

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090425\
 Data File : VN087728.D
 Acq On : 04 Sep 2025 17:25
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Sep 05 02:58:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 05 02:54:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.800	128	46852	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	242946	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	230623	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	117102	27.758	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	92.533%		
60) 4-Bromofluorobenzene	12.823	95	115538	29.459	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	98.200%		
63) Toluene-d8	10.547	98	323414	30.351	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	101.167%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	313567	105.918	ug/l	98
3) Chloromethane	2.383	50	318166	105.287	ug/l	96
4) Vinyl Chloride	2.536	62	361611	111.652	ug/l	98
5) Bromomethane	2.965	94	215103	120.487	ug/l	94
6) Chloroethane	3.130	64	237607	112.048	ug/l	88
7) Trichlorofluoromethane	3.512	101	524031	111.602	ug/l	87
8) Diethyl Ether	3.959	74	215410	110.579	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	277895	113.762	ug/l	42
10) 1,1-Dichloroethene	4.336	96	294057	116.806	ug/l	92
11) Methyl Iodide	4.583	142	246645	124.799	ug/l	90
12) Methyl Acetate	5.018	43	465095	101.938	ug/l	99
13) Acrolein	4.347	56	962	1.349	ug/l	96
14) Acrylonitrile	5.712	53	995146	504.249	ug/l	99
15) Acetone	4.424	58	276885	494.569	ug/l	84
16) Carbon Disulfide	4.706	76	801928	104.109	ug/l #	91
17) Allyl chloride	5.012	41	481807	96.965	ug/l	92
18) Methylene Chloride	5.265	84	326426	102.788	ug/l	94
19) trans-1,2-Dichloroethene	5.777	96	306937	104.453	ug/l	94
20) Diisopropyl ether	6.659	45	1145464	101.181	ug/l	95
21) 1,1-Dichloroethane	6.553	63	605635	102.873	ug/l	97
22) cis-1,2-Dichloroethene	7.471	96	370129	102.956	ug/l	96
23) tert-Butyl Alcohol	5.530	59	340216	414.715	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	1088266	98.657	ug/l	97
25) Chloroform	7.947	83	632337	102.023	ug/l	95
26) Cyclohexane	8.235	56	470916	101.149	ug/l #	99
29) 1,1-Dichloropropene	8.353	75	418041	107.353	ug/l	99
30) 2-Butanone	7.471	43	1409990	499.926	ug/l	98
31) 2,2-Dichloropropane	7.477	77	498763	102.230	ug/l	99
32) 1,1,1-Trichloroethane	8.153	97	524015	104.920	ug/l	99
33) Carbon Tetrachloride	8.341	117	431973	105.102	ug/l	98
34) Benzene	8.588	78	1341472	108.630	ug/l	96
35) Methacrylonitrile	7.765	41	305644	99.759	ug/l	96
36) 1,2-Dichloroethane	8.653	62	500793	101.728	ug/l	99
37) Trichloroethene	9.335	130	296546	109.044	ug/l	97
38) Methylcyclohexane	9.582	83	466295	104.964	ug/l	97
39) 1,2-Dichloropropane	9.600	63	346311	109.431	ug/l	98
40) Dibromomethane	9.688	93	255456	107.958	ug/l	98
41) Bromodichloromethane	9.871	83	524173	106.078	ug/l	96
42) Vinyl Acetate	6.588	43	4938740	532.259	ug/l	100

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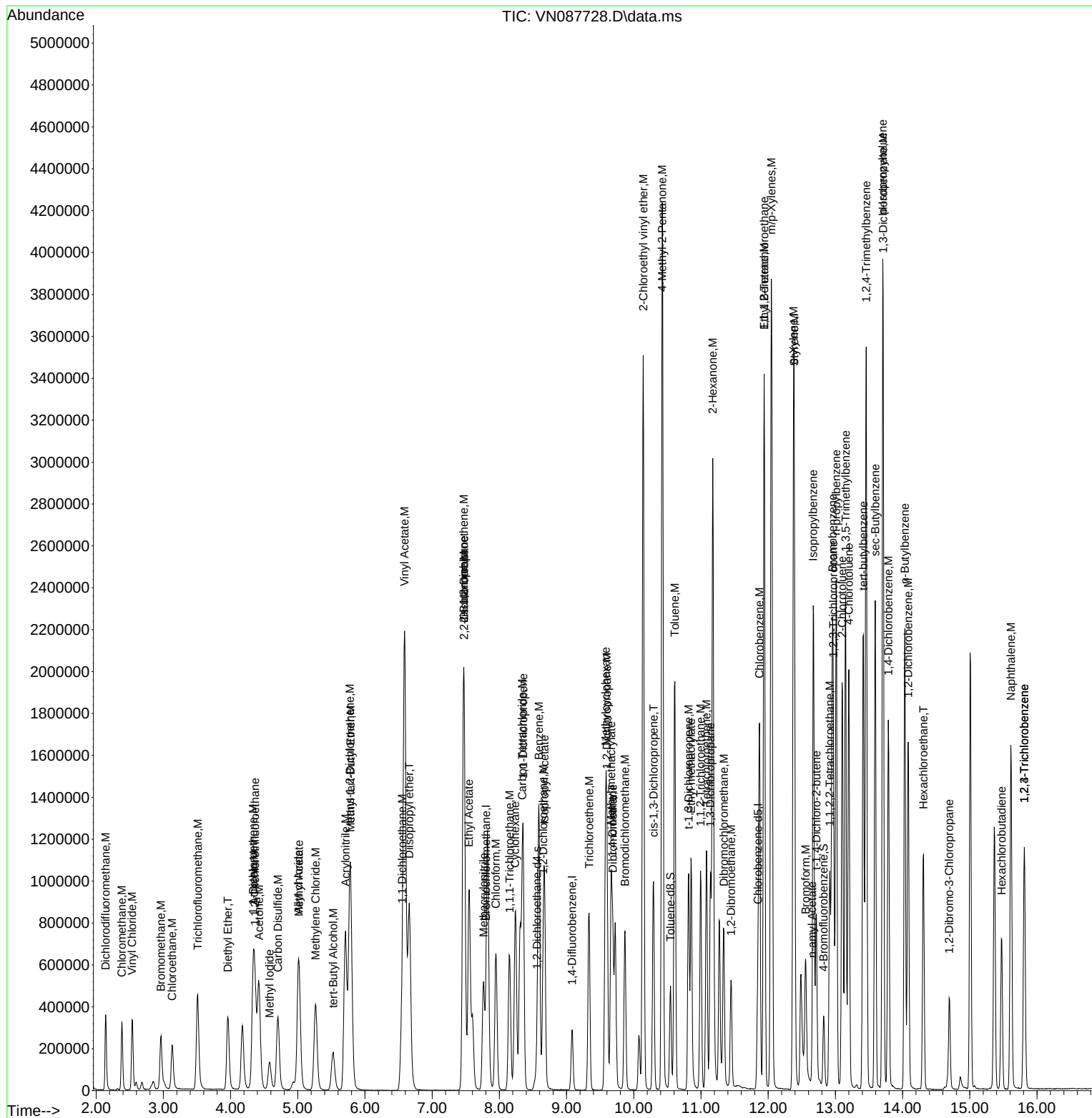
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	570267	102.596	ug/l	99
44) Isopropyl Acetate	8.671	43	951384	102.889	ug/l	99
45) 1,4-Dioxane	9.682	88	116145	1961.964	ug/l #	81
46) Methyl methacrylate	9.665	41	440189	101.703	ug/l	97
47) n-amyl Acetate	12.653	43	2029	0.377	ug/l #	44
48) t-1,3-Dichloropropene	10.818	75	563552	106.986	ug/l	99
49) cis-1,3-Dichloropropene	10.294	75	576775	108.492	ug/l	93
50) 1,1,2-Trichloroethane	10.994	97	324897	108.095	ug/l	97
51) Ethyl methacrylate	10.853	69	569562	111.057	ug/l	96
52) 1,3-Dichloropropane	11.141	76	582005	108.009	ug/l	100
53) Dibromochloromethane	11.341	129	378765	110.707	ug/l	93
54) 1,2-Dibromoethane	11.447	107	342831	108.245	ug/l	100
55) 2-Chloroethyl vinyl ether	10.141	63	1528234	551.521	ug/l	99
56) Bromoform	12.559	173	252313	111.308	ug/l	99
58) 4-Methyl-2-Pentanone	10.424	43	2897553	507.772	ug/l	99
59) 2-Hexanone	11.176	43	2049165	530.247	ug/l	97
61) Tetrachloroethene	11.082	164	234889	105.508	ug/l	94
62) Toluene	10.612	91	1487570	107.196	ug/l	99
64) Chlorobenzene	11.870	112	915703	107.540	ug/l	94
65) 1,1,1,2-Tetrachloroethane	11.941	131	316148	105.470	ug/l	97
66) Ethyl Benzene	11.941	91	1649107	107.822	ug/l	94
67) m/p-Xylenes	12.047	106	1230087	218.504	ug/l	96
68) o-Xylene	12.376	106	594671	107.086	ug/l	95
69) Styrene	12.388	104	1056802	111.873	ug/l	99
70) Isopropylbenzene	12.670	105	1525065	109.171	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.917	83	514778	105.616	ug/l	100
72) 1,2,3-Trichloropropane	12.970	75	687882	151.276	ug/l	55
73) Bromobenzene	12.959	156	356832	108.052	ug/l	98
74) n-propylbenzene	13.012	91	1910176	108.687	ug/l	100
75) 2-Chlorotoluene	13.100	91	1125992	104.153	ug/l	97
76) 1,3,5-Trimethylbenzene	13.153	105	1280589	106.824	ug/l	98
77) t-1,4-Dichloro-2-butene	12.717	75	189778	111.145	ug/l	85
78) 4-Chlorotoluene	13.200	91	1157012	105.159	ug/l	98
79) tert-butylbenzene	13.417	119	1071115	106.056	ug/l	98
80) 1,2,4-Trimethylbenzene	13.459	105	1304823	107.903	ug/l	98
81) sec-Butylbenzene	13.594	105	1563520	106.168	ug/l	98
82) p-Isopropyltoluene	13.706	119	1301395	106.747	ug/l	97
83) 1,3-Dichlorobenzene	13.712	146	691902	109.350	ug/l	99
84) 1,4-Dichlorobenzene	13.788	146	697980	109.576	ug/l	100
85) n-Butylbenzene	14.035	91	1257557	106.198	ug/l	99
86) Hexachloroethane	14.311	117	253844	104.907	ug/l	98
87) 1,2-Dichlorobenzene	14.082	146	657359	109.561	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	14.694	75	118055	97.139	ug/l	93
89) 1,2,4-Trichlorobenzene	15.811	180	377288	106.405	ug/l	99
90) Hexachlorobutadiene	15.476	225	122782	90.327	ug/l	94
91) Naphthalene	15.611	128	1453918	108.784	ug/l	99
92) 1,2,3-Trichlorobenzene	15.811	180	377288	106.405	ug/l	99

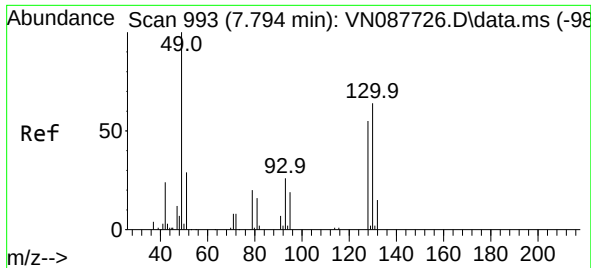
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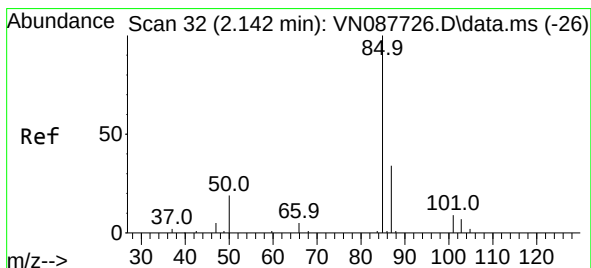
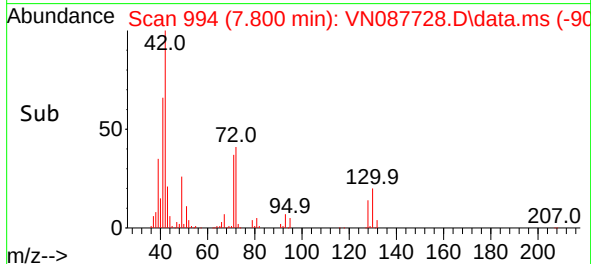
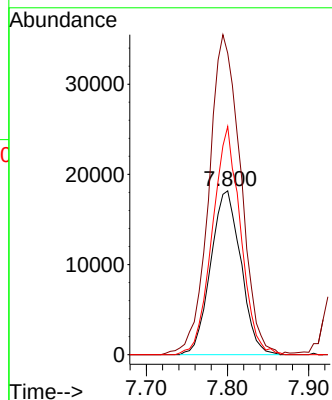
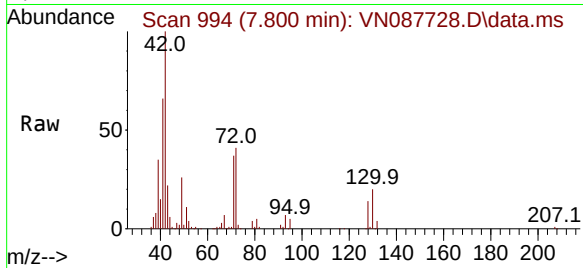




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 993
Delta R.T. 0.006 min
Lab File: VN087728.D
Acq: 04 Sep 2025 17:25

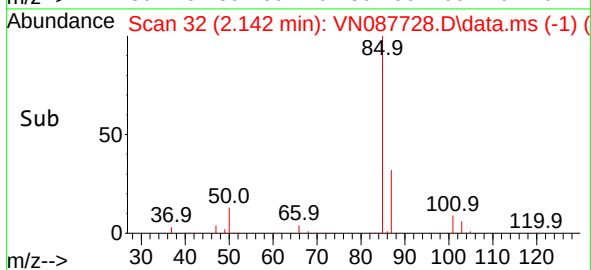
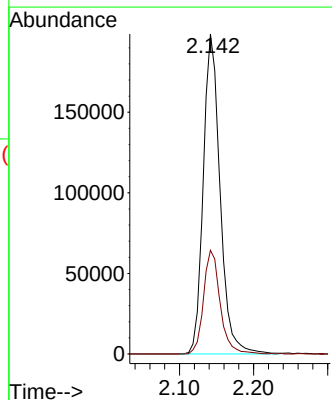
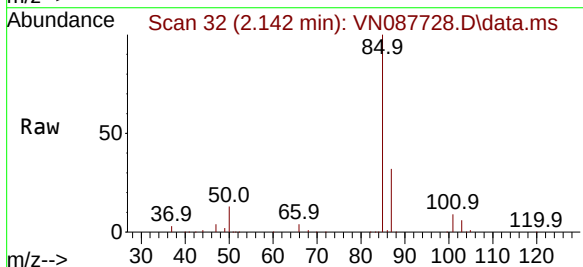
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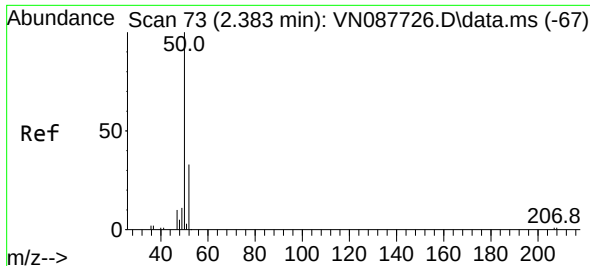
Tgt Ion:128 Resp: 46852
Ion Ratio Lower Upper
128 100
49 206.0 0.0 464.3
130 130.5 0.0 300.5



#2
Dichlorodifluoromethane
Concen: 105.918 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087728.D
Acq: 04 Sep 2025 17:25

Tgt Ion: 85 Resp: 313567
Ion Ratio Lower Upper
85 100
87 32.4 16.8 50.4

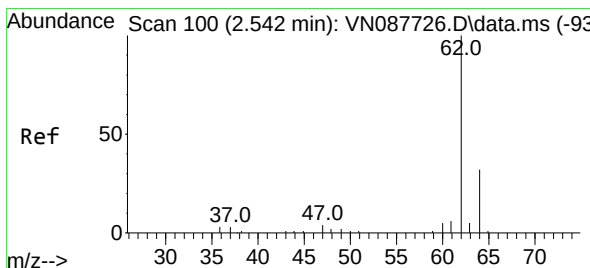
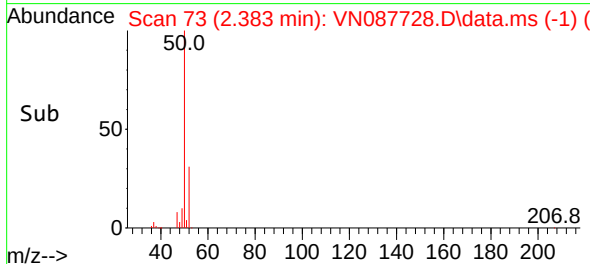
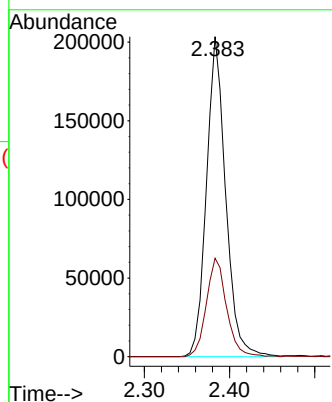
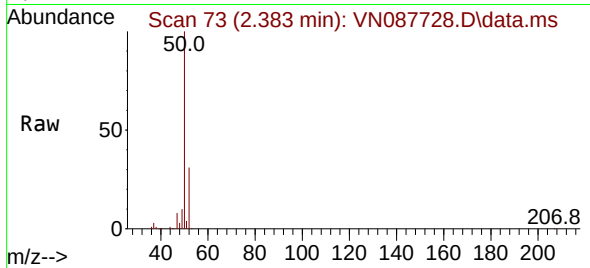




#3
Chloromethane
Concen: 105.287 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087728.D
Acq: 04 Sep 2025 17:25

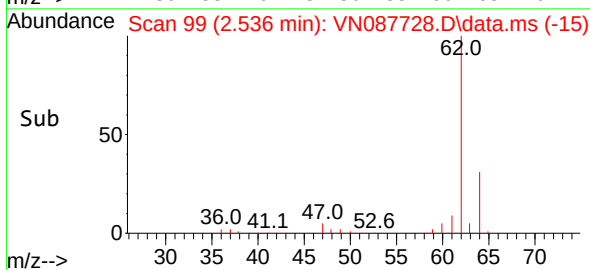
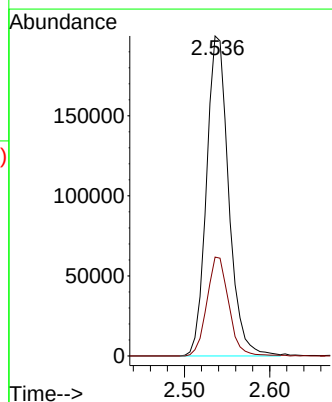
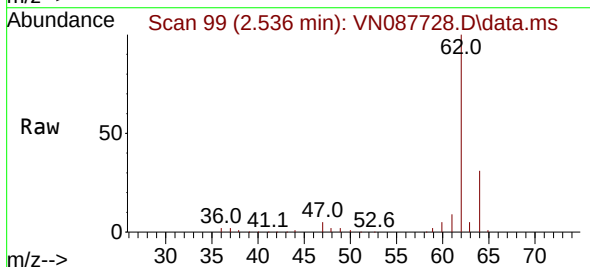
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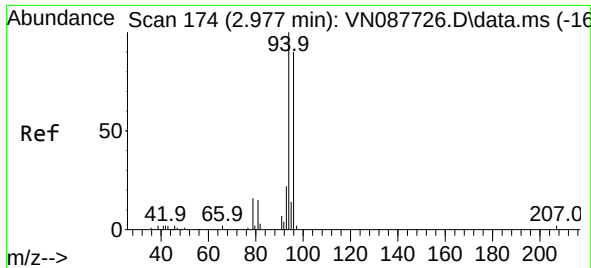
Tgt Ion: 50 Resp: 318166
Ion Ratio Lower Upper
50 100
52 30.8 26.6 40.0



#4
Vinyl Chloride
Concen: 111.652 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087728.D
Acq: 04 Sep 2025 17:25

Tgt Ion: 62 Resp: 361611
Ion Ratio Lower Upper
62 100
64 30.9 25.5 38.3

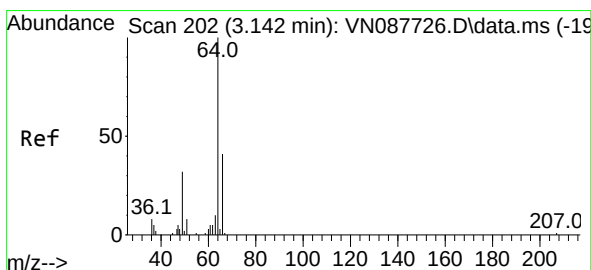
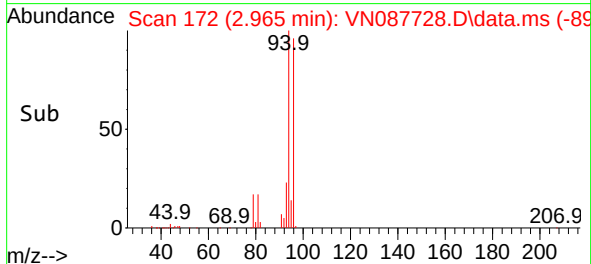
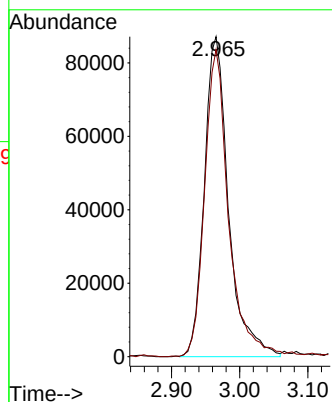
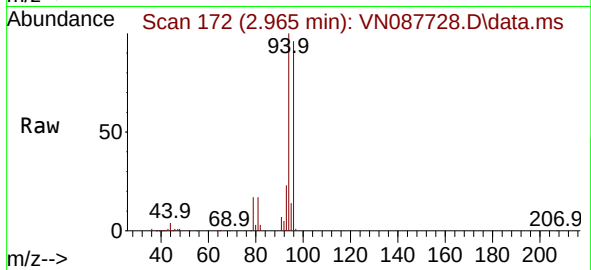




#5
Bromomethane
Concen: 120.487 ug/l
RT: 2.965 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN087728.D
Acq: 04 Sep 2025 17:25

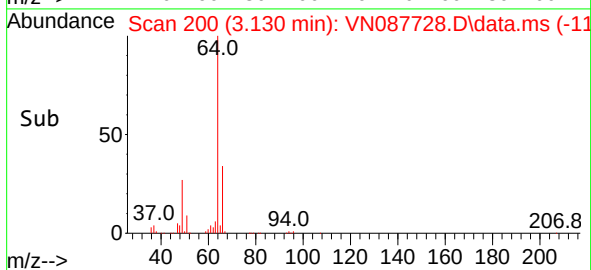
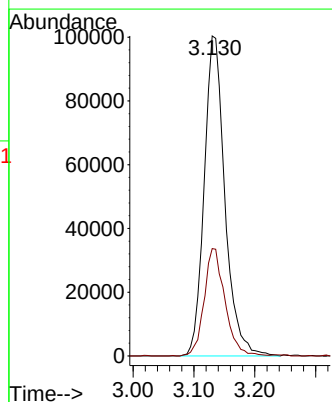
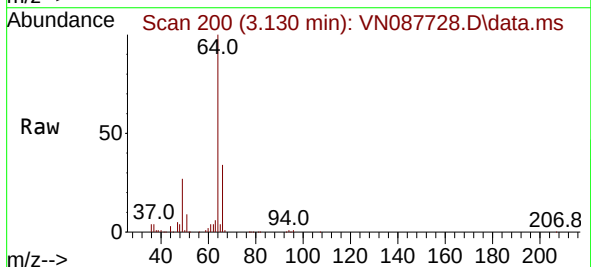
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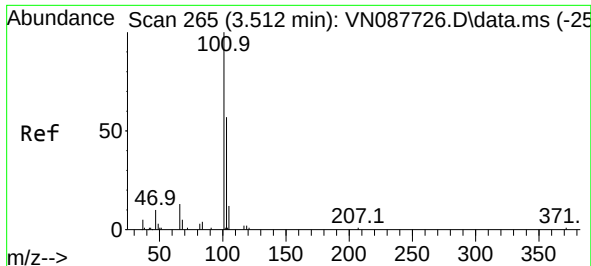
Tgt Ion: 94 Resp: 215103
Ion Ratio Lower Upper
94 100
96 95.7 72.2 108.4



#6
Chloroethane
Concen: 112.048 ug/l
RT: 3.130 min Scan# 200
Delta R.T. -0.012 min
Lab File: VN087728.D
Acq: 04 Sep 2025 17:25

Tgt Ion: 64 Resp: 237607
Ion Ratio Lower Upper
64 100
66 33.6 32.8 49.2

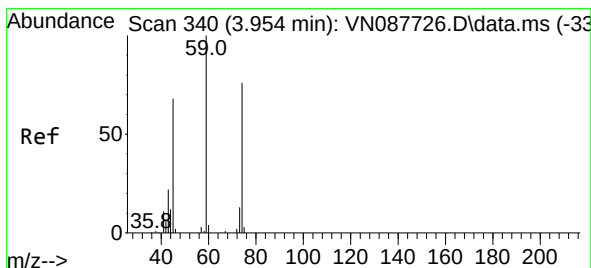
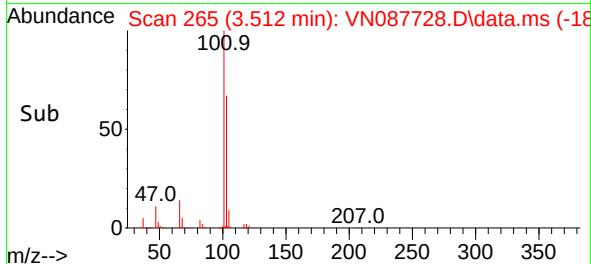
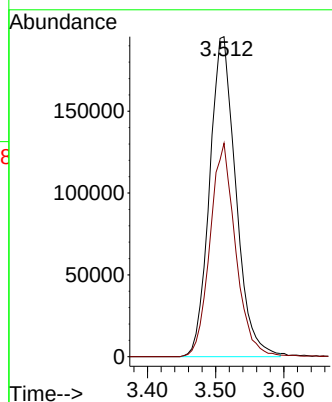
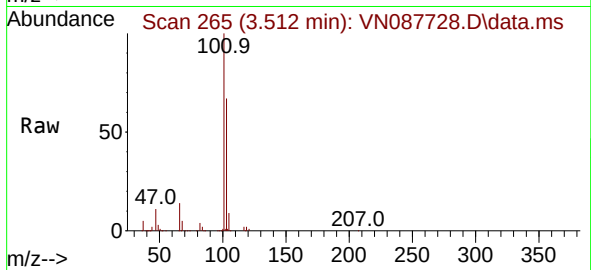




