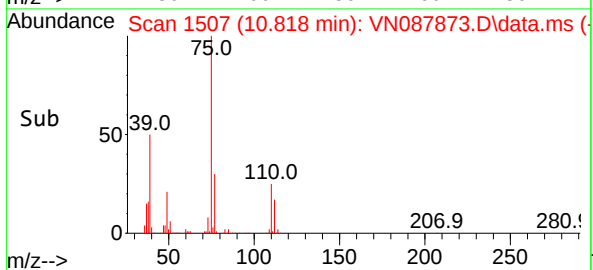
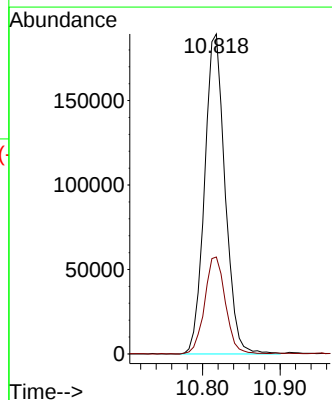
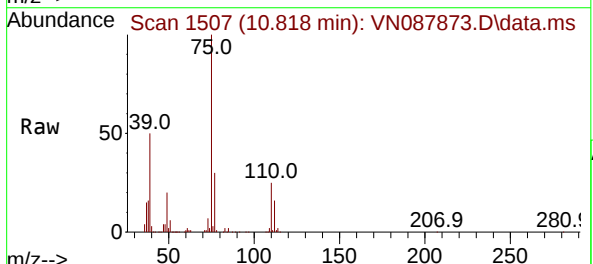
Instrument :
MSVOA_N
ClientSampleId :

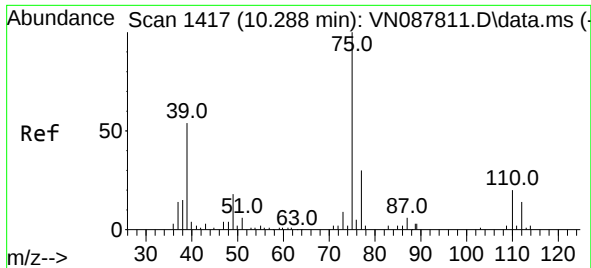
Tgt Ion: 88 Resp: 1239
Ion Ratio Lower Upper
88 100
43 15.3 23.6 35.4#
58 0.0 60.5 90.7#



#48
t-1,3-Dichloropropene
Concen: 55.757 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN087873.D
Acq: 17 Sep 2025 12:38

Tgt Ion: 75 Resp: 347914
Ion Ratio Lower Upper
75 100
77 30.3 24.7 37.1

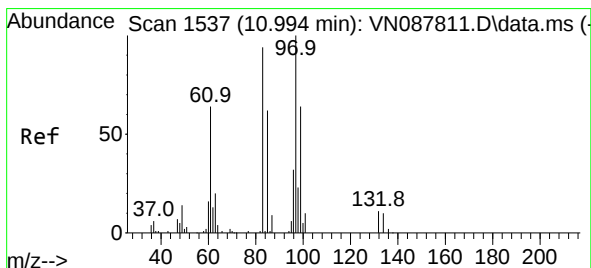
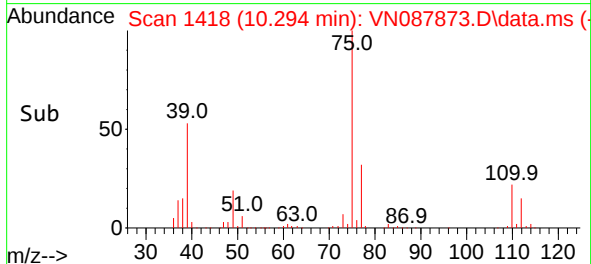
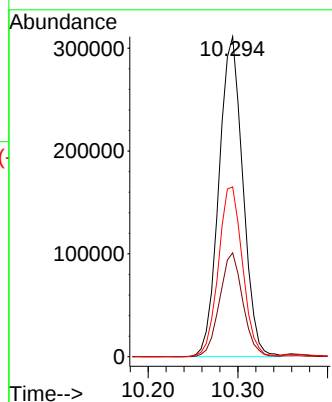
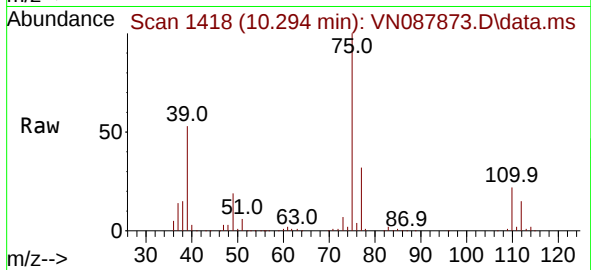




#49
 cis-1,3-Dichloropropene
 Concen: 90.110 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.006 min
 Lab File: VN087873.D
 Acq: 17 Sep 2025 12:38

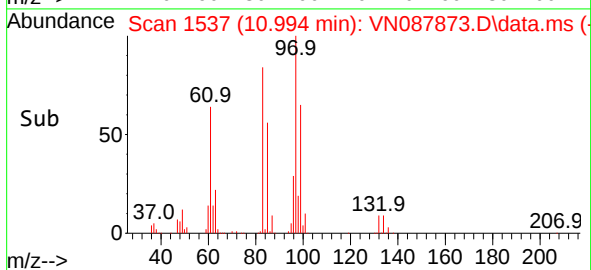
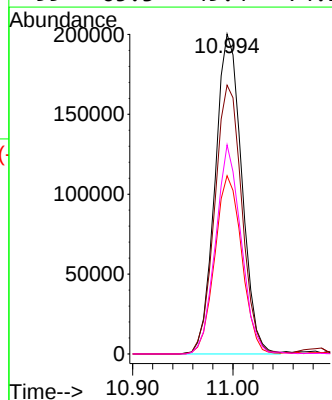
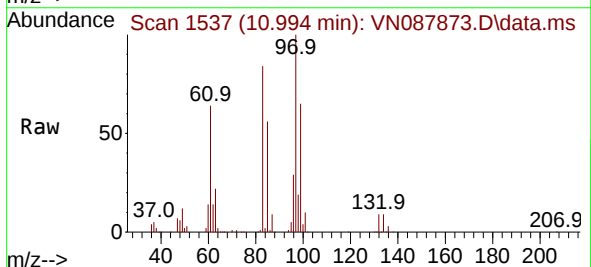
Instrument :
 MSVOA_N
 ClientSampleId :

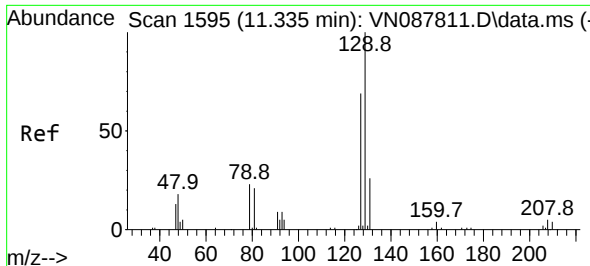
Tgt Ion: 75 Resp: 575902
 Ion Ratio Lower Upper
 75 100
 77 32.4 27.8 41.6
 39 53.0 47.6 71.4



