

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072825\
 Data File : VN087423.D
 Acq On : 28 Jul 2025 11:09
 Operator : JC\MD
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 28 13:25:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jul 28 11:35:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.806	128	85090	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	484226	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	438458	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	200988	30.889	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 102.967%	
60) 4-Bromofluorobenzene	12.829	95	217172	30.163	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 100.533%	
63) Toluene-d8	10.547	98	600918	29.843	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 99.467%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	887278	178.724	ug/l	97
3) Chloromethane	2.383	50	917274	174.052	ug/l	96
4) Vinyl Chloride	2.536	62	903850	169.512	ug/l	98
5) Bromomethane	2.953	94	451616	173.687	ug/l	99
6) Chloroethane	3.124	64	502218	166.993	ug/l	99
7) Trichlorofluoromethane	3.500	101	1152387	171.785	ug/l	99
8) Diethyl Ether	3.959	74	468638	167.383	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.365	101	616302	168.414	ug/l	99
10) 1,1-Dichloroethene	4.330	96	635138	174.478	ug/l	97
11) Methyl Iodide	4.577	142	737654	223.795	ug/l	94
12) Methyl Acetate	5.018	43	1395036	175.763	ug/l	92
13) Acrolein	4.171	56	645858	997.761	ug/l	100
14) Acrylonitrile	5.712	53	2965994	861.791	ug/l	100
15) Acetone	4.418	58	628459	787.861	ug/l	80
16) Carbon Disulfide	4.700	76	2163606	167.247	ug/l	97
17) Allyl chloride	5.012	41	1477974	174.254	ug/l	98
18) Methylene Chloride	5.259	84	902059	164.602	ug/l	93
19) trans-1,2-Dichloroethene	5.771	96	853536	165.048	ug/l	98
20) Diisopropyl ether	6.659	45	3356620	173.940	ug/l	97
21) 1,1-Dichloroethane	6.553	63	1659372	169.655	ug/l	99
22) cis-1,2-Dichloroethene	7.471	96	1037347	165.041	ug/l	98
23) tert-Butyl Alcohol	5.530	59	1115332	836.082	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	3133581	173.507	ug/l	98
25) Chloroform	7.953	83	1693639	171.517	ug/l	99
26) Cyclohexane	8.241	56	1515664	167.790	ug/l #	98
29) 1,1-Dichloropropene	8.353	75	1164864	169.457	ug/l	99
30) 2-Butanone	7.471	43	4192675	841.842	ug/l	99
31) 2,2-Dichloropropane	7.471	77	1417502	165.490	ug/l	98
32) 1,1,1-Trichloroethane	8.153	97	1407597	170.356	ug/l	99
33) Carbon Tetrachloride	8.347	117	1159544	170.192	ug/l	96
34) Benzene	8.588	78	3797675	168.913	ug/l	97
35) Methacrylonitrile	7.765	41	975762	171.033	ug/l	99
36) 1,2-Dichloroethane	8.653	62	1287860	172.120	ug/l #	93
37) Trichloroethene	9.335	130	850471	165.715	ug/l	94
38) Methylcyclohexane	9.582	83	1459767	164.652	ug/l	99
39) 1,2-Dichloropropane	9.606	63	951754	168.146	ug/l	96
40) Dibromomethane	9.694	93	673138	167.642	ug/l	100
41) Bromodichloromethane	9.871	83	1385561	171.454	ug/l	97
42) Vinyl Acetate	6.594	43	13563324	809.248	ug/l	100

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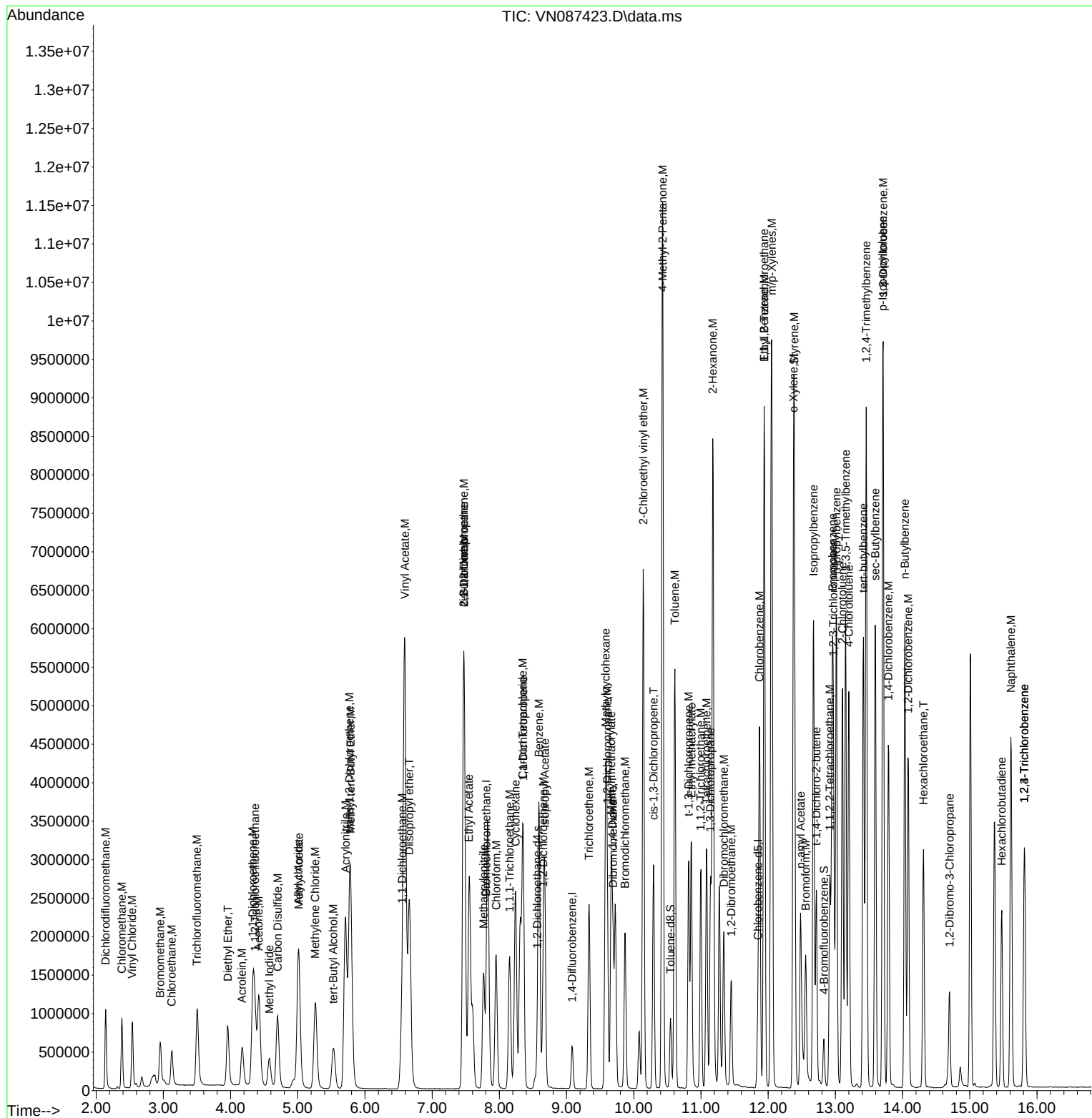
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	1657072	162.303	ug/l	# 63
44) Isopropyl Acetate	8.677	43	2805264	171.991	ug/l	99
45) 1,4-Dioxane	9.682	88	338417	3270.085	ug/l	96
46) Methyl methacrylate	9.665	41	1339708	176.402	ug/l	98
47) n-amyl Acetate	12.482	43	1803266	268.166	ug/l	94
48) t-1,3-Dichloropropene	10.818	75	1593280	175.131	ug/l	99
49) cis-1,3-Dichloropropene	10.294	75	1644925	172.160	ug/l	99
50) 1,1,2-Trichloroethane	10.994	97	921361	172.384	ug/l	98
51) Ethyl methacrylate	10.859	69	1723847	178.094	ug/l	98
52) 1,3-Dichloropropane	11.141	76	1602154	173.445	ug/l	97
53) Dibromochloromethane	11.341	129	1069124	174.392	ug/l	98
54) 1,2-Dibromoethane	11.453	107	979971	174.254	ug/l	99
55) 2-Chloroethyl vinyl ether	10.141	63	2987223	750.609	ug/l	99
56) Bromoform	12.559	173	756099	175.748	ug/l	99
58) 4-Methyl-2-Pentanone	10.429	43	8049077	815.005	ug/l	99
59) 2-Hexanone	11.176	43	5903547	862.562	ug/l	100
61) Tetrachloroethene	11.082	164	690374	165.842	ug/l	98
62) Toluene	10.612	91	4106334	165.947	ug/l	100
64) Chlorobenzene	11.870	112	2523340	165.819	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.941	131	847400	164.222	ug/l	98
66) Ethyl Benzene	11.941	91	4462413	165.060	ug/l	99
67) m/p-Xylenes	12.053	106	3275723	323.372	ug/l	99
68) o-Xylene	12.376	106	1614502	162.866	ug/l	96
69) Styrene	12.388	104	2806625	165.522	ug/l	99
70) Isopropylbenzene	12.676	105	4192456	164.683	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.917	83	1427927	164.493	ug/l	99
72) 1,2,3-Trichloropropane	12.970	75	1922658	243.491	ug/l	70
73) Bromobenzene	12.959	156	965351	163.206	ug/l	100
74) n-propylbenzene	13.017	91	5155110	164.012	ug/l	100
75) 2-Chlorotoluene	13.106	91	3073937	164.790	ug/l	99
76) 1,3,5-Trimethylbenzene	13.153	105	3462485	164.174	ug/l	98
77) t-1,4-Dichloro-2-butene	12.717	75	605847	180.817	ug/l	93
78) 4-Chlorotoluene	13.200	91	3133622	163.593	ug/l	99
79) tert-butylbenzene	13.417	119	2945071	161.644	ug/l	97
80) 1,2,4-Trimethylbenzene	13.459	105	3355857	160.358	ug/l	99
81) sec-Butylbenzene	13.594	105	4372437	161.565	ug/l	99
82) p-Isopropyltoluene	13.706	119	3459843	157.510	ug/l	98
83) 1,3-Dichlorobenzene	13.712	146	1780579	159.068	ug/l	98
84) 1,4-Dichlorobenzene	13.788	146	1882449	160.816	ug/l	99
85) n-Butylbenzene	14.035	91	3588595	162.216	ug/l	99
86) Hexachloroethane	14.311	117	740407	165.964	ug/l	98
87) 1,2-Dichlorobenzene	14.082	146	1782463	163.805	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.700	75	329431	164.416	ug/l	99
89) 1,2,4-Trichlorobenzene	15.811	180	1118050	168.458	ug/l	100
90) Hexachlorobutadiene	15.476	225	406978	161.057	ug/l	98
91) Naphthalene	15.611	128	4255804	169.659	ug/l	99
92) 1,2,3-Trichlorobenzene	15.811	180	1118050	168.458	ug/l	100

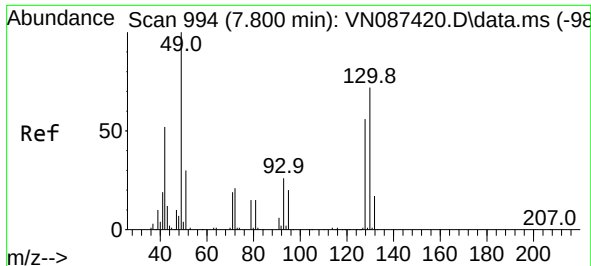
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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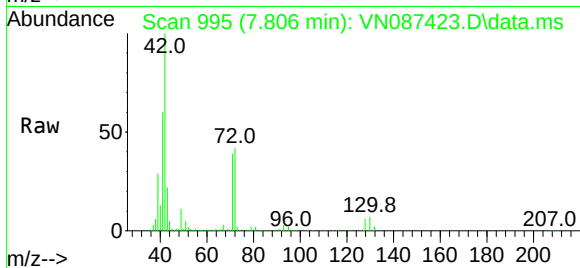
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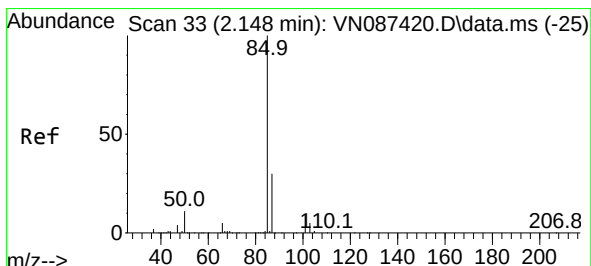
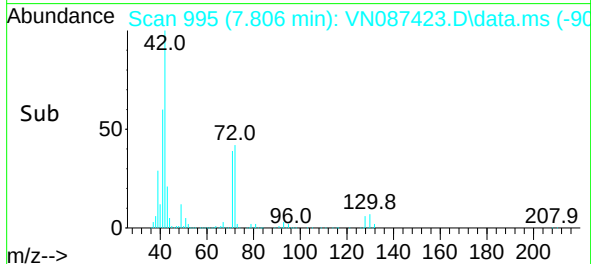
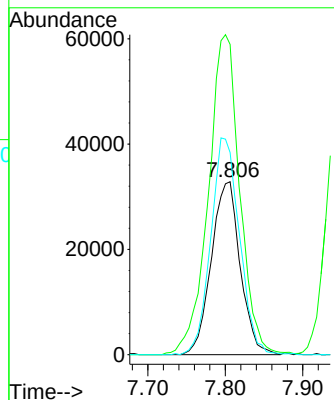


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.806 min Scan# 994
Delta R.T. 0.006 min
Lab File: VN087423.D
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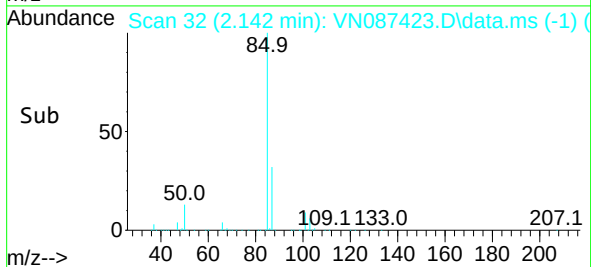
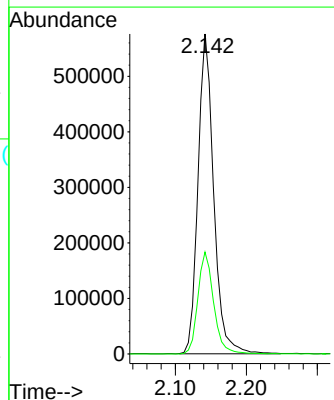
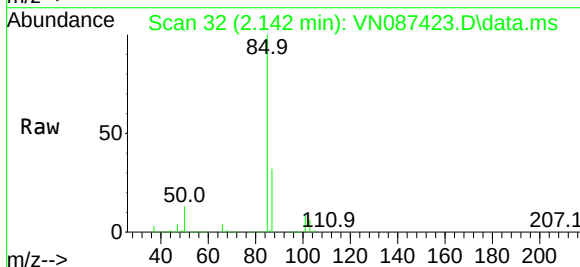


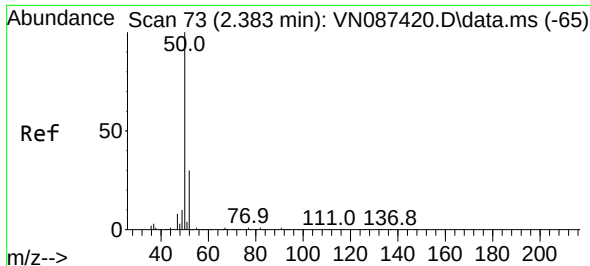
Tgt Ion:128 Resp: 85090
Ion Ratio Lower Upper
128 100
49 200.7 0.0 457.3
130 124.7 0.0 316.0



#2
Dichlorodifluoromethane
Concen: 178.724 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.006 min
Lab File: VN087423.D
Acq: 28 Jul 2025 11:09

Tgt Ion: 85 Resp: 887278
Ion Ratio Lower Upper
85 100
87 31.9 15.0 45.1

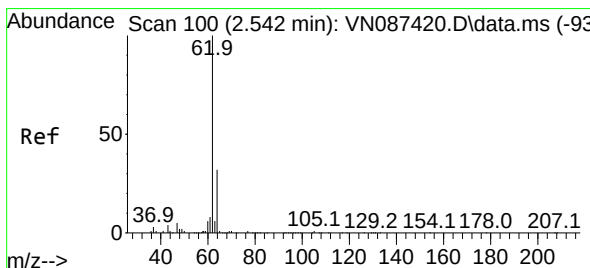
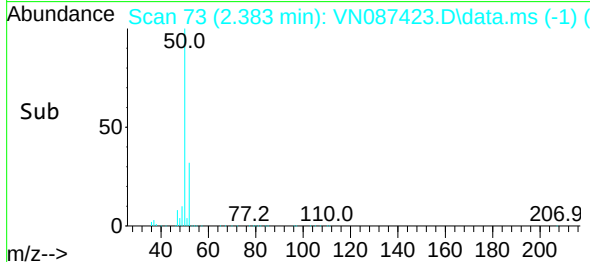
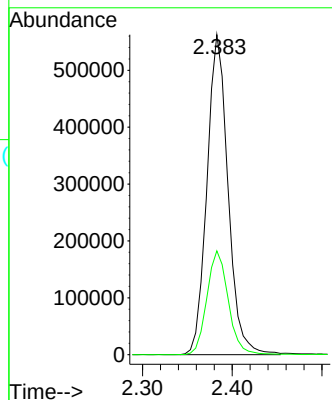
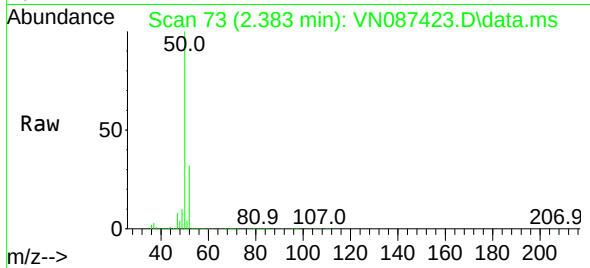




#3
Chloromethane
Concen: 174.052 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087423.D
Acq: 28 Jul 2025 11:09

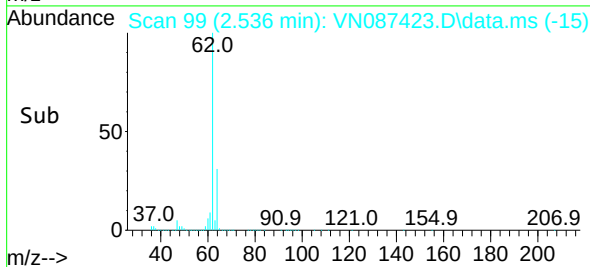
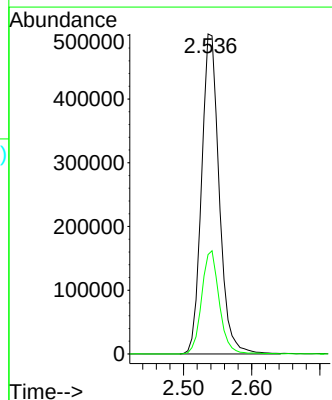
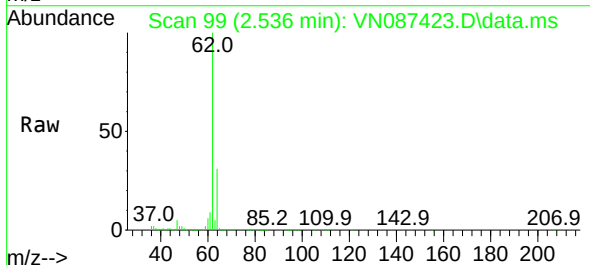
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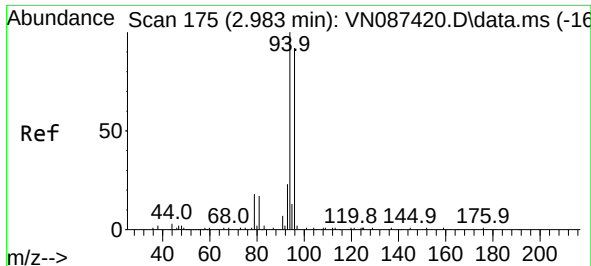
Tgt Ion: 50 Resp: 917274
Ion Ratio Lower Upper
50 100
52 32.4 24.3 36.5



#4
Vinyl Chloride
Concen: 169.512 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087423.D
Acq: 28 Jul 2025 11:09

Tgt Ion: 62 Resp: 903850
Ion Ratio Lower Upper
62 100
64 31.0 25.6 38.4

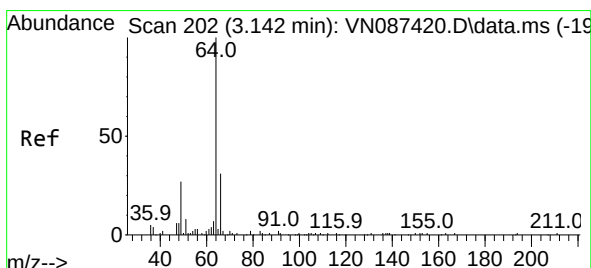
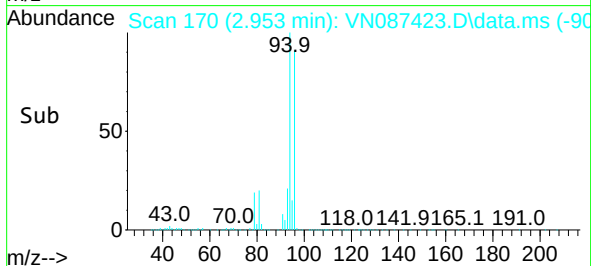
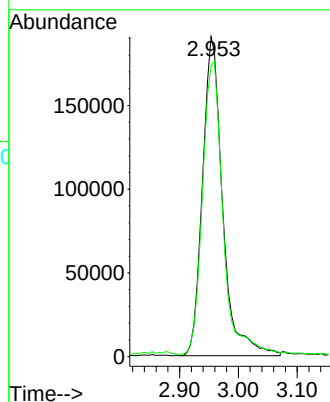
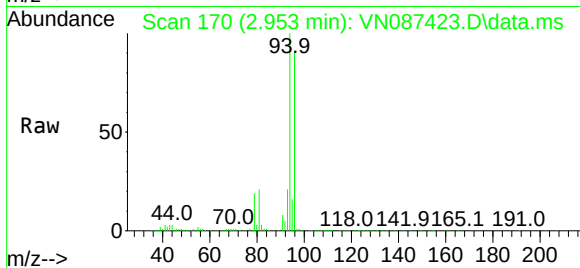




#5
Bromomethane
Concen: 173.687 ug/l
RT: 2.953 min Scan# 11
Delta R.T. -0.029 min
Lab File: VN087423.D
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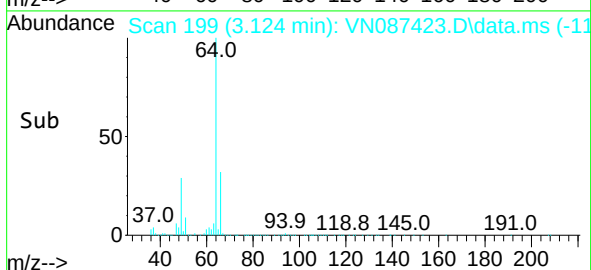
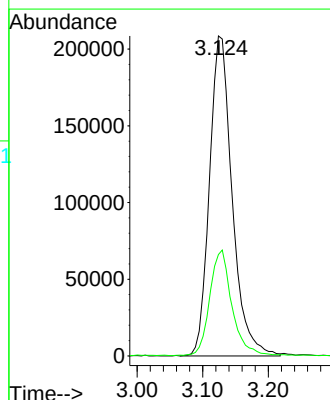
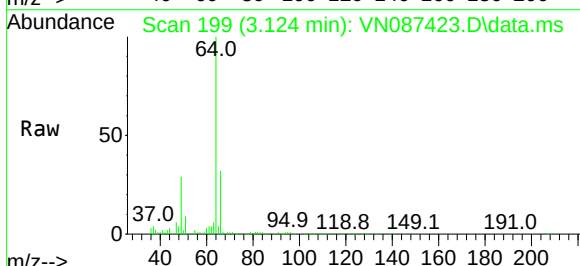
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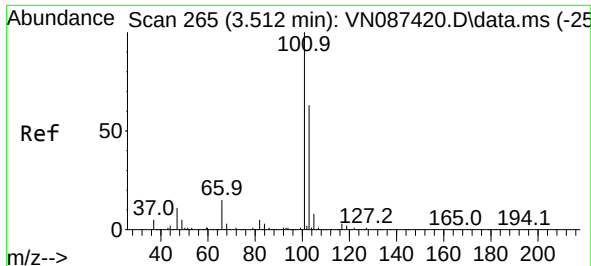
Tgt Ion: 94 Resp: 451616
Ion Ratio Lower Upper
94 100
96 90.3 73.2 109.8



#6
Chloroethane
Concen: 166.993 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.018 min
Lab File: VN087423.D
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Tgt Ion: 64 Resp: 502218
Ion Ratio Lower Upper
64 100
66 31.5 25.6 38.4

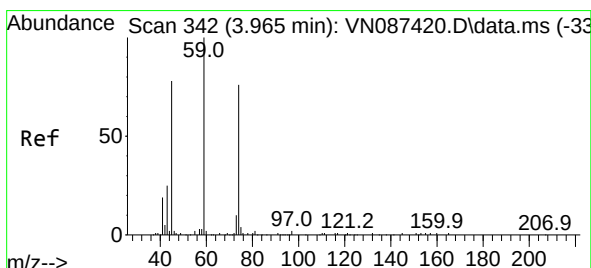
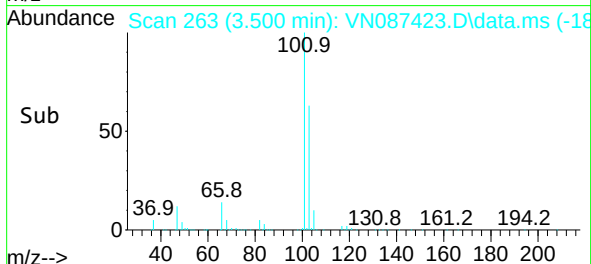
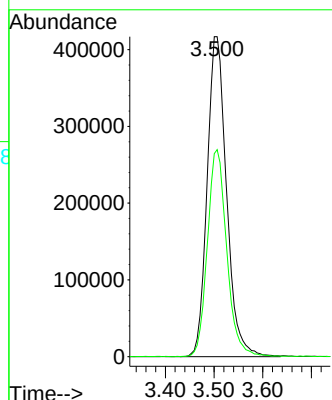
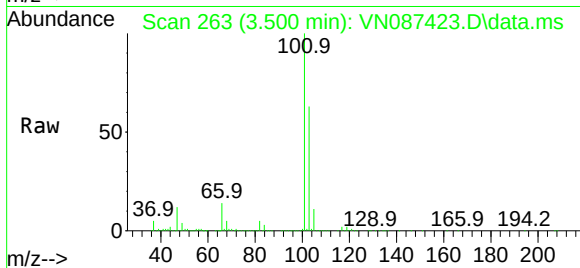




