

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081825\
 Data File : VN087597.D
 Acq On : 18 Aug 2025 10:39
 Operator : JC\MD
 Sample : VN0818WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0818WBSD01

Quant Time: Aug 19 01:10:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 06 02:01:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.794	128	61980	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	351353	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	310931	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	168562	29.486	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.300%
60) 4-Bromofluorobenzene	12.829	95	154270	28.831	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	96.100%
63) Toluene-d8	10.547	98	424585	29.677	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.933%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	77926	19.257	ug/l	97
3) Chloromethane	2.383	50	74803	18.017	ug/l	94
4) Vinyl Chloride	2.542	62	81829	18.583	ug/l	98
5) Bromomethane	2.977	94	31773	13.330	ug/l #	77
6) Chloroethane	3.136	64	55862	19.673	ug/l	97
7) Trichlorofluoromethane	3.512	101	126427	19.949	ug/l	100
8) Diethyl Ether	3.959	74	51880	19.650	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.359	101	67984	21.036	ug/l	65
10) 1,1-Dichloroethene	4.336	96	69023	20.333	ug/l	98
11) Methyl Iodide	4.583	142	47583	17.802	ug/l	95
12) Methyl Acetate	5.018	43	123904	19.779	ug/l #	88
13) Acrolein	4.177	56	44979	47.011	ug/l	97
14) Acrylonitrile	5.706	53	252832	92.430	ug/l	98
15) Acetone	4.430	58	82979	106.169	ug/l	89
16) Carbon Disulfide	4.700	76	196852	18.695	ug/l	100
17) Allyl chloride	5.006	41	107862	15.589	ug/l	98
18) Methylene Chloride	5.265	84	80805	18.491	ug/l	87
19) trans-1,2-Dichloroethene	5.777	96	72827	18.041	ug/l	96
20) Diisopropyl ether	6.659	45	268713	17.048	ug/l	97
21) 1,1-Dichloroethane	6.553	63	144662	17.755	ug/l	98
22) cis-1,2-Dichloroethene	7.471	96	87968	17.711	ug/l	99
23) tert-Butyl Alcohol	5.524	59	105664	90.906	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	284424	18.388	ug/l	96
25) Chloroform	7.947	83	151920	17.863	ug/l	100
26) Cyclohexane	8.241	56	123852	18.986	ug/l #	99
29) 1,1-Dichloropropene	8.353	75	104689	18.268	ug/l	98
30) 2-Butanone	7.471	43	371747	88.006	ug/l	98
31) 2,2-Dichloropropane	7.477	77	130523	17.660	ug/l #	82
32) 1,1,1-Trichloroethane	8.153	97	134965	18.466	ug/l	93
33) Carbon Tetrachloride	8.347	117	111683	18.394	ug/l	98
34) Benzene	8.588	78	317782	17.567	ug/l	99
35) Methacrylonitrile	7.765	41	76749	16.837	ug/l	93
36) 1,2-Dichloroethane	8.653	62	127575	17.449	ug/l	100
37) Trichloroethene	9.329	130	74460	18.686	ug/l	88
38) Methylcyclohexane	9.582	83	122949	18.494	ug/l	99
39) 1,2-Dichloropropane	9.600	63	81585	17.590	ug/l	99
40) Dibromomethane	9.688	93	60461	17.374	ug/l	95
41) Bromodichloromethane	9.871	83	125125	17.304	ug/l #	98
42) Vinyl Acetate	6.594	43	1185689	85.235	ug/l	98

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 QLast Update : Wed Aug 06 02:01:21 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	141039	17.283	ug/l	95
44) Isopropyl Acetate	8.671	43	234275	16.936	ug/l	98
45) 1,4-Dioxane	9.682	88	34191	387.722	ug/l	99
46) Methyl methacrylate	9.665	41	109176	16.720	ug/l	91
47) n-amyl Acetate	12.529	43	18009	2.357	ug/l #	71
48) t-1,3-Dichloropropene	10.818	75	130700	16.614	ug/l	98
49) cis-1,3-Dichloropropene	10.294	75	135014	17.053	ug/l	97
50) 1,1,2-Trichloroethane	10.994	97	80093	18.217	ug/l	94
51) Ethyl methacrylate	10.853	69	135754	17.532	ug/l	91
52) 1,3-Dichloropropane	11.141	76	140443	17.730	ug/l	98
53) Dibromochloromethane	11.341	129	87438	17.220	ug/l	99
54) 1,2-Dibromoethane	11.447	107	84916	18.193	ug/l	99
55) 2-Chloroethyl vinyl ether	10.141	63	363591	89.196	ug/l	99
56) Bromoform	12.559	173	55564	16.544	ug/l #	99
58) 4-Methyl-2-Pentanone	10.429	43	721024	90.144	ug/l	99
59) 2-Hexanone	11.176	43	471315	86.724	ug/l	100
61) Tetrachloroethene	11.082	164	60467	19.961	ug/l	97
62) Toluene	10.612	91	345500	18.004	ug/l	99
64) Chlorobenzene	11.870	112	216777	18.383	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.941	131	74040	17.858	ug/l	99
66) Ethyl Benzene	11.941	91	383950	17.950	ug/l	100
67) m/p-Xylenes	12.053	106	283956	36.167	ug/l	97
68) o-Xylene	12.376	106	136790	17.709	ug/l	97
69) Styrene	12.394	104	231079	17.521	ug/l	99
70) Isopropylbenzene	12.676	105	359719	18.331	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.917	83	124913	18.578	ug/l	99
72) 1,2,3-Trichloropropane	12.970	75	146567	23.399	ug/l	64
73) Bromobenzene	12.959	156	83683	18.395	ug/l	96
74) n-propylbenzene	13.012	91	453083	18.487	ug/l	100
75) 2-Chlorotoluene	13.106	91	267207	17.725	ug/l	98
76) 1,3,5-Trimethylbenzene	13.153	105	304513	18.123	ug/l	99
77) t-1,4-Dichloro-2-butene	12.723	75	23545	9.930	ug/l	89
78) 4-Chlorotoluene	13.200	91	278322	18.218	ug/l	98
79) tert-butylbenzene	13.417	119	261728	18.475	ug/l	98
80) 1,2,4-Trimethylbenzene	13.459	105	312997	18.643	ug/l	98
81) sec-Butylbenzene	13.594	105	387428	18.786	ug/l	99
82) p-Isopropyltoluene	13.706	119	323351	18.883	ug/l	100
83) 1,3-Dichlorobenzene	13.712	146	160385	18.514	ug/l	98
84) 1,4-Dichlorobenzene	13.788	146	166757	18.987	ug/l	98
85) n-Butylbenzene	14.035	91	319419	19.066	ug/l	97
86) Hexachloroethane	14.311	117	53120	15.886	ug/l	96
87) 1,2-Dichlorobenzene	14.088	146	156074	18.875	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.700	75	30197	17.728	ug/l	93
89) 1,2,4-Trichlorobenzene	15.811	180	91292	18.473	ug/l	99
90) Hexachlorobutadiene	15.476	225	35687	18.571	ug/l	95
91) Naphthalene	15.617	128	348710	18.506	ug/l	99
92) 1,2,3-Trichlorobenzene	15.811	180	91292	18.473	ug/l	99

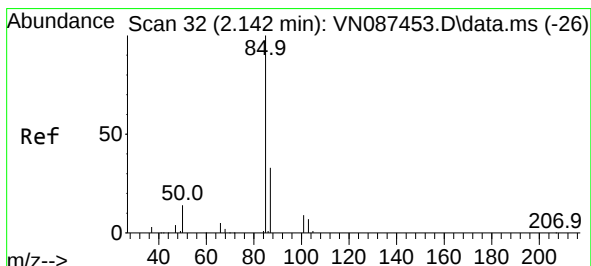
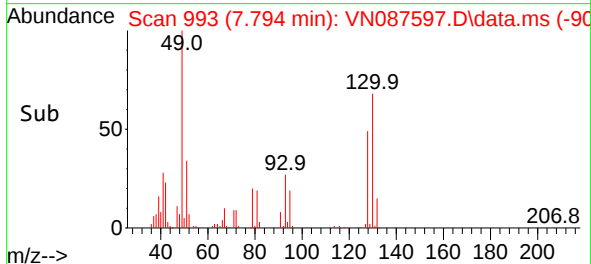
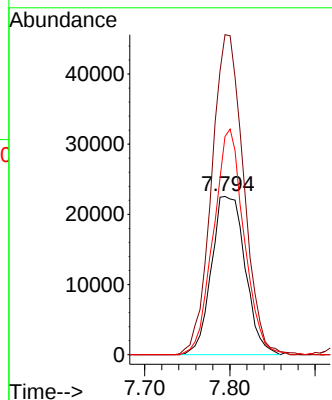
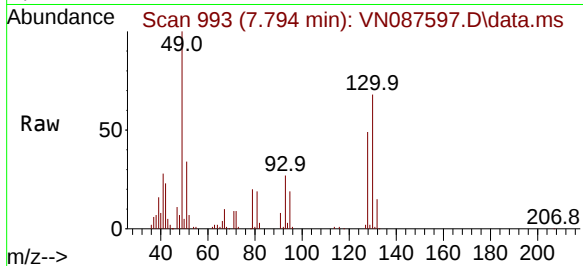
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

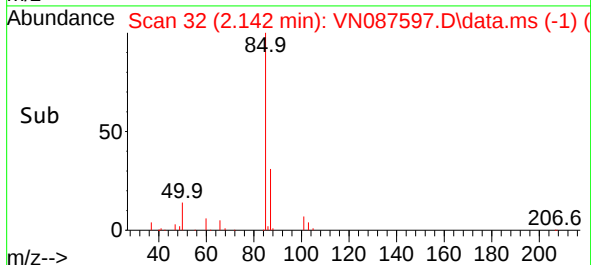
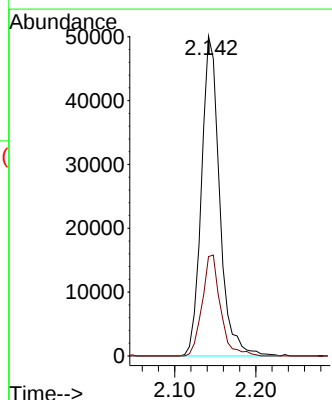
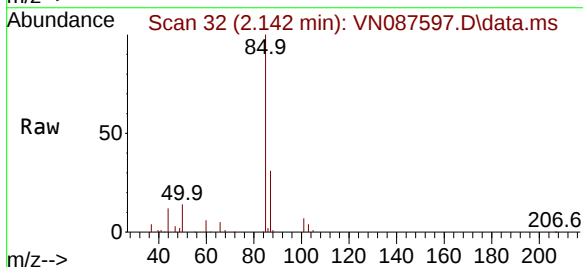
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBSD01

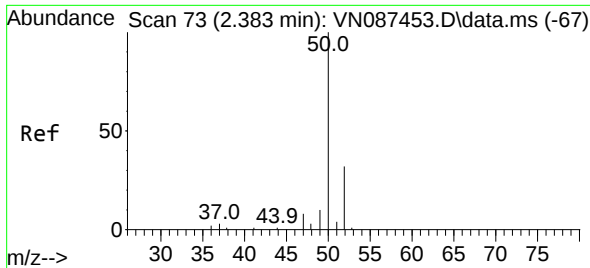
Tgt Ion:128 Resp: 61980
Ion Ratio Lower Upper
128 100
49 192.8 0.0 494.8
130 129.5 0.0 321.5



#2
Dichlorodifluoromethane
Concen: 19.257 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Tgt Ion: 85 Resp: 77926
Ion Ratio Lower Upper
85 100
87 31.1 16.4 49.2

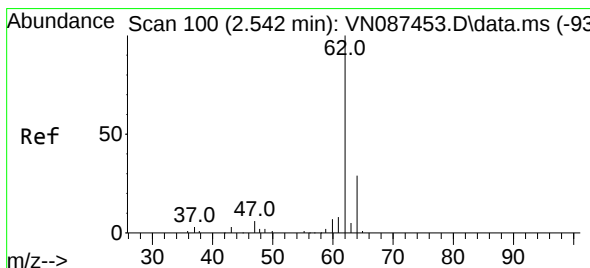
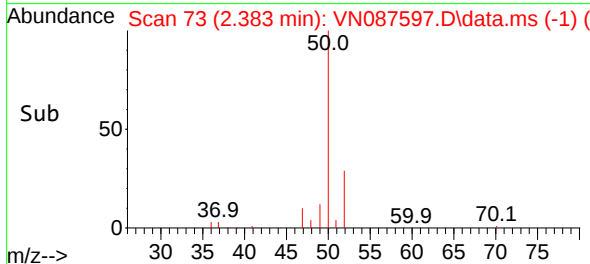
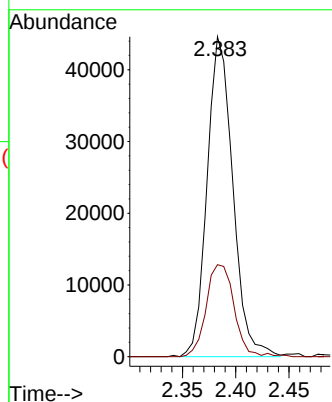
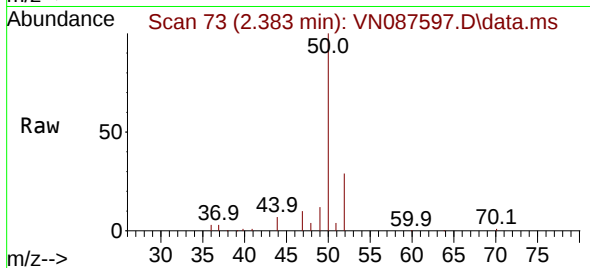




#3
Chloromethane
Concen: 18.017 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

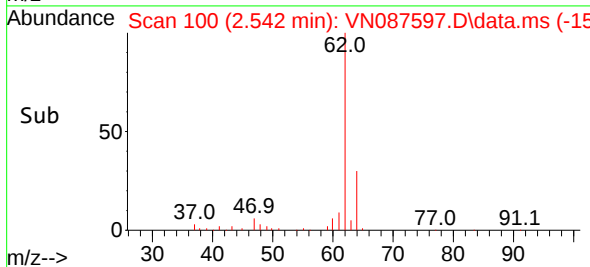
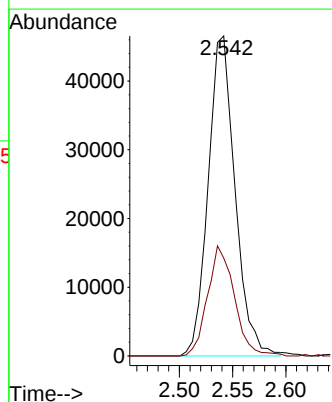
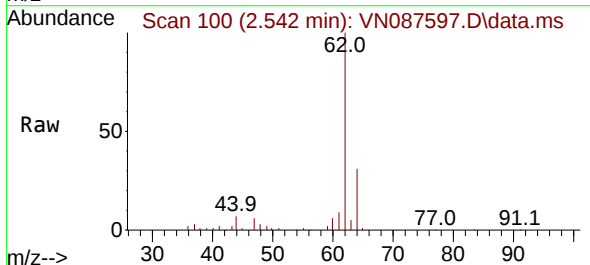
Instrument :
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ClientSampleId :
VN0818WBSD01

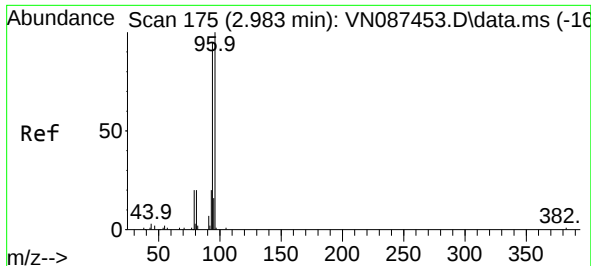
Tgt Ion: 50 Resp: 74803
Ion Ratio Lower Upper
50 100
52 28.8 25.8 38.6



#4
Vinyl Chloride
Concen: 18.583 ug/l
RT: 2.542 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Tgt Ion: 62 Resp: 81829
Ion Ratio Lower Upper
62 100
64 30.6 23.4 35.2

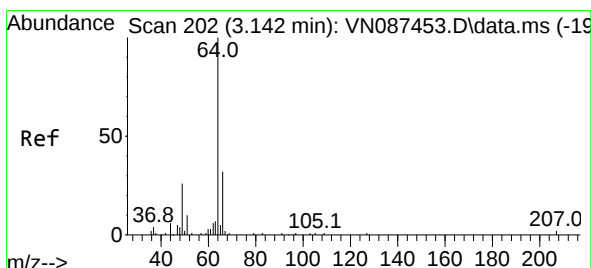
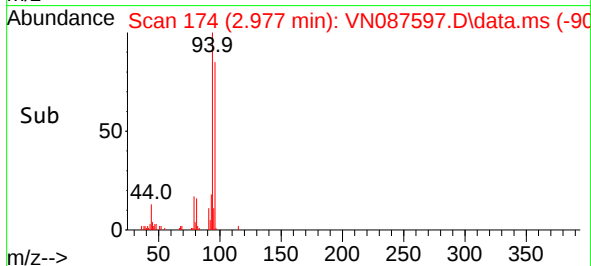
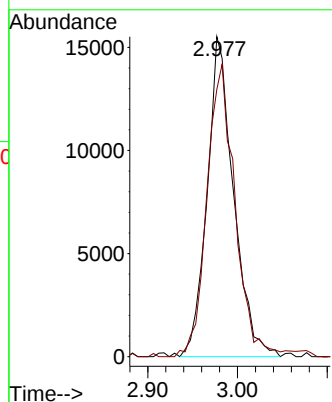
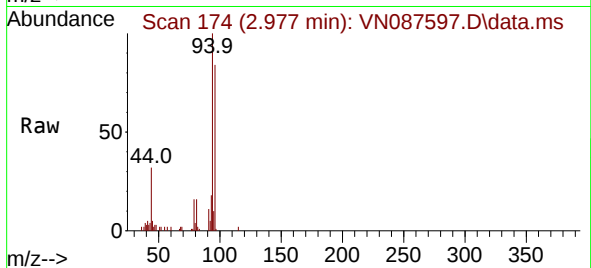




#5
Bromomethane
Concen: 13.330 ug/l
RT: 2.977 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

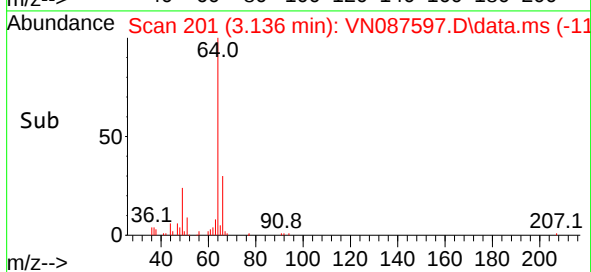
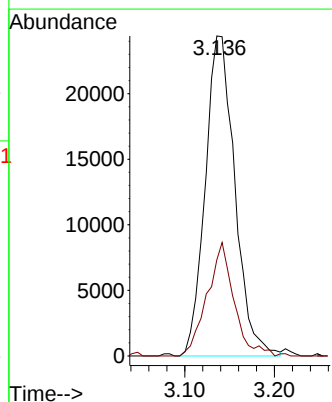
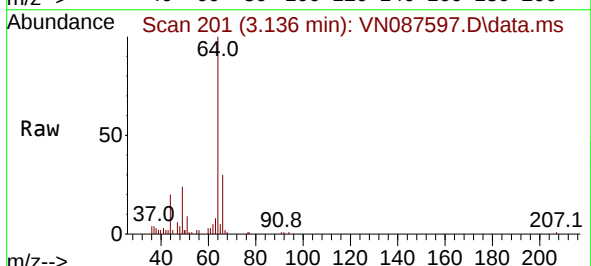
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ClientSampleId :
VN0818WBSD01

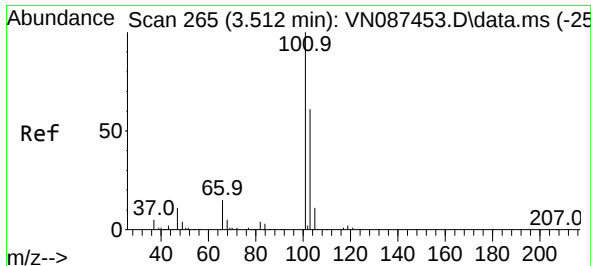
Tgt Ion: 94 Resp: 31773
Ion Ratio Lower Upper
94 100
96 82.1 84.2 126.4#



#6
Chloroethane
Concen: 19.673 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.006 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Tgt Ion: 64 Resp: 55862
Ion Ratio Lower Upper
64 100
66 30.0 25.4 38.0

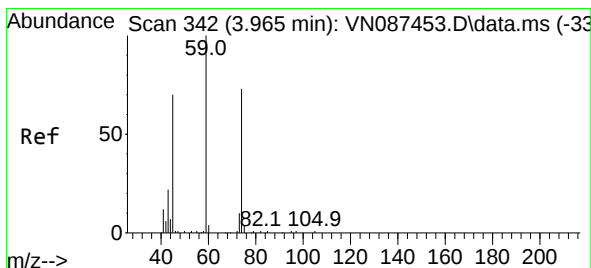
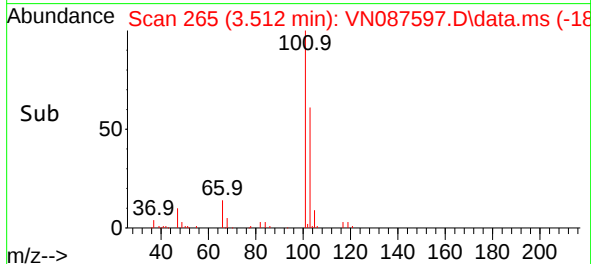
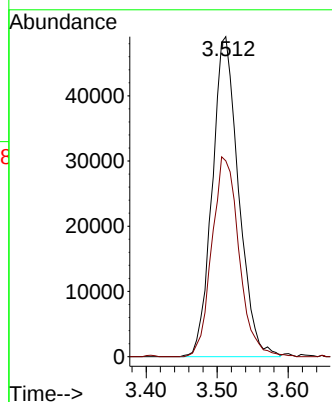
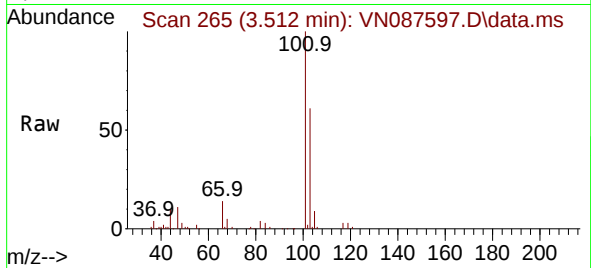




#7
 Trichlorofluoromethane
 Concen: 19.949 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN087597.D
 Acq: 18 Aug 2025 10:39

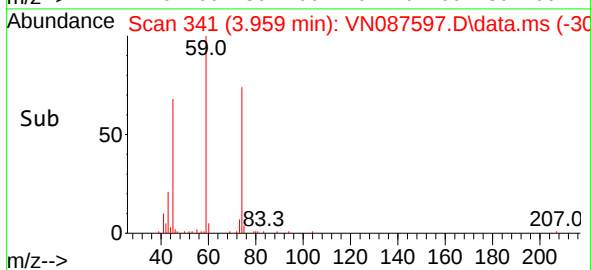
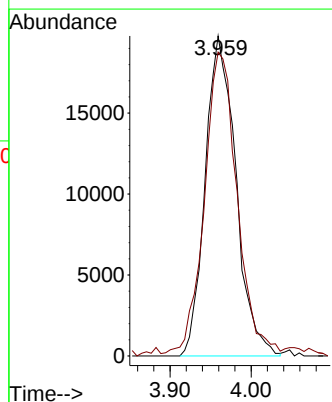
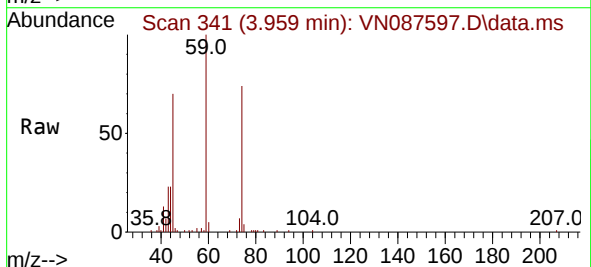
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Tgt Ion:101 Resp: 126427
 Ion Ratio Lower Upper
 101 100
 103 61.2 49.2 73.8



#8
 Diethyl Ether
 Concen: 19.650 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN087597.D
 Acq: 18 Aug 2025 10:39

Tgt Ion: 74 Resp: 51880
 Ion Ratio Lower Upper
 74 100
 45 100.3 20.1 180.9

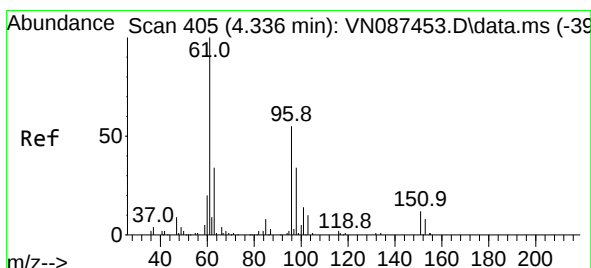
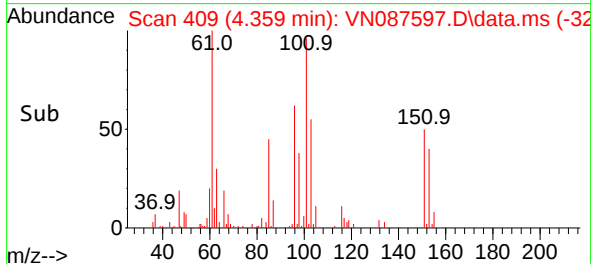
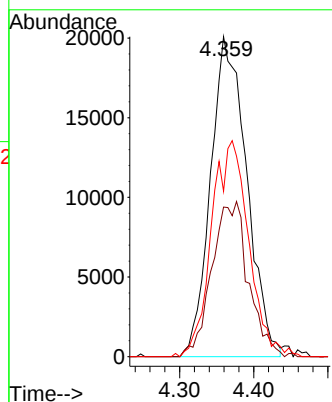
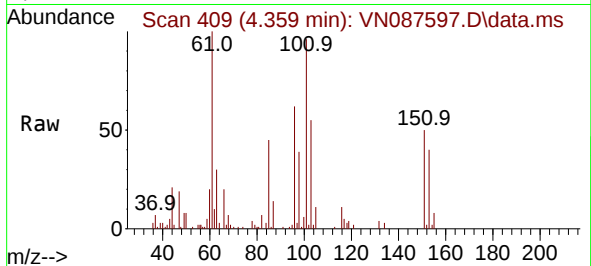