#50
 1,1,2-Trichloroethane
 Concen: 97.362 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. -0.000 min
 Lab File: VN087873.D
 Acq: 17 Sep 2025 12:38

Tgt Ion: 97 Resp: 369634
 Ion Ratio Lower Upper
 97 100
 83 84.0 70.5 105.7
 85 55.7 46.3 69.5
 99 65.3 49.4 74.2

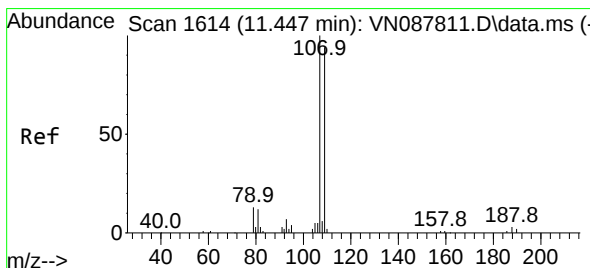
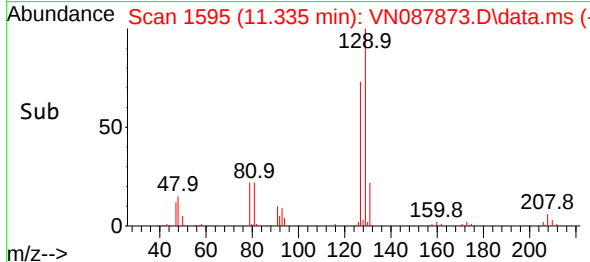
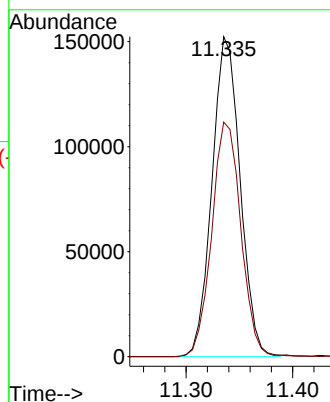
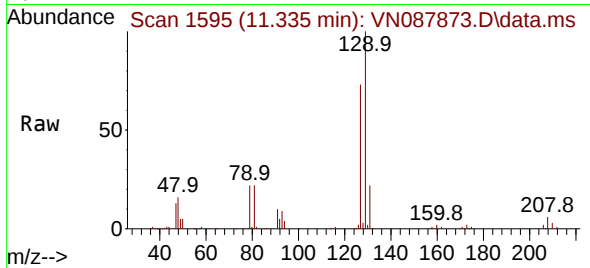




#53
Dibromochloromethane
Concen: 65.679 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN087873.D
Acq: 17 Sep 2025 12:38

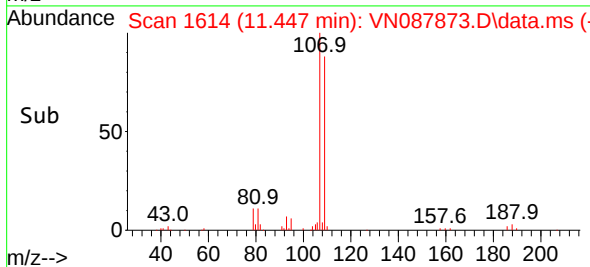
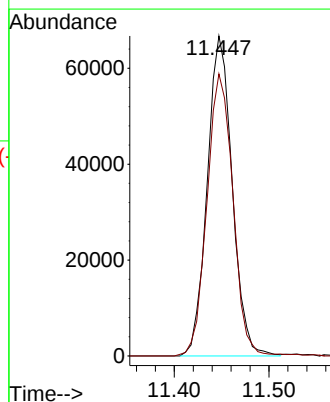
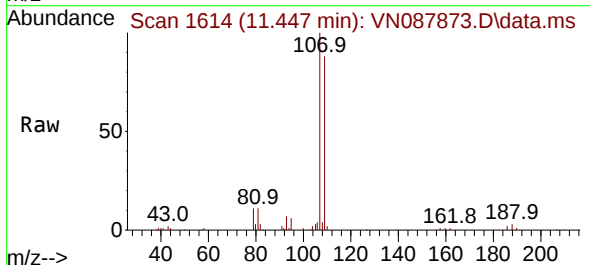
Instrument :
MSVOA_N
ClientSampleId :

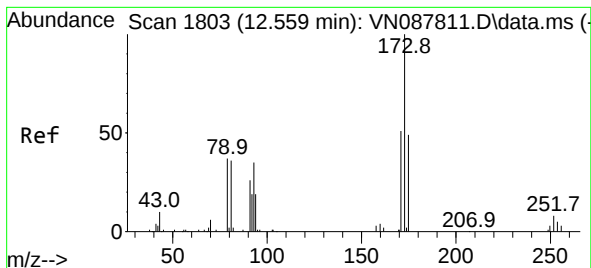
Tgt Ion:129 Resp: 279580
Ion Ratio Lower Upper
129 100
127 75.4 42.6 128.0



#54
1,2-Dibromoethane
Concen: 30.916 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN087873.D
Acq: 17 Sep 2025 12:38

Tgt Ion:107 Resp: 122131
Ion Ratio Lower Upper
107 100
109 91.4 74.6 112.0





#56

Bromoform

Concen: 17.057 ug/l

RT: 12.559 min Scan# 1803

Delta R.T. -0.000 min

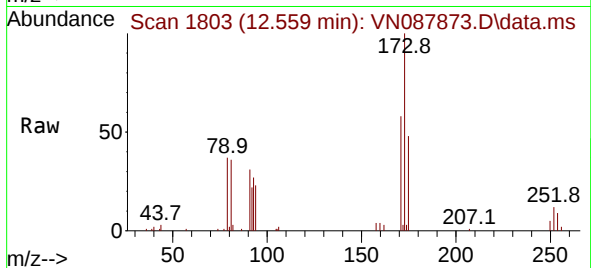
Lab File: VN087873.D

Acq: 17 Sep 2025 12:38

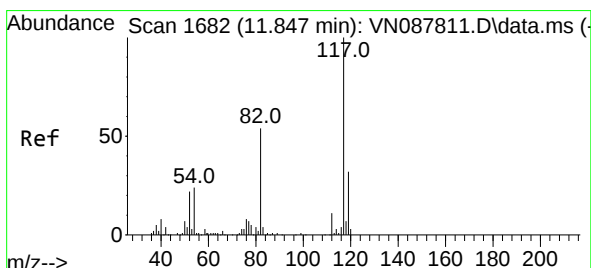
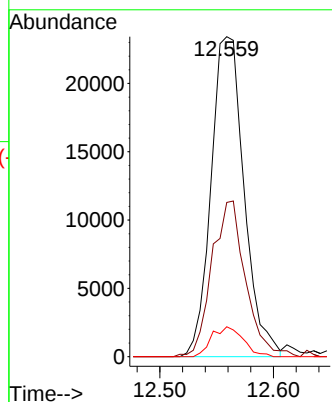
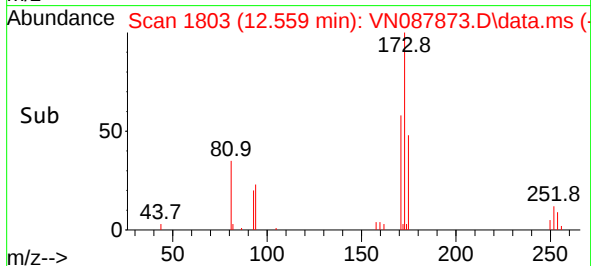
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	173	Resp:	47416
Ion Ratio	Lower	Upper	
173	100		
175	48.9	39.8	59.6
254	8.9	6.2	9.4