#7
 Trichlorofluoromethane
 Concen: 111.602 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. -0.000 min
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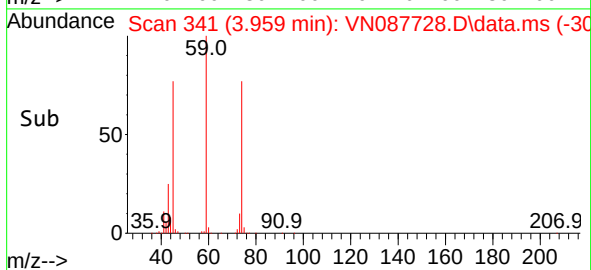
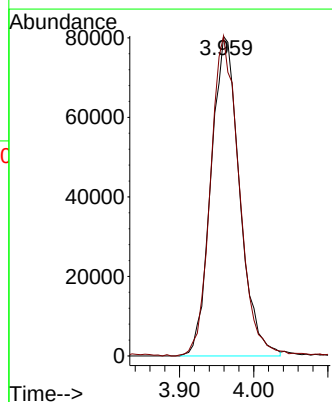
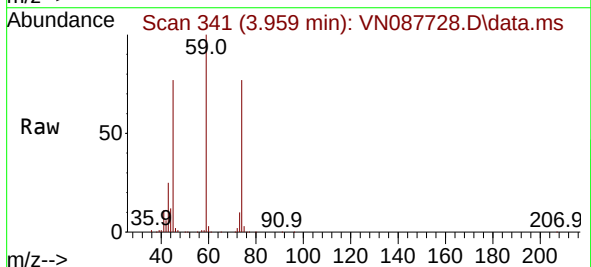
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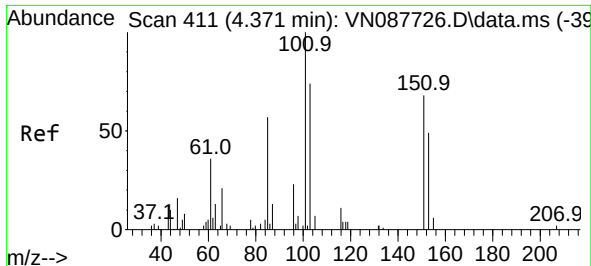
Tgt Ion:101 Resp: 524031
 Ion Ratio Lower Upper
 101 100
 103 66.7 45.7 68.5



#8
 Diethyl Ether
 Concen: 110.579 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN087728.D
 Acq: 04 Sep 2025 17:25

Tgt Ion: 74 Resp: 215410
 Ion Ratio Lower Upper
 74 100
 45 100.1 20.4 183.8

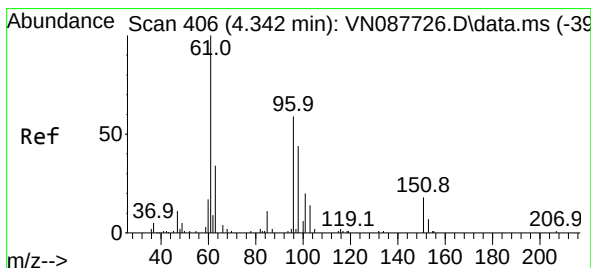
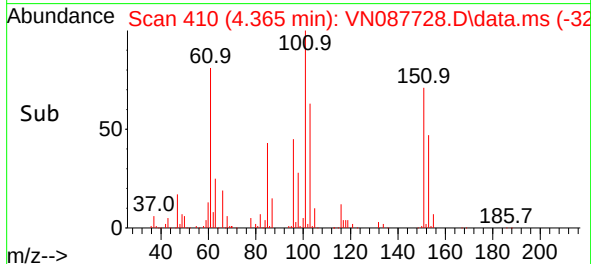
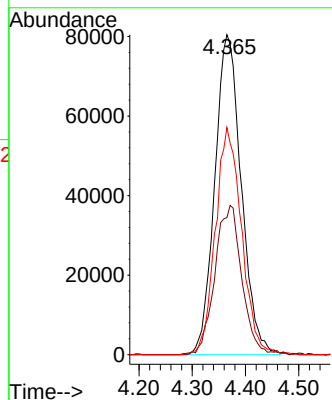
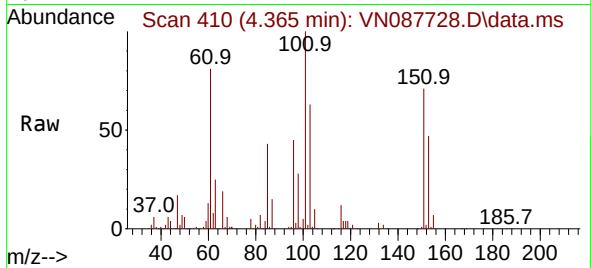




#9
1,1,2-Trichlorotrifluoroethane
Concen: 113.762 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
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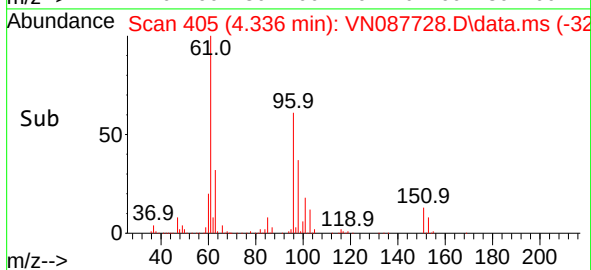
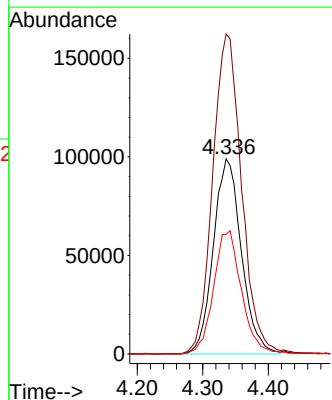
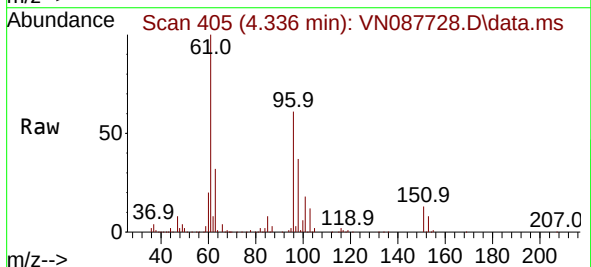
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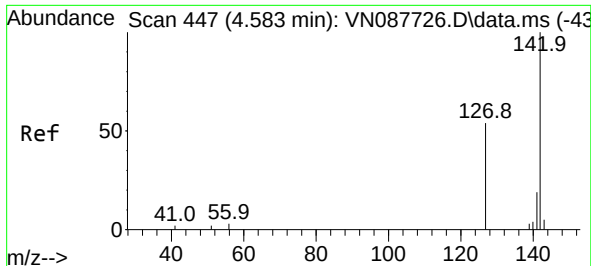
Tgt Ion:101 Resp: 277895
Ion Ratio Lower Upper
101 100
85 0.1 0.0 95.6
151 70.1 0.0 85.8



#10
1,1-Dichloroethene
Concen: 116.806 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN087728.D
Acq: 04 Sep 2025 17:25

Tgt Ion: 96 Resp: 294057
Ion Ratio Lower Upper
96 100
61 164.0 135.9 203.9
98 61.4 59.2 88.8

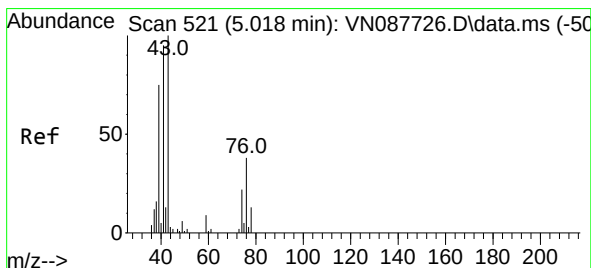
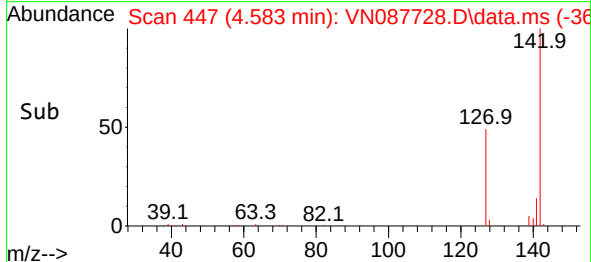
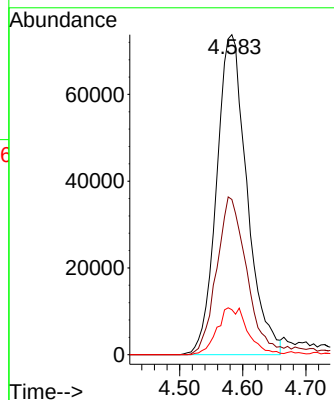
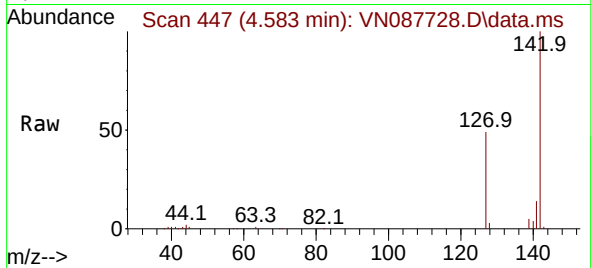




#11
Methyl Iodide
Concen: 124.799 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN087728.D
Acq: 04 Sep 2025 17:25

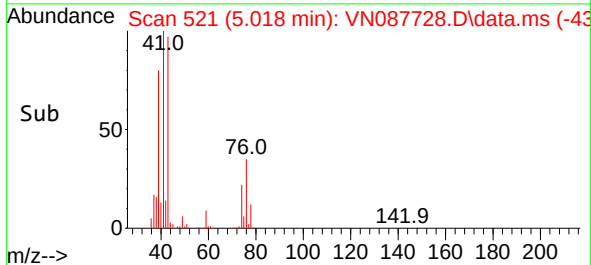
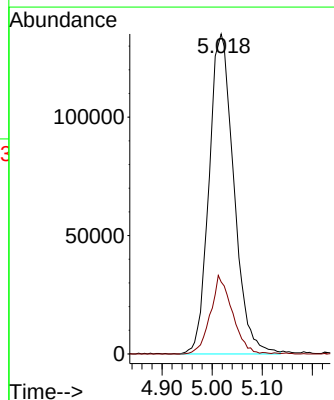
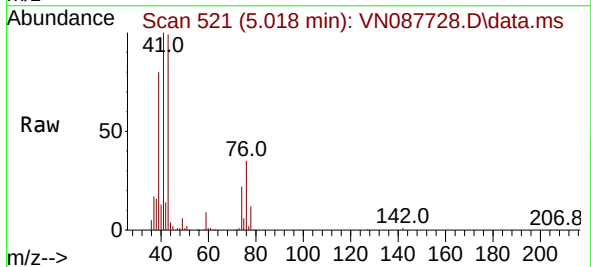
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

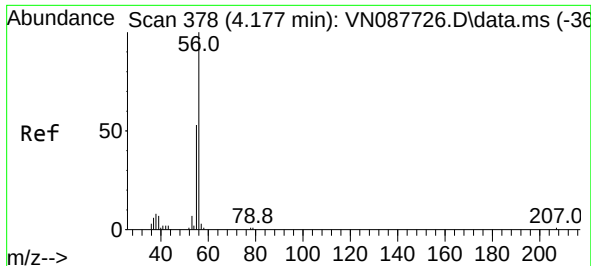
Tgt Ion:142 Resp: 246645
Ion Ratio Lower Upper
142 100
127 48.3 27.9 83.7
141 14.1 9.6 28.8



#12
Methyl Acetate
Concen: 101.938 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN087728.D
Acq: 04 Sep 2025 17:25

Tgt Ion: 43 Resp: 465095
Ion Ratio Lower Upper
43 100
74 22.5 17.5 26.3

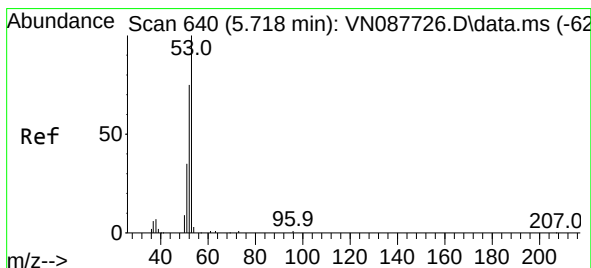
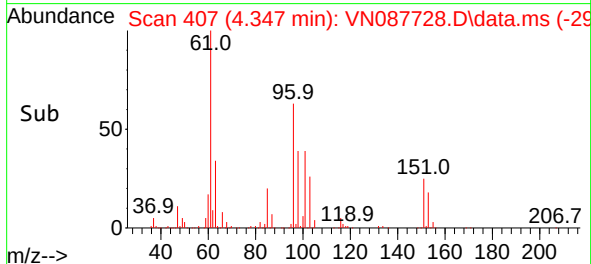
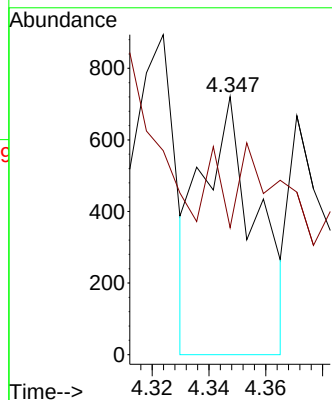
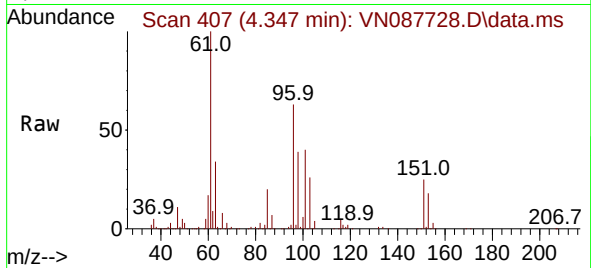




#13
Acrolein
Concen: 1.349 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.170 min
Lab File: VN087728.D
Acq: 04 Sep 2025 17:25

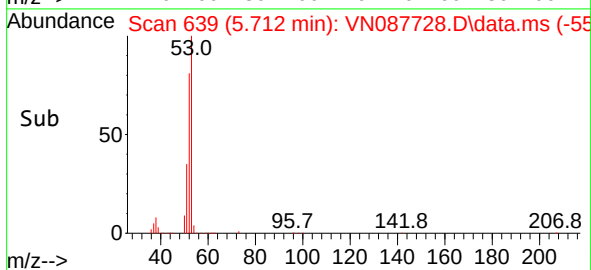
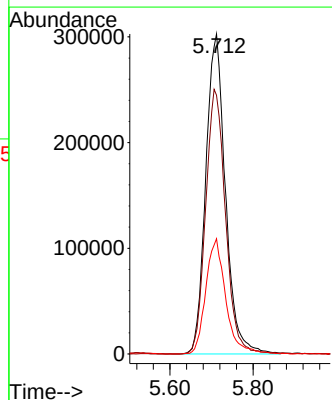
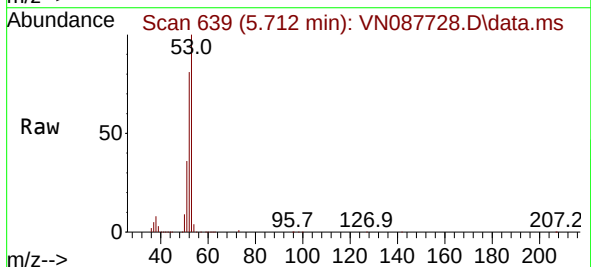
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

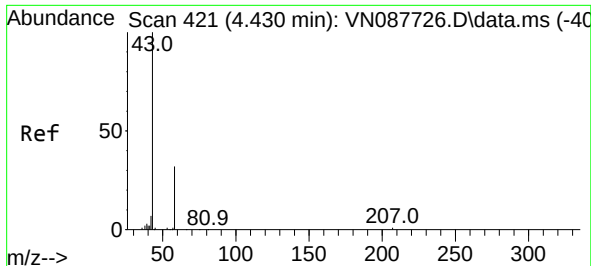
Tgt Ion: 56 Resp: 962
Ion Ratio Lower Upper
56 100
55 38.3 28.6 42.8



#14
Acrylonitrile
Concen: 504.249 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.006 min
Lab File: VN087728.D
Acq: 04 Sep 2025 17:25

Tgt Ion: 53 Resp: 995146
Ion Ratio Lower Upper
53 100
52 82.9 40.9 122.7
51 35.8 18.1 54.1

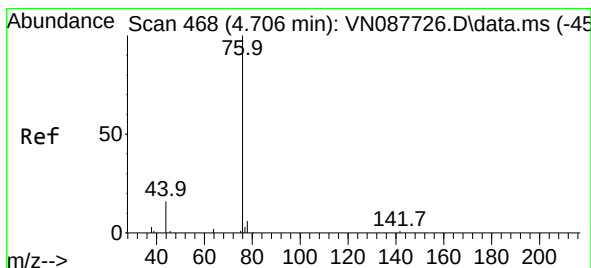
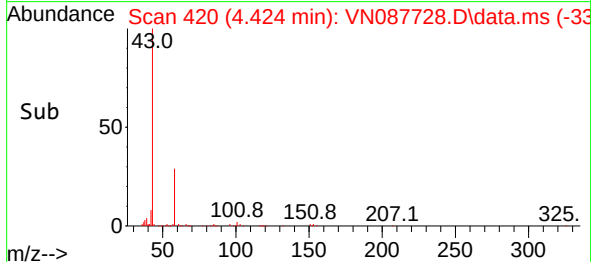
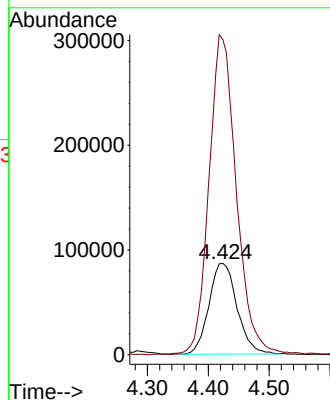
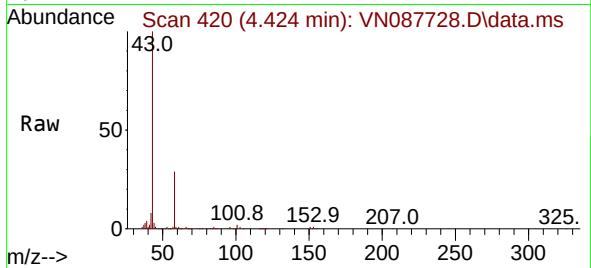




#15
Acetone
Concen: 494.569 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN087728.D
Acq: 04 Sep 2025 17:25

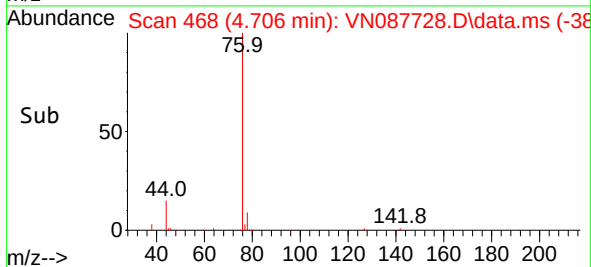
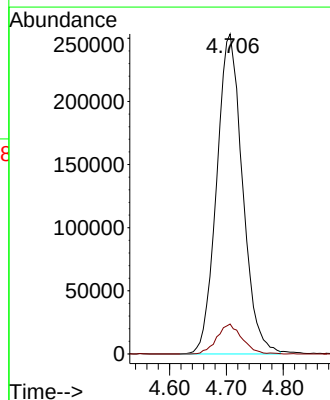
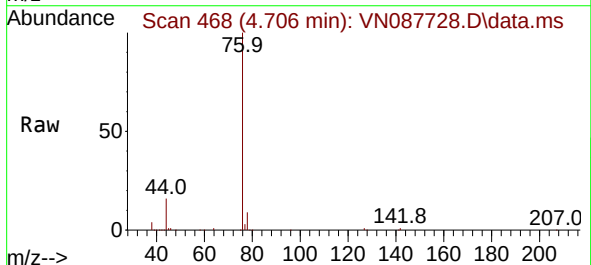
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

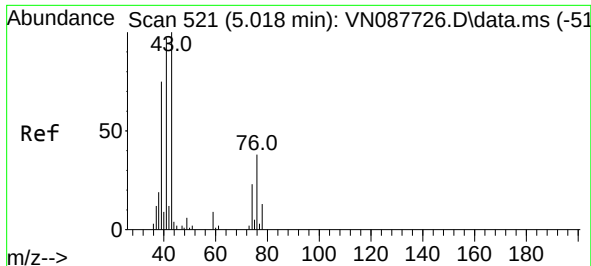
Tgt Ion: 58 Resp: 276885
Ion Ratio Lower Upper
58 100
43 345.9 250.6 376.0



#16
Carbon Disulfide
Concen: 104.109 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.000 min
Lab File: VN087728.D
Acq: 04 Sep 2025 17:25

Tgt Ion: 76 Resp: 801928
Ion Ratio Lower Upper
76 100
78 9.3 5.0 7.6#

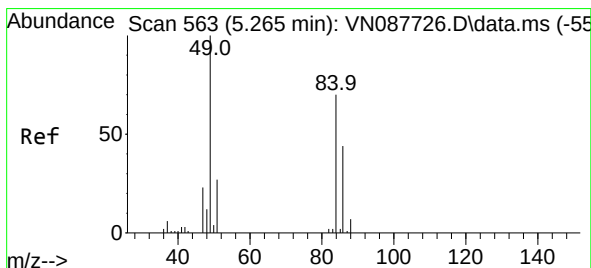
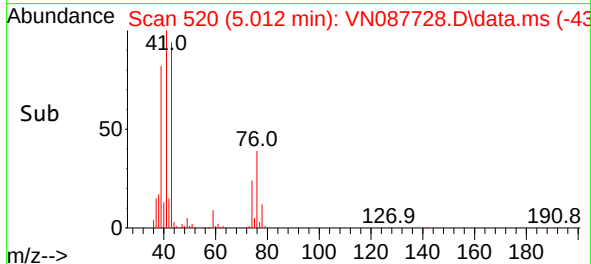
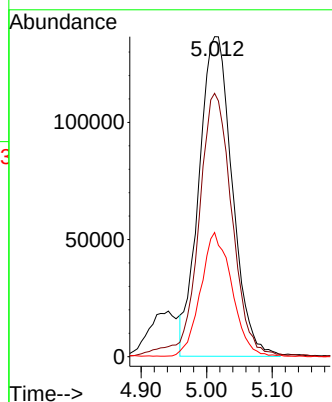
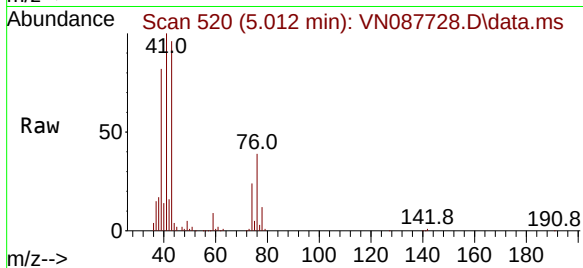




#17
 Allyl chloride
 Concen: 96.965 ug/l
 RT: 5.012 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN087728.D
 Acq: 04 Sep 2025 17:25

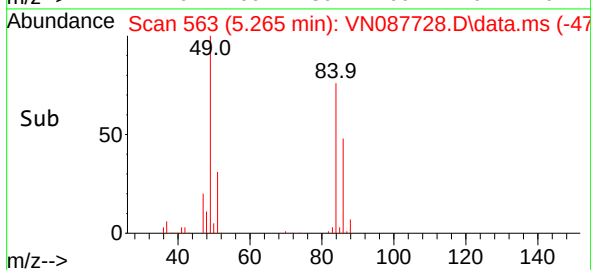
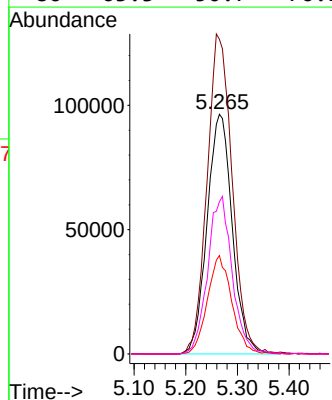
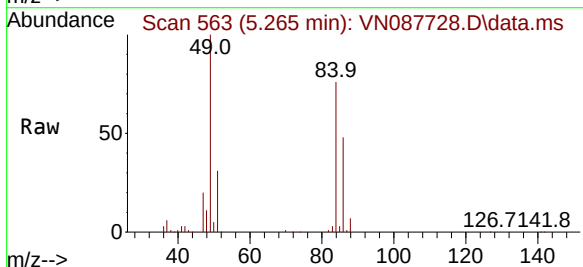
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

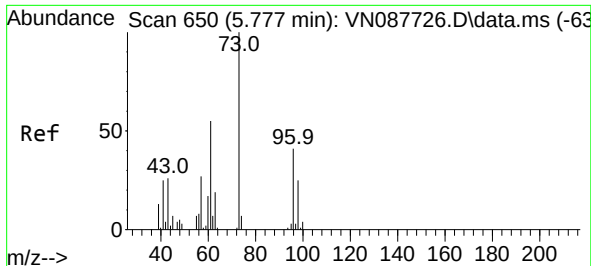
Tgt Ion: 41 Resp: 481807
 Ion Ratio Lower Upper
 41 100
 39 82.0 36.7 110.1
 76 38.5 18.3 54.8



#18
 Methylene Chloride
 Concen: 102.788 ug/l
 RT: 5.265 min Scan# 563
 Delta R.T. -0.000 min
 Lab File: VN087728.D
 Acq: 04 Sep 2025 17:25

Tgt Ion: 84 Resp: 326426
 Ion Ratio Lower Upper
 84 100
 49 131.3 114.1 171.1
 51 41.1 30.2 45.4
 86 63.3 50.7 76.1

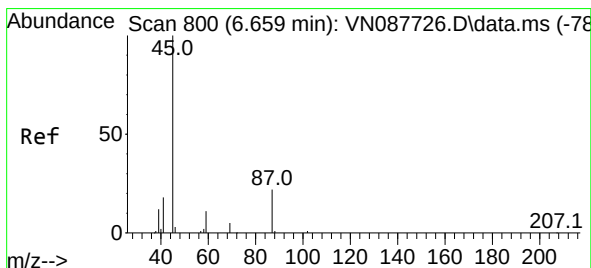
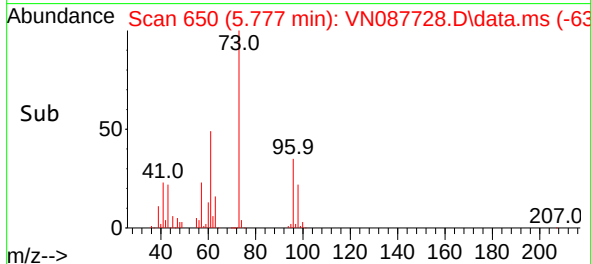
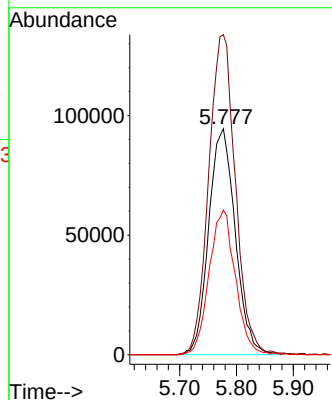
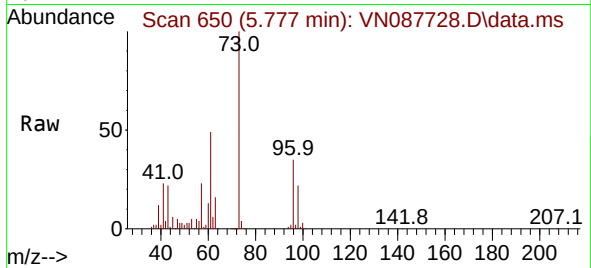




#19
trans-1,2-Dichloroethene
Concen: 104.453 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087728.D
Acq: 04 Sep 2025 17:25