#7
Trichlorofluoromethane
Concen: 171.785 ug/l
RT: 3.500 min Scan# 20
Delta R.T. -0.012 min
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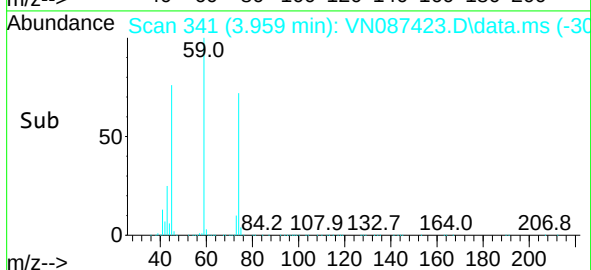
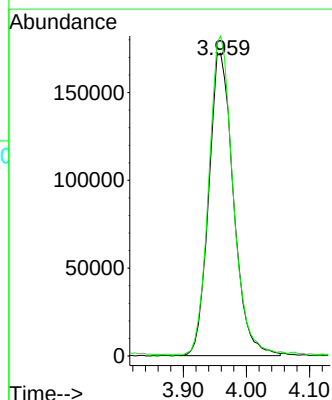
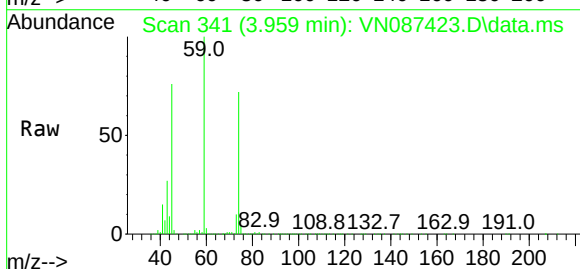
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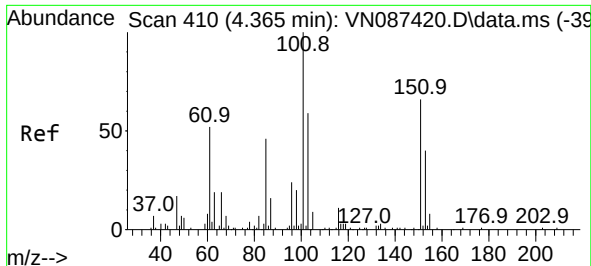
Tgt Ion:101 Resp: 1152387
Ion Ratio Lower Upper
101 100
103 63.4 50.0 75.0



#8
Diethyl Ether
Concen: 167.383 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN087423.D
Acq: 28 Jul 2025 11:09

Tgt Ion: 74 Resp: 468638
Ion Ratio Lower Upper
74 100
45 103.5 20.2 181.4

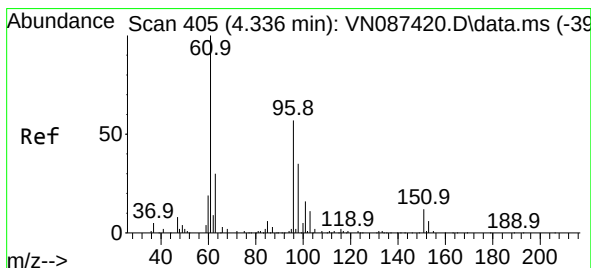
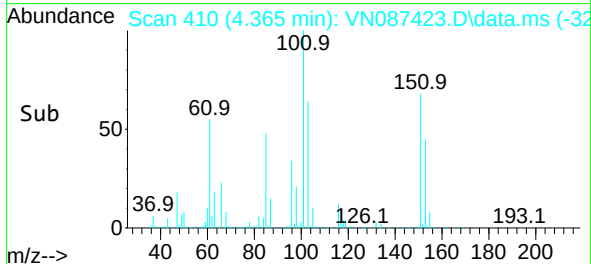
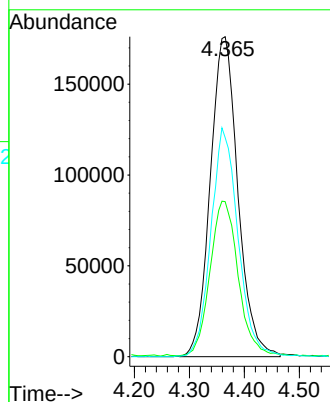
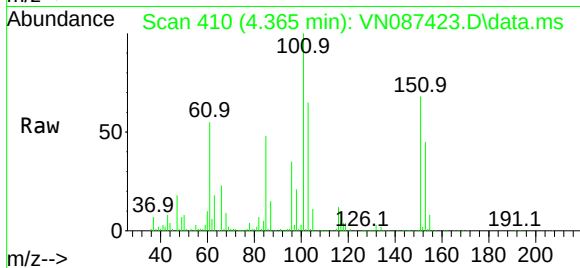




#9
1,1,2-Trichlorotrifluoroethane
Concen: 168.414 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.000 min
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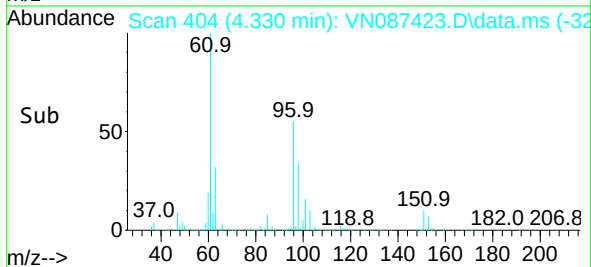
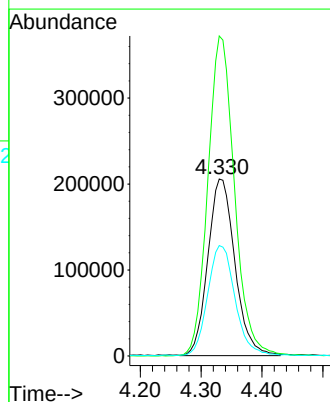
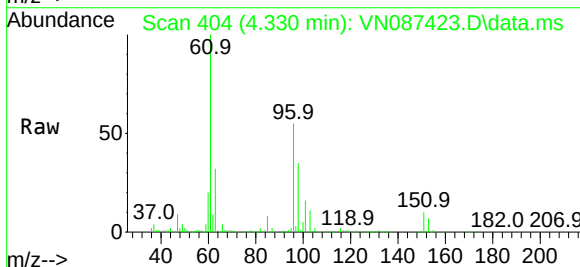
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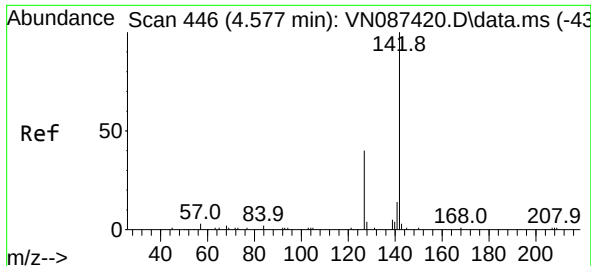
Tgt Ion:101 Resp: 616302
Ion Ratio Lower Upper
101 100
85 49.0 0.0 101.2
151 70.2 0.0 140.6



#10
1,1-Dichloroethene
Concen: 174.478 ug/l
RT: 4.330 min Scan# 404
Delta R.T. -0.006 min
Lab File: VN087423.D
Acq: 28 Jul 2025 11:09

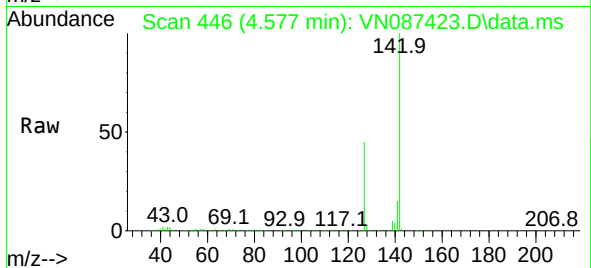
Tgt Ion: 96 Resp: 635138
Ion Ratio Lower Upper
96 100
61 181.1 140.4 210.6
98 62.2 49.6 74.4



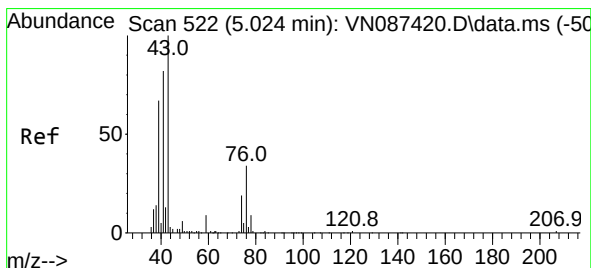
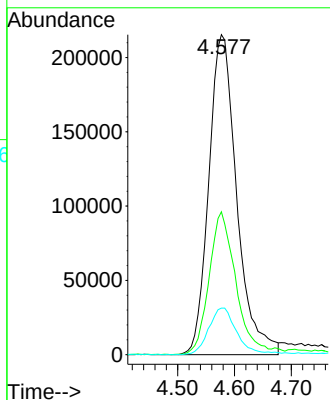
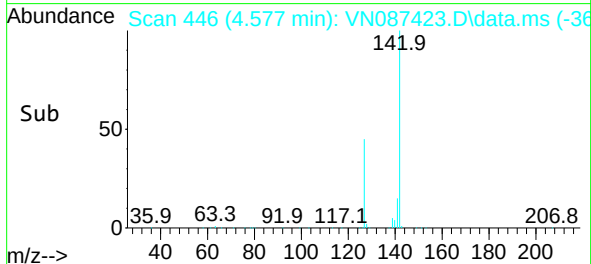


#11
Methyl Iodide
Concen: 223.795 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.000 min
Lab File: VN087423.D
Acq: 28 Jul 2025 11:09

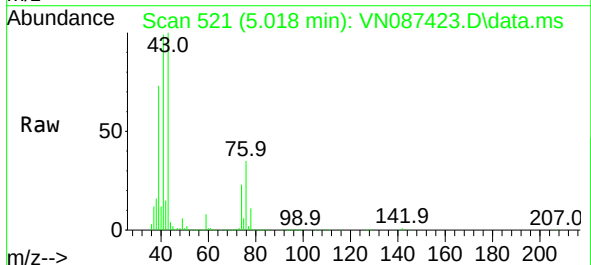
Instrument :
MSVOA_N
ClientSampleId :



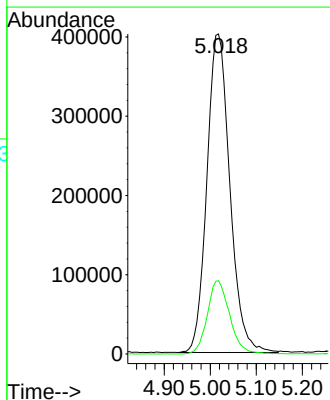
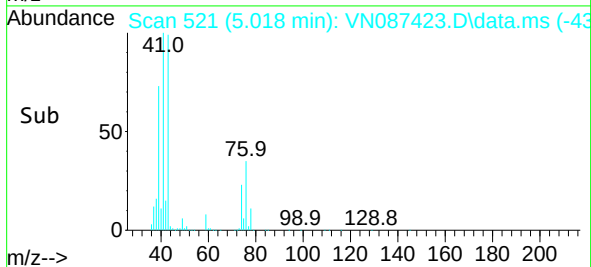
Tgt Ion:142 Resp: 737654
Ion Ratio Lower Upper
142 100
127 44.4 20.0 59.9
141 14.5 6.8 20.4

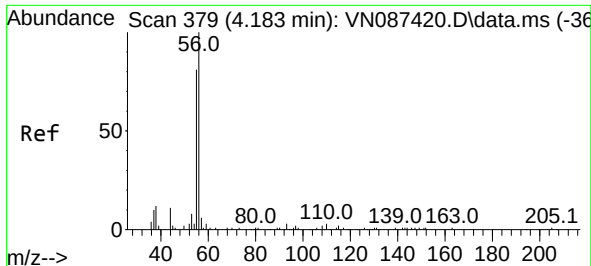


#12
Methyl Acetate
Concen: 175.763 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN087423.D
Acq: 28 Jul 2025 11:09



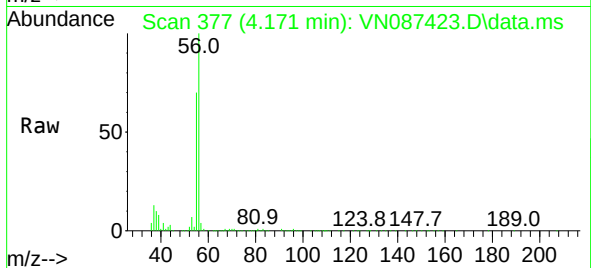
Tgt Ion: 43 Resp: 1395036
Ion Ratio Lower Upper
43 100
74 23.0 15.4 23.0



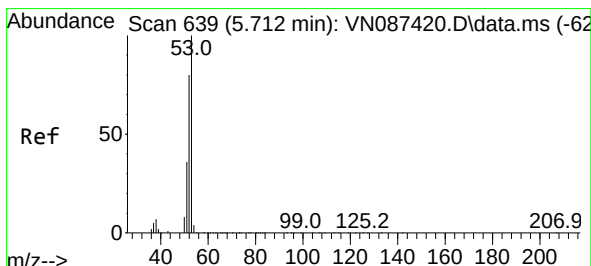
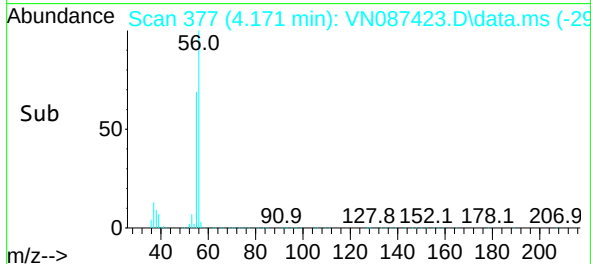
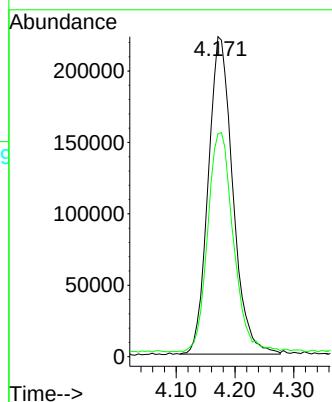


#13
Acrolein
Concen: 997.761 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN087423.D
Acq: 28 Jul 2025 11:09

Instrument :
MSVOA_N
ClientSampleId :

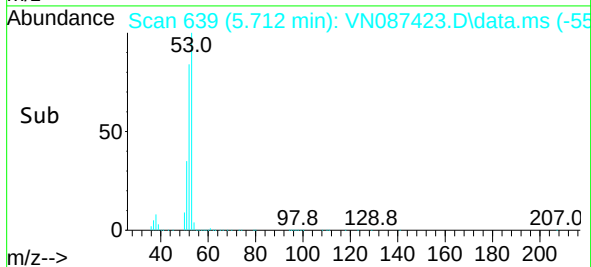
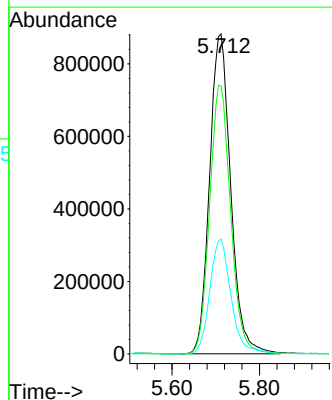
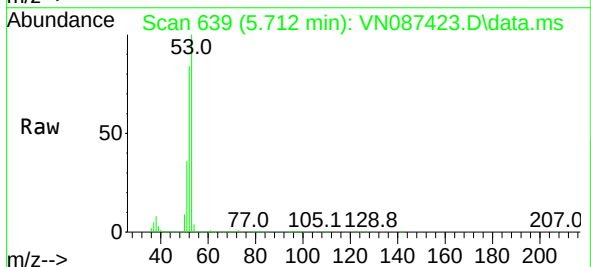


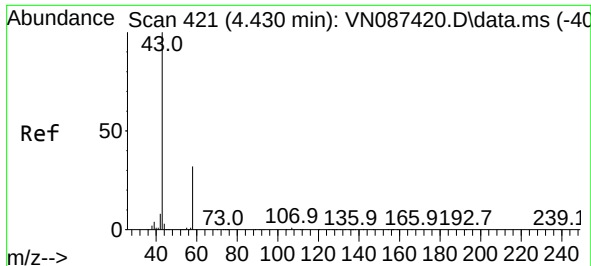
Tgt Ion: 56 Resp: 645858
Ion Ratio Lower Upper
56 100
55 73.2 58.9 88.3



#14
Acrylonitrile
Concen: 861.791 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.000 min
Lab File: VN087423.D
Acq: 28 Jul 2025 11:09

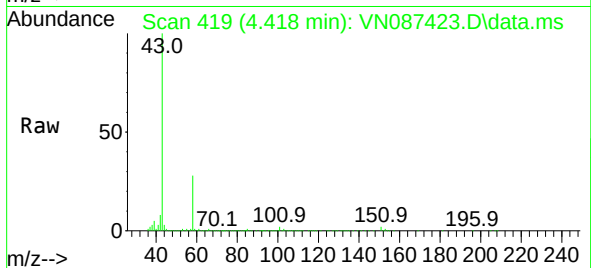
Tgt Ion: 53 Resp: 2965994
Ion Ratio Lower Upper
53 100
52 83.5 41.6 124.9
51 36.2 18.1 54.4



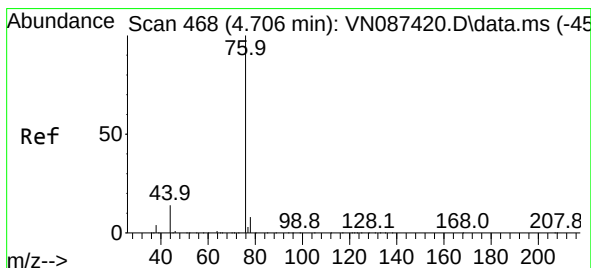
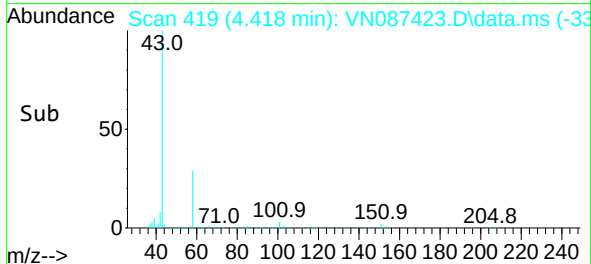
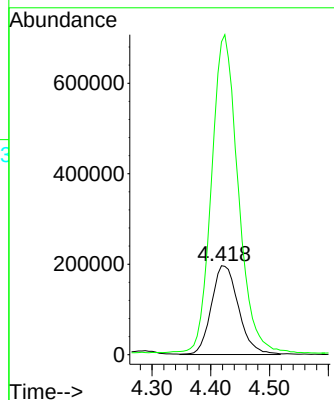


#15
Acetone
Concen: 787.861 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.012 min
Lab File: VN087423.D
Acq: 28 Jul 2025 11:09

Instrument :
MSVOA_N
ClientSampleId :

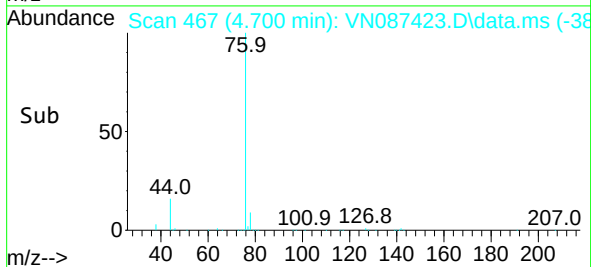
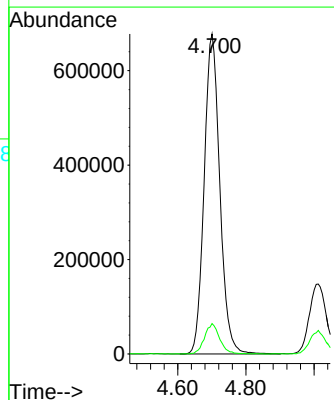
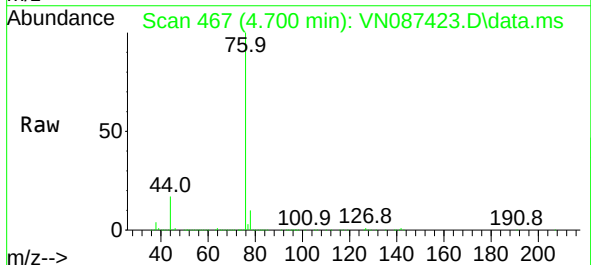


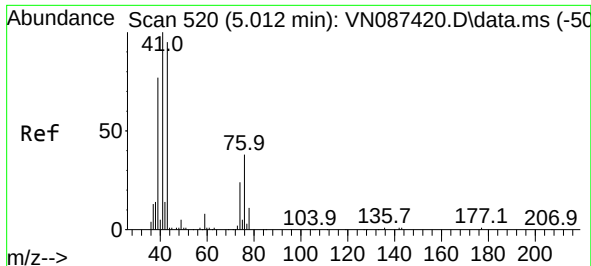
Tgt Ion: 58 Resp: 628459
Ion Ratio Lower Upper
58 100
43 350.5 248.4 372.6



#16
Carbon Disulfide
Concen: 167.247 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.006 min
Lab File: VN087423.D
Acq: 28 Jul 2025 11:09

Tgt Ion: 76 Resp: 2163606
Ion Ratio Lower Upper
76 100
78 9.5 6.6 10.0





#17

Allyl chloride

Concen: 174.254 ug/l

RT: 5.012 min Scan# 51

Delta R.T. -0.000 min

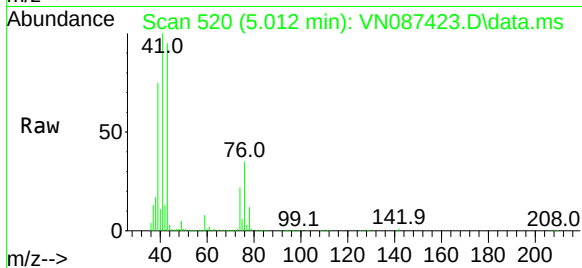
Lab File: VN087423.D

Acq: 28 Jul 2025 11:09

Instrument :

MSVOA_N

ClientSampleId :



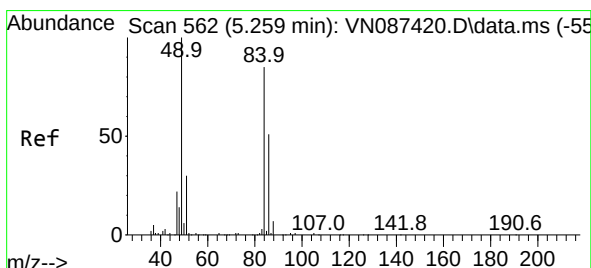
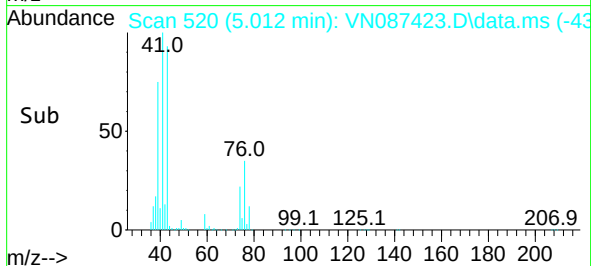
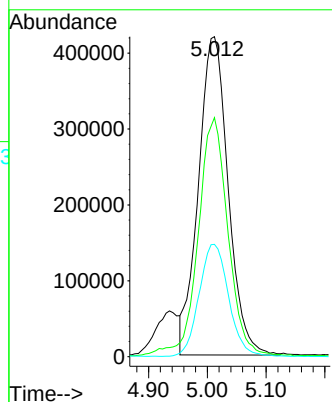
Tgt Ion: 41 Resp: 1477974

Ion Ratio Lower Upper

41 100

39 74.7 35.9 107.8

76 35.2 17.5 52.5



#18

Methylene Chloride

Concen: 164.602 ug/l

RT: 5.259 min Scan# 562

Delta R.T. -0.000 min

Lab File: VN087423.D

Acq: 28 Jul 2025 11:09

Tgt Ion: 84 Resp: 902059

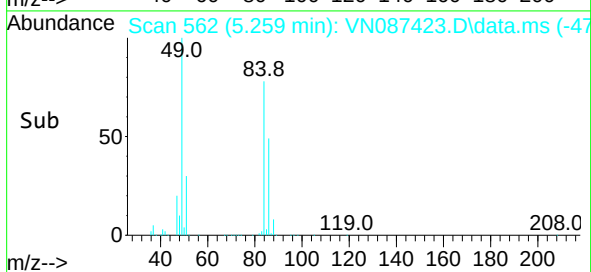
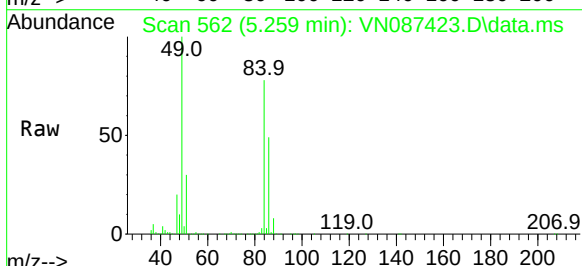
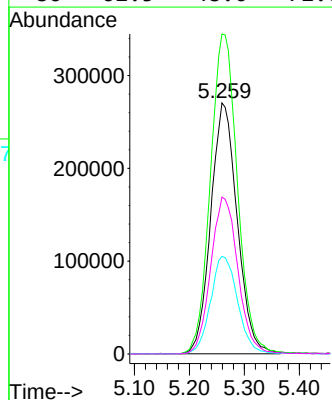
Ion Ratio Lower Upper

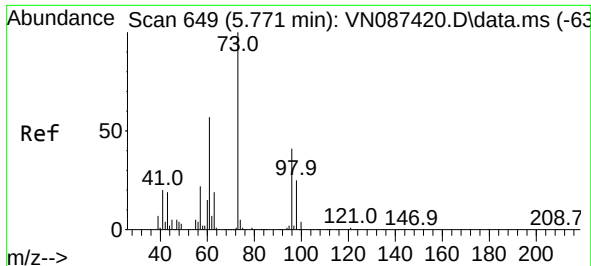
84 100

49 127.5 93.5 140.3

51 38.8 28.0 42.0

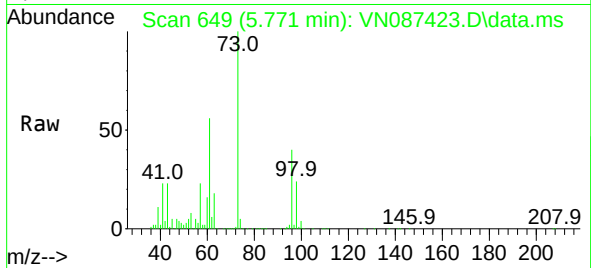
86 62.5 48.0 72.0



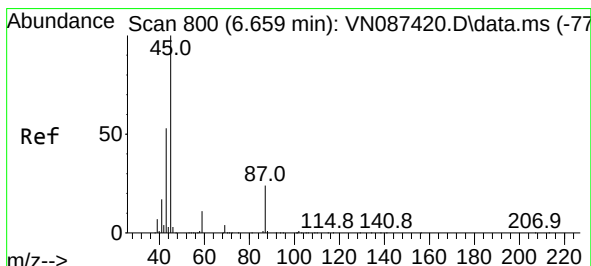
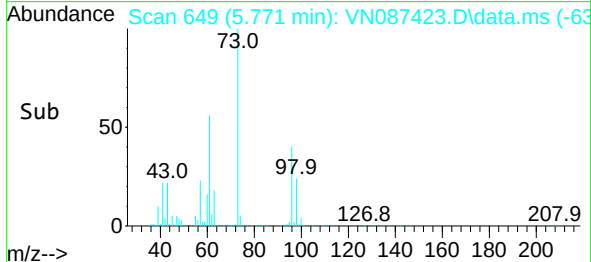
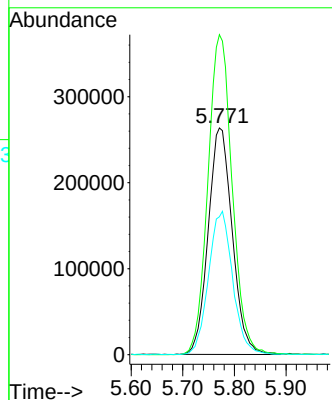


#19
trans-1,2-Dichloroethene
Concen: 165.048 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.000 min
Lab File: VN087423.D
Acq: 28 Jul 2025 11:09

Instrument :
MSVOA_N
ClientSampleId :