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

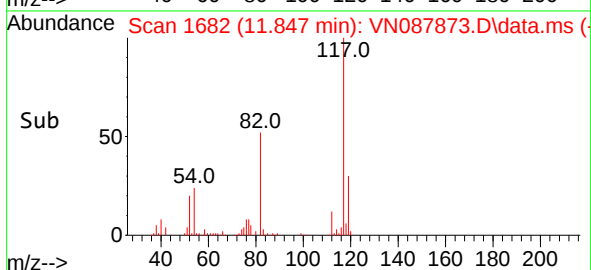
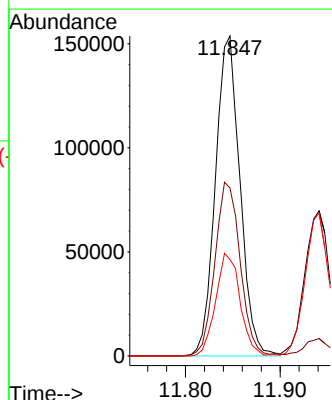
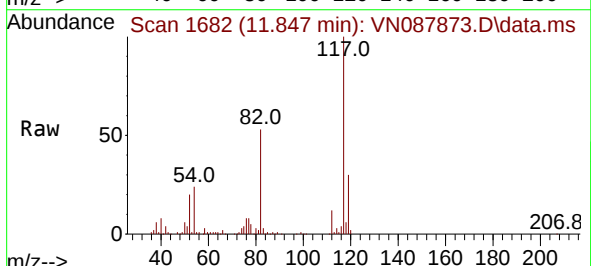
RT: 11.847 min Scan# 1682

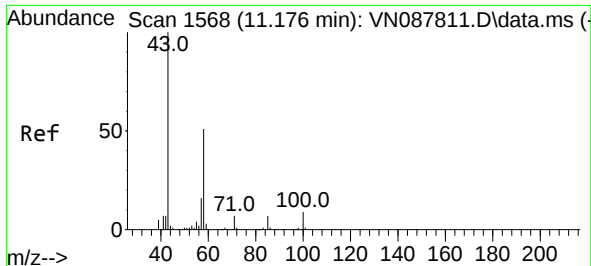
Delta R.T. 0.006 min

Lab File: VN087873.D

Acq: 17 Sep 2025 12:38

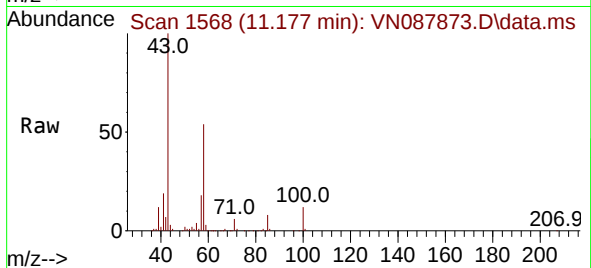
Tgt Ion:	117	Resp:	277718
Ion Ratio	Lower	Upper	
117	100		
82	55.5	45.9	68.9
119	31.8	25.3	37.9



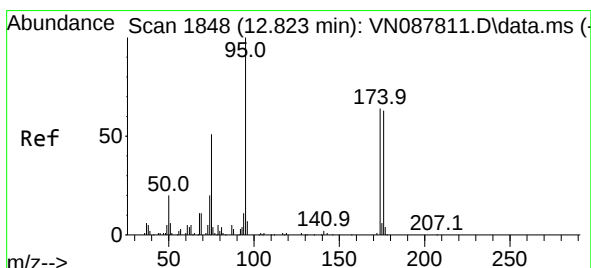
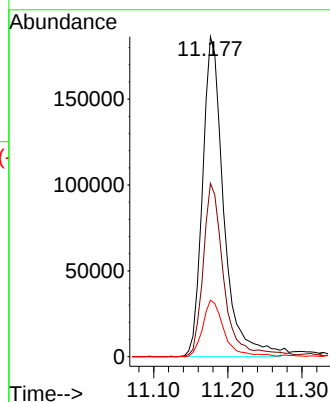
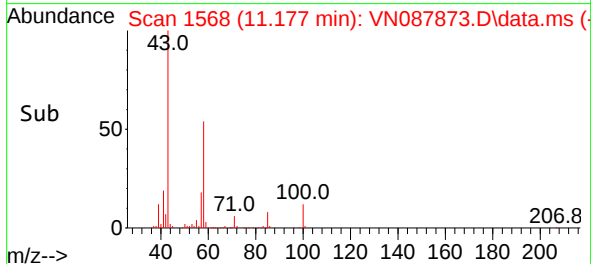


#59
2-Hexanone
Concen: 86.647 ug/l
RT: 11.177 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN087873.D
Acq: 17 Sep 2025 12:38

Instrument :
MSVOA_N
ClientSampleId :

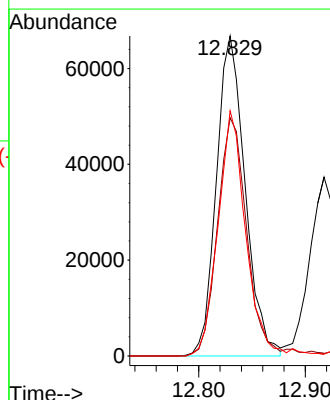
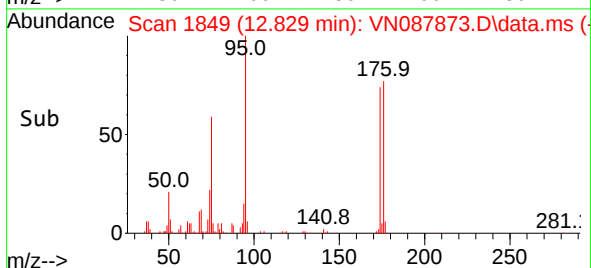
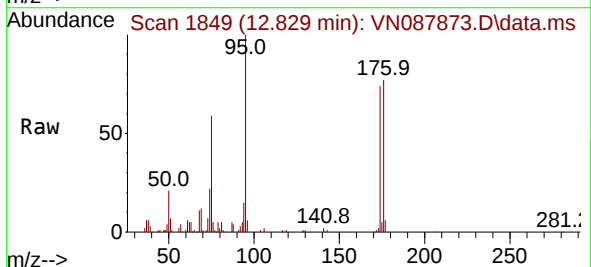