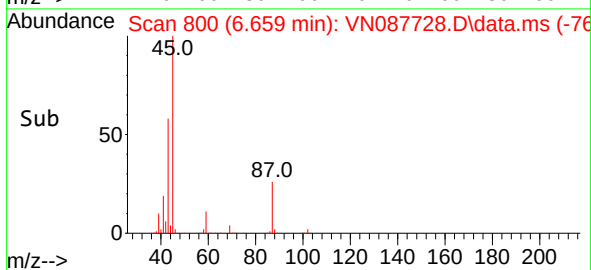
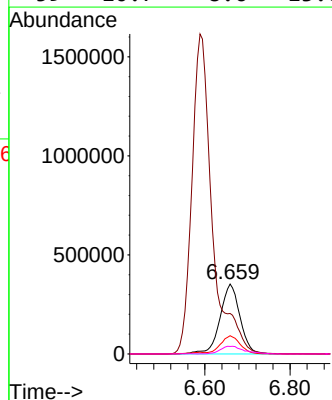
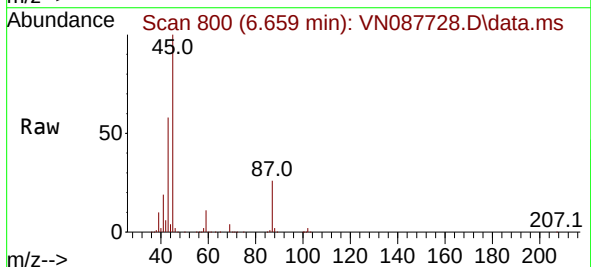
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

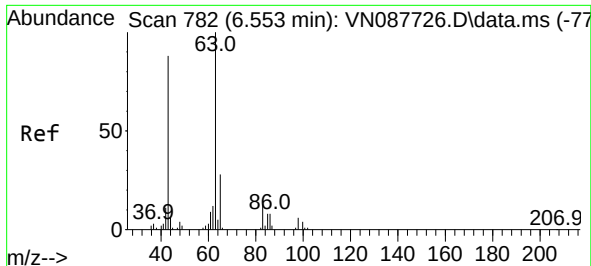
Tgt Ion: 96 Resp: 306937
Ion Ratio Lower Upper
96 100
61 141.2 106.4 159.6
98 64.0 48.9 73.3



#20
Diisopropyl ether
Concen: 101.181 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN087728.D
Acq: 04 Sep 2025 17:25

Tgt Ion: 45 Resp: 1145464
Ion Ratio Lower Upper
45 100
43 57.3 49.5 74.3
87 26.2 18.8 28.2
59 10.7 8.6 13.0

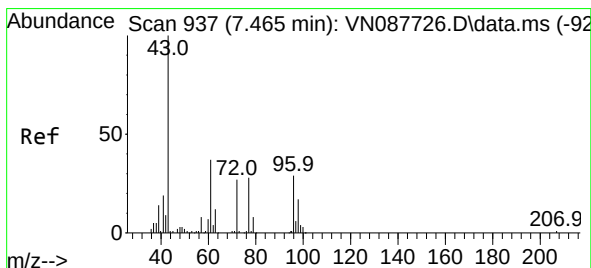
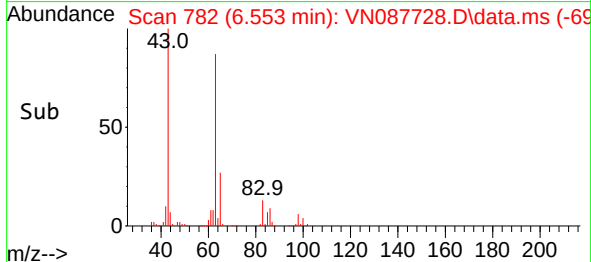
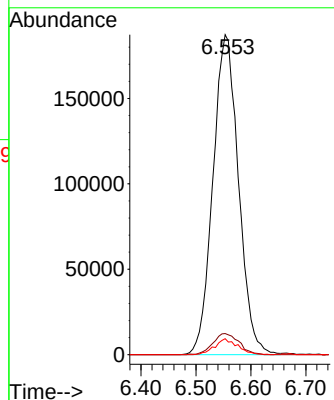
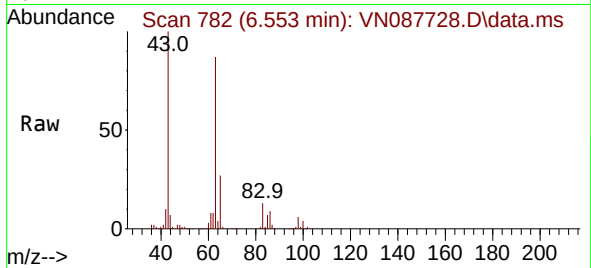




#21
 1,1-Dichloroethane
 Concen: 102.873 ug/l
 RT: 6.553 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VN087728.D
 Acq: 04 Sep 2025 17:25

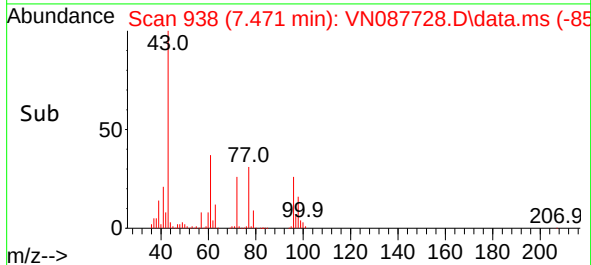
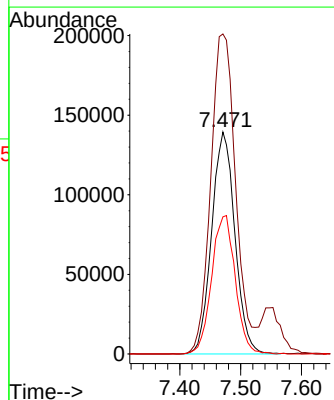
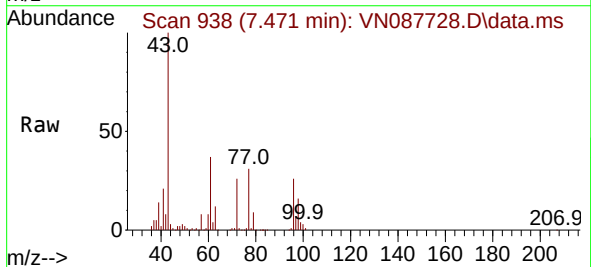
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

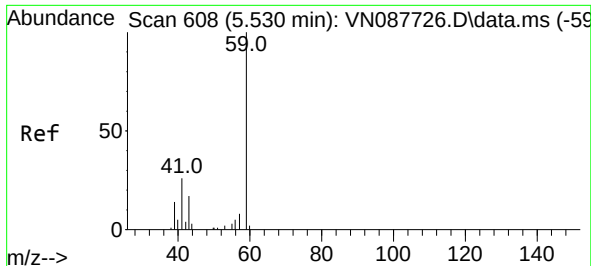
Tgt Ion: 63 Resp: 605635
 Ion Ratio Lower Upper
 63 100
 98 6.6 2.9 8.8
 100 5.0 1.8 5.3



#22
 cis-1,2-Dichloroethene
 Concen: 102.956 ug/l
 RT: 7.471 min Scan# 938
 Delta R.T. 0.006 min
 Lab File: VN087728.D
 Acq: 04 Sep 2025 17:25

Tgt Ion: 96 Resp: 370129
 Ion Ratio Lower Upper
 96 100
 61 154.4 118.2 177.2
 98 63.2 51.6 77.4

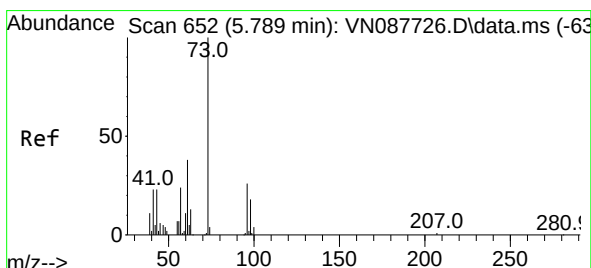
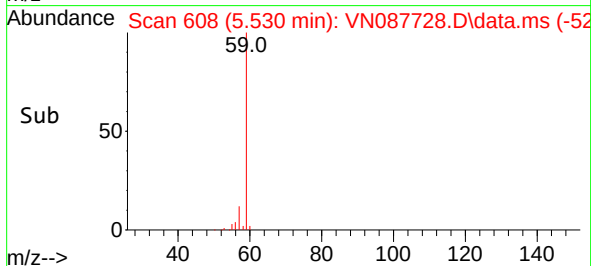
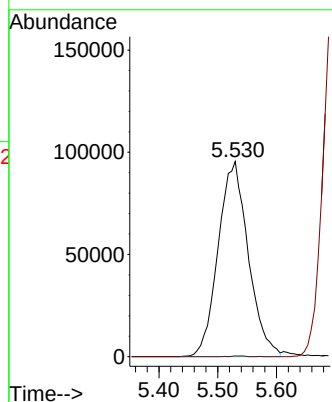
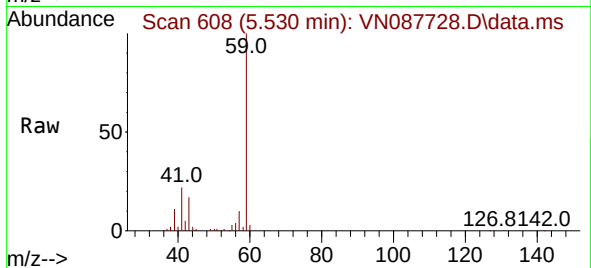




#23
tert-Butyl Alcohol
Concen: 414.715 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.000 min
Lab File: VN087728.D
Acq: 04 Sep 2025 17:25

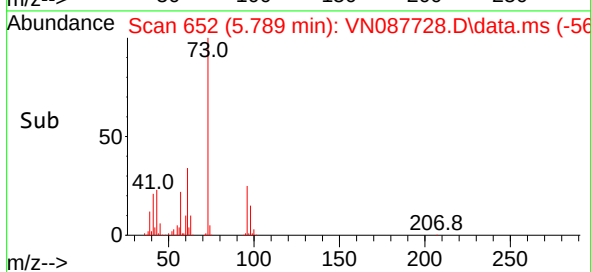
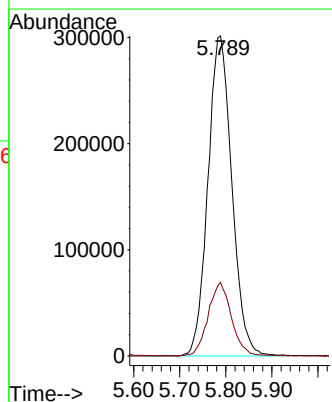
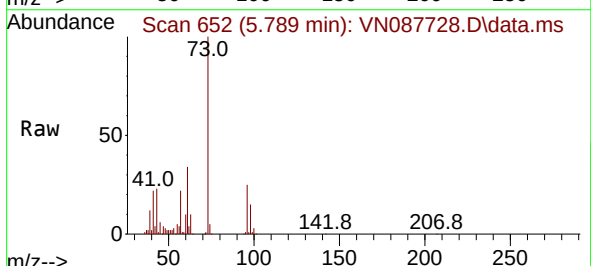
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

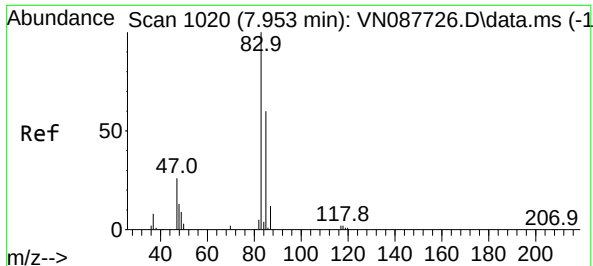
Tgt Ion: 59 Resp: 340216
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0#



#24
Methyl tert-Butyl Ether
Concen: 98.657 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN087728.D
Acq: 04 Sep 2025 17:25

Tgt Ion: 73 Resp: 1088266
Ion Ratio Lower Upper
73 100
43 22.5 16.8 25.2





#25

Chloroform

Concen: 102.023 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VN087728.D

Acq: 04 Sep 2025 17:25

Instrument :

MSVOA_N

ClientSampleId :

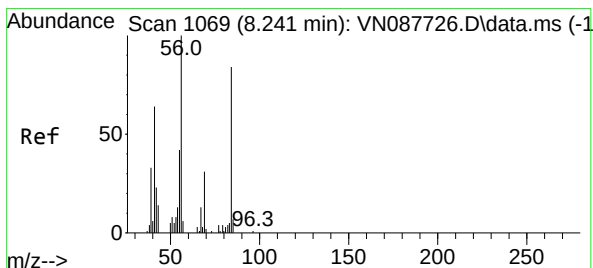
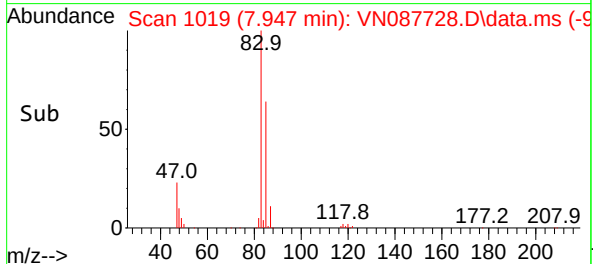
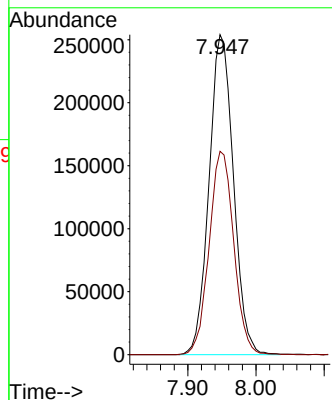
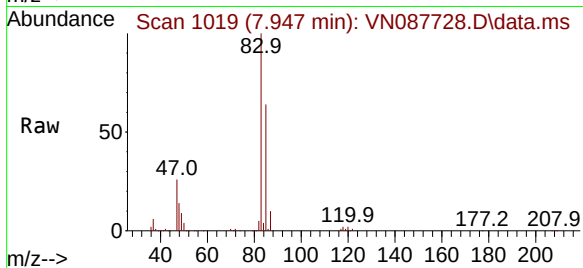
VSTDIC100

Tgt Ion: 83 Resp: 632337

Ion Ratio Lower Upper

83 100

85 63.4 47.7 71.5



#26

Cyclohexane

Concen: 101.149 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VN087728.D

Acq: 04 Sep 2025 17:25

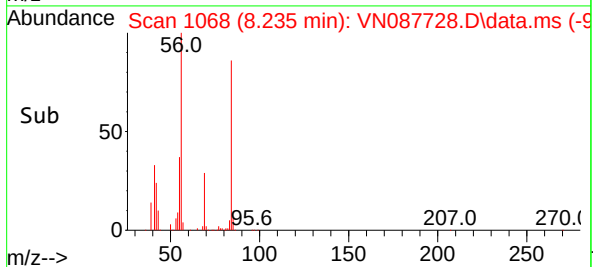
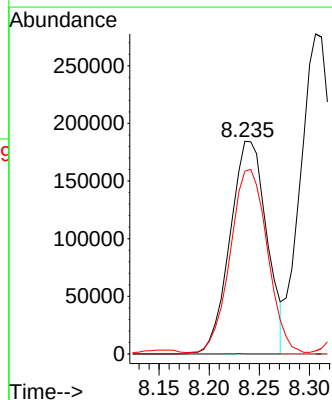
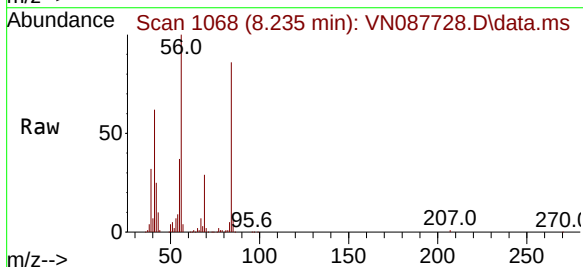
Tgt Ion: 56 Resp: 470916

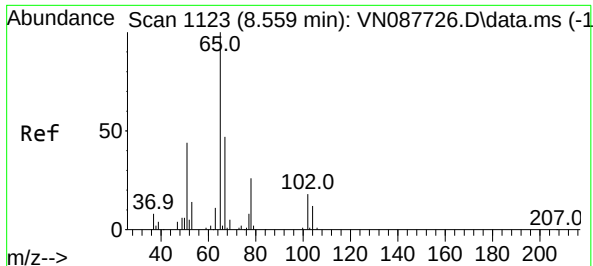
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0#

84 88.1 69.4 104.2





#27

1,2-Dichloroethane-d4

Concen: 27.758 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN087728.D

Acq: 04 Sep 2025 17:25

Instrument :

MSVOA_N

ClientSampleId :

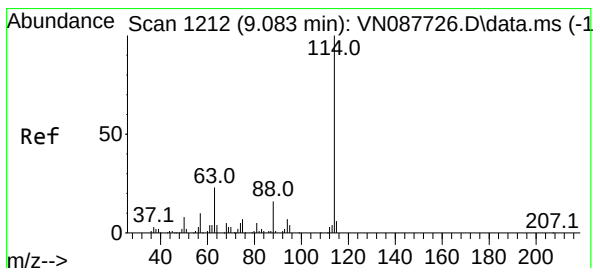
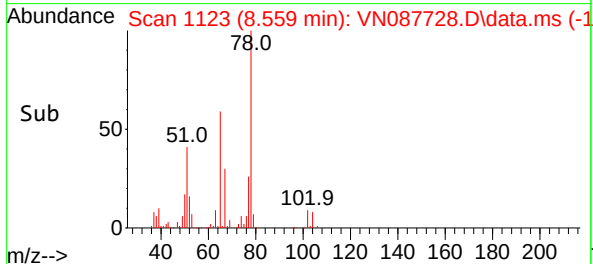
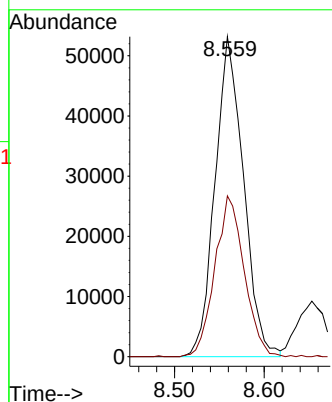
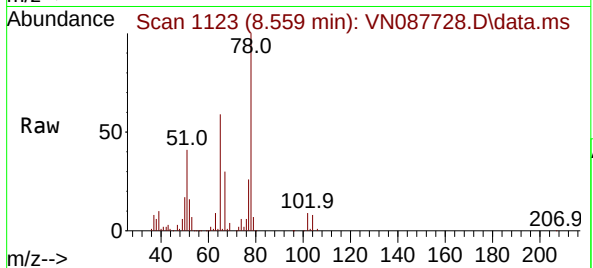
VSTDIC100

Tgt Ion: 65 Resp: 117102

Ion Ratio Lower Upper

65 100

67 51.7 39.6 59.4



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN087728.D

Acq: 04 Sep 2025 17:25

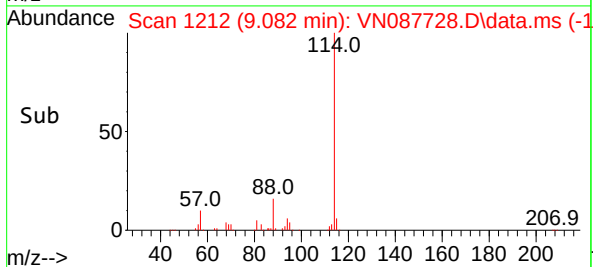
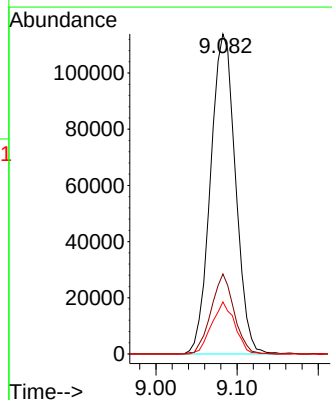
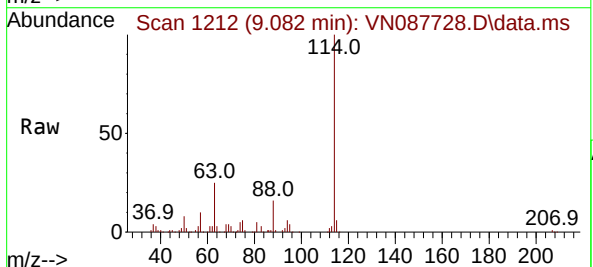
Tgt Ion: 114 Resp: 242946

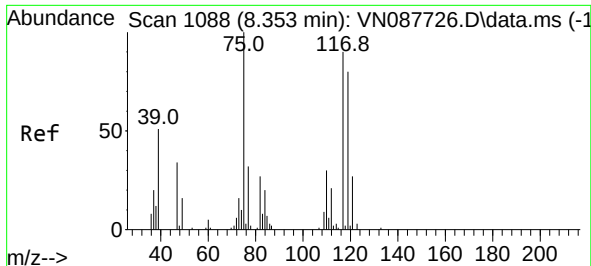
Ion Ratio Lower Upper

114 100

63 23.1 18.3 27.5

88 15.2 12.4 18.6





#29

1,1-Dichloropropene

Concen: 107.353 ug/l

RT: 8.353 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087728.D

Acq: 04 Sep 2025 17:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

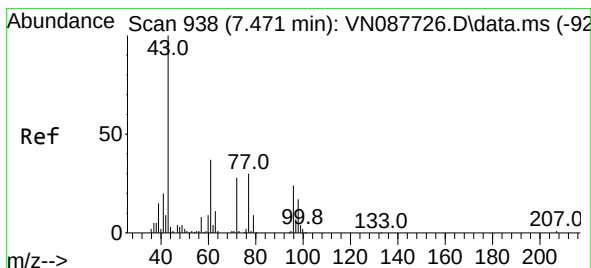
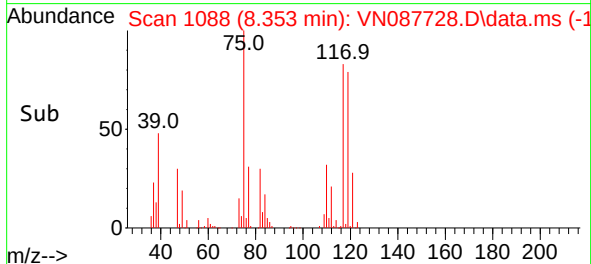
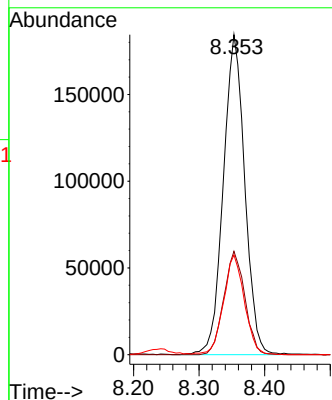
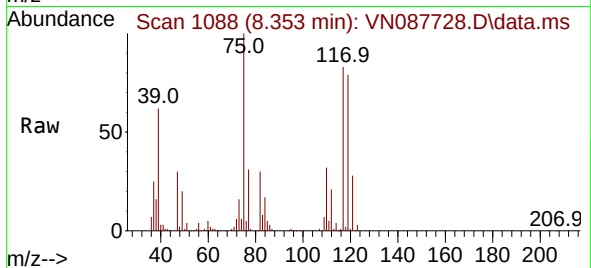
Tgt Ion: 75 Resp: 418041

Ion Ratio Lower Upper

75 100

110 31.7 0.0 64.4

77 30.1 0.0 62.2



#30

2-Butanone

Concen: 499.926 ug/l

RT: 7.471 min Scan# 938

Delta R.T. -0.000 min

Lab File: VN087728.D

Acq: 04 Sep 2025 17:25

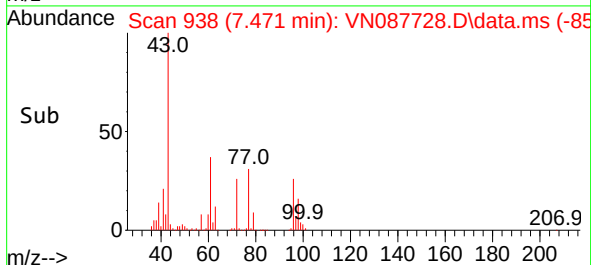
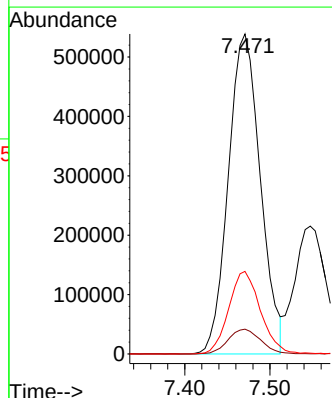
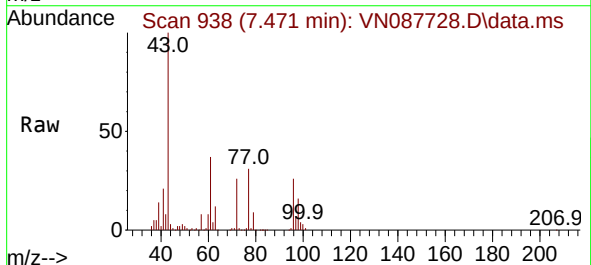
Tgt Ion: 43 Resp: 1409990

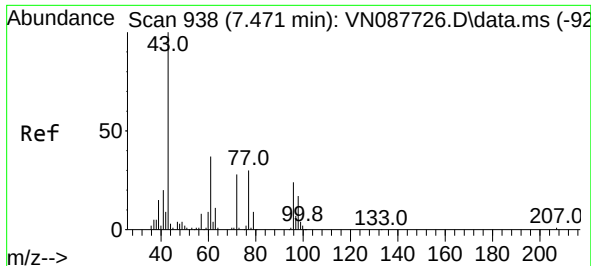
Ion Ratio Lower Upper

43 100

57 7.9 6.3 9.5

72 25.5 21.4 32.2

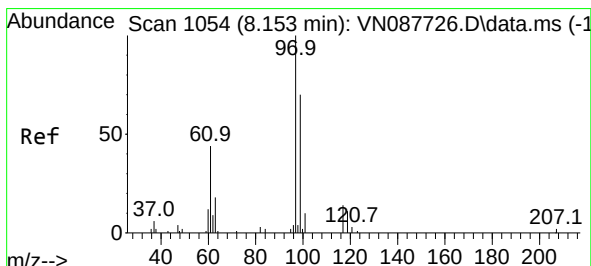
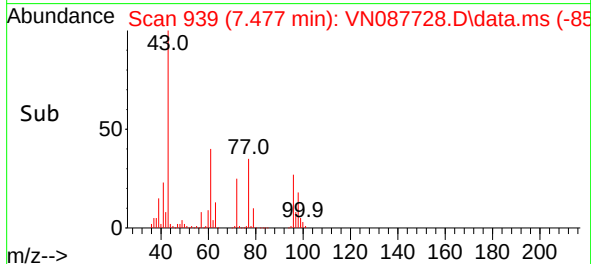
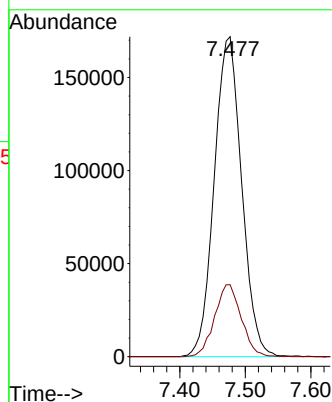
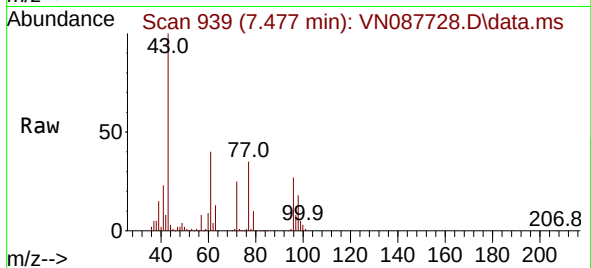




#31
2,2-Dichloropropane
Concen: 102.230 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087728.D
Acq: 04 Sep 2025 17:25