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.036 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.012 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

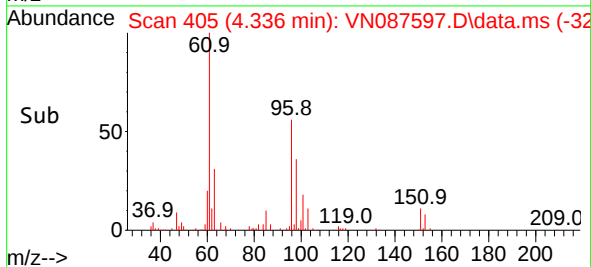
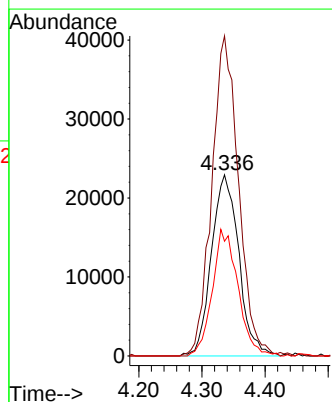
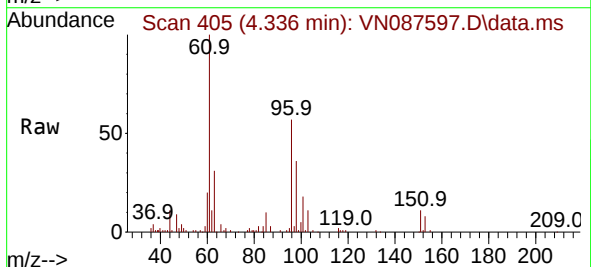
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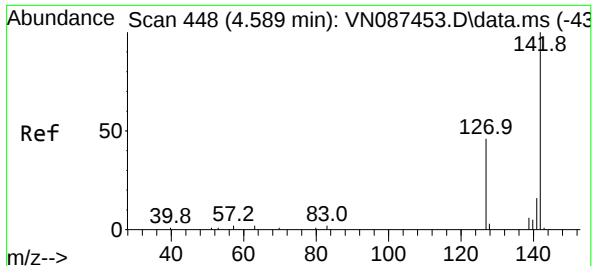
Tgt Ion:101 Resp: 67984
Ion Ratio Lower Upper
101 100
85 29.1 0.0 57.0
151 27.1 0.0 134.2



#10
1,1-Dichloroethene
Concen: 20.333 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Tgt Ion: 96 Resp: 69023
Ion Ratio Lower Upper
96 100
61 176.6 144.2 216.4
98 63.3 49.7 74.5

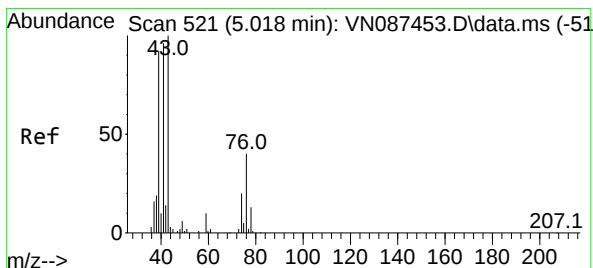
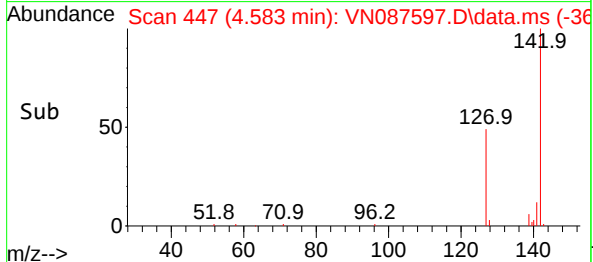
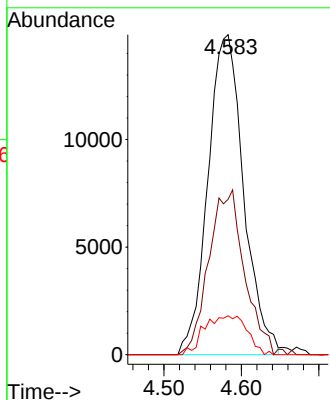
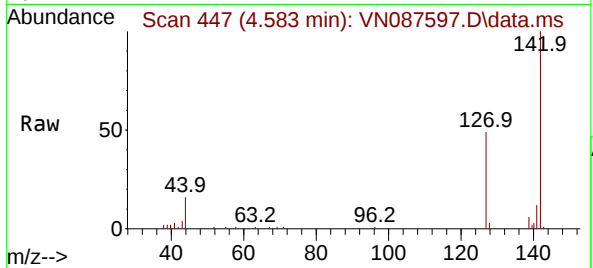




#11
Methyl Iodide
Concen: 17.802 ug/l
RT: 4.583 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

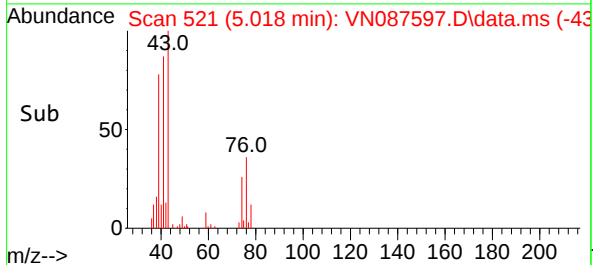
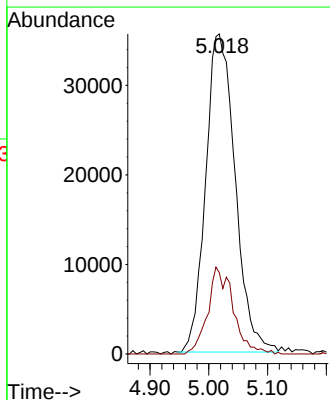
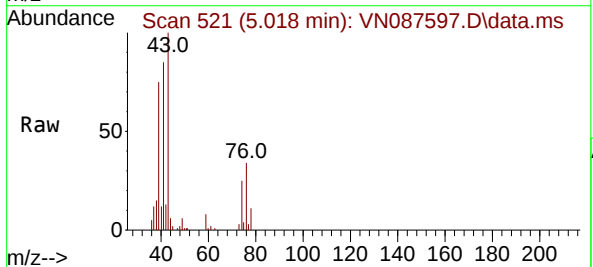
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBSD01

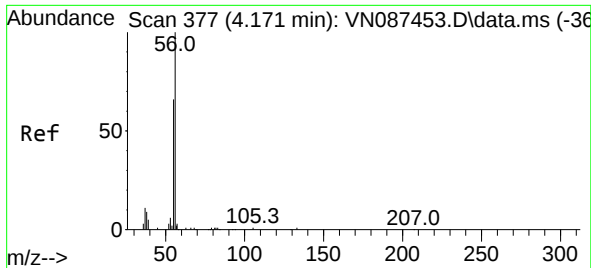
Tgt Ion:142 Resp: 47583
Ion Ratio Lower Upper
142 100
127 48.2 22.9 68.7
141 12.3 7.7 23.1



#12
Methyl Acetate
Concen: 19.779 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Tgt Ion: 43 Resp: 123904
Ion Ratio Lower Upper
43 100
74 25.3 16.0 24.0#

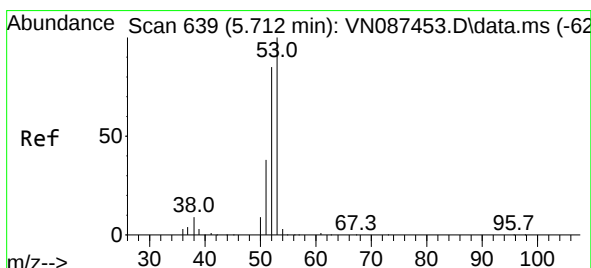
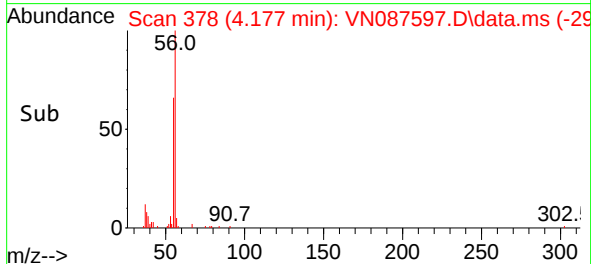
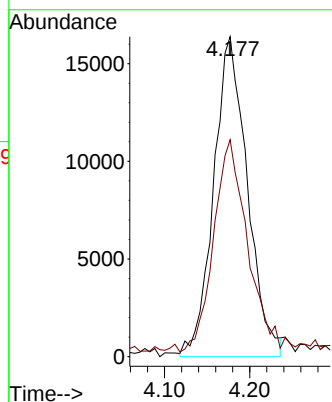
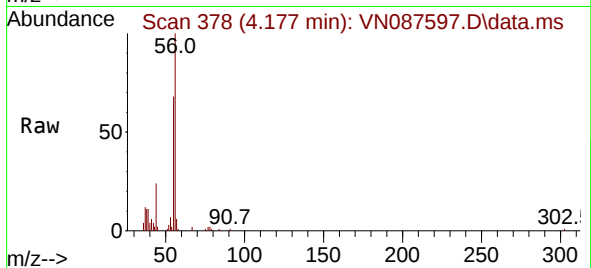




#13
Acrolein
Concen: 47.011 ug/l
RT: 4.177 min Scan# 377
Delta R.T. 0.006 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

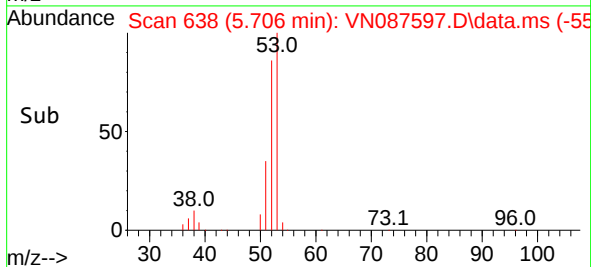
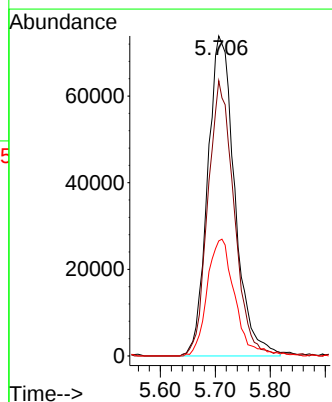
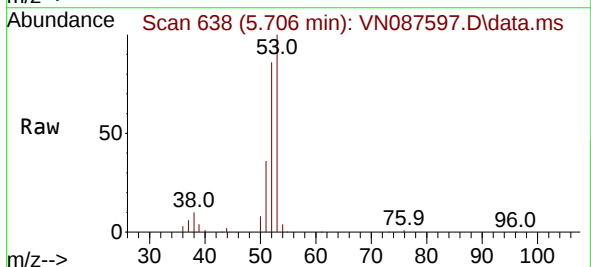
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBSD01

Tgt Ion: 56 Resp: 44979
Ion Ratio Lower Upper
56 100
55 68.9 57.4 86.0



#14
Acrylonitrile
Concen: 92.430 ug/l
RT: 5.706 min Scan# 638
Delta R.T. -0.006 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Tgt Ion: 53 Resp: 252832
Ion Ratio Lower Upper
53 100
52 82.7 42.4 127.2
51 36.4 18.5 55.5

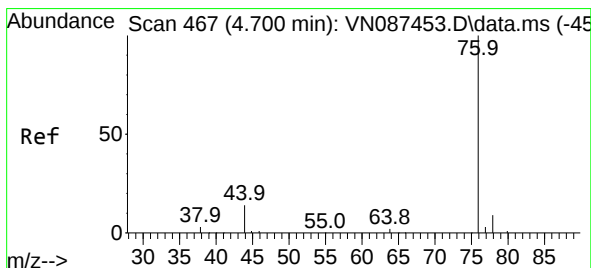
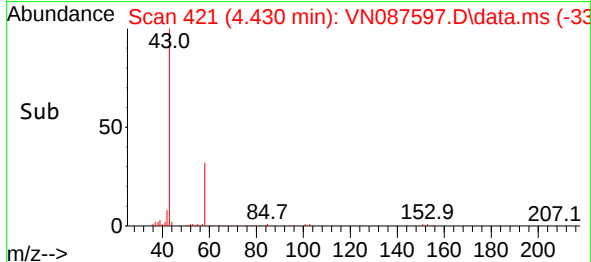
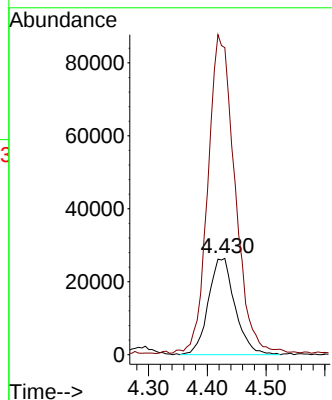
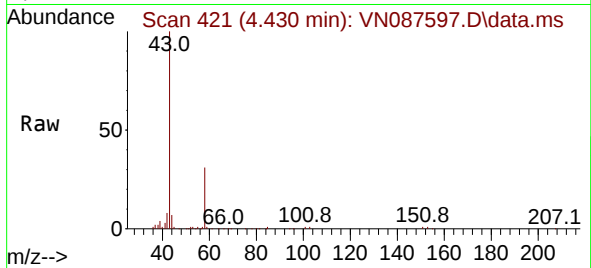




#15
Acetone
Concen: 106.169 ug/l
RT: 4.430 min Scan# 419
Delta R.T. 0.012 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

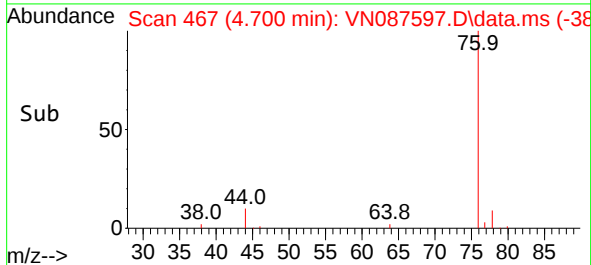
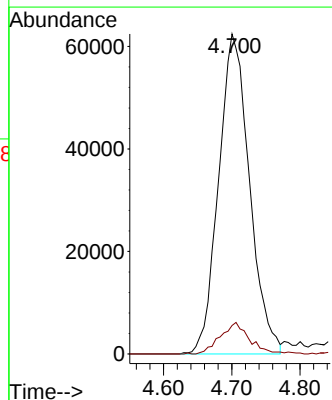
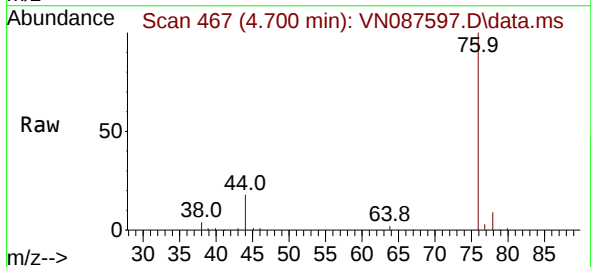
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBSD01

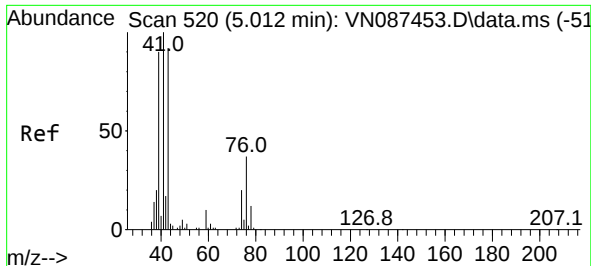
Tgt Ion: 58 Resp: 82979
Ion Ratio Lower Upper
58 100
43 313.8 268.9 403.3



#16
Carbon Disulfide
Concen: 18.695 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Tgt Ion: 76 Resp: 196852
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7

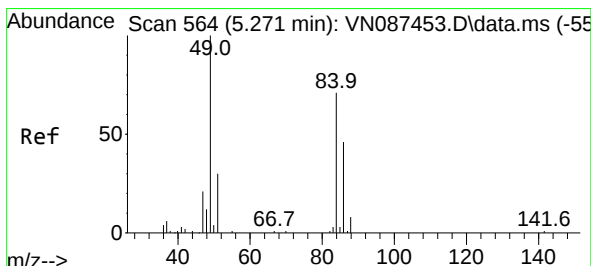
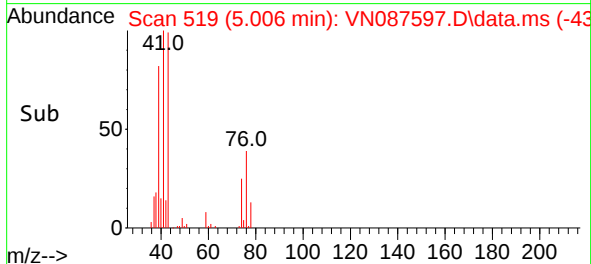
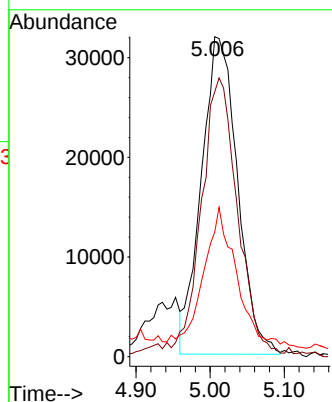
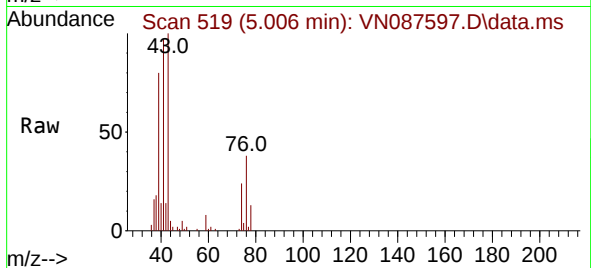




#17
Allyl chloride
Concen: 15.589 ug/l
RT: 5.006 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

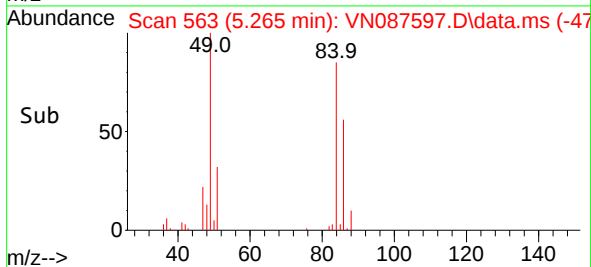
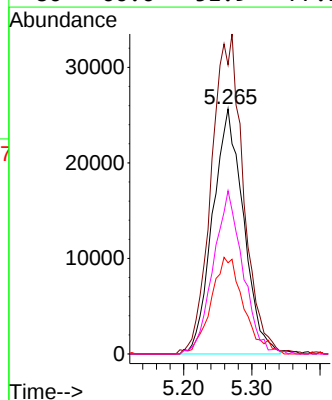
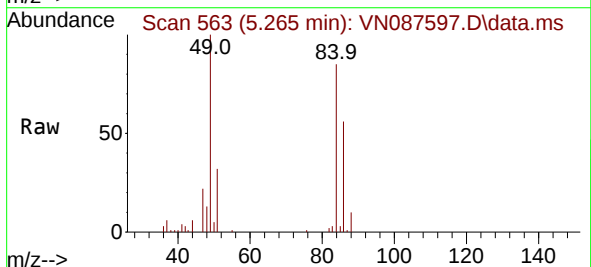
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBSD01

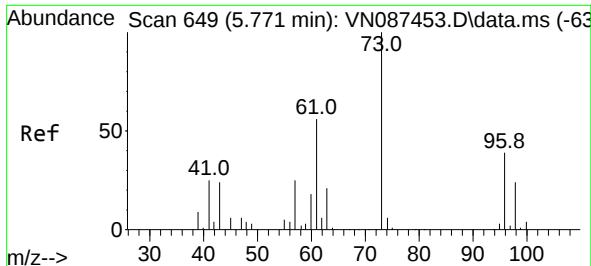
Tgt Ion: 41 Resp: 107862
Ion Ratio Lower Upper
41 100
39 82.8 42.4 127.2
76 35.5 16.9 50.6



#18
Methylene Chloride
Concen: 18.491 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.006 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Tgt Ion: 84 Resp: 80805
Ion Ratio Lower Upper
84 100
49 116.8 112.9 169.3
51 37.2 33.8 50.8
86 66.6 51.9 77.9

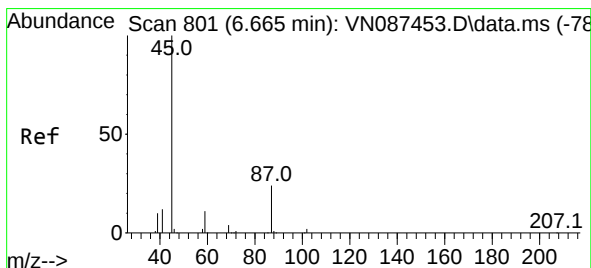
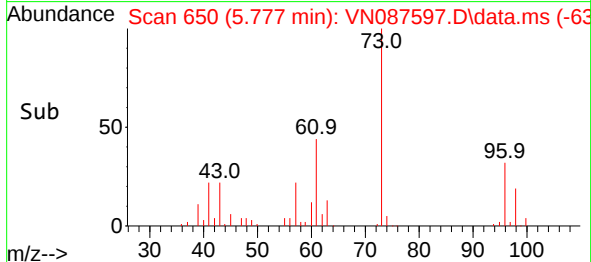
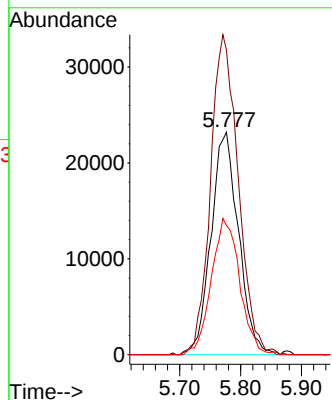
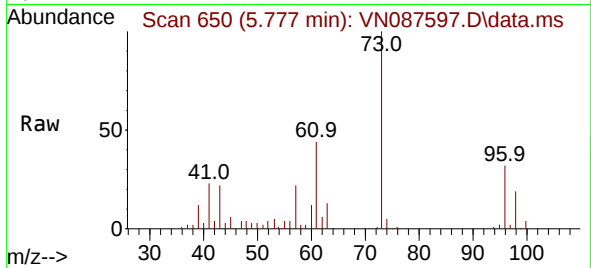




#19
trans-1,2-Dichloroethene
Concen: 18.041 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

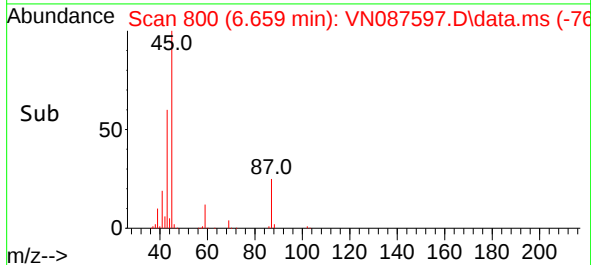
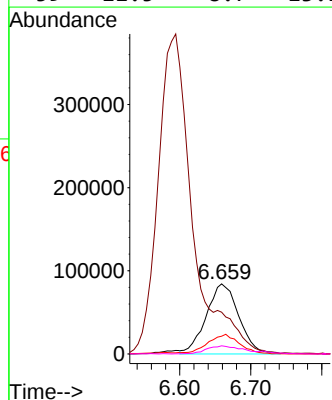
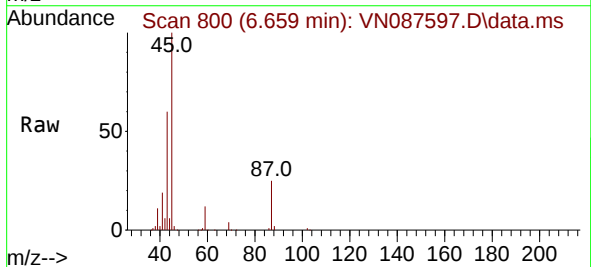
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBSD01

Tgt Ion: 96 Resp: 72827
Ion Ratio Lower Upper
96 100
61 136.9 114.2 171.4
98 58.0 48.7 73.1



#20
Diisopropyl ether
Concen: 17.048 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.006 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Tgt Ion: 45 Resp: 268713
Ion Ratio Lower Upper
45 100
43 59.1 44.7 67.1
87 25.3 20.2 30.2
59 11.5 8.7 13.1

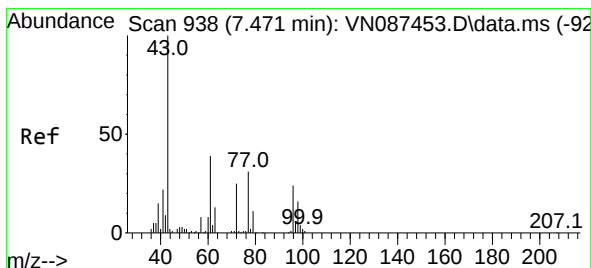
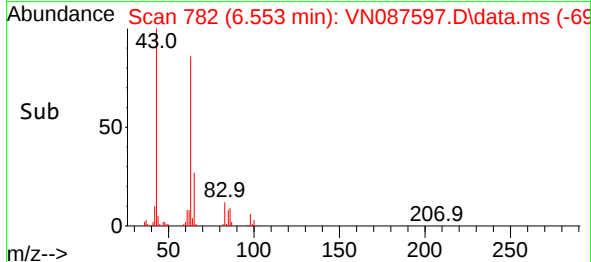
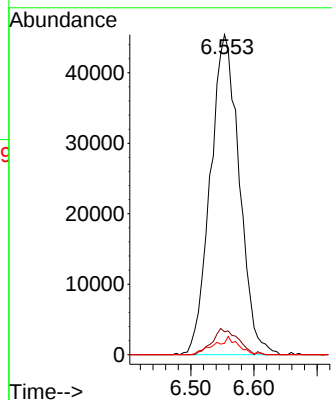
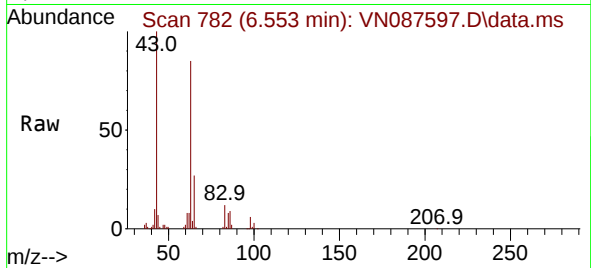