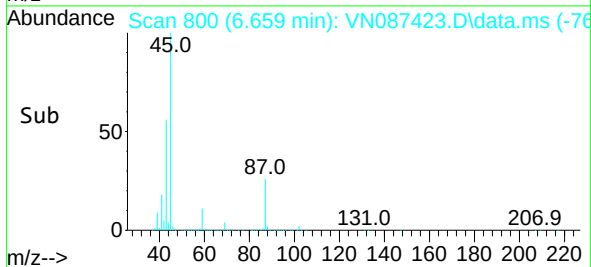
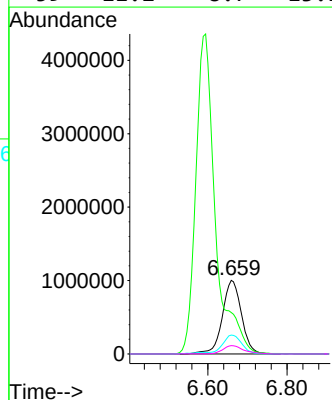
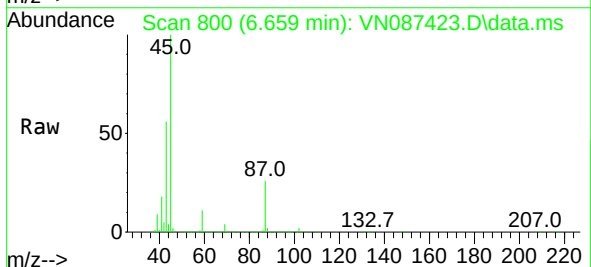


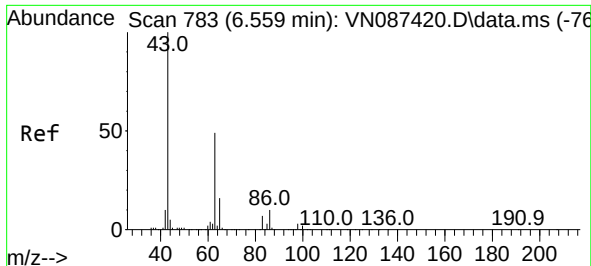
Tgt Ion: 96 Resp: 853536
Ion Ratio Lower Upper
96 100
61 141.2 110.2 165.4
98 60.8 47.9 71.9



#20
Diisopropyl ether
Concen: 173.940 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN087423.D
Acq: 28 Jul 2025 11:09

Tgt Ion: 45 Resp: 3356620
Ion Ratio Lower Upper
45 100
43 55.9 42.7 64.1
87 25.6 19.4 29.0
59 11.2 8.7 13.1





#21

1,1-Dichloroethane

Concen: 169.655 ug/l

RT: 6.553 min Scan# 782

Delta R.T. -0.006 min

Lab File: VN087423.D

Acq: 28 Jul 2025 11:09

Instrument :

MSVOA_N

ClientSampleId :

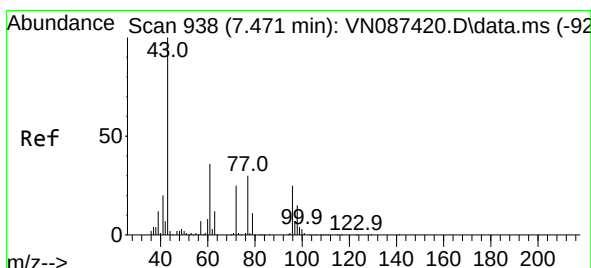
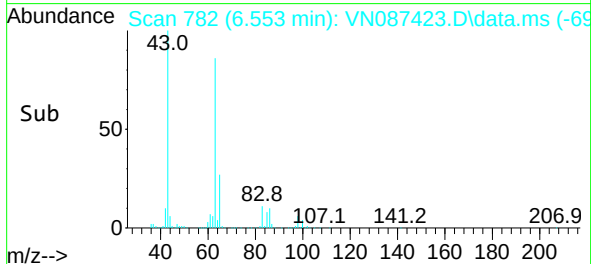
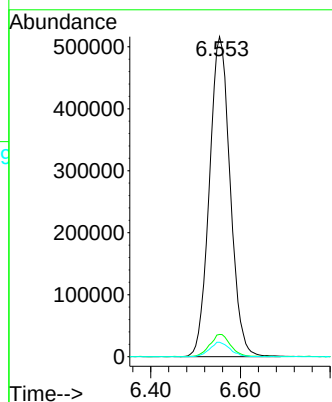
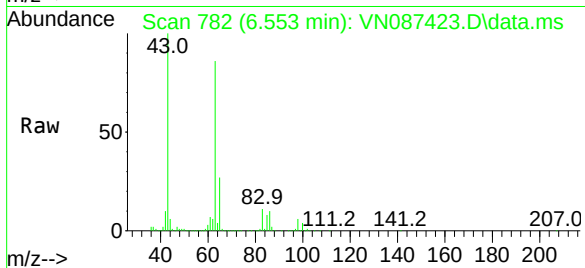
Tgt Ion: 63 Resp: 1659372

Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.1

100 4.5 2.5 7.4



#22

cis-1,2-Dichloroethene

Concen: 165.041 ug/l

RT: 7.471 min Scan# 938

Delta R.T. -0.000 min

Lab File: VN087423.D

Acq: 28 Jul 2025 11:09

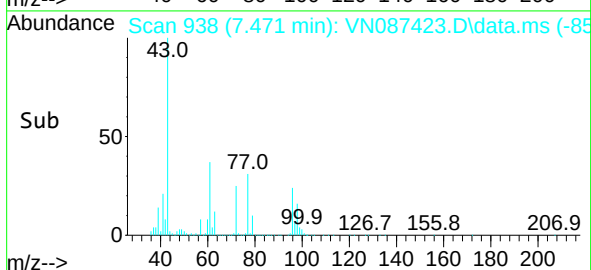
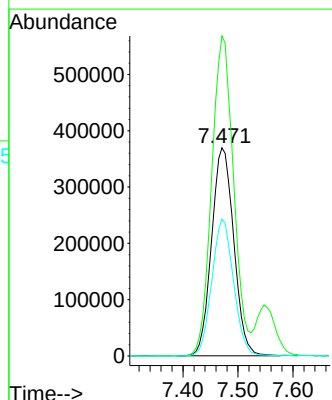
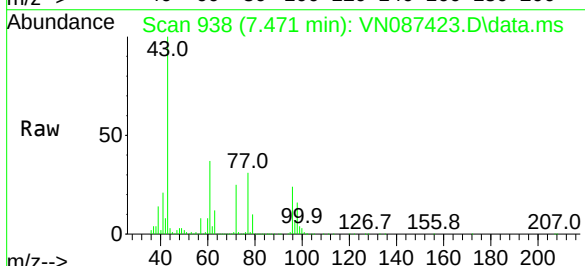
Tgt Ion: 96 Resp: 1037347

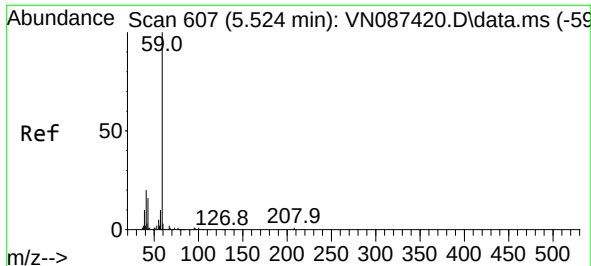
Ion Ratio Lower Upper

96 100

61 152.1 118.8 178.2

98 64.2 51.5 77.3

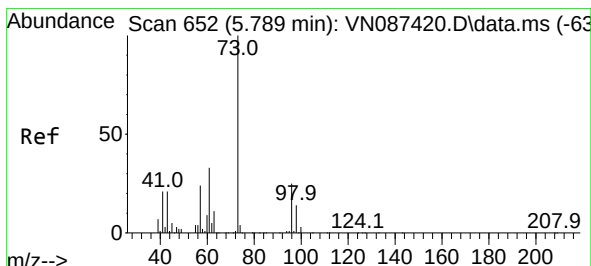
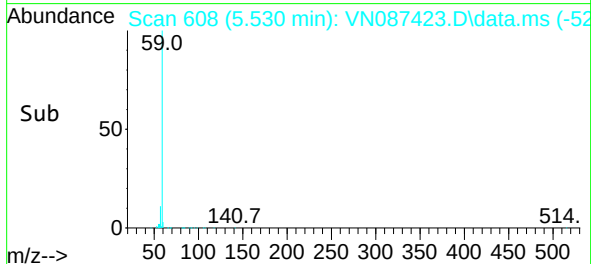
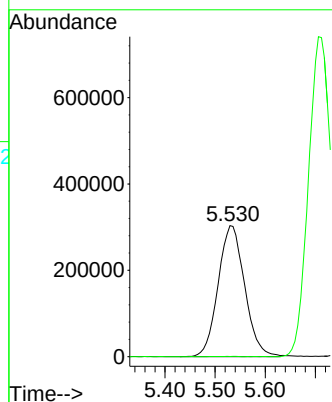
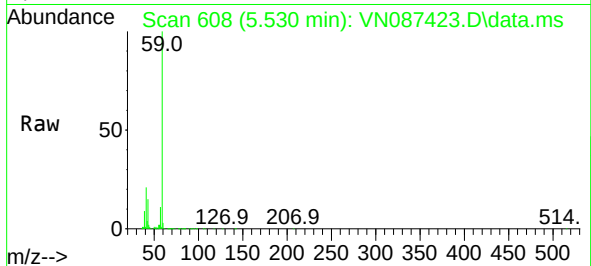




#23
tert-Butyl Alcohol
Concen: 836.082 ug/l
RT: 5.530 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN087423.D
Acq: 28 Jul 2025 11:09

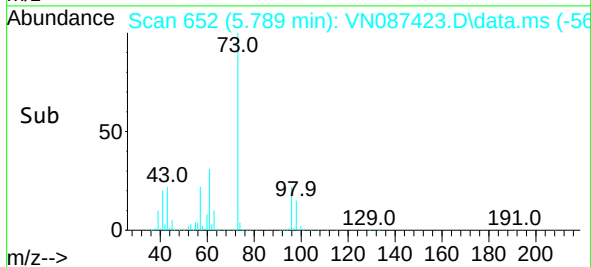
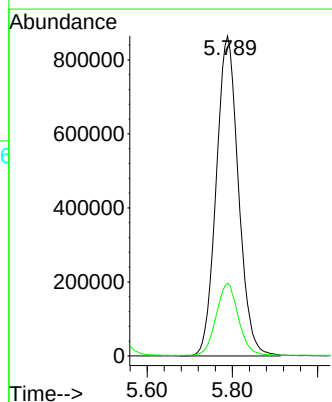
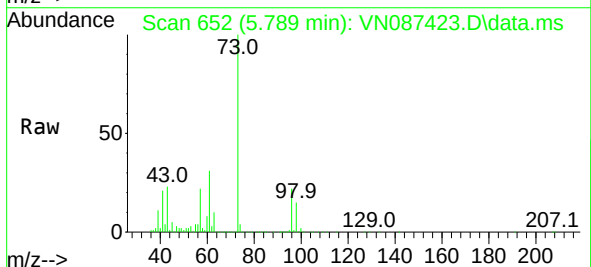
Instrument :
MSVOA_N
ClientSampleId :

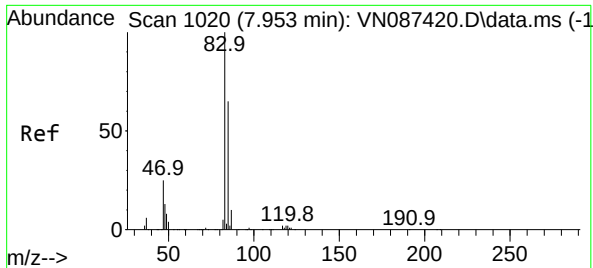
Tgt Ion: 59 Resp: 1115332
Ion Ratio Lower Upper
59 100
52 0.1 0.2 0.2#



#24
Methyl tert-Butyl Ether
Concen: 173.507 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN087423.D
Acq: 28 Jul 2025 11:09

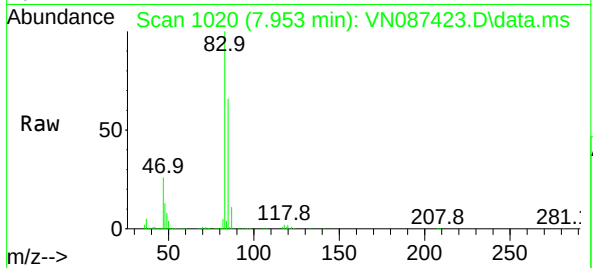
Tgt Ion: 73 Resp: 3133581
Ion Ratio Lower Upper
73 100
43 22.4 17.1 25.7



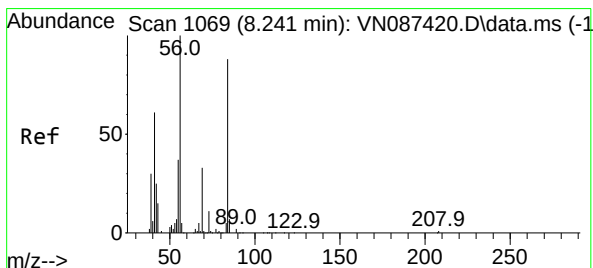
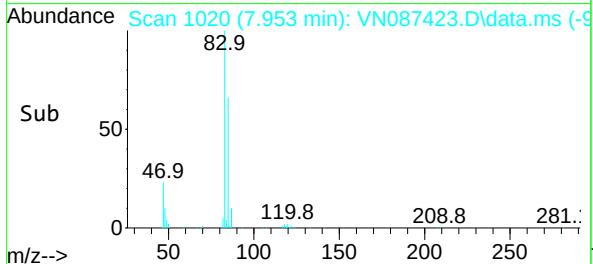
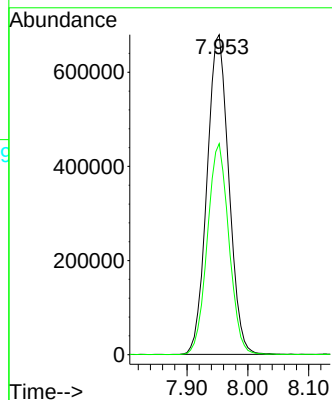


#25
Chloroform
Concen: 171.517 ug/l
RT: 7.953 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VN087423.D
Acq: 28 Jul 2025 11:09

Instrument :
MSVOA_N
ClientSampleId :

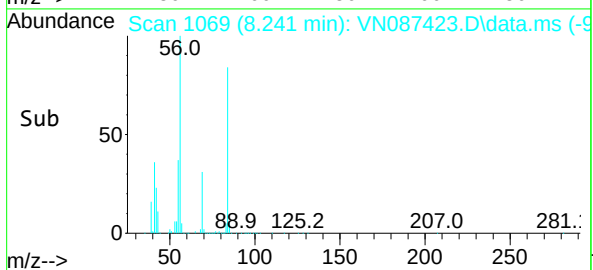
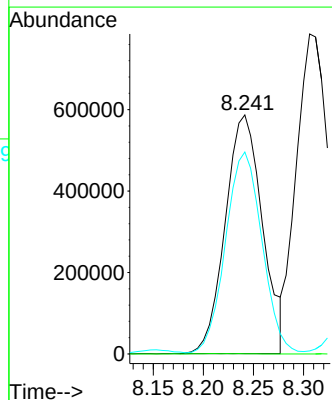
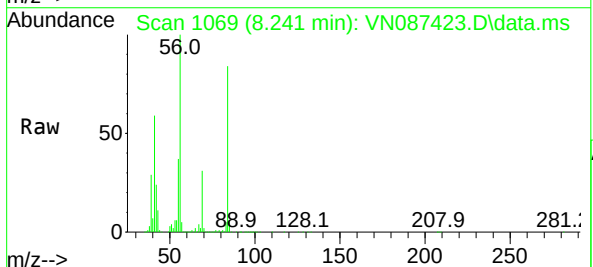


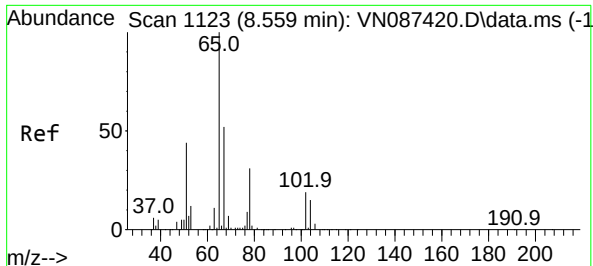
Tgt Ion: 83 Resp: 1693639
Ion Ratio Lower Upper
83 100
85 65.9 52.0 78.0



#26
Cyclohexane
Concen: 167.790 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VN087423.D
Acq: 28 Jul 2025 11:09

Tgt Ion: 56 Resp: 1515664
Ion Ratio Lower Upper
56 100
89 0.1 4.7 7.1#
84 83.2 67.4 101.2





#27

1,2-Dichloroethane-d4

Concen: 30.889 ug/l

RT: 8.565 min Scan# 1123

Delta R.T. 0.006 min

Lab File: VN087423.D

Acq: 28 Jul 2025 11:09

Instrument :

MSVOA_N

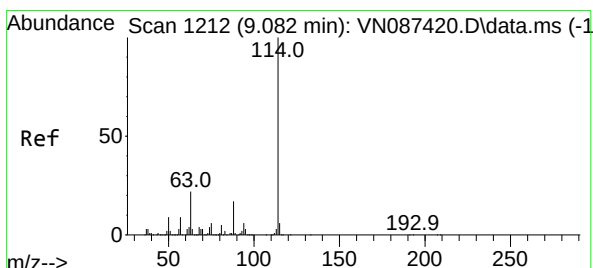
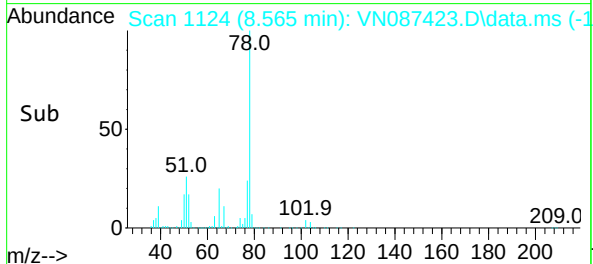
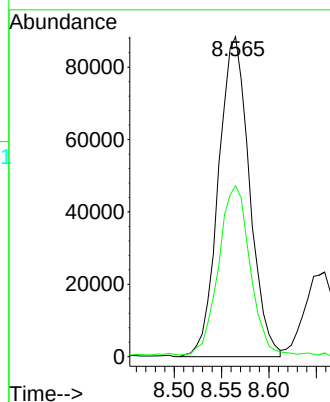
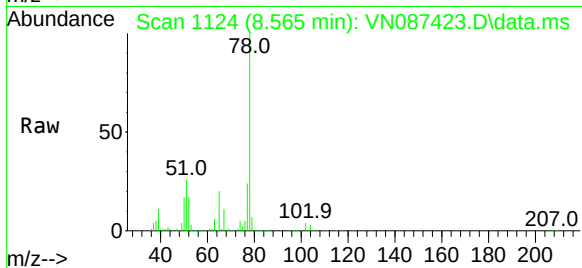
ClientSampleId :

Tgt Ion: 65 Resp: 200988

Ion Ratio Lower Upper

65 100

67 53.4 42.3 63.5



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN087423.D

Acq: 28 Jul 2025 11:09

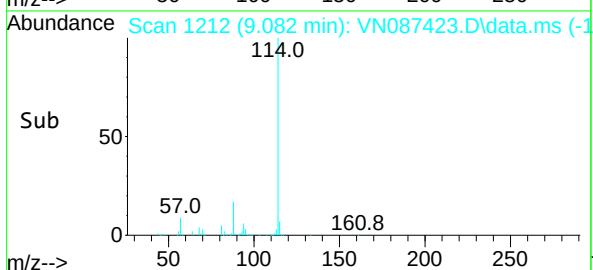
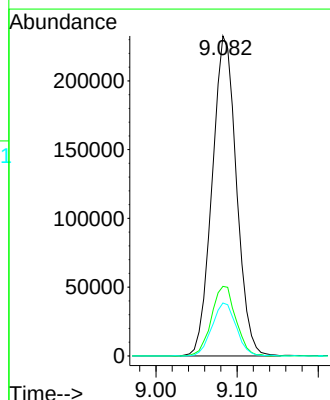
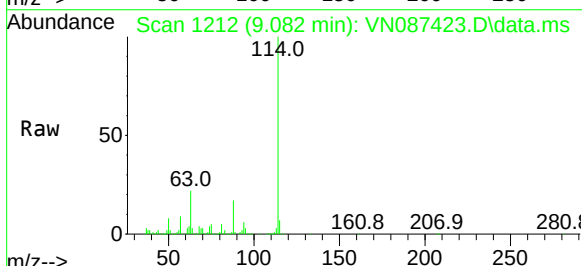
Tgt Ion: 114 Resp: 484226

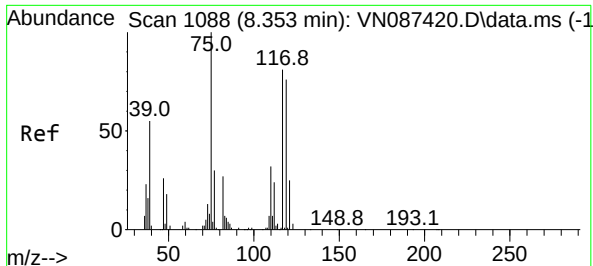
Ion Ratio Lower Upper

114 100

63 21.8 17.8 26.6

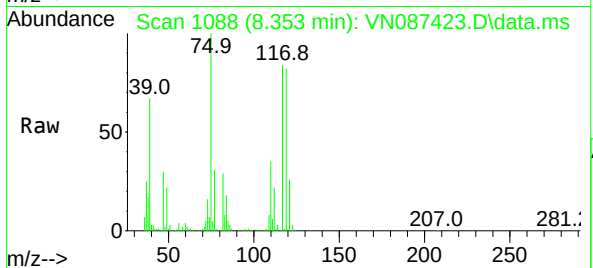
88 16.4 13.0 19.4





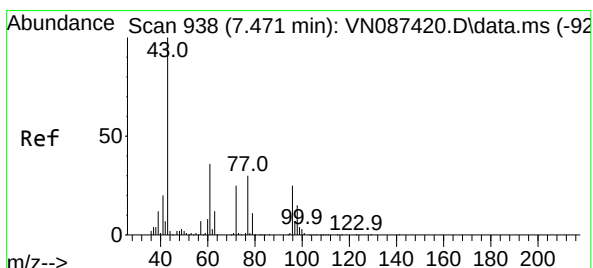
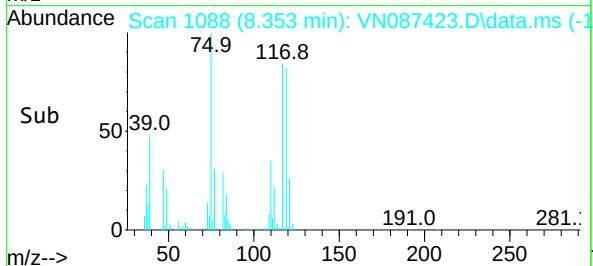
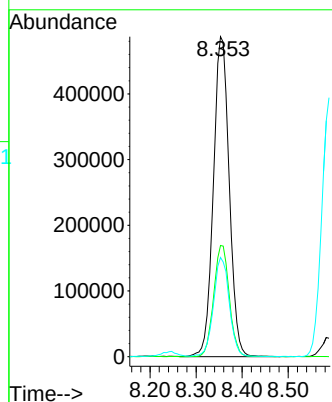
#29
1,1-Dichloropropene
Concen: 169.457 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VN087423.D
Acq: 28 Jul 2025 11:09

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 1164864

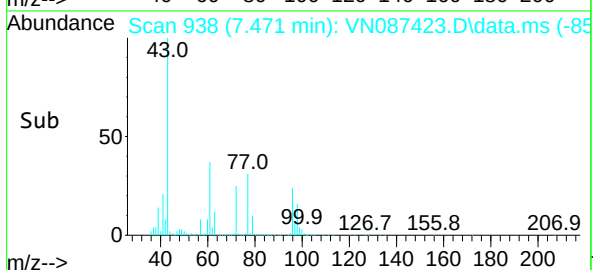
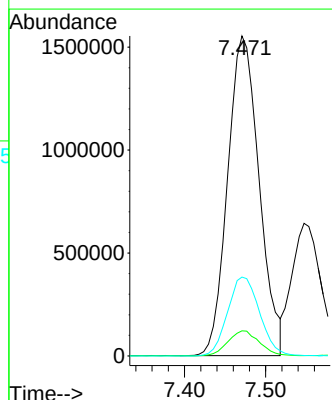
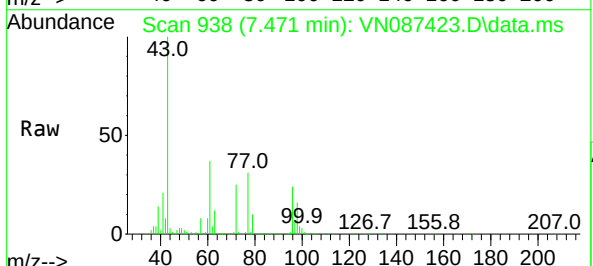
Ion	Ratio	Lower	Upper
75	100		
110	34.2	0.0	69.6
77	30.8	0.0	60.2

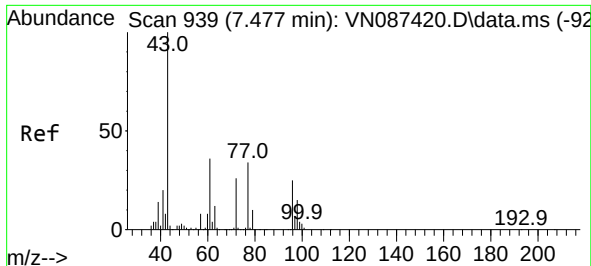


#30
2-Butanone
Concen: 841.842 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN087423.D
Acq: 28 Jul 2025 11:09

Tgt Ion: 43 Resp: 4192675

Ion	Ratio	Lower	Upper
43	100		
57	7.8	6.0	9.0
72	25.1	20.3	30.5

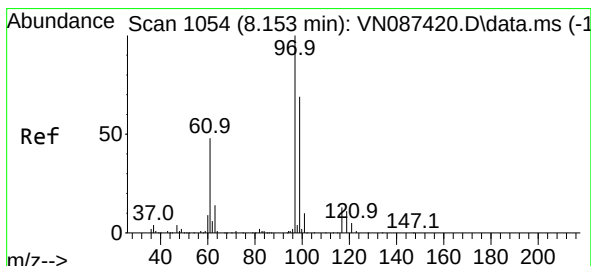
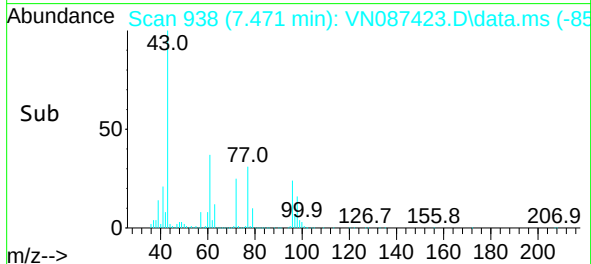
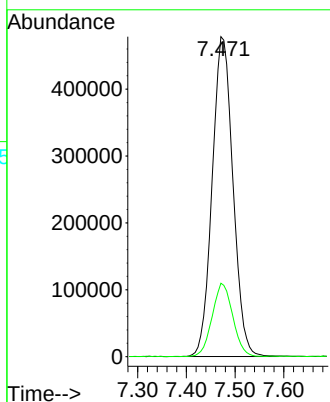
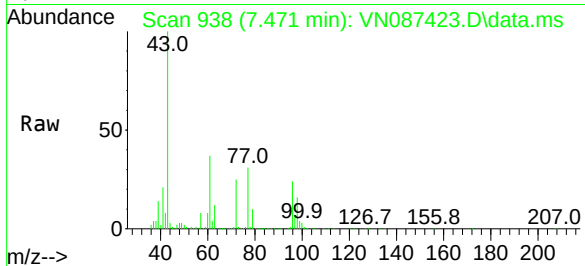




#31
2,2-Dichloropropane
Concen: 165.490 ug/l
RT: 7.471 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087423.D
Acq: 28 Jul 2025 11:09