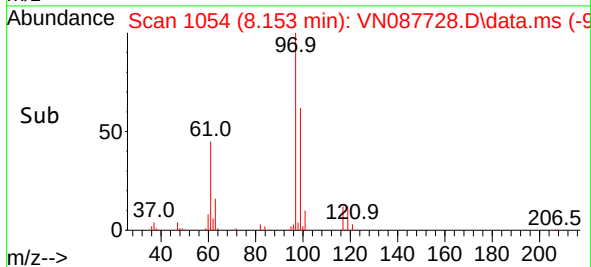
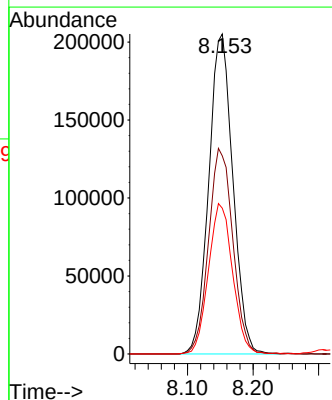
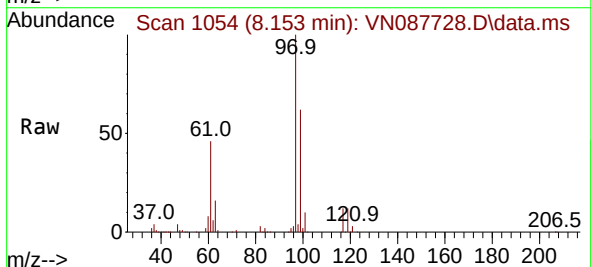
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

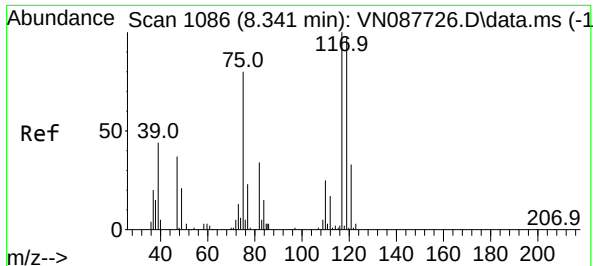
Tgt Ion: 77 Resp: 498763
Ion Ratio Lower Upper
77 100
97 21.9 17.1 25.7



#32
1,1,1-Trichloroethane
Concen: 104.920 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN087728.D
Acq: 04 Sep 2025 17:25

Tgt Ion: 97 Resp: 524015
Ion Ratio Lower Upper
97 100
99 64.8 52.2 78.4
61 47.1 37.9 56.9

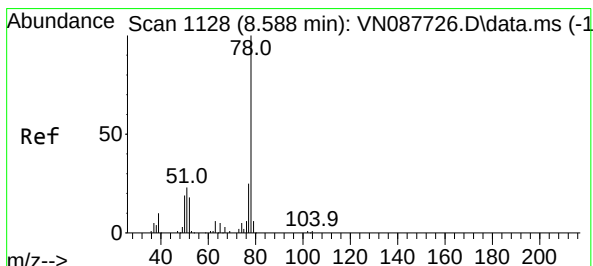
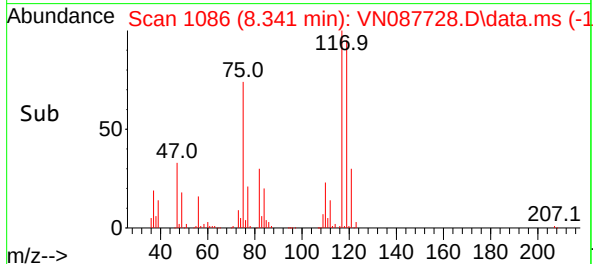
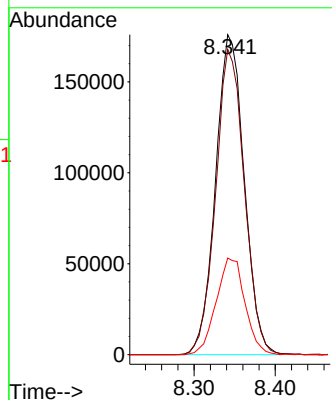
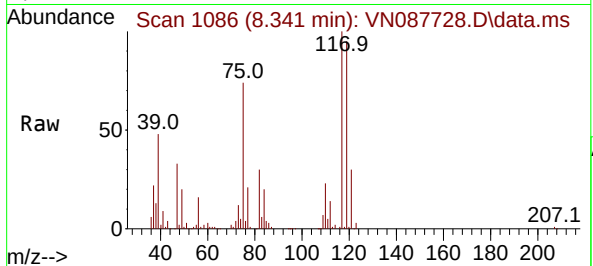




#33
Carbon Tetrachloride
Concen: 105.102 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VN087728.D
Acq: 04 Sep 2025 17:25

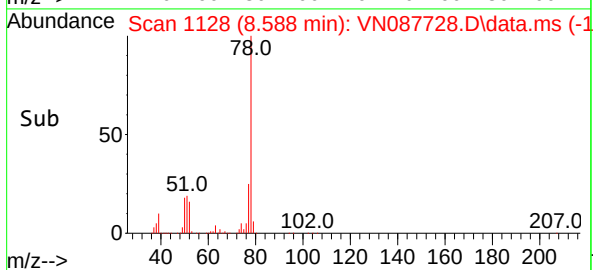
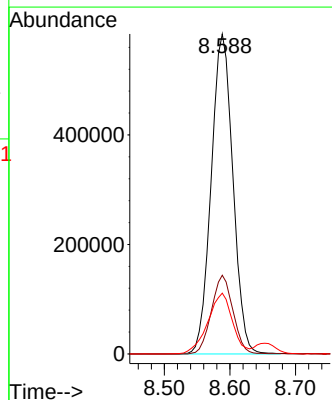
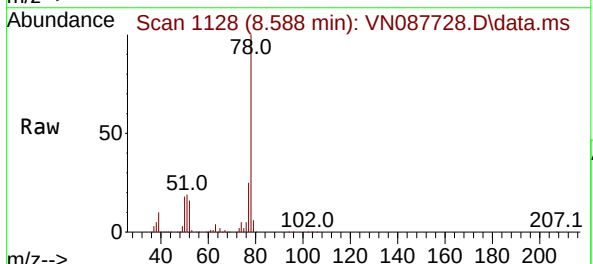
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

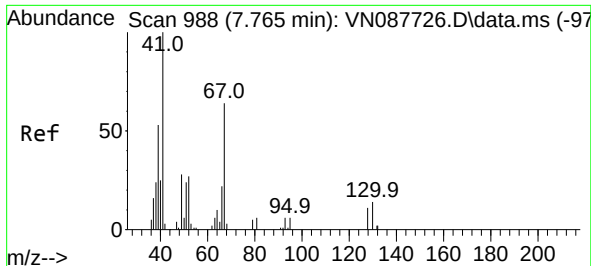
Tgt Ion:117 Resp: 431973
Ion Ratio Lower Upper
117 100
119 95.3 77.3 115.9
121 30.2 26.6 39.8



#34
Benzene
Concen: 108.630 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN087728.D
Acq: 04 Sep 2025 17:25

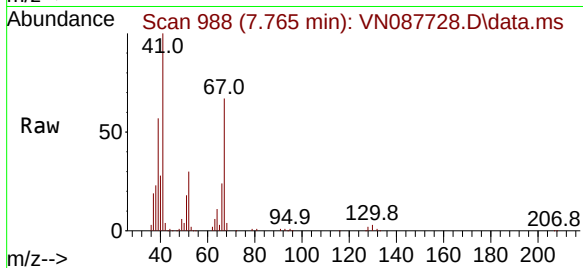
Tgt Ion: 78 Resp: 1341472
Ion Ratio Lower Upper
78 100
77 24.6 20.3 30.5
51 18.9 18.0 27.0



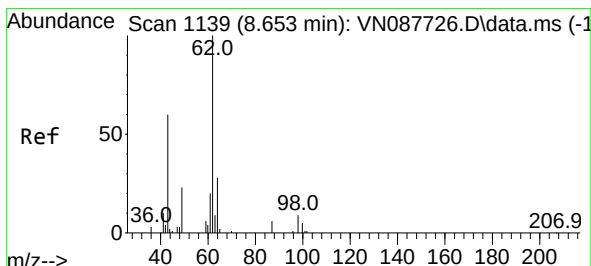
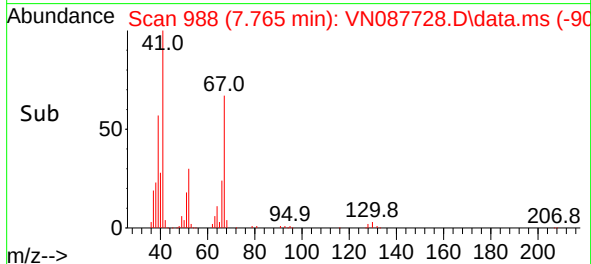
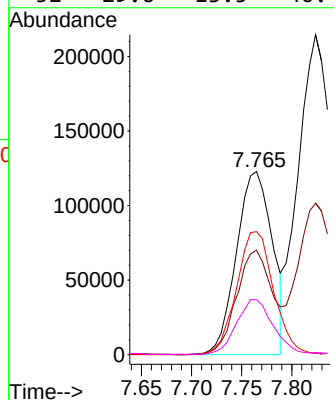


#35
Methacrylonitrile
Concen: 99.759 ug/l
RT: 7.765 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087728.D
Acq: 04 Sep 2025 17:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

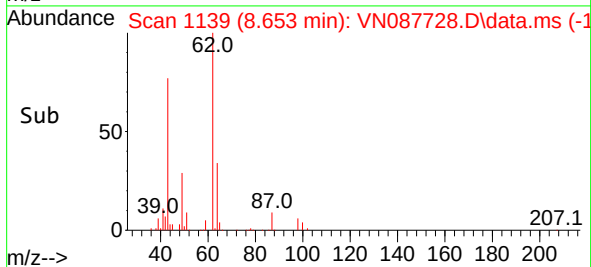
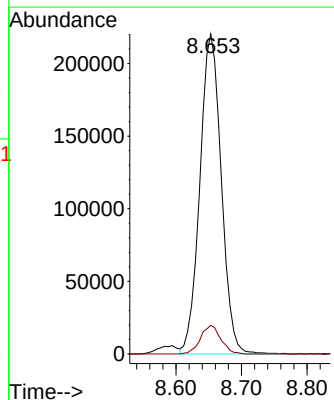
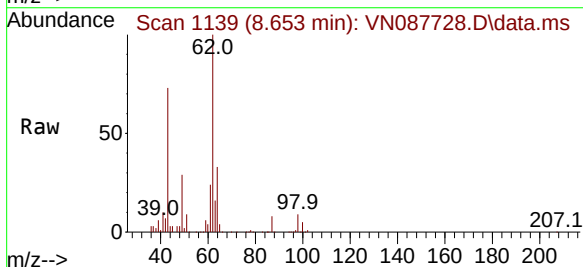


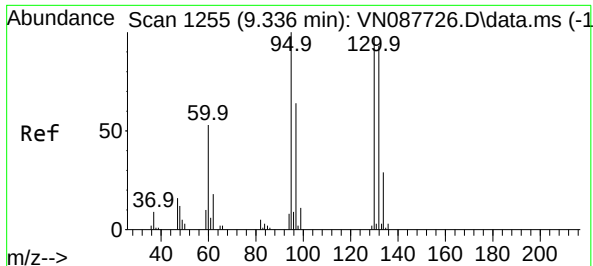
Tgt Ion:	41	Resp:	305644
Ion	Ratio	Lower	Upper
41	100		
39	57.0	27.1	81.2
67	67.2	32.1	96.5
52	29.6	13.5	40.4



#36
1,2-Dichloroethane
Concen: 101.728 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087728.D
Acq: 04 Sep 2025 17:25

Tgt Ion:	62	Resp:	500793
Ion	Ratio	Lower	Upper
62	100		
98	8.5	7.2	10.8





#37

Trichloroethene

Concen: 109.044 ug/l

RT: 9.335 min Scan# 1255

Delta R.T. -0.000 min

Lab File: VN087728.D

Acq: 04 Sep 2025 17:25

Instrument :

MSVOA_N

ClientSampleId :

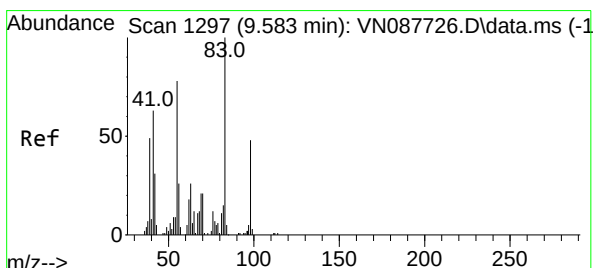
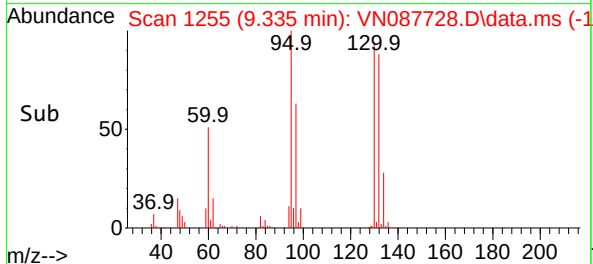
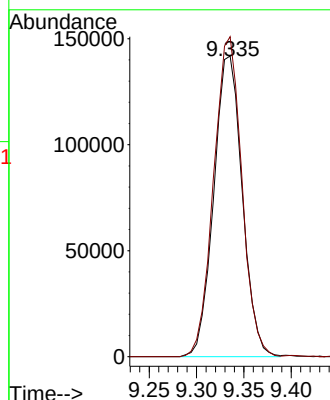
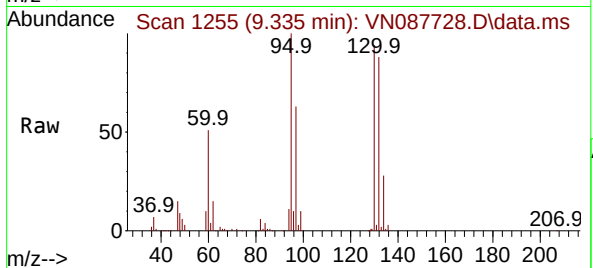
VSTDICC100

Tgt Ion:130 Resp: 296546

Ion Ratio Lower Upper

130 100

95 106.5 82.7 124.1



#38

Methylcyclohexane

Concen: 104.964 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. -0.000 min

Lab File: VN087728.D

Acq: 04 Sep 2025 17:25

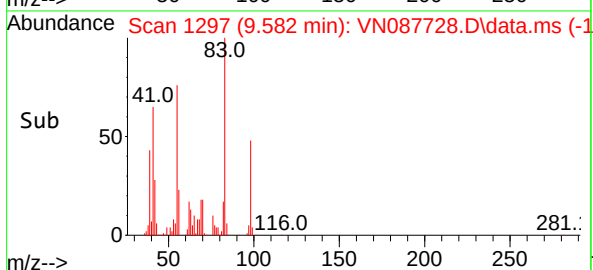
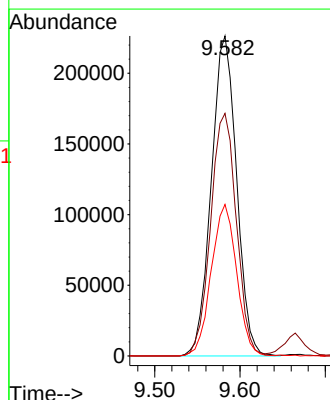
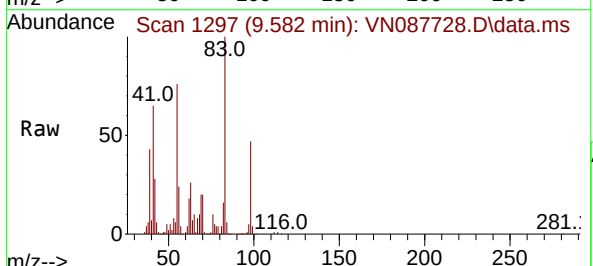
Tgt Ion: 83 Resp: 466295

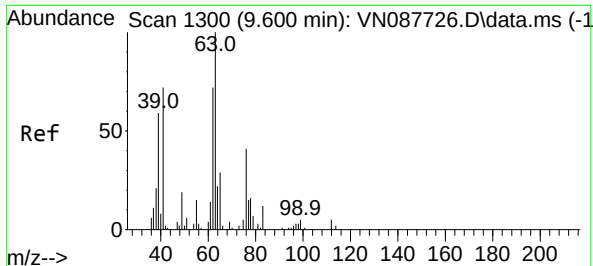
Ion Ratio Lower Upper

83 100

55 77.2 40.4 121.1

98 47.6 24.0 72.0





#39

1,2-Dichloropropane

Concen: 109.431 ug/l

RT: 9.600 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087728.D

Acq: 04 Sep 2025 17:25

Instrument :

MSVOA_N

ClientSampleId :

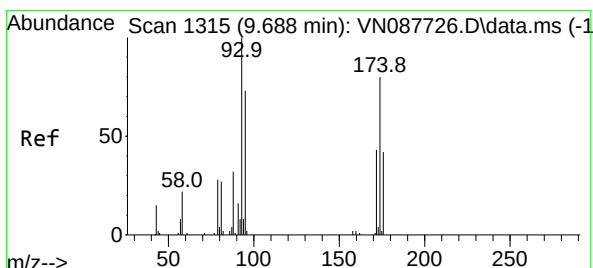
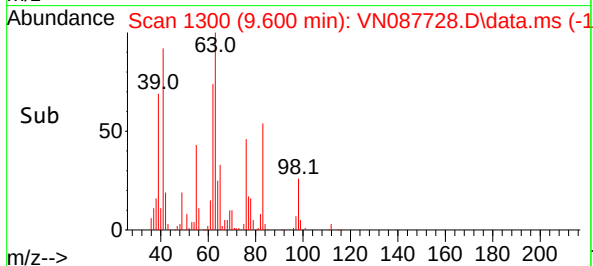
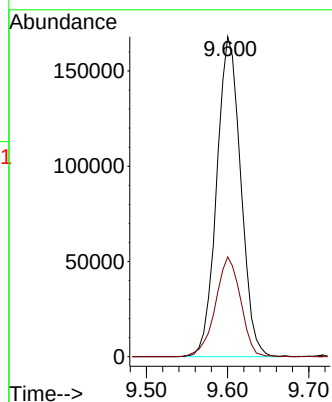
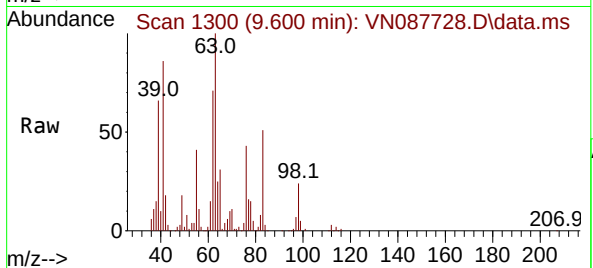
VSTDIC100

Tgt Ion: 63 Resp: 346311

Ion Ratio Lower Upper

63 100

65 31.2 24.1 36.1



#40

Dibromomethane

Concen: 107.958 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN087728.D

Acq: 04 Sep 2025 17:25

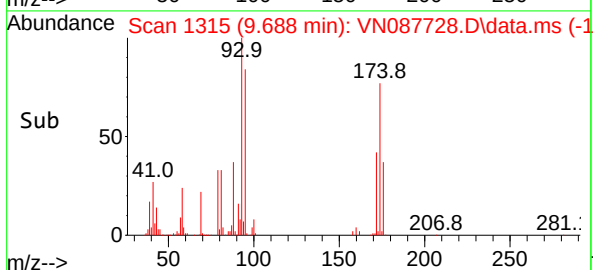
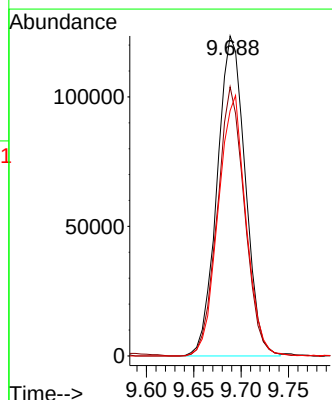
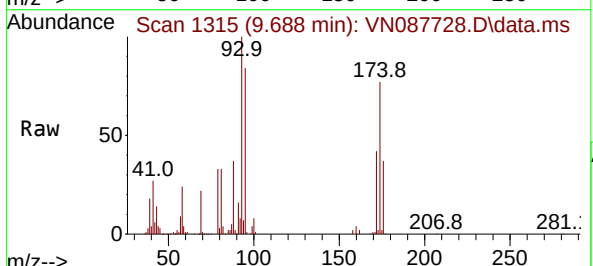
Tgt Ion: 93 Resp: 255456

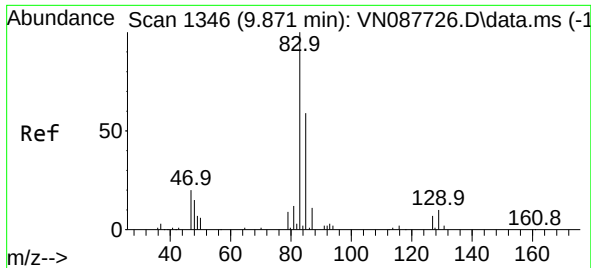
Ion Ratio Lower Upper

93 100

95 81.3 0.0 168.4

174 80.0 0.0 162.8

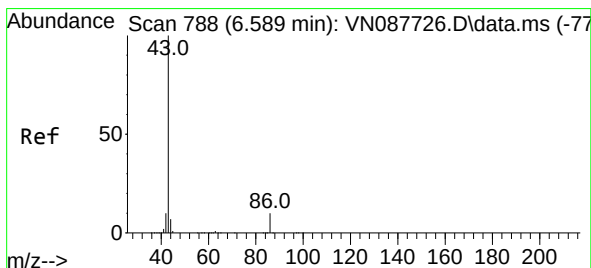
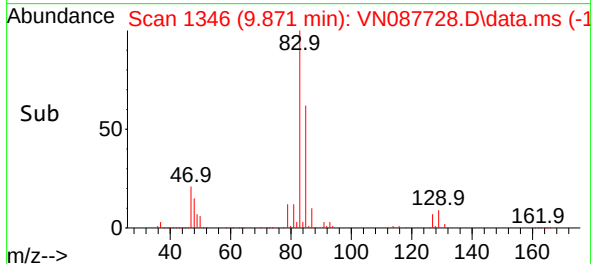
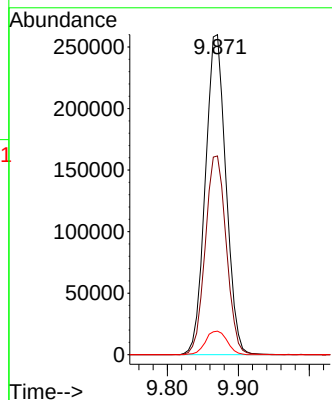
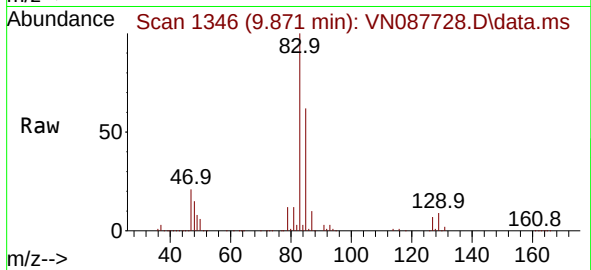




#41
Bromodichloromethane
Concen: 106.078 ug/l
RT: 9.871 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087728.D
Acq: 04 Sep 2025 17:25

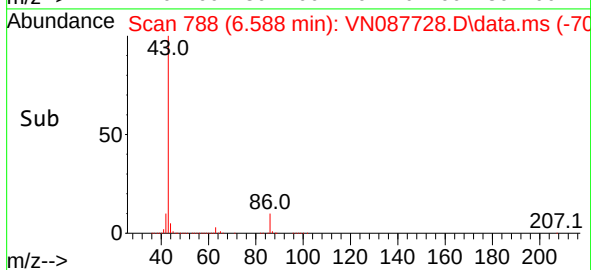
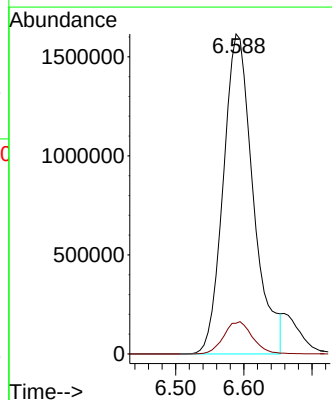
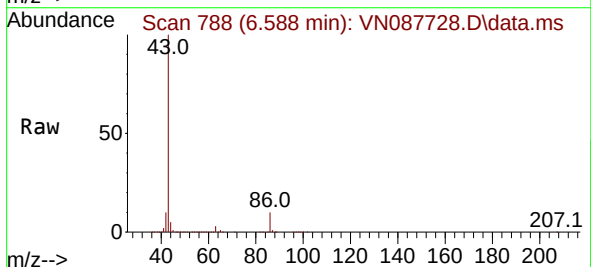
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

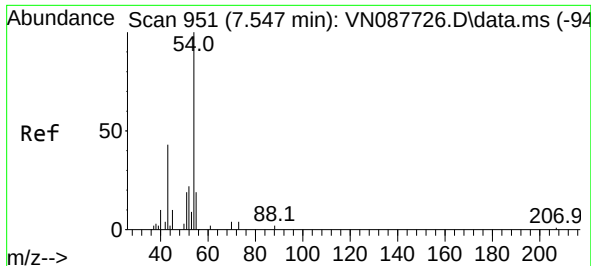
Tgt Ion: 83 Resp: 524173
Ion Ratio Lower Upper
83 100
85 62.1 47.3 70.9
127 7.4 5.2 7.8



#42
Vinyl Acetate
Concen: 532.259 ug/l
RT: 6.588 min Scan# 788
Delta R.T. -0.000 min
Lab File: VN087728.D
Acq: 04 Sep 2025 17:25

Tgt Ion: 43 Resp: 4938740
Ion Ratio Lower Upper
43 100
86 9.7 7.7 11.5

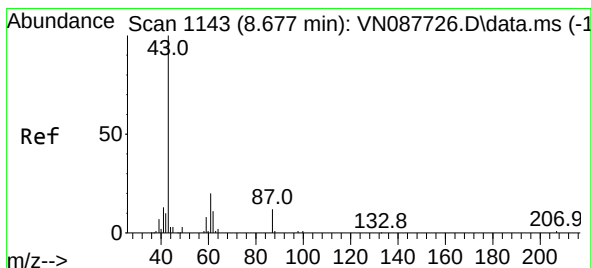
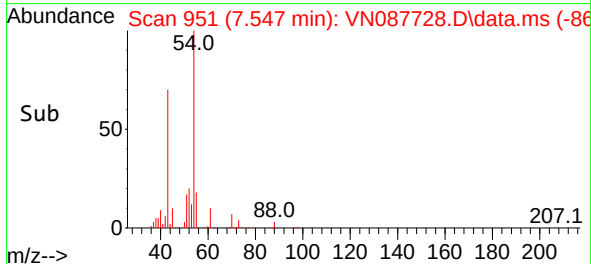
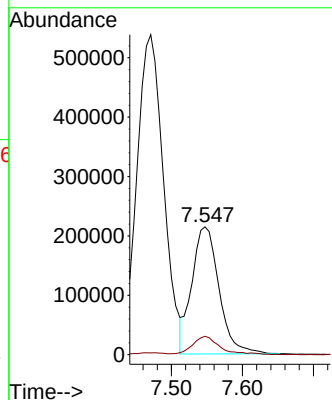
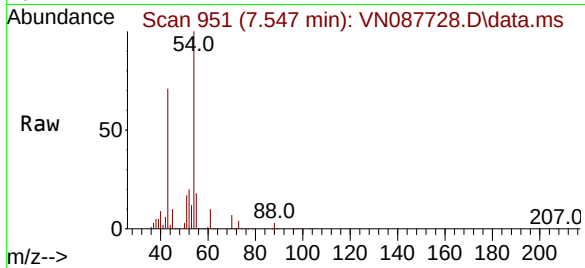




#43
Ethyl Acetate
Concen: 102.596 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087728.D
Acq: 04 Sep 2025 17:25

