

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072225\
 Data File : VN087391.D
 Acq On : 22 Jul 2025 15:50
 Operator : JC\MD
 Sample : VN0722WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0722WBS02

Quant Time: Jul 23 05:56:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jun 25 10:49:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.800	128	28135	30.000	ug/l	-0.02
28) 1,4-Difluorobenzene	9.088	114	133851	30.000	ug/l	-0.02
57) Chlorobenzene-d5	11.847	117	128141	30.000	ug/l	-0.02
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	68880	32.493	ug/l	-0.02
Spiked Amount	30.000	Range	91 - 110	Recovery	= 108.300%	
60) 4-Bromofluorobenzene	12.829	95	61874	31.291	ug/l	-0.02
Spiked Amount	30.000	Range	63 - 112	Recovery	= 104.300%	
63) Toluene-d8	10.547	98	169859	29.523	ug/l	-0.02
Spiked Amount	30.000	Range	91 - 112	Recovery	= 98.400%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.148	85	21144	12.485	ug/l	94
3) Chloromethane	2.389	50	21961	12.695	ug/l	99
4) Vinyl Chloride	2.542	62	26414	14.050	ug/l	98
5) Bromomethane	2.983	94	16889	16.927	ug/l	95
6) Chloroethane	3.142	64	21319	21.139	ug/l	99
7) Trichlorofluoromethane	3.518	101	47616	20.648	ug/l	99
8) Diethyl Ether	3.965	74	19829	17.501	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.371	101	13675	7.998	ug/l #	23
10) 1,1-Dichloroethene	4.330	96	25377	14.890	ug/l #	81
11) Methyl Iodide	4.583	142	16121	10.558	ug/l	83
12) Methyl Acetate	5.018	43	43182	16.153	ug/l	92
13) Acrolein	4.177	56	37098	90.311	ug/l	91
14) Acrylonitrile	5.712	53	84116	67.457	ug/l	98
15) Acetone	4.430	58	36133	99.339	ug/l	77
16) Carbon Disulfide	4.706	76	56857	11.410	ug/l	97
17) Allyl chloride	5.018	41	35780	12.728	ug/l	96
18) Methylene Chloride	5.265	84	18053	9.144	ug/l	97
19) trans-1,2-Dichloroethene	5.771	96	26040	13.971	ug/l	90
20) Diisopropyl ether	6.665	45	91137	15.281	ug/l	94
21) 1,1-Dichloroethane	6.553	63	52262	14.662	ug/l	97
22) cis-1,2-Dichloroethene	7.477	96	31044	14.311	ug/l	99
23) tert-Butyl Alcohol	5.524	59	30316	64.647	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	90839	15.197	ug/l	96
25) Chloroform	7.953	83	56306	16.488	ug/l	97
26) Cyclohexane	8.241	56	31365	10.586	ug/l #	90
29) 1,1-Dichloropropene	8.353	75	33546	16.080	ug/l	99
30) 2-Butanone	7.471	43	125628	89.269	ug/l	96
31) 2,2-Dichloropropane	7.477	77	48366	19.205	ug/l #	77
32) 1,1,1-Trichloroethane	8.147	97	47398	19.447	ug/l	98
33) Carbon Tetrachloride	8.347	117	41247	20.110	ug/l	95
34) Benzene	8.588	78	111316	16.842	ug/l	98
35) Methacrylonitrile	7.771	41	24739	17.443	ug/l	97
36) 1,2-Dichloroethane	8.653	62	45393	21.257	ug/l	98
37) Trichloroethene	9.335	130	26174	17.169	ug/l	87
38) Methylcyclohexane	9.582	83	30645	12.802	ug/l	94
39) 1,2-Dichloropropane	9.600	63	29498	17.782	ug/l	95
40) Dibromomethane	9.688	93	23266	20.626	ug/l	94
41) Bromodichloromethane	9.871	83	45953	20.183	ug/l	97
42) Vinyl Acetate	6.588	43	374368	81.789	ug/l	98

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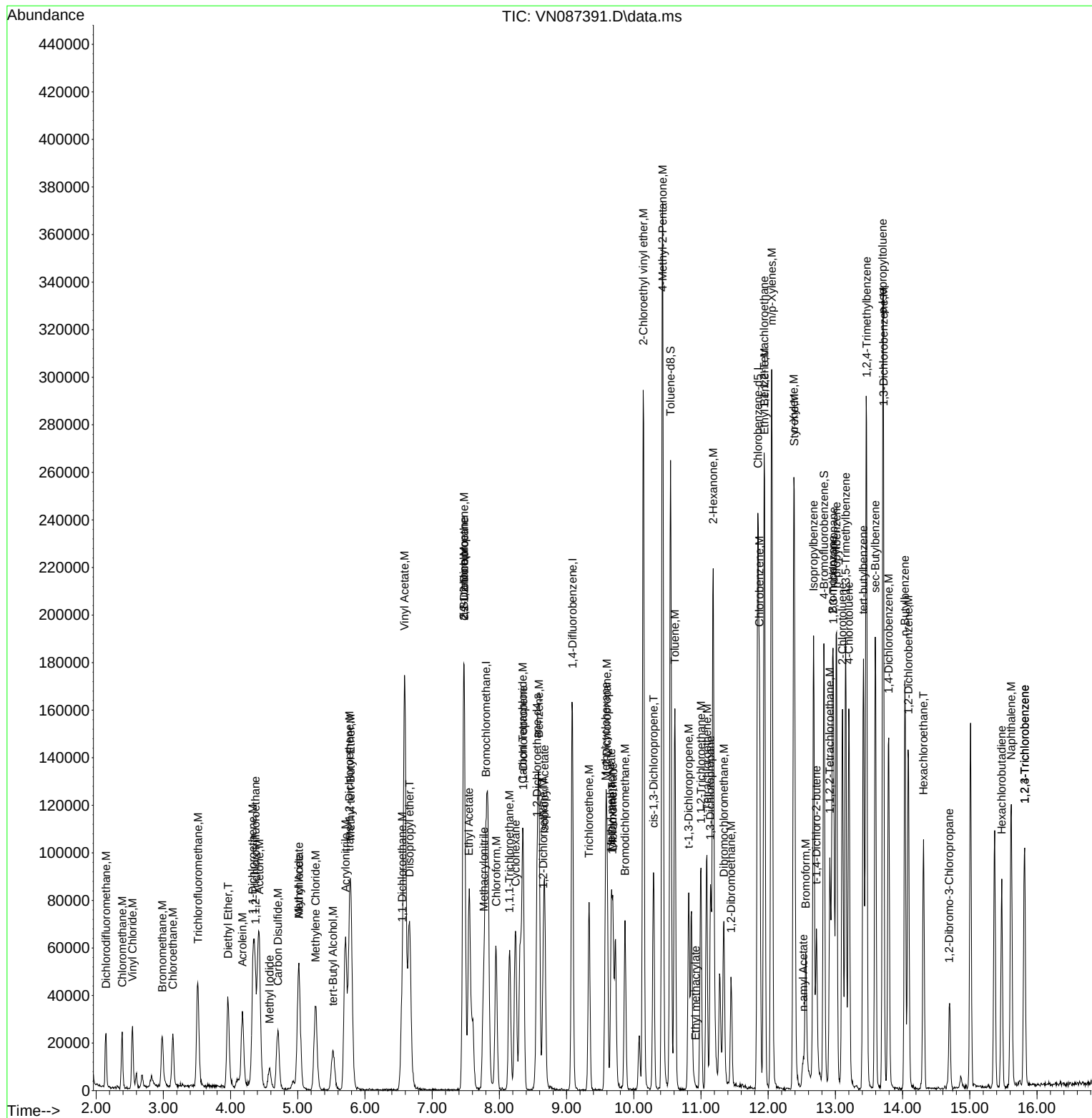
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	16094	6.335	ug/l #	29
44) Isopropyl Acetate	8.671	43	76758	18.544	ug/l	96
45) 1,4-Dioxane	9.682	88	10439	372.826	ug/l #	89
46) Methyl methacrylate	9.665	41	34534	17.947	ug/l	91
47) n-amyl Acetate	12.523	43	1873	0.740	ug/l #	100
48) t-1,3-Dichloropropene	10.818	75	44305	17.455	ug/l	96
49) cis-1,3-Dichloropropene	10.294	75	45992	17.045	ug/l	92
50) 1,1,2-Trichloroethane	11.000	97	29296	18.283	ug/l	95
51) Ethyl methacrylate	10.918	69	547	0.224	ug/l	83
52) 1,3-Dichloropropane	11.141	76	49006	17.814	ug/l	98
53) Dibromochloromethane	11.341	129	35342	21.012	ug/l	97
54) 1,2-Dibromoethane	11.447	107	28802	17.422	ug/l	94
55) 2-Chloroethyl vinyl ether	10.141	63	127073	90.900	ug/l	100
56) Bromoform	12.559	173	22156	19.162	ug/l #	94
58) 4-Methyl-2-Pentanone	10.429	43	250236	97.137	ug/l	95
59) 2-Hexanone	11.182	43	165334	99.392	ug/l	88
61) Tetrachloroethene	11.088	164	21223	16.724	ug/l	93
62) Toluene	10.612	91	116231	16.060	ug/l	99
64) Chlorobenzene	11.870	112	76559	16.584	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.941	131	29105	19.081	ug/l	96
66) Ethyl Benzene	11.947	91	121606	15.351	ug/l	98
67) m/p-Xylenes	12.053	106	97084	31.983	ug/l	98
68) o-Xylene	12.382	106	44422	15.339	ug/l	99
69) Styrene	12.388	104	77788	15.646	ug/l	98
70) Isopropylbenzene	12.676	105	115616	16.030	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.917	83	46649	17.969	ug/l	97
72) 1,2,3-Trichloropropane	12.970	75	59818	26.719	ug/l	48
73) Bromobenzene	12.959	156	30882	17.651	ug/l	89
74) n-propylbenzene	13.017	91	149770	16.997	ug/l	100
75) 2-Chlorotoluene	13.106	91	89057	16.729	ug/l	95
76) 1,3,5-Trimethylbenzene	13.153	105	102068	17.383	ug/l	98
77) t-1,4-Dichloro-2-butene	12.717	75	14584	14.686	ug/l	89
78) 4-Chlorotoluene	13.200	91	96524	17.704	ug/l	100
79) tert-butylbenzene	13.417	119	84143	17.048	ug/l	99
80) 1,2,4-Trimethylbenzene	13.464	105	101815	17.268	ug/l	100
81) sec-Butylbenzene	13.594	105	123772	17.251	ug/l	100
82) p-Isopropyltoluene	13.706	119	103843	17.392	ug/l	98
83) 1,3-Dichlorobenzene	13.717	146	61115	18.140	ug/l	99
84) 1,4-Dichlorobenzene	13.794	146	62712	18.495	ug/l	98
85) n-Butylbenzene	14.035	91	92646	17.006	ug/l	99
86) Hexachloroethane	14.311	117	21536	19.054	ug/l	93
87) 1,2-Dichlorobenzene	14.088	146	59011	18.576	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.694	75	10110	17.294	ug/l	95
89) 1,2,4-Trichlorobenzene	15.817	180	33674	18.736	ug/l	96
90) Hexachlorobutadiene	15.476	225	14823	27.793	ug/l	96
91) Naphthalene	15.617	128	111303	15.735	ug/l	100
92) 1,2,3-Trichlorobenzene	15.817	180	33674	18.736	ug/l	96

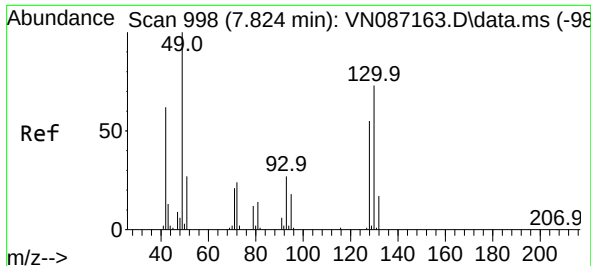
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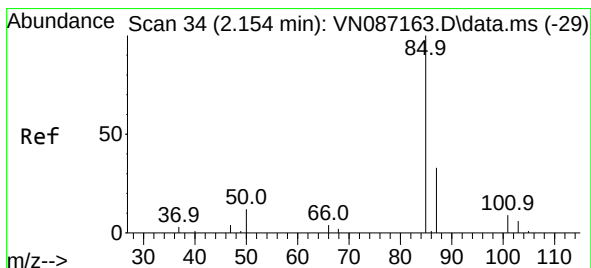
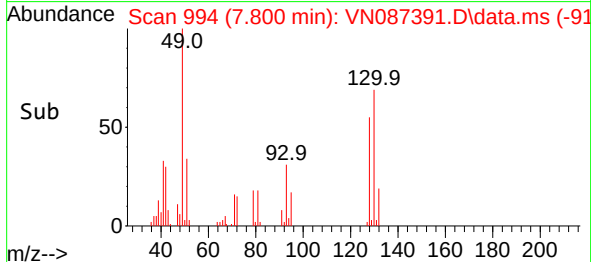
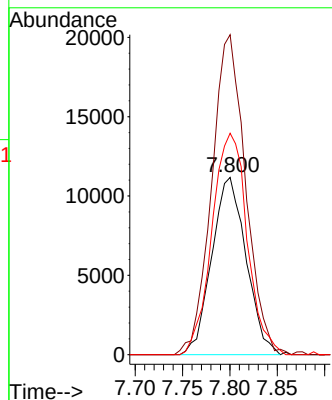
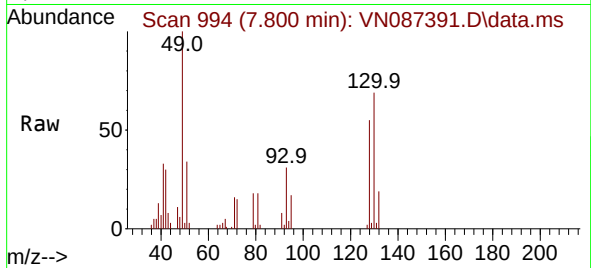