#21
1,1-Dichloroethane
Concen: 17.755 ug/l
RT: 6.553 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

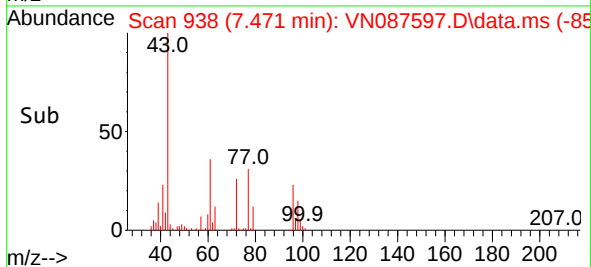
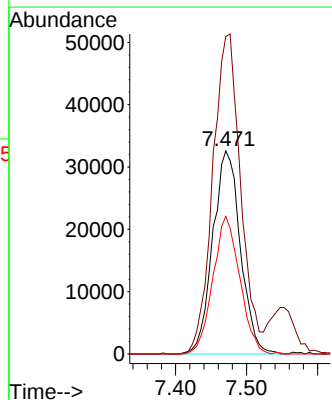
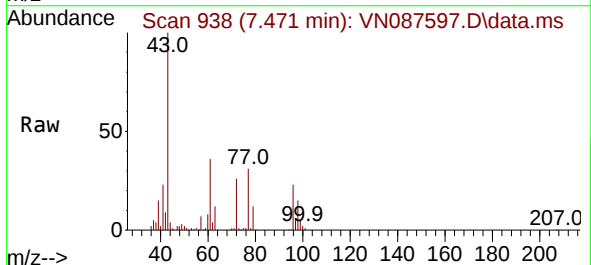
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBSD01

Tgt Ion: 63 Resp: 144662
Ion Ratio Lower Upper
63 100
98 7.2 3.0 9.0
100 3.6 1.9 5.7



#22
cis-1,2-Dichloroethene
Concen: 17.711 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Tgt Ion: 96 Resp: 87968
Ion Ratio Lower Upper
96 100
61 159.3 126.6 190.0
98 65.8 50.9 76.3

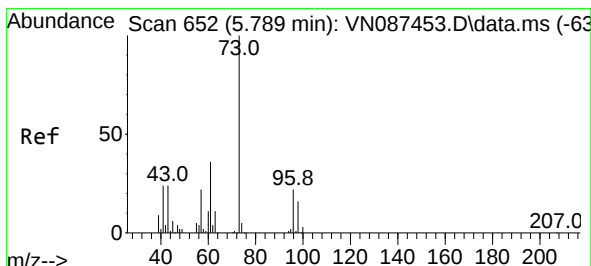
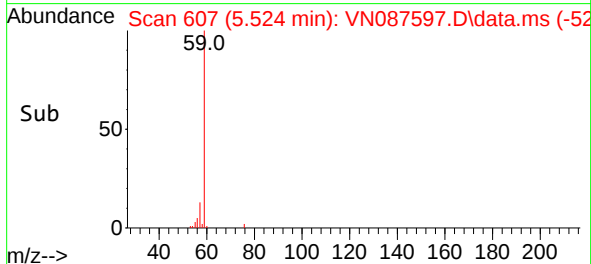
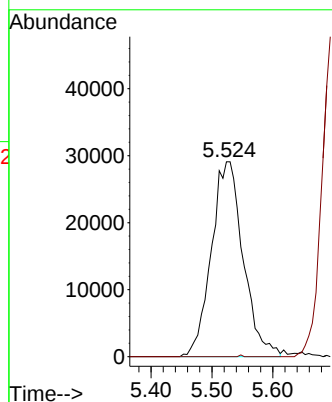
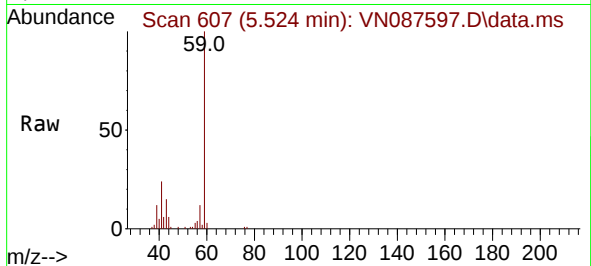




#23
tert-Butyl Alcohol
Concen: 90.906 ug/l
RT: 5.524 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

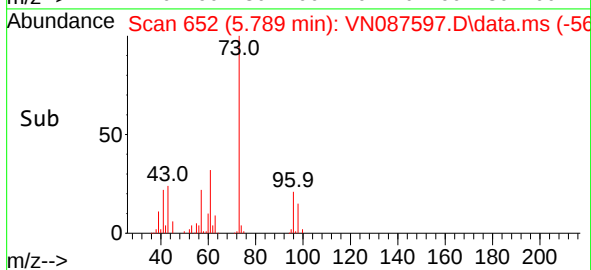
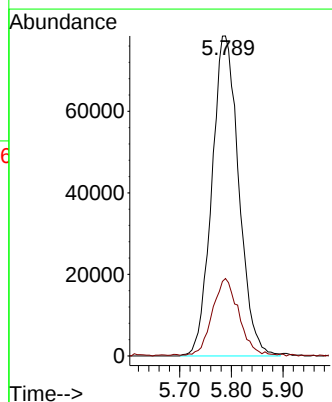
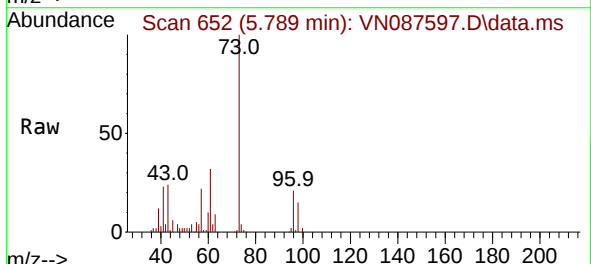
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBSD01

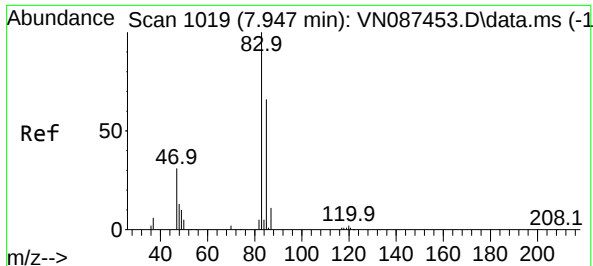
Tgt Ion: 59 Resp: 105664
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 18.388 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Tgt Ion: 73 Resp: 284424
Ion Ratio Lower Upper
73 100
43 22.9 19.9 29.9





#25

Chloroform

Concen: 17.863 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VN087597.D

Acq: 18 Aug 2025 10:39

Instrument :

MSVOA_N

ClientSampleId :

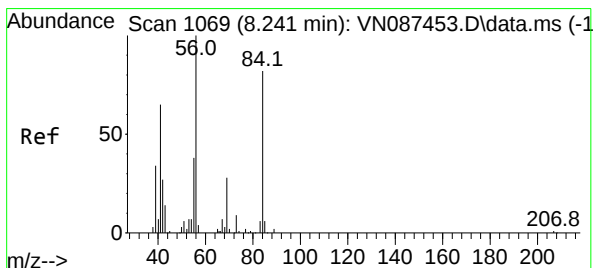
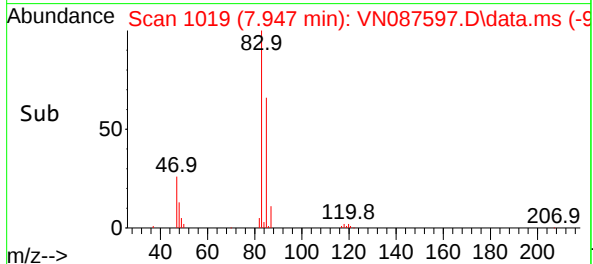
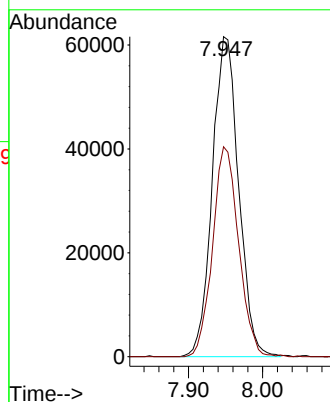
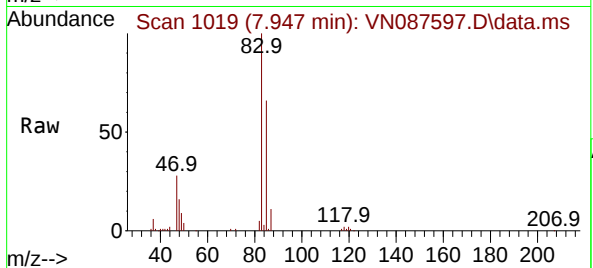
VN0818WBSD01

Tgt Ion: 83 Resp: 151920

Ion Ratio Lower Upper

83 100

85 65.6 52.6 78.8



#26

Cyclohexane

Concen: 18.986 ug/l

RT: 8.241 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VN087597.D

Acq: 18 Aug 2025 10:39

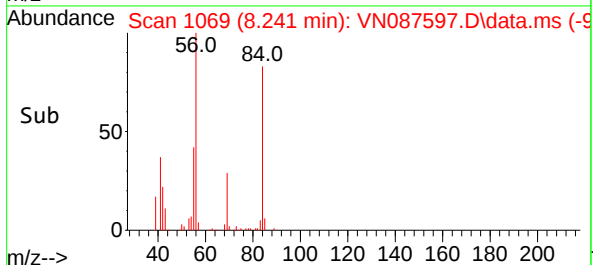
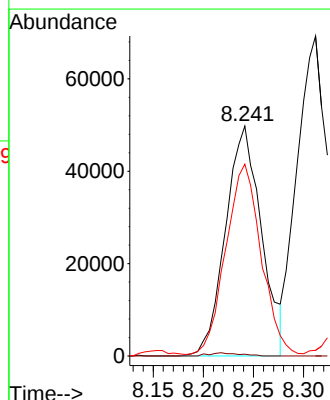
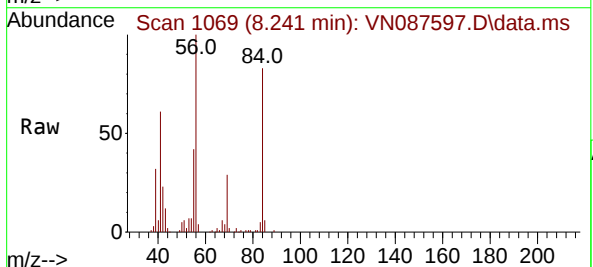
Tgt Ion: 56 Resp: 123852

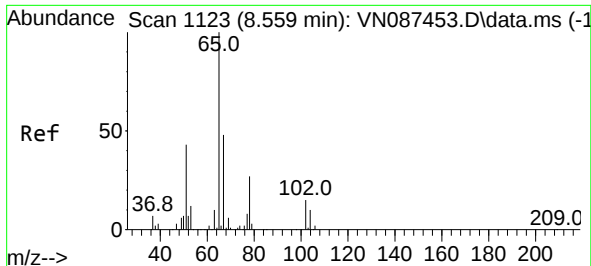
Ion Ratio Lower Upper

56 100

89 1.0 2.3 3.5#

84 83.0 67.0 100.4

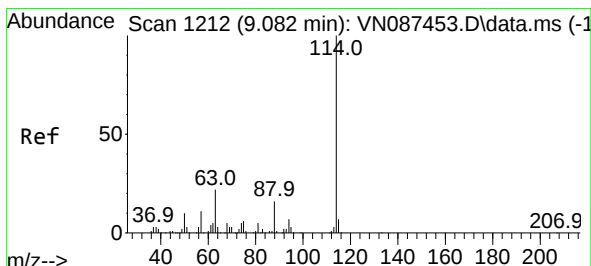
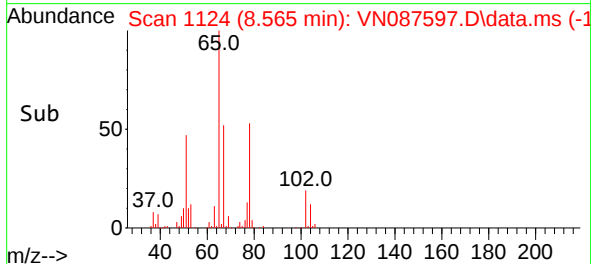
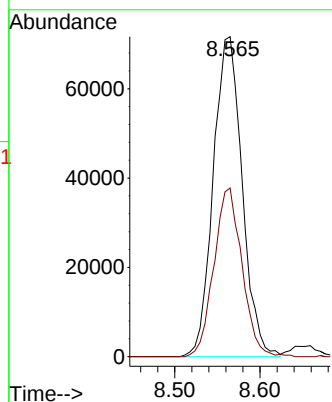
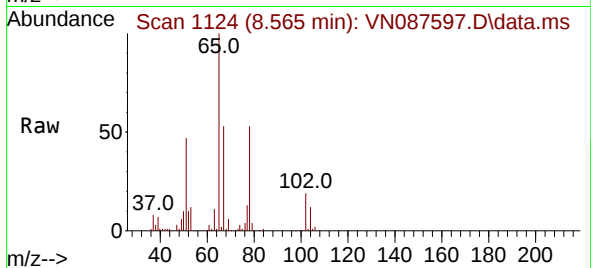




#27
 1,2-Dichloroethane-d4
 Concen: 29.486 ug/l
 RT: 8.565 min Scan# 1124
 Delta R.T. 0.006 min
 Lab File: VN087597.D
 Acq: 18 Aug 2025 10:39

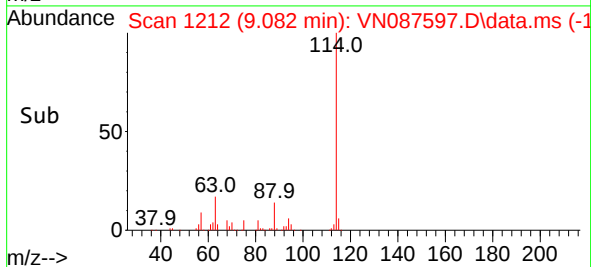
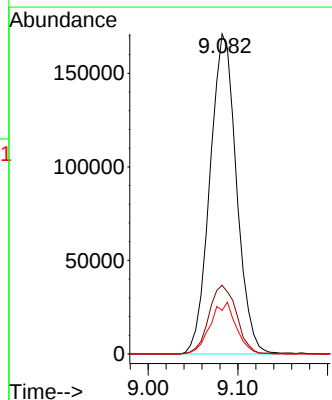
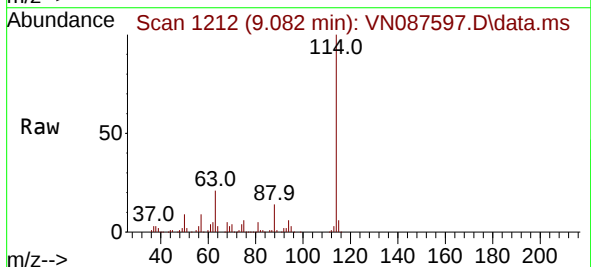
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0818WBSD01

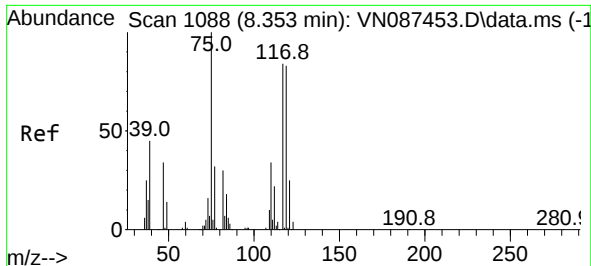
Tgt Ion: 65 Resp: 168562
 Ion Ratio Lower Upper
 65 100
 67 51.1 40.8 61.2



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.082 min Scan# 1212
 Delta R.T. -0.000 min
 Lab File: VN087597.D
 Acq: 18 Aug 2025 10:39

Tgt Ion: 114 Resp: 351353
 Ion Ratio Lower Upper
 114 100
 63 22.2 18.9 28.3
 88 15.8 13.1 19.7

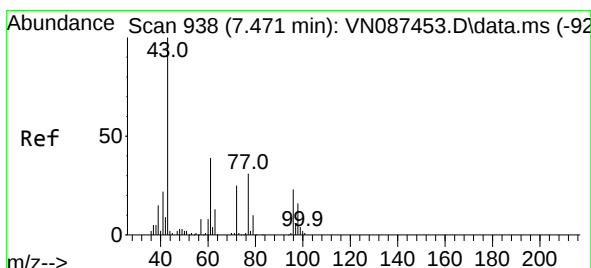
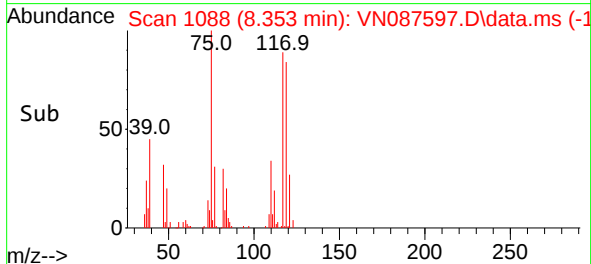
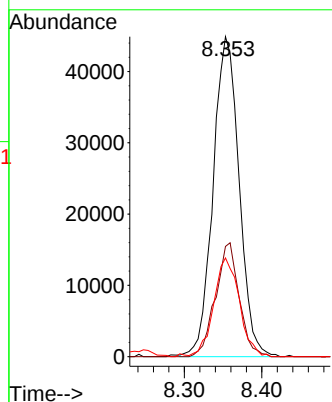
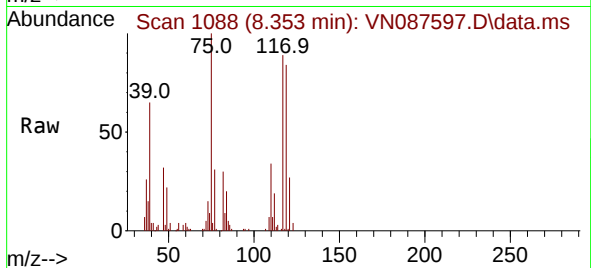




#29
1,1-Dichloropropene
Concen: 18.268 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

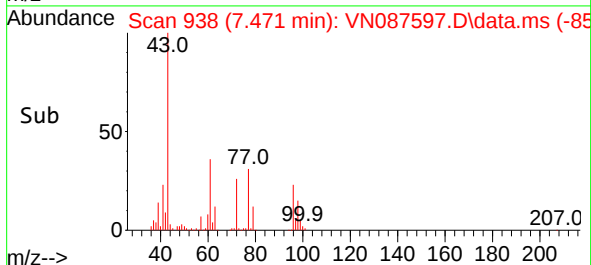
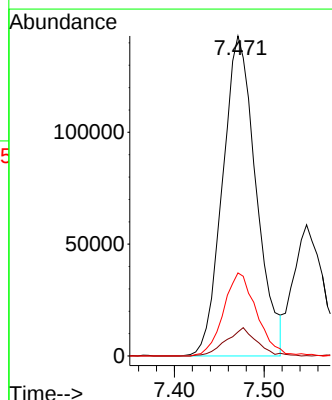
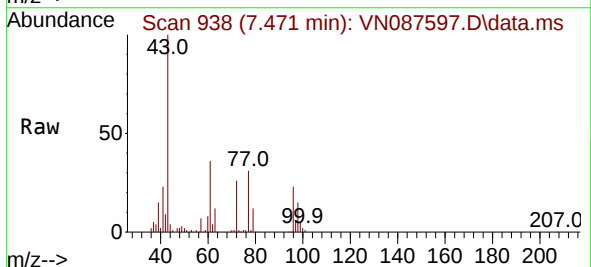
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBSD01

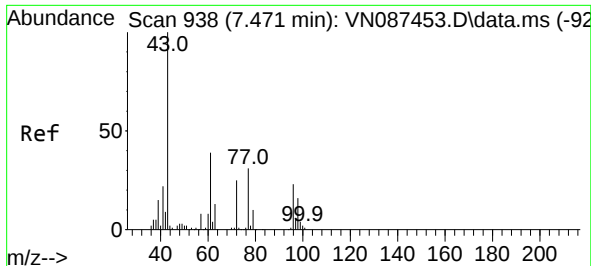
Tgt Ion: 75 Resp: 104689
Ion Ratio Lower Upper
75 100
110 32.4 0.0 65.8
77 30.3 0.0 63.6



#30
2-Butanone
Concen: 88.006 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Tgt Ion: 43 Resp: 371747
Ion Ratio Lower Upper
43 100
57 7.8 6.6 9.8
72 25.5 19.7 29.5





#31

2,2-Dichloropropane

Concen: 17.660 ug/l

RT: 7.477 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN087597.D

Acq: 18 Aug 2025 10:39

Instrument :

MSVOA_N

ClientSampleId :

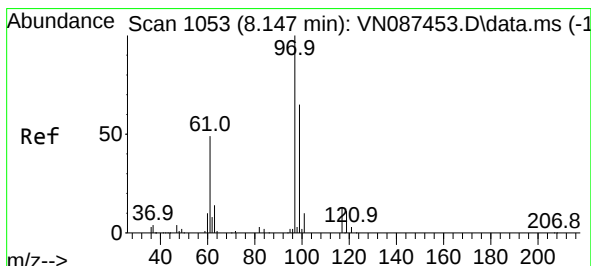
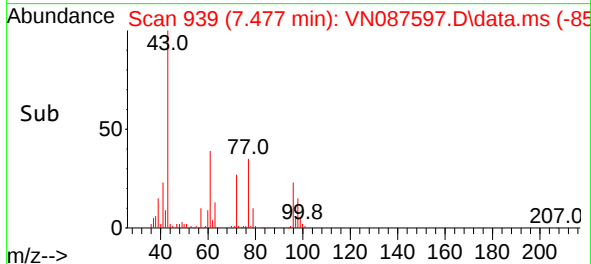
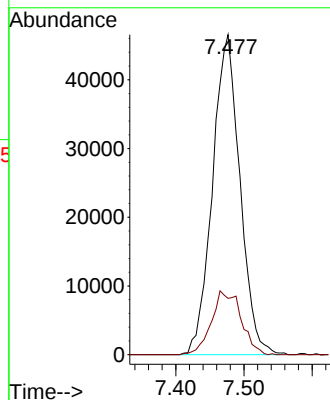
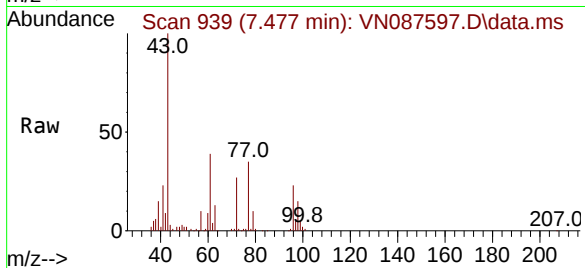
VN0818WBSD01

Tgt Ion: 77 Resp: 130523

Ion Ratio Lower Upper

77 100

97 12.6 16.7 25.1#



#32

1,1,1-Trichloroethane

Concen: 18.466 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.006 min

Lab File: VN087597.D

Acq: 18 Aug 2025 10:39

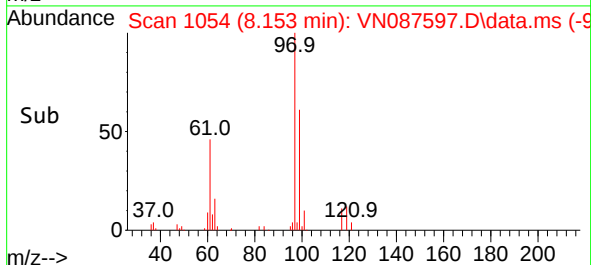
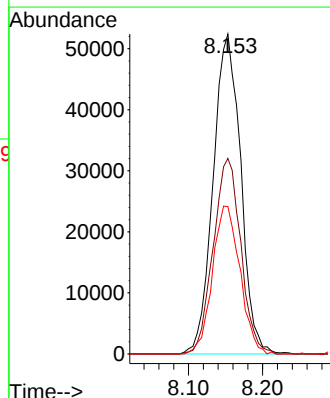
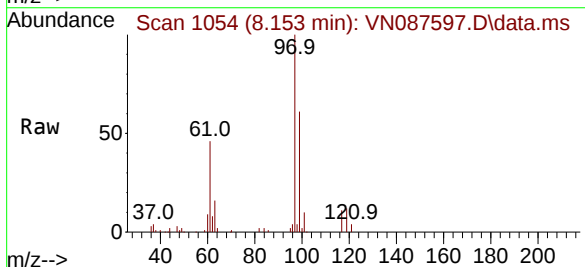
Tgt Ion: 97 Resp: 134965

Ion Ratio Lower Upper

97 100

99 61.2 53.0 79.6

61 46.2 40.6 61.0

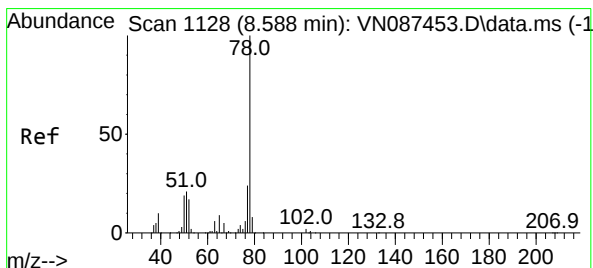
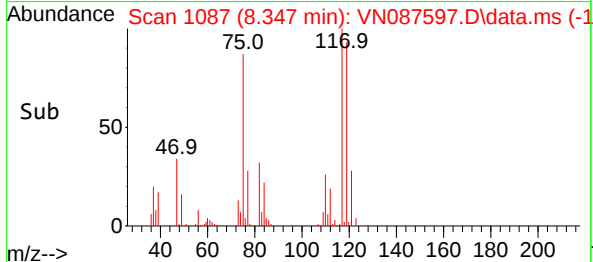
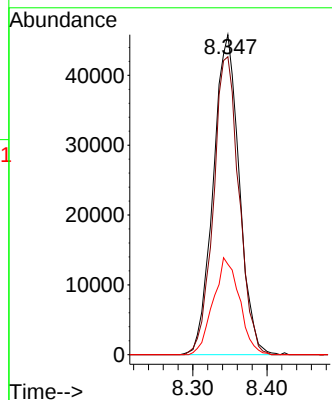
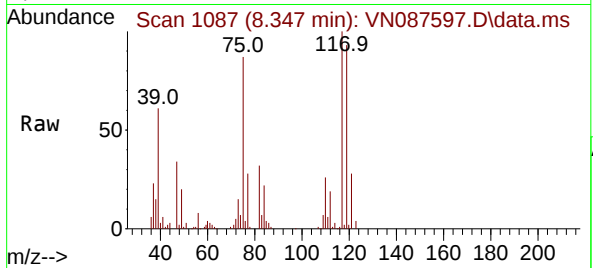