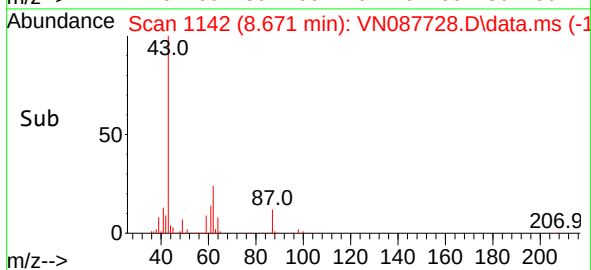
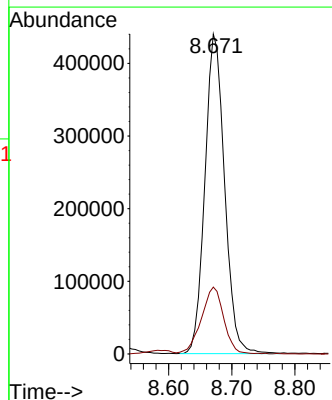
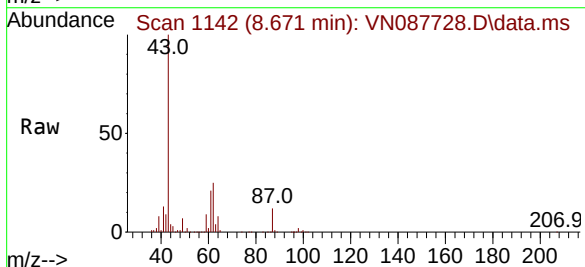
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

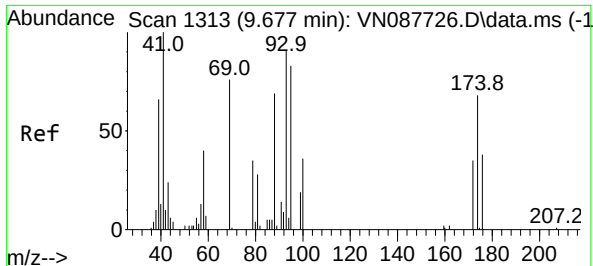
Tgt Ion: 43 Resp: 570267
Ion Ratio Lower Upper
43 100
45 12.5 10.5 15.7



#44
Isopropyl Acetate
Concen: 102.889 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN087728.D
Acq: 04 Sep 2025 17:25

Tgt Ion: 43 Resp: 951384
Ion Ratio Lower Upper
43 100
61 23.8 19.5 29.3





#45

1,4-Dioxane

Concen: 1961.964 ug/l

RT: 9.682 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087728.D

Acq: 04 Sep 2025 17:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

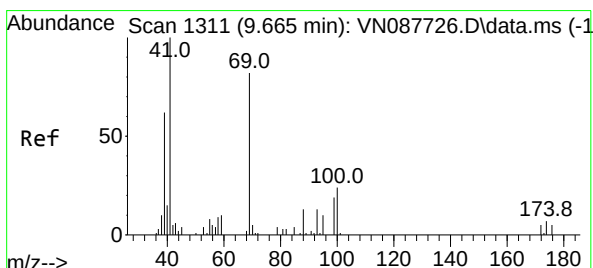
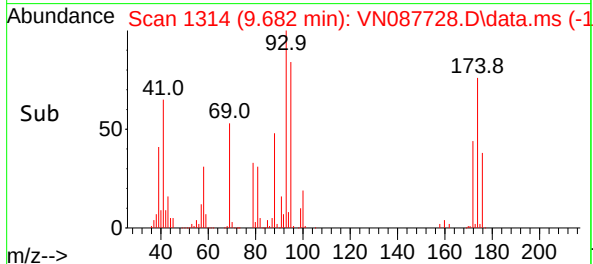
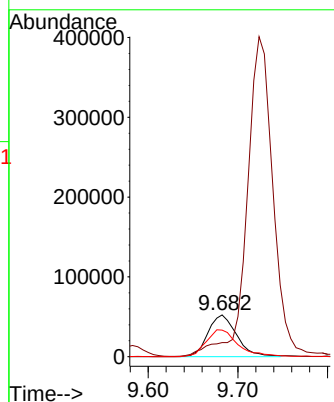
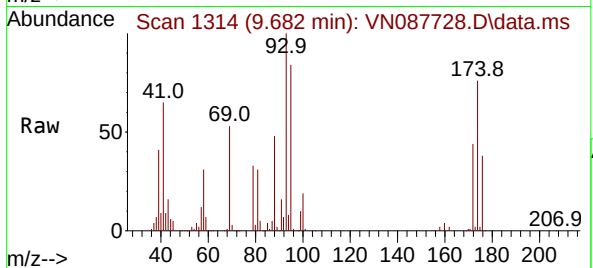
Tgt Ion: 88 Resp: 116145

Ion Ratio Lower Upper

88 100

43 0.0 23.6 35.4#

58 71.7 60.5 90.7



#46

Methyl methacrylate

Concen: 101.703 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VN087728.D

Acq: 04 Sep 2025 17:25

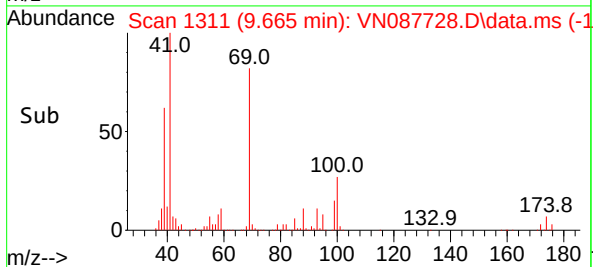
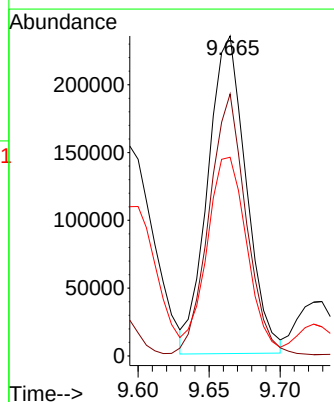
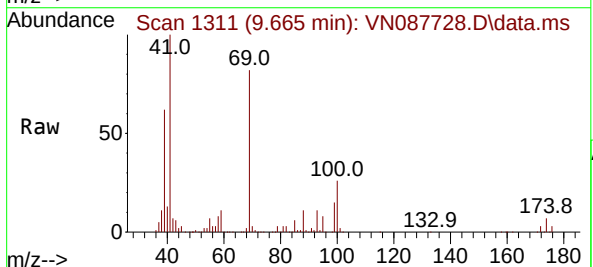
Tgt Ion: 41 Resp: 440189

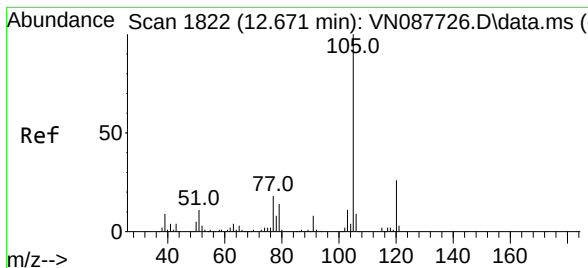
Ion Ratio Lower Upper

41 100

69 83.6 40.3 120.9

39 62.5 31.9 95.9





#47

n-amy1 Acetate

Concen: 0.377 ug/l

RT: 12.653 min Scan# 1819

Delta R.T. -0.018 min

Lab File: VN087728.D

Acq: 04 Sep 2025 17:25

Instrument :

MSVOA_N

ClientSampleId :

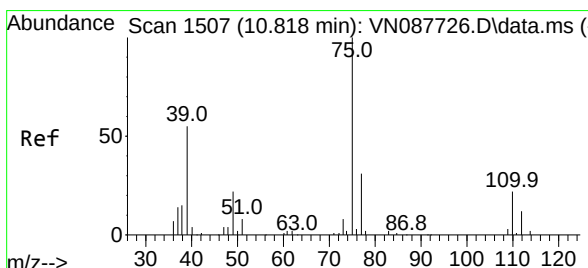
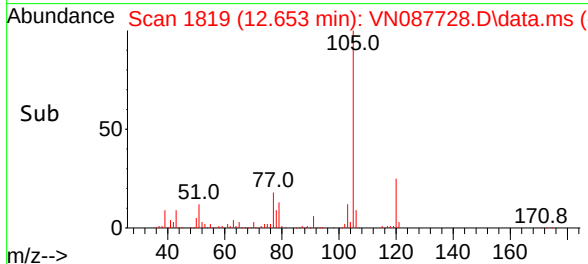
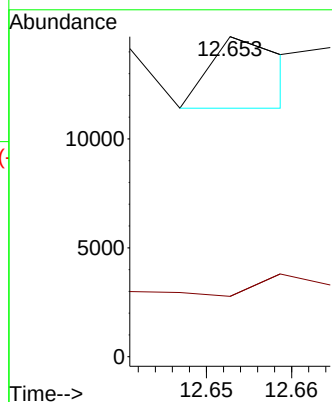
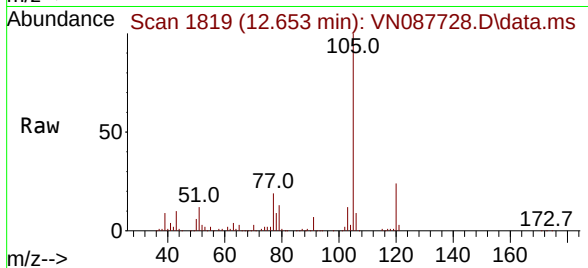
VSTDICC100

Tgt Ion: 43 Resp: 2029

Ion Ratio Lower Upper

43 100

55 26.9 0.7 1.1#



#48

t-1,3-Dichloropropene

Concen: 106.986 ug/l

RT: 10.818 min Scan# 1507

Delta R.T. -0.000 min

Lab File: VN087728.D

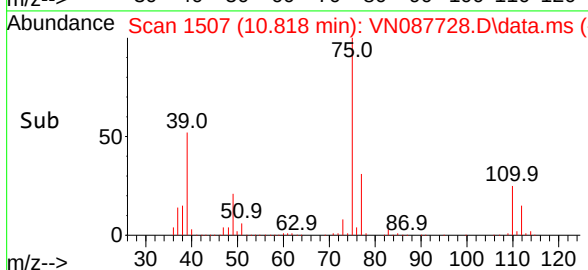
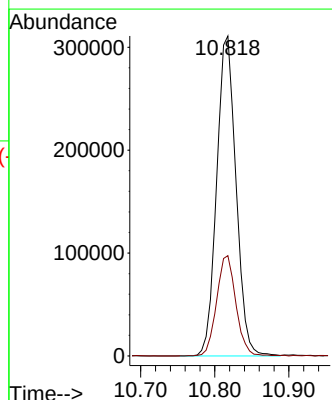
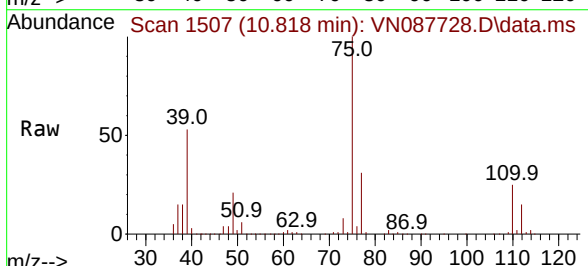
Acq: 04 Sep 2025 17:25

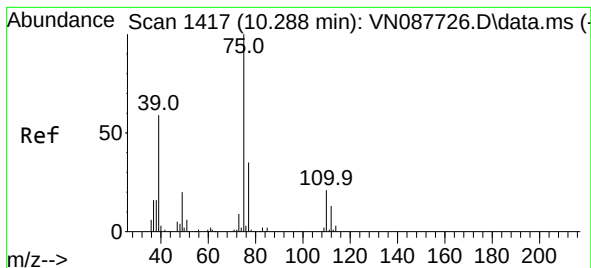
Tgt Ion: 75 Resp: 563552

Ion Ratio Lower Upper

75 100

77 31.3 24.7 37.1





#49

cis-1,3-Dichloropropene

Concen: 108.492 ug/l

RT: 10.294 min Scan# 1418

Delta R.T. 0.006 min

Lab File: VN087728.D

Acq: 04 Sep 2025 17:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

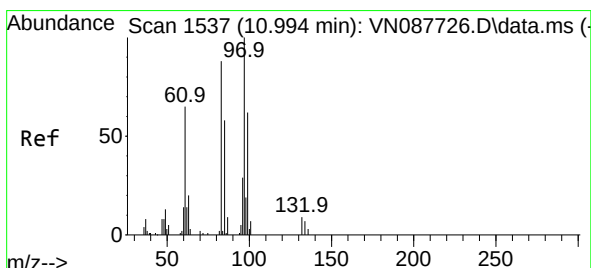
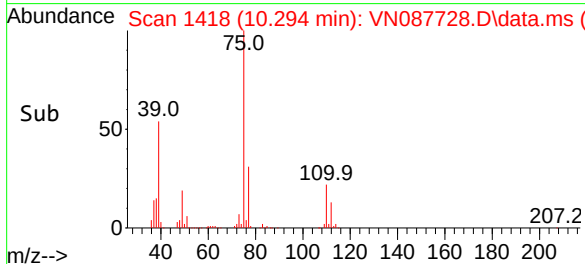
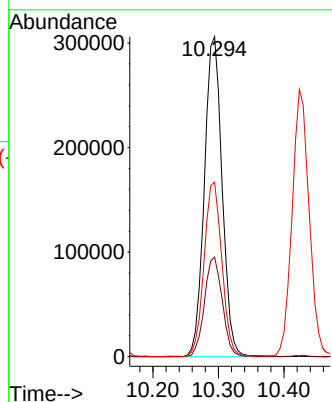
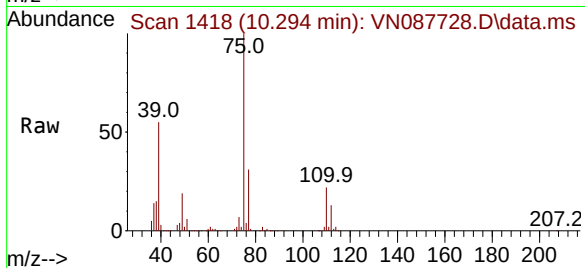
Tgt Ion: 75 Resp: 576775

Ion Ratio Lower Upper

75 100

77 31.0 27.8 41.6

39 54.5 47.6 71.4



#50

1,1,2-Trichloroethane

Concen: 108.095 ug/l

RT: 10.994 min Scan# 1537

Delta R.T. -0.000 min

Lab File: VN087728.D

Acq: 04 Sep 2025 17:25

Tgt Ion: 97 Resp: 324897

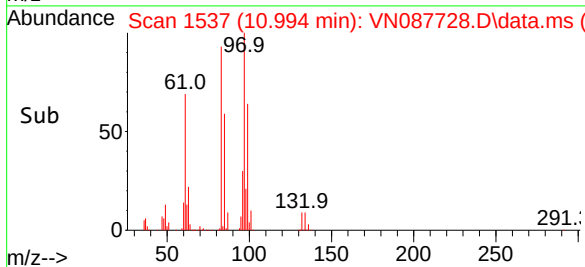
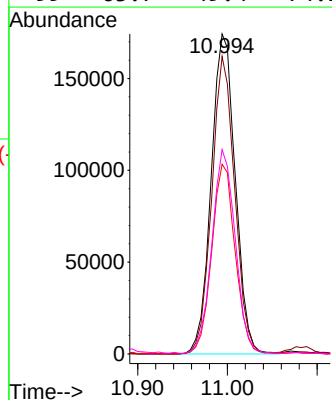
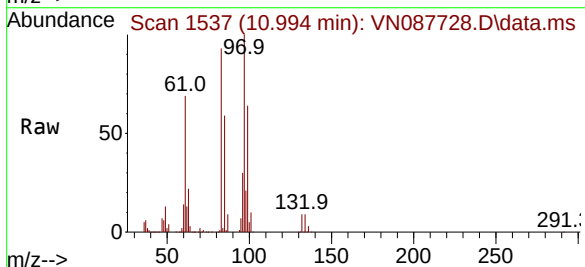
Ion Ratio Lower Upper

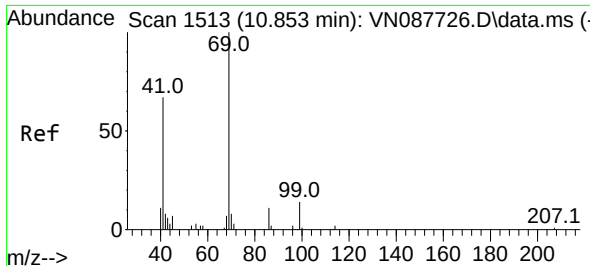
97 100

83 92.9 70.5 105.7

85 59.1 46.3 69.5

99 63.7 49.4 74.2

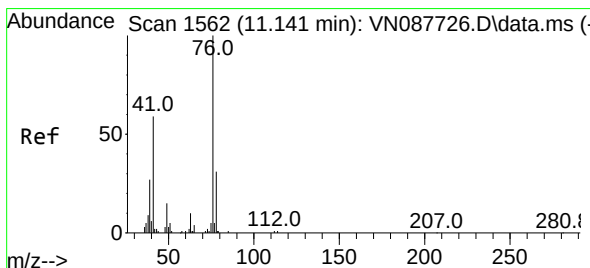
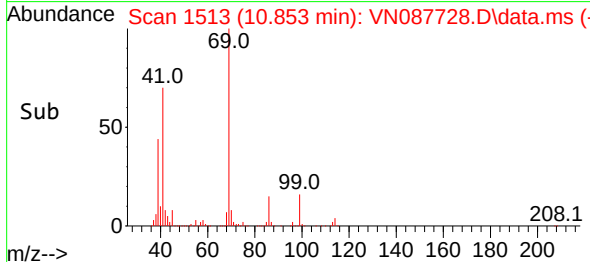
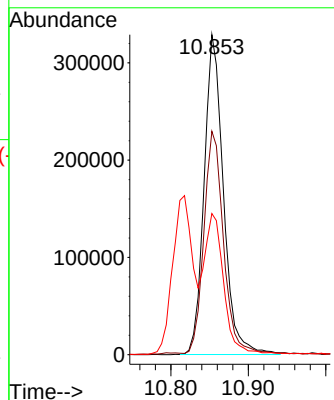
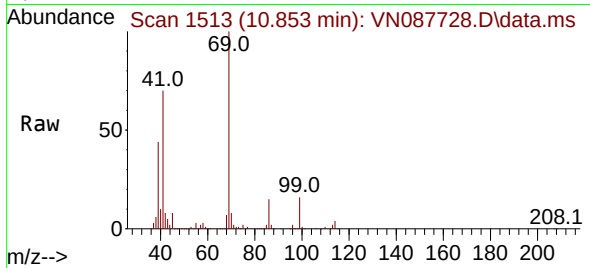




#51
Ethyl methacrylate
Concen: 111.057 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN087728.D
Acq: 04 Sep 2025 17:25

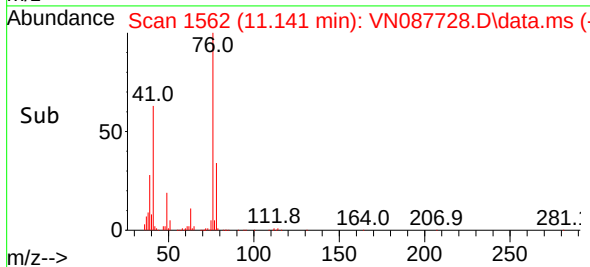
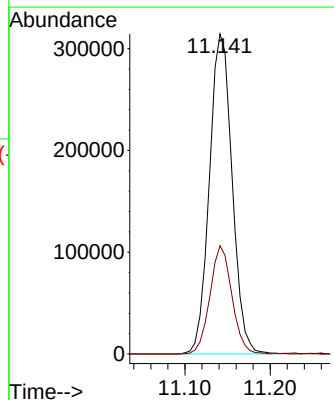
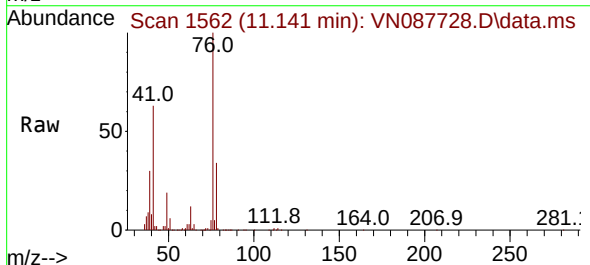
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

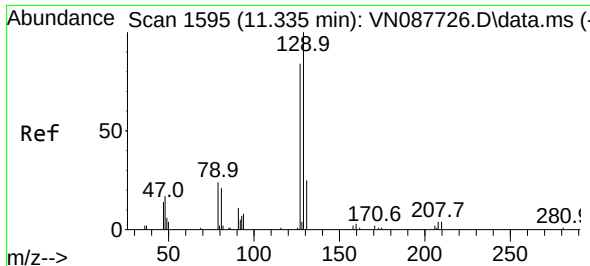
Tgt Ion: 69 Resp: 569562
Ion Ratio Lower Upper
69 100
41 69.4 33.7 101.0
39 43.8 20.3 60.9



#52
1,3-Dichloropropane
Concen: 108.009 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN087728.D
Acq: 04 Sep 2025 17:25

Tgt Ion: 76 Resp: 582005
Ion Ratio Lower Upper
76 100
78 32.7 0.0 65.2

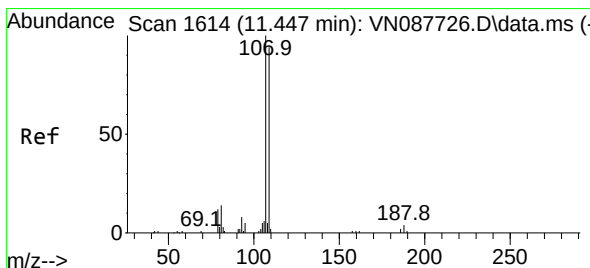
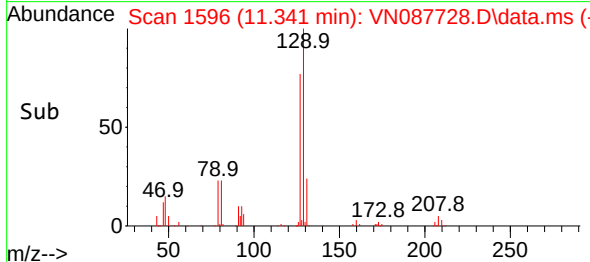
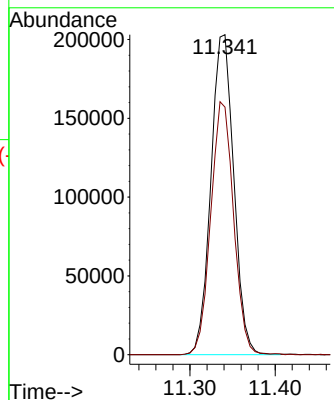
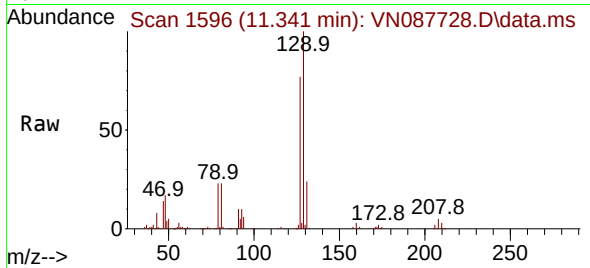




#53
Dibromochloromethane
Concen: 110.707 ug/l
RT: 11.341 min Scan# 11341
Delta R.T. 0.006 min
Lab File: VN087728.D
Acq: 04 Sep 2025 17:25

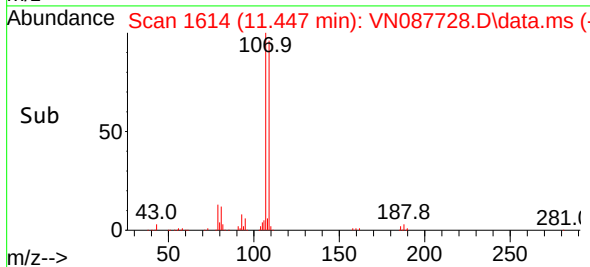
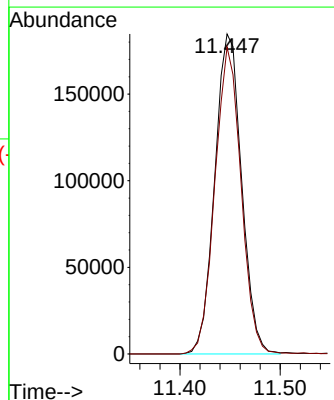
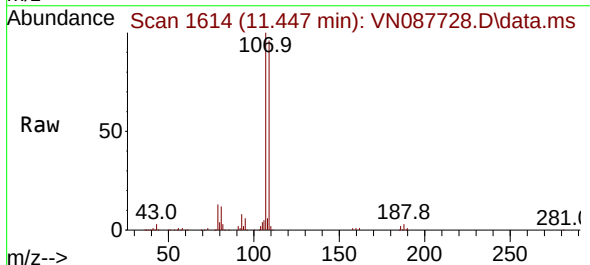
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

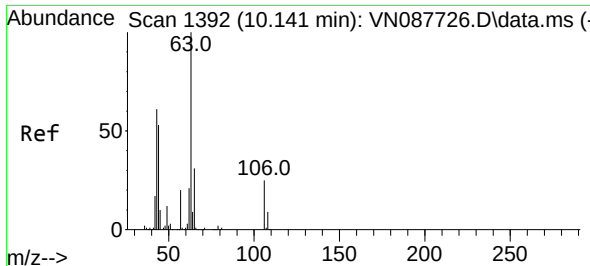
Tgt Ion:129 Resp: 378765
Ion Ratio Lower Upper
129 100
127 78.8 42.6 128.0



#54
1,2-Dibromoethane
Concen: 108.245 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN087728.D
Acq: 04 Sep 2025 17:25

Tgt Ion:107 Resp: 342831
Ion Ratio Lower Upper
107 100
109 93.4 74.6 112.0

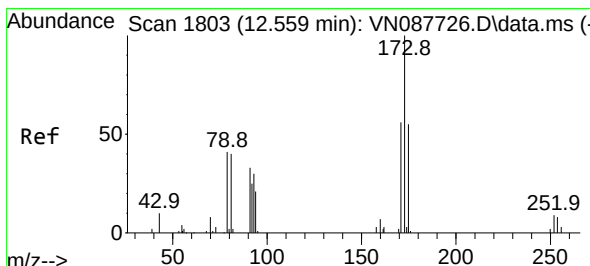
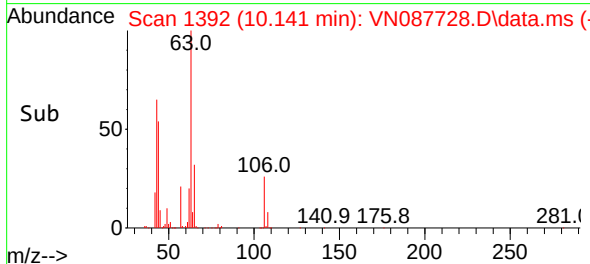
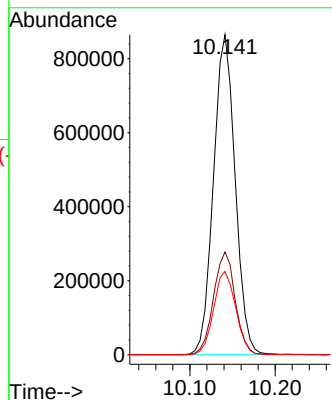
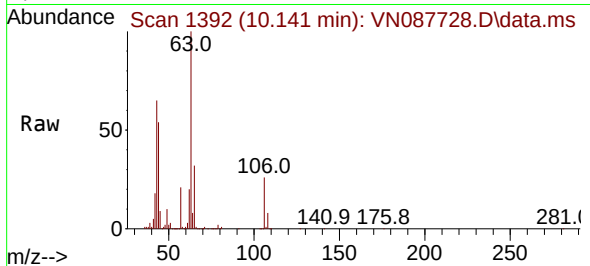




#55
2-Chloroethyl vinyl ether
Concen: 551.521 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN087728.D
Acq: 04 Sep 2025 17:25