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 91
Delta R.T. -0.024 min
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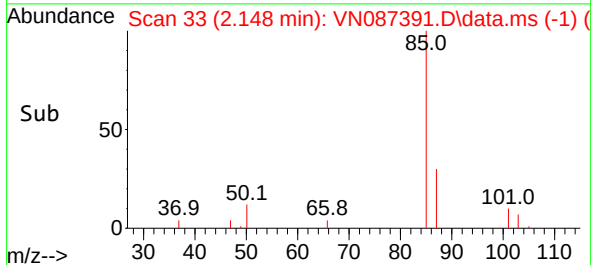
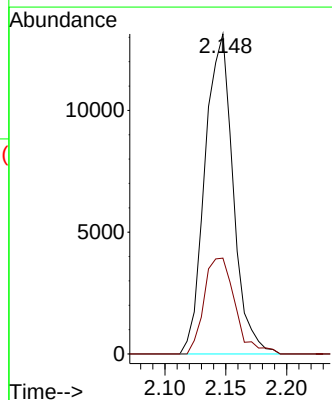
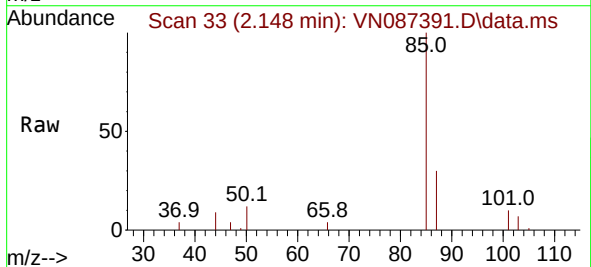
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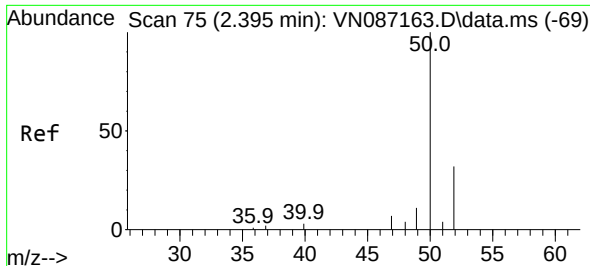
Tgt Ion:128 Resp: 28135
Ion Ratio Lower Upper
128 100
49 177.5 0.0 450.5
130 128.3 0.0 320.7



#2
Dichlorodifluoromethane
Concen: 12.485 ug/l
RT: 2.148 min Scan# 33
Delta R.T. -0.006 min
Lab File: VN087391.D
Acq: 22 Jul 2025 15:50

Tgt Ion: 85 Resp: 21144
Ion Ratio Lower Upper
85 100
87 29.9 16.7 50.0

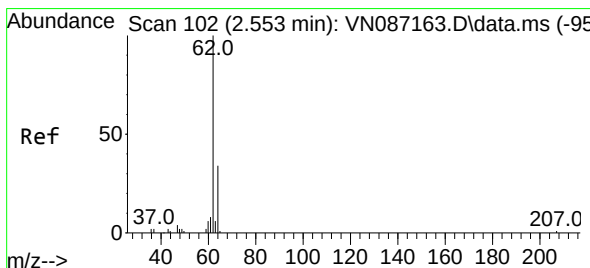
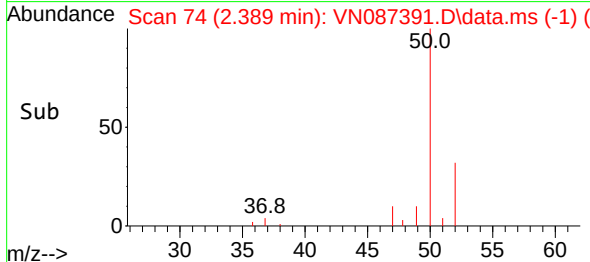
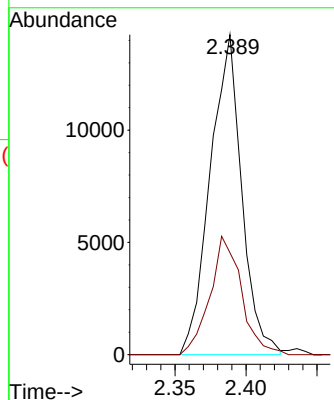
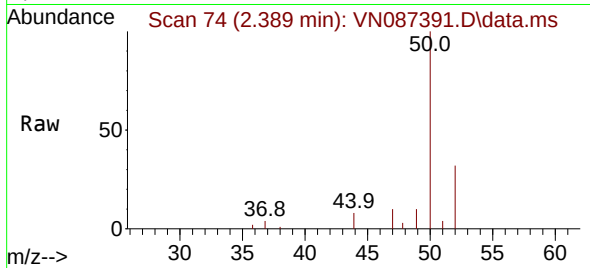




#3
Chloromethane
Concen: 12.695 ug/l
RT: 2.389 min Scan# 74
Delta R.T. -0.006 min
Lab File: VN087391.D
Acq: 22 Jul 2025 15:50

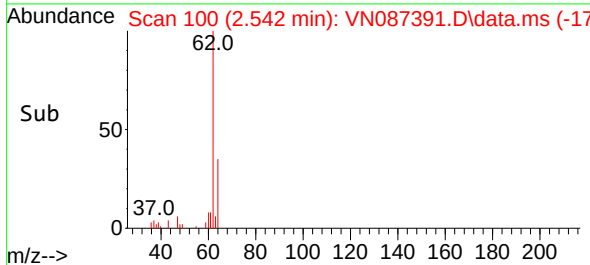
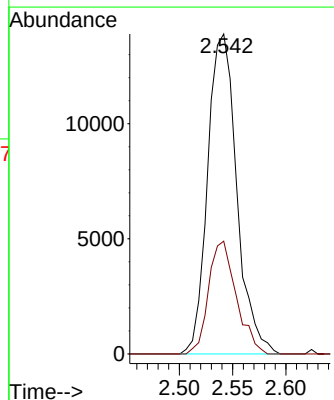
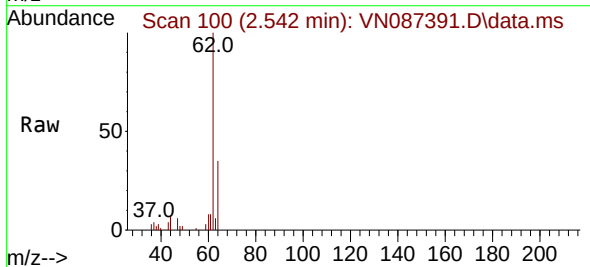
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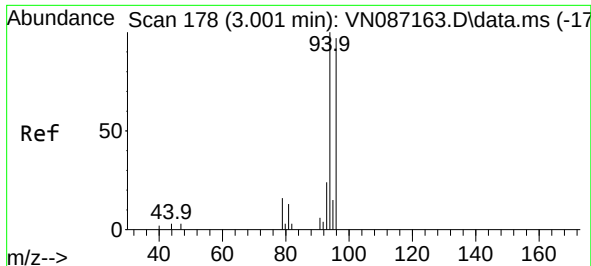
Tgt Ion: 50 Resp: 21961
Ion Ratio Lower Upper
50 100
52 31.8 25.9 38.9



#4
Vinyl Chloride
Concen: 14.050 ug/l
RT: 2.542 min Scan# 100
Delta R.T. -0.012 min
Lab File: VN087391.D
Acq: 22 Jul 2025 15:50

Tgt Ion: 62 Resp: 26414
Ion Ratio Lower Upper
62 100
64 35.2 27.4 41.2

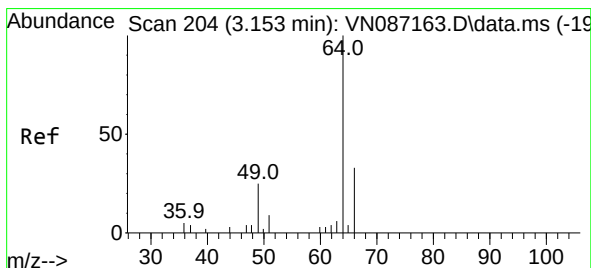
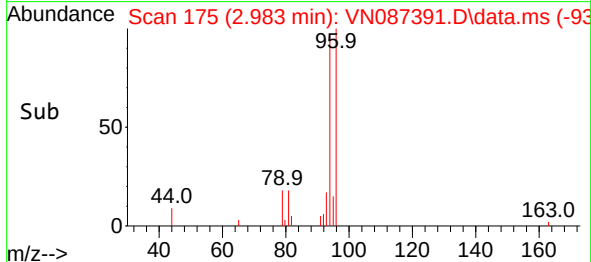
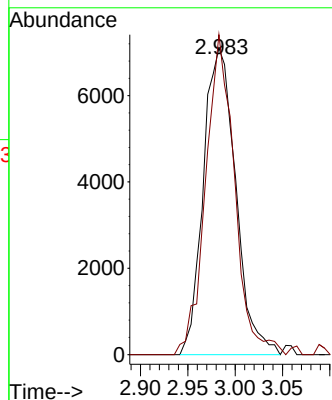
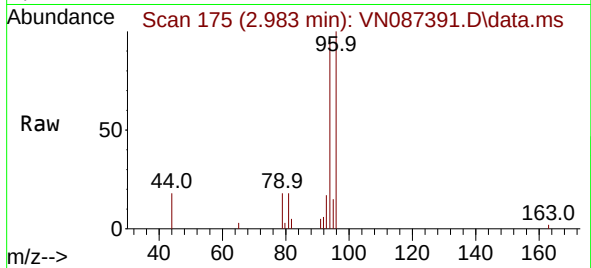




#5
Bromomethane
Concen: 16.927 ug/l
RT: 2.983 min Scan# 11
Delta R.T. -0.018 min
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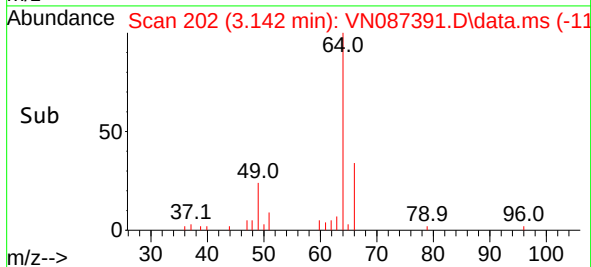
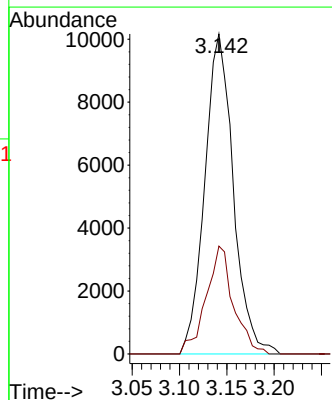
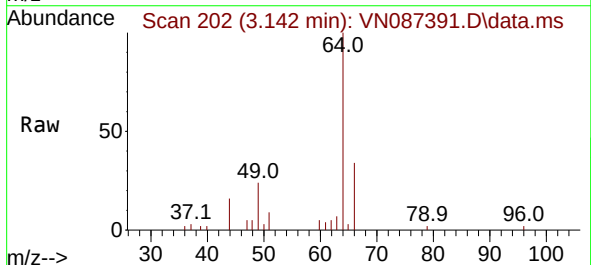
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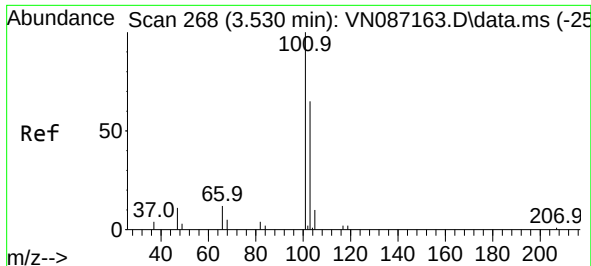
Tgt Ion: 94 Resp: 16889
Ion Ratio Lower Upper
94 100
96 102.2 77.9 116.9



#6
Chloroethane
Concen: 21.139 ug/l
RT: 3.142 min Scan# 202
Delta R.T. -0.012 min
Lab File: VN087391.D
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Tgt Ion: 64 Resp: 21319
Ion Ratio Lower Upper
64 100
66 33.7 26.4 39.6