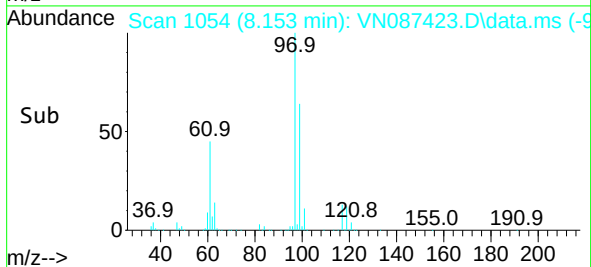
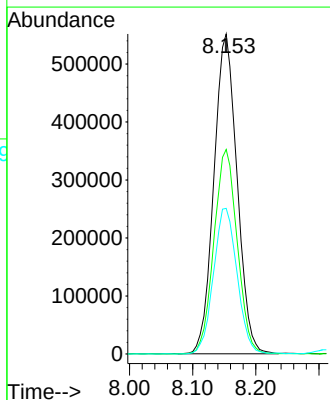
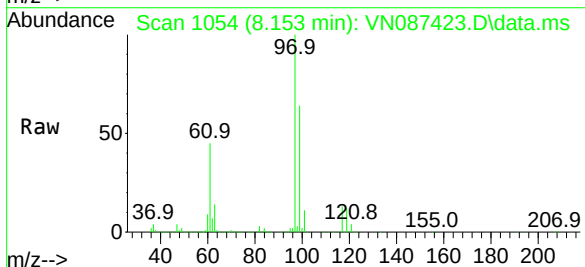
Instrument :
MSVOA_N
ClientSampleId :

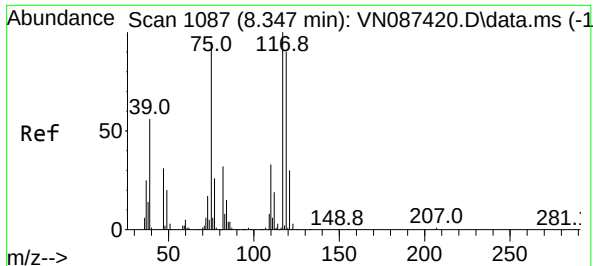
Tgt Ion: 77 Resp: 1417502
Ion Ratio Lower Upper
77 100
97 22.7 19.1 28.7



#32
1,1,1-Trichloroethane
Concen: 170.356 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN087423.D
Acq: 28 Jul 2025 11:09

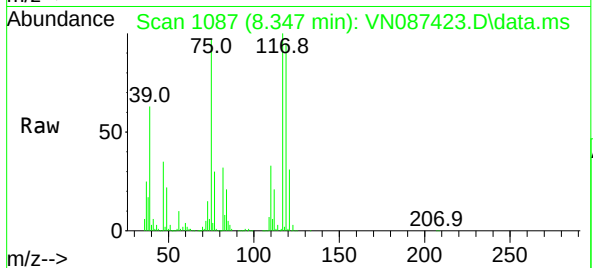
Tgt Ion: 97 Resp: 1407597
Ion Ratio Lower Upper
97 100
99 64.2 52.1 78.1
61 46.4 36.3 54.5



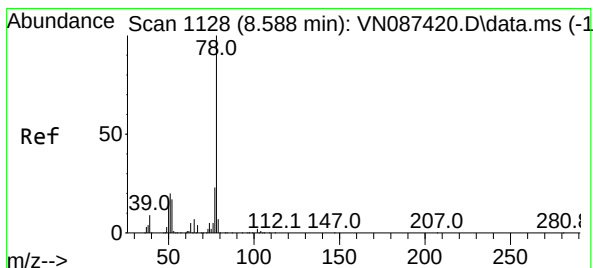
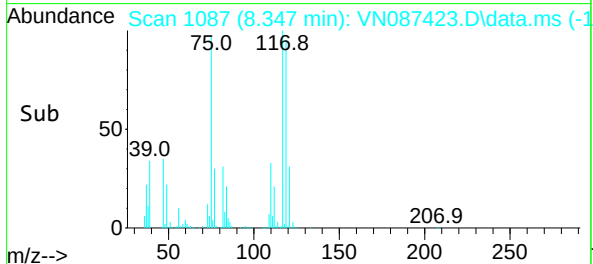
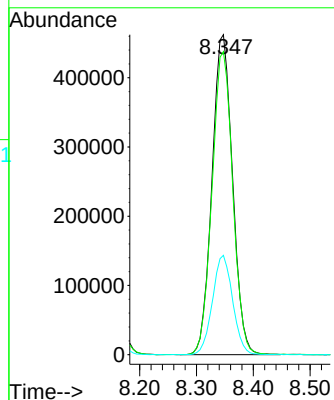


#33
Carbon Tetrachloride
Concen: 170.192 ug/l
RT: 8.347 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VN087423.D
Acq: 28 Jul 2025 11:09

Instrument :
MSVOA_N
ClientSampleId :

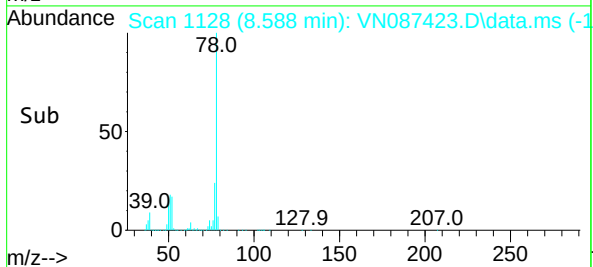
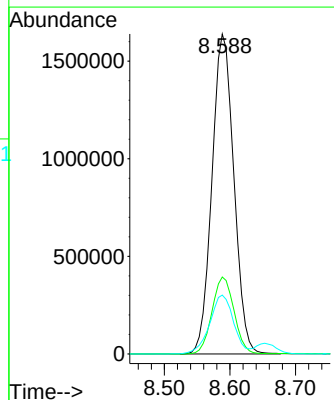
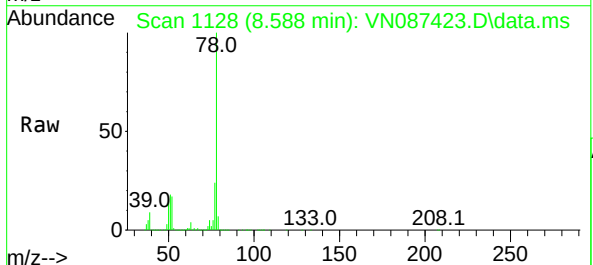


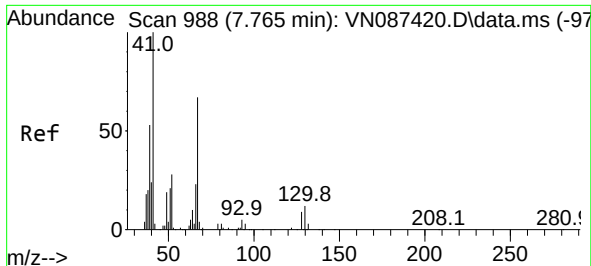
Tgt Ion:117 Resp: 1159544
Ion Ratio Lower Upper
117 100
119 94.7 71.9 107.9
121 31.0 24.4 36.6



#34
Benzene
Concen: 168.913 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN087423.D
Acq: 28 Jul 2025 11:09

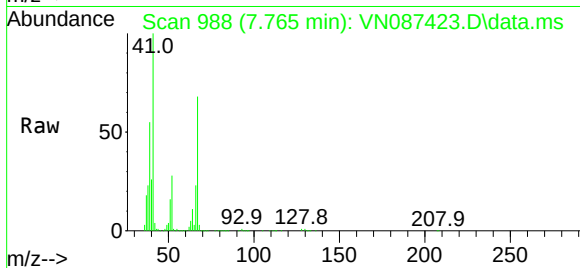
Tgt Ion: 78 Resp: 3797675
Ion Ratio Lower Upper
78 100
77 24.0 18.6 28.0
51 18.3 16.3 24.5



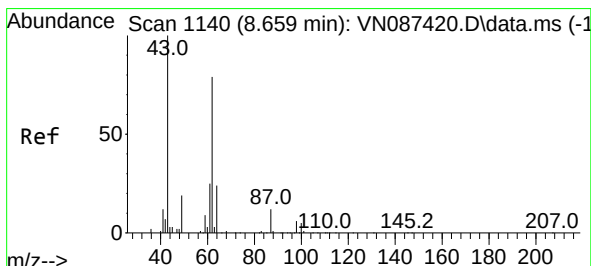
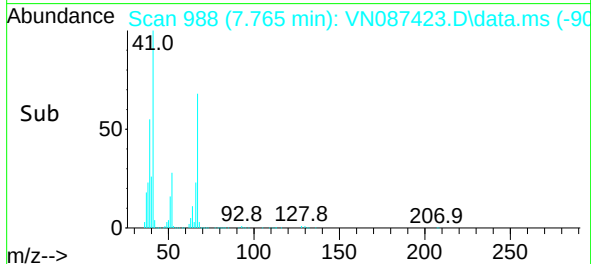
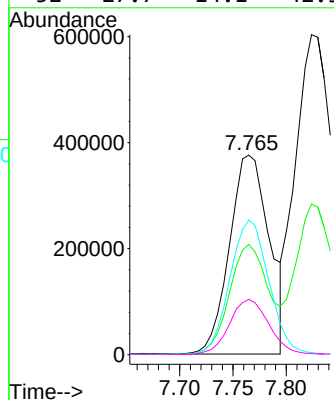


#35
Methacrylonitrile
Concen: 171.033 ug/l
RT: 7.765 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087423.D
Acq: 28 Jul 2025 11:09

Instrument :
MSVOA_N
ClientSampleId :

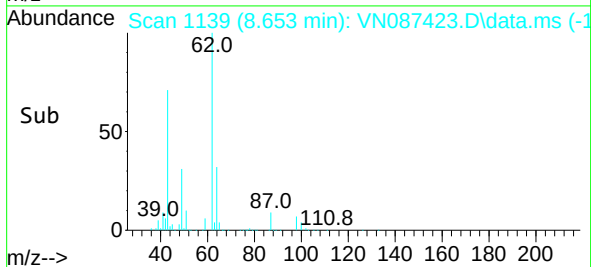
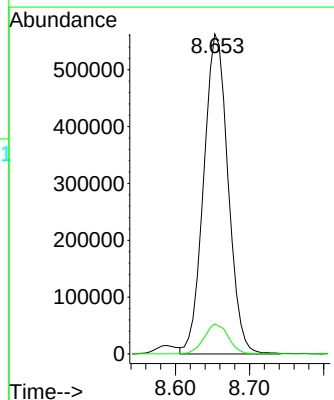
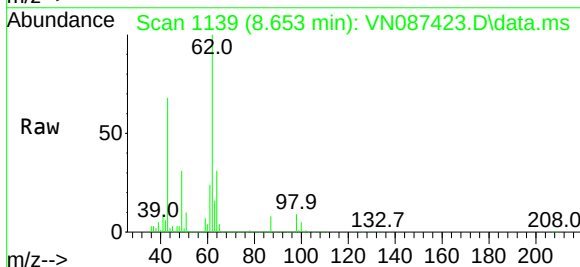


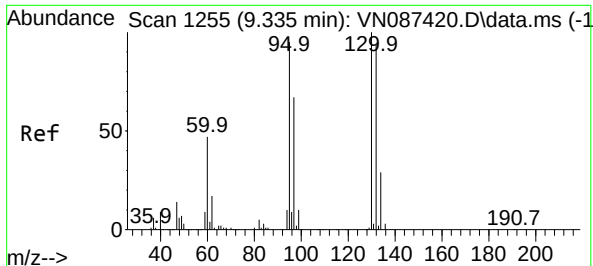
Tgt Ion:	41	Resp:	975762
Ion	Ratio	Lower	Upper
41	100		
39	55.1	26.7	80.1
67	67.6	33.5	100.4
52	27.7	14.1	42.3



#36
1,2-Dichloroethane
Concen: 172.120 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.006 min
Lab File: VN087423.D
Acq: 28 Jul 2025 11:09

Tgt Ion:	62	Resp:	1287860
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.2	0.2#

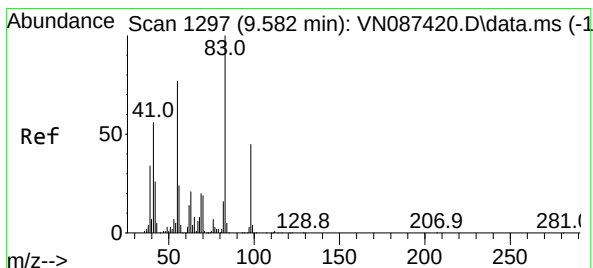
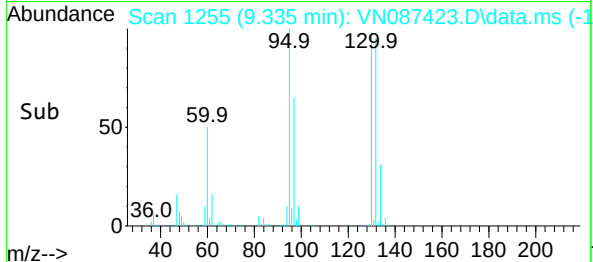
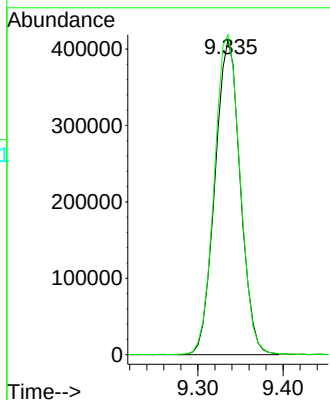
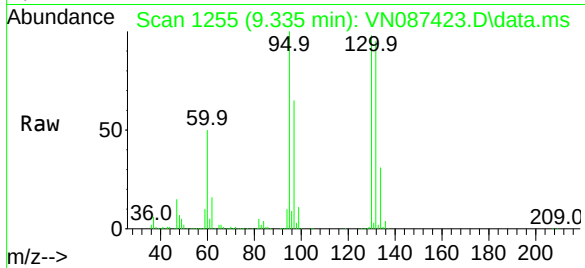




#37
Trichloroethene
Concen: 165.715 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. -0.000 min
Lab File: VN087423.D
Acq: 28 Jul 2025 11:09

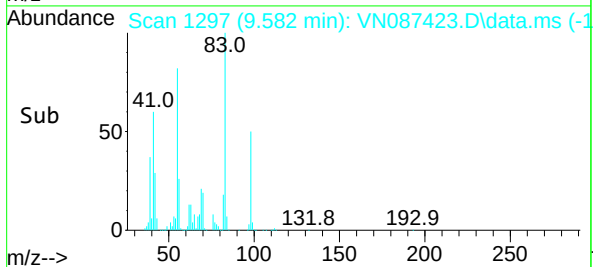
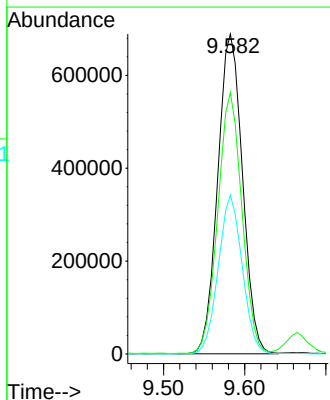
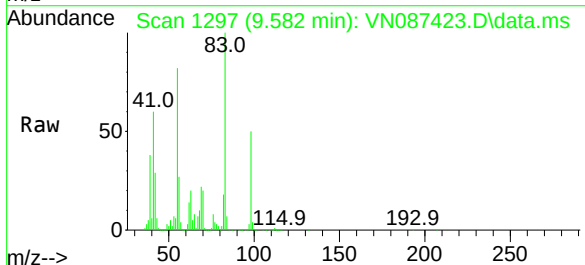
Instrument :
MSVOA_N
ClientSampleId :

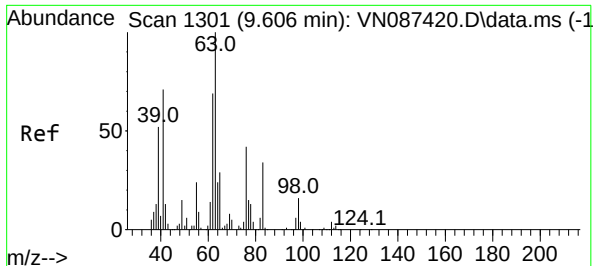
Tgt Ion:130 Resp: 850471
Ion Ratio Lower Upper
130 100
95 101.6 76.4 114.6



#38
Methylcyclohexane
Concen: 164.652 ug/l
RT: 9.582 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN087423.D
Acq: 28 Jul 2025 11:09

Tgt Ion: 83 Resp: 1459767
Ion Ratio Lower Upper
83 100
55 79.3 39.4 118.1
98 48.2 23.6 70.8





#39

1,2-Dichloropropane

Concen: 168.146 ug/l

RT: 9.606 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087423.D

Acq: 28 Jul 2025 11:09

Instrument :

MSVOA_N

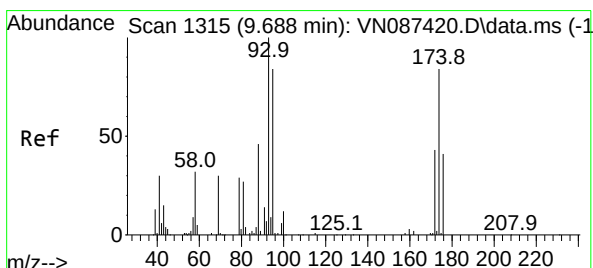
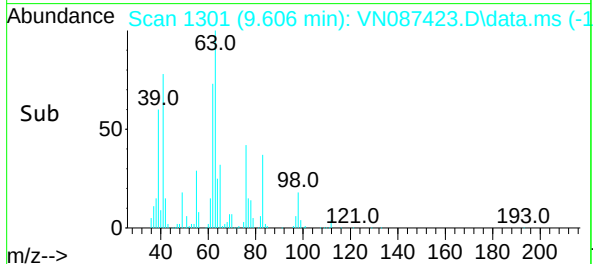
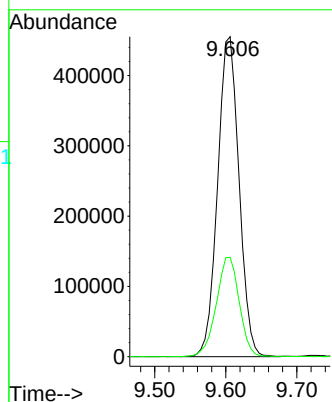
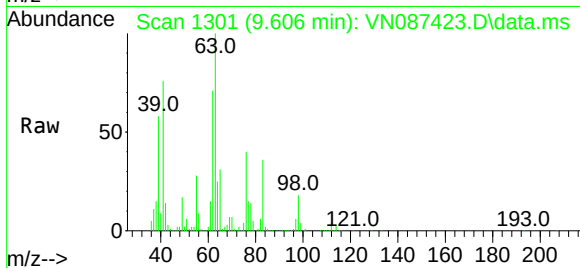
ClientSampleId :

Tgt Ion: 63 Resp: 951754

Ion Ratio Lower Upper

63 100

65 31.0 23.1 34.7



#40

Dibromomethane

Concen: 167.642 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN087423.D

Acq: 28 Jul 2025 11:09

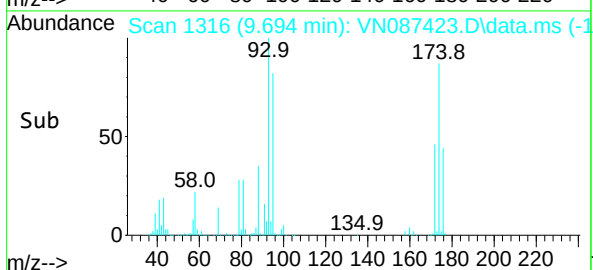
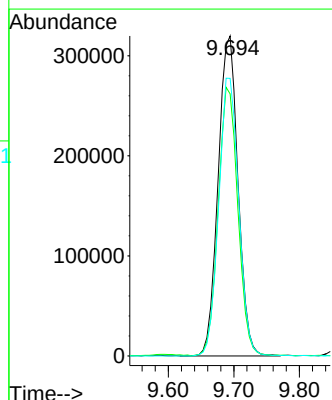
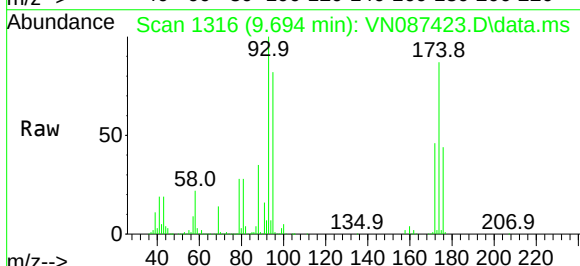
Tgt Ion: 93 Resp: 673138

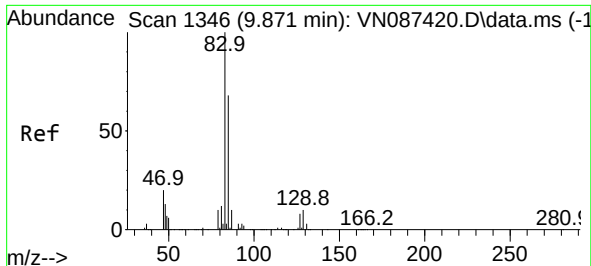
Ion Ratio Lower Upper

93 100

95 82.8 0.0 164.8

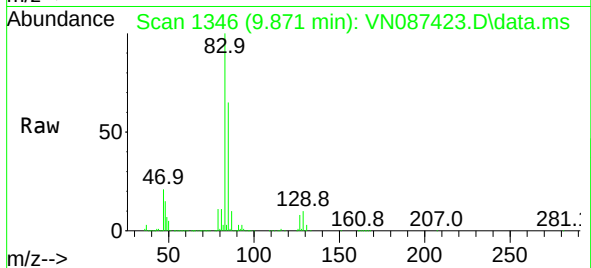
174 87.1 0.0 174.4



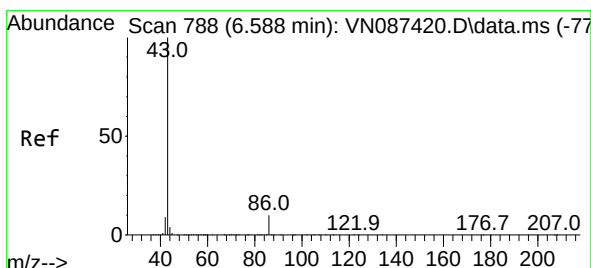
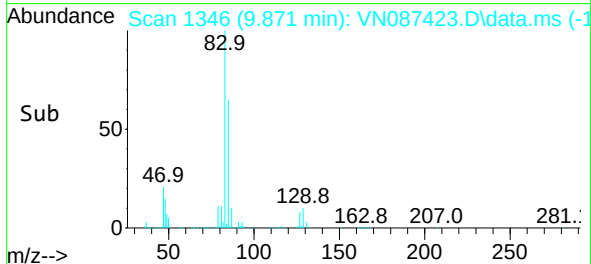
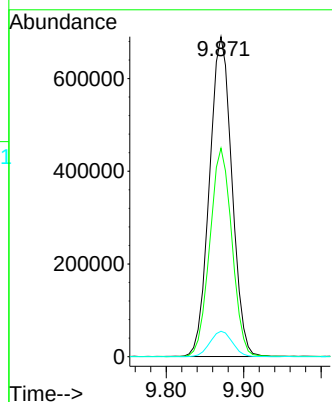


#41
Bromodichloromethane
Concen: 171.454 ug/l
RT: 9.871 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087423.D
Acq: 28 Jul 2025 11:09

Instrument :
MSVOA_N
ClientSampleId :

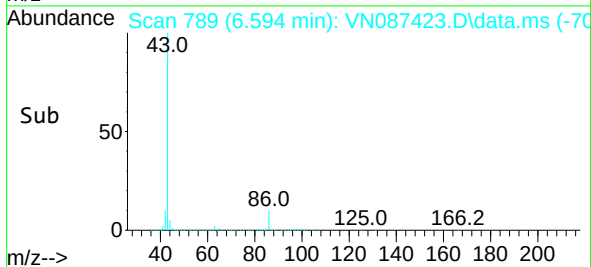
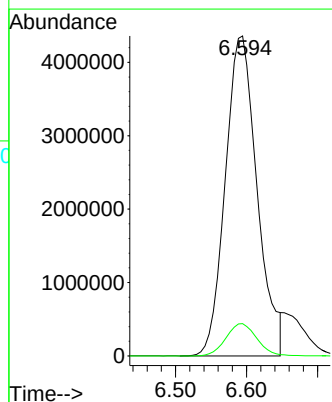
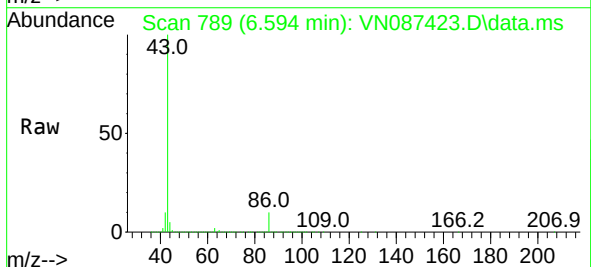


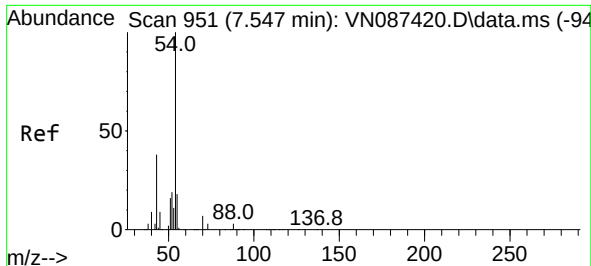
Tgt Ion: 83 Resp: 1385561
Ion Ratio Lower Upper
83 100
85 65.1 54.5 81.7
127 7.9 6.6 10.0



#42
Vinyl Acetate
Concen: 809.248 ug/l
RT: 6.594 min Scan# 789
Delta R.T. 0.006 min
Lab File: VN087423.D
Acq: 28 Jul 2025 11:09

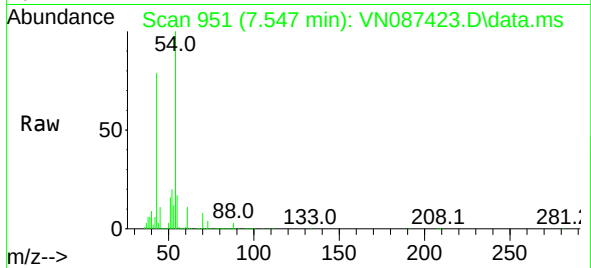
Tgt Ion: 43 Resp:13563324
Ion Ratio Lower Upper
43 100
86 9.9 7.9 11.9



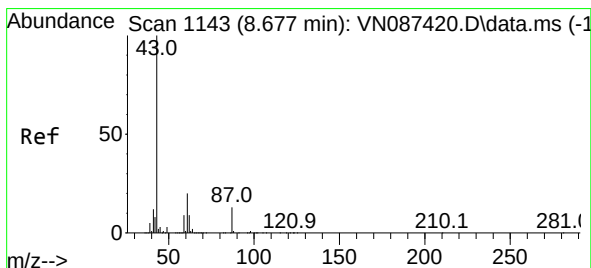
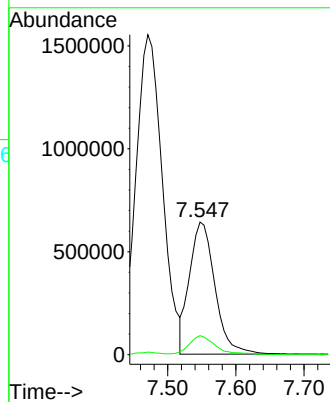
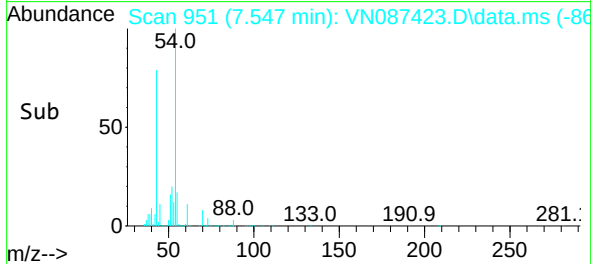


#43
Ethyl Acetate
Concen: 162.303 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087423.D
Acq: 28 Jul 2025 11:09