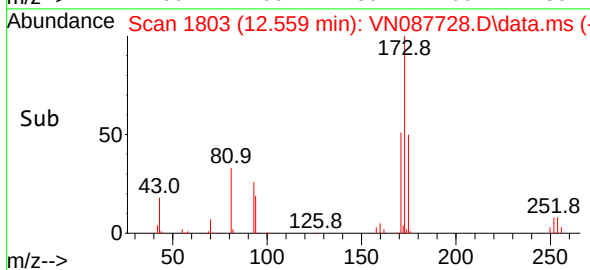
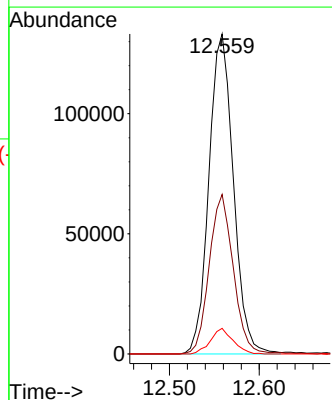
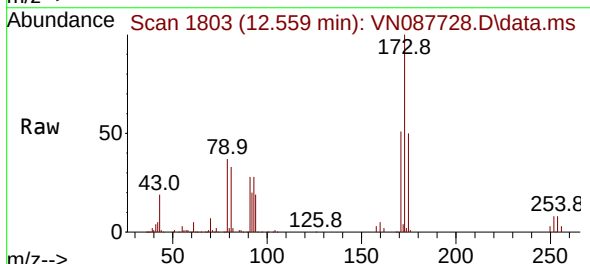
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

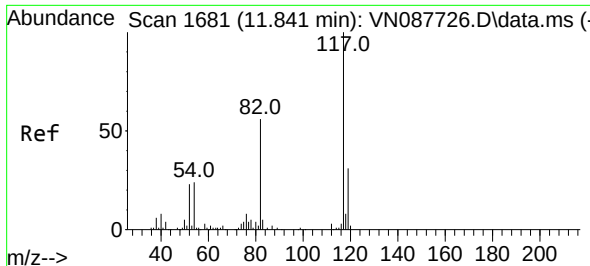
Tgt Ion: 63 Resp: 1528234
Ion Ratio Lower Upper
63 100
65 32.1 26.6 40.0
106 26.5 21.1 31.7



#56
Bromoform
Concen: 111.308 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VN087728.D
Acq: 04 Sep 2025 17:25

Tgt Ion:173 Resp: 252313
Ion Ratio Lower Upper
173 100
175 48.8 39.8 59.6
254 7.4 6.2 9.4

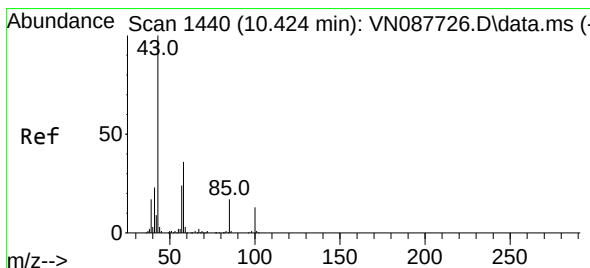
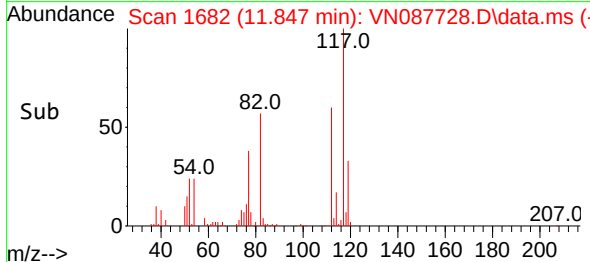
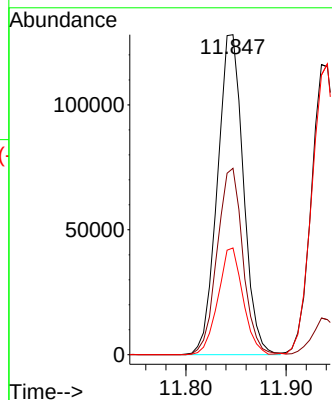
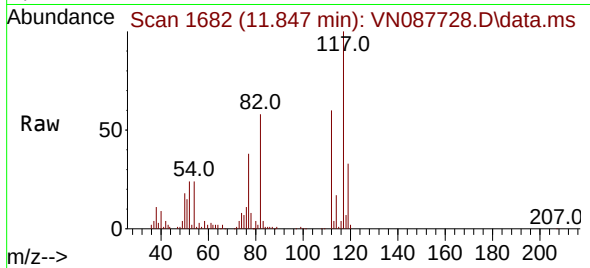




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VN087728.D
Acq: 04 Sep 2025 17:25

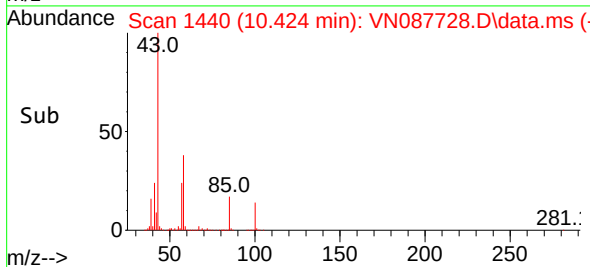
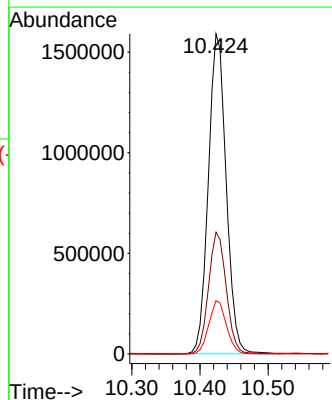
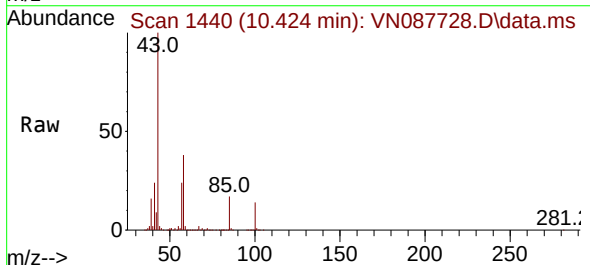
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

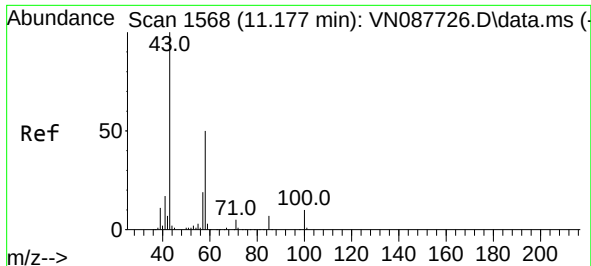
Tgt Ion:117 Resp: 230623
Ion Ratio Lower Upper
117 100
82 57.9 45.9 68.9
119 32.2 25.3 37.9



#58
4-Methyl-2-Pentanone
Concen: 507.772 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087728.D
Acq: 04 Sep 2025 17:25

Tgt Ion: 43 Resp: 2897553
Ion Ratio Lower Upper
43 100
58 37.8 29.6 44.4
85 16.5 13.0 19.4

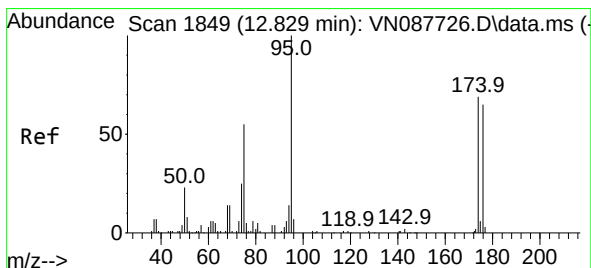
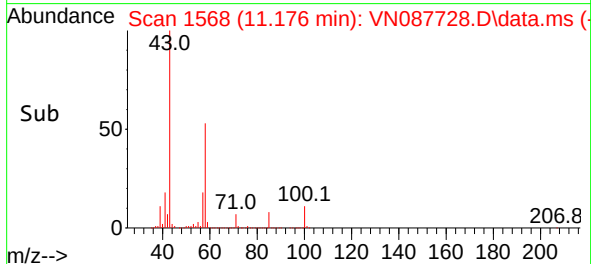
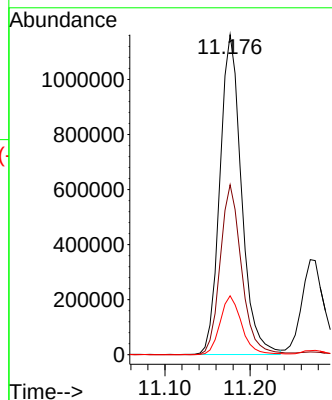
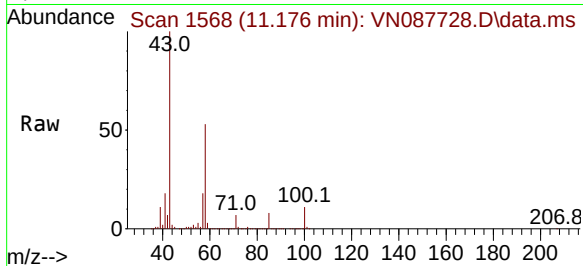




#59
2-Hexanone
Concen: 530.247 ug/l
RT: 11.176 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087728.D
Acq: 04 Sep 2025 17:25

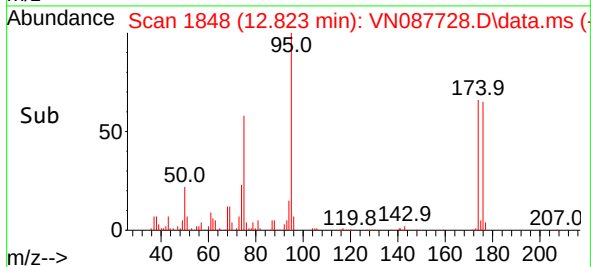
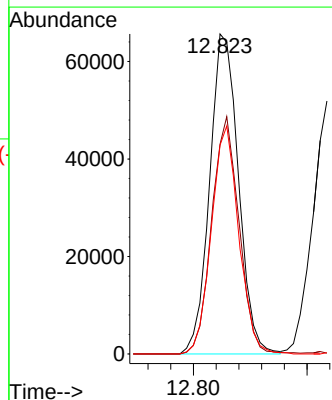
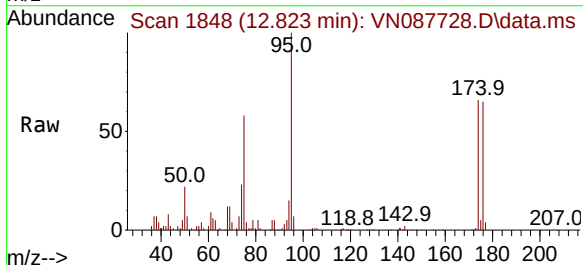
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

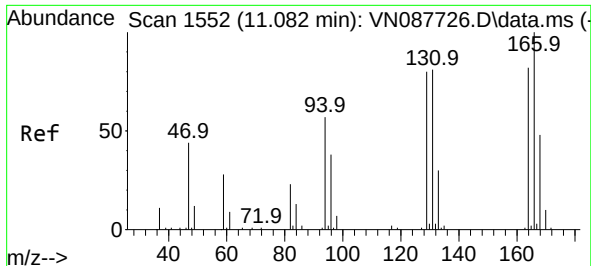
Tgt Ion: 43 Resp: 2049165
Ion Ratio Lower Upper
43 100
58 52.6 40.2 60.4
57 18.3 13.7 20.5



#60
4-Bromofluorobenzene
Concen: 29.459 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. -0.006 min
Lab File: VN087728.D
Acq: 04 Sep 2025 17:25

Tgt Ion: 95 Resp: 115538
Ion Ratio Lower Upper
95 100
174 70.2 55.4 83.0
176 67.8 51.5 77.3

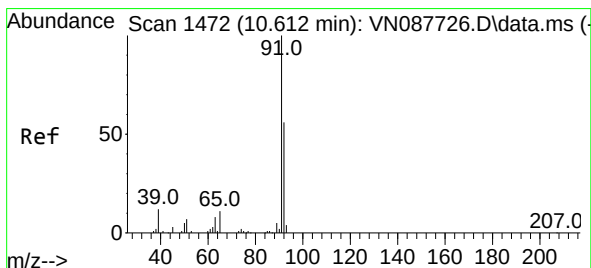
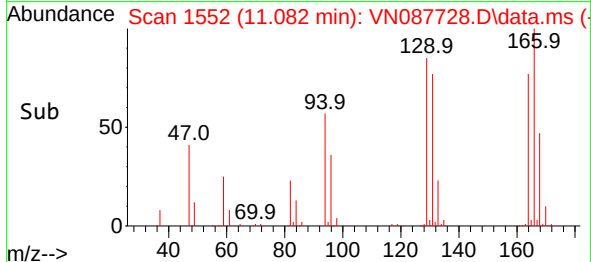
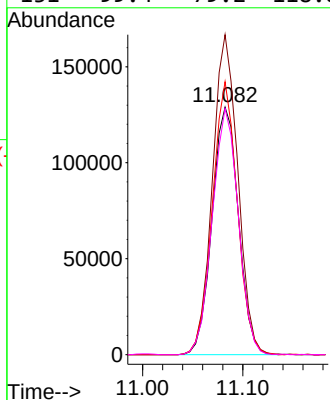
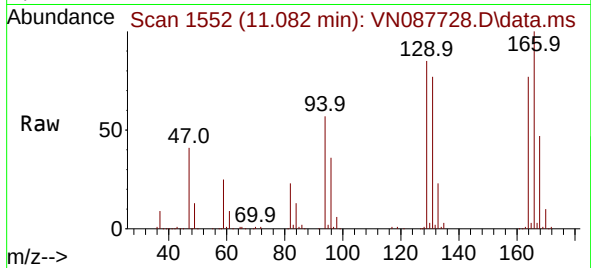




#61
Tetrachloroethene
Concen: 105.508 ug/l
RT: 11.082 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087728.D
Acq: 04 Sep 2025 17:25

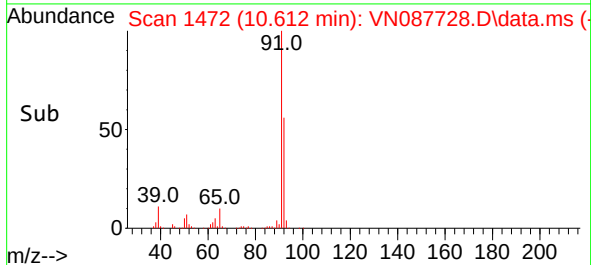
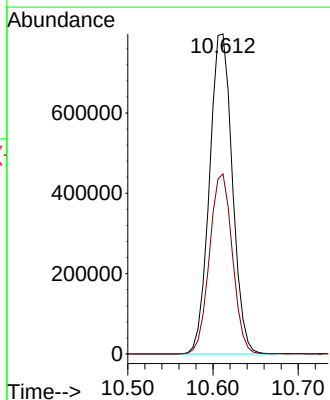
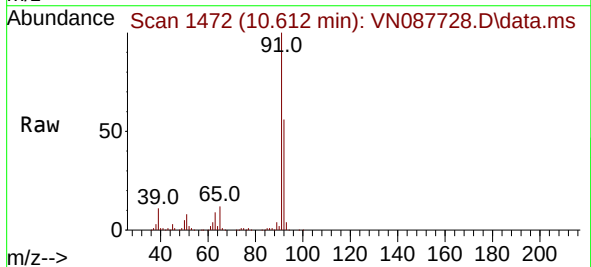
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

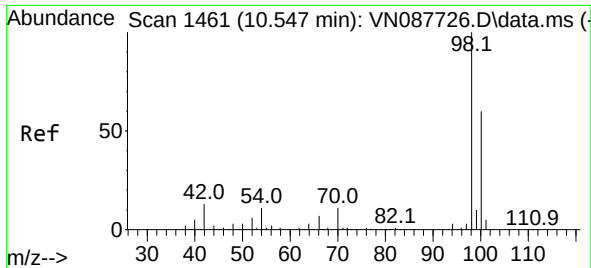
Tgt Ion:164 Resp: 234889
Ion Ratio Lower Upper
164 100
166 129.3 97.3 145.9
129 110.3 78.6 117.8
131 99.4 79.2 118.8



#62
Toluene
Concen: 107.196 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087728.D
Acq: 04 Sep 2025 17:25

Tgt Ion: 91 Resp: 1487570
Ion Ratio Lower Upper
91 100
92 56.3 45.4 68.0

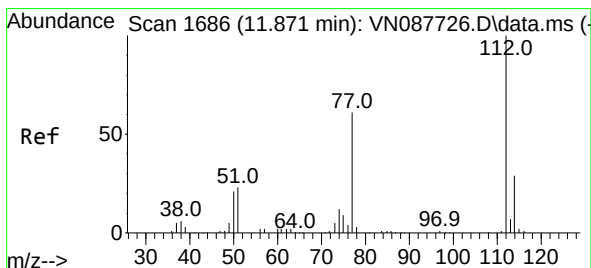
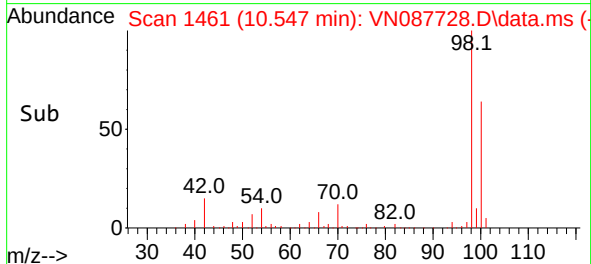
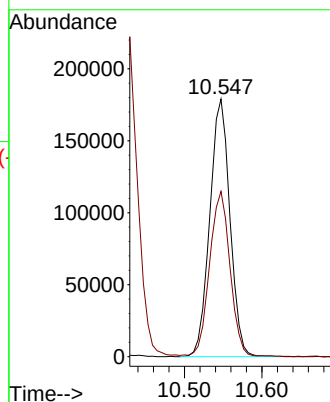
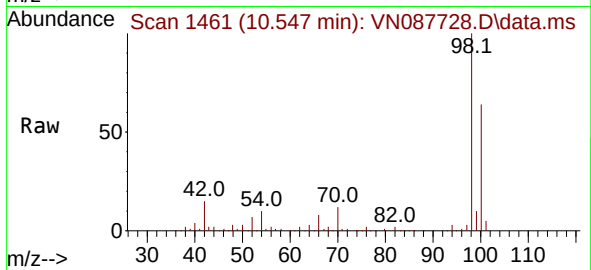




#63
Toluene-d8
Concen: 30.351 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087728.D
Acq: 04 Sep 2025 17:25

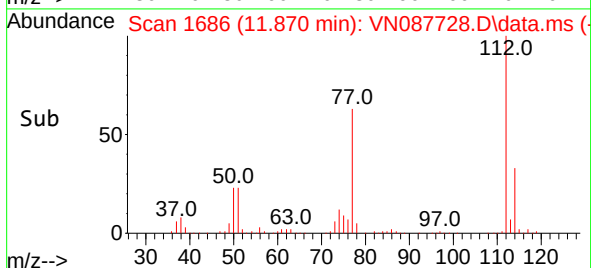
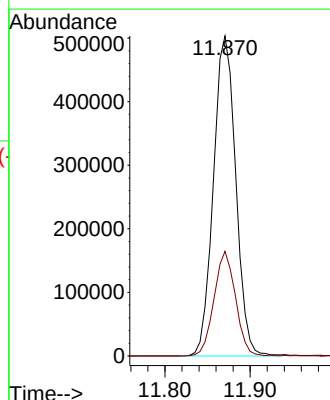
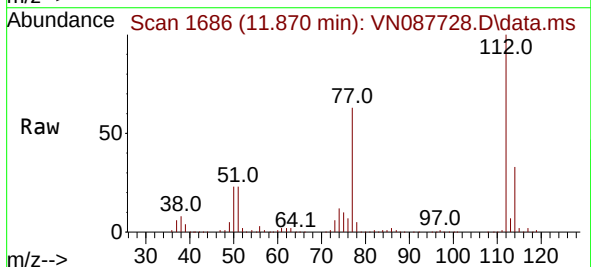
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

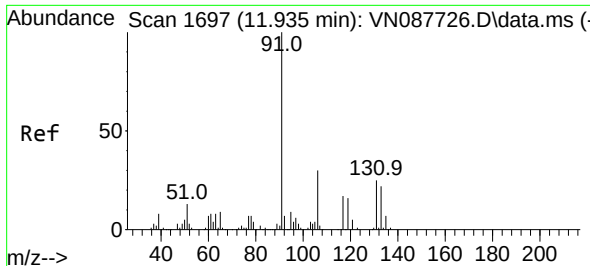
Tgt Ion: 98 Resp: 323414
Ion Ratio Lower Upper
98 100
100 64.0 50.6 76.0



#64
Chlorobenzene
Concen: 107.540 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087728.D
Acq: 04 Sep 2025 17:25

Tgt Ion: 112 Resp: 915703
Ion Ratio Lower Upper
112 100
114 32.7 23.5 35.3

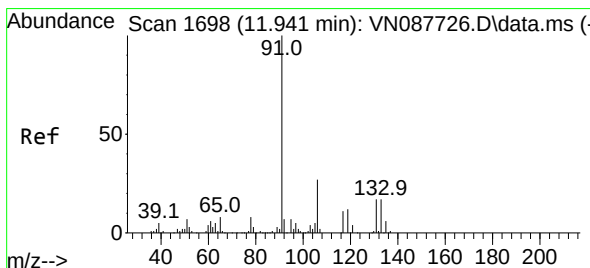
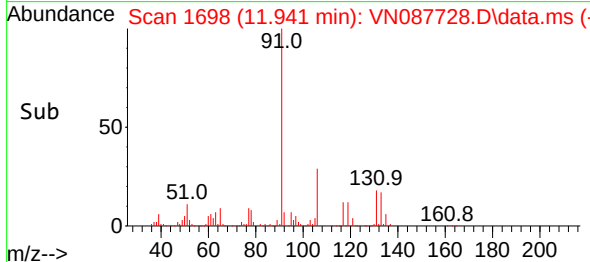
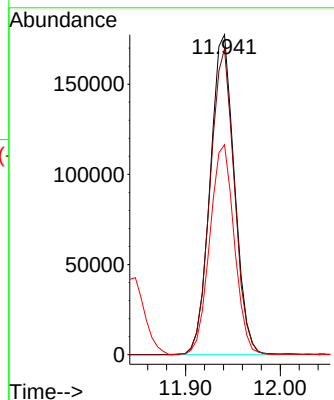
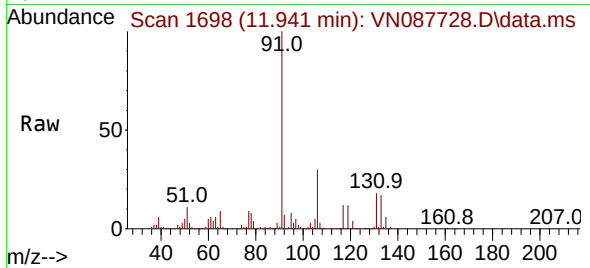




#65
1,1,1,2-Tetrachloroethane
Concen: 105.470 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VN087728.D
Acq: 04 Sep 2025 17:25

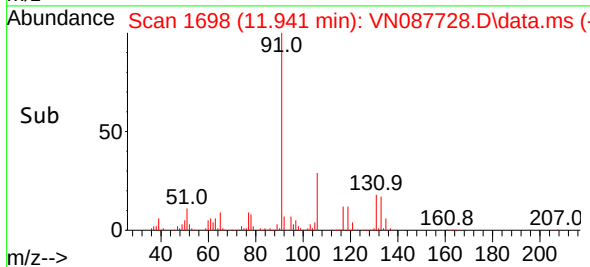
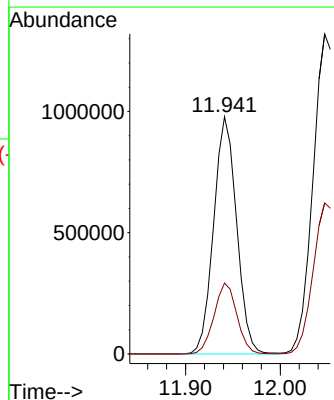
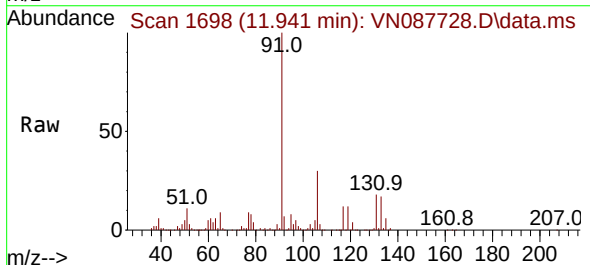
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

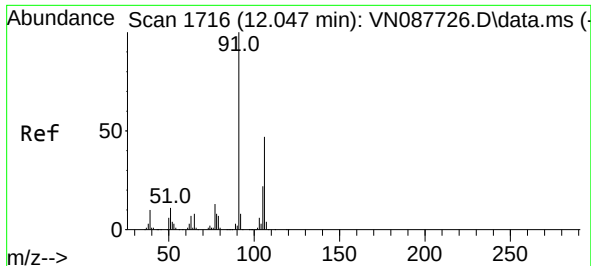
Tgt Ion:131 Resp: 316148
Ion Ratio Lower Upper
131 100
133 95.4 0.0 195.8
119 66.1 0.0 139.0



#66
Ethyl Benzene
Concen: 107.822 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087728.D
Acq: 04 Sep 2025 17:25

Tgt Ion: 91 Resp: 1649107
Ion Ratio Lower Upper
91 100
106 29.9 21.3 31.9





#67

m/p-Xylenes

Concen: 218.504 ug/l

RT: 12.047 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VN087728.D

Acq: 04 Sep 2025 17:25

Instrument :

MSVOA_N

ClientSampleId :

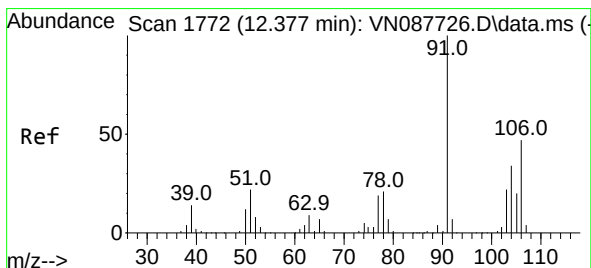
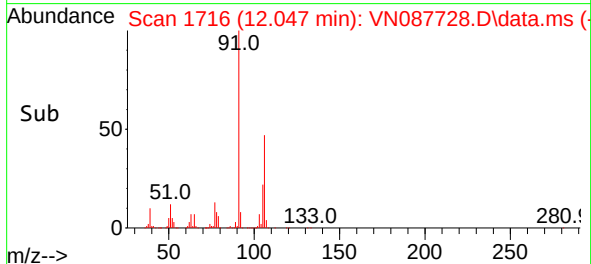
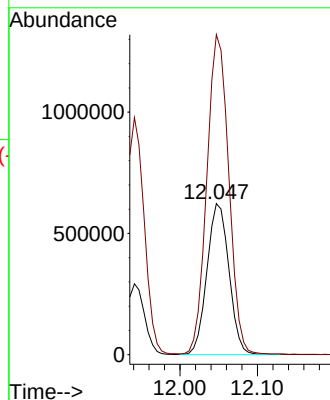
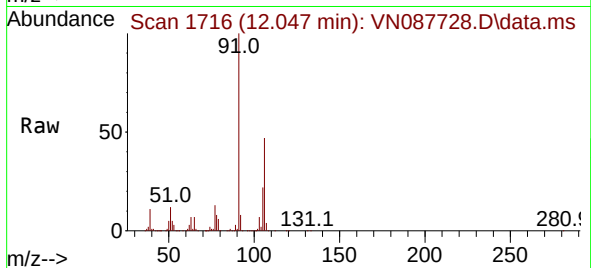
VSTDICC100