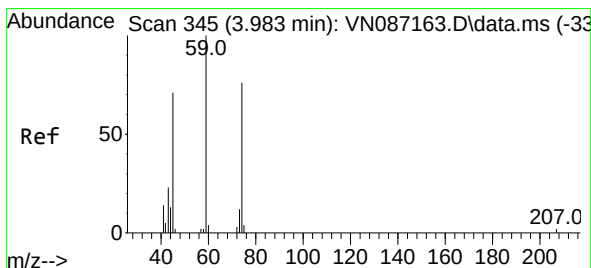
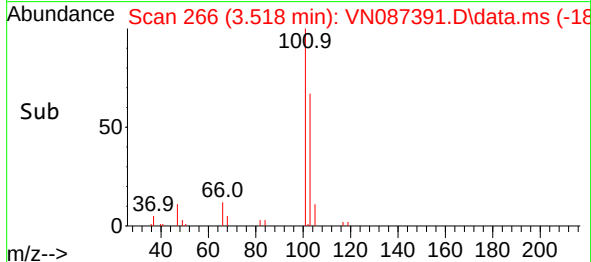
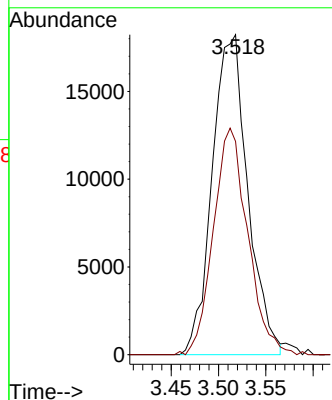
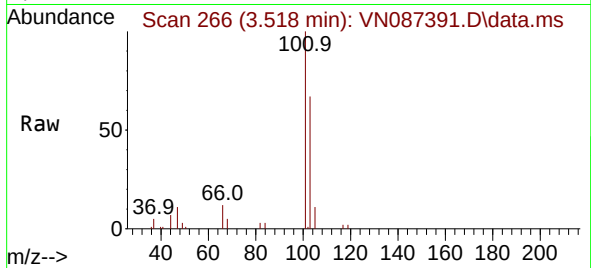




#7
Trichlorofluoromethane
Concen: 20.648 ug/l
RT: 3.518 min Scan# 20
Delta R.T. -0.012 min
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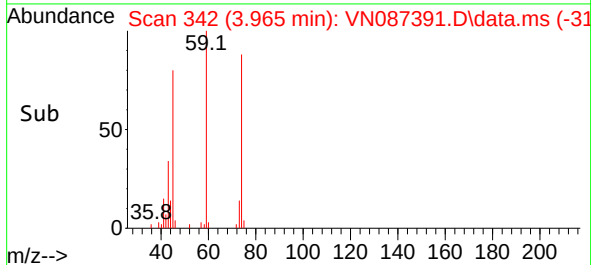
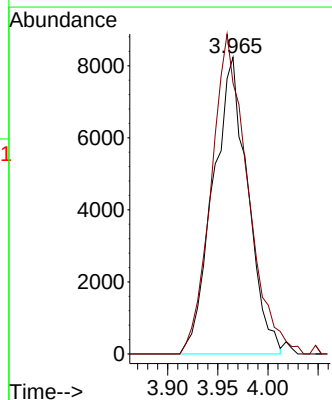
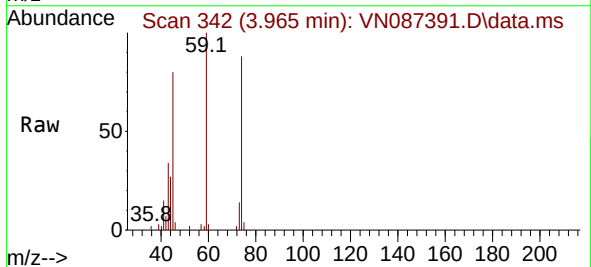
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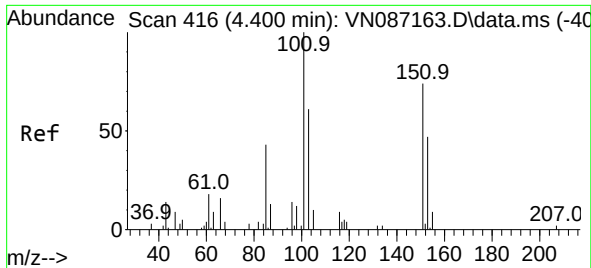
Tgt Ion:101 Resp: 47616
Ion Ratio Lower Upper
101 100
103 65.6 51.8 77.8



#8
Diethyl Ether
Concen: 17.501 ug/l
RT: 3.965 min Scan# 342
Delta R.T. -0.018 min
Lab File: VN087391.D
Acq: 22 Jul 2025 15:50

Tgt Ion: 74 Resp: 19829
Ion Ratio Lower Upper
74 100
45 112.9 19.0 171.0

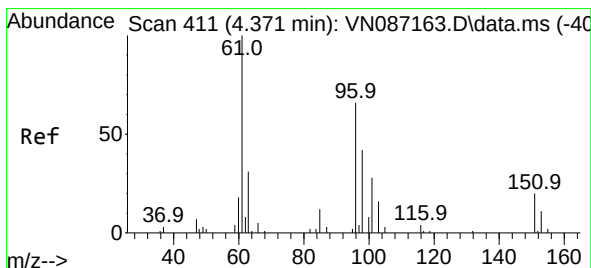
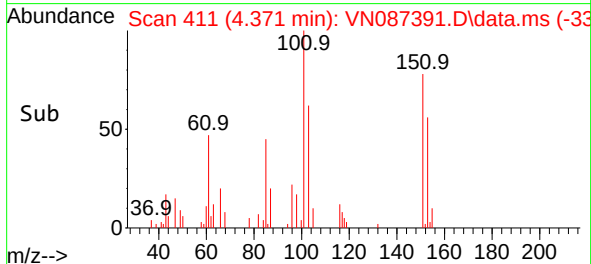
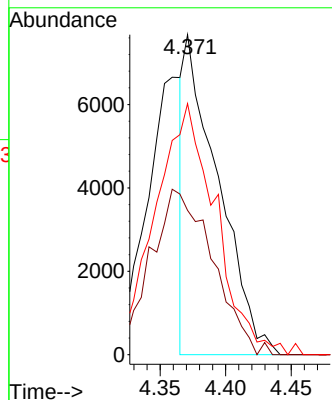
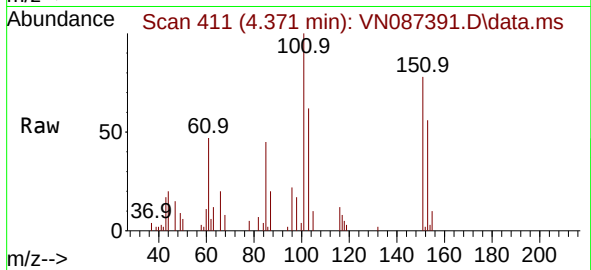




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 7.998 ug/l
 RT: 4.371 min Scan# 41
 Delta R.T. -0.029 min
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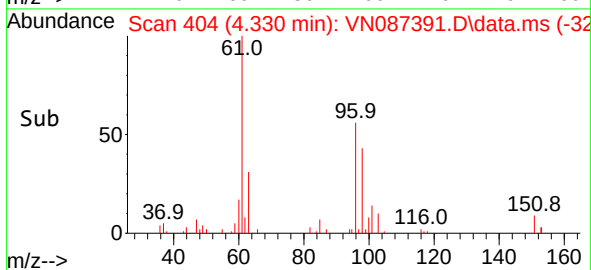
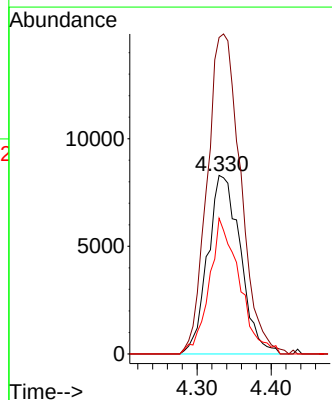
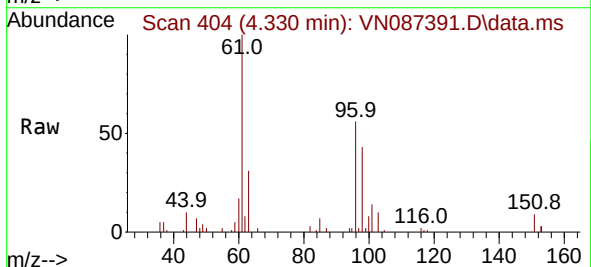
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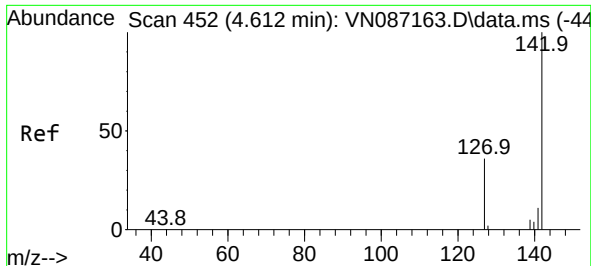
Tgt Ion:101 Resp: 13675
 Ion Ratio Lower Upper
 101 100
 85 0.0 0.0 40.6
 151 141.8 0.0 141.2#



#10
 1,1-Dichloroethene
 Concen: 14.890 ug/l
 RT: 4.330 min Scan# 404
 Delta R.T. -0.041 min
 Lab File: VN087391.D
 Acq: 22 Jul 2025 15:50

Tgt Ion: 96 Resp: 25377
 Ion Ratio Lower Upper
 96 100
 61 177.3 122.0 183.0
 98 76.0 50.3 75.5#

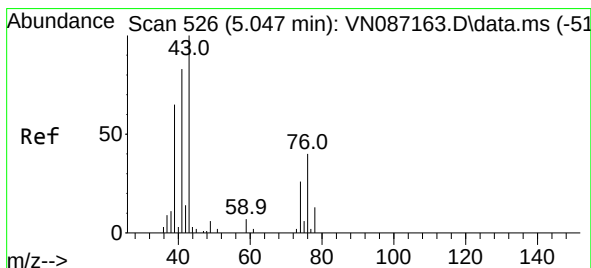
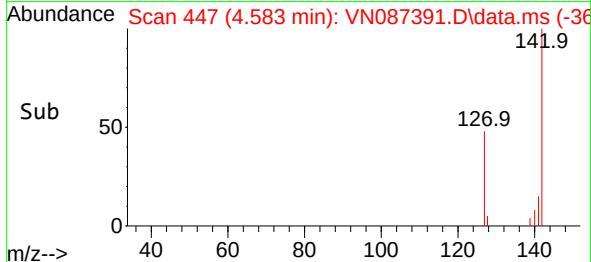
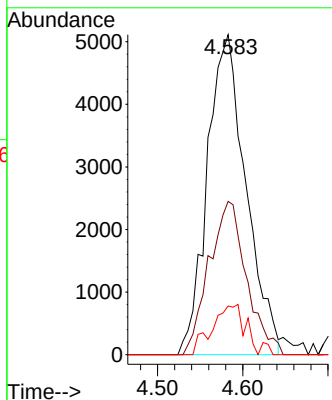
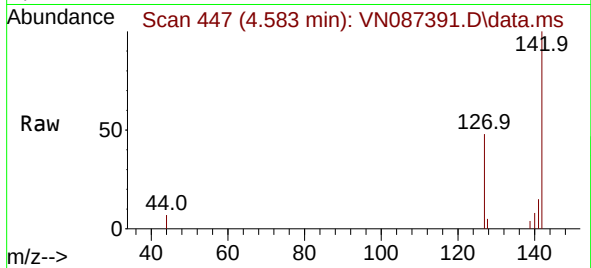




#11
Methyl Iodide
Concen: 10.558 ug/l
RT: 4.583 min Scan# 44
Delta R.T. -0.029 min
Lab File: VN087391.D
Acq: 22 Jul 2025 15:50

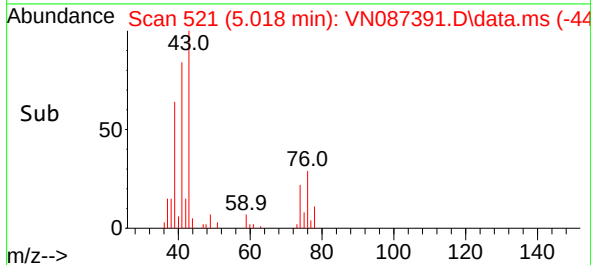
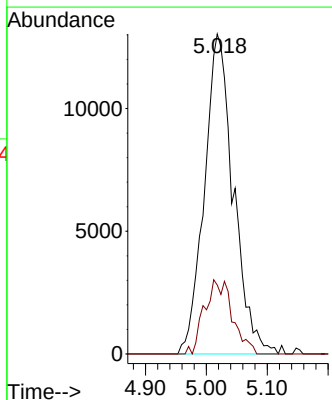
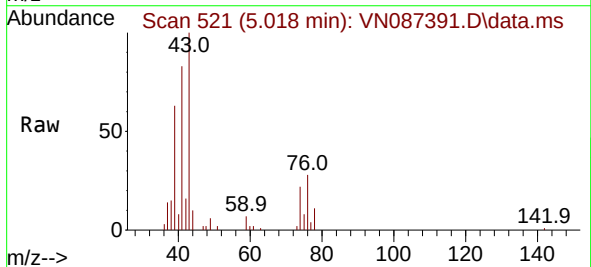
Instrument :
MSVOA_N
ClientSampleId :
VN0722WBS02