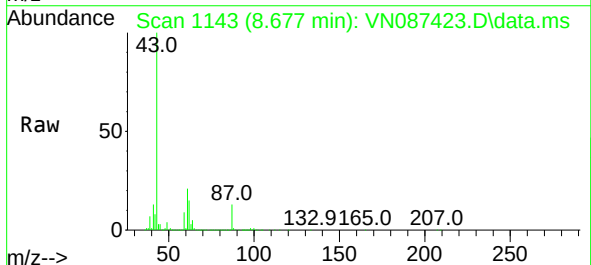
Instrument :
MSVOA_N
ClientSampleId :



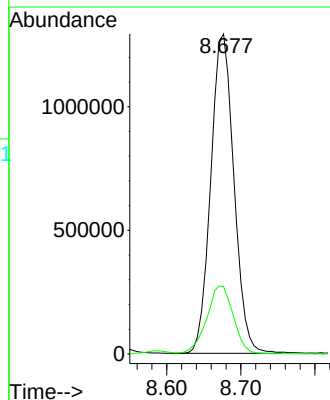
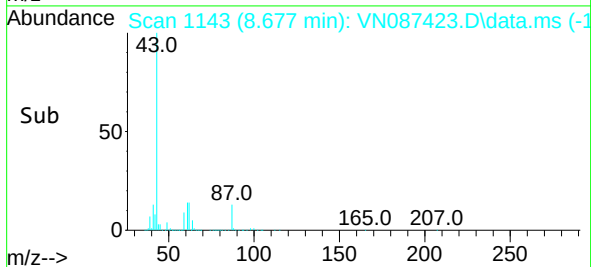
Tgt Ion: 43 Resp: 1657072
Ion Ratio Lower Upper
43 100
45 15.1 1.6 2.4#

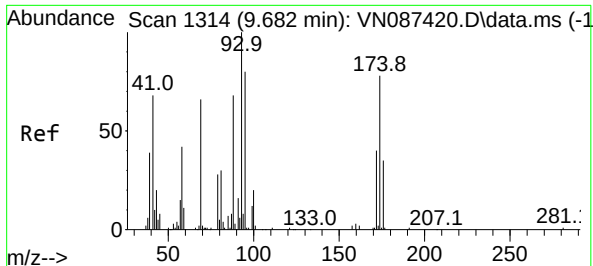


#44
Isopropyl Acetate
Concen: 171.991 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087423.D
Acq: 28 Jul 2025 11:09



Tgt Ion: 43 Resp: 2805264
Ion Ratio Lower Upper
43 100
61 24.6 20.0 30.0





#45

1,4-Dioxane

Concen: 3270.085 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. -0.000 min

Lab File: VN087423.D

Acq: 28 Jul 2025 11:09

Instrument :

MSVOA_N

ClientSampleId :

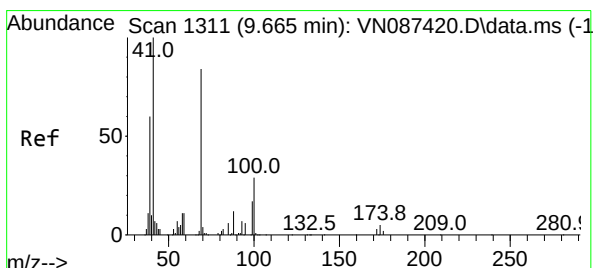
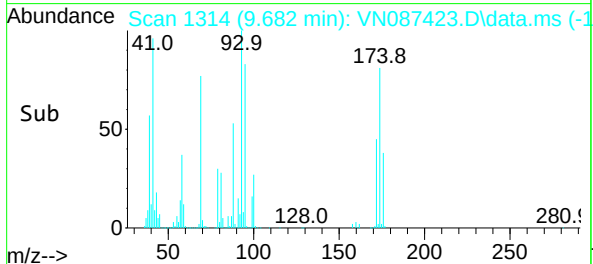
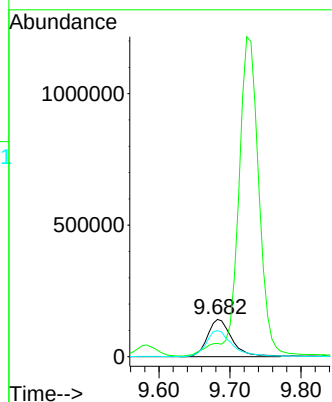
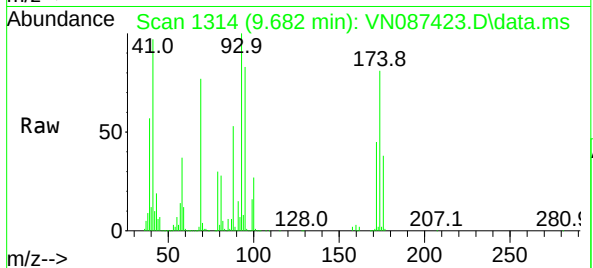
Tgt Ion: 88 Resp: 338417

Ion Ratio Lower Upper

88 100

43 26.7 22.7 34.1

58 74.1 56.2 84.4



#46

Methyl methacrylate

Concen: 176.402 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VN087423.D

Acq: 28 Jul 2025 11:09

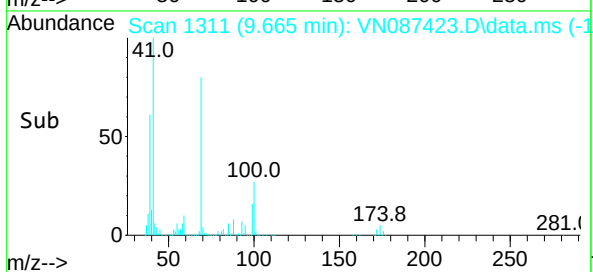
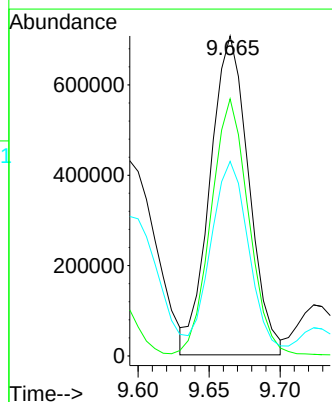
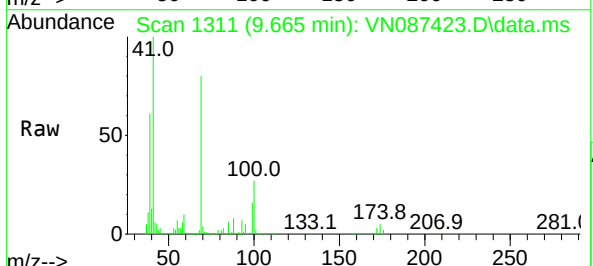
Tgt Ion: 41 Resp: 1339708

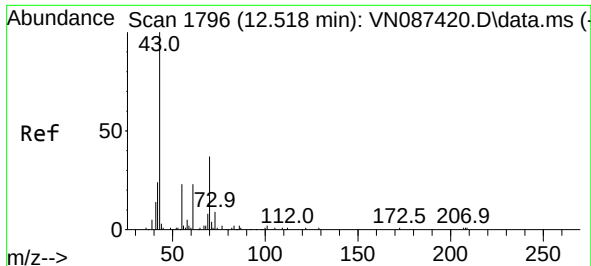
Ion Ratio Lower Upper

41 100

69 82.7 41.9 125.7

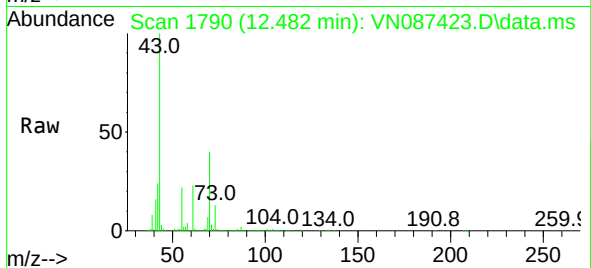
39 60.6 31.1 93.5



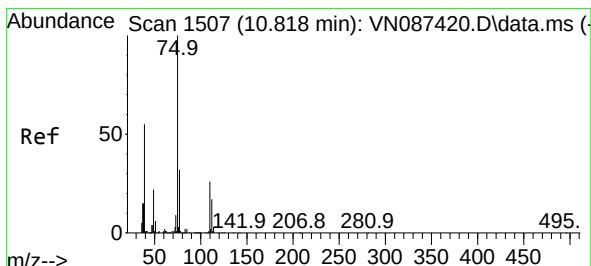
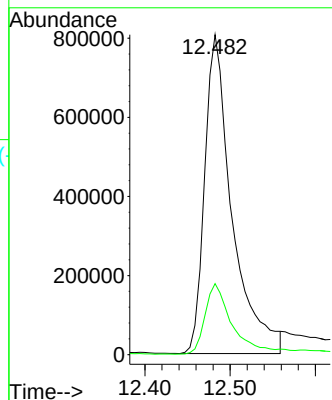
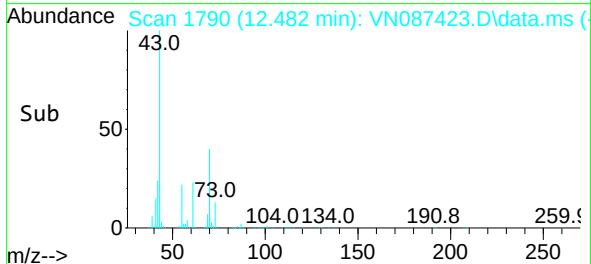


#47
n-amy1 Acetate
Concen: 268.166 ug/l
RT: 12.482 min Scan# 1796
Delta R.T. -0.035 min
Lab File: VN087423.D
Acq: 28 Jul 2025 11:09

Instrument :
MSVOA_N
ClientSampleId :

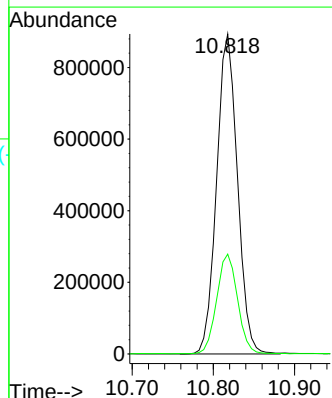
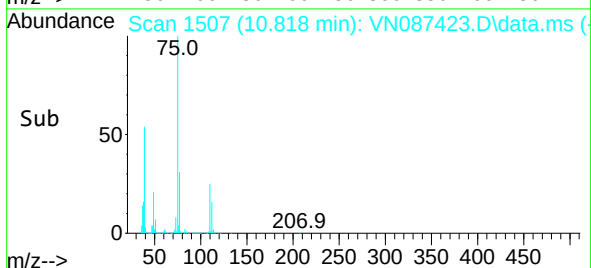
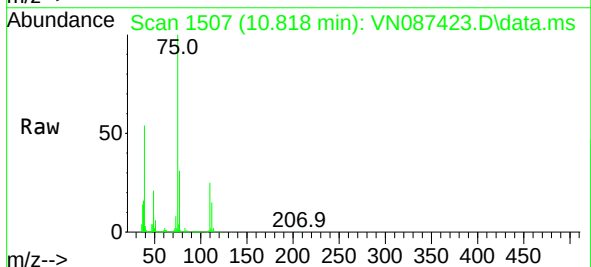


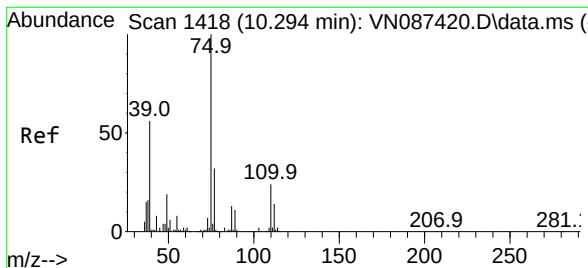
Tgt Ion: 43 Resp: 1803266
Ion Ratio Lower Upper
43 100
55 21.7 15.0 22.6



#48
t-1,3-Dichloropropene
Concen: 175.131 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN087423.D
Acq: 28 Jul 2025 11:09

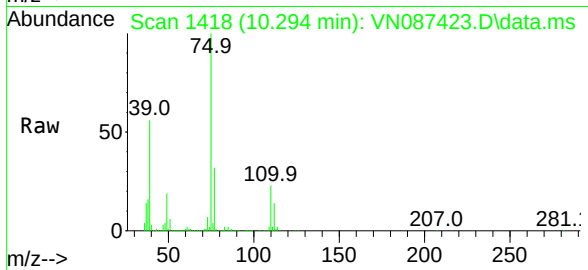
Tgt Ion: 75 Resp: 1593280
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.2





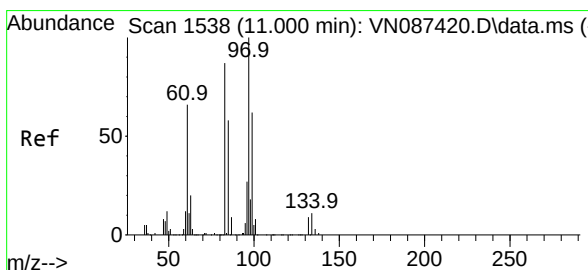
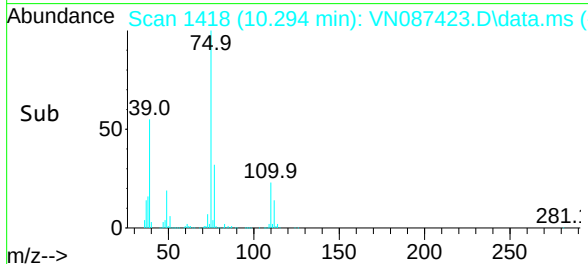
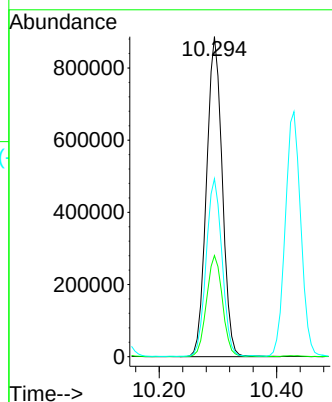
#49
 cis-1,3-Dichloropropene
 Concen: 172.160 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VN087423.D
 Acq: 28 Jul 2025 11:09

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 1644925

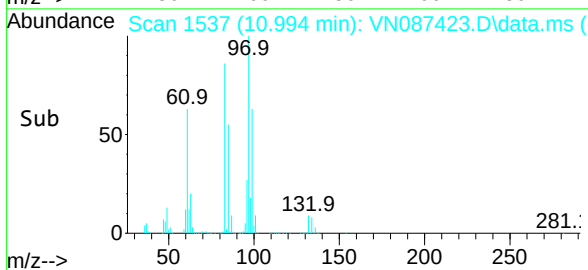
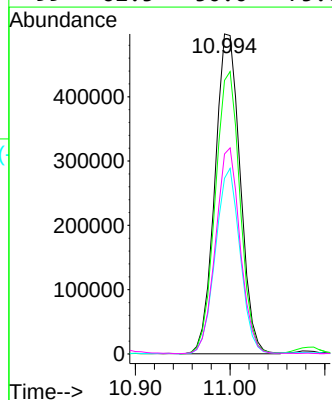
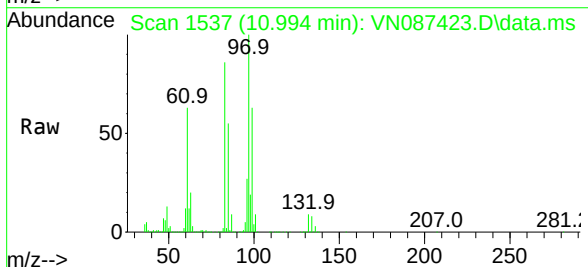
Ion	Ratio	Lower	Upper
75	100		
77	31.5	26.1	39.1
39	55.5	45.0	67.4

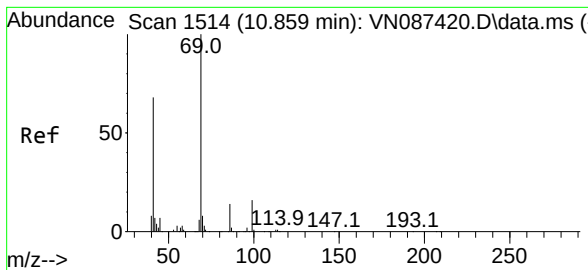


#50
 1,1,2-Trichloroethane
 Concen: 172.384 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. -0.006 min
 Lab File: VN087423.D
 Acq: 28 Jul 2025 11:09

Tgt Ion: 97 Resp: 921361

Ion	Ratio	Lower	Upper
97	100		
83	85.5	70.0	105.0
85	54.9	46.2	69.2
99	62.5	50.0	75.0

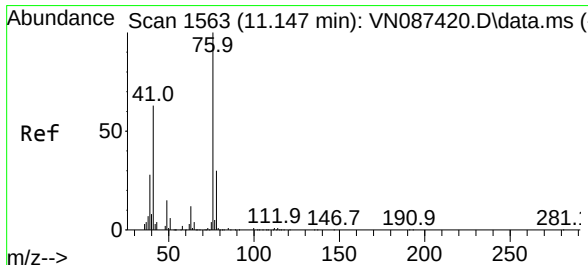
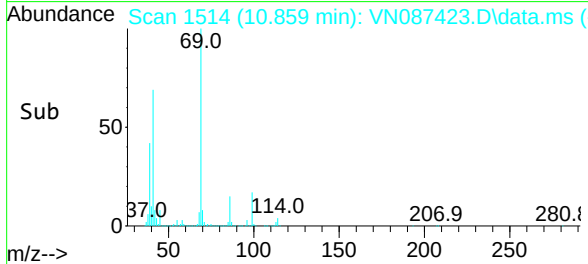
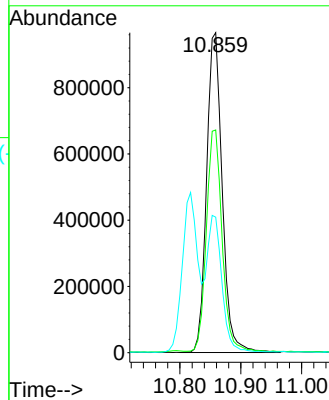
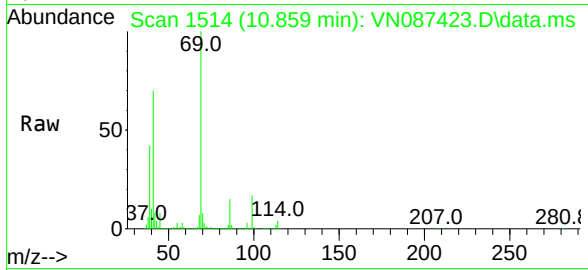




#51
Ethyl methacrylate
Concen: 178.094 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN087423.D
Acq: 28 Jul 2025 11:09

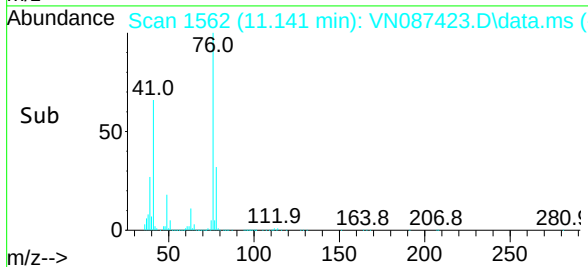
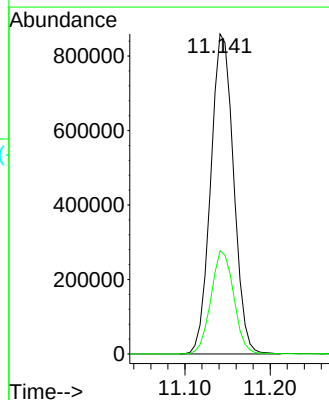
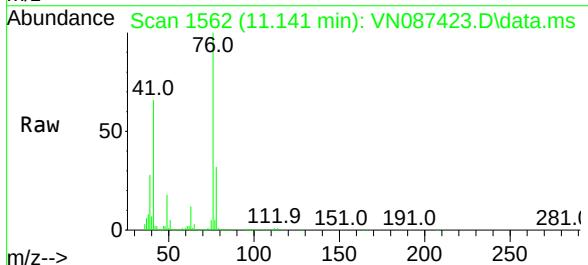
Instrument :
MSVOA_N
ClientSampleId :

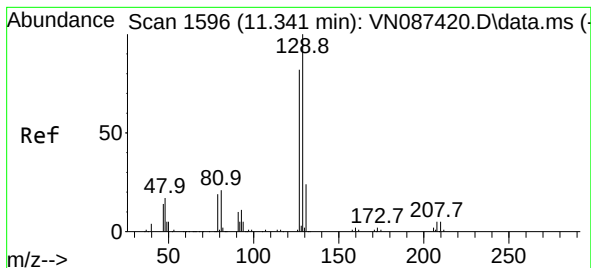
Tgt Ion: 69 Resp: 1723847
Ion Ratio Lower Upper
69 100
41 69.3 33.9 101.6
39 42.1 20.3 60.9



#52
1,3-Dichloropropane
Concen: 173.445 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.006 min
Lab File: VN087423.D
Acq: 28 Jul 2025 11:09

Tgt Ion: 76 Resp: 1602154
Ion Ratio Lower Upper
76 100
78 32.1 0.0 67.4

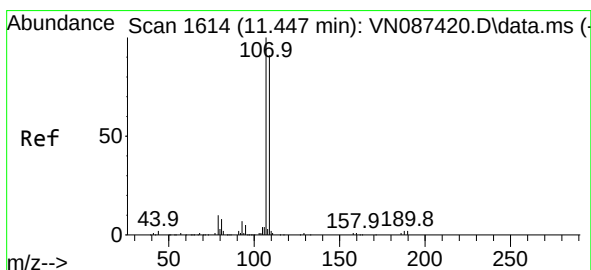
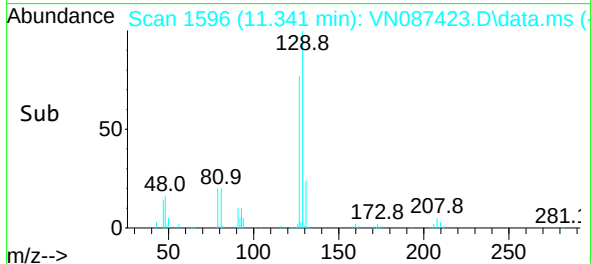
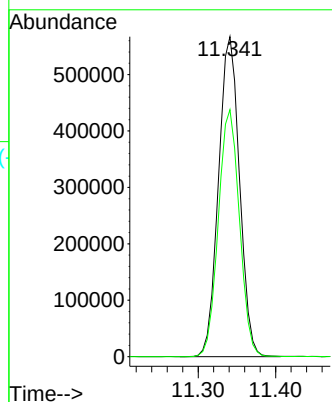
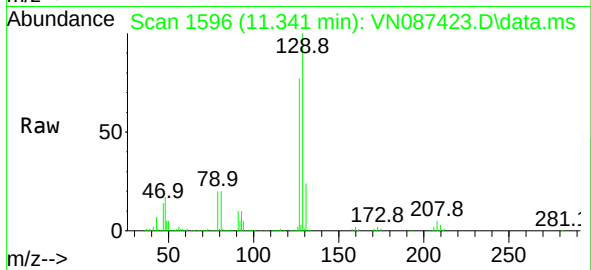




#53
Dibromochloromethane
Concen: 174.392 ug/l
RT: 11.341 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087423.D
Acq: 28 Jul 2025 11:09

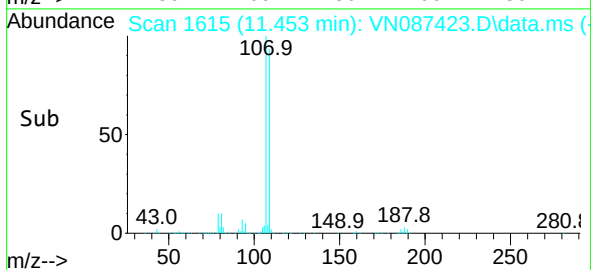
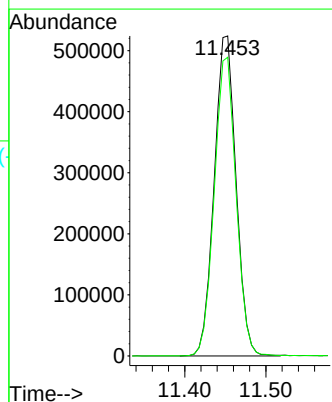
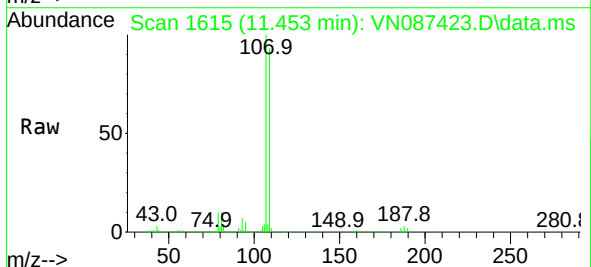
Instrument :
MSVOA_N
ClientSampleId :

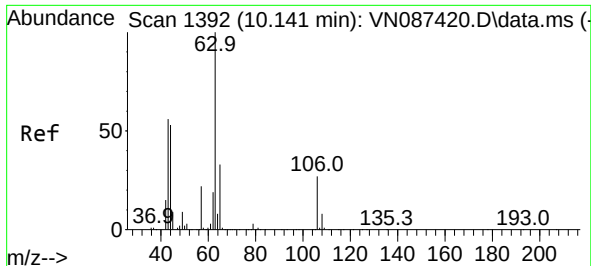
Tgt Ion:129 Resp: 1069124
Ion Ratio Lower Upper
129 100
127 77.5 39.5 118.3



#54
1,2-Dibromoethane
Concen: 174.254 ug/l
RT: 11.453 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VN087423.D
Acq: 28 Jul 2025 11:09

Tgt Ion:107 Resp: 979971
Ion Ratio Lower Upper
107 100
109 93.7 73.9 110.9

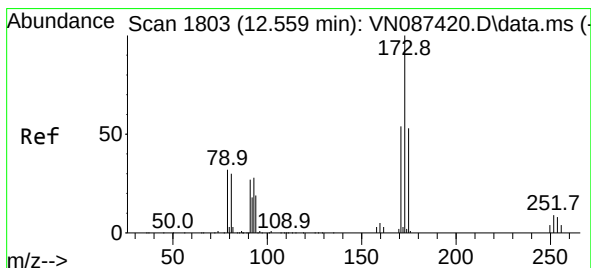
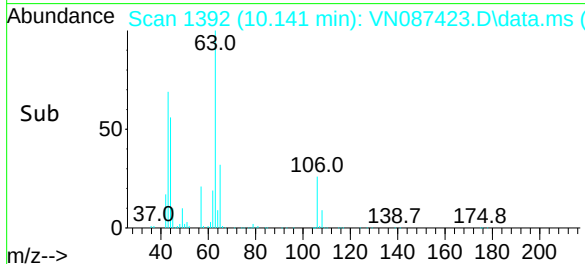
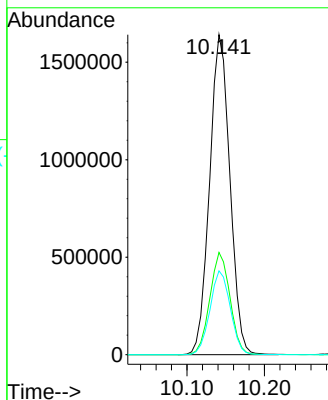
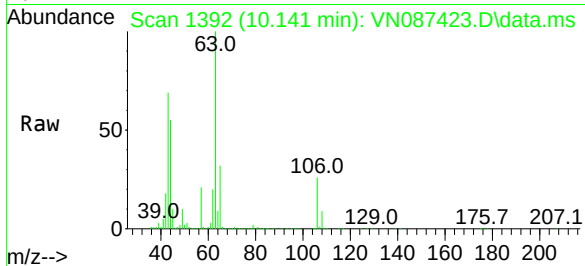




#55
2-Chloroethyl vinyl ether
Concen: 750.609 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN087423.D
Acq: 28 Jul 2025 11:09