#33
Carbon Tetrachloride
Concen: 18.394 ug/l
RT: 8.347 min Scan# 111683
Delta R.T. 0.006 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

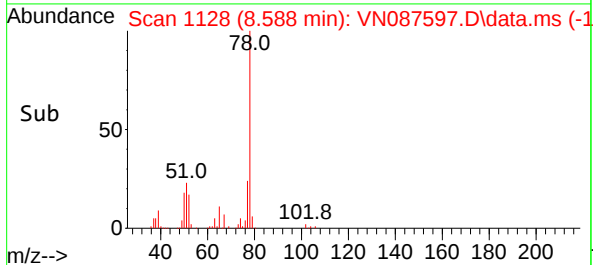
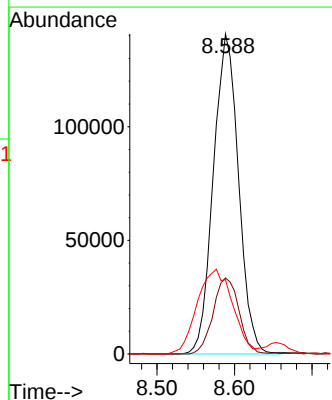
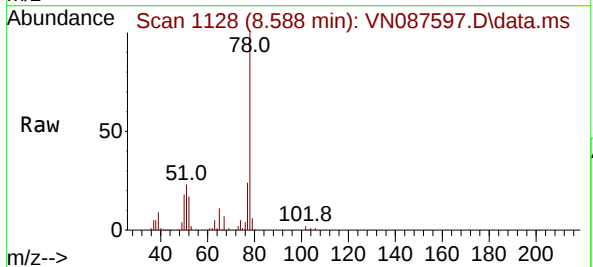
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBSD01

Tgt Ion:117 Resp: 111683
Ion Ratio Lower Upper
117 100
119 93.1 73.4 110.0
121 28.3 21.1 31.7



#34
Benzene
Concen: 17.567 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Tgt Ion: 78 Resp: 317782
Ion Ratio Lower Upper
78 100
77 23.7 19.2 28.8
51 21.7 16.9 25.3

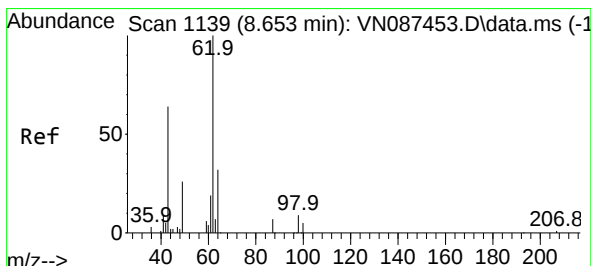
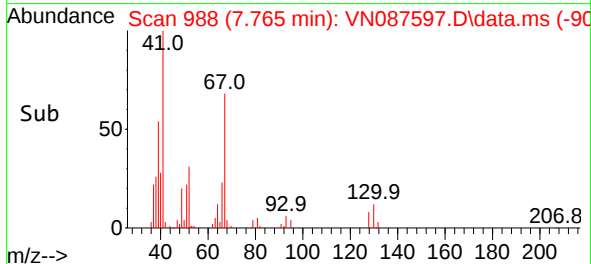
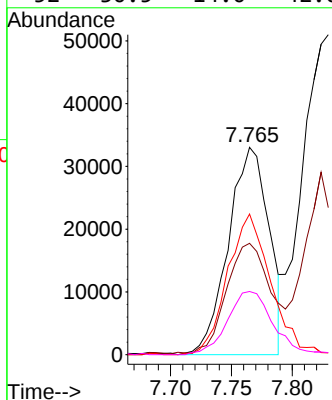
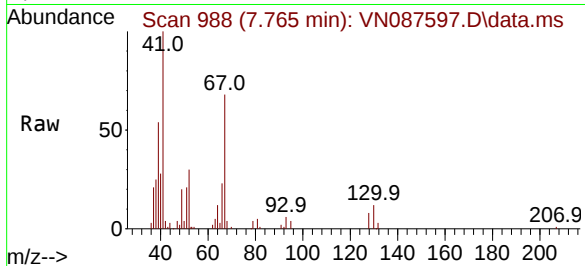




#35
Methacrylonitrile
Concen: 16.837 ug/l
RT: 7.765 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

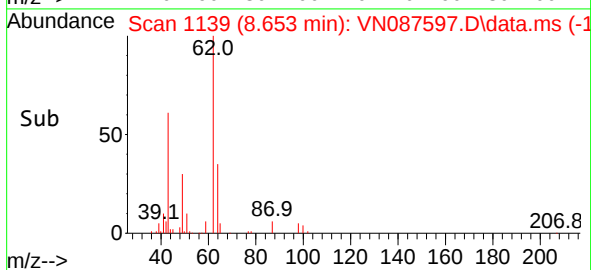
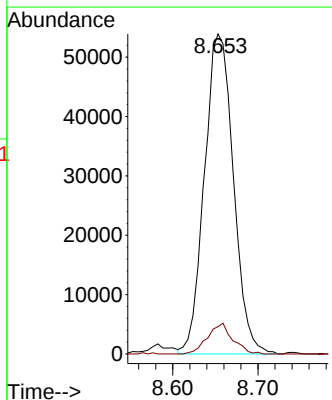
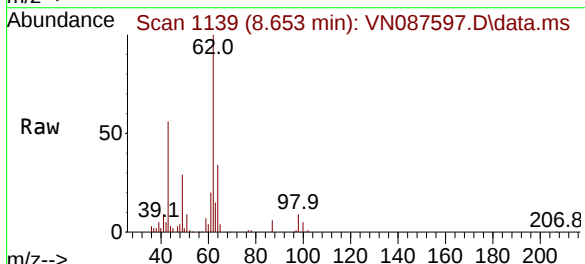
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBSD01

Tgt Ion:	41	Resp:	76749
Ion	Ratio	Lower	Upper
41	100		
39	52.5	30.1	90.5
67	67.8	32.0	96.2
52	30.5	14.0	42.0



#36
1,2-Dichloroethane
Concen: 17.449 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Tgt Ion:	62	Resp:	127575
Ion	Ratio	Lower	Upper
62	100		
98	8.2	6.6	9.8

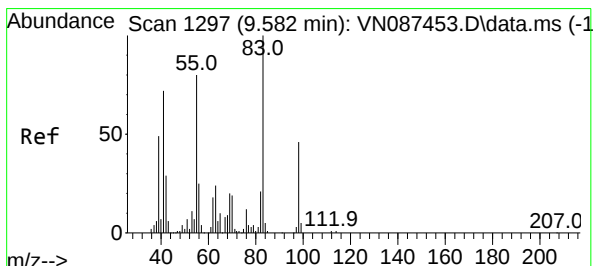
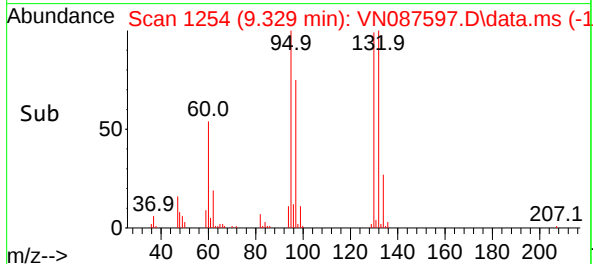
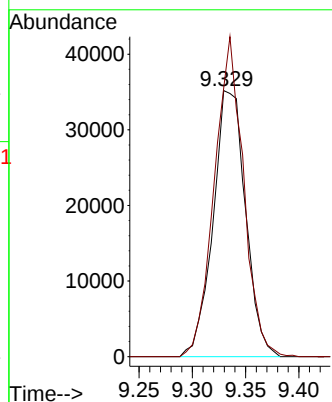
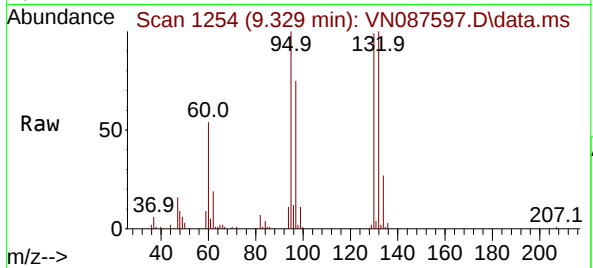




#37
Trichloroethene
Concen: 18.686 ug/l
RT: 9.329 min Scan# 1254
Delta R.T. -0.006 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

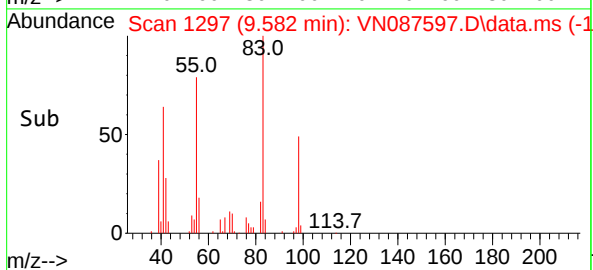
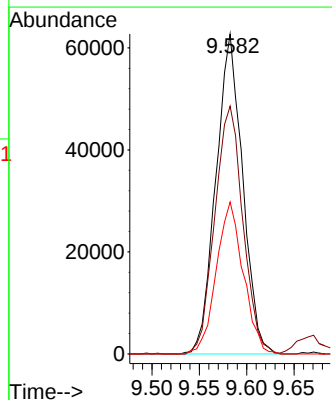
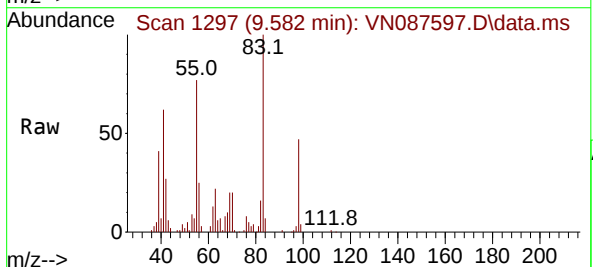
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBSD01

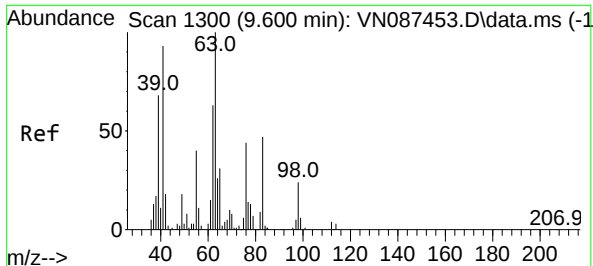
Tgt Ion:130 Resp: 74460
Ion Ratio Lower Upper
130 100
95 101.0 91.4 137.2



#38
Methylcyclohexane
Concen: 18.494 ug/l
RT: 9.582 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Tgt Ion: 83 Resp: 122949
Ion Ratio Lower Upper
83 100
55 81.5 41.2 123.6
98 47.9 23.3 69.9





#39

1,2-Dichloropropane

Concen: 17.590 ug/l

RT: 9.600 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087597.D

Acq: 18 Aug 2025 10:39

Instrument :

MSVOA_N

ClientSampleId :

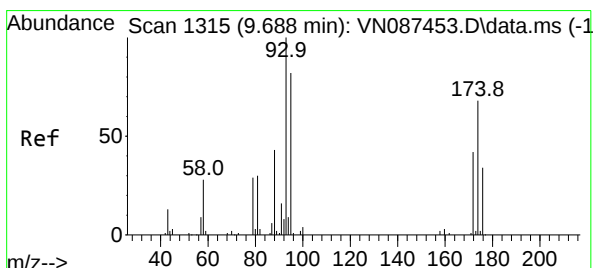
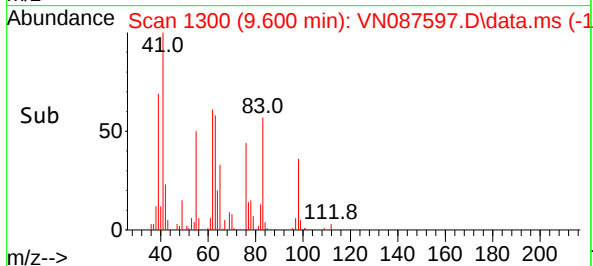
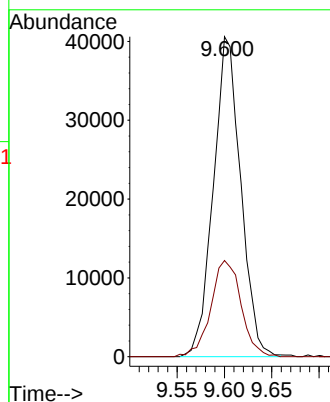
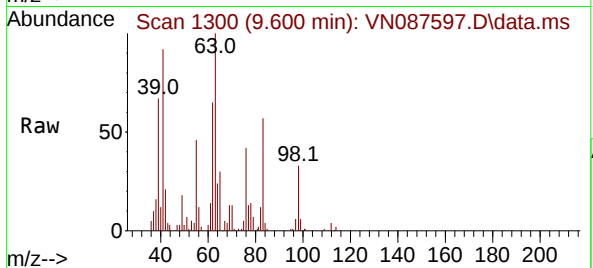
VN0818WBSD01

Tgt Ion: 63 Resp: 81585

Ion Ratio Lower Upper

63 100

65 30.2 24.6 36.8



#40

Dibromomethane

Concen: 17.374 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN087597.D

Acq: 18 Aug 2025 10:39

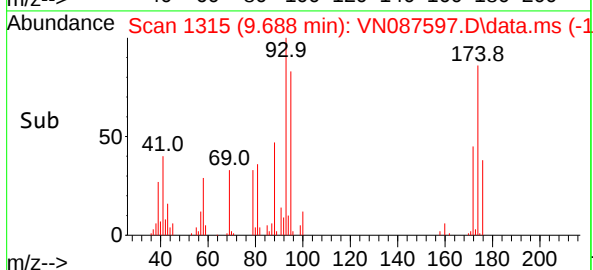
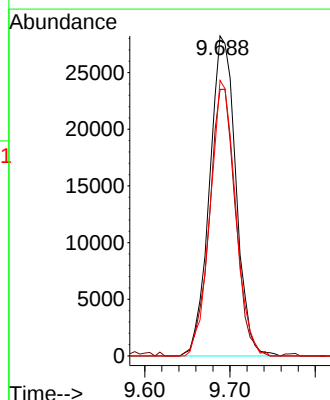
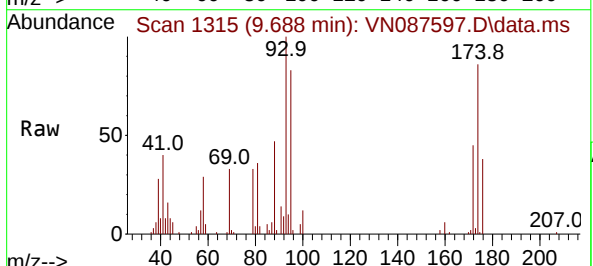
Tgt Ion: 93 Resp: 60461

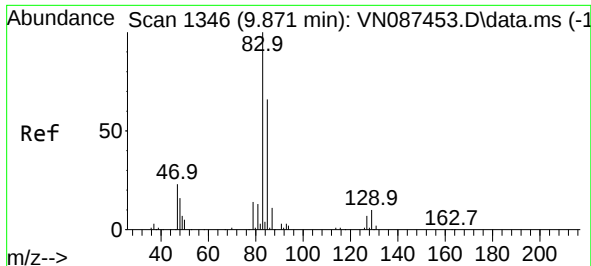
Ion Ratio Lower Upper

93 100

95 82.3 0.0 161.6

174 82.8 0.0 151.4

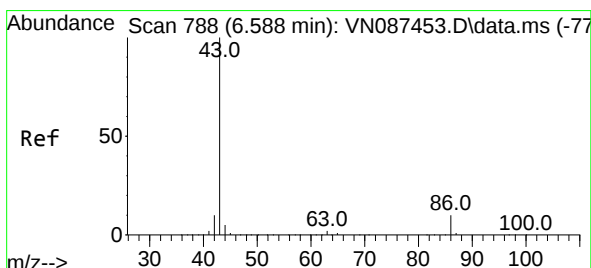
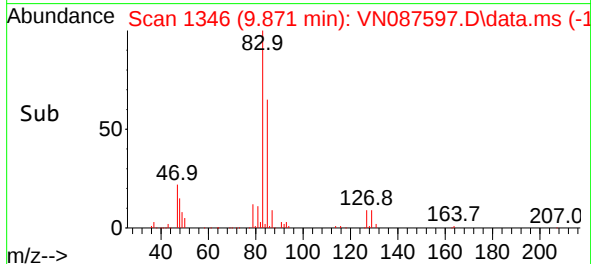
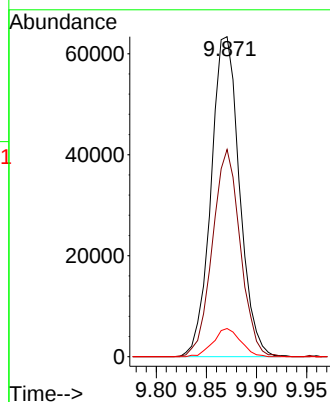
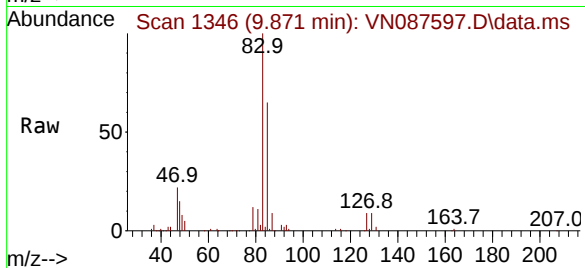




#41
Bromodichloromethane
Concen: 17.304 ug/l
RT: 9.871 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

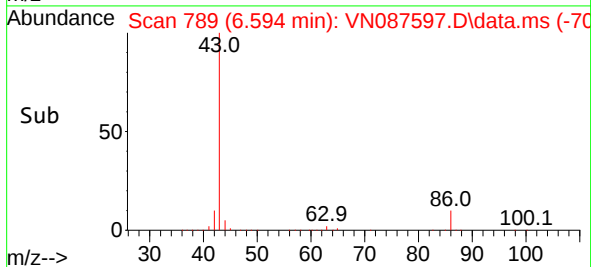
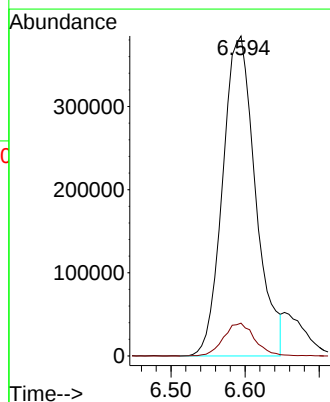
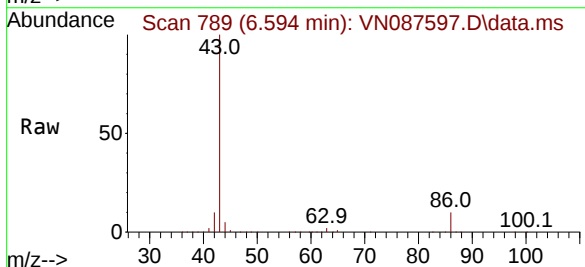
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBSD01

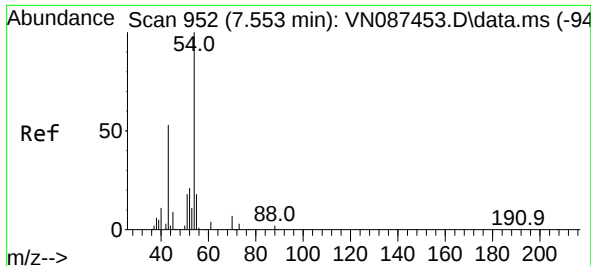
Tgt Ion: 83 Resp: 125125
Ion Ratio Lower Upper
83 100
85 64.5 52.9 79.3
127 8.8 5.8 8.6#



#42
Vinyl Acetate
Concen: 85.235 ug/l
RT: 6.594 min Scan# 789
Delta R.T. 0.006 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Tgt Ion: 43 Resp: 1185689
Ion Ratio Lower Upper
43 100
86 9.7 7.3 10.9

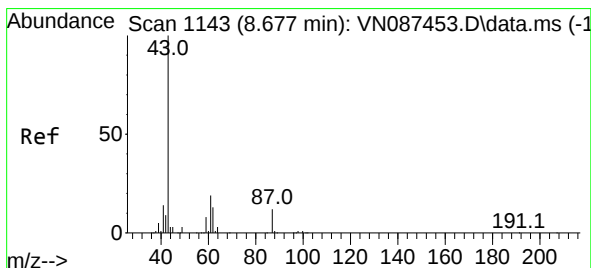
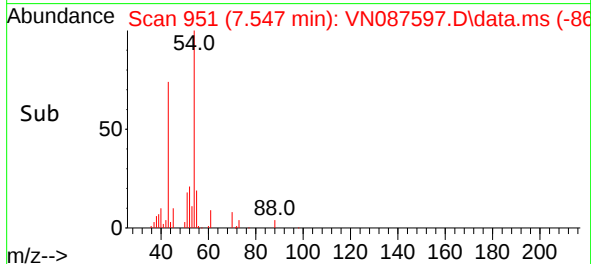
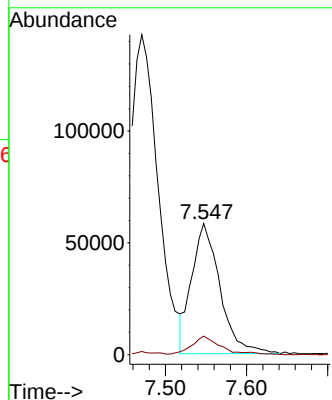
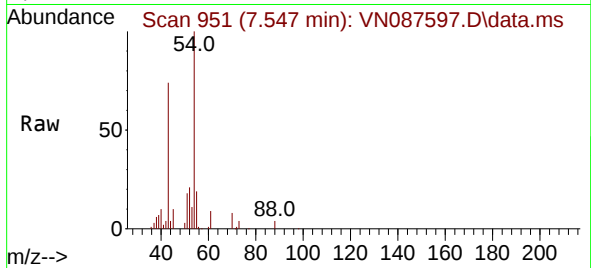




#43
Ethyl Acetate
Concen: 17.283 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

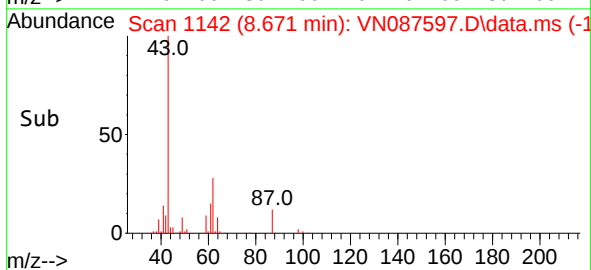
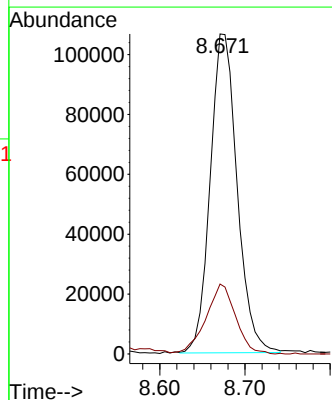
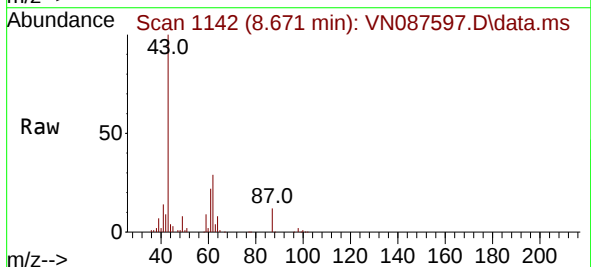
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBSD01

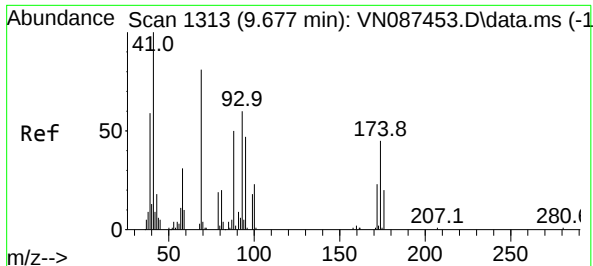
Tgt Ion: 43 Resp: 141039
Ion Ratio Lower Upper
43 100
45 12.1 11.1 16.7



#44
Isopropyl Acetate
Concen: 16.936 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Tgt Ion: 43 Resp: 234275
Ion Ratio Lower Upper
43 100
61 24.2 18.6 28.0

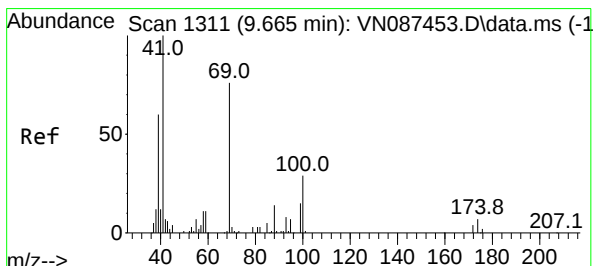
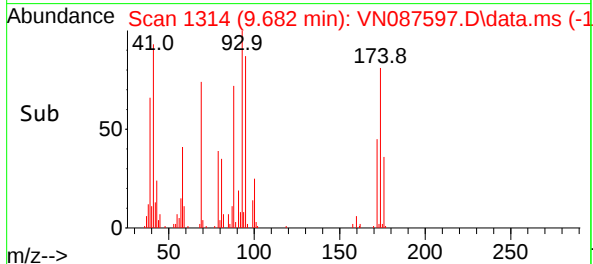
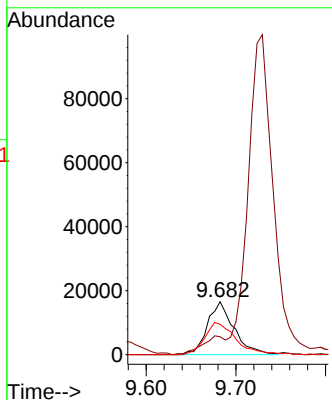
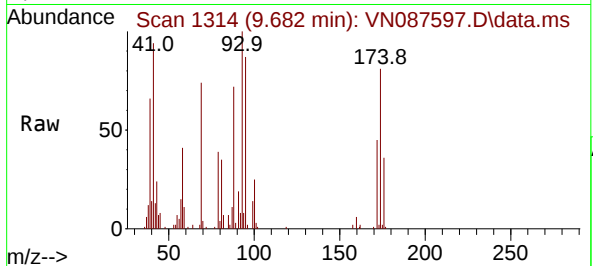