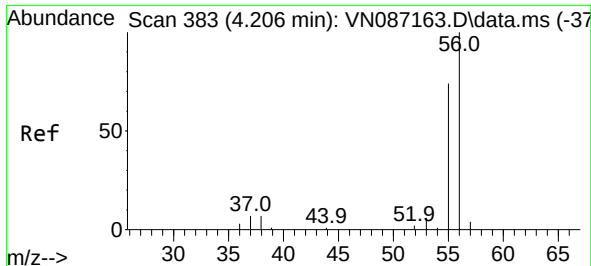
Tgt Ion:142 Resp: 16121
Ion Ratio Lower Upper
142 100
127 47.2 18.1 54.1
141 15.6 5.7 17.1



#12
Methyl Acetate
Concen: 16.153 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.029 min
Lab File: VN087391.D
Acq: 22 Jul 2025 15:50

Tgt Ion: 43 Resp: 43182
Ion Ratio Lower Upper
43 100
74 21.6 20.3 30.5

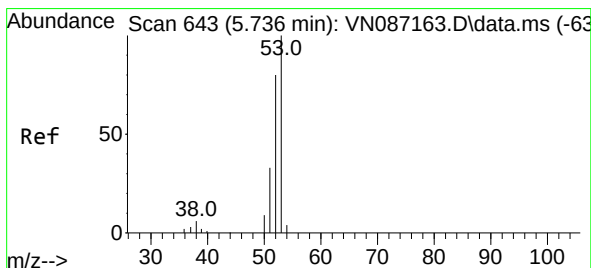
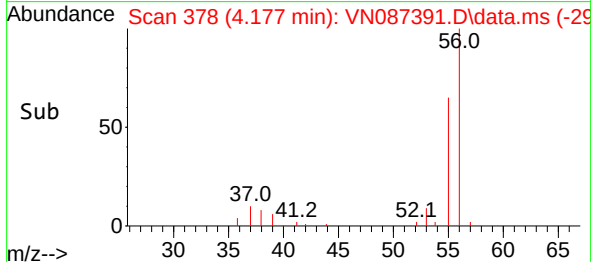
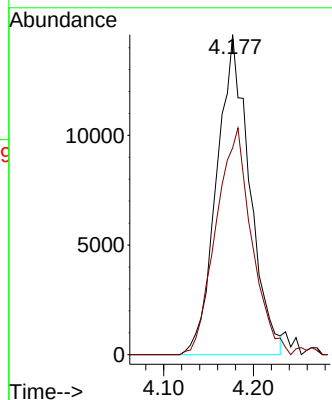
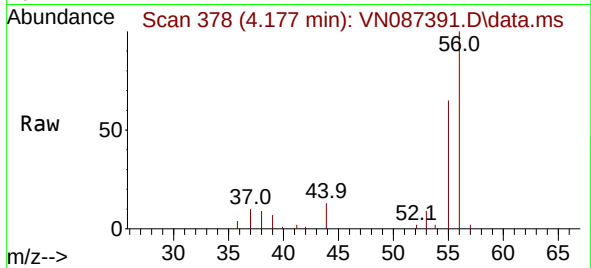




#13
Acrolein
Concen: 90.311 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.029 min
Lab File: VN087391.D
Acq: 22 Jul 2025 15:50

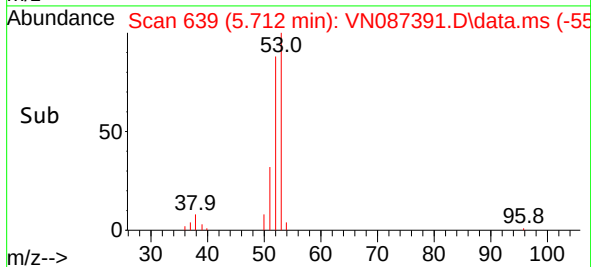
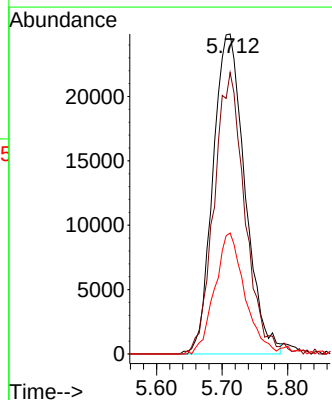
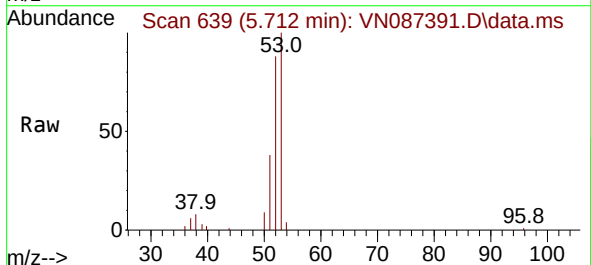
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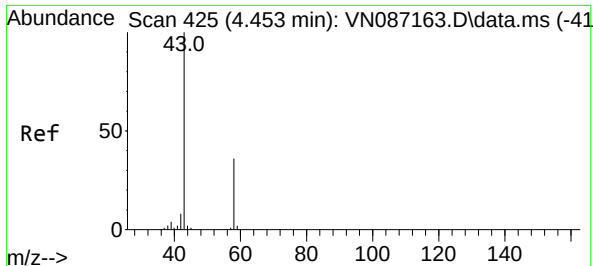
Tgt Ion: 56 Resp: 37098
Ion Ratio Lower Upper
56 100
55 76.9 55.7 83.5



#14
Acrylonitrile
Concen: 67.457 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.024 min
Lab File: VN087391.D
Acq: 22 Jul 2025 15:50

Tgt Ion: 53 Resp: 84116
Ion Ratio Lower Upper
53 100
52 82.5 40.5 121.5
51 35.3 16.9 50.7





#15

Acetone

Concen: 99.339 ug/l

RT: 4.430 min Scan# 41

Delta R.T. -0.024 min

Lab File: VN087391.D

Acq: 22 Jul 2025 15:50

Instrument :

MSVOA_N

ClientSampleId :

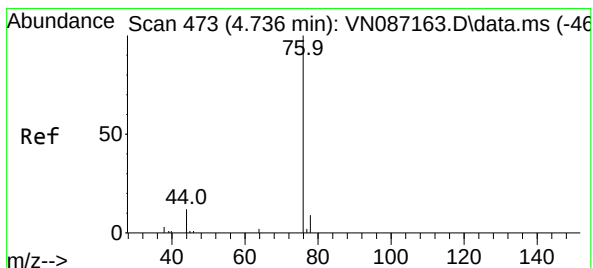
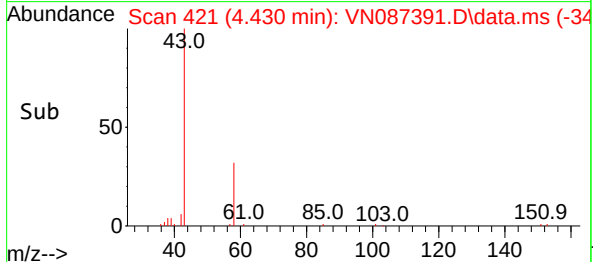
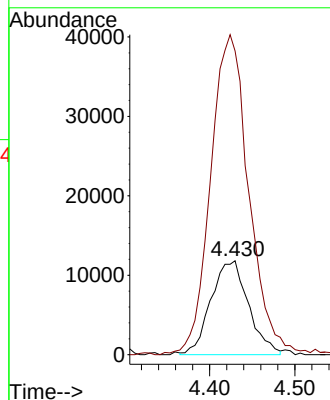
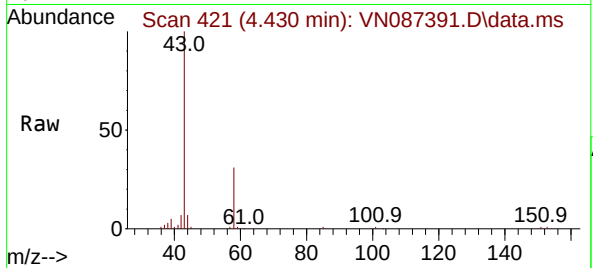
VN0722WBS02

Tgt Ion: 58 Resp: 36133

Ion Ratio Lower Upper

58 100

43 324.5 224.3 336.5



#16

Carbon Disulfide

Concen: 11.410 ug/l

RT: 4.706 min Scan# 468

Delta R.T. -0.029 min

Lab File: VN087391.D

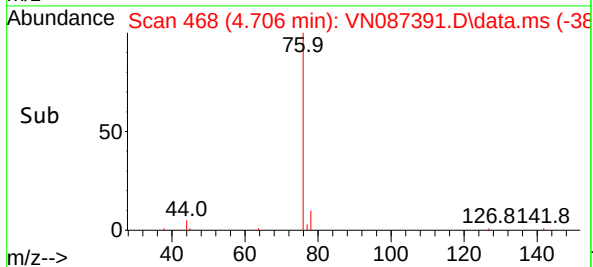
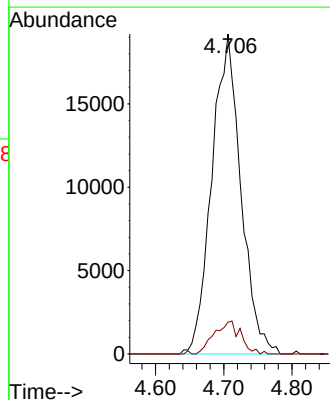
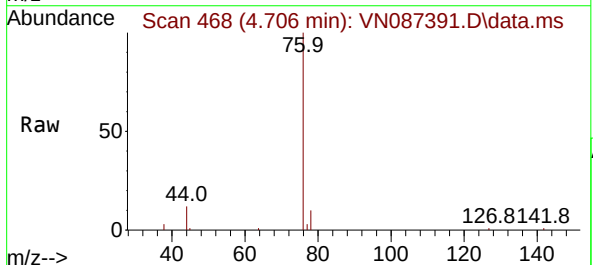
Acq: 22 Jul 2025 15:50

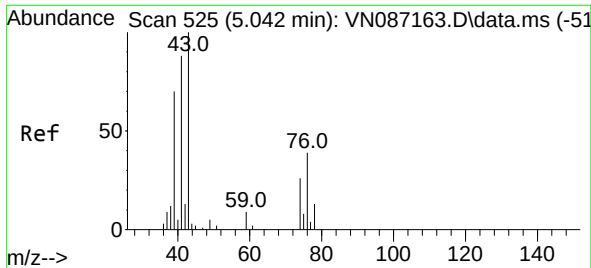
Tgt Ion: 76 Resp: 56857

Ion Ratio Lower Upper

76 100

78 9.9 7.2 10.8

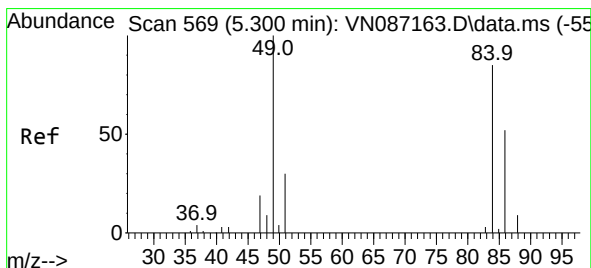
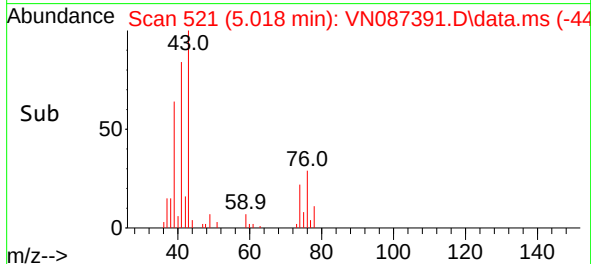
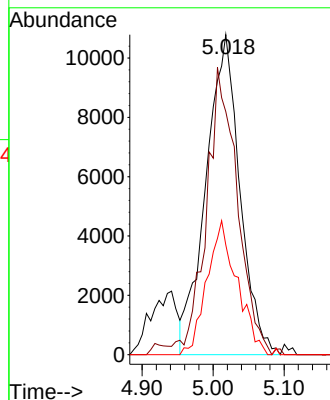
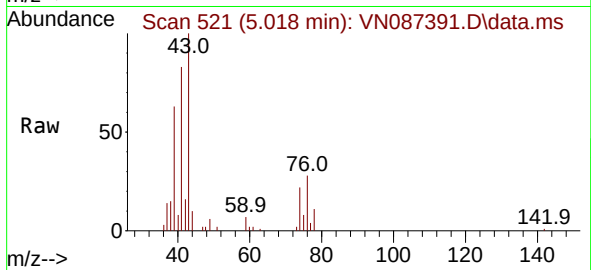




#17
 Allyl chloride
 Concen: 12.728 ug/l
 RT: 5.018 min Scan# 51
 Delta R.T. -0.024 min
 Lab File: VN087391.D
 Acq: 22 Jul 2025 15:50