Tgt Ion:106 Resp: 1230087

Ion Ratio Lower Upper

106 100

91 211.2 174.3 261.5



#68

o-Xylene

Concen: 107.086 ug/l

RT: 12.376 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VN087728.D

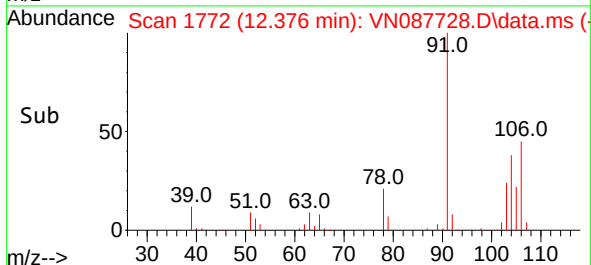
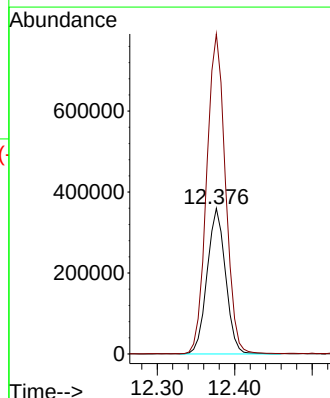
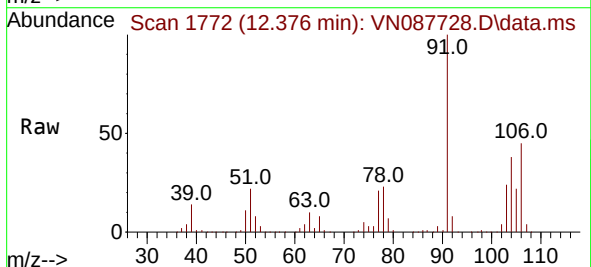
Acq: 04 Sep 2025 17:25

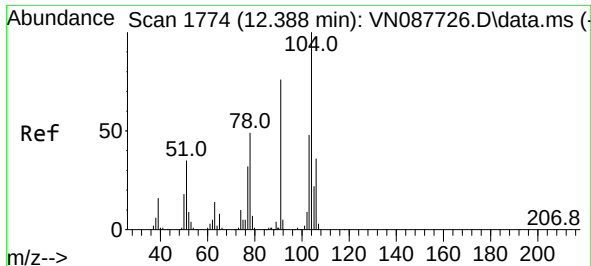
Tgt Ion:106 Resp: 594671

Ion Ratio Lower Upper

106 100

91 223.9 107.7 323.3

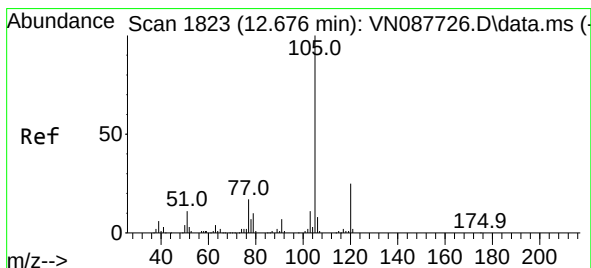
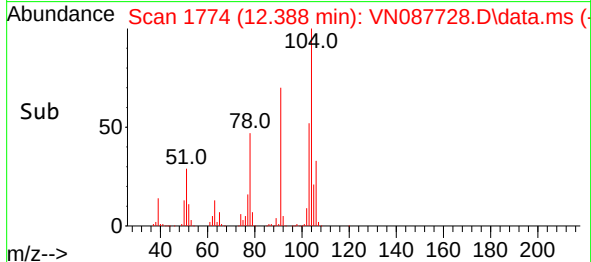
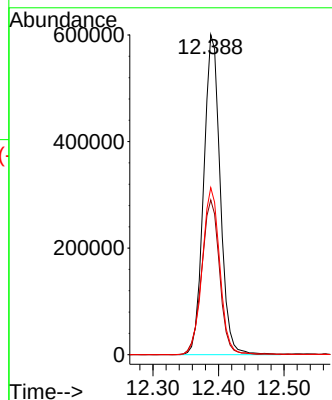
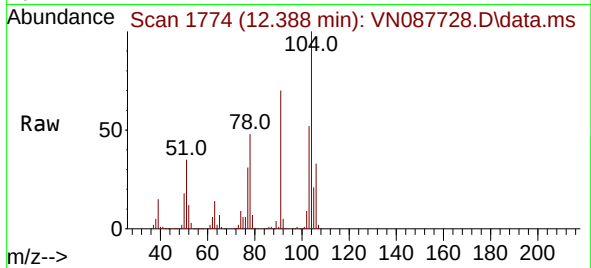




#69
Styrene
Concen: 111.873 ug/l
RT: 12.388 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087728.D
Acq: 04 Sep 2025 17:25

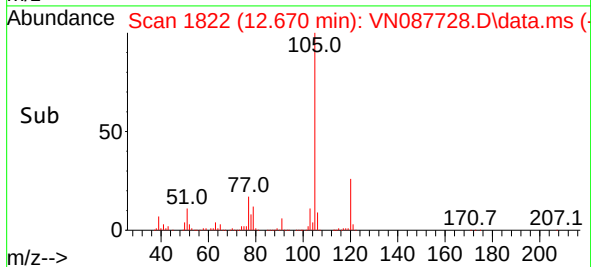
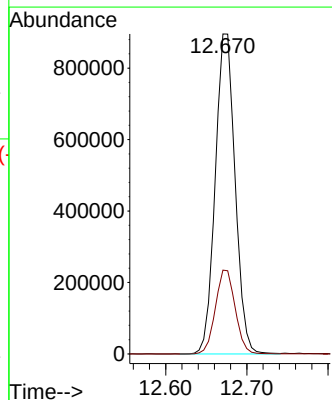
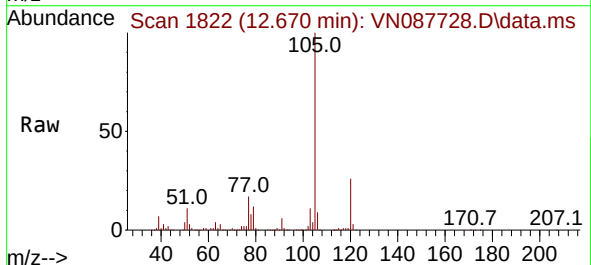
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

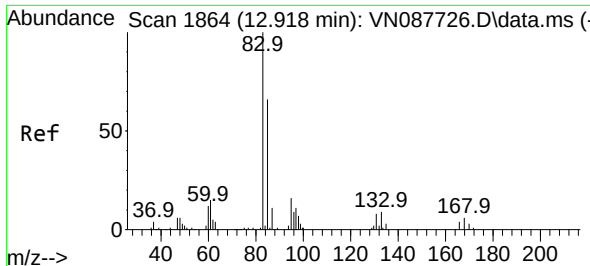
Tgt Ion:104 Resp: 1056802
Ion Ratio Lower Upper
104 100
78 52.1 41.0 61.6
103 55.2 44.6 66.8



#70
Isopropylbenzene
Concen: 109.171 ug/l
RT: 12.670 min Scan# 1822
Delta R.T. -0.006 min
Lab File: VN087728.D
Acq: 04 Sep 2025 17:25

Tgt Ion:105 Resp: 1525065
Ion Ratio Lower Upper
105 100
120 26.1 17.4 32.4

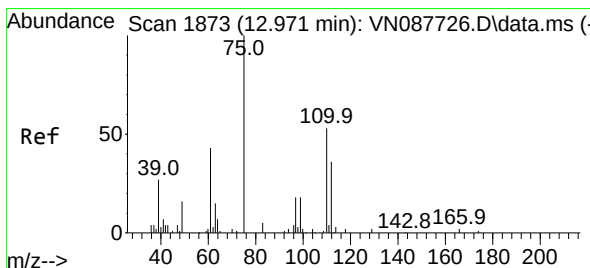
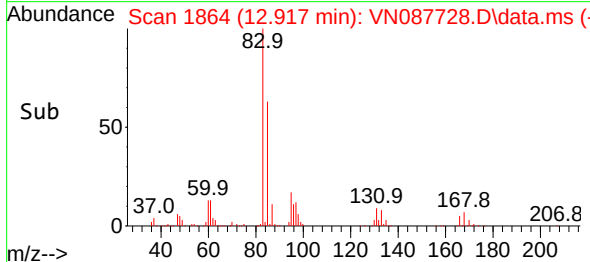
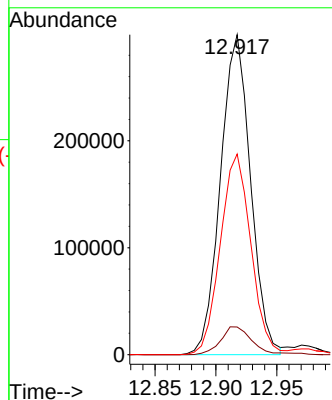
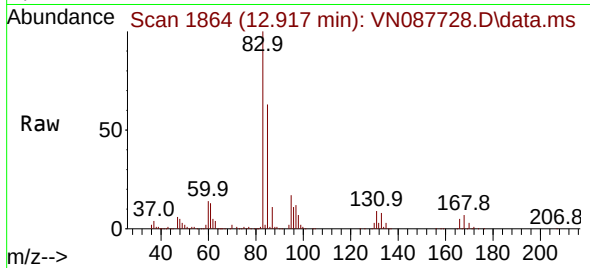




#71
1,1,2-Tetrachloroethane
Concen: 105.616 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN087728.D
Acq: 04 Sep 2025 17:25

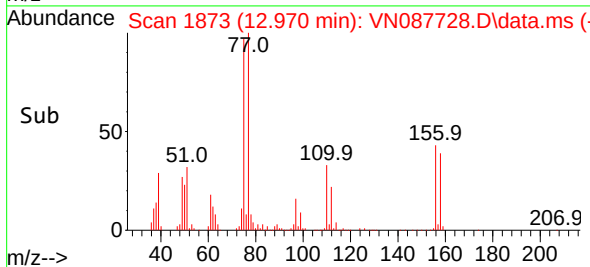
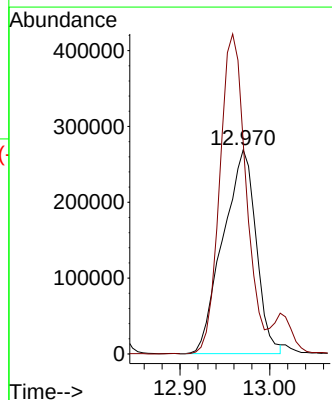
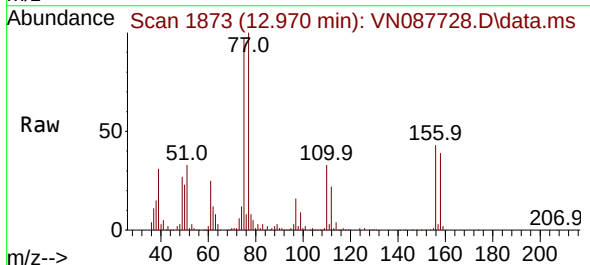
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

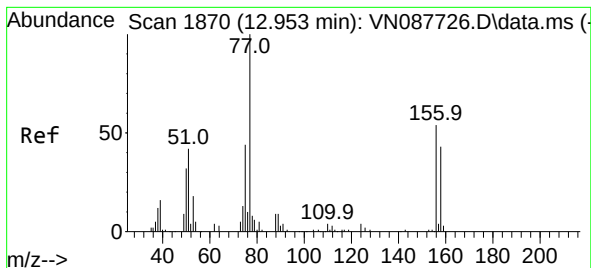
Tgt Ion: 83 Resp: 514778
Ion Ratio Lower Upper
83 100
131 8.8 4.8 14.3
85 63.8 31.9 95.7



#72
1,2,3-Trichloropropane
Concen: 151.276 ug/l
RT: 12.970 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN087728.D
Acq: 04 Sep 2025 17:25

Tgt Ion: 75 Resp: 687882
Ion Ratio Lower Upper
75 100
77 124.1 0.0 378.8





#73

Bromobenzene

Concen: 108.052 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. 0.006 min

Lab File: VN087728.D

Acq: 04 Sep 2025 17:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

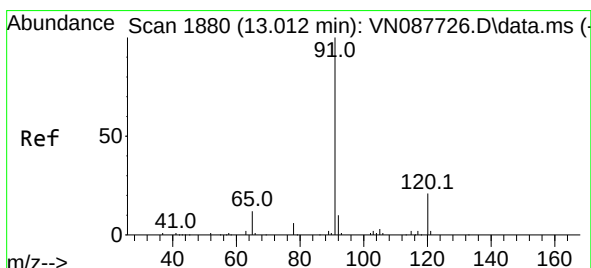
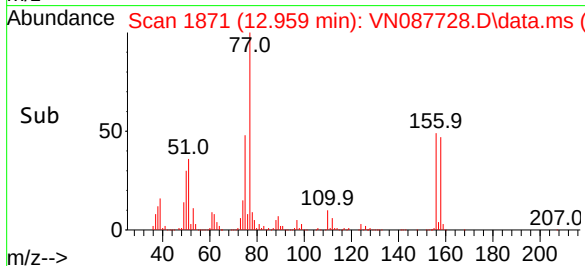
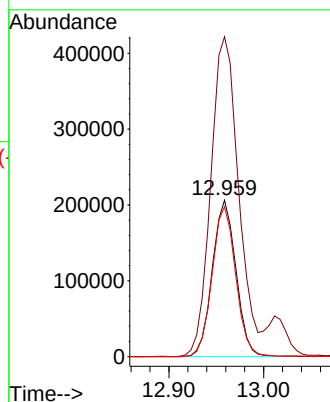
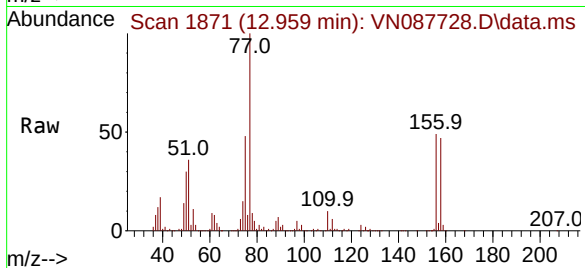
Tgt Ion:156 Resp: 356832

Ion Ratio Lower Upper

156 100

77 239.2 0.0 484.2

158 95.9 0.0 186.2



#74

n-propylbenzene

Concen: 108.687 ug/l

RT: 13.012 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VN087728.D

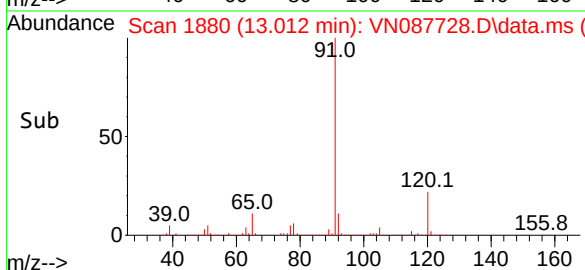
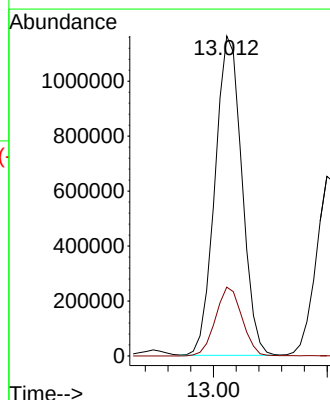
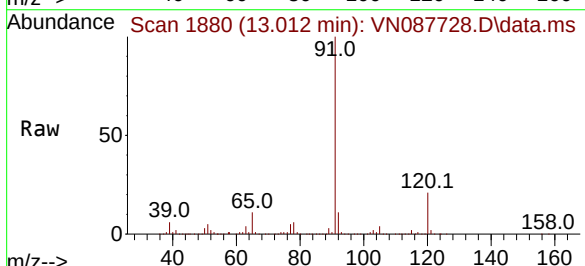
Acq: 04 Sep 2025 17:25

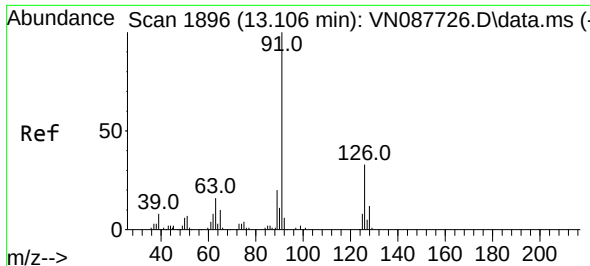
Tgt Ion: 91 Resp: 1910176

Ion Ratio Lower Upper

91 100

120 21.3 0.0 42.2

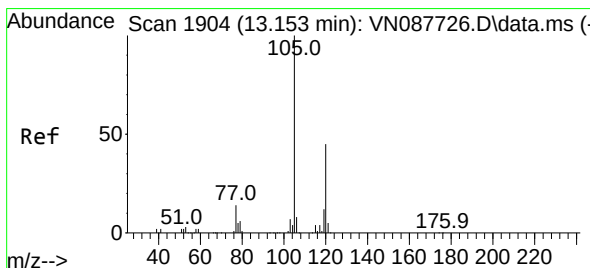
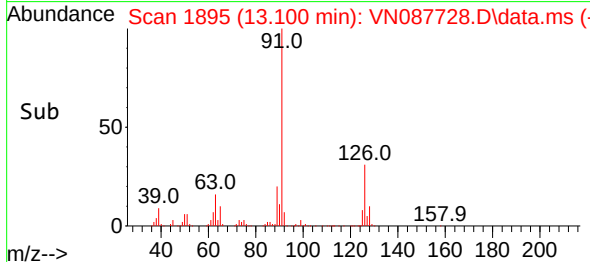
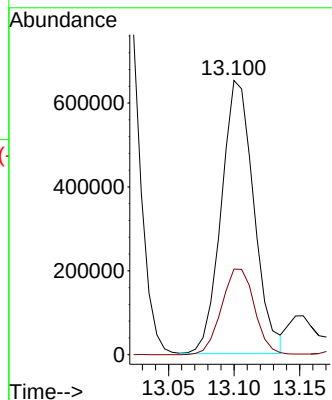
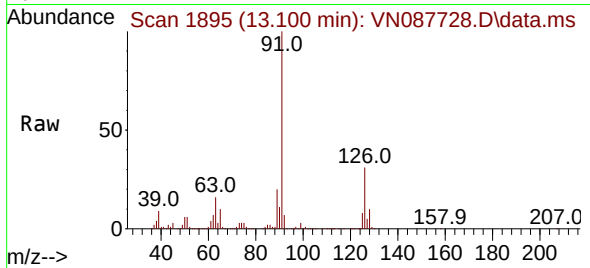




#75
2-Chlorotoluene
Concen: 104.153 ug/l
RT: 13.100 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087728.D
Acq: 04 Sep 2025 17:25

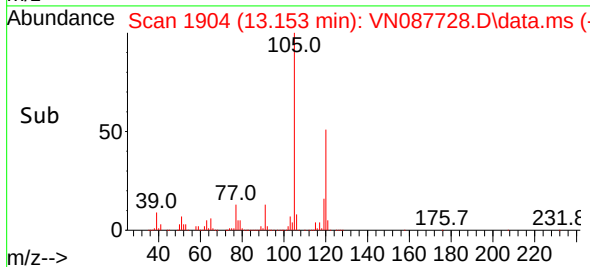
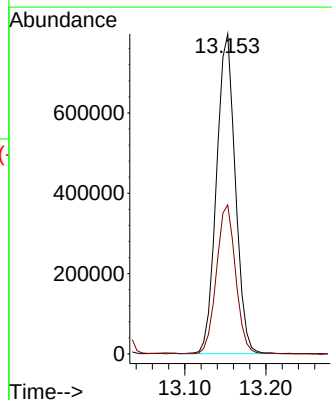
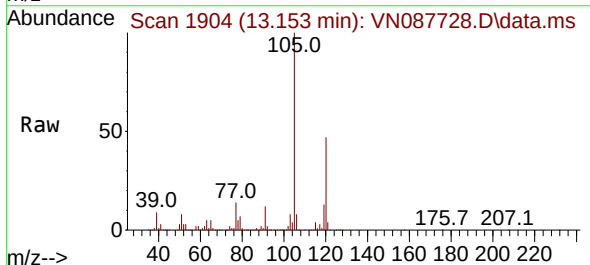
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

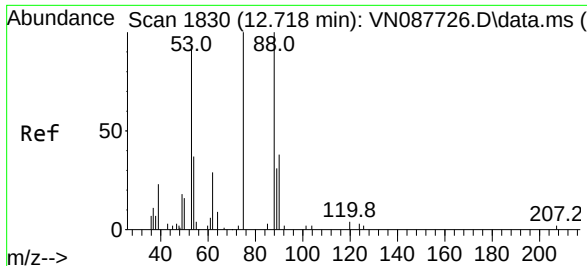
Tgt Ion: 91 Resp: 1125992
Ion Ratio Lower Upper
91 100
126 31.8 0.0 60.4



#76
1,3,5-Trimethylbenzene
Concen: 106.824 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN087728.D
Acq: 04 Sep 2025 17:25

Tgt Ion:105 Resp: 1280589
Ion Ratio Lower Upper
105 100
120 47.7 0.0 92.6

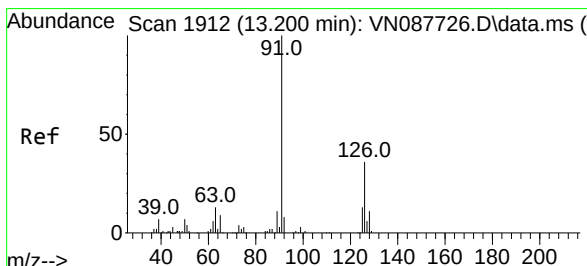
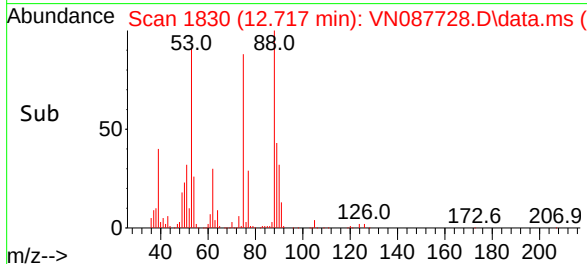
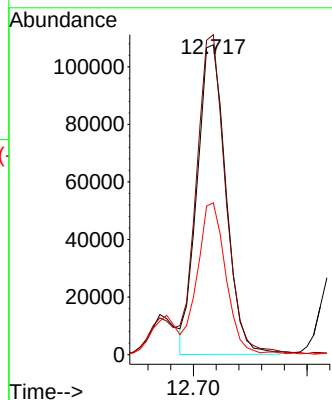
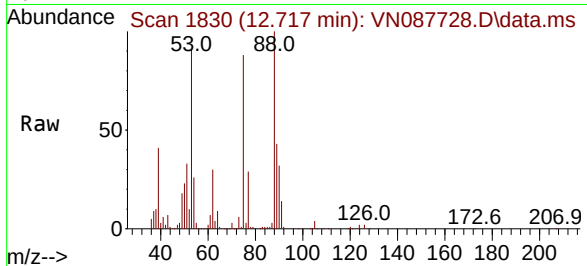




#77
t-1,4-Dichloro-2-butene
Concen: 111.145 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN087728.D
Acq: 04 Sep 2025 17:25

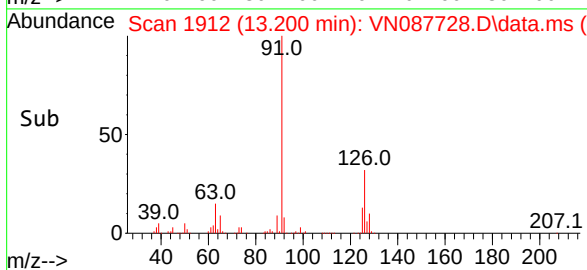
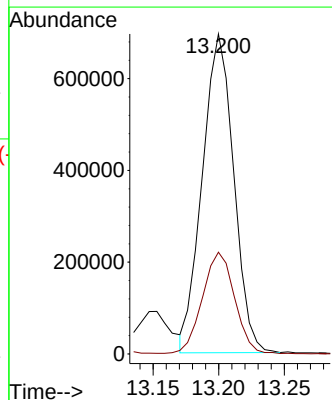
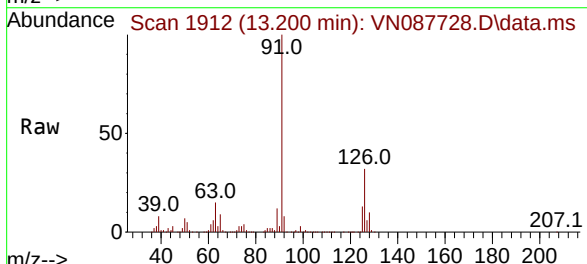
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

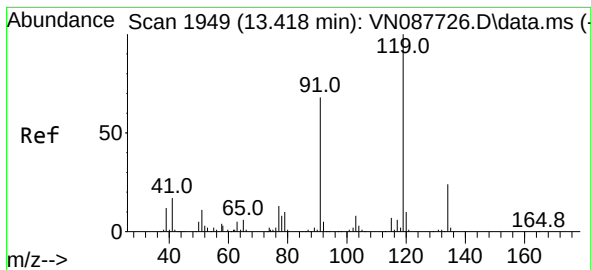
Tgt Ion: 75 Resp: 189778
Ion Ratio Lower Upper
75 100
53 103.0 45.3 135.9
89 48.8 18.8 56.3



#78
4-Chlorotoluene
Concen: 105.159 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087728.D
Acq: 04 Sep 2025 17:25

Tgt Ion: 91 Resp: 1157012
Ion Ratio Lower Upper
91 100
126 32.5 0.0 67.0

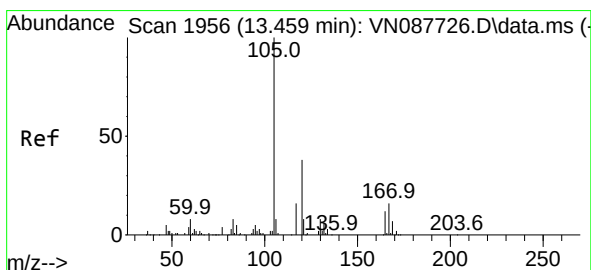
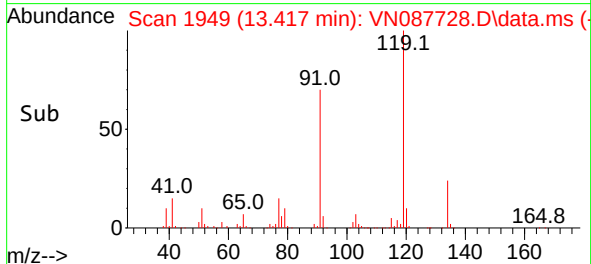
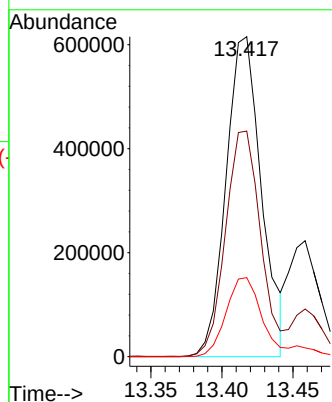
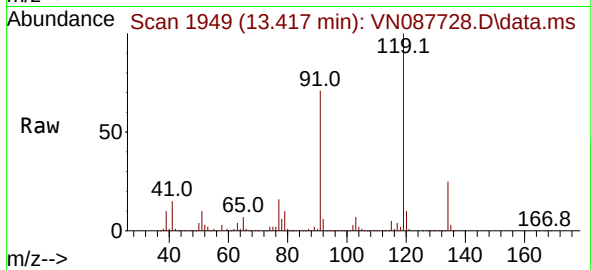




#79
tert-butylbenzene
Concen: 106.056 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VN087728.D
Acq: 04 Sep 2025 17:25