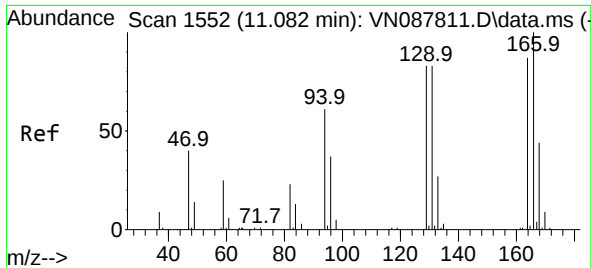
Tgt Ion: 43 Resp: 371792
Ion Ratio Lower Upper
43 100
58 50.6 40.2 60.4
57 17.8 13.7 20.5



#60
4-Bromofluorobenzene
Concen: 28.002 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087873.D
Acq: 17 Sep 2025 12:38

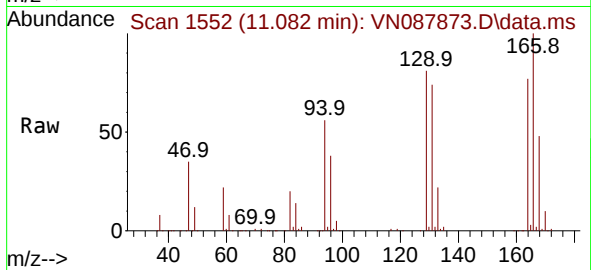
Tgt Ion: 95 Resp: 125042
Ion Ratio Lower Upper
95 100
174 75.0 55.4 83.0
176 73.4 51.5 77.3



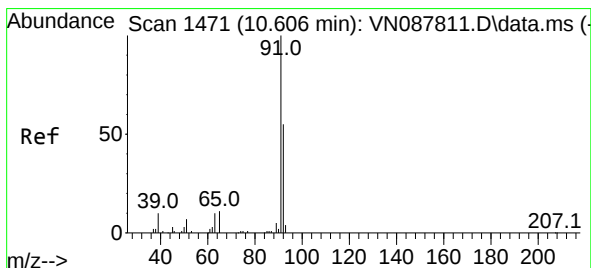
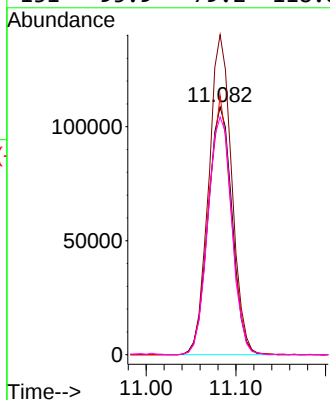
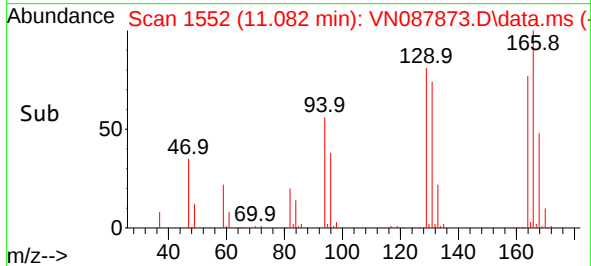


#61
Tetrachloroethene
Concen: 72.984 ug/l
RT: 11.082 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087873.D
Acq: 17 Sep 2025 12:38

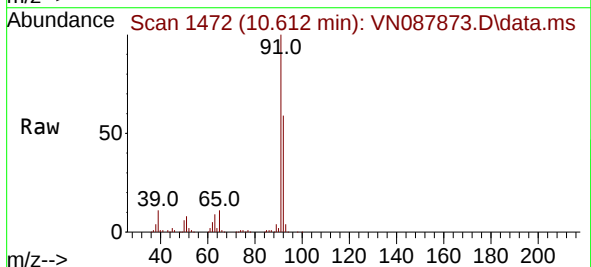
Instrument :
MSVOA_N
ClientSampleId :



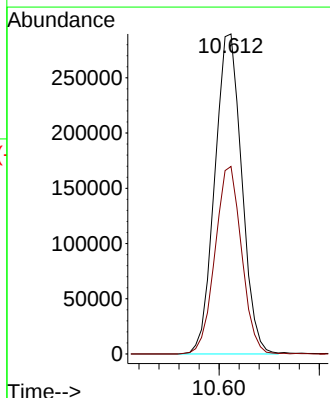
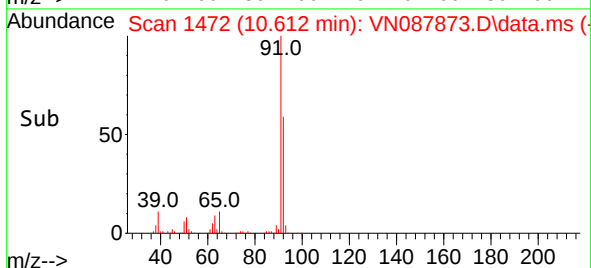
Tgt Ion:164 Resp: 201804
Ion Ratio Lower Upper
164 100
166 129.2 97.3 145.9
129 104.5 78.6 117.8
131 95.9 79.2 118.8

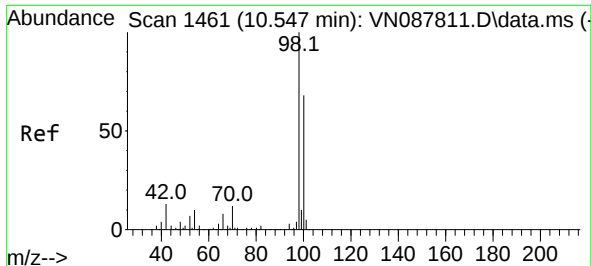


#62
Toluene
Concen: 32.225 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087873.D
Acq: 17 Sep 2025 12:38



Tgt Ion: 91 Resp: 541334
Ion Ratio Lower Upper
91 100
92 57.7 45.4 68.0

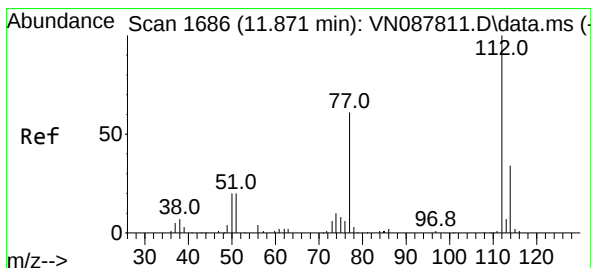
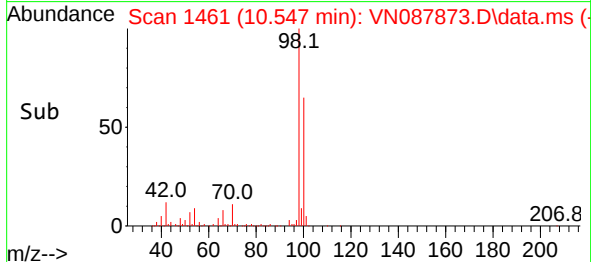
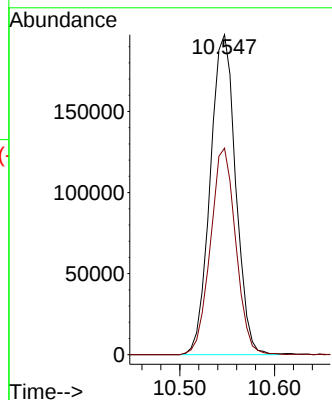
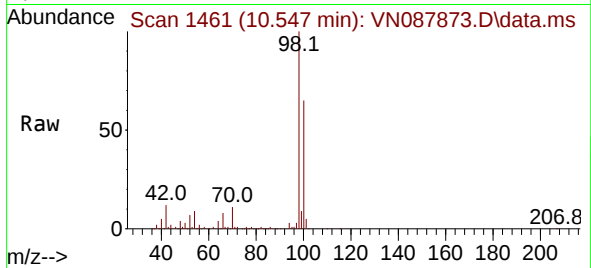