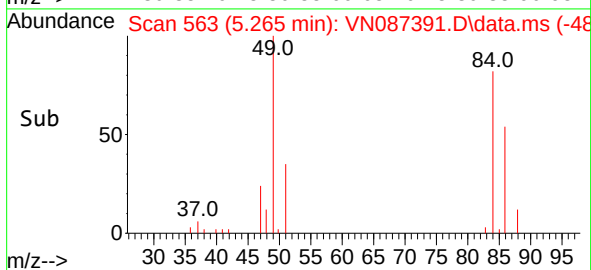
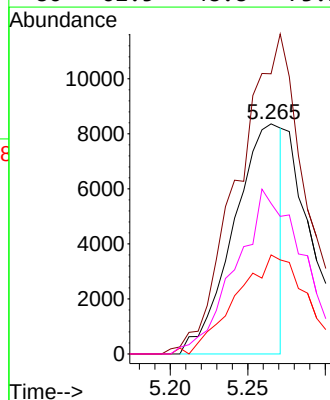
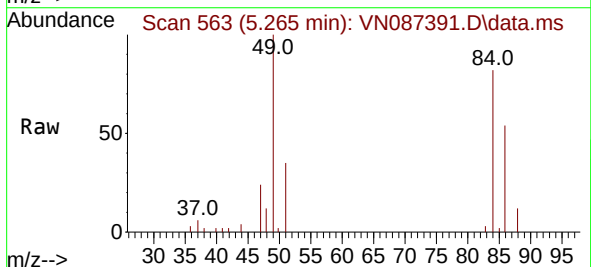
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0722WBS02

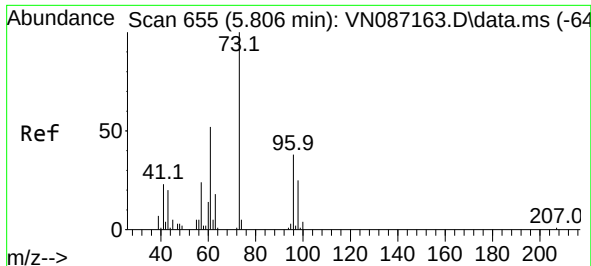
Tgt Ion:	41	Resp:	35780
Ion	Ratio	Lower	Upper
41	100		
39	74.1	36.0	108.0
76	34.3	19.5	58.5



#18
 Methylene Chloride
 Concen: 9.144 ug/l
 RT: 5.265 min Scan# 563
 Delta R.T. -0.035 min
 Lab File: VN087391.D
 Acq: 22 Jul 2025 15:50

Tgt Ion:	84	Resp:	18053
Ion	Ratio	Lower	Upper
84	100		
49	118.7	94.0	141.0
51	40.4	28.3	42.5
86	62.5	48.8	73.2

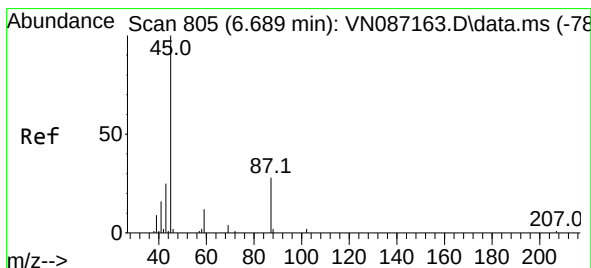
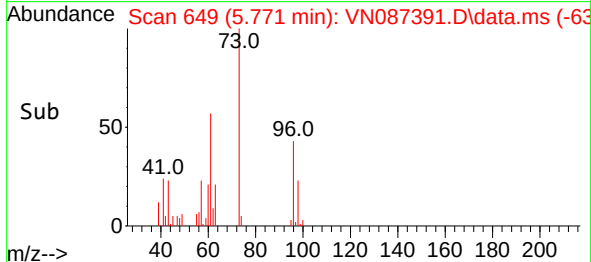
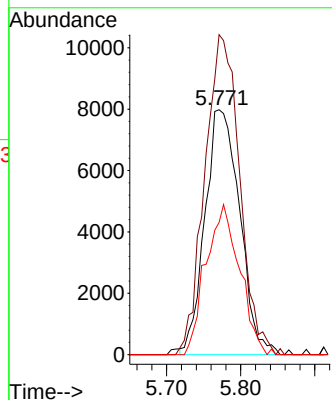
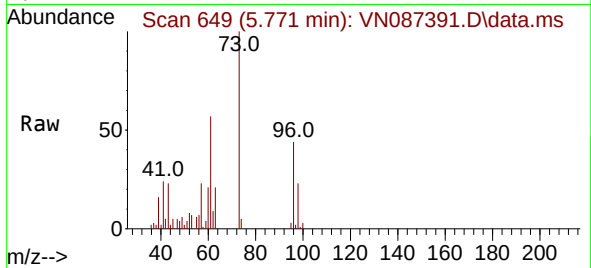




#19
trans-1,2-Dichloroethene
Concen: 13.971 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.035 min
Lab File: VN087391.D
Acq: 22 Jul 2025 15:50

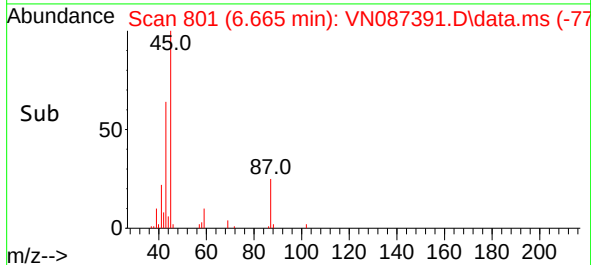
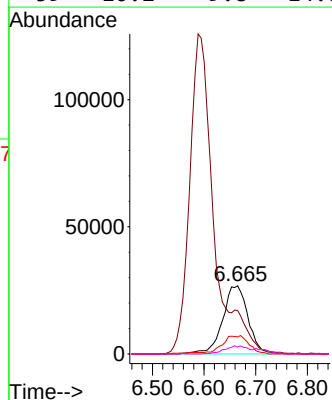
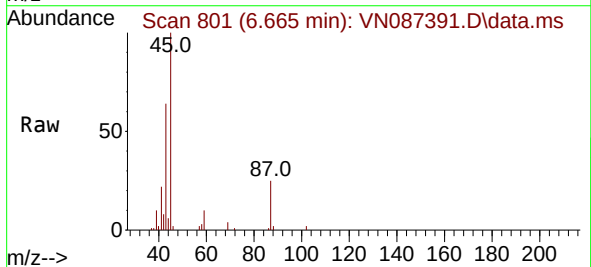
Instrument :
MSVOA_N
ClientSampleId :
VN0722WBS02

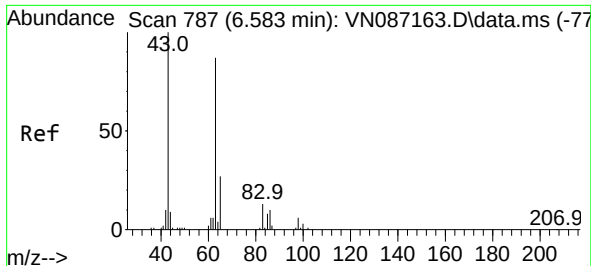
Tgt Ion: 96 Resp: 26040
Ion Ratio Lower Upper
96 100
61 128.1 110.3 165.5
98 53.9 51.6 77.4



#20
Diisopropyl ether
Concen: 15.281 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.024 min
Lab File: VN087391.D
Acq: 22 Jul 2025 15:50

Tgt Ion: 45 Resp: 91137
Ion Ratio Lower Upper
45 100
43 61.2 45.3 67.9
87 25.0 22.6 33.8
59 10.2 9.8 14.8

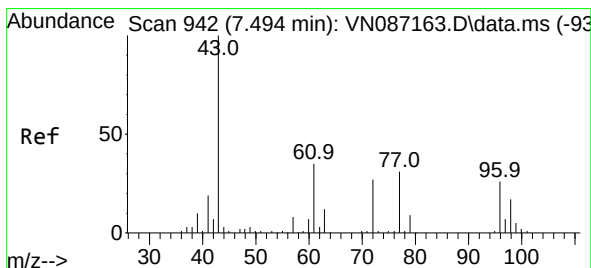
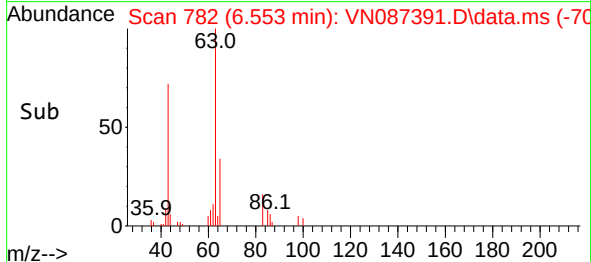
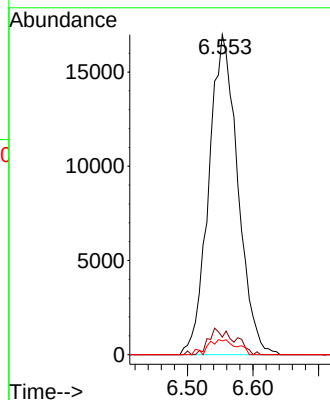
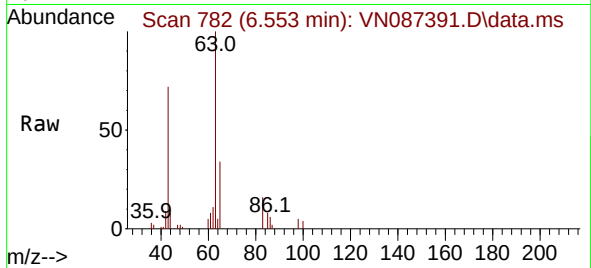




#21
1,1-Dichloroethane
Concen: 14.662 ug/l
RT: 6.553 min Scan# 71
Delta R.T. -0.029 min
Lab File: VN087391.D
Acq: 22 Jul 2025 15:50

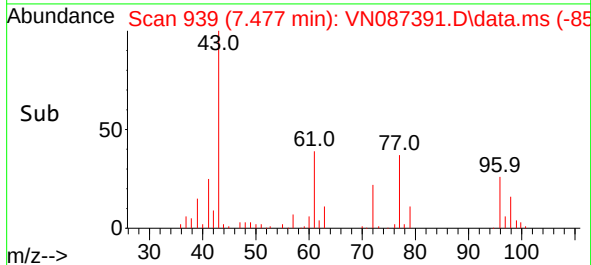
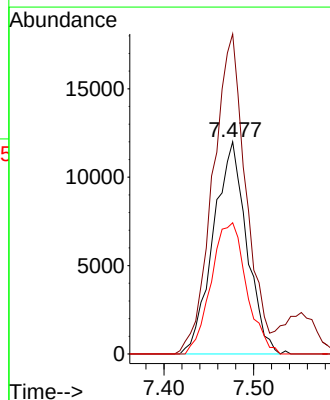
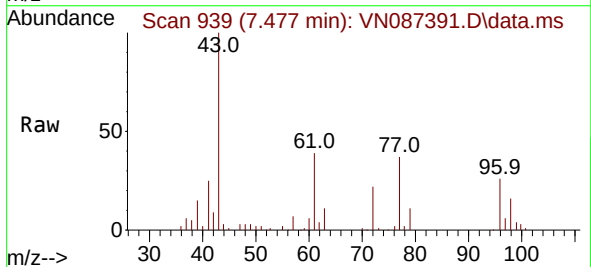
Instrument :
MSVOA_N
ClientSampleId :
VN0722WBS02

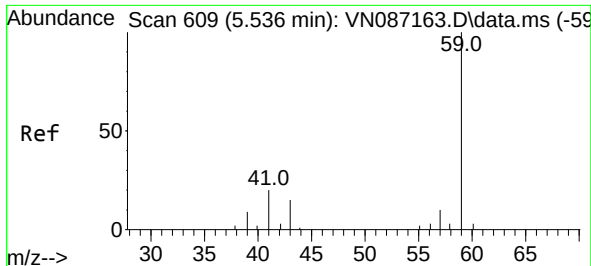
Tgt Ion: 63 Resp: 52262
Ion Ratio Lower Upper
63 100
98 5.5 3.5 10.4
100 4.3 2.0 5.8



#22
cis-1,2-Dichloroethene
Concen: 14.311 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.018 min
Lab File: VN087391.D
Acq: 22 Jul 2025 15:50

Tgt Ion: 96 Resp: 31044
Ion Ratio Lower Upper
96 100
61 148.7 119.2 178.8
98 65.3 50.6 75.8

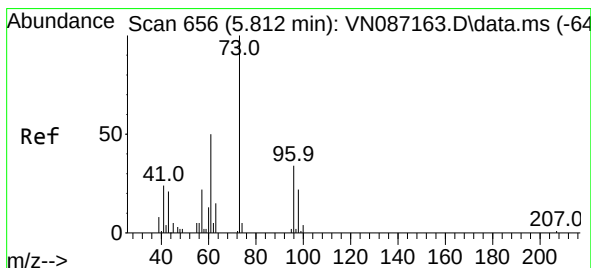
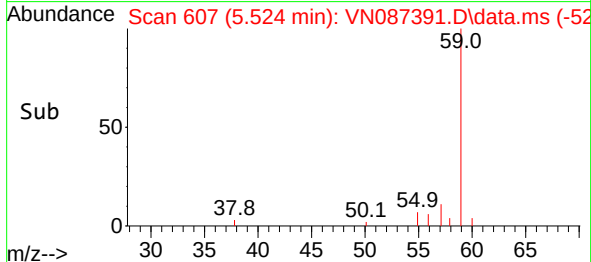
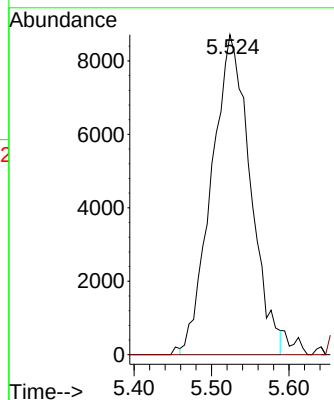
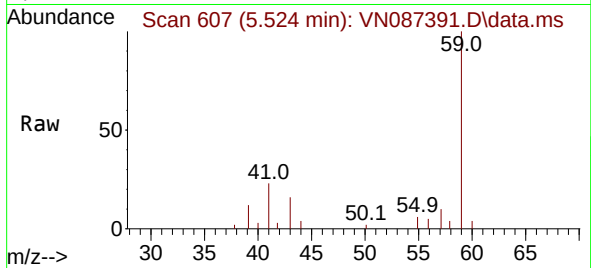