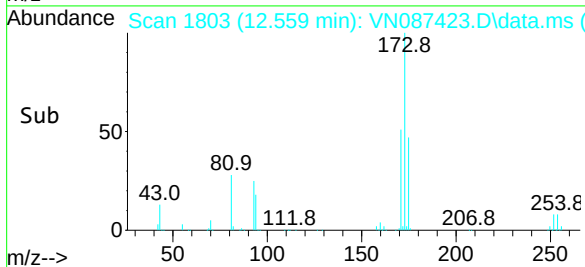
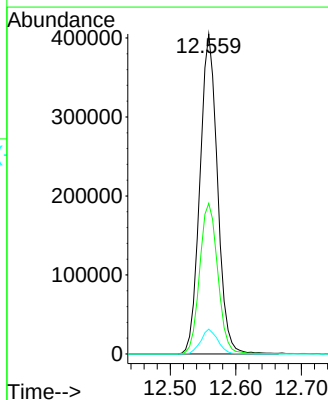
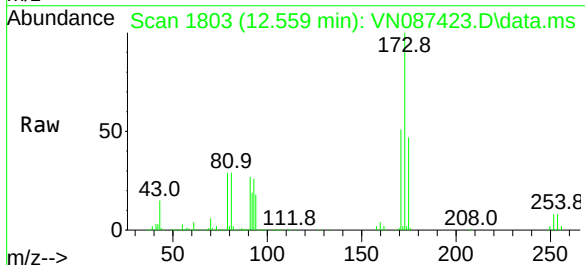
Instrument :
MSVOA_N
ClientSampleId :

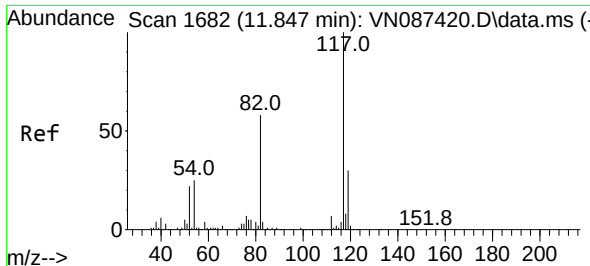
Tgt Ion: 63 Resp: 2987223
Ion Ratio Lower Upper
63 100
65 31.7 26.2 39.2
106 26.3 21.3 31.9



#56
Bromoform
Concen: 175.748 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VN087423.D
Acq: 28 Jul 2025 11:09

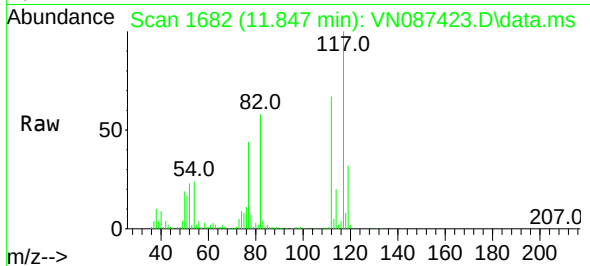
Tgt Ion: 173 Resp: 756099
Ion Ratio Lower Upper
173 100
175 48.3 38.4 57.6
254 7.6 6.4 9.6



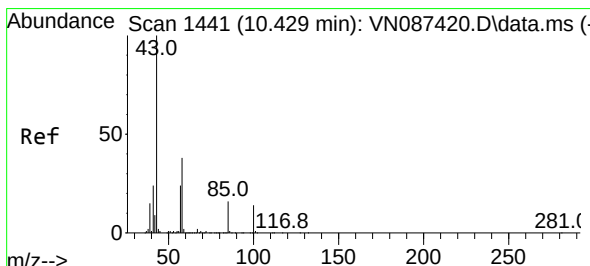
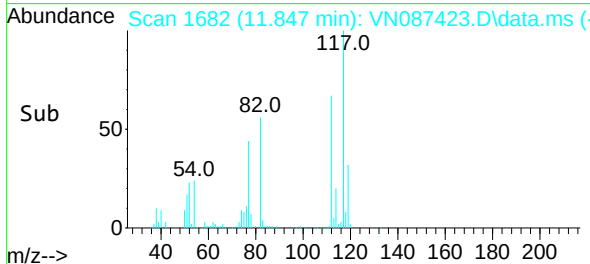
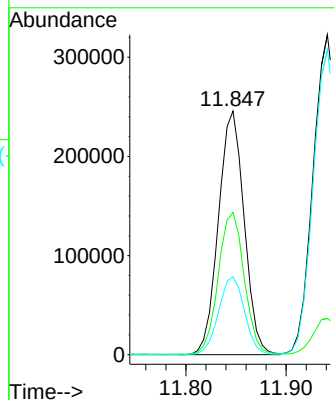


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN087423.D
Acq: 28 Jul 2025 11:09

Instrument :
MSVOA_N
ClientSampleId :

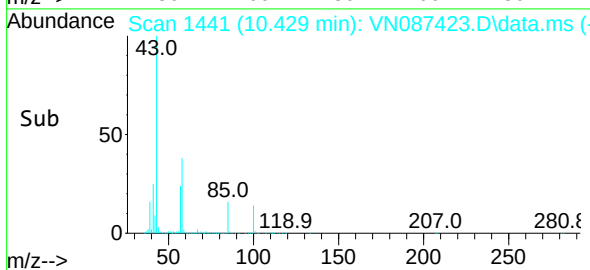
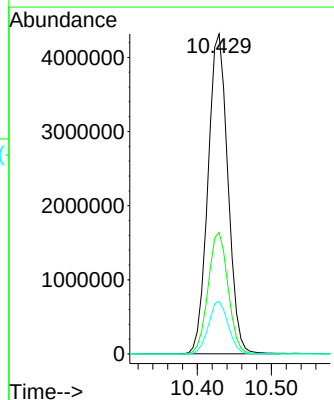
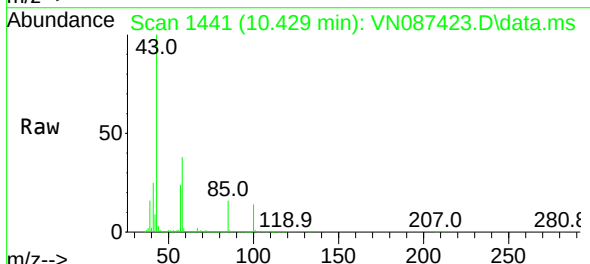


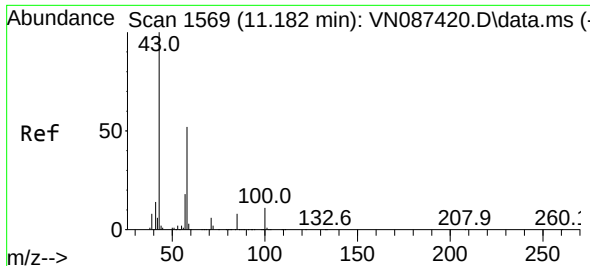
Tgt Ion:117 Resp: 438458
Ion Ratio Lower Upper
117 100
82 58.8 46.2 69.4
119 32.2 25.7 38.5



#58
4-Methyl-2-Pentanone
Concen: 815.005 ug/l
RT: 10.429 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VN087423.D
Acq: 28 Jul 2025 11:09

Tgt Ion: 43 Resp: 8049077
Ion Ratio Lower Upper
43 100
58 38.0 29.9 44.9
85 16.4 12.8 19.2

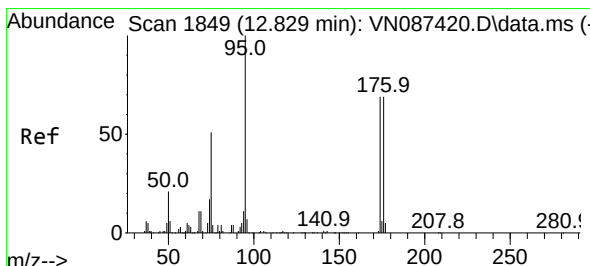
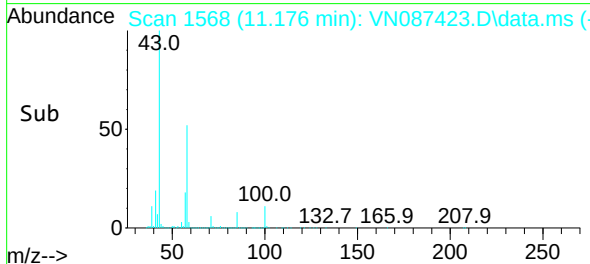
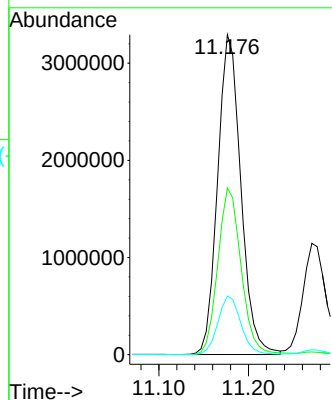
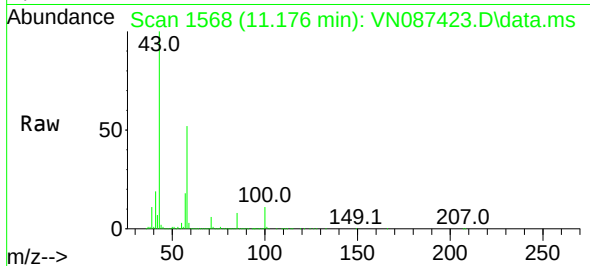




#59
2-Hexanone
Concen: 862.562 ug/l
RT: 11.176 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087423.D
Acq: 28 Jul 2025 11:09

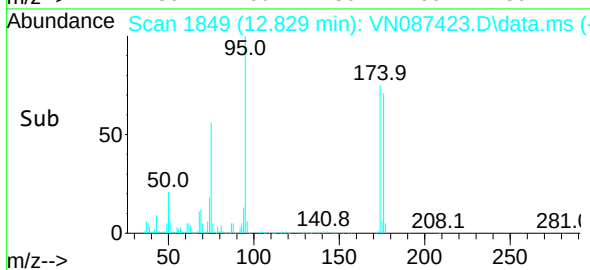
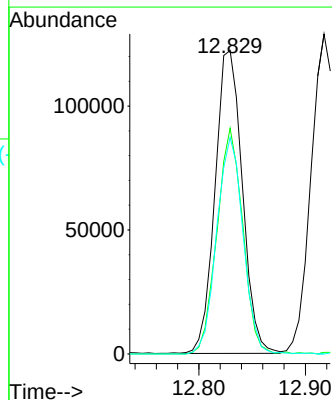
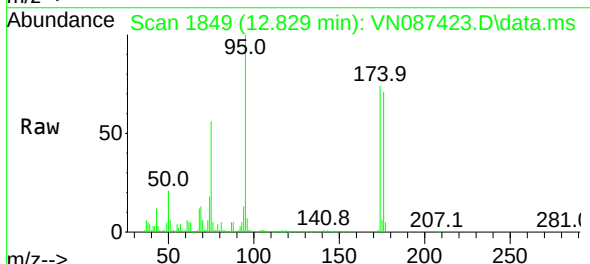
Instrument :
MSVOA_N
ClientSampleId :

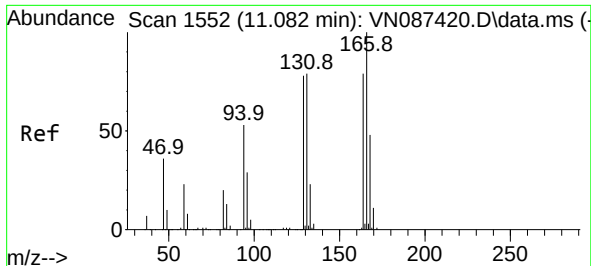
Tgt Ion: 43 Resp: 5903547
Ion Ratio Lower Upper
43 100
58 52.4 42.2 63.2
57 18.2 14.3 21.5



#60
4-Bromofluorobenzene
Concen: 30.163 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087423.D
Acq: 28 Jul 2025 11:09

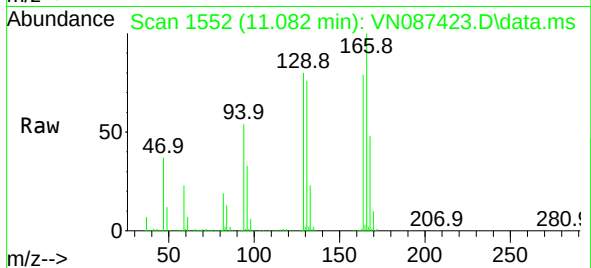
Tgt Ion: 95 Resp: 217172
Ion Ratio Lower Upper
95 100
174 70.2 57.8 86.8
176 68.8 54.9 82.3



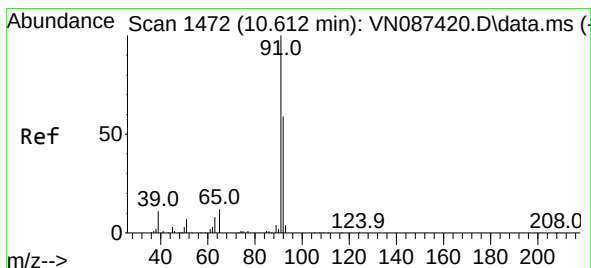
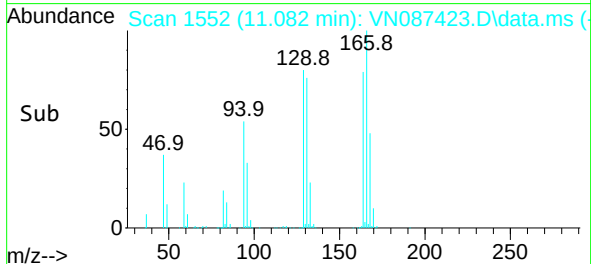
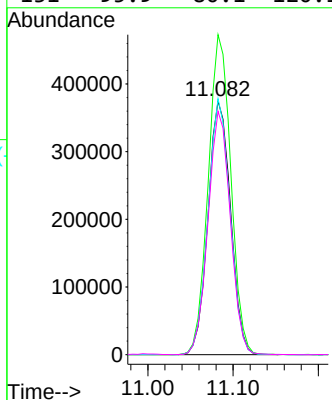


#61
Tetrachloroethene
Concen: 165.842 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN087423.D
Acq: 28 Jul 2025 11:09

Instrument :
MSVOA_N
ClientSampleId :

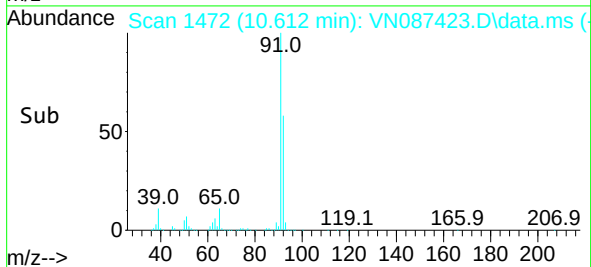
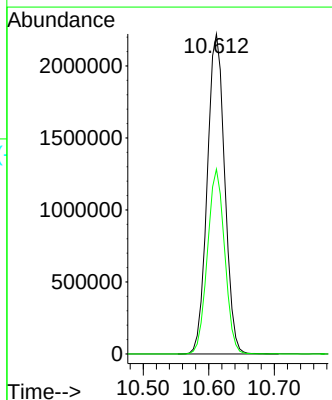
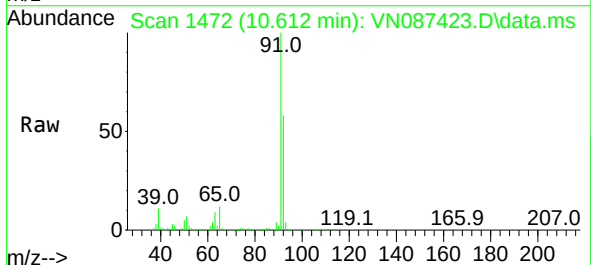


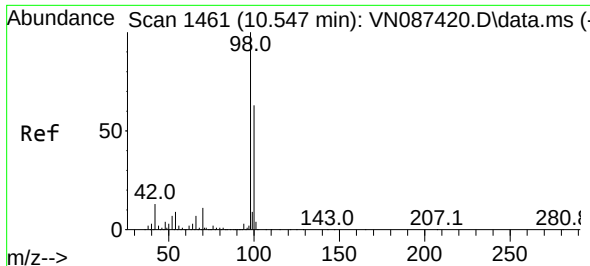
Tgt Ion:164 Resp: 690374
Ion Ratio Lower Upper
164 100
166 126.1 101.8 152.8
129 100.9 79.8 119.8
131 95.9 80.1 120.1



#62
Toluene
Concen: 165.947 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087423.D
Acq: 28 Jul 2025 11:09

Tgt Ion: 91 Resp: 4106334
Ion Ratio Lower Upper
91 100
92 56.9 45.6 68.4

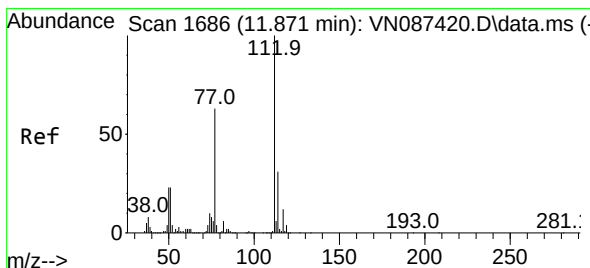
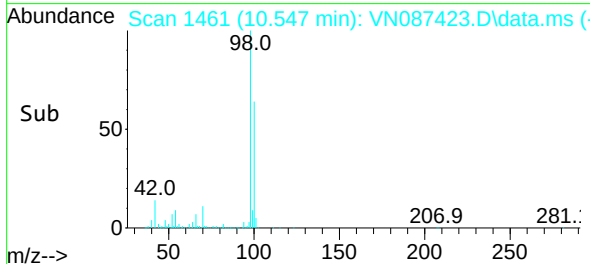
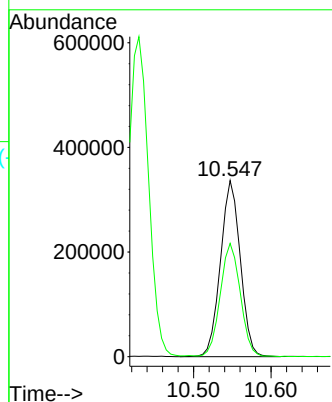
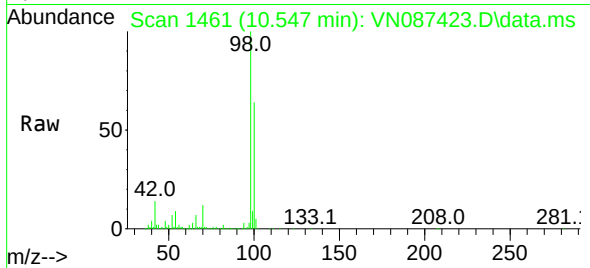




#63
Toluene-d8
Concen: 29.843 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087423.D
Acq: 28 Jul 2025 11:09

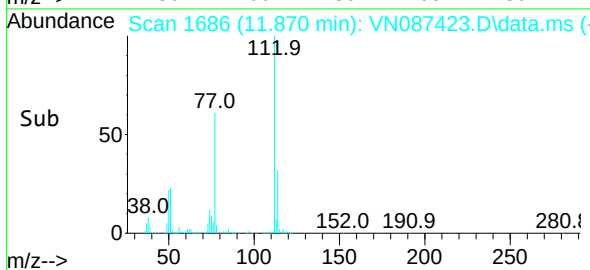
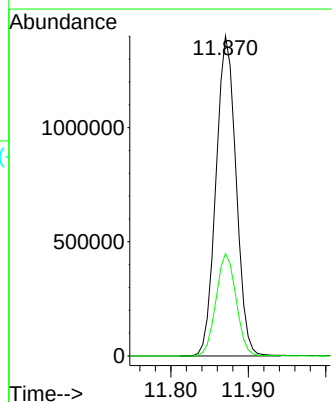
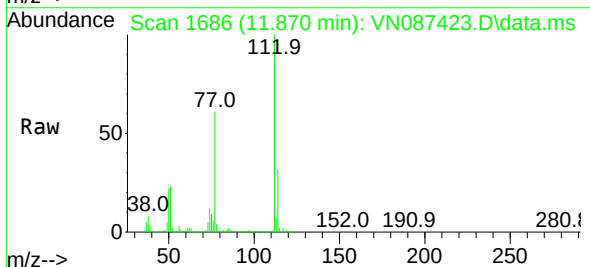
Instrument :
MSVOA_N
ClientSampleId :

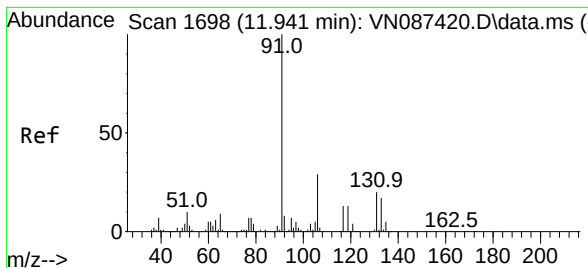
Tgt Ion: 98 Resp: 600918
Ion Ratio Lower Upper
98 100
100 64.4 50.7 76.1



#64
Chlorobenzene
Concen: 165.819 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087423.D
Acq: 28 Jul 2025 11:09

Tgt Ion: 112 Resp: 2523340
Ion Ratio Lower Upper
112 100
114 32.0 25.2 37.8

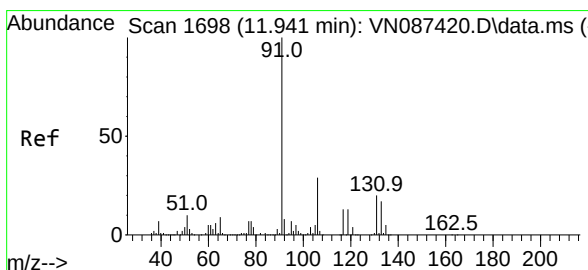
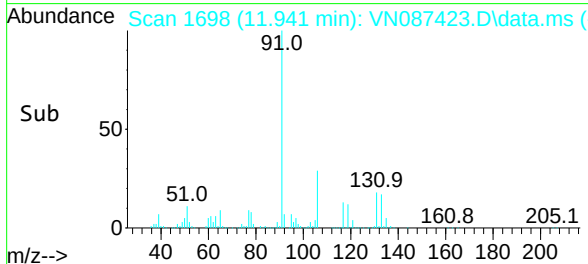
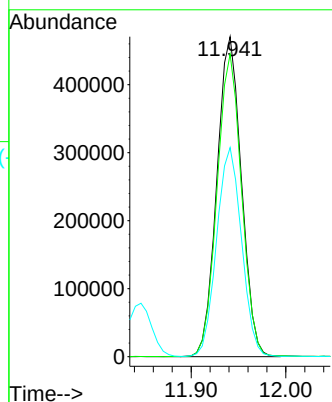
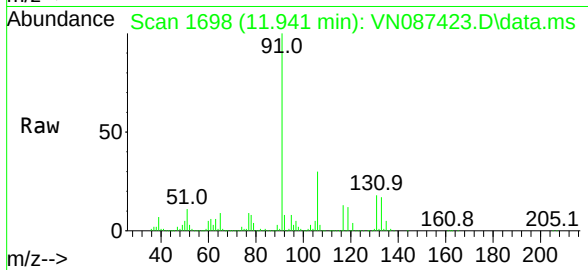




#65
1,1,1,2-Tetrachloroethane
Concen: 164.222 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087423.D
Acq: 28 Jul 2025 11:09

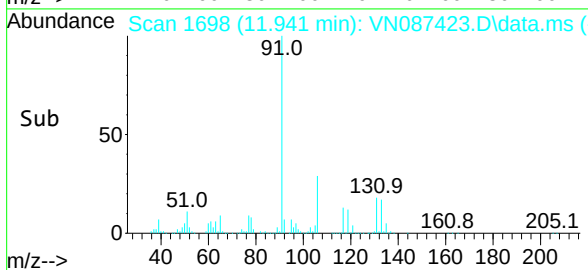
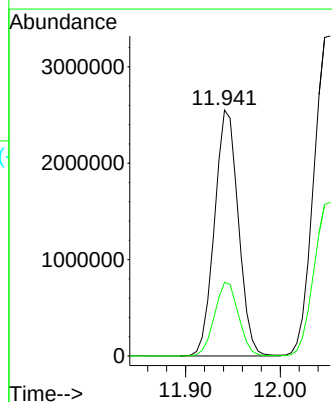
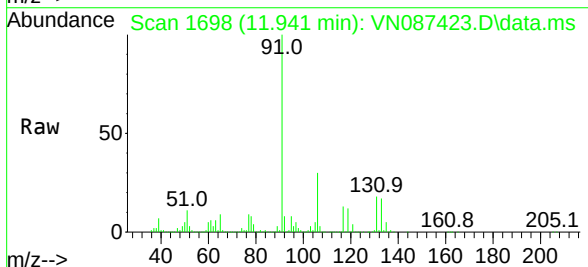
Instrument :
MSVOA_N
ClientSampleId :

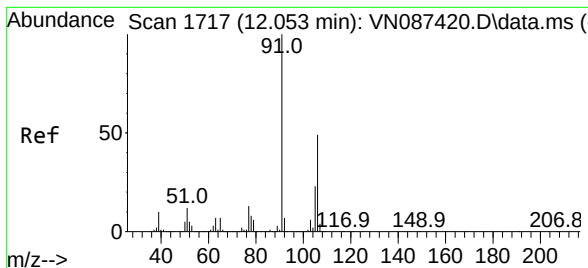
Tgt Ion:131 Resp: 847400
Ion Ratio Lower Upper
131 100
133 94.2 0.0 184.2
119 66.4 0.0 136.4



#66
Ethyl Benzene
Concen: 165.060 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087423.D
Acq: 28 Jul 2025 11:09

Tgt Ion: 91 Resp: 4462413
Ion Ratio Lower Upper
91 100
106 30.0 23.6 35.4

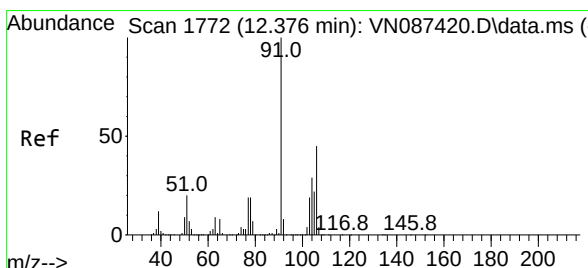
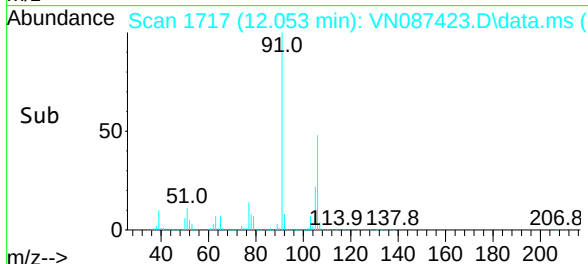
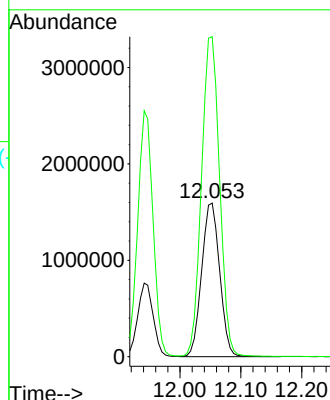
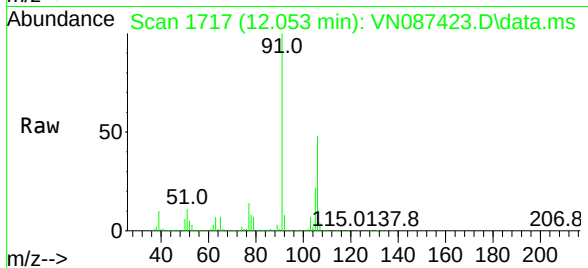




#67
m/p-Xylenes
Concen: 323.372 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VN087423.D
Acq: 28 Jul 2025 11:09