#63
Toluene-d8
Concen: 28.556 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087873.D
Acq: 17 Sep 2025 12:38

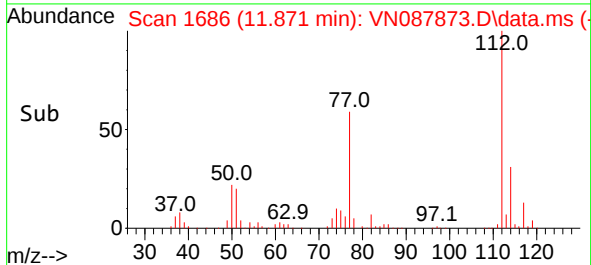
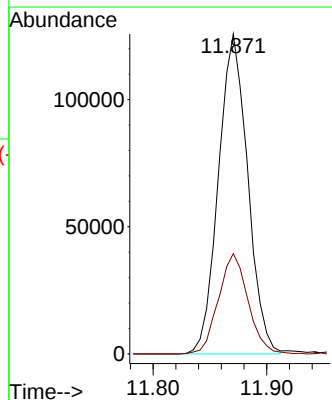
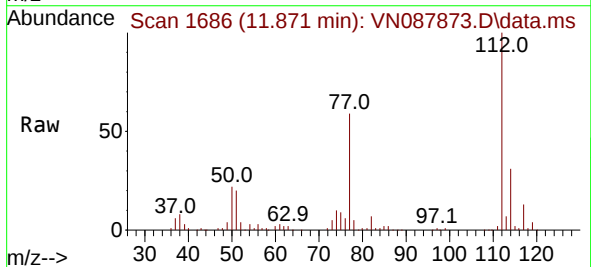
Instrument :
MSVOA_N
ClientSampleId :

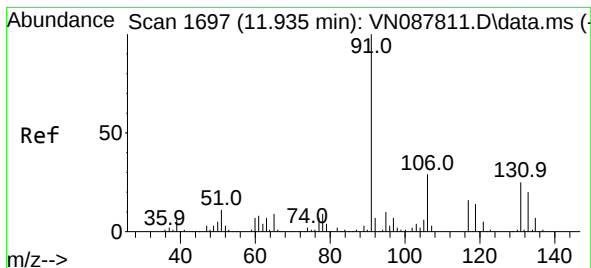
Tgt Ion: 98 Resp: 368817
Ion Ratio Lower Upper
98 100
100 64.2 50.6 76.0



#64
Chlorobenzene
Concen: 21.833 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087873.D
Acq: 17 Sep 2025 12:38

Tgt Ion: 112 Resp: 225101
Ion Ratio Lower Upper
112 100
114 31.4 23.5 35.3

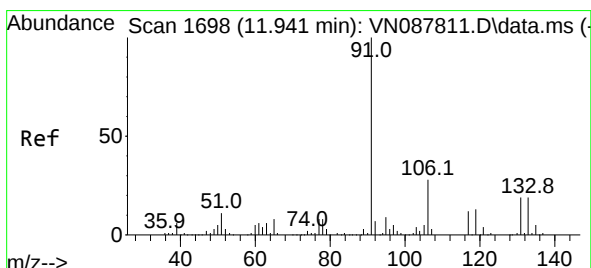
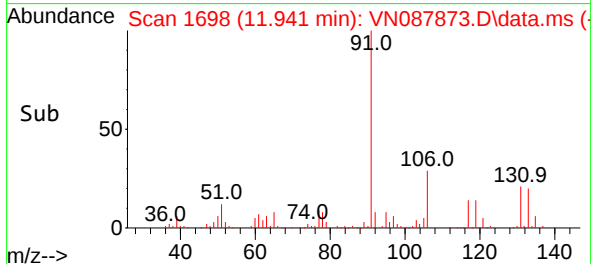
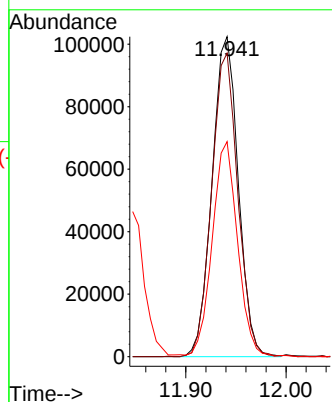
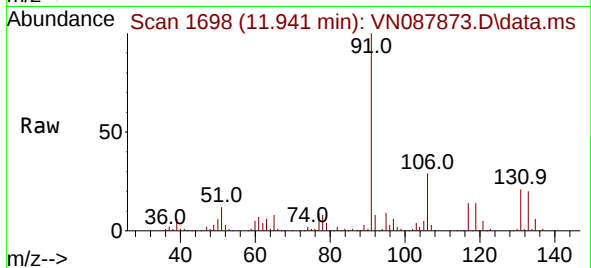




#65
1,1,1,2-Tetrachloroethane
Concen: 51.203 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VN087873.D
Acq: 17 Sep 2025 12:38

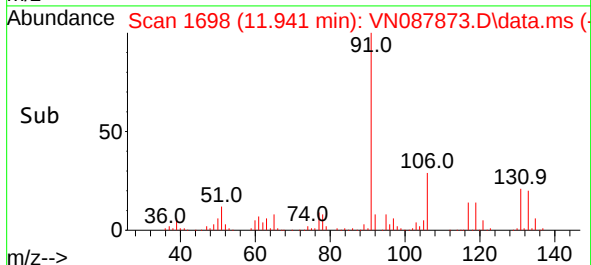
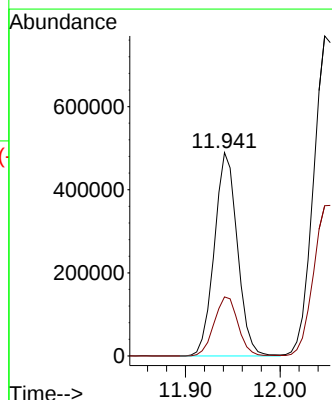
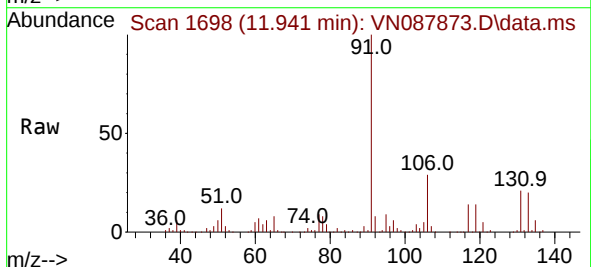
Instrument :
MSVOA_N
ClientSampleId :