#23
tert-Butyl Alcohol
Concen: 64.647 ug/l
RT: 5.524 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN087391.D
Acq: 22 Jul 2025 15:50

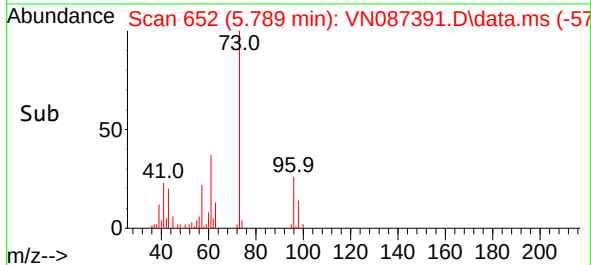
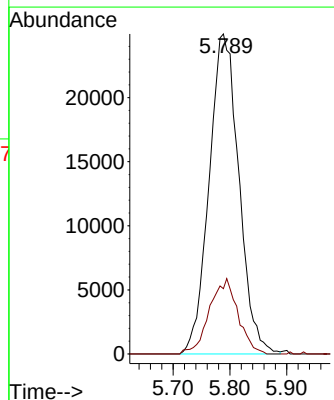
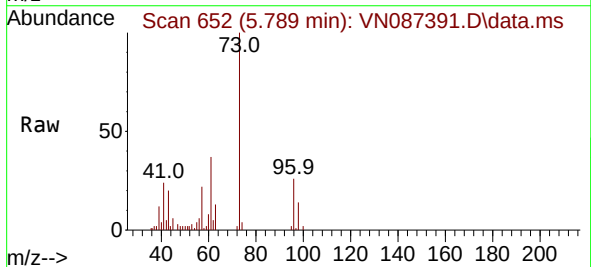
Instrument :
MSVOA_N
ClientSampleId :
VN0722WBS02

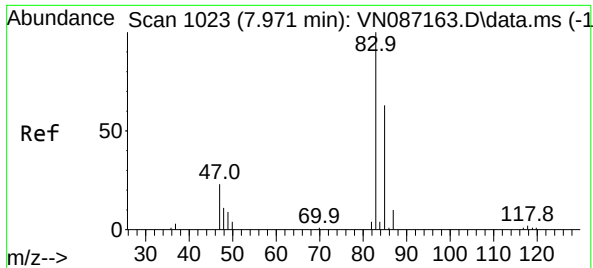
Tgt Ion: 59 Resp: 30316
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 15.197 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.024 min
Lab File: VN087391.D
Acq: 22 Jul 2025 15:50

Tgt Ion: 73 Resp: 90839
Ion Ratio Lower Upper
73 100
43 22.3 16.4 24.6

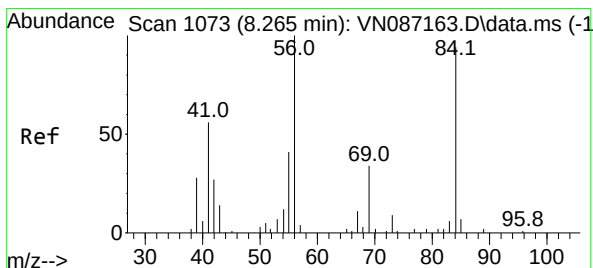
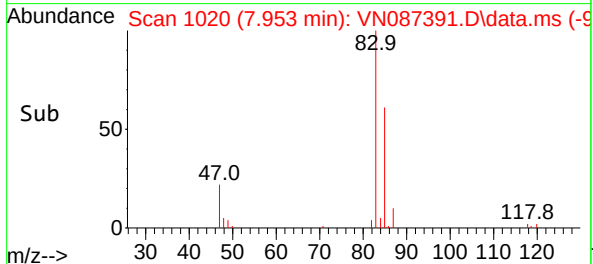
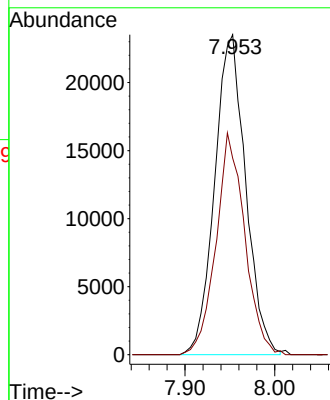
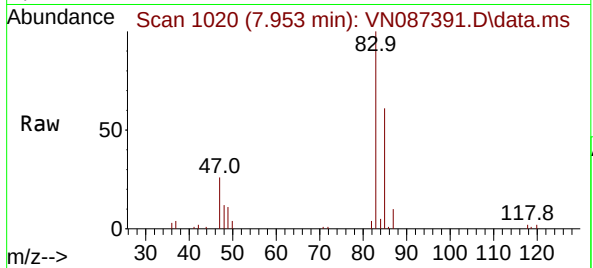




#25
Chloroform
Concen: 16.488 ug/l
RT: 7.953 min Scan# 1069
Delta R.T. -0.018 min
Lab File: VN087391.D
Acq: 22 Jul 2025 15:50

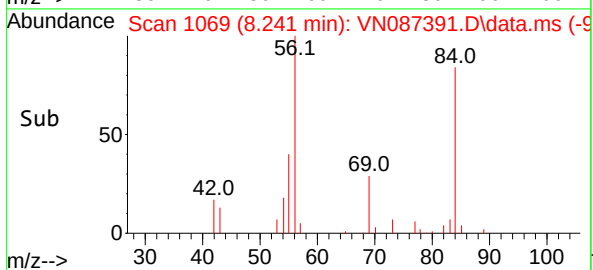
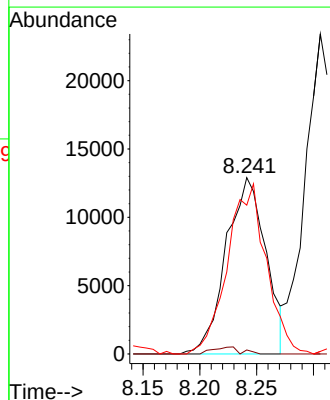
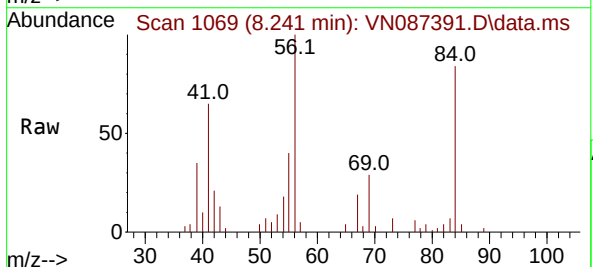
Instrument :
MSVOA_N
ClientSampleId :
VN0722WBS02

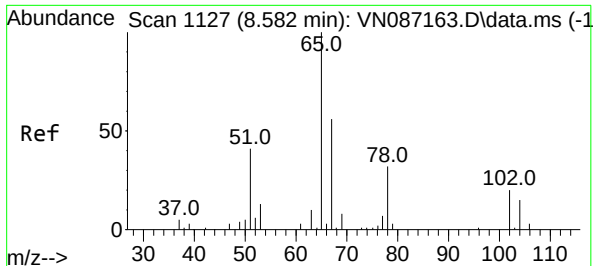
Tgt Ion: 83 Resp: 56306
Ion Ratio Lower Upper
83 100
85 61.4 50.7 76.1



#26
Cyclohexane
Concen: 10.586 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. -0.024 min
Lab File: VN087391.D
Acq: 22 Jul 2025 15:50

Tgt Ion: 56 Resp: 31365
Ion Ratio Lower Upper
56 100
89 0.5 6.9 10.3#
84 94.2 69.1 103.7

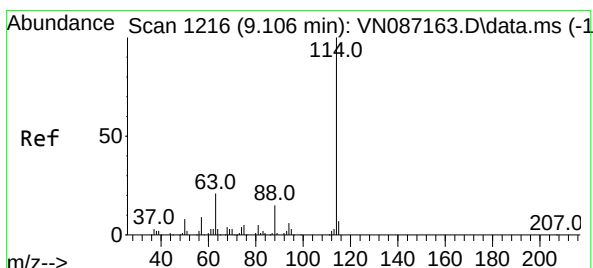
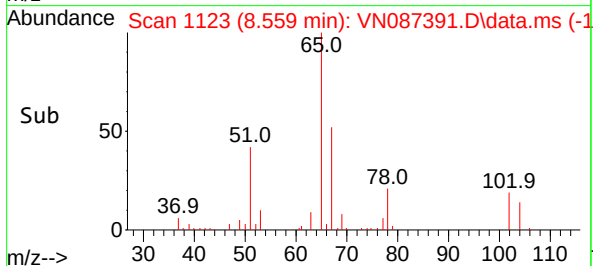
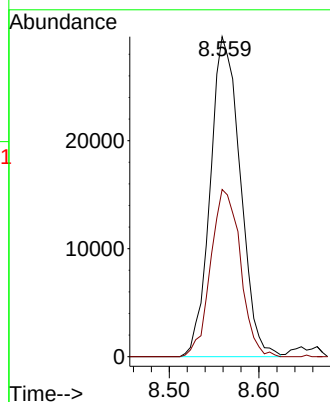
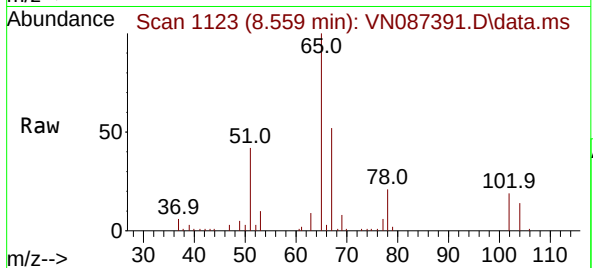




#27
 1,2-Dichloroethane-d4
 Concen: 32.493 ug/l
 RT: 8.559 min Scan# 1123
 Delta R.T. -0.024 min
 Lab File: VN087391.D
 Acq: 22 Jul 2025 15:50

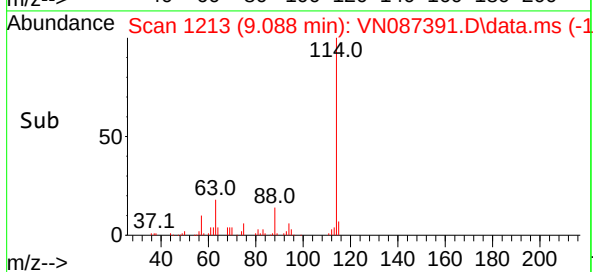
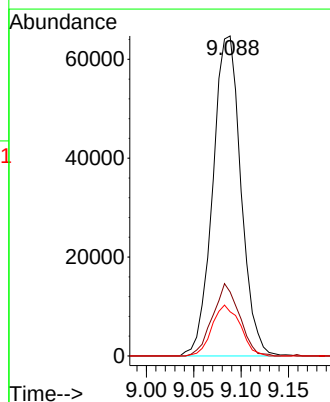
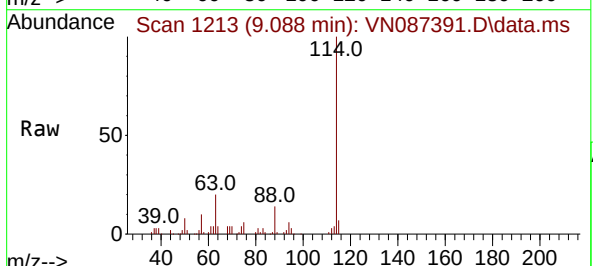
Instrument :
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 ClientSampleId :
 VN0722WBS02

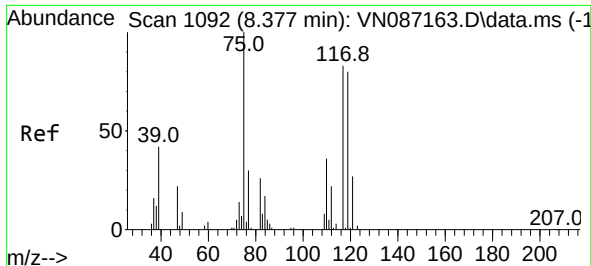
Tgt Ion: 65 Resp: 68880
 Ion Ratio Lower Upper
 65 100
 67 51.4 41.9 62.9



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.088 min Scan# 1213
 Delta R.T. -0.018 min
 Lab File: VN087391.D
 Acq: 22 Jul 2025 15:50

Tgt Ion: 114 Resp: 133851
 Ion Ratio Lower Upper
 114 100
 63 21.4 17.0 25.4
 88 15.9 12.6 19.0





#29

1,1-Dichloropropene

Concen: 16.080 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. -0.024 min

Lab File: VN087391.D

Acq: 22 Jul 2025 15:50

Instrument :

MSVOA_N

ClientSampleId :