#45
1,4-Dioxane
Concen: 387.722 ug/l
RT: 9.682 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

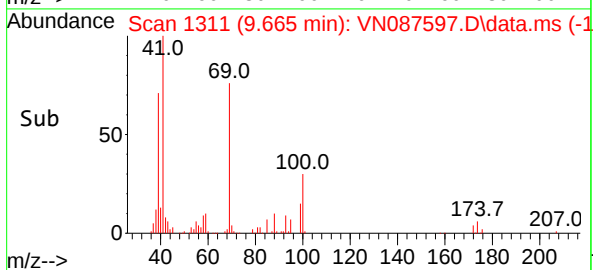
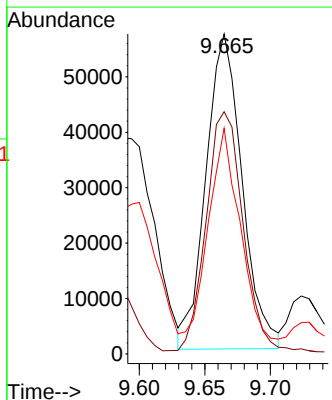
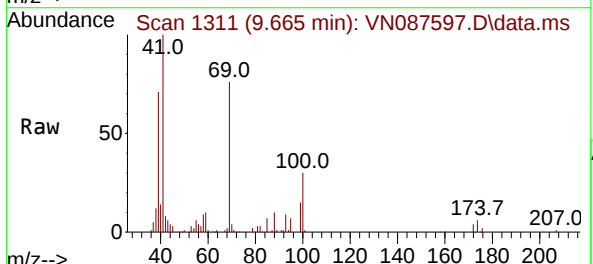
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBSD01

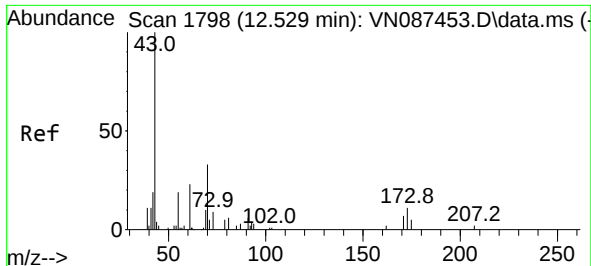
Tgt Ion: 88 Resp: 34191
Ion Ratio Lower Upper
88 100
43 30.6 24.1 36.1
58 70.5 57.2 85.8



#46
Methyl methacrylate
Concen: 16.720 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Tgt Ion: 41 Resp: 109176
Ion Ratio Lower Upper
41 100
69 79.8 37.1 111.5
39 70.4 30.7 92.1

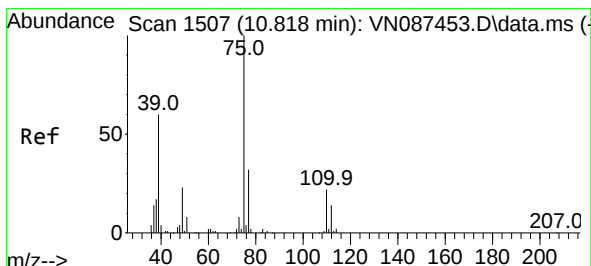
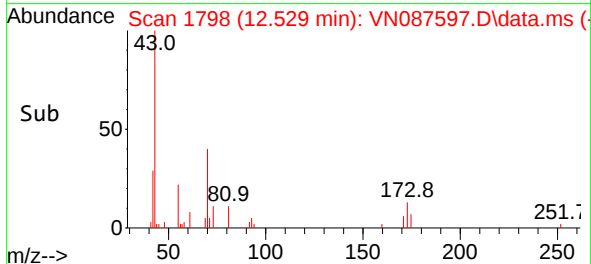
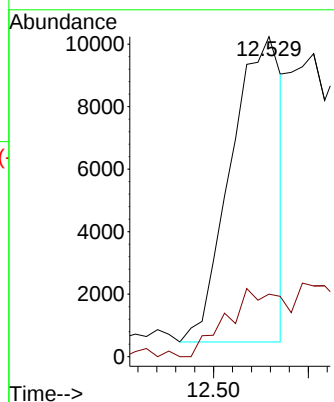
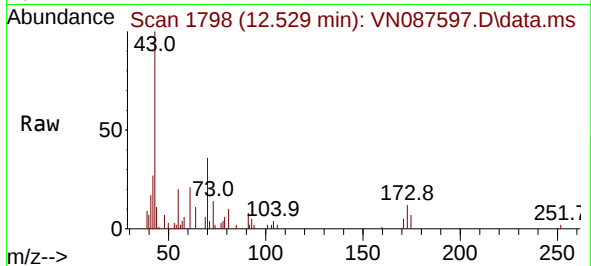




#47
n-amyl acetate
Concen: 2.357 ug/l
RT: 12.529 min Scan# 1798
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

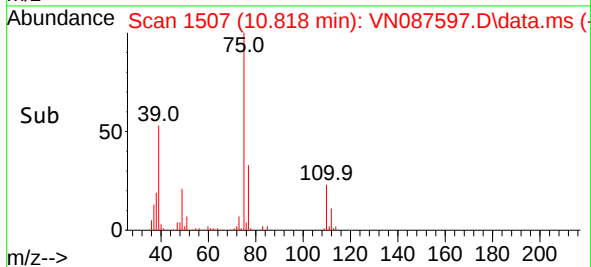
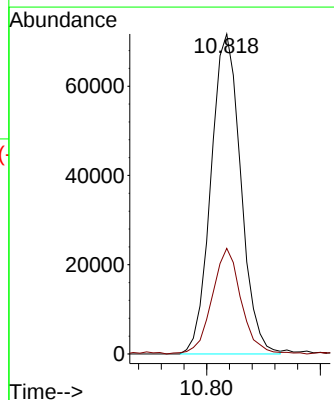
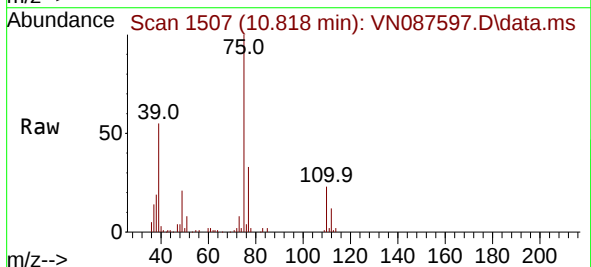
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBSD01

Tgt Ion: 43 Resp: 18009
Ion Ratio Lower Upper
43 100
55 15.3 4.6 6.8#



#48
t-1,3-Dichloropropene
Concen: 16.614 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Tgt Ion: 75 Resp: 130700
Ion Ratio Lower Upper
75 100
77 32.6 25.3 37.9





#49

cis-1,3-Dichloropropene

Concen: 17.053 ug/l

RT: 10.294 min Scan# 1418

Delta R.T. -0.000 min

Lab File: VN087597.D

Acq: 18 Aug 2025 10:39

Instrument :

MSVOA_N

ClientSampleId :

VN0818WBSD01

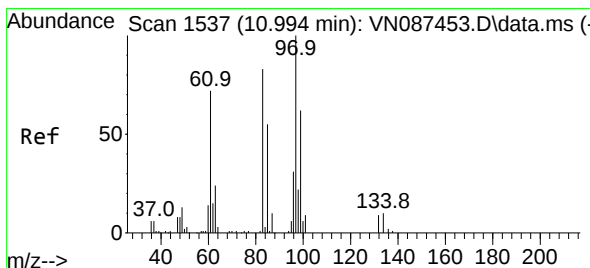
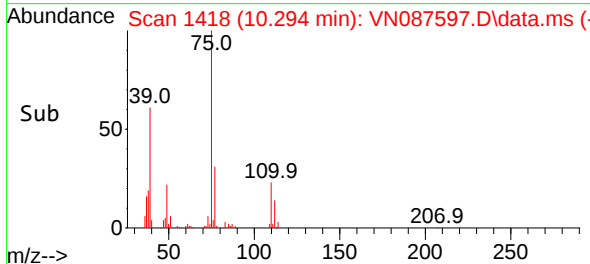
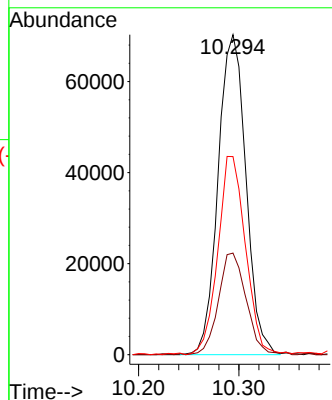
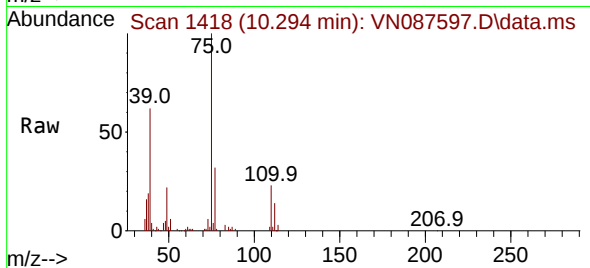
Tgt Ion: 75 Resp: 135014

Ion Ratio Lower Upper

75 100

77 31.4 24.6 36.8

39 61.4 51.5 77.3



#50

1,1,2-Trichloroethane

Concen: 18.217 ug/l

RT: 10.994 min Scan# 1537

Delta R.T. -0.000 min

Lab File: VN087597.D

Acq: 18 Aug 2025 10:39

Tgt Ion: 97 Resp: 80093

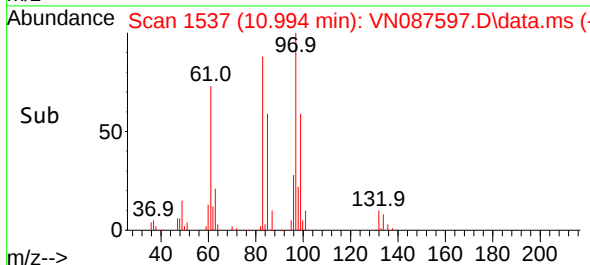
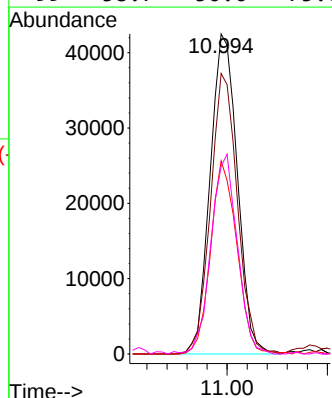
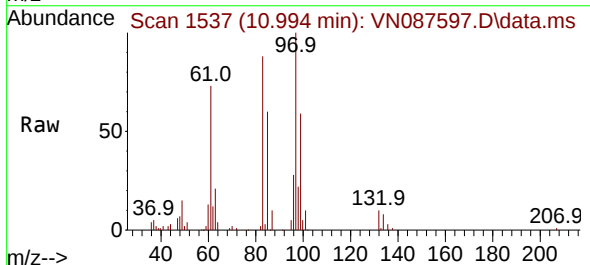
Ion Ratio Lower Upper

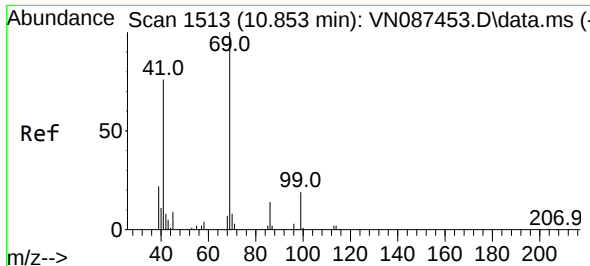
97 100

83 87.6 66.2 99.2

85 60.3 43.9 65.9

99 58.7 50.0 75.0

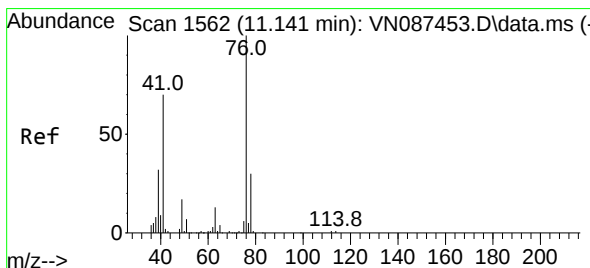
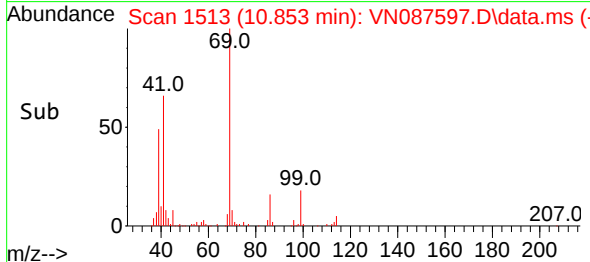
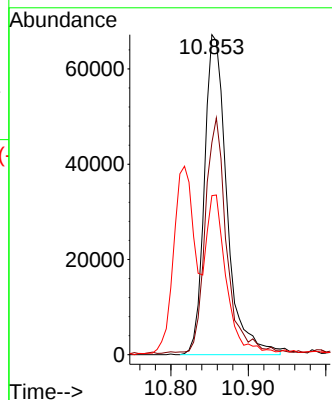
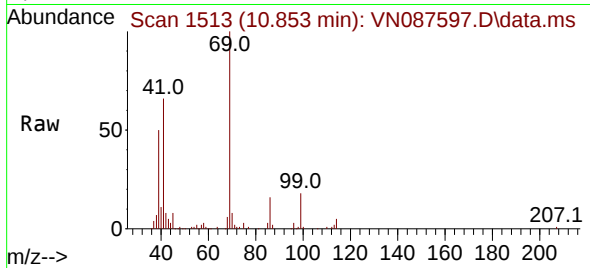




#51
Ethyl methacrylate
Concen: 17.532 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

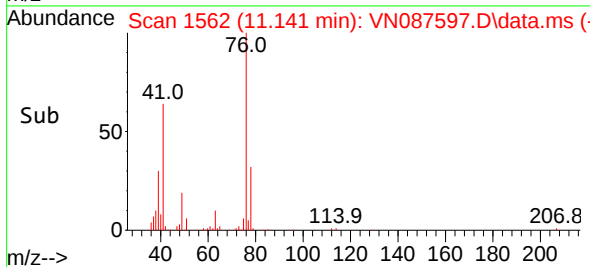
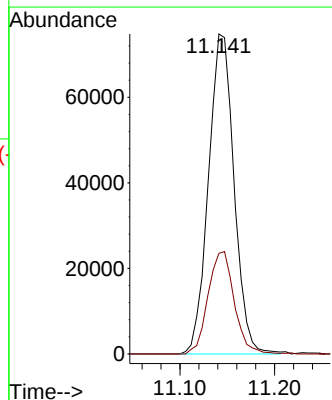
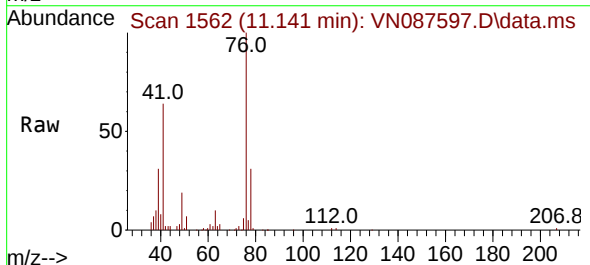
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBSD01

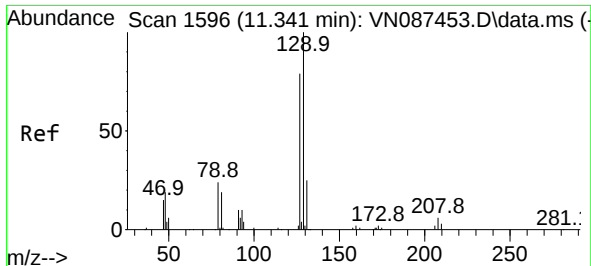
Tgt Ion: 69 Resp: 135754
Ion Ratio Lower Upper
69 100
41 65.4 38.0 114.1
39 48.7 23.2 69.5



#52
1,3-Dichloropropane
Concen: 17.730 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Tgt Ion: 76 Resp: 140443
Ion Ratio Lower Upper
76 100
78 32.6 0.0 63.0

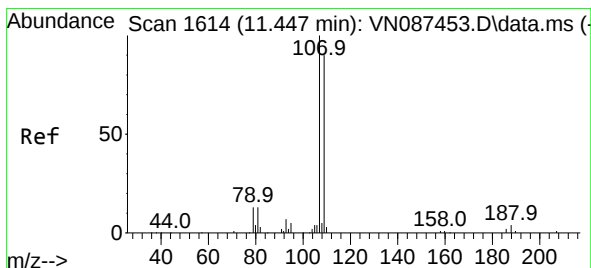
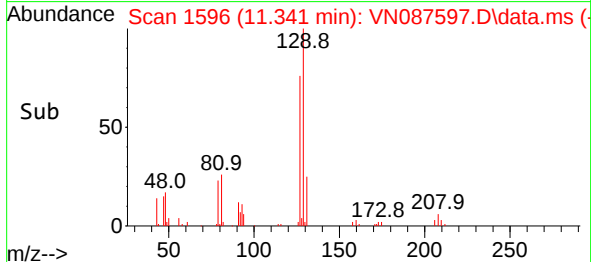
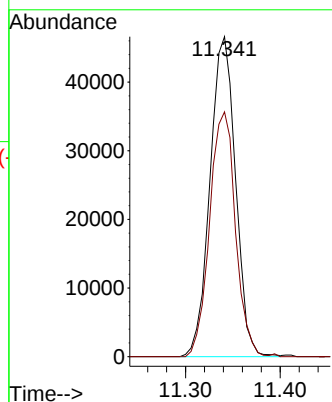
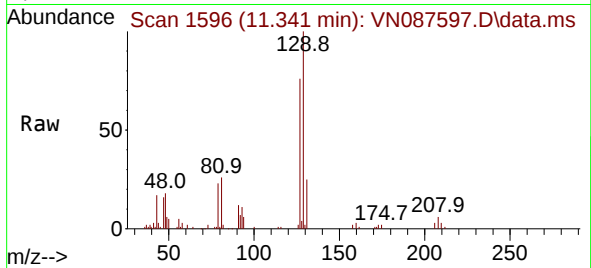




#53
Dibromochloromethane
Concen: 17.220 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

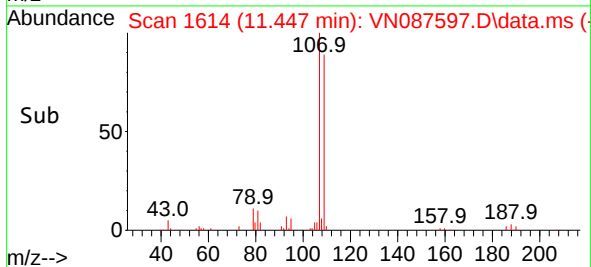
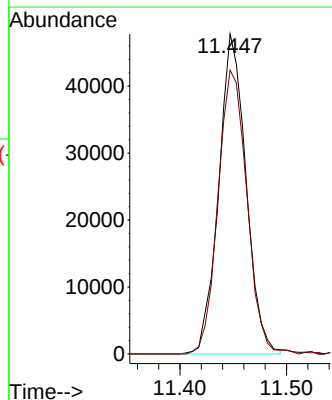
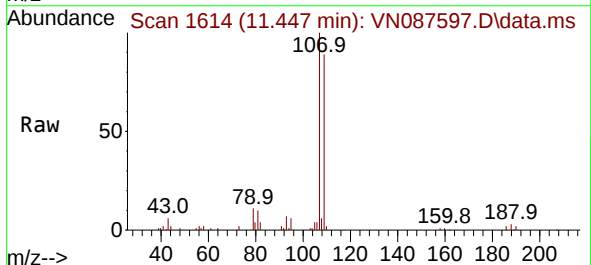
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBSD01

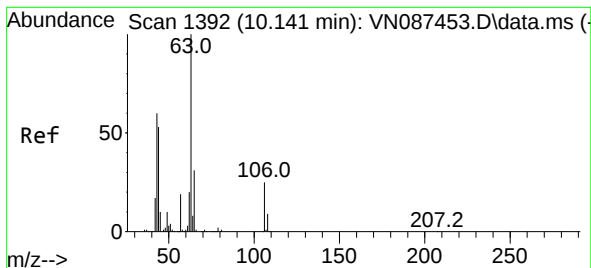
Tgt Ion:129 Resp: 87438
Ion Ratio Lower Upper
129 100
127 77.3 39.1 117.3



#54
1,2-Dibromoethane
Concen: 18.193 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Tgt Ion:107 Resp: 84916
Ion Ratio Lower Upper
107 100
109 93.5 74.2 111.4

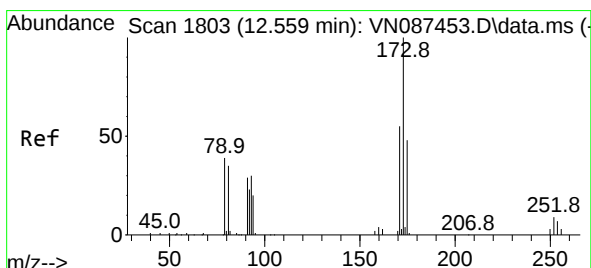
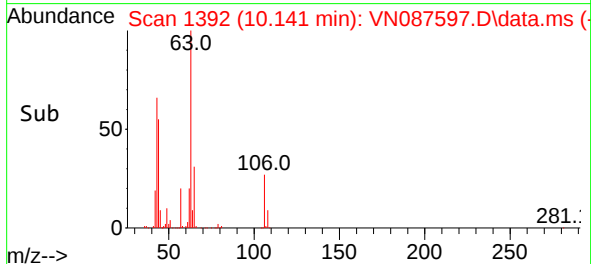
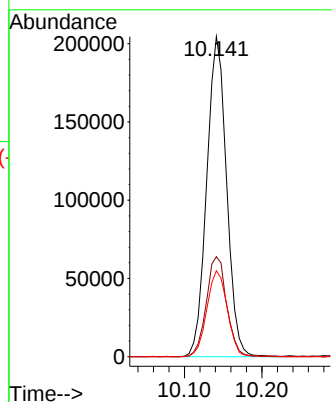
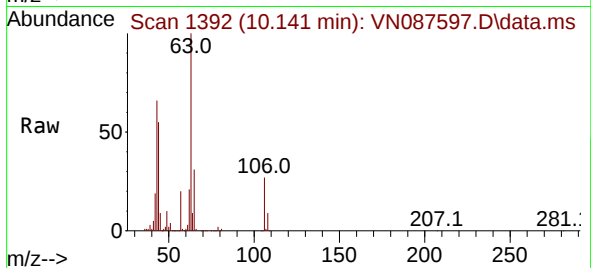




#55
 2-Chloroethyl vinyl ether
 Concen: 89.196 ug/l
 RT: 10.141 min Scan# 1392
 Delta R.T. -0.000 min
 Lab File: VN087597.D
 Acq: 18 Aug 2025 10:39

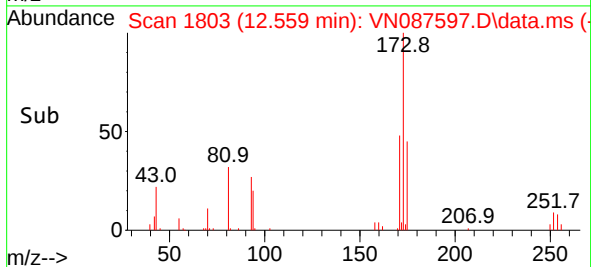
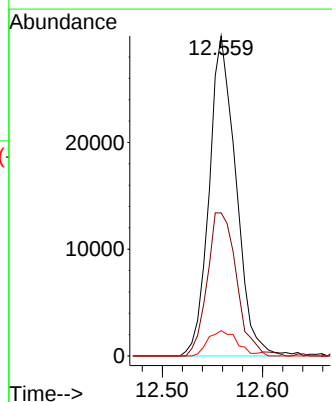
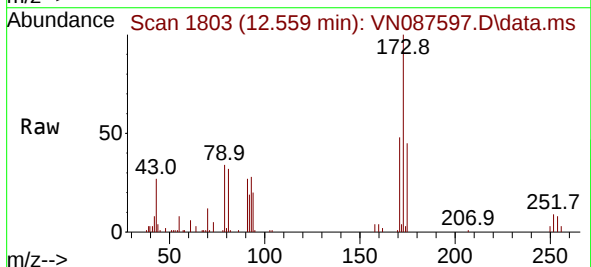
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0818WBSD01

Tgt Ion: 63 Resp: 363591
 Ion Ratio Lower Upper
 63 100
 65 32.1 25.7 38.5
 106 27.5 20.7 31.1



#56
 Bromoform
 Concen: 16.544 ug/l
 RT: 12.559 min Scan# 1803
 Delta R.T. -0.000 min
 Lab File: VN087597.D
 Acq: 18 Aug 2025 10:39

Tgt Ion: 173 Resp: 55564
 Ion Ratio Lower Upper
 173 100
 175 48.7 38.8 58.2
 254 8.4 3.9 5.9#

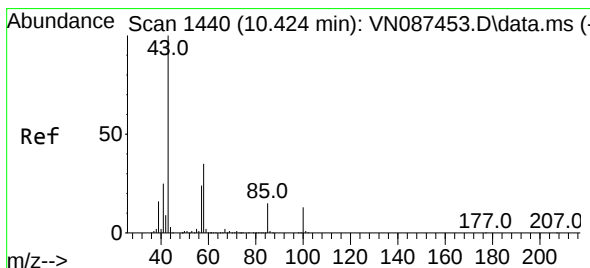
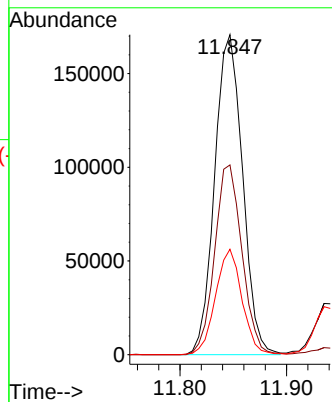
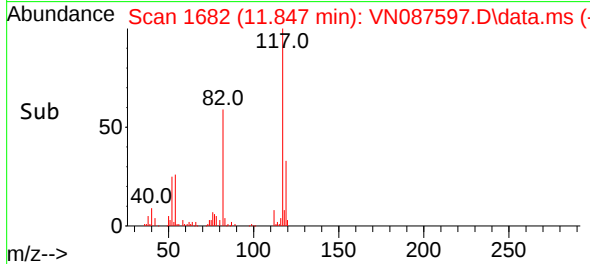
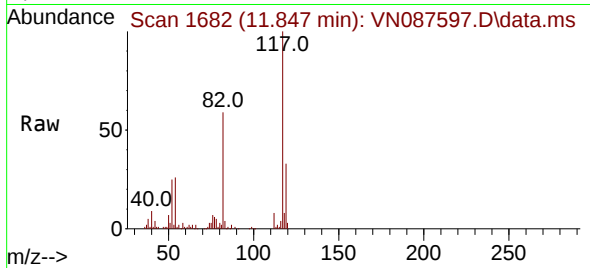