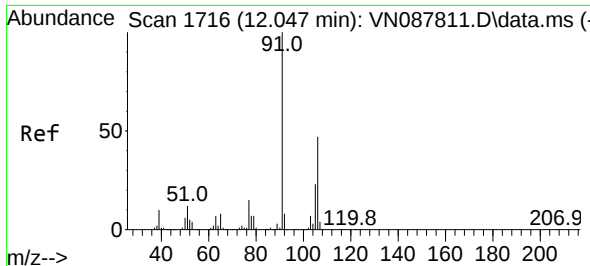
Tgt Ion:131 Resp: 185864
Ion Ratio Lower Upper
131 100
133 94.6 0.0 195.8
119 64.9 0.0 139.0



#66
Ethyl Benzene
Concen: 45.643 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087873.D
Acq: 17 Sep 2025 12:38

Tgt Ion: 91 Resp: 827192
Ion Ratio Lower Upper
91 100
106 29.0 21.3 31.9

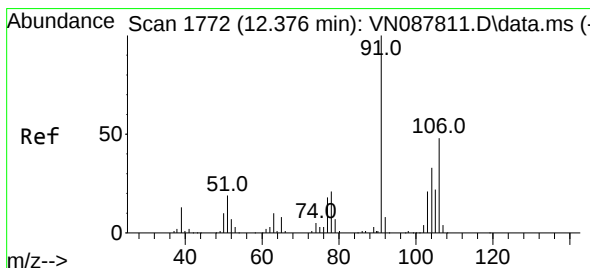
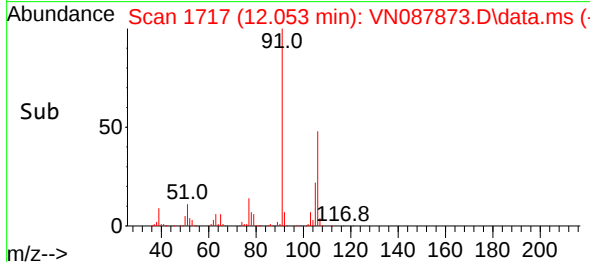
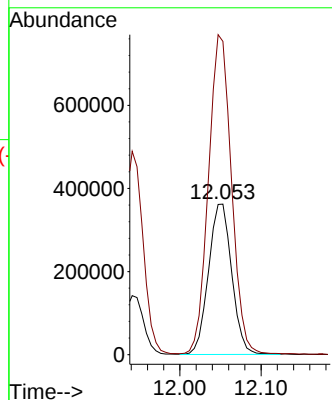
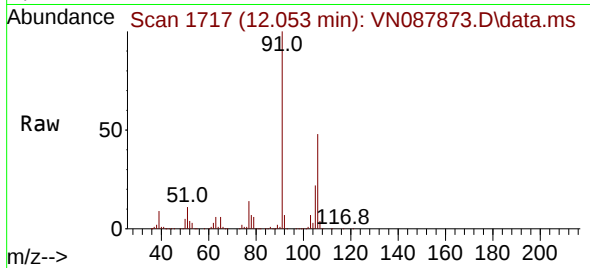




#67
m/p-Xylenes
Concen: 107.037 ug/l
RT: 12.053 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VN087873.D
Acq: 17 Sep 2025 12:38

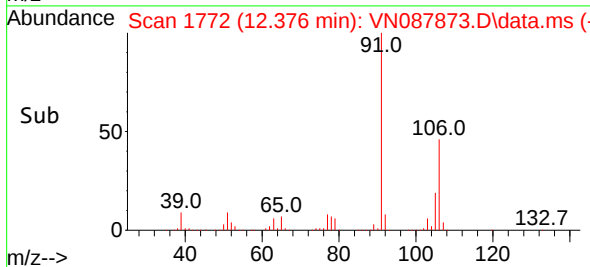
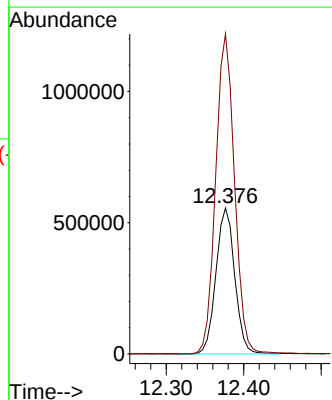
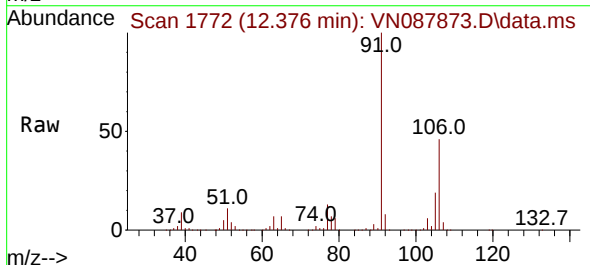
Instrument :
MSVOA_N
ClientSampleId :

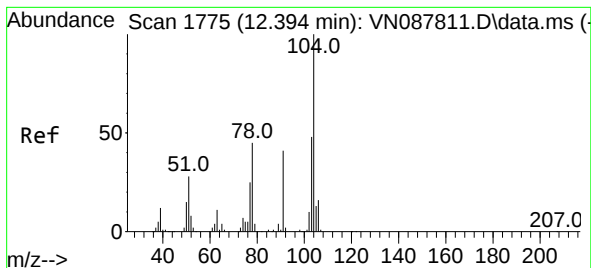
Tgt Ion:106 Resp: 720077
Ion Ratio Lower Upper
106 100
91 209.4 174.3 261.5



#68
o-Xylene
Concen: 143.670 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087873.D
Acq: 17 Sep 2025 12:38

Tgt Ion:106 Resp: 937122
Ion Ratio Lower Upper
106 100
91 219.9 107.7 323.3





#69

Styrene

Concen: 4.424 ug/l

RT: 12.376 min Scan# 11

Delta R.T. -0.012 min

Lab File: VN087873.D

Acq: 17 Sep 2025 12:38

Instrument :

MSVOA_N

ClientSampleId :