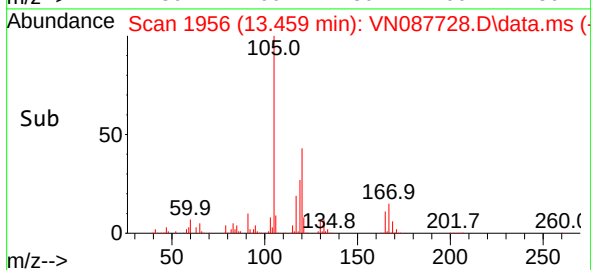
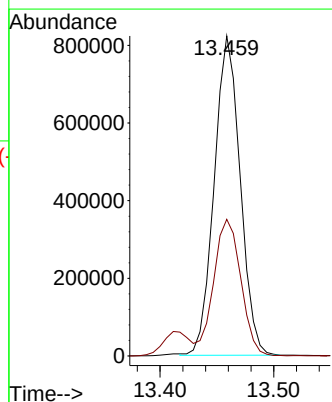
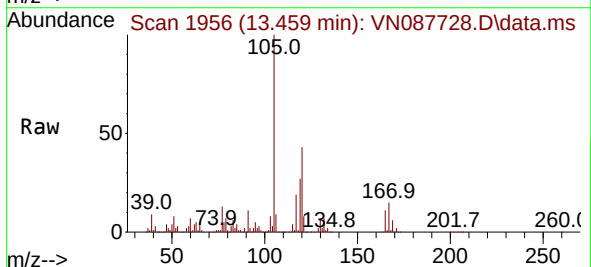
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

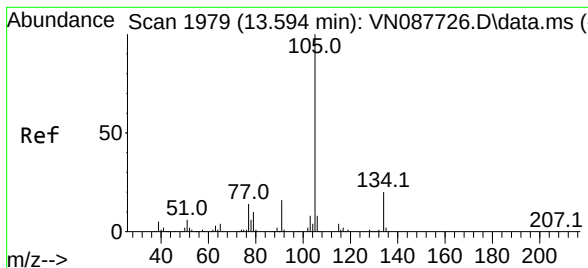
Tgt Ion:119 Resp: 1071115
Ion Ratio Lower Upper
119 100
91 69.2 0.0 142.6
134 24.8 0.0 47.2



#80
1,2,4-Trimethylbenzene
Concen: 107.903 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN087728.D
Acq: 04 Sep 2025 17:25

Tgt Ion:105 Resp: 1304823
Ion Ratio Lower Upper
105 100
120 44.9 0.0 86.6

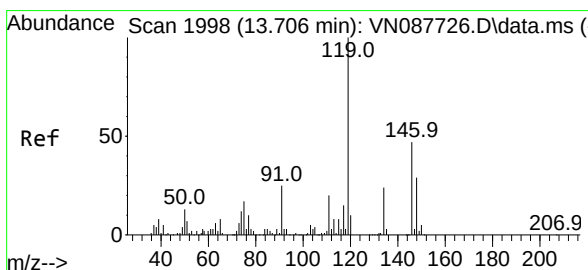
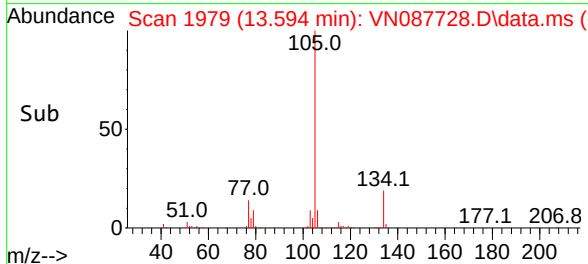
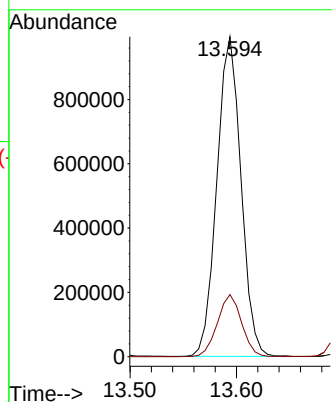
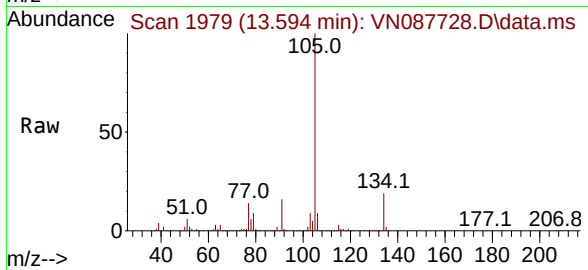




#81
 sec-Butylbenzene
 Concen: 106.168 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN087728.D
 Acq: 04 Sep 2025 17:25

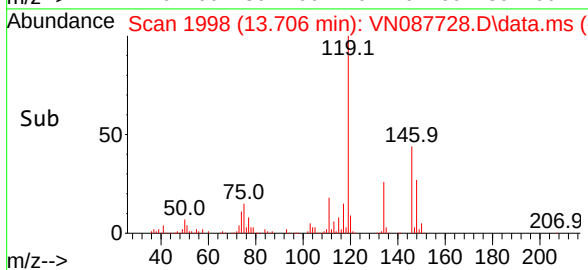
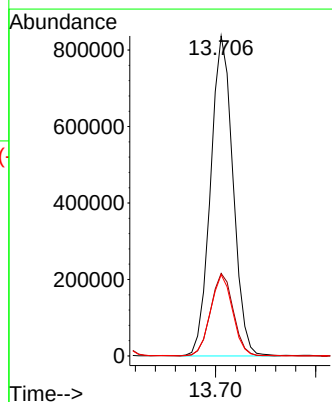
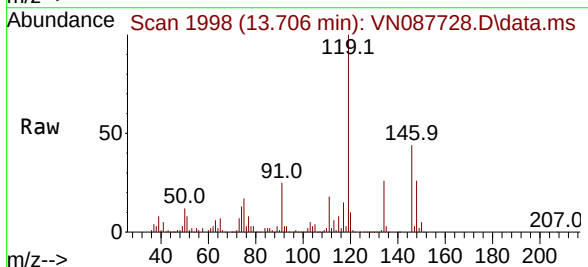
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

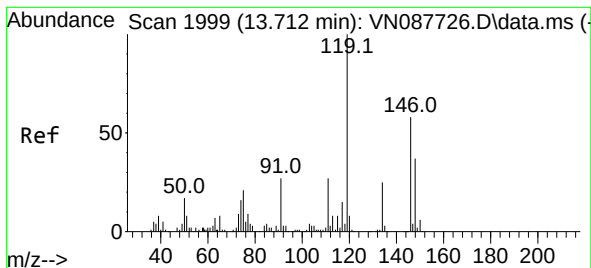
Tgt Ion:105 Resp: 1563520
 Ion Ratio Lower Upper
 105 100
 134 19.5 0.0 37.0



#82
 p-Isopropyltoluene
 Concen: 106.747 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087728.D
 Acq: 04 Sep 2025 17:25

Tgt Ion:119 Resp: 1301395
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 49.4
 91 24.8 0.0 52.2





#83

1,3-Dichlorobenzene

Concen: 109.350 ug/l

RT: 13.712 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN087728.D

Acq: 04 Sep 2025 17:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

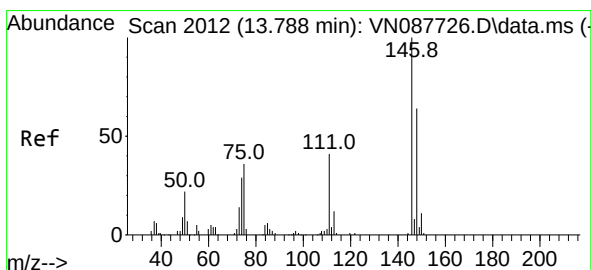
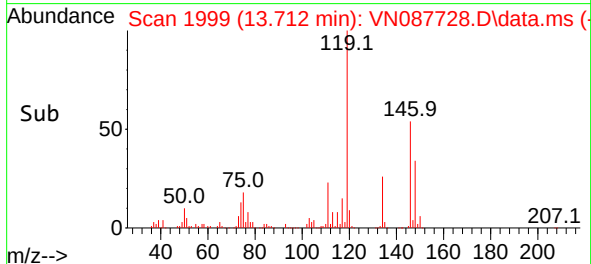
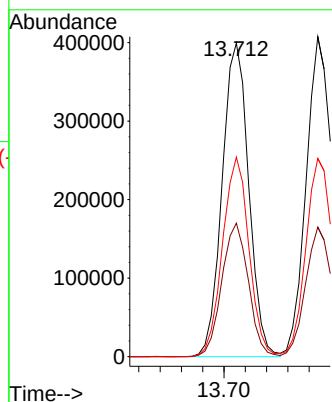
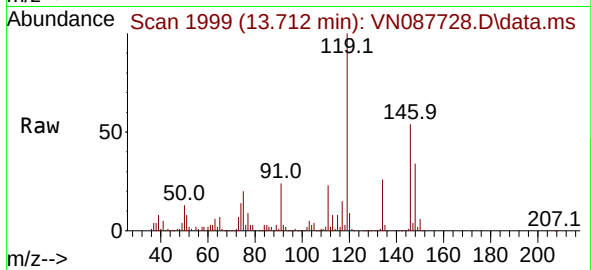
Tgt Ion:146 Resp: 691902

Ion Ratio Lower Upper

146 100

111 42.5 21.1 63.4

148 63.3 31.0 93.0



#84

1,4-Dichlorobenzene

Concen: 109.576 ug/l

RT: 13.788 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN087728.D

Acq: 04 Sep 2025 17:25

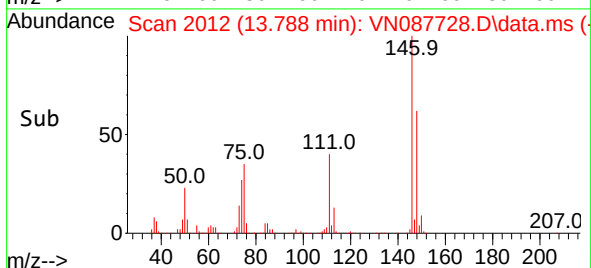
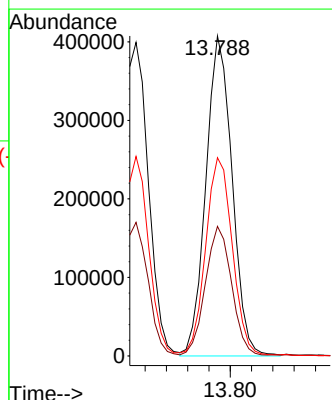
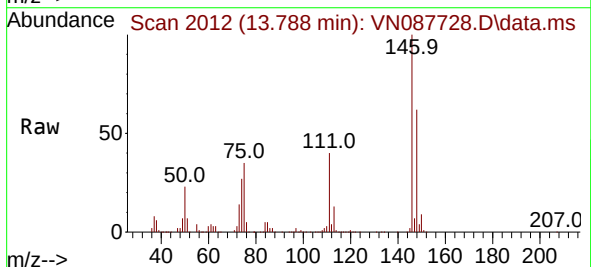
Tgt Ion:146 Resp: 697980

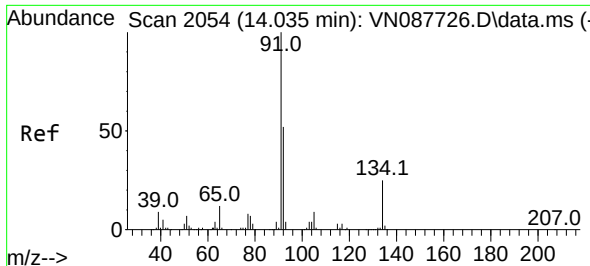
Ion Ratio Lower Upper

146 100

111 40.7 20.2 60.5

148 63.2 31.5 94.5

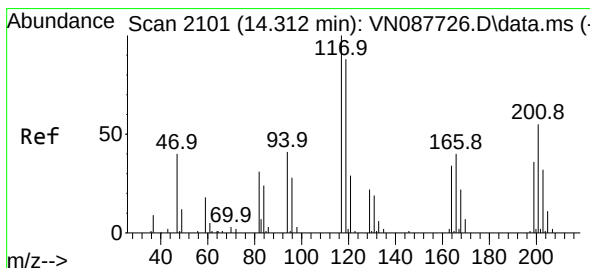
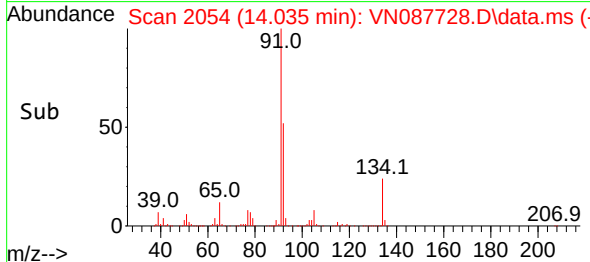
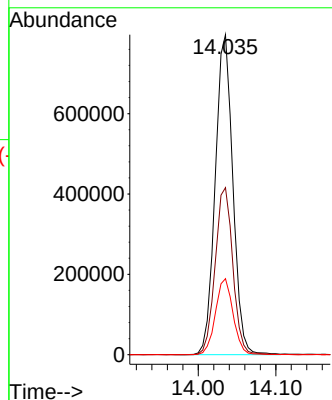
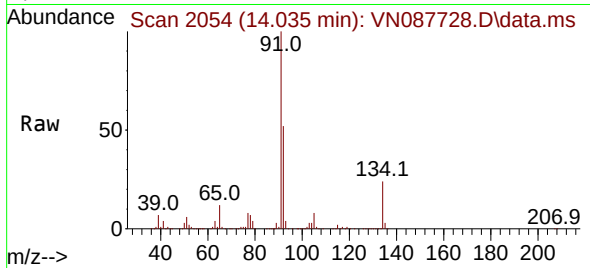




#85
n-Butylbenzene
Concen: 106.198 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. -0.000 min
Lab File: VN087728.D
Acq: 04 Sep 2025 17:25

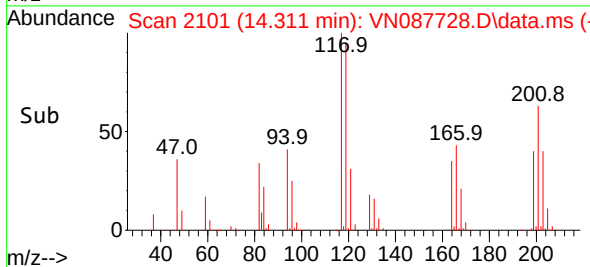
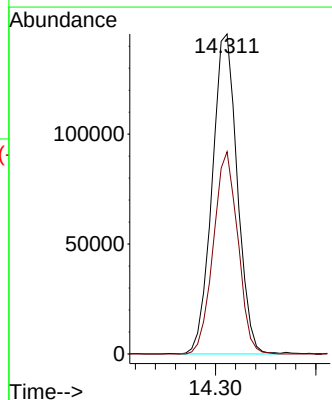
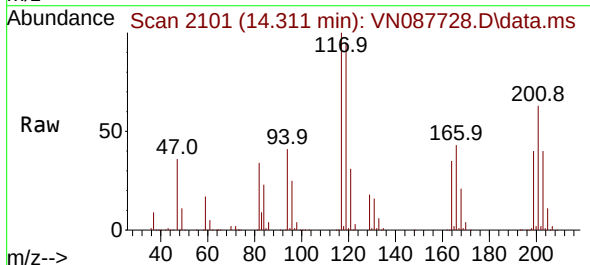
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

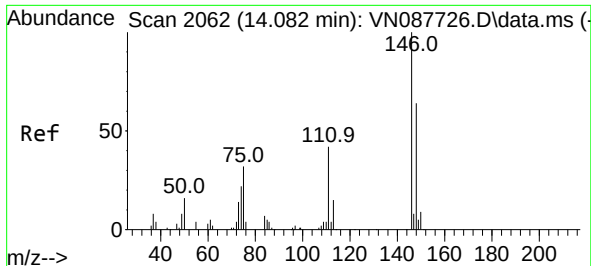
Tgt Ion: 91 Resp: 1257557
Ion Ratio Lower Upper
91 100
92 52.3 0.0 104.0
134 23.9 0.0 46.0



#86
Hexachloroethane
Concen: 104.907 ug/l
RT: 14.311 min Scan# 2101
Delta R.T. -0.000 min
Lab File: VN087728.D
Acq: 04 Sep 2025 17:25

Tgt Ion: 117 Resp: 253844
Ion Ratio Lower Upper
117 100
201 61.4 29.9 89.7





#87

1,2-Dichlorobenzene

Concen: 109.561 ug/l

RT: 14.082 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VN087728.D

Acq: 04 Sep 2025 17:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

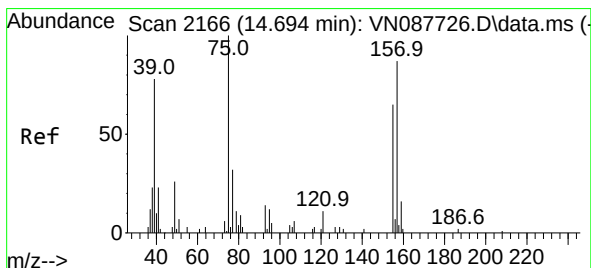
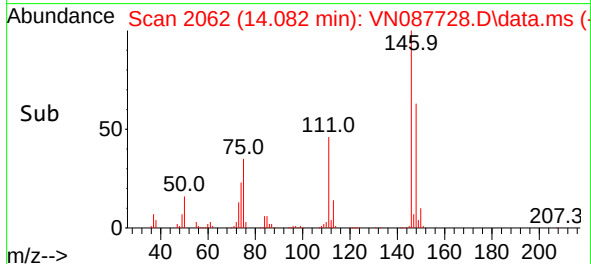
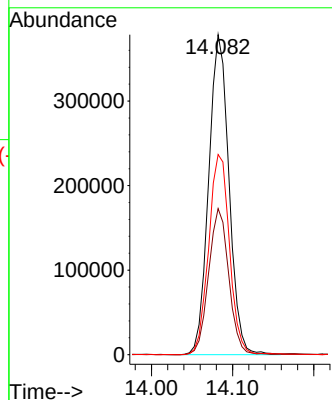
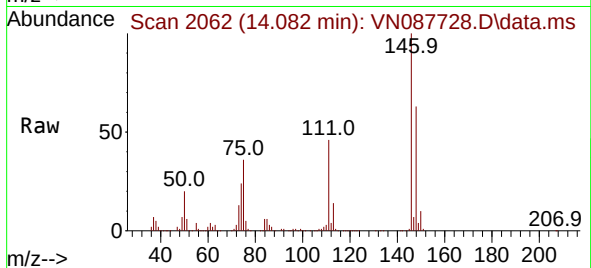
Tgt Ion:146 Resp: 657359

Ion Ratio Lower Upper

146 100

111 45.4 21.5 64.5

148 64.0 33.4 100.1



#88

1,2-Dibromo-3-Chloropropane

Concen: 97.139 ug/l

RT: 14.694 min Scan# 2166

Delta R.T. -0.000 min

Lab File: VN087728.D

Acq: 04 Sep 2025 17:25

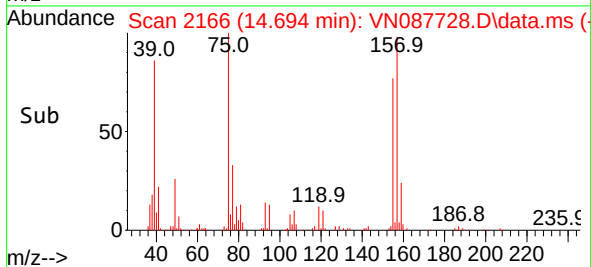
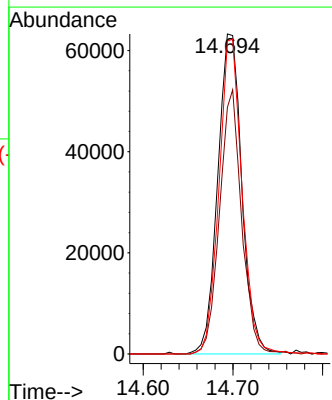
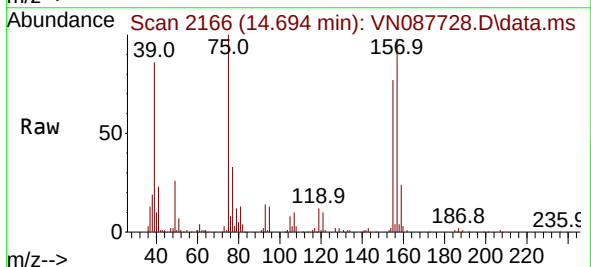
Tgt Ion: 75 Resp: 118055

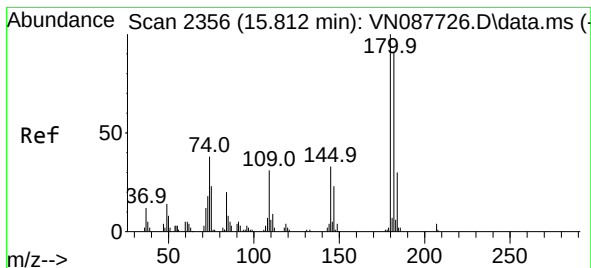
Ion Ratio Lower Upper

75 100

155 75.3 53.0 79.4

157 94.3 72.2 108.4





#89

1,2,4-Trichlorobenzene

Concen: 106.405 ug/l

RT: 15.811 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN087728.D

Acq: 04 Sep 2025 17:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

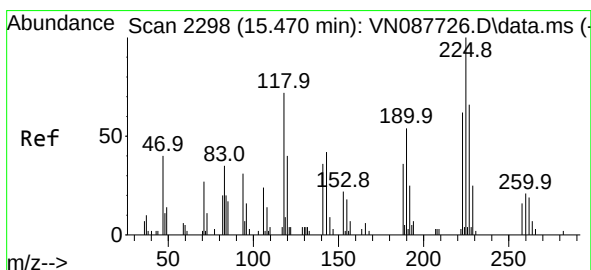
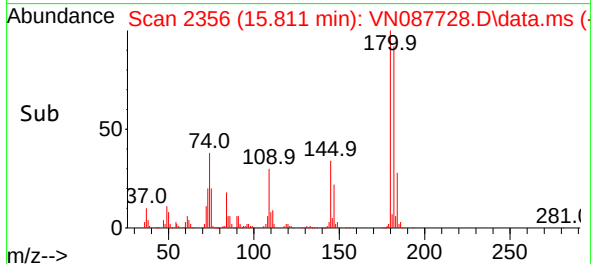
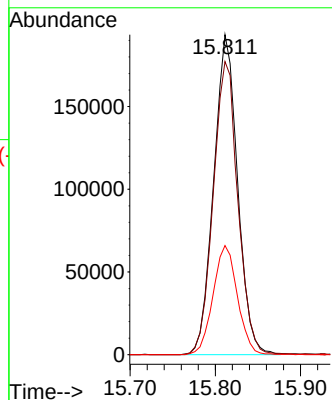
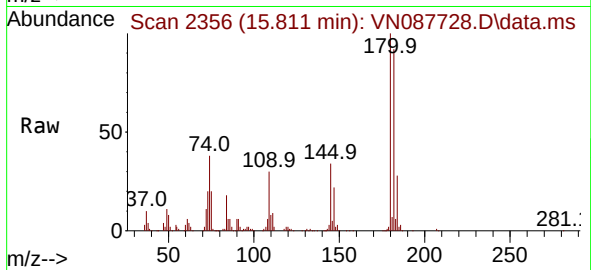
Tgt Ion:180 Resp: 377288

Ion Ratio Lower Upper

180 100

182 94.3 74.6 111.8

145 34.7 27.4 41.0



#90

Hexachlorobutadiene

Concen: 90.327 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. 0.006 min

Lab File: VN087728.D

Acq: 04 Sep 2025 17:25

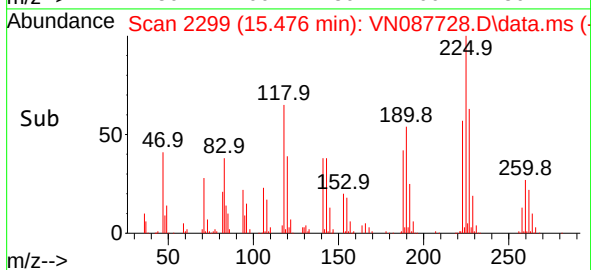
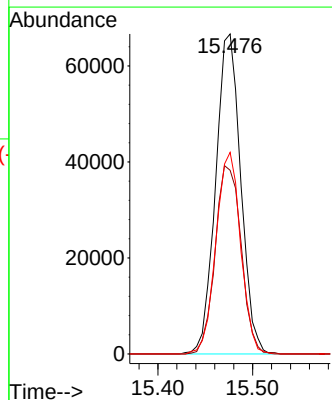
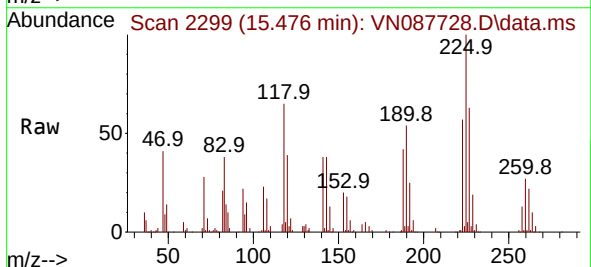
Tgt Ion:225 Resp: 122782

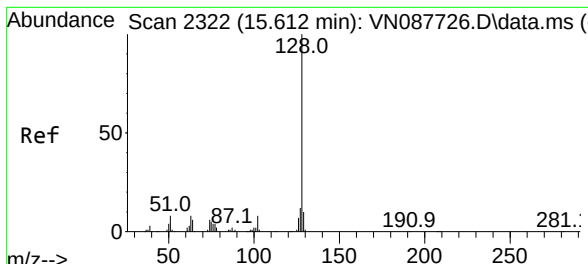
Ion Ratio Lower Upper

225 100

223 60.8 0.0 118.2

227 61.8 0.0 139.0



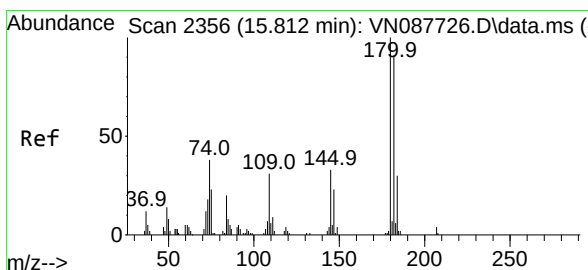
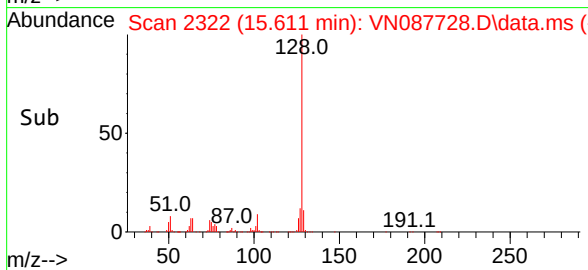
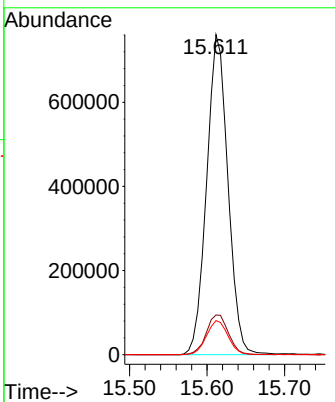
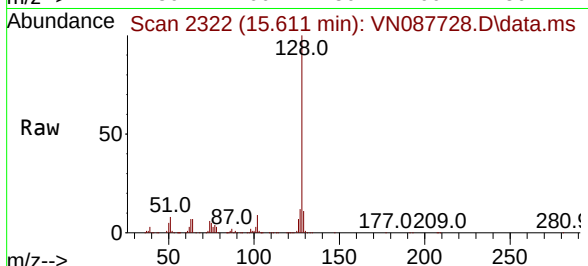


#91
Naphthalene
Concen: 108.784 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VN087728.D
Acq: 04 Sep 2025 17:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:128 Resp: 1453918

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	10.8	8.3	12.5



#92
1,2,3-Trichlorobenzene
Concen: 106.405 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. -0.000 min
Lab File: VN087728.D
Acq: 04 Sep 2025 17:25

Tgt Ion:180 Resp: 377288

Ion	Ratio	Lower	Upper
180	100		
182	94.3	0.0	186.4
145	34.7	0.0	68.4