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

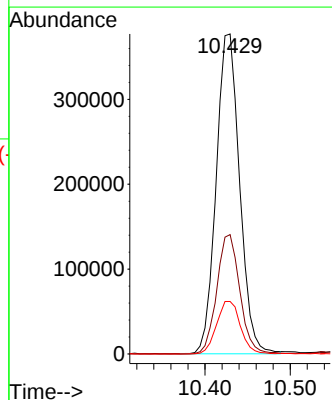
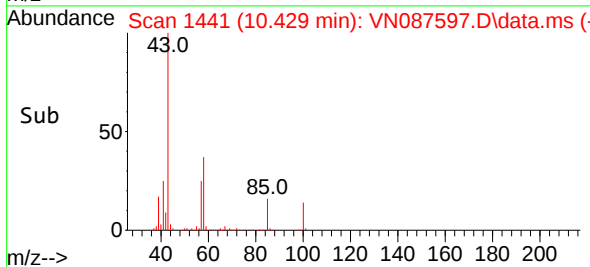
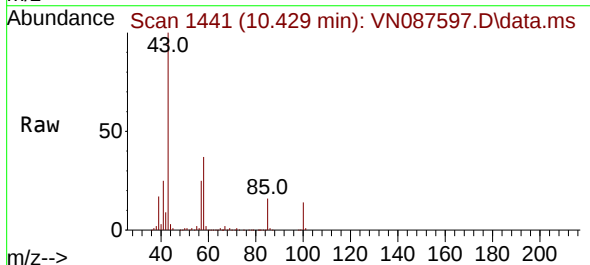
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBSD01

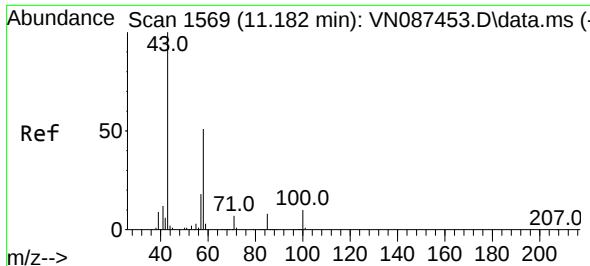
Tgt Ion:117 Resp: 310931
Ion Ratio Lower Upper
117 100
82 58.1 49.2 73.8
119 31.3 25.7 38.5



#58
4-Methyl-2-Pentanone
Concen: 90.144 ug/l
RT: 10.429 min Scan# 1441
Delta R.T. 0.006 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Tgt Ion: 43 Resp: 721024
Ion Ratio Lower Upper
43 100
58 36.7 29.0 43.6
85 16.7 12.7 19.1

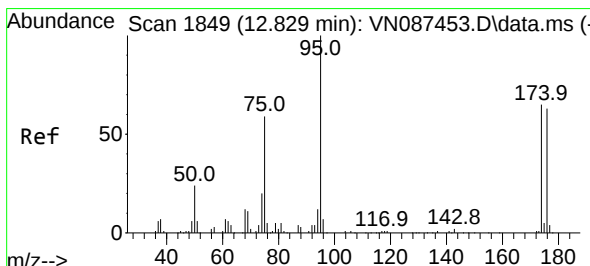
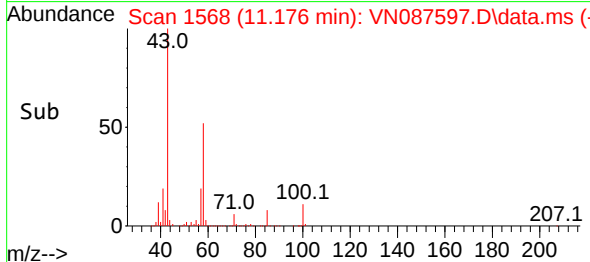
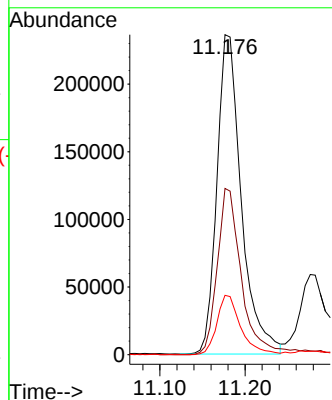
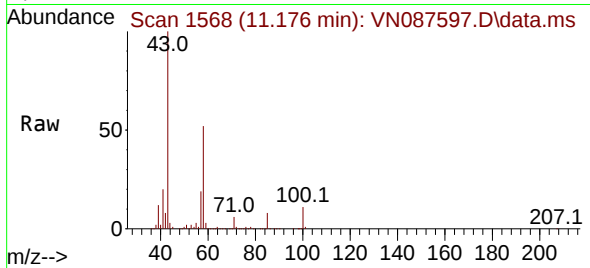




#59
2-Hexanone
Concen: 86.724 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

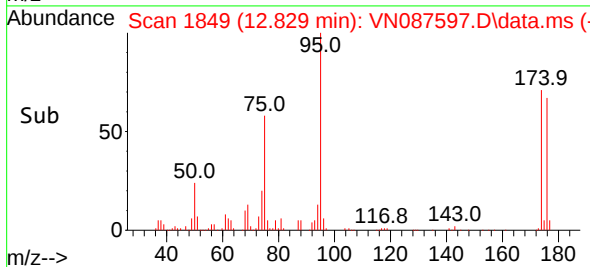
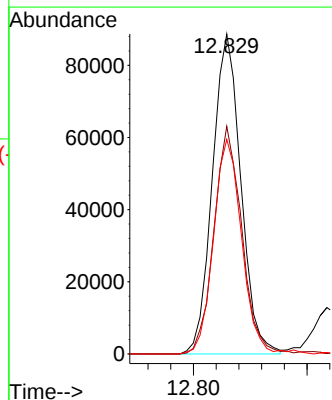
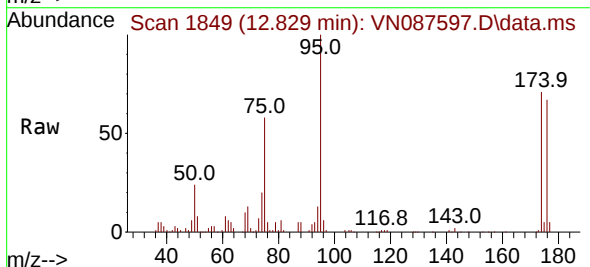
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBSD01

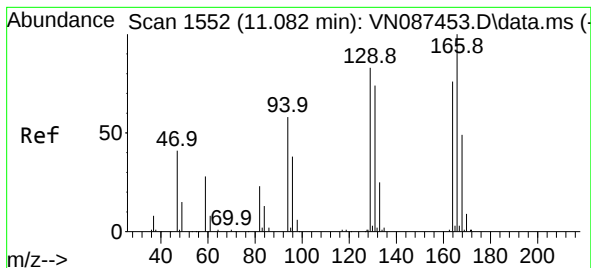
Tgt Ion: 43 Resp: 471315
Ion Ratio Lower Upper
43 100
58 51.5 41.0 61.6
57 18.2 14.6 21.8



#60
4-Bromofluorobenzene
Concen: 28.831 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Tgt Ion: 95 Resp: 154270
Ion Ratio Lower Upper
95 100
174 69.4 52.3 78.5
176 65.8 49.8 74.8





#61

Tetrachloroethene

Concen: 19.961 ug/l

RT: 11.082 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087597.D

Acq: 18 Aug 2025 10:39

Instrument :

MSVOA_N

ClientSampleId :

VN0818WBSD01

Tgt Ion:164 Resp: 60467

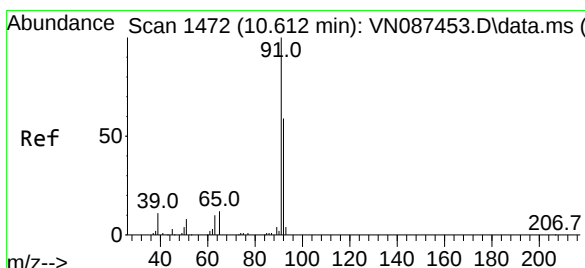
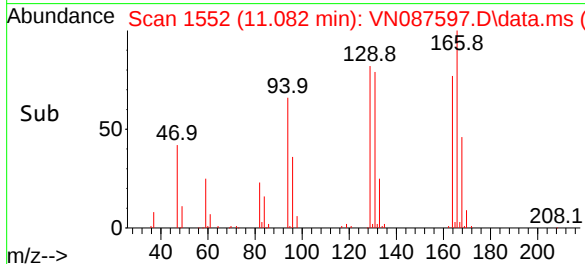
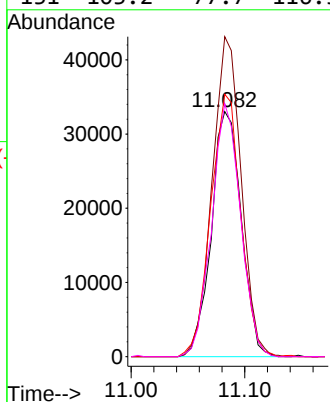
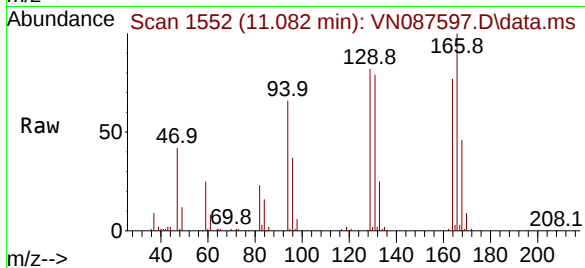
Ion Ratio Lower Upper

164 100

166 130.5 105.4 158.0

129 107.0 87.7 131.5

131 103.2 77.7 116.5



#62

Toluene

Concen: 18.004 ug/l

RT: 10.612 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VN087597.D

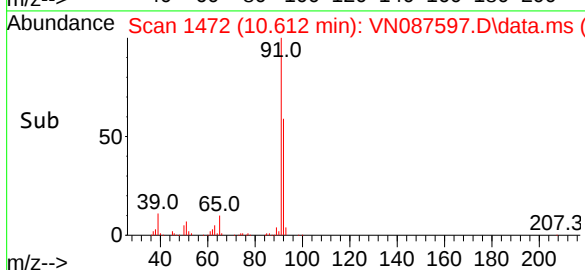
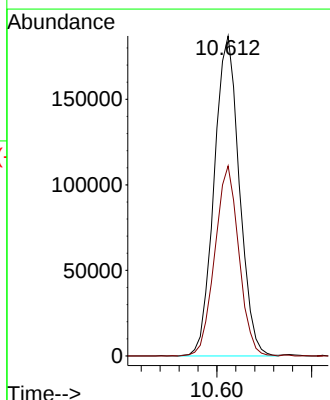
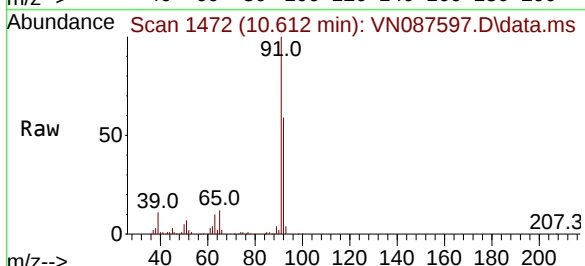
Acq: 18 Aug 2025 10:39

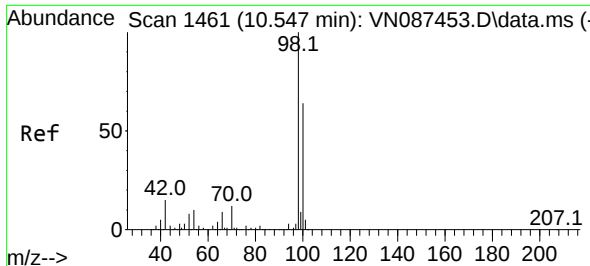
Tgt Ion: 91 Resp: 345500

Ion Ratio Lower Upper

91 100

92 56.6 45.8 68.6

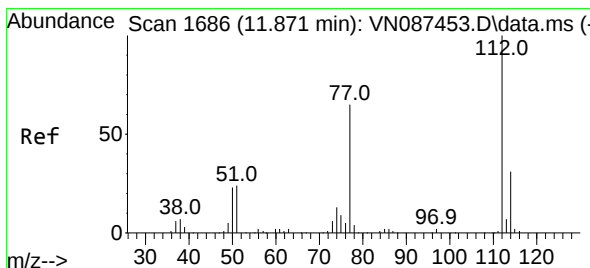
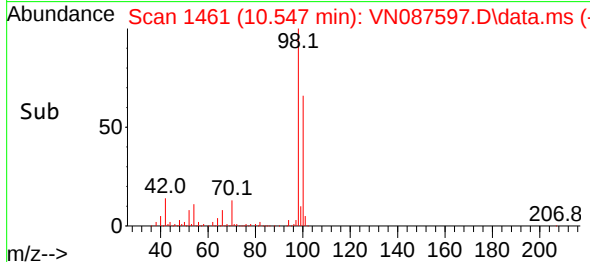
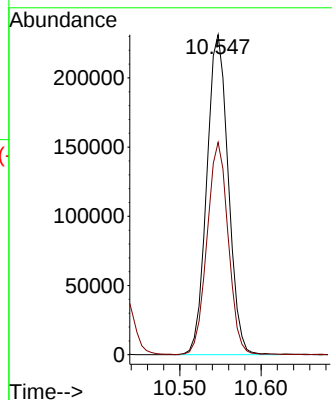
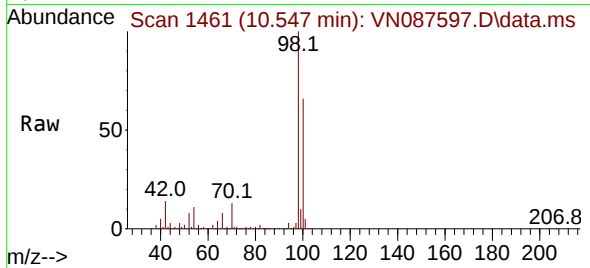




#63
Toluene-d8
Concen: 29.677 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

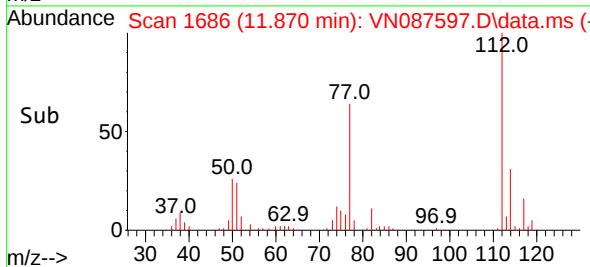
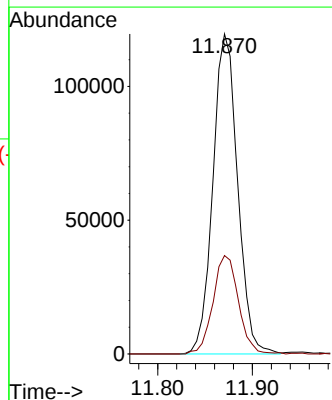
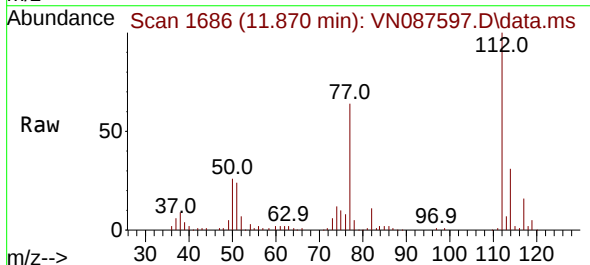
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBSD01

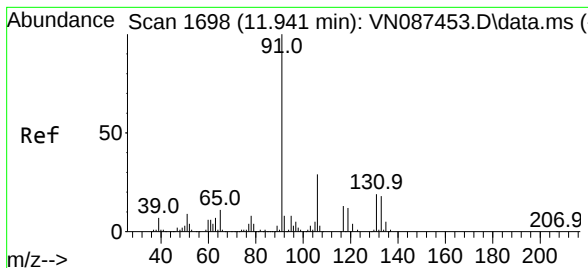
Tgt Ion: 98 Resp: 424585
Ion Ratio Lower Upper
98 100
100 65.3 50.5 75.7



#64
Chlorobenzene
Concen: 18.383 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Tgt Ion: 112 Resp: 216777
Ion Ratio Lower Upper
112 100
114 30.8 24.7 37.1

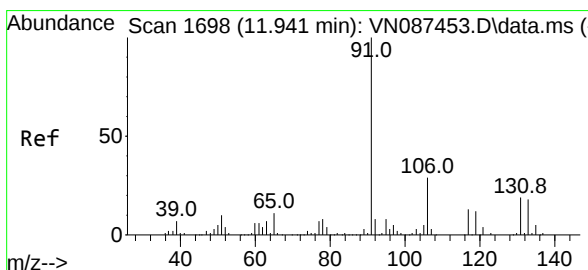
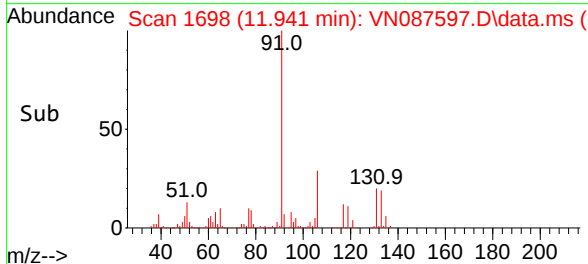
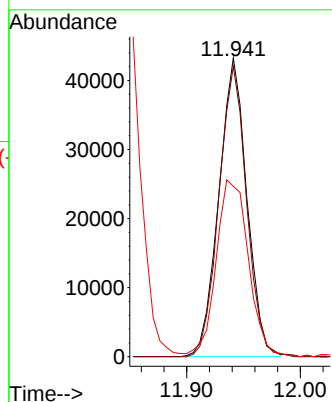
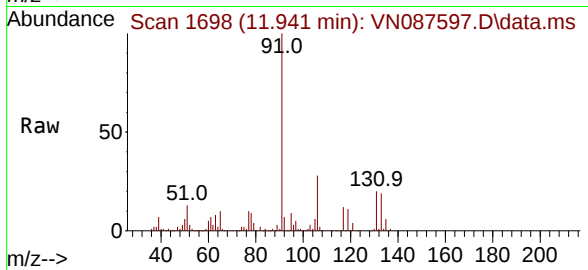




#65
 1,1,1,2-Tetrachloroethane
 Concen: 17.858 ug/l
 RT: 11.941 min Scan# 1698
 Delta R.T. -0.000 min
 Lab File: VN087597.D
 Acq: 18 Aug 2025 10:39

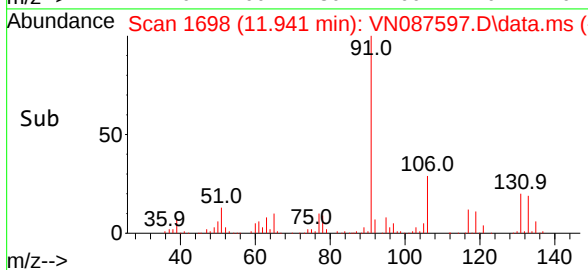
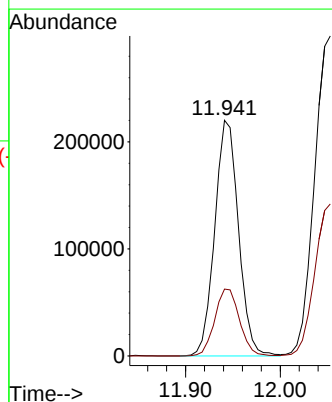
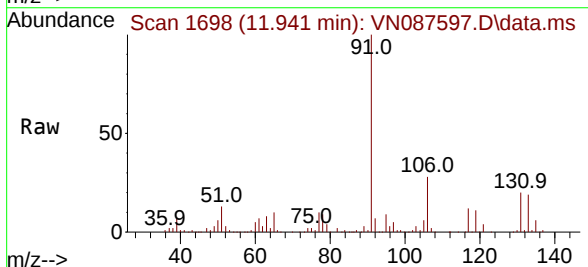
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0818WBSD01

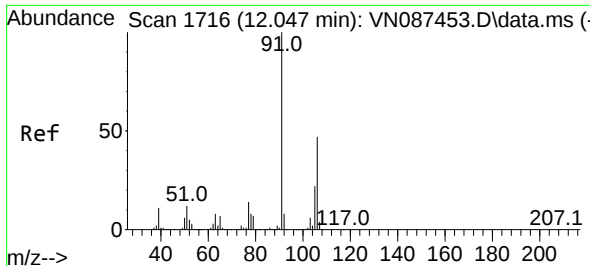
Tgt Ion:131 Resp: 74040
 Ion Ratio Lower Upper
 131 100
 133 96.0 0.0 189.8
 119 68.1 0.0 133.2



#66
 Ethyl Benzene
 Concen: 17.950 ug/l
 RT: 11.941 min Scan# 1698
 Delta R.T. -0.000 min
 Lab File: VN087597.D
 Acq: 18 Aug 2025 10:39

Tgt Ion: 91 Resp: 383950
 Ion Ratio Lower Upper
 91 100
 106 28.4 22.9 34.3

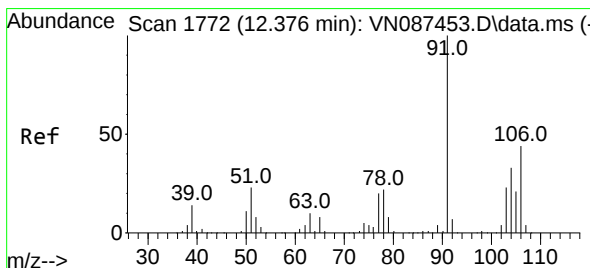
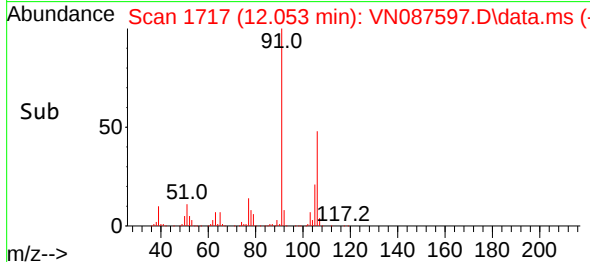
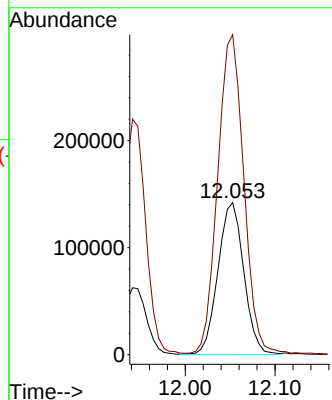
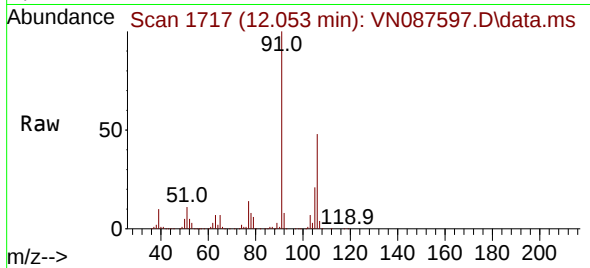




#67
m/p-Xylenes
Concen: 36.167 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

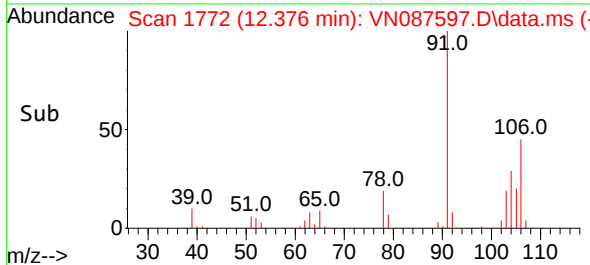
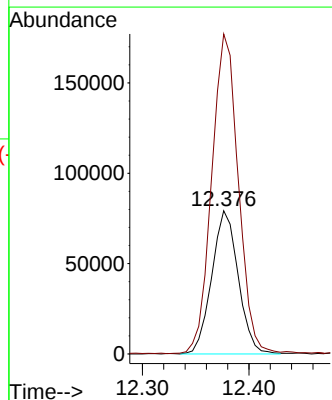
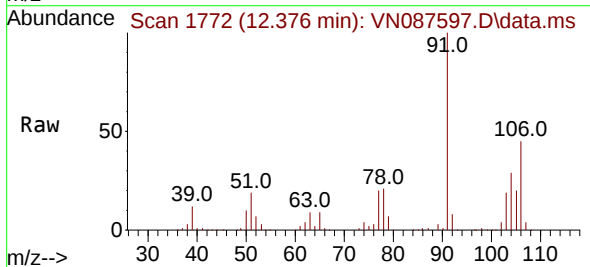
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBSD01

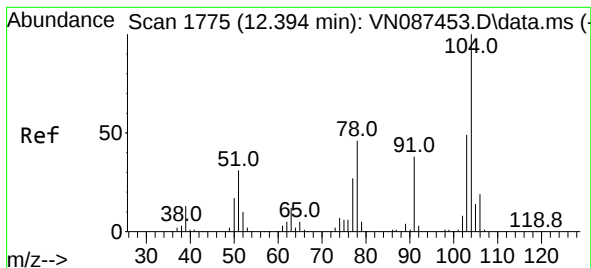
Tgt Ion:106 Resp: 283956
Ion Ratio Lower Upper
106 100
91 213.0 174.2 261.2



#68
o-Xylene
Concen: 17.709 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Tgt Ion:106 Resp: 136790
Ion Ratio Lower Upper
106 100
91 223.8 114.5 343.5





#69

Styrene

Concen: 17.521 ug/l

RT: 12.394 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087597.D

Acq: 18 Aug 2025 10:39

Instrument :

MSVOA_N

ClientSampleId :