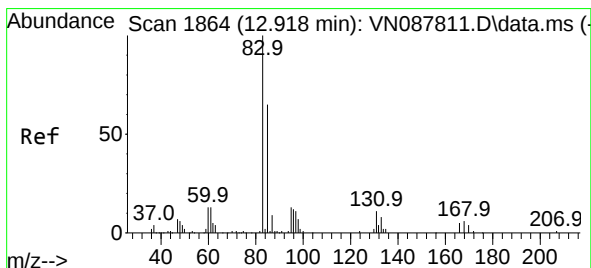
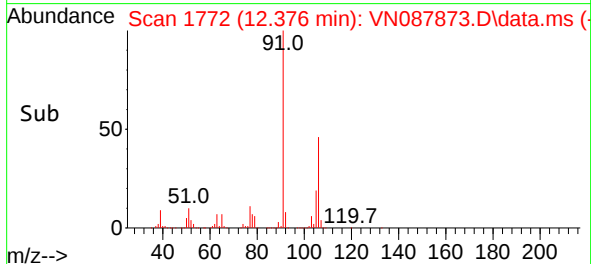
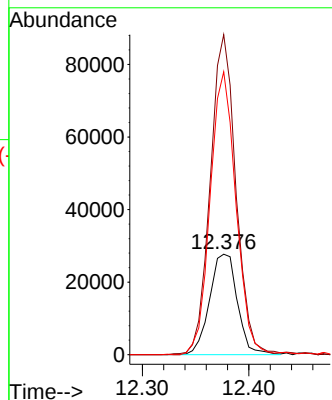
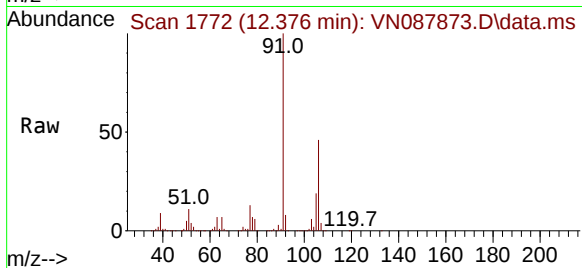
Tgt Ion:104 Resp: 50159

Ion Ratio Lower Upper

104 100

78 293.6 41.0 61.6#

103 260.5 44.6 66.8#



#71

1,1,2,2-Tetrachloroethane

Concen: 66.568 ug/l

RT: 12.918 min Scan# 1864

Delta R.T. -0.000 min

Lab File: VN087873.D

Acq: 17 Sep 2025 12:38

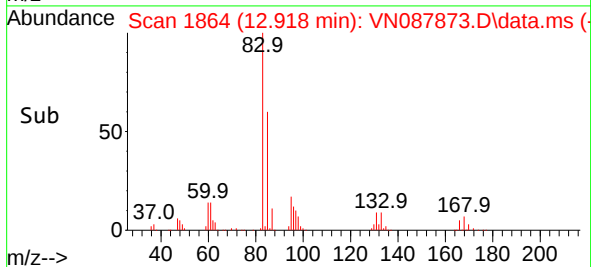
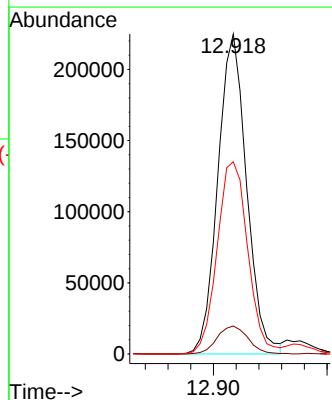
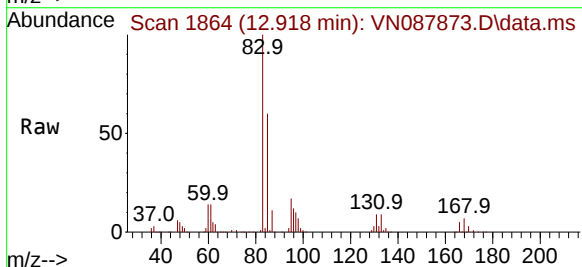
Tgt Ion: 83 Resp: 395797

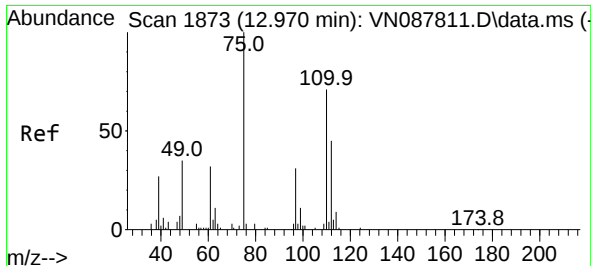
Ion Ratio Lower Upper

83 100

131 9.4 4.8 14.3

85 64.0 31.9 95.7

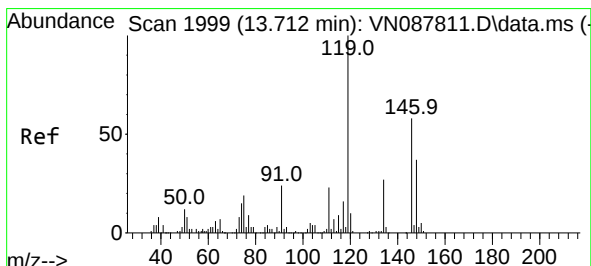
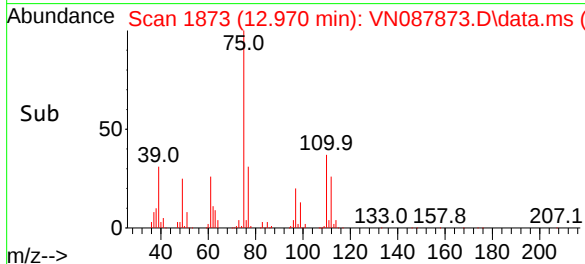
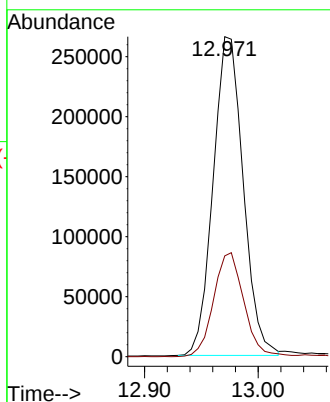
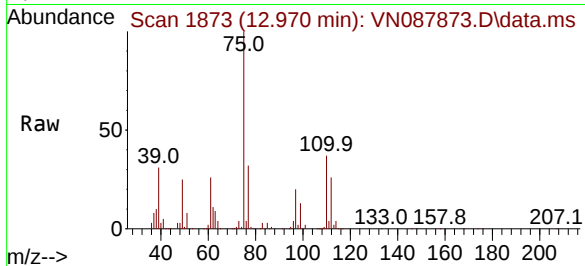




#72
1,2,3-Trichloropropane
Concen: 83.587 ug/l
RT: 12.970 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087873.D
Acq: 17 Sep 2025 12:38

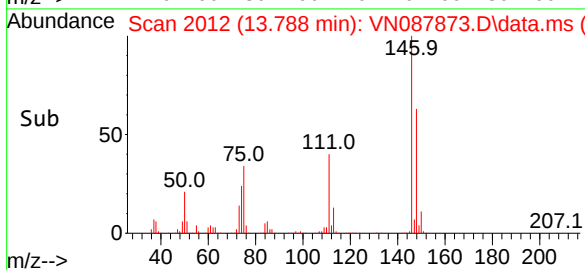
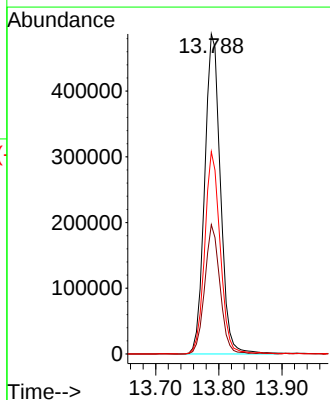
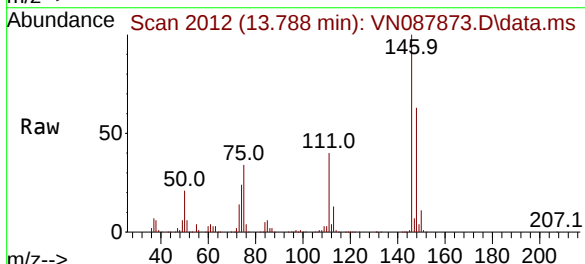
Instrument :
MSVOA_N
ClientSampleId :