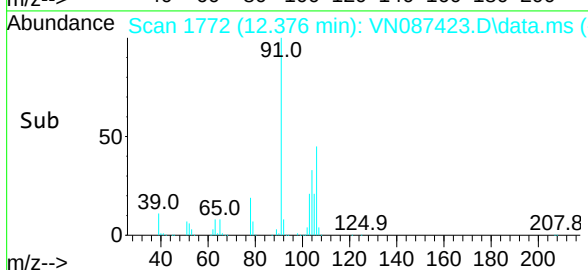
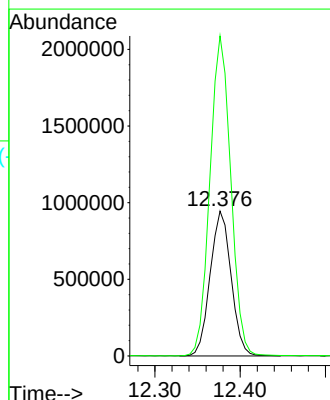
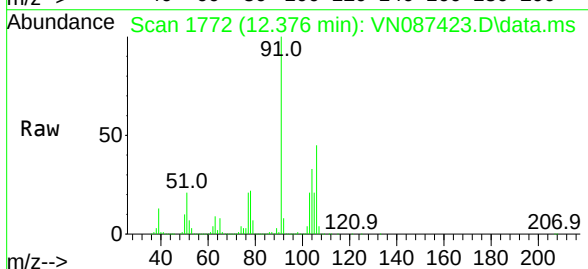
Instrument :
MSVOA_N
ClientSampleId :

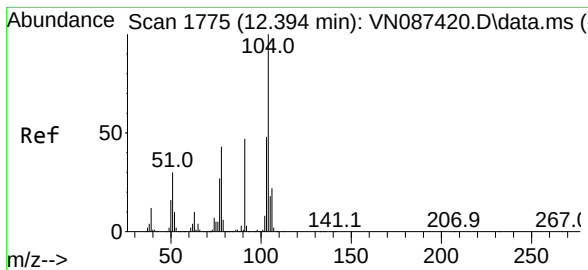
Tgt Ion:106 Resp: 3275723
Ion Ratio Lower Upper
106 100
91 208.9 165.4 248.2



#68
o-Xylene
Concen: 162.866 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087423.D
Acq: 28 Jul 2025 11:09

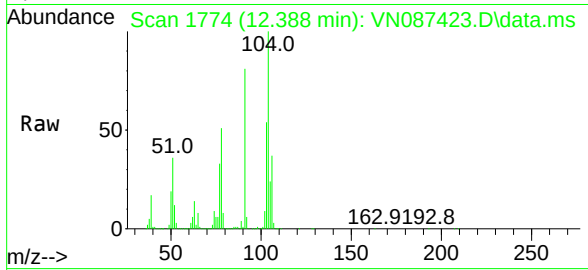
Tgt Ion:106 Resp: 1614502
Ion Ratio Lower Upper
106 100
91 220.0 106.9 320.8



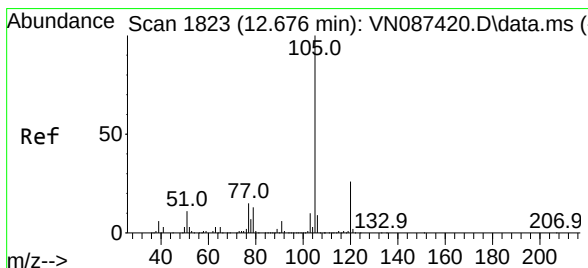
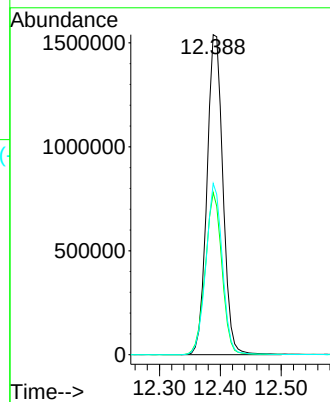
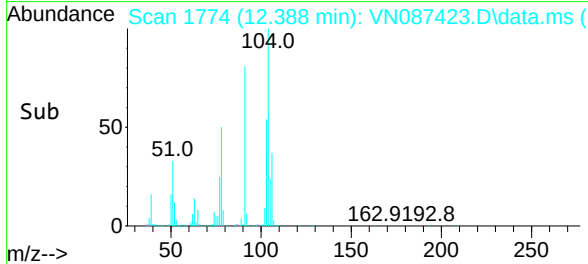


#69
Styrene
Concen: 165.522 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VN087423.D
Acq: 28 Jul 2025 11:09

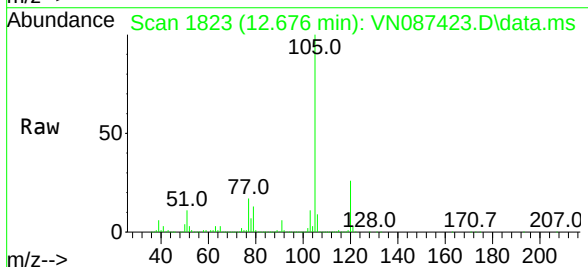
Instrument :
MSVOA_N
ClientSampleId :



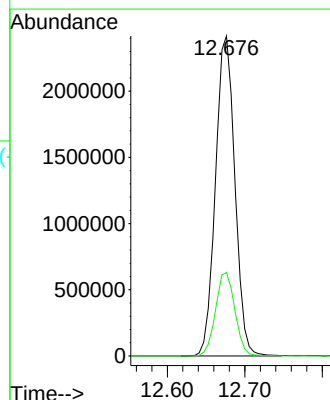
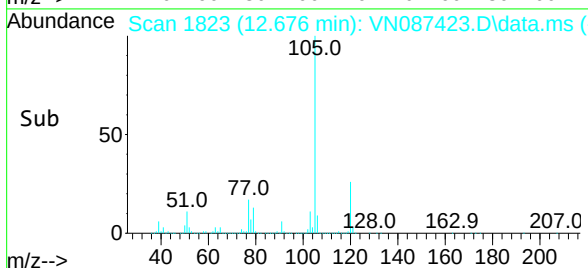
Tgt Ion:104 Resp: 2806625
Ion Ratio Lower Upper
104 100
78 52.5 40.6 60.8
103 54.9 43.8 65.8

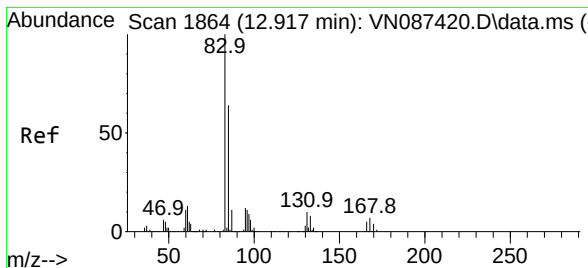


#70
Isopropylbenzene
Concen: 164.683 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. -0.000 min
Lab File: VN087423.D
Acq: 28 Jul 2025 11:09



Tgt Ion:105 Resp: 4192456
Ion Ratio Lower Upper
105 100
120 26.1 18.1 33.5

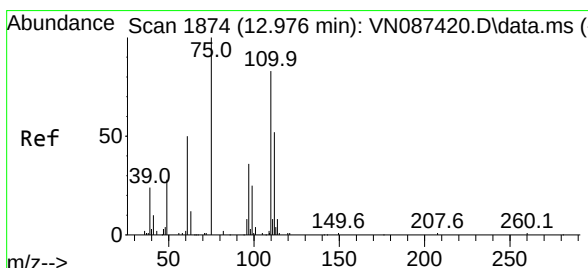
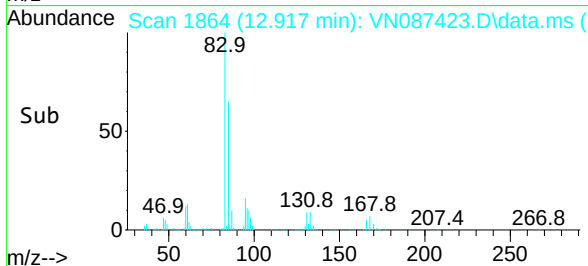
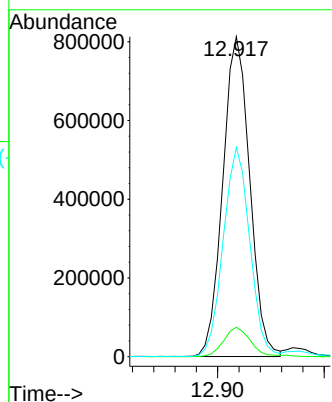
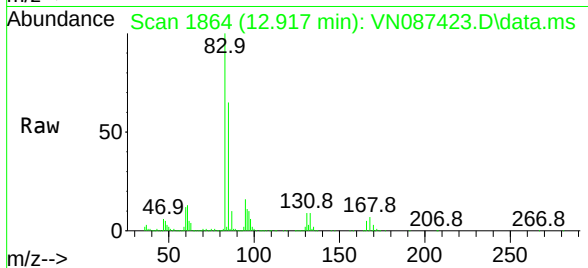




#71
1,1,2,2-Tetrachloroethane
Concen: 164.493 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN087423.D
Acq: 28 Jul 2025 11:09

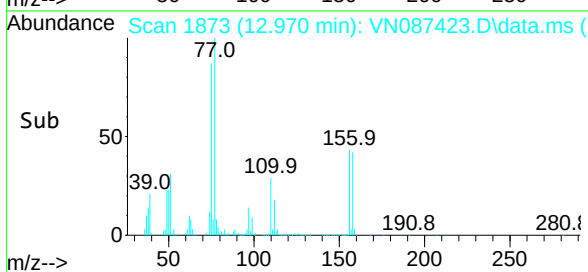
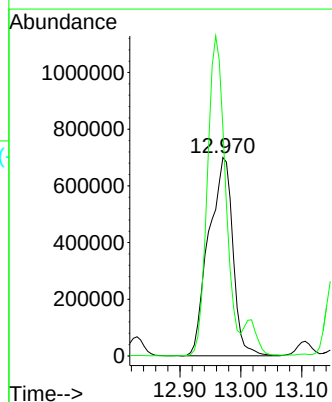
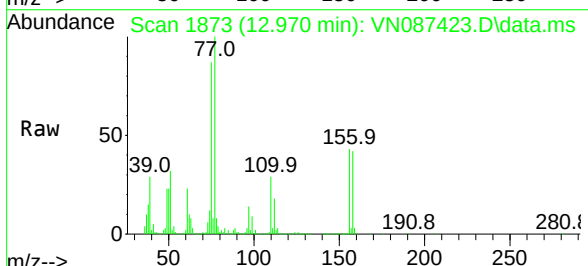
Instrument :
MSVOA_N
ClientSampleId :

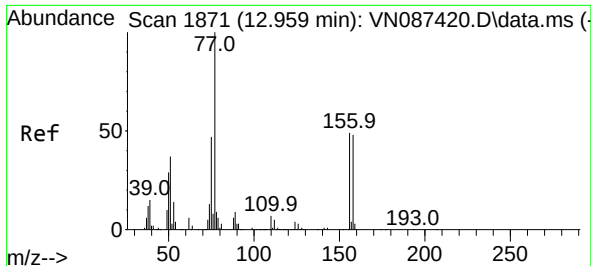
Tgt Ion: 83 Resp: 1427927
Ion Ratio Lower Upper
83 100
131 9.4 5.0 14.9
85 64.2 32.7 98.1



#72
1,2,3-Trichloropropane
Concen: 243.491 ug/l
RT: 12.970 min Scan# 1873
Delta R.T. -0.006 min
Lab File: VN087423.D
Acq: 28 Jul 2025 11:09

Tgt Ion: 75 Resp: 1922658
Ion Ratio Lower Upper
75 100
77 121.3 0.0 322.6

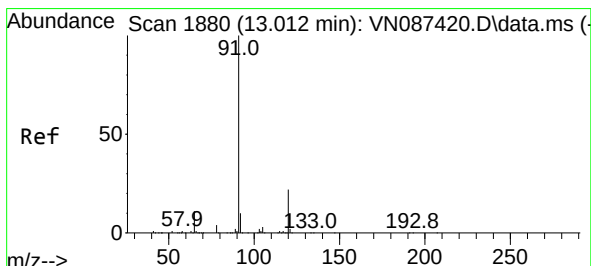
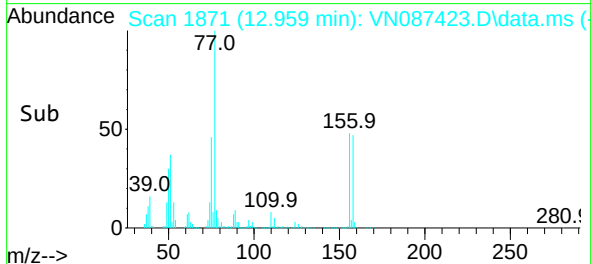
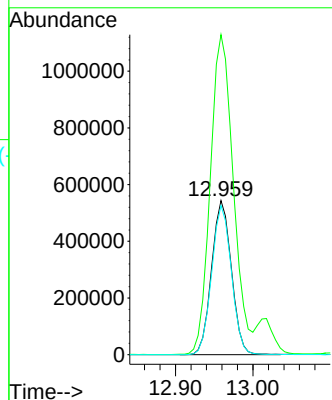
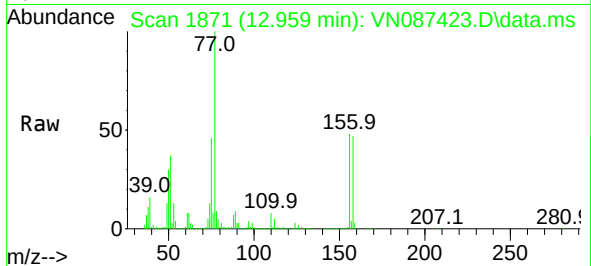




#73
Bromobenzene
Concen: 163.206 ug/l
RT: 12.959 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087423.D
Acq: 28 Jul 2025 11:09

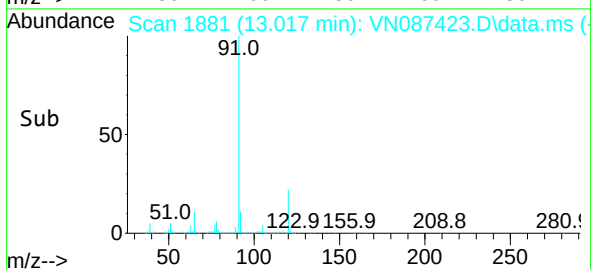
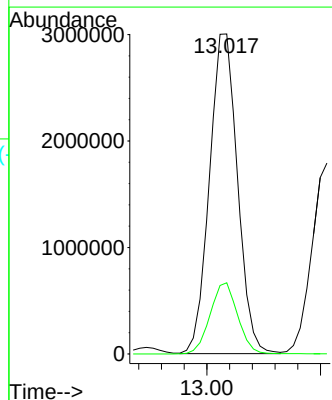
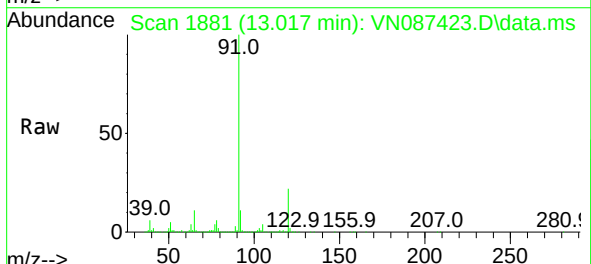
Instrument :
MSVOA_N
ClientSampleId :

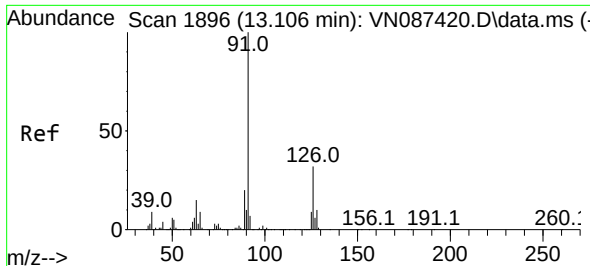
Tgt Ion:156 Resp: 965351
Ion Ratio Lower Upper
156 100
77 241.5 0.0 483.0
158 96.2 0.0 195.0



#74
n-propylbenzene
Concen: 164.012 ug/l
RT: 13.017 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN087423.D
Acq: 28 Jul 2025 11:09

Tgt Ion: 91 Resp: 5155110
Ion Ratio Lower Upper
91 100
120 21.8 0.0 44.0

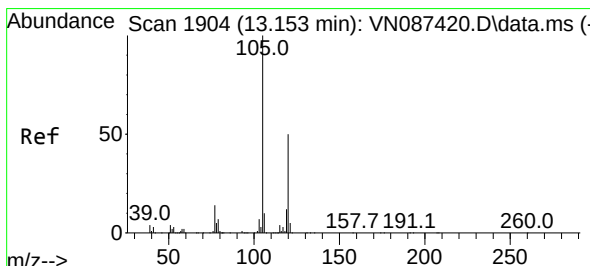
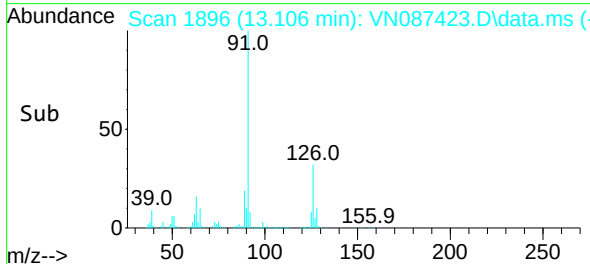
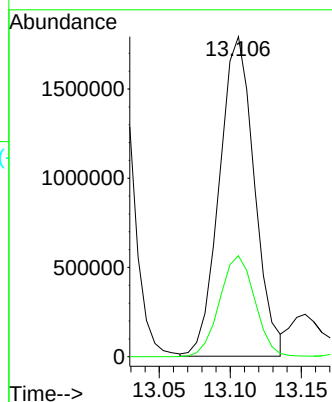
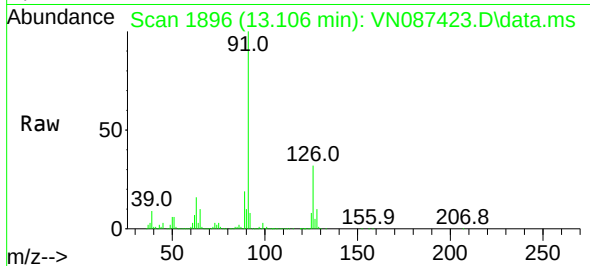




#75
2-Chlorotoluene
Concen: 164.790 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. -0.000 min
Lab File: VN087423.D
Acq: 28 Jul 2025 11:09

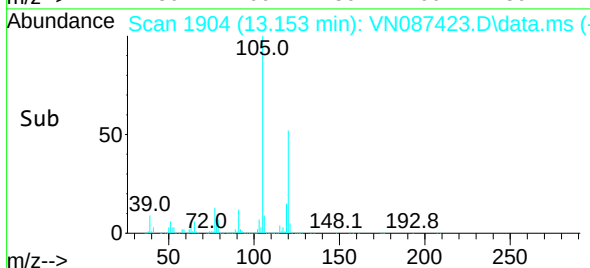
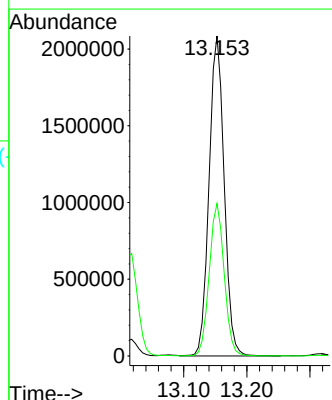
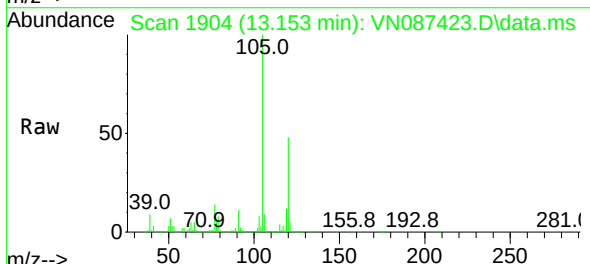
Instrument :
MSVOA_N
ClientSampleId :

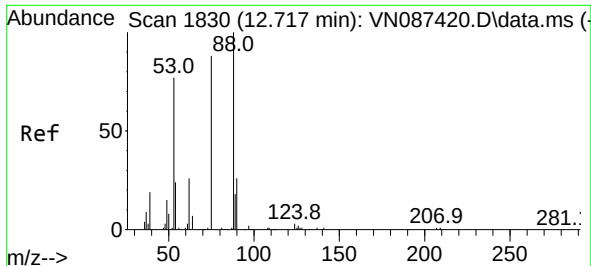
Tgt Ion: 91 Resp: 3073937
Ion Ratio Lower Upper
91 100
126 31.8 0.0 64.4



#76
1,3,5-Trimethylbenzene
Concen: 164.174 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN087423.D
Acq: 28 Jul 2025 11:09

Tgt Ion: 105 Resp: 3462485
Ion Ratio Lower Upper
105 100
120 47.2 0.0 97.0

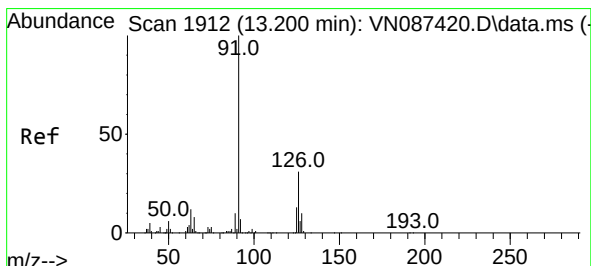
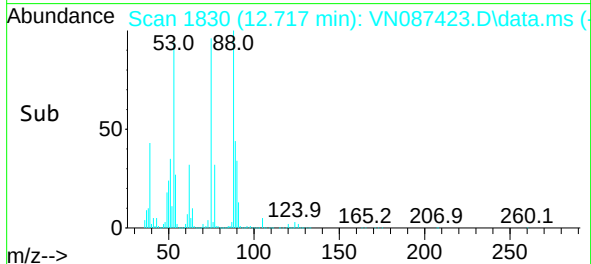
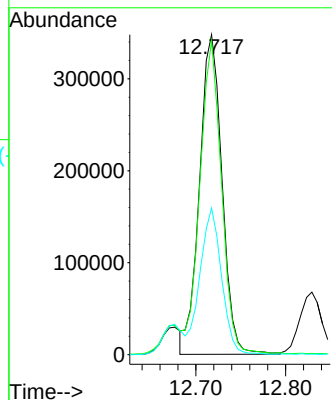
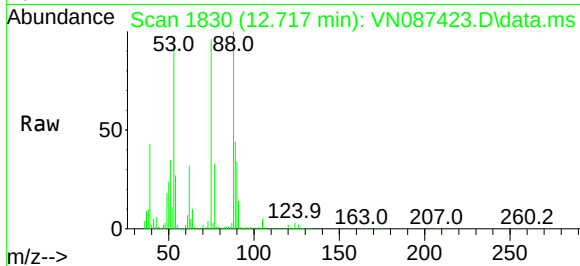




#77
t-1,4-Dichloro-2-butene
Concen: 180.817 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN087423.D
Acq: 28 Jul 2025 11:09

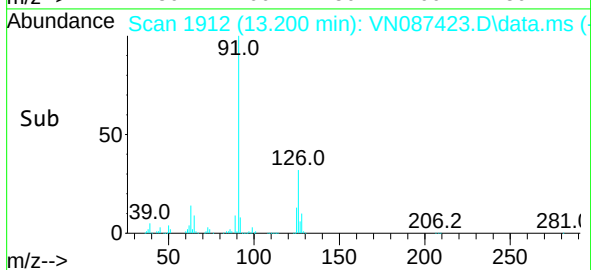
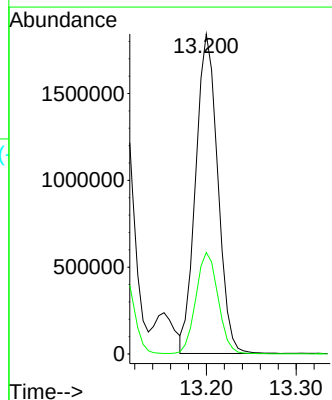
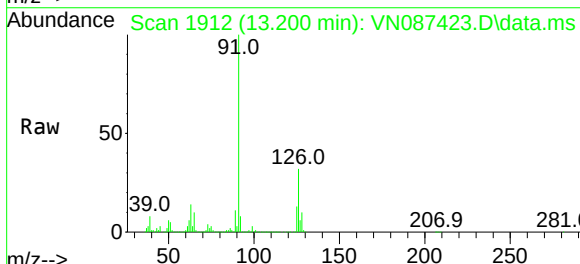
Instrument :
MSVOA_N
ClientSampleId :

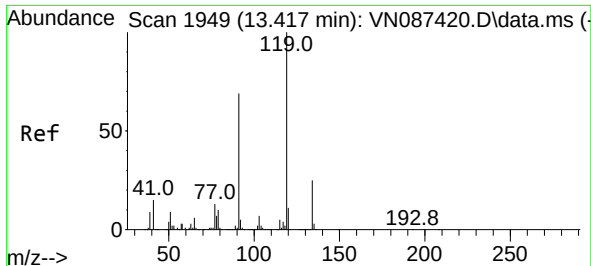
Tgt Ion: 75 Resp: 605847
Ion Ratio Lower Upper
75 100
53 98.0 44.3 132.8
89 45.7 22.4 67.3



#78
4-Chlorotoluene
Concen: 163.593 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087423.D
Acq: 28 Jul 2025 11:09

Tgt Ion: 91 Resp: 3133622
Ion Ratio Lower Upper
91 100
126 32.2 0.0 63.4

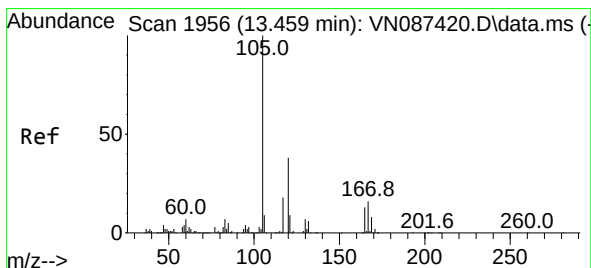
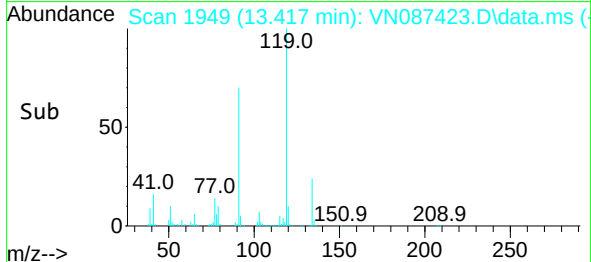
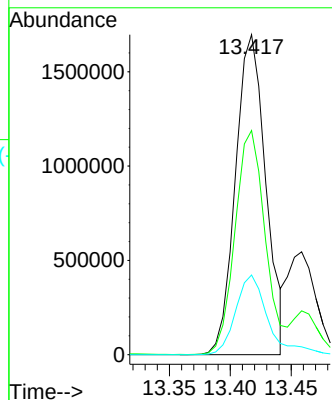
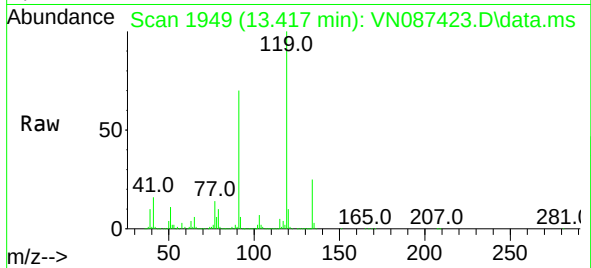




#79
tert-butylbenzene
Concen: 161.644 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VN087423.D
Acq: 28 Jul 2025 11:09

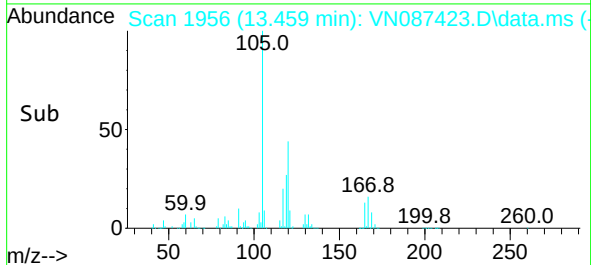
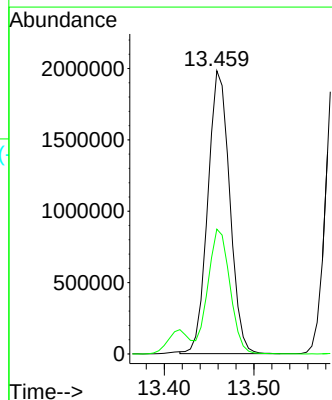
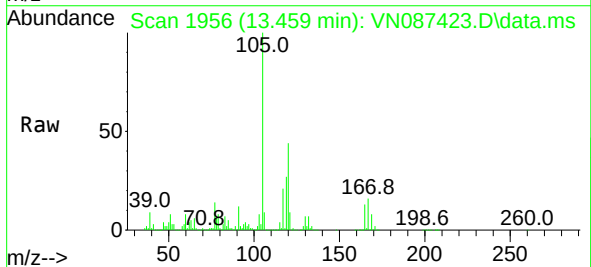
Instrument :
MSVOA_N
ClientSampleId :