VN0818WBSD01

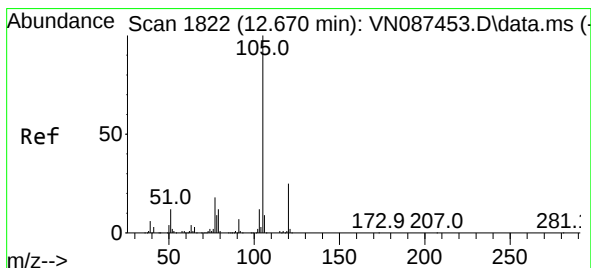
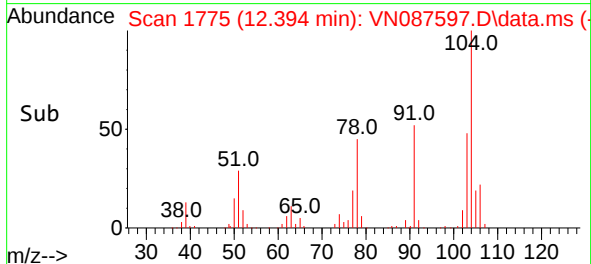
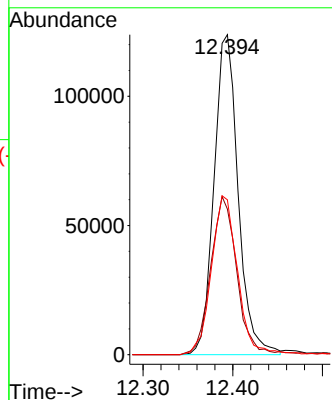
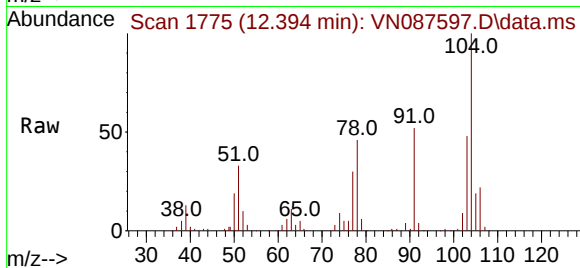
Tgt Ion:104 Resp: 231079

Ion Ratio Lower Upper

104 100

78 53.1 43.8 65.8

103 53.7 43.1 64.7



#70

Isopropylbenzene

Concen: 18.331 ug/l

RT: 12.676 min Scan# 1823

Delta R.T. 0.006 min

Lab File: VN087597.D

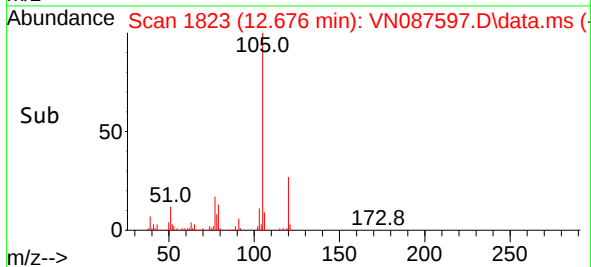
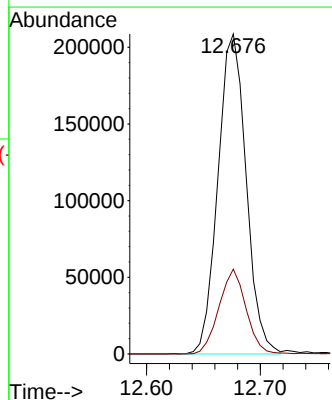
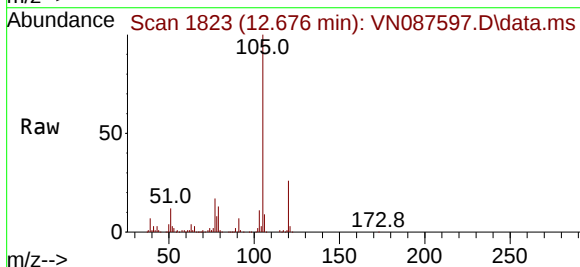
Acq: 18 Aug 2025 10:39

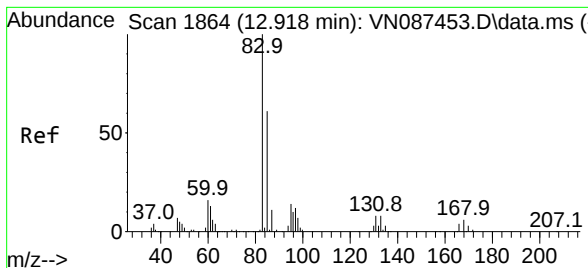
Tgt Ion:105 Resp: 359719

Ion Ratio Lower Upper

105 100

120 25.4 17.5 32.5

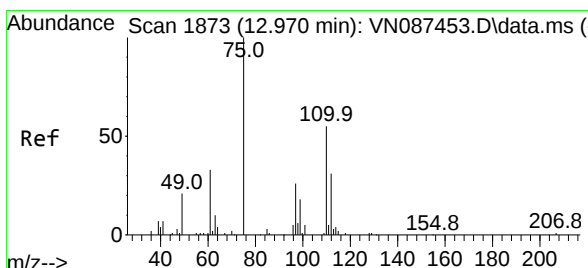
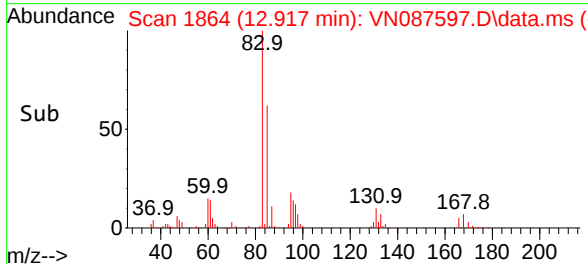
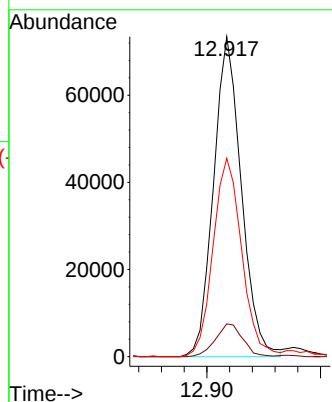
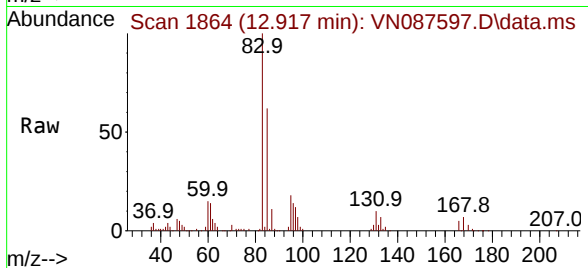




#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.578 ug/l
 RT: 12.917 min Scan# 1864
 Delta R.T. -0.000 min
 Lab File: VN087597.D
 Acq: 18 Aug 2025 10:39

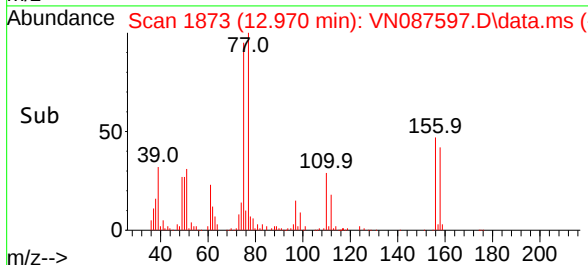
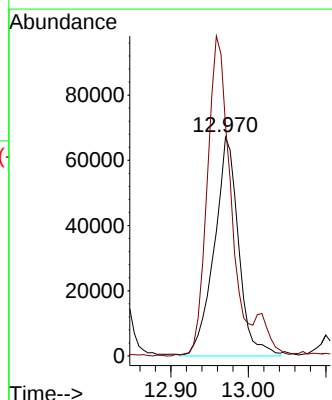
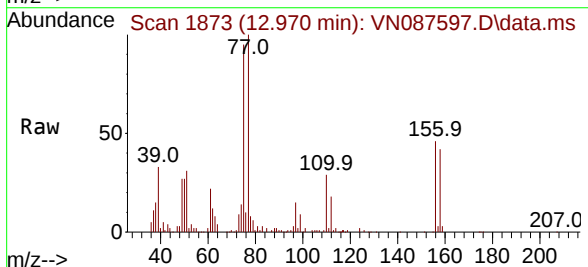
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0818WBSD01

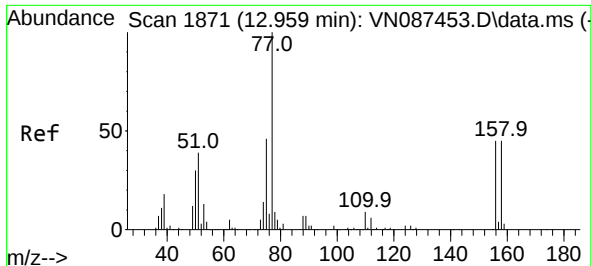
Tgt Ion: 83 Resp: 124913
 Ion Ratio Lower Upper
 83 100
 131 10.1 4.8 14.3
 85 63.8 31.7 95.1



#72
 1,2,3-Trichloropropane
 Concen: 23.399 ug/l
 RT: 12.970 min Scan# 1873
 Delta R.T. -0.000 min
 Lab File: VN087597.D
 Acq: 18 Aug 2025 10:39

Tgt Ion: 75 Resp: 146567
 Ion Ratio Lower Upper
 75 100
 77 139.1 0.0 385.0

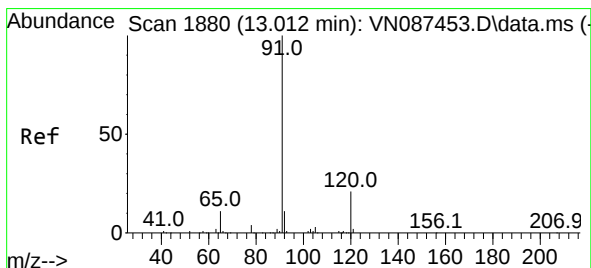
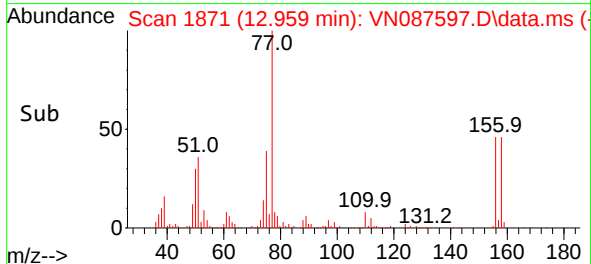
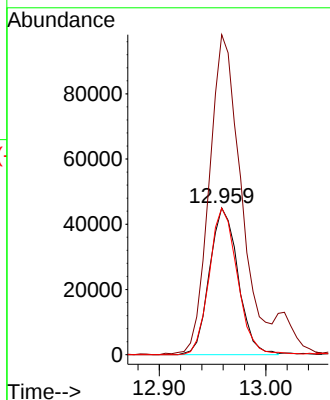
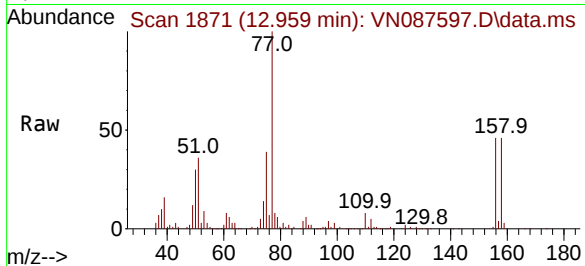




#73
Bromobenzene
Concen: 18.395 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

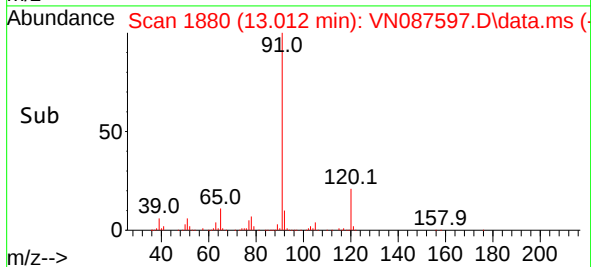
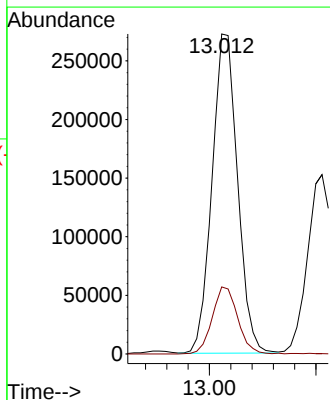
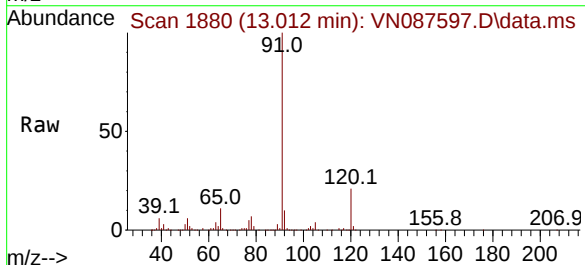
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBSD01

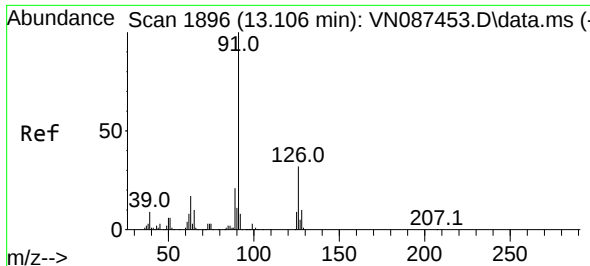
Tgt Ion:156 Resp: 83683
Ion Ratio Lower Upper
156 100
77 243.6 0.0 506.6
158 98.7 0.0 193.6



#74
n-propylbenzene
Concen: 18.487 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Tgt Ion: 91 Resp: 453083
Ion Ratio Lower Upper
91 100
120 20.8 0.0 41.8

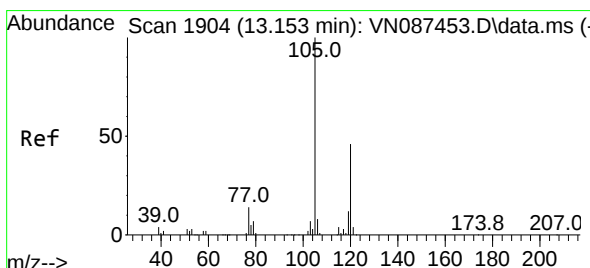
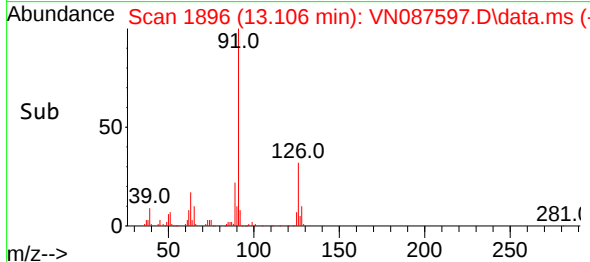
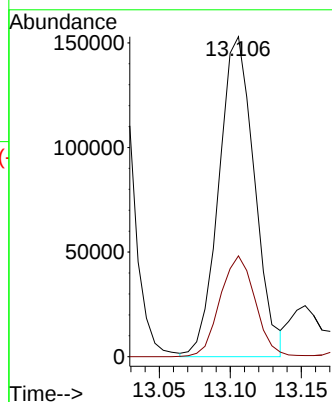
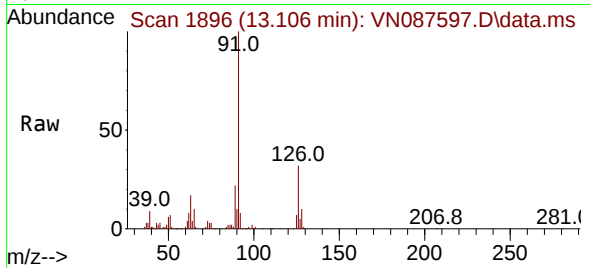




#75
2-Chlorotoluene
Concen: 17.725 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

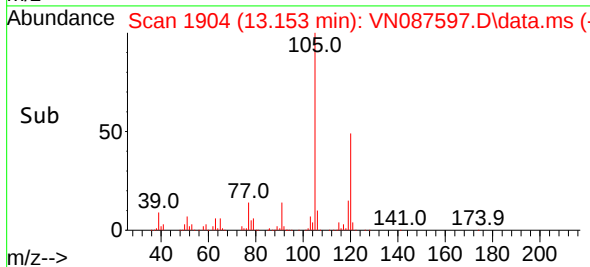
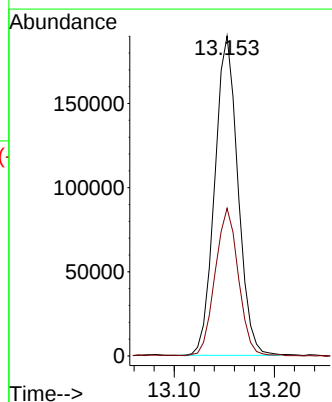
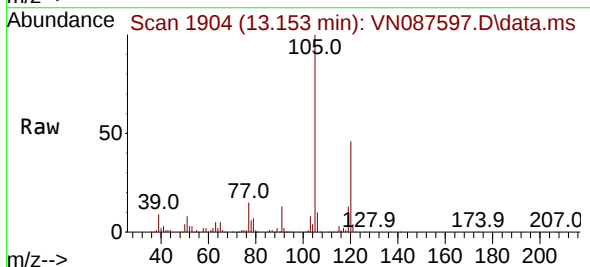
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBSD01

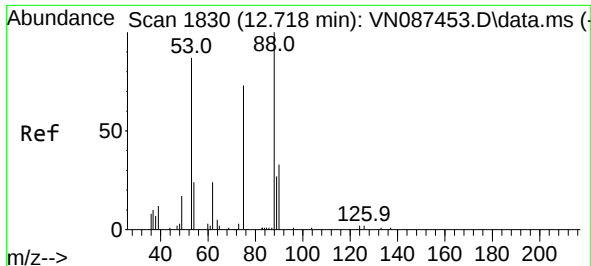
Tgt Ion: 91 Resp: 267207
Ion Ratio Lower Upper
91 100
126 31.1 0.0 60.4



#76
1,3,5-Trimethylbenzene
Concen: 18.123 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Tgt Ion: 105 Resp: 304513
Ion Ratio Lower Upper
105 100
120 46.1 0.0 91.2

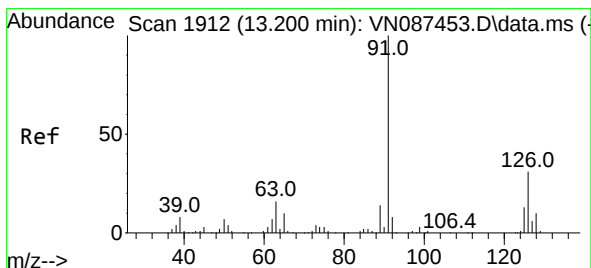
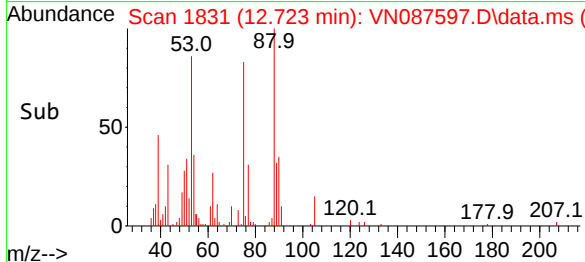
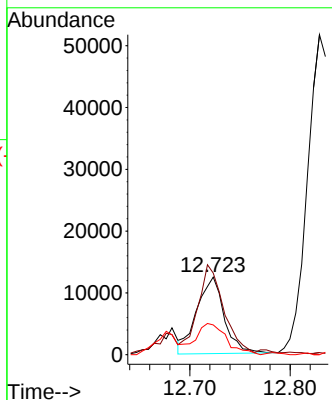
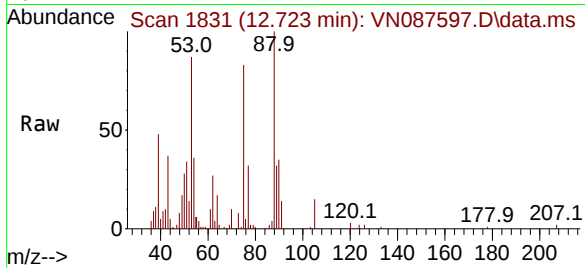




#77
t-1,4-Dichloro-2-butene
Concen: 9.930 ug/l
RT: 12.723 min Scan# 1831
Delta R.T. 0.006 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

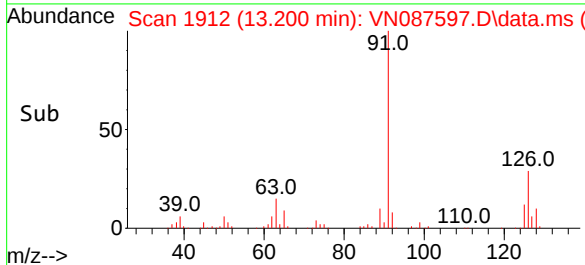
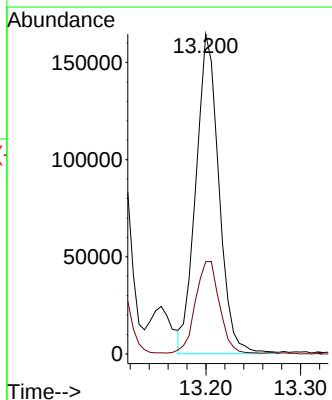
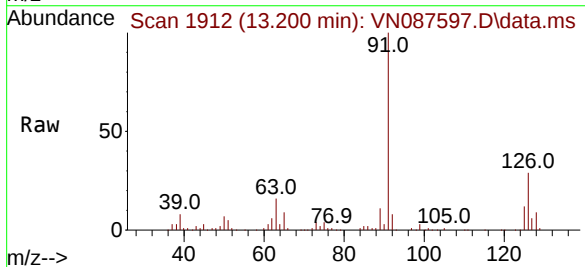
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBSD01

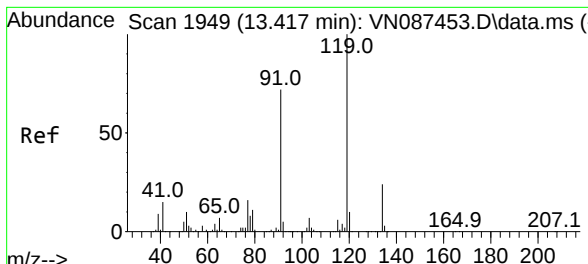
Tgt Ion: 75 Resp: 23545
Ion Ratio Lower Upper
75 100
53 105.4 59.0 176.8
89 37.5 22.1 66.5



#78
4-Chlorotoluene
Concen: 18.218 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Tgt Ion: 91 Resp: 278322
Ion Ratio Lower Upper
91 100
126 30.6 0.0 63.2

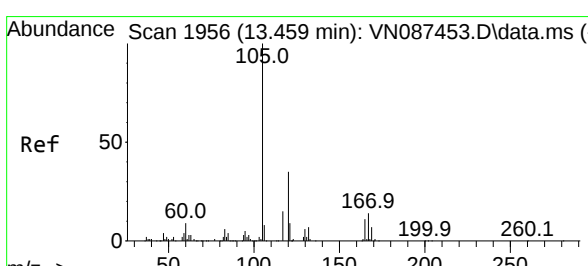
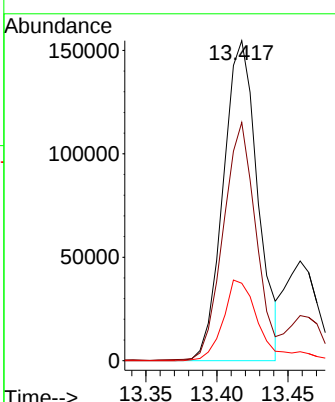
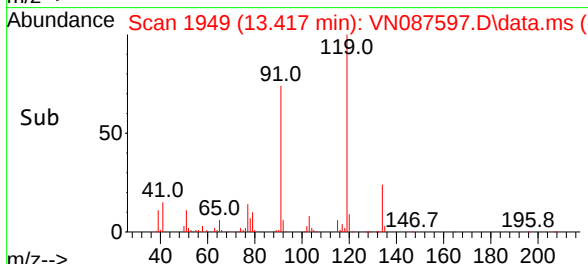
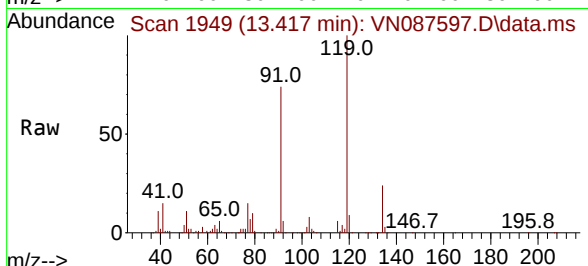




#79
 tert-butylbenzene
 Concen: 18.475 ug/l
 RT: 13.417 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VN087597.D
 Acq: 18 Aug 2025 10:39

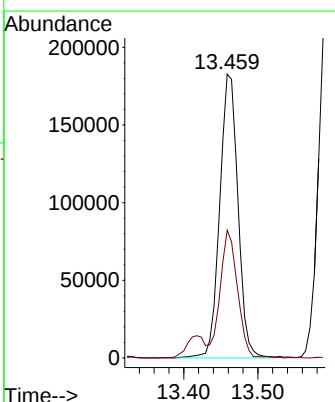
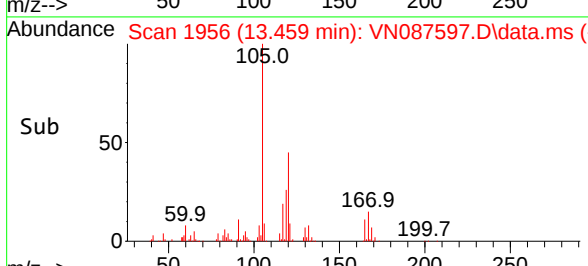
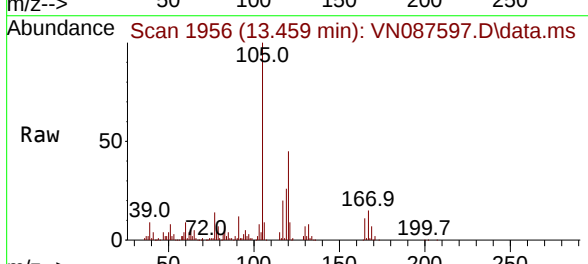
Instrument : MSVOA_N
 ClientSampleId : VN0818WBSD01