VN0722WBS02

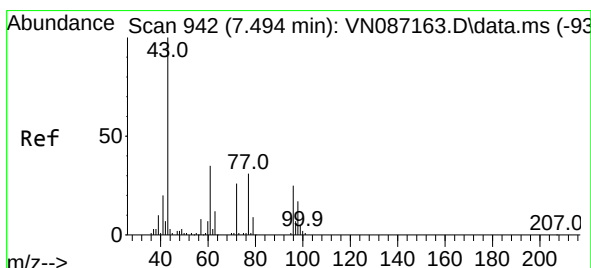
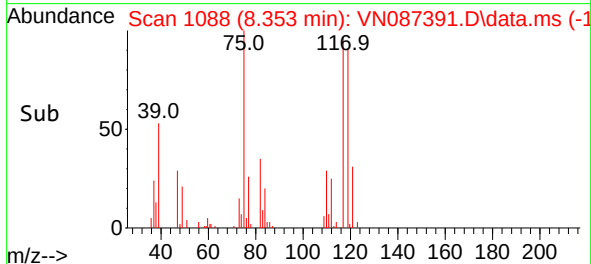
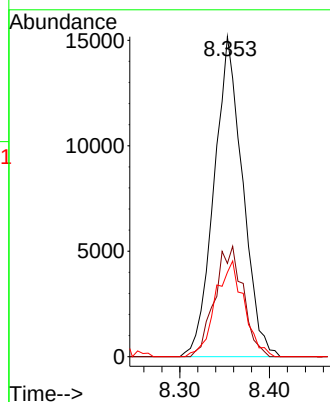
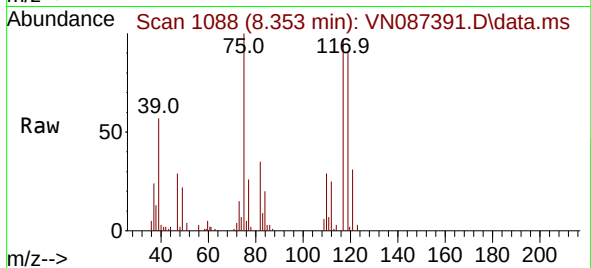
Tgt Ion: 75 Resp: 33546

Ion Ratio Lower Upper

75 100

110 34.2 0.0 69.2

77 30.2 0.0 61.8



#30

2-Butanone

Concen: 89.269 ug/l

RT: 7.471 min Scan# 938

Delta R.T. -0.024 min

Lab File: VN087391.D

Acq: 22 Jul 2025 15:50

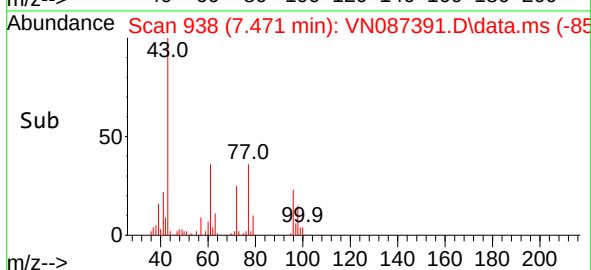
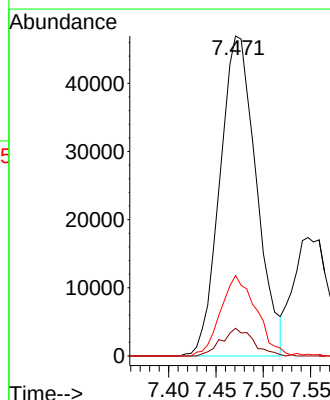
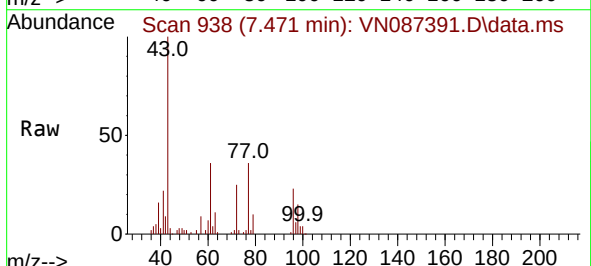
Tgt Ion: 43 Resp: 125628

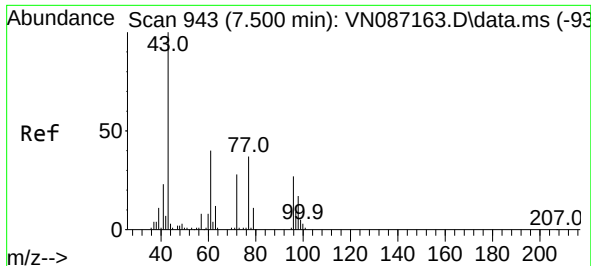
Ion Ratio Lower Upper

43 100

57 7.5 6.3 9.5

72 24.5 21.8 32.6





#31

2,2-Dichloropropane

Concen: 19.205 ug/l

RT: 7.477 min Scan# 91

Delta R.T. -0.024 min

Lab File: VN087391.D

Acq: 22 Jul 2025 15:50

Instrument :

MSVOA_N

ClientSampleId :

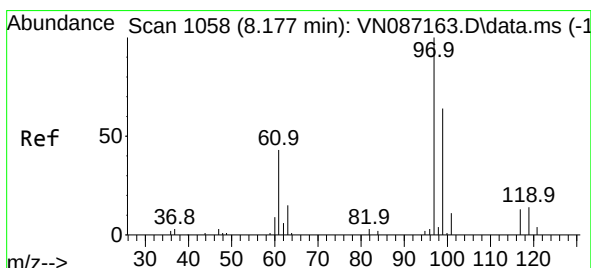
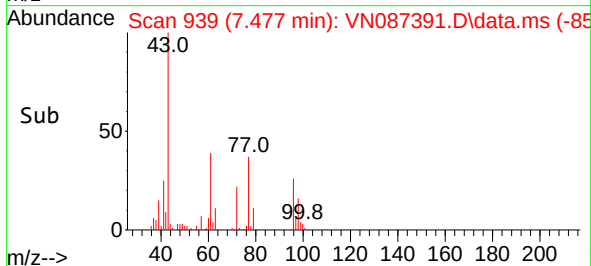
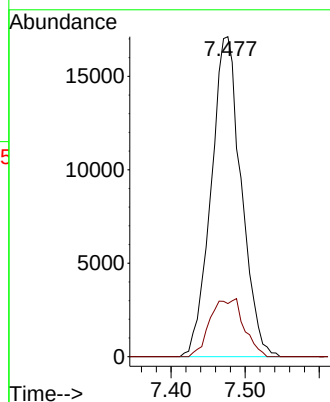
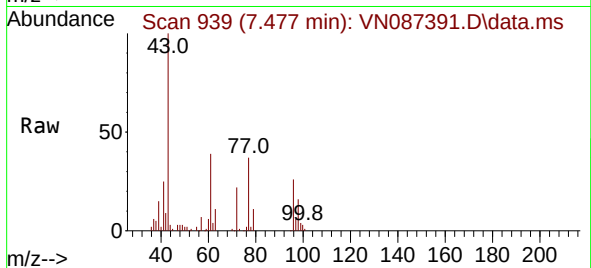
VN0722WBS02

Tgt Ion: 77 Resp: 48366

Ion Ratio Lower Upper

77 100

97 11.6 18.4 27.6#



#32

1,1,1-Trichloroethane

Concen: 19.447 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.029 min

Lab File: VN087391.D

Acq: 22 Jul 2025 15:50

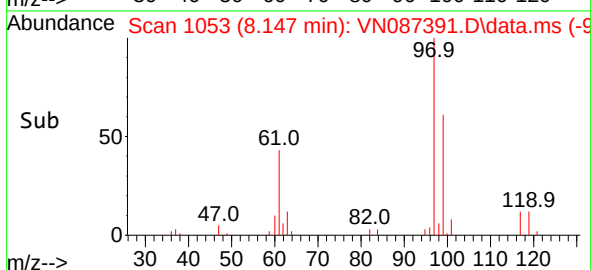
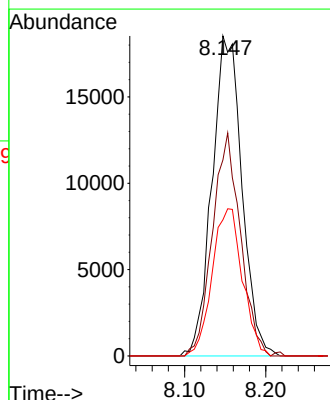
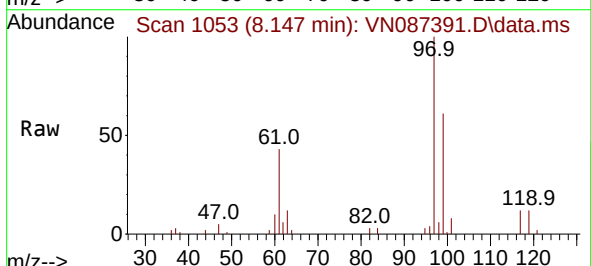
Tgt Ion: 97 Resp: 47398

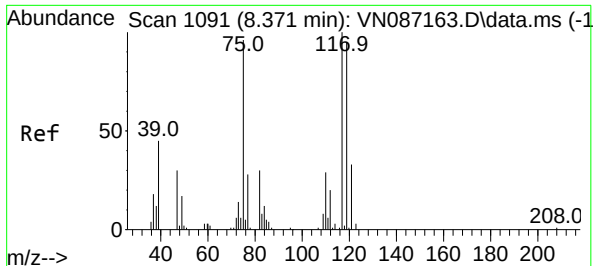
Ion Ratio Lower Upper

97 100

99 65.0 50.8 76.2

61 46.7 36.1 54.1

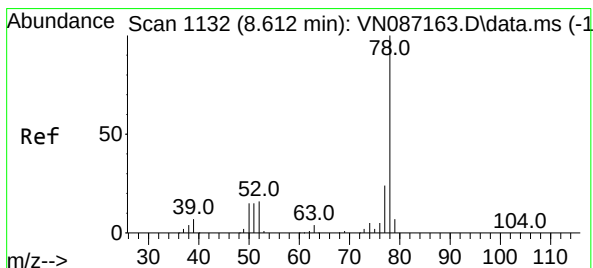
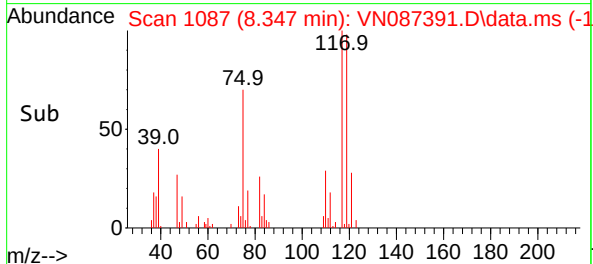
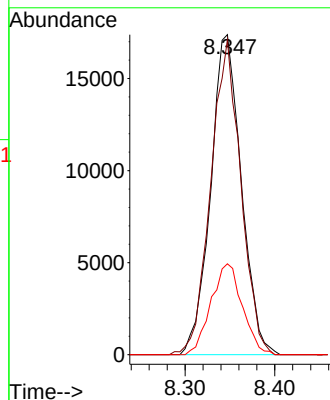
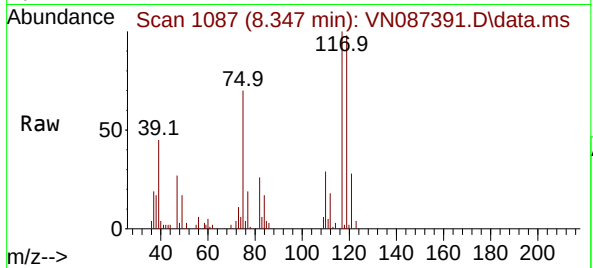




#33
Carbon Tetrachloride
Concen: 20.110 ug/l
RT: 8.347 min Scan# 1107
Delta R.T. -0.024 min
Lab File: VN087391.D
Acq: 22 Jul 2025 15:50

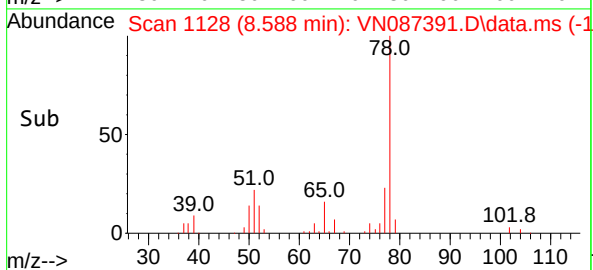
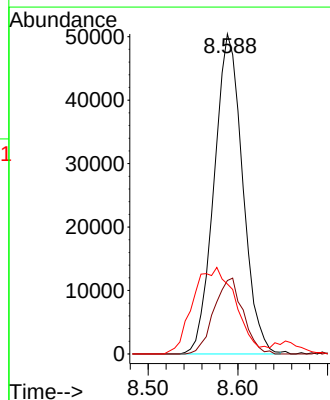
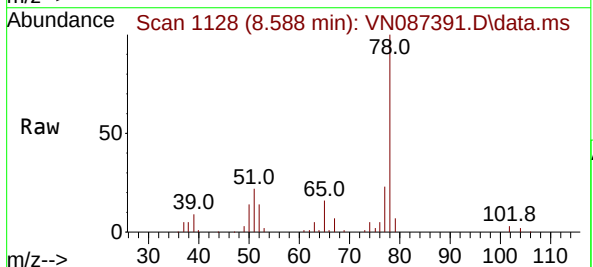
Instrument :
MSVOA_N
ClientSampleId :
VN0722WBS02