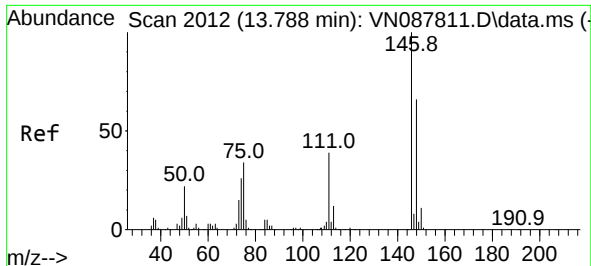
Tgt Ion: 75 Resp: 487981
Ion Ratio Lower Upper
75 100
77 32.9 0.0 378.8



#83
1,3-Dichlorobenzene
Concen: 108.319 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.076 min
Lab File: VN087873.D
Acq: 17 Sep 2025 12:38

Tgt Ion:146 Resp: 845011
Ion Ratio Lower Upper
146 100
111 38.8 21.1 63.4
148 61.8 31.0 93.0

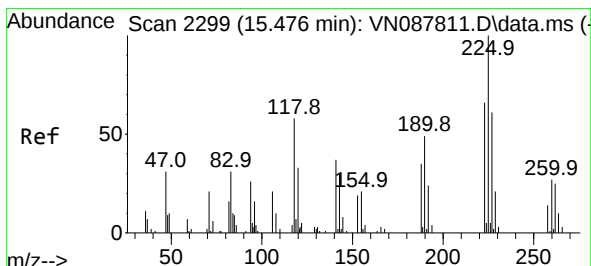
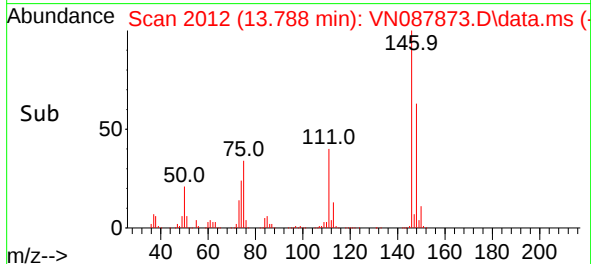
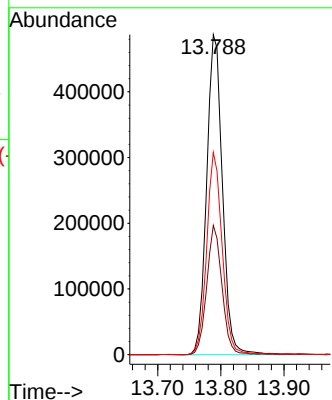
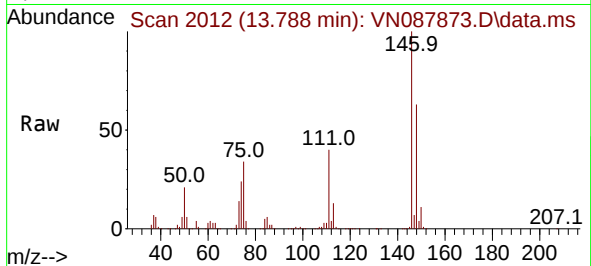




#84
1,4-Dichlorobenzene
Concen: 108.066 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN087873.D
Acq: 17 Sep 2025 12:38

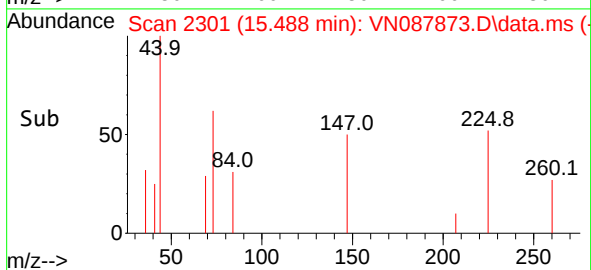
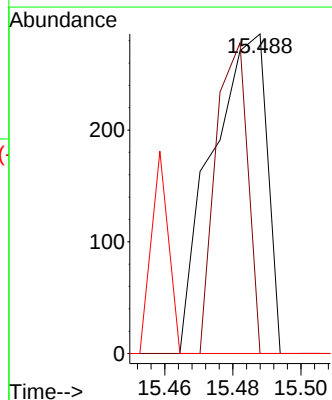
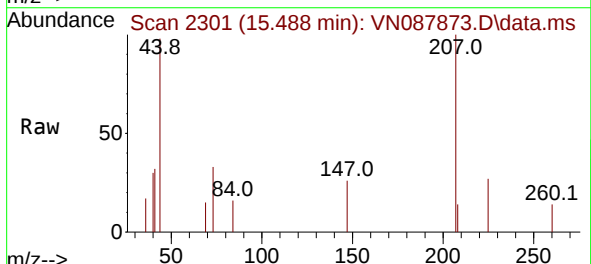
Instrument :
MSVOA_N
ClientSampleId :

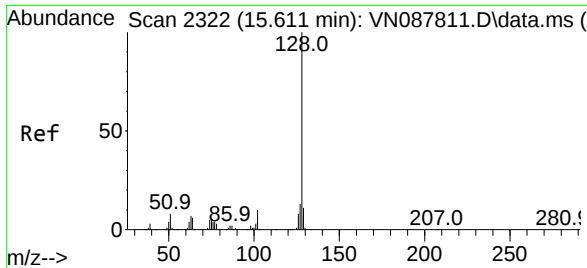
Tgt Ion:146 Resp: 845011
Ion Ratio Lower Upper
146 100
111 38.8 20.2 60.5
148 61.8 31.5 94.5



#90
Hexachlorobutadiene
Concen: 0.230 ug/l
RT: 15.488 min Scan# 2301
Delta R.T. 0.018 min
Lab File: VN087873.D
Acq: 17 Sep 2025 12:38

Tgt Ion:225 Resp: 322
Ion Ratio Lower Upper
225 100
223 56.2 0.0 118.2
227 0.0 0.0 139.0





#91

Naphthalene

Concen: 76.014 ug/l

RT: 15.611 min Scan# 21

Delta R.T. -0.000 min

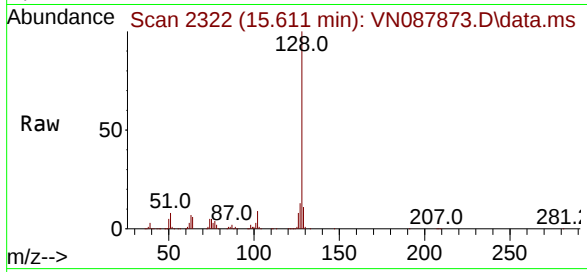
Lab File: VN087873.D

Acq: 17 Sep 2025 12:38

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:128 Resp: 1171082

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.4

129 10.9 8.3 12.5