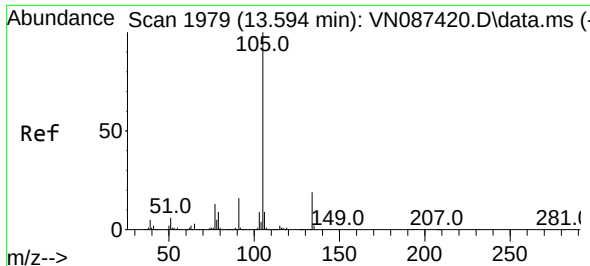
Tgt Ion:119 Resp: 2945071
Ion Ratio Lower Upper
119 100
91 70.2 0.0 135.4
134 26.5 0.0 49.2



#80
1,2,4-Trimethylbenzene
Concen: 160.358 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN087423.D
Acq: 28 Jul 2025 11:09

Tgt Ion:105 Resp: 3355857
Ion Ratio Lower Upper
105 100
120 43.9 0.0 88.6

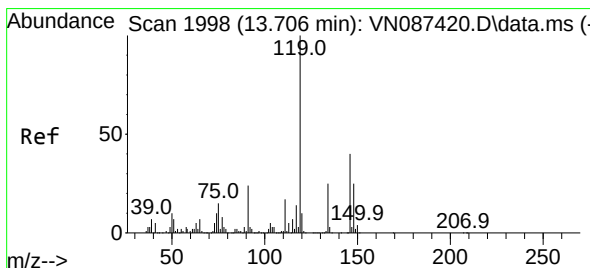
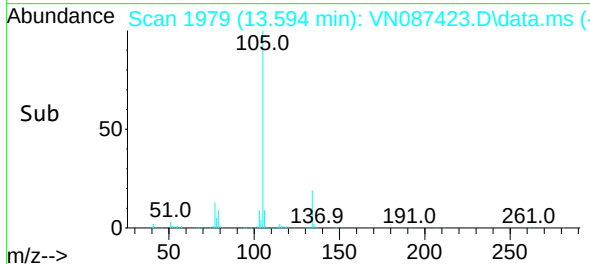
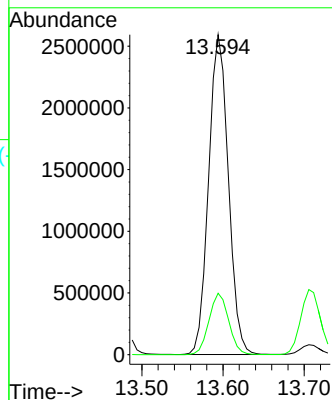
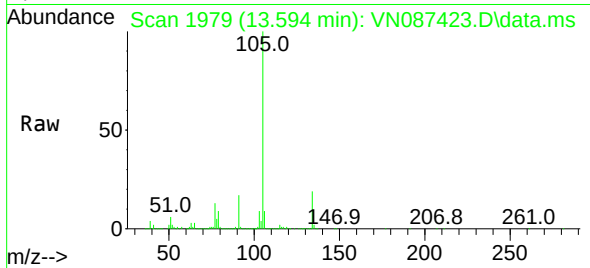




#81
sec-Butylbenzene
Concen: 161.565 ug/l
RT: 13.594 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VN087423.D
Acq: 28 Jul 2025 11:09

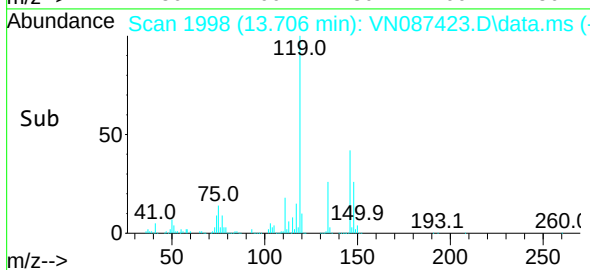
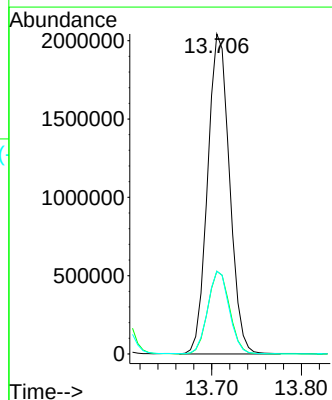
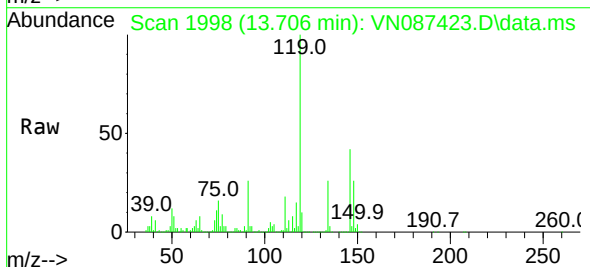
Instrument :
MSVOA_N
ClientSampleId :

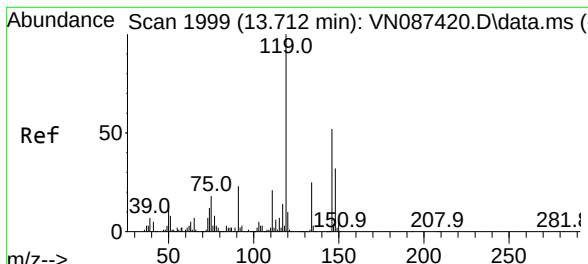
Tgt Ion:105 Resp: 4372437
Ion Ratio Lower Upper
105 100
134 19.2 0.0 39.0



#82
p-Isopropyltoluene
Concen: 157.510 ug/l
RT: 13.706 min Scan# 1998
Delta R.T. -0.000 min
Lab File: VN087423.D
Acq: 28 Jul 2025 11:09

Tgt Ion:119 Resp: 3459843
Ion Ratio Lower Upper
119 100
134 25.7 0.0 50.8
91 25.3 0.0 47.6

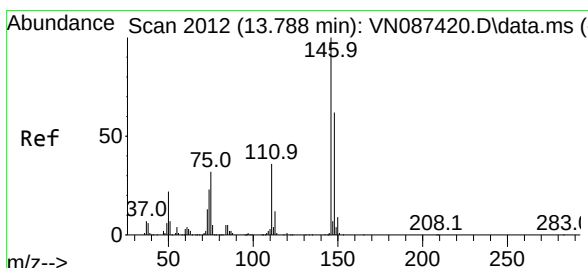
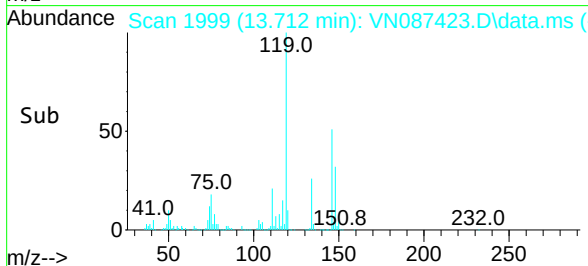
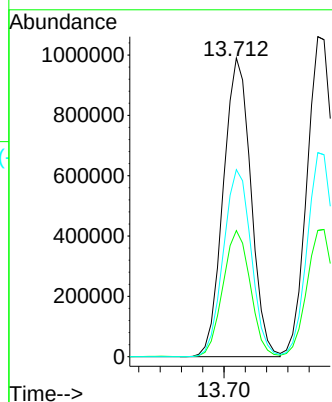
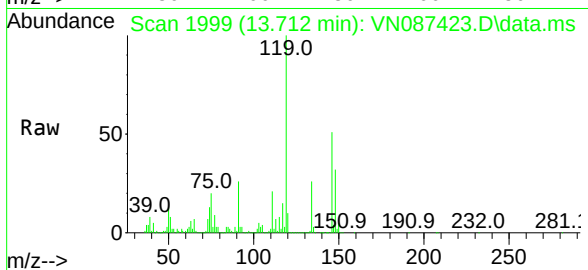




#83
 1,3-Dichlorobenzene
 Concen: 159.068 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN087423.D
 Acq: 28 Jul 2025 11:09

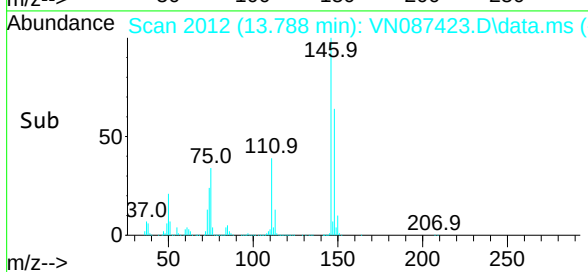
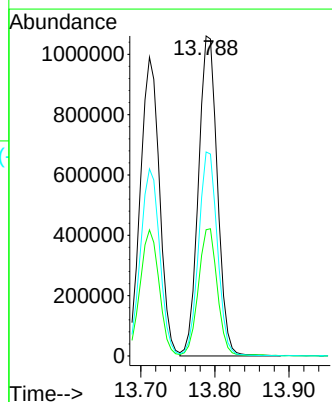
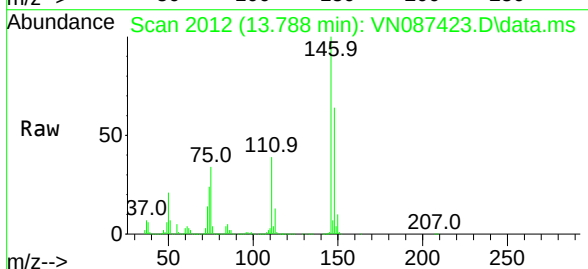
Instrument :
 MSVOA_N
 ClientSampleId :

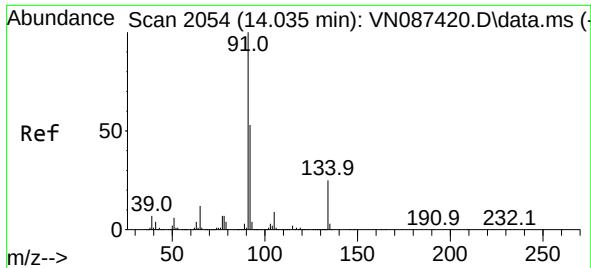
Tgt Ion:146 Resp: 1780579
 Ion Ratio Lower Upper
 146 100
 111 41.9 19.9 59.7
 148 63.2 31.9 95.5



#84
 1,4-Dichlorobenzene
 Concen: 160.816 ug/l
 RT: 13.788 min Scan# 1212
 Delta R.T. -0.000 min
 Lab File: VN087423.D
 Acq: 28 Jul 2025 11:09

Tgt Ion:146 Resp: 1882449
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.1 57.3
 148 63.0 31.4 94.2

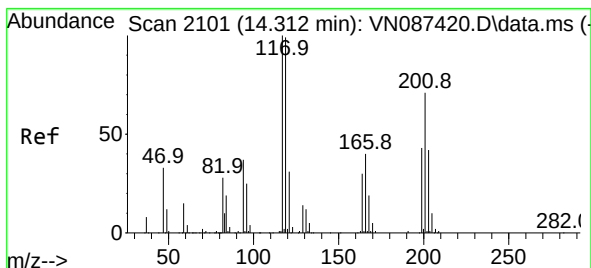
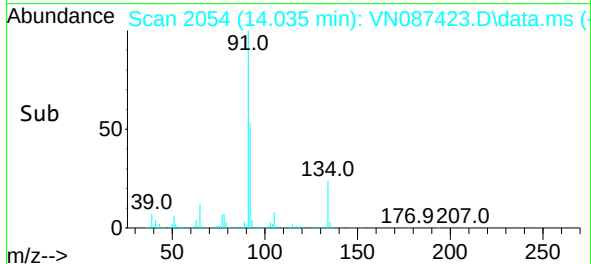
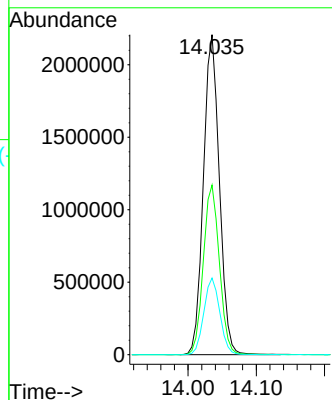
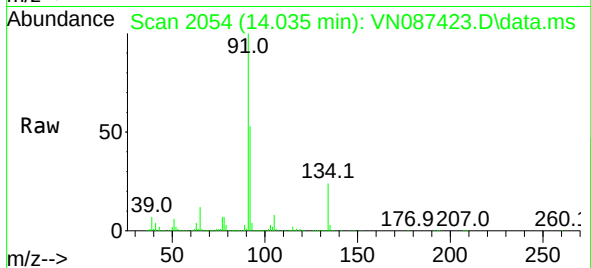




#85
n-Butylbenzene
Concen: 162.216 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. -0.000 min
Lab File: VN087423.D
Acq: 28 Jul 2025 11:09

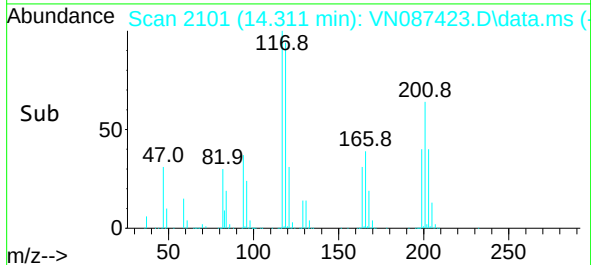
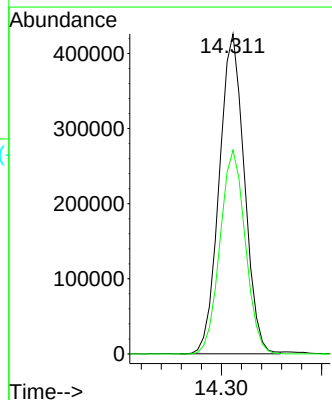
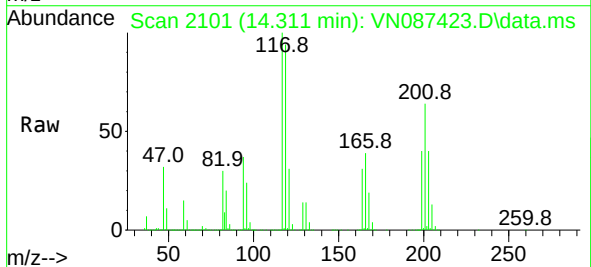
Instrument :
MSVOA_N
ClientSampleId :

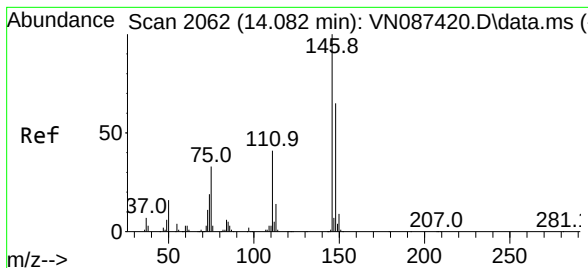
Tgt Ion: 91 Resp: 3588595
Ion Ratio Lower Upper
91 100
92 53.3 0.0 104.8
134 24.0 0.0 49.0



#86
Hexachloroethane
Concen: 165.964 ug/l
RT: 14.311 min Scan# 2101
Delta R.T. -0.000 min
Lab File: VN087423.D
Acq: 28 Jul 2025 11:09

Tgt Ion: 117 Resp: 740407
Ion Ratio Lower Upper
117 100
201 64.1 32.7 98.1





#87

1,2-Dichlorobenzene

Concen: 163.805 ug/l

RT: 14.082 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VN087423.D

Acq: 28 Jul 2025 11:09

Instrument :

MSVOA_N

ClientSampleId :

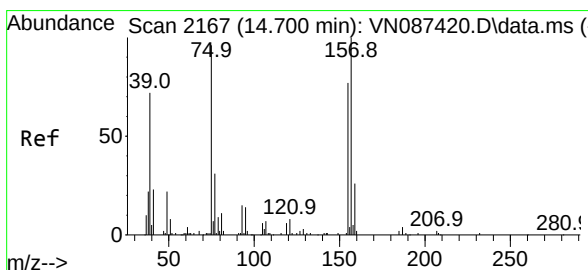
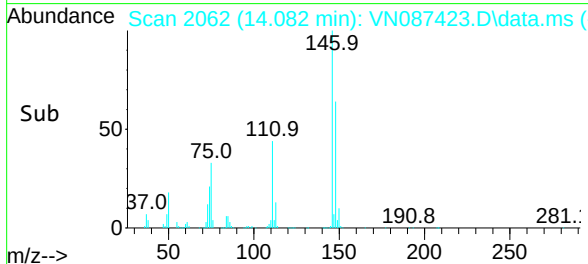
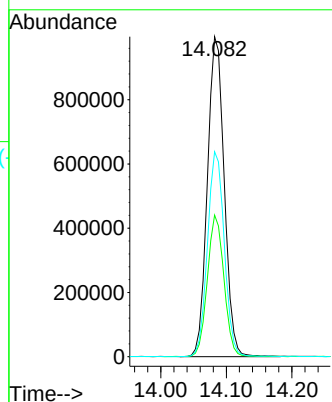
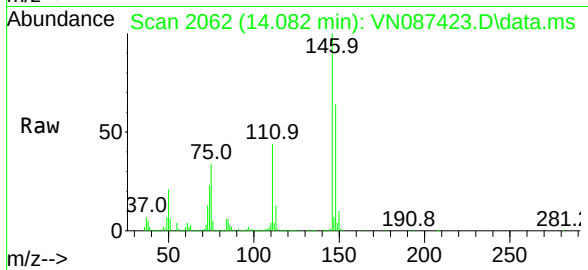
Tgt Ion:146 Resp: 1782463

Ion Ratio Lower Upper

146 100

111 43.4 20.6 61.9

148 63.8 32.5 97.5



#88

1,2-Dibromo-3-Chloropropane

Concen: 164.416 ug/l

RT: 14.700 min Scan# 2167

Delta R.T. -0.000 min

Lab File: VN087423.D

Acq: 28 Jul 2025 11:09

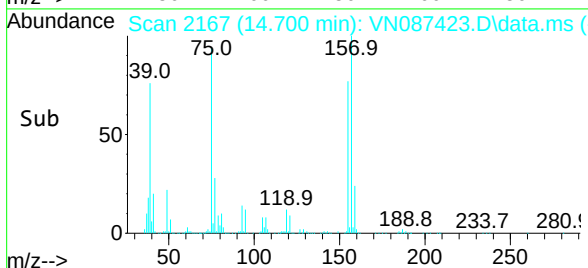
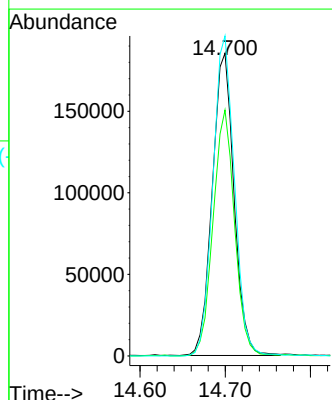
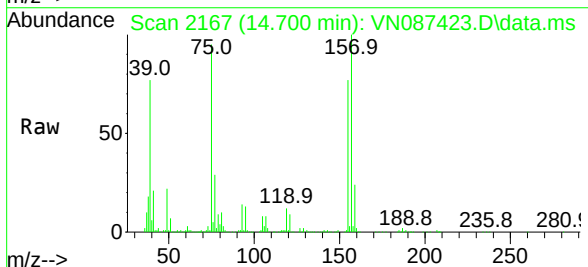
Tgt Ion: 75 Resp: 329431

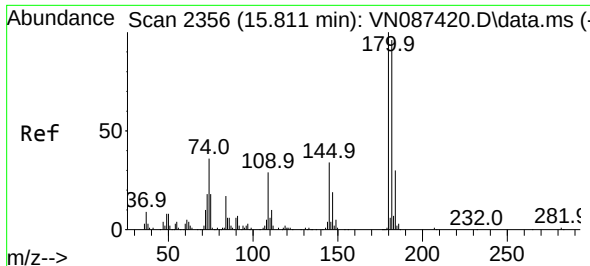
Ion Ratio Lower Upper

75 100

155 80.0 64.4 96.6

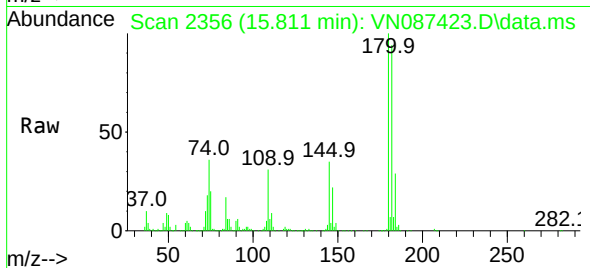
157 104.2 82.3 123.5



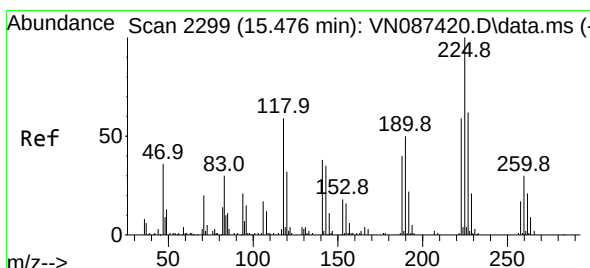
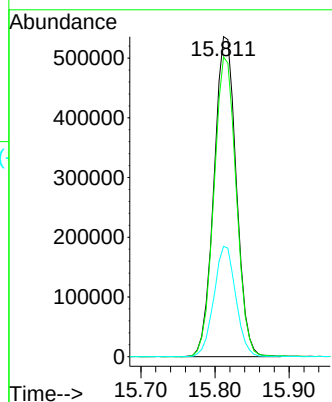
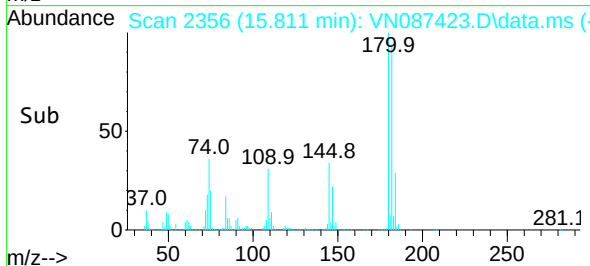


#89
1,2,4-Trichlorobenzene
Concen: 168.458 ug/l
RT: 15.811 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN087423.D
Acq: 28 Jul 2025 11:09

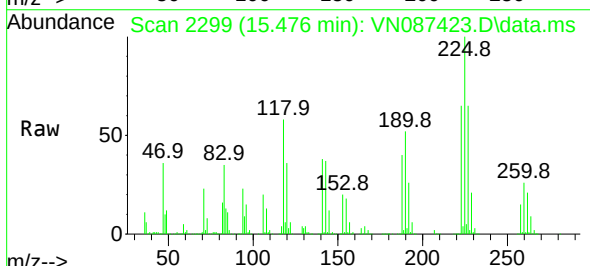
Instrument :
MSVOA_N
ClientSampleId :



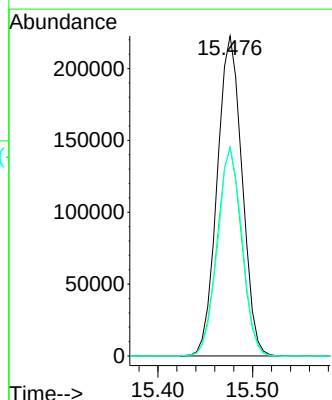
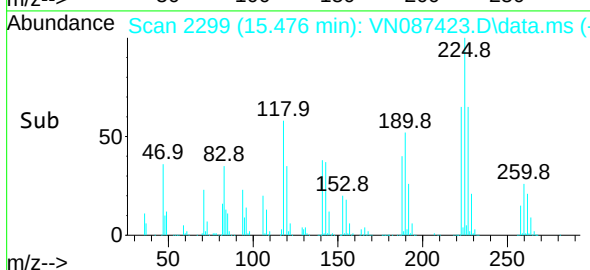
Tgt Ion:180 Resp: 1118050
Ion Ratio Lower Upper
180 100
182 93.5 74.7 112.1
145 34.0 27.4 41.2

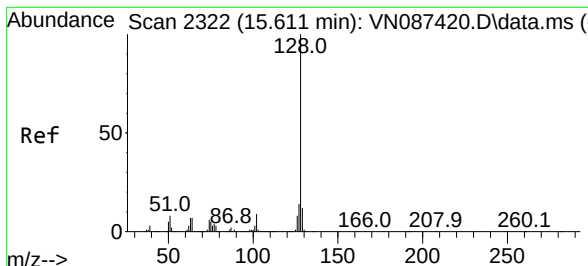


#90
Hexachlorobutadiene
Concen: 161.057 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. -0.000 min
Lab File: VN087423.D
Acq: 28 Jul 2025 11:09



Tgt Ion:225 Resp: 406978
Ion Ratio Lower Upper
225 100
223 64.1 0.0 125.4
227 64.1 0.0 125.0





#91

Naphthalene

Concen: 169.659 ug/l

RT: 15.611 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN087423.D

Acq: 28 Jul 2025 11:09

Instrument :

MSVOA_N

ClientSampleId :

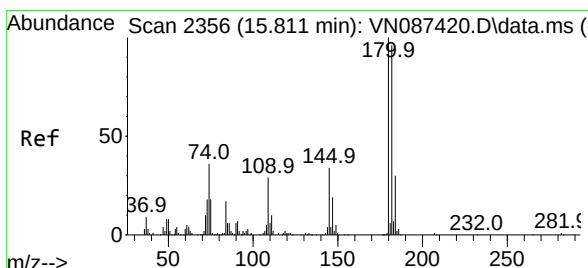
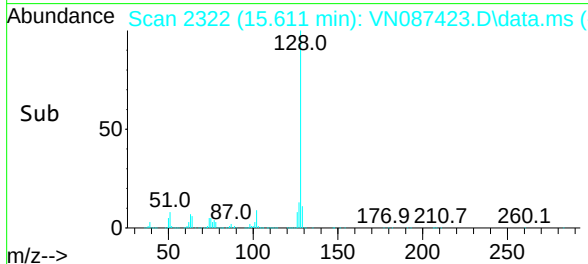
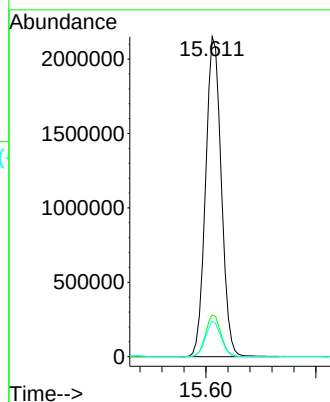
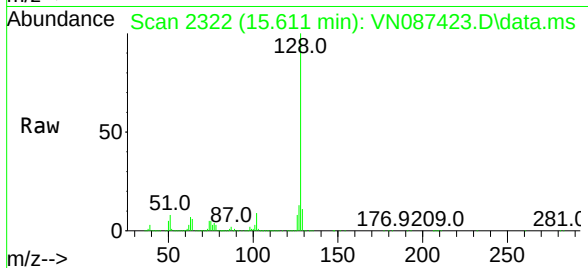
Tgt Ion:128 Resp: 4255804

Ion Ratio Lower Upper

128 100

127 12.9 10.7 16.1

129 10.9 9.1 13.7



#92

1,2,3-Trichlorobenzene

Concen: 168.458 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. -0.000 min

Lab File: VN087423.D

Acq: 28 Jul 2025 11:09

Tgt Ion:180 Resp: 1118050

Ion Ratio Lower Upper

180 100

182 93.5 0.0 186.8

145 34.0 0.0 68.6