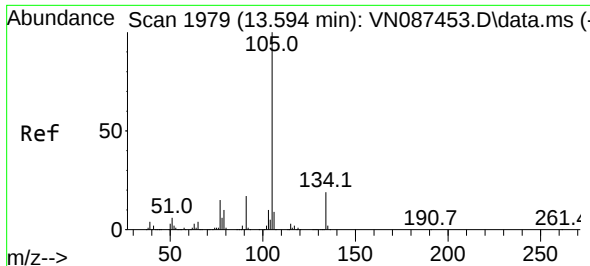
Tgt Ion:	119	Resp:	261728
Ion Ratio	Lower	Upper	
119	100		
91	70.3	0.0	141.6
134	25.1	0.0	45.6



#80
 1,2,4-Trimethylbenzene
 Concen: 18.643 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. -0.000 min
 Lab File: VN087597.D
 Acq: 18 Aug 2025 10:39

Tgt Ion:	105	Resp:	312997
Ion Ratio	Lower	Upper	
105	100		
120	42.3	0.0	87.2

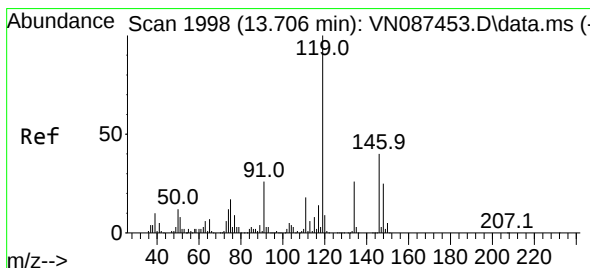
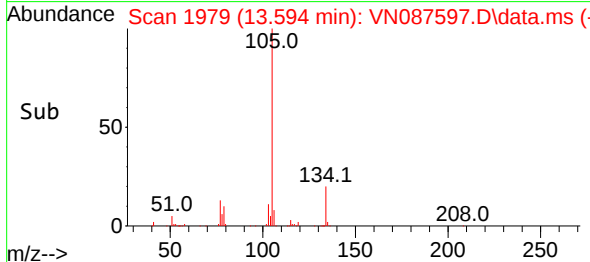
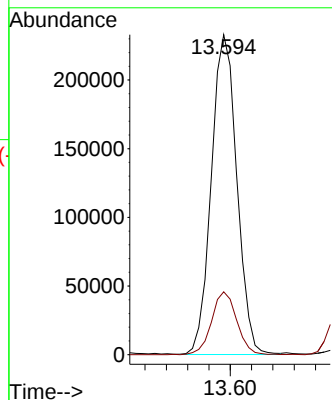
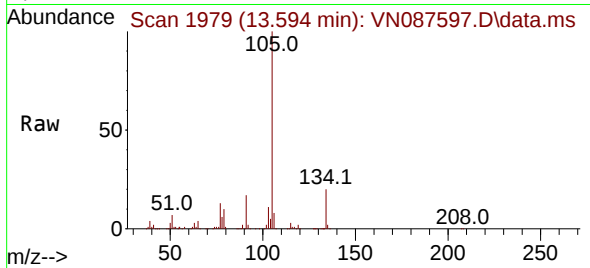




#81
 sec-Butylbenzene
 Concen: 18.786 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN087597.D
 Acq: 18 Aug 2025 10:39

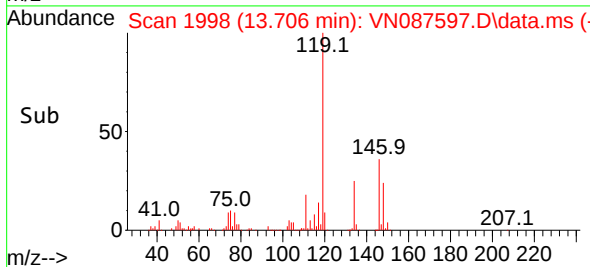
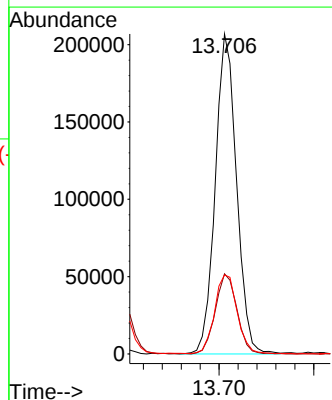
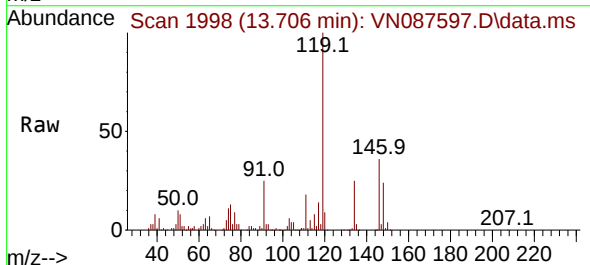
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0818WBSD01

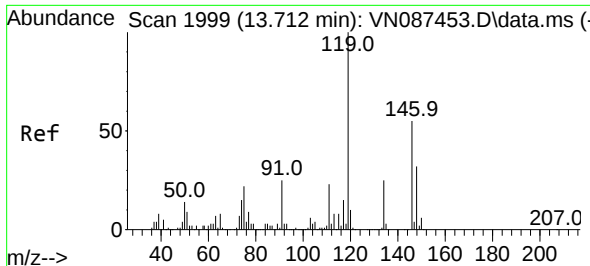
Tgt Ion:105 Resp: 387428
 Ion Ratio Lower Upper
 105 100
 134 19.3 0.0 37.6



#82
 p-Isopropyltoluene
 Concen: 18.883 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087597.D
 Acq: 18 Aug 2025 10:39

Tgt Ion:119 Resp: 323351
 Ion Ratio Lower Upper
 119 100
 134 25.5 0.0 51.4
 91 26.0 0.0 52.0

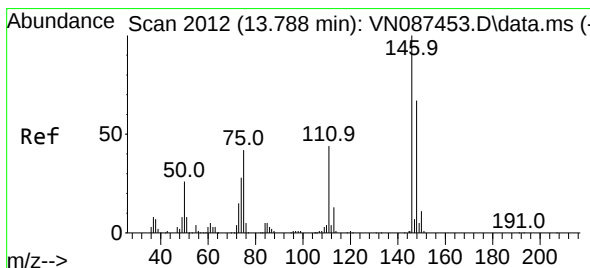
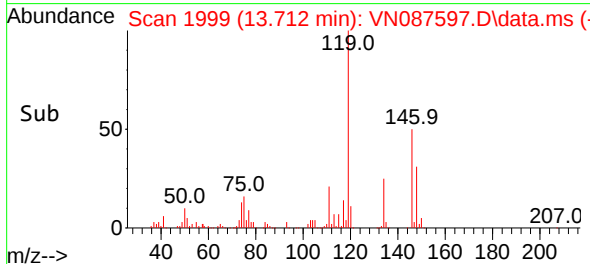
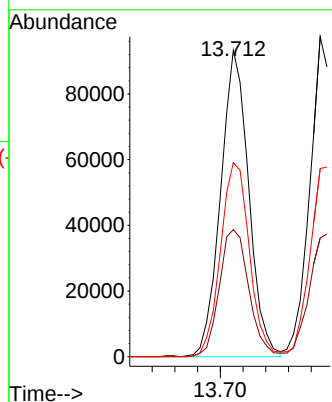
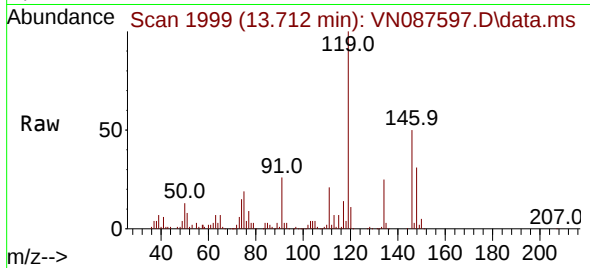




#83
 1,3-Dichlorobenzene
 Concen: 18.514 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN087597.D
 Acq: 18 Aug 2025 10:39

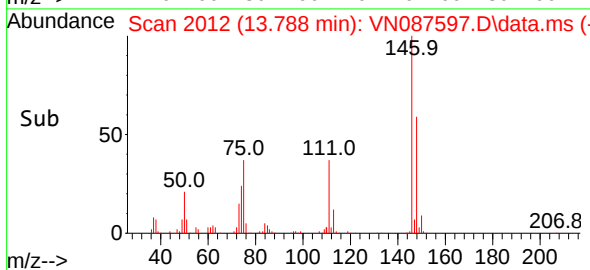
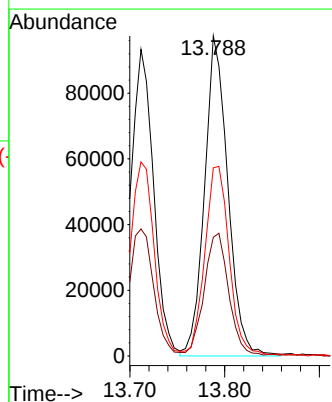
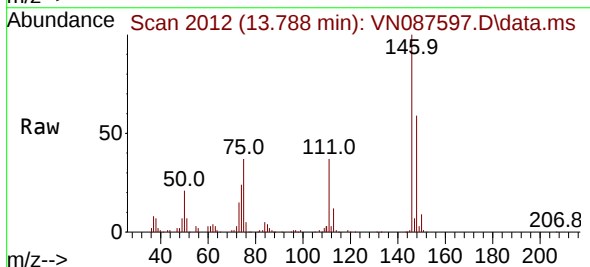
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0818WBSD01

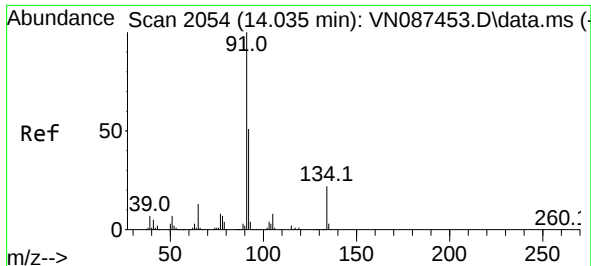
Tgt Ion:146 Resp: 160385
 Ion Ratio Lower Upper
 146 100
 111 43.7 21.9 65.5
 148 65.2 31.3 93.9



#84
 1,4-Dichlorobenzene
 Concen: 18.987 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: VN087597.D
 Acq: 18 Aug 2025 10:39

Tgt Ion:146 Resp: 166757
 Ion Ratio Lower Upper
 146 100
 111 40.3 21.1 63.1
 148 62.0 31.4 94.3

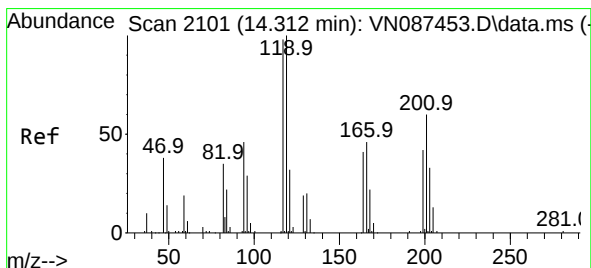
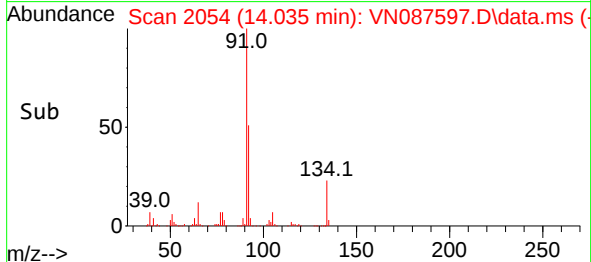
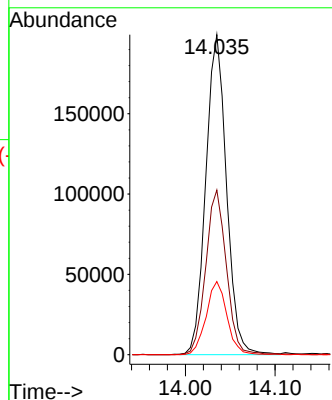
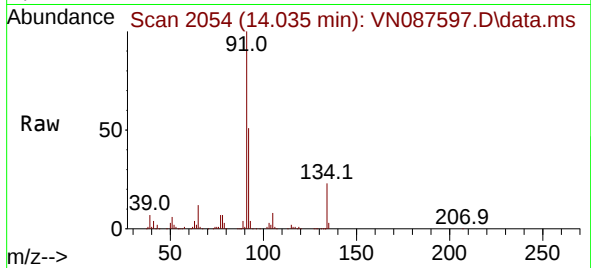




#85
n-Butylbenzene
Concen: 19.066 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

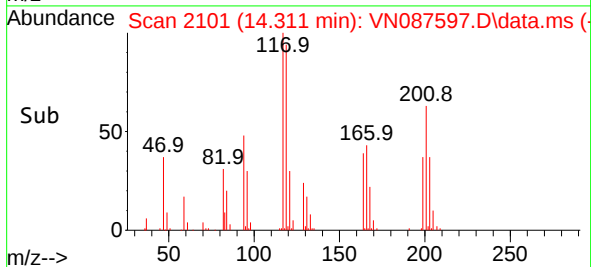
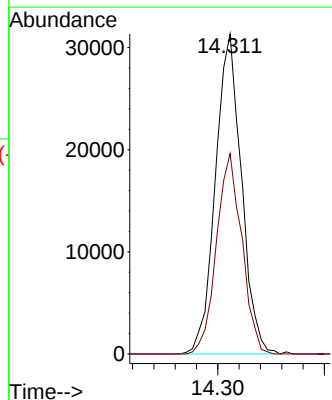
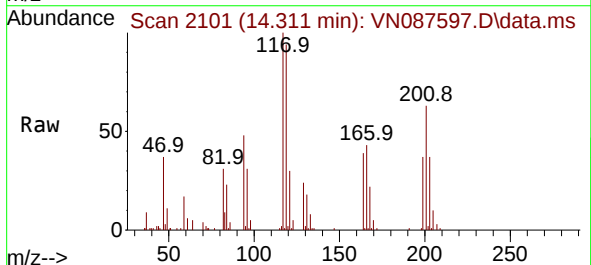
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBSD01

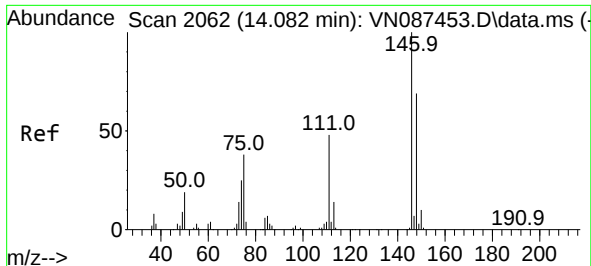
Tgt Ion: 91 Resp: 319419
Ion Ratio Lower Upper
91 100
92 51.1 0.0 106.6
134 23.0 0.0 44.4



#86
Hexachloroethane
Concen: 15.886 ug/l
RT: 14.311 min Scan# 2101
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Tgt Ion: 117 Resp: 53120
Ion Ratio Lower Upper
117 100
201 61.0 29.1 87.4

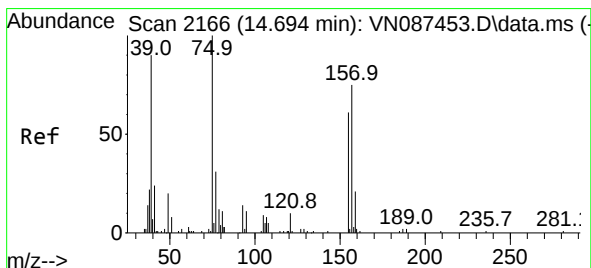
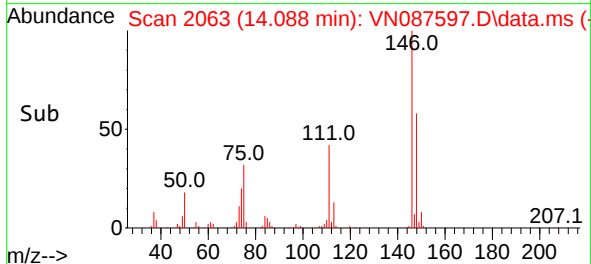
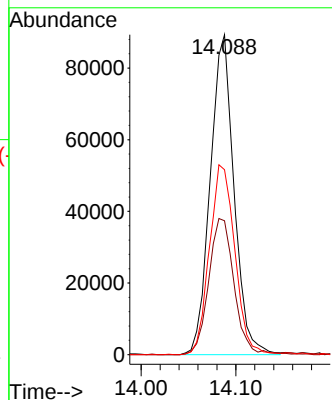
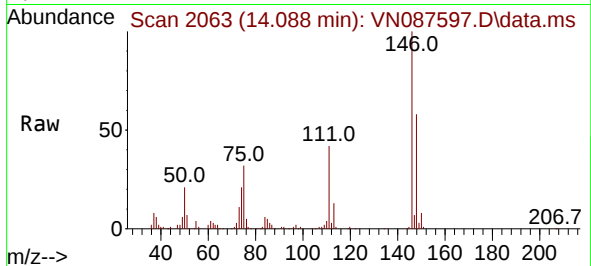




#87
1,2-Dichlorobenzene
Concen: 18.875 ug/l
RT: 14.088 min Scan# 2062
Delta R.T. 0.006 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

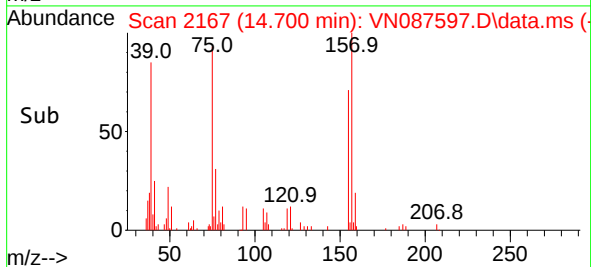
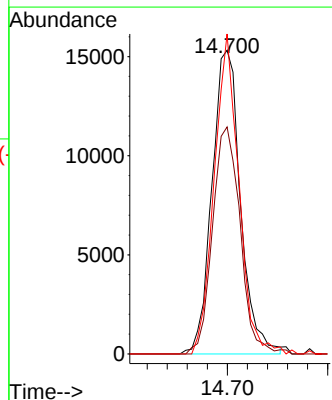
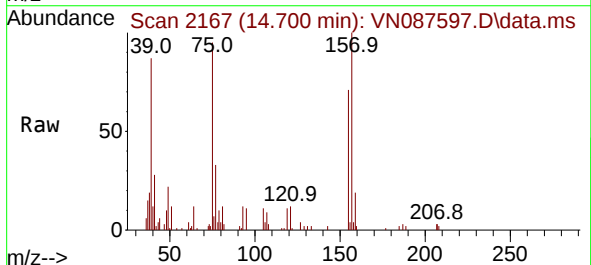
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBSD01

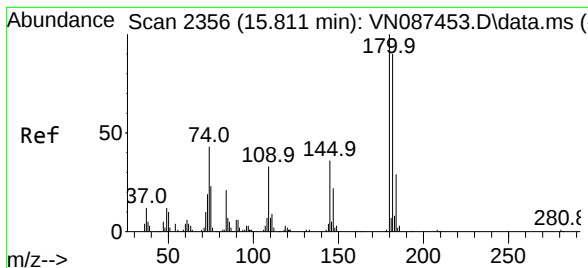
Tgt Ion:146 Resp: 156074
Ion Ratio Lower Upper
146 100
111 45.2 22.9 68.7
148 63.3 31.6 94.7



#88
1,2-Dibromo-3-Chloropropane
Concen: 17.728 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.006 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Tgt Ion: 75 Resp: 30197
Ion Ratio Lower Upper
75 100
155 72.3 55.7 83.5
157 91.1 65.8 98.6





#89

1,2,4-Trichlorobenzene

Concen: 18.473 ug/l

RT: 15.811 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN087597.D

Acq: 18 Aug 2025 10:39

Instrument :

MSVOA_N

ClientSampleId :

VN0818WBSD01

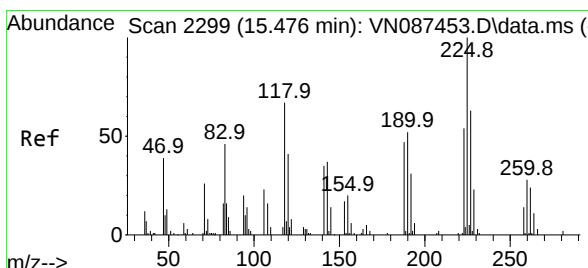
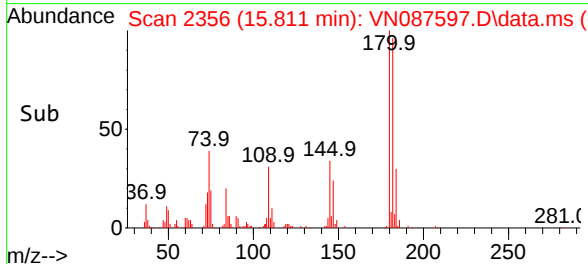
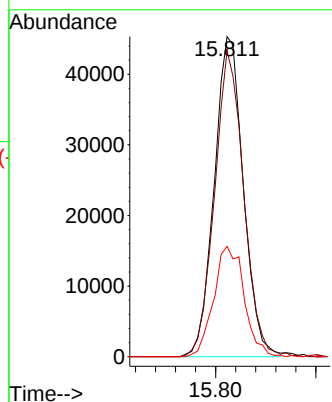
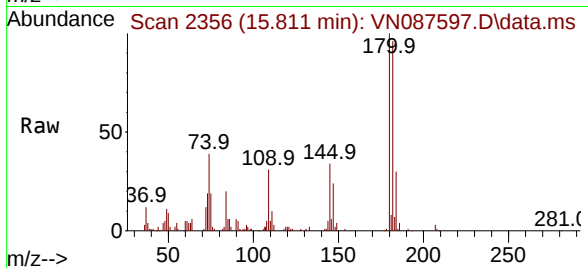
Tgt Ion:180 Resp: 91292

Ion Ratio Lower Upper

180 100

182 95.6 75.0 112.4

145 36.0 28.6 43.0



#90

Hexachlorobutadiene

Concen: 18.571 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. -0.000 min

Lab File: VN087597.D

Acq: 18 Aug 2025 10:39

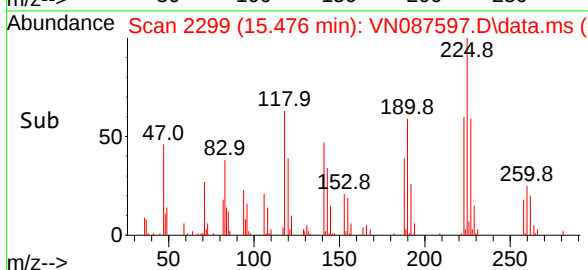
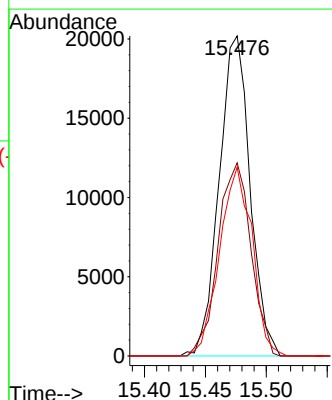
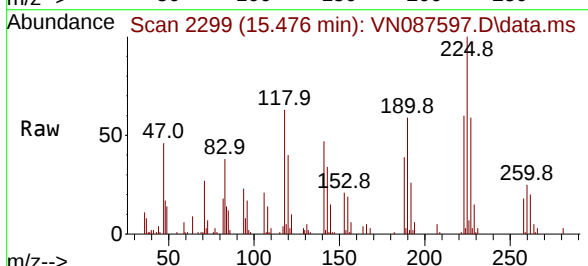
Tgt Ion:225 Resp: 35687

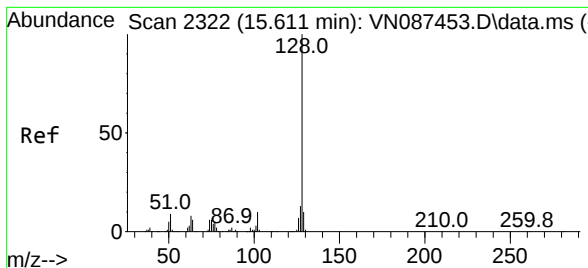
Ion Ratio Lower Upper

225 100

223 64.3 0.0 116.0

227 62.0 0.0 127.0

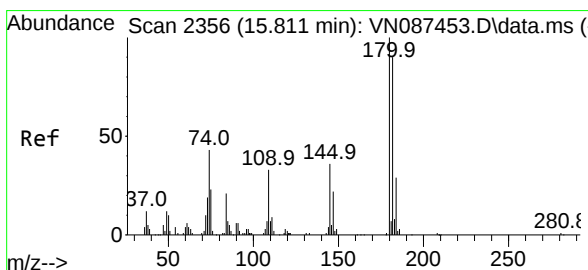
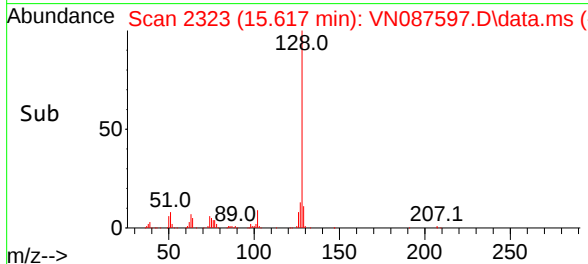
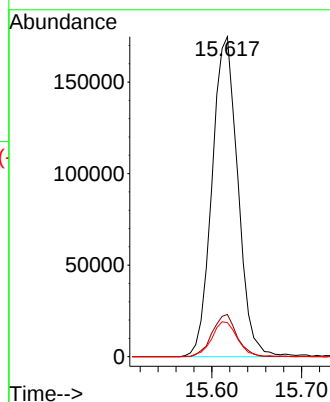
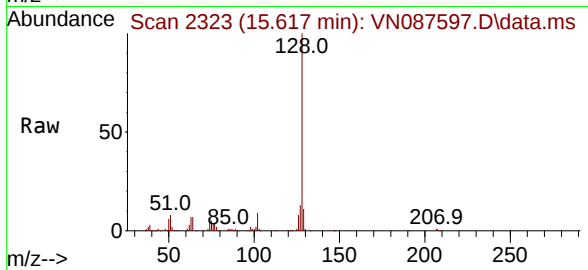




#91
Naphthalene
Concen: 18.506 ug/l
RT: 15.617 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Instrument :
MSVOA_N
ClientSampleId :
VN0818WBSD01

Tgt Ion:128 Resp: 348710
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.8 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 18.473 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. -0.000 min
Lab File: VN087597.D
Acq: 18 Aug 2025 10:39

Tgt Ion:180 Resp: 91292
Ion Ratio Lower Upper
180 100
182 95.6 0.0 187.4
145 36.0 0.0 71.6