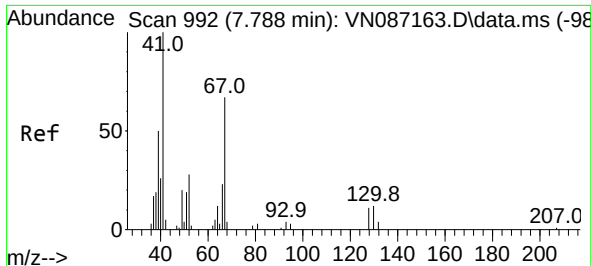
Tgt Ion:117 Resp: 41247
Ion Ratio Lower Upper
117 100
119 98.4 75.8 113.6
121 28.4 26.2 39.4



#34
Benzene
Concen: 16.842 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.024 min
Lab File: VN087391.D
Acq: 22 Jul 2025 15:50

Tgt Ion: 78 Resp: 111316
Ion Ratio Lower Upper
78 100
77 23.0 19.5 29.3
51 18.9 14.8 22.2

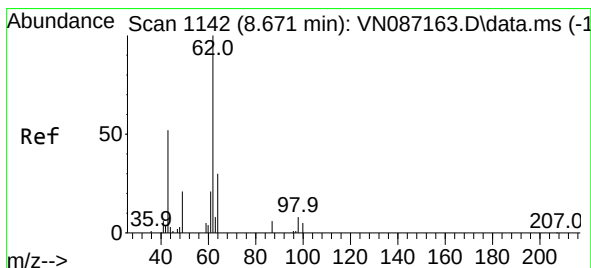
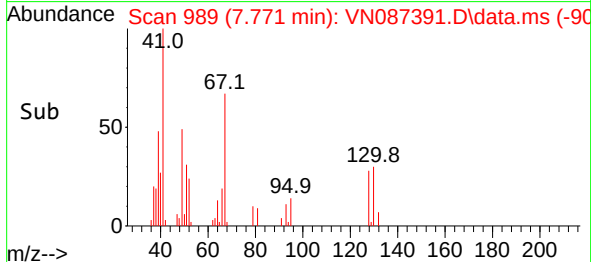
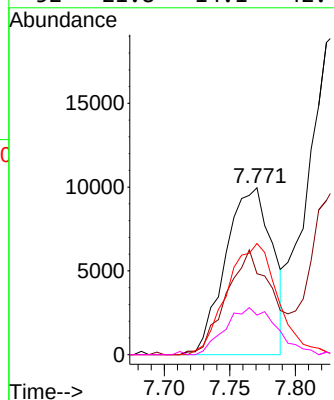
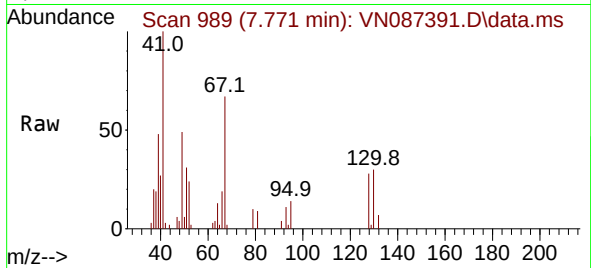




#35
Methacrylonitrile
Concen: 17.443 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.018 min
Lab File: VN087391.D
Acq: 22 Jul 2025 15:50

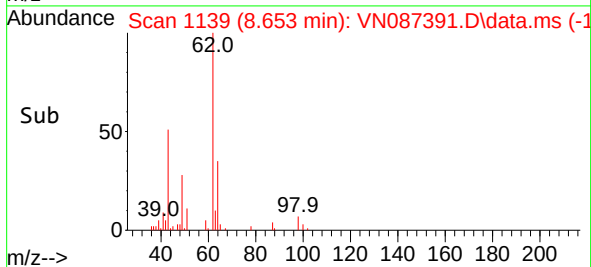
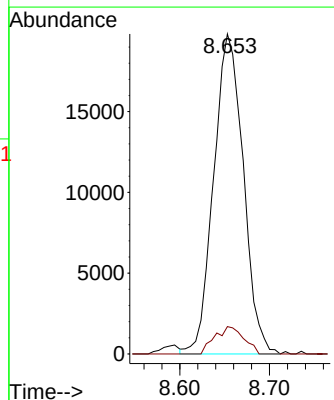
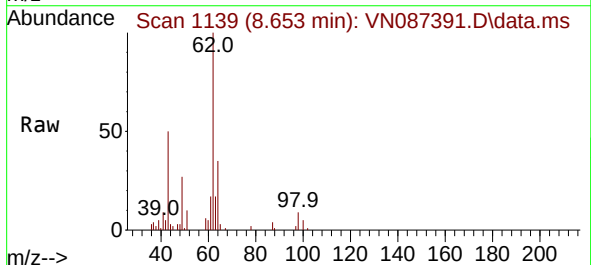
Instrument :
MSVOA_N
ClientSampleId :
VN0722WBS02

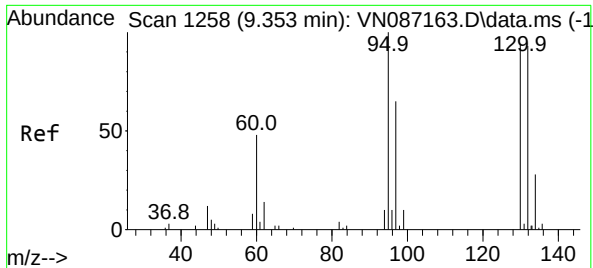
Tgt Ion:	41	Resp:	24739
Ion Ratio	Lower	Upper	
41	100		
39	48.5	24.4	73.2
67	66.7	33.3	99.8
52	21.8	14.1	42.4



#36
1,2-Dichloroethane
Concen: 21.257 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.018 min
Lab File: VN087391.D
Acq: 22 Jul 2025 15:50

Tgt Ion:	62	Resp:	45393
Ion Ratio	Lower	Upper	
62	100		
98	8.4	7.2	10.8

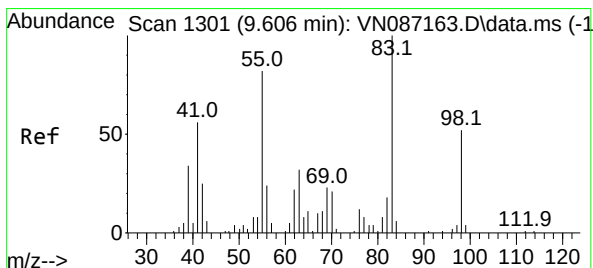
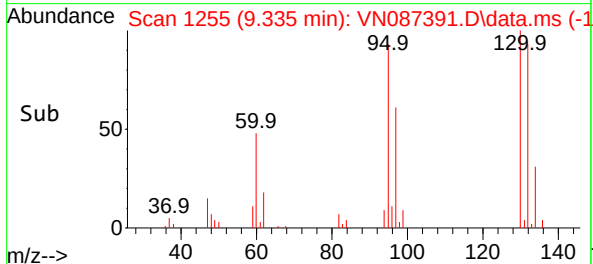
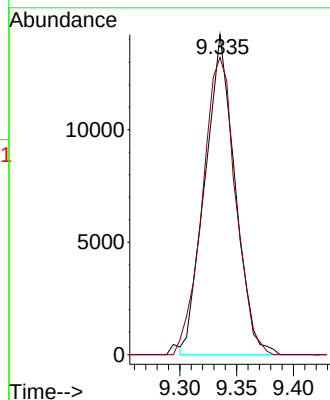
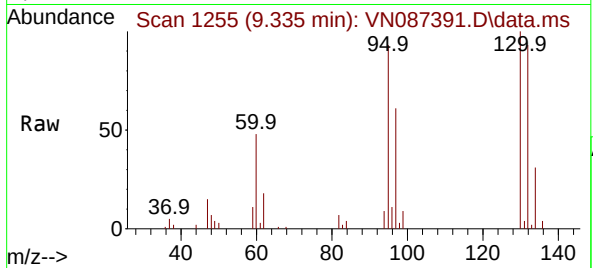




#37
Trichloroethene
Concen: 17.169 ug/l
RT: 9.335 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN087391.D
Acq: 22 Jul 2025 15:50

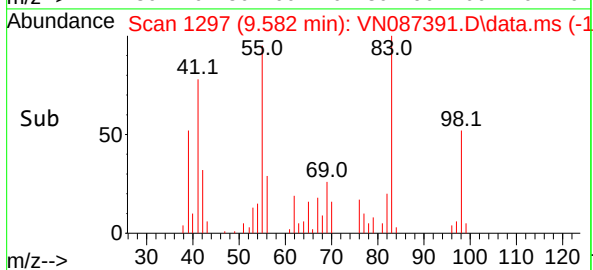
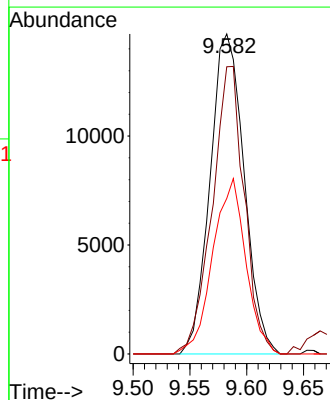
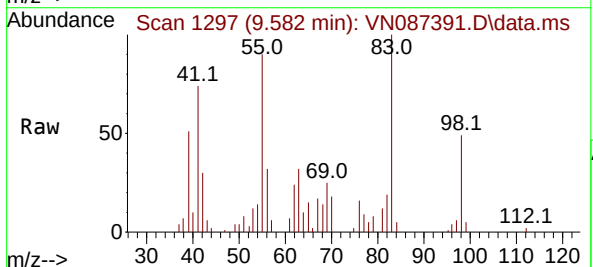
Instrument :
MSVOA_N
ClientSampleId :
VN0722WBS02

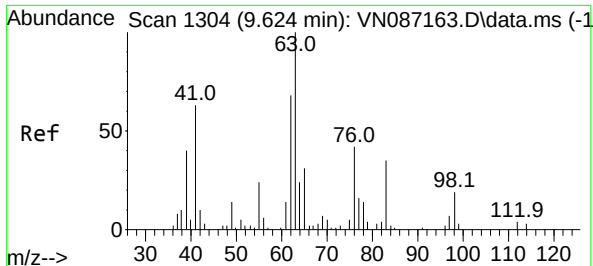
Tgt Ion:130 Resp: 26174
Ion Ratio Lower Upper
130 100
95 92.9 85.3 127.9



#38
Methylcyclohexane
Concen: 12.802 ug/l
RT: 9.582 min Scan# 1297
Delta R.T. -0.024 min
Lab File: VN087391.D
Acq: 22 Jul 2025 15:50

Tgt Ion: 83 Resp: 30645
Ion Ratio Lower Upper
83 100
55 84.5 40.1 120.2
98 53.2 24.4 73.2





#39

1,2-Dichloropropane

Concen: 17.782 ug/l

RT: 9.600 min Scan# 11

Delta R.T. -0.024 min

Lab File: VN087391.D

Acq: 22 Jul 2025 15:50

Instrument :

MSVOA_N

ClientSampleId :

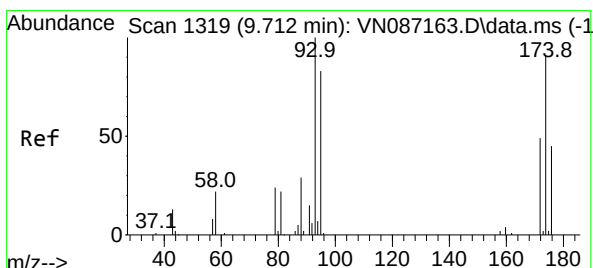
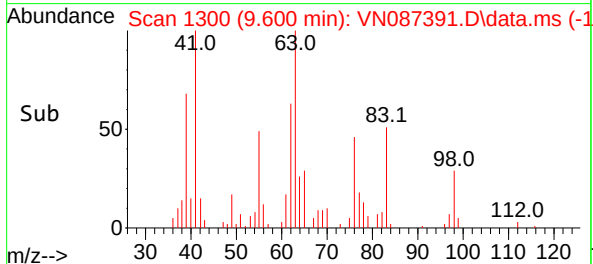
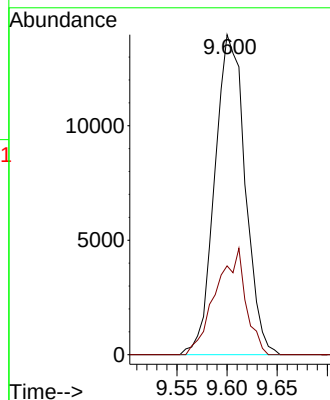
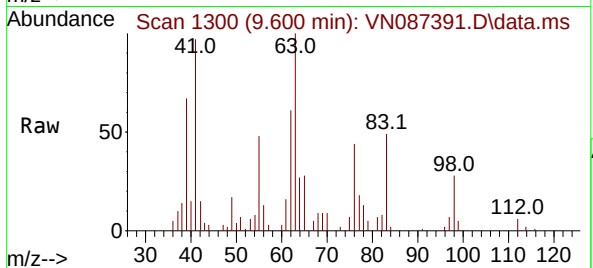
VN0722WBS02

Tgt Ion: 63 Resp: 29498

Ion Ratio Lower Upper

63 100

65 27.8 24.6 36.8



#40

Dibromomethane

Concen: 20.626 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.024 min

Lab File: VN087391.D

Acq: 22 Jul 2025 15:50

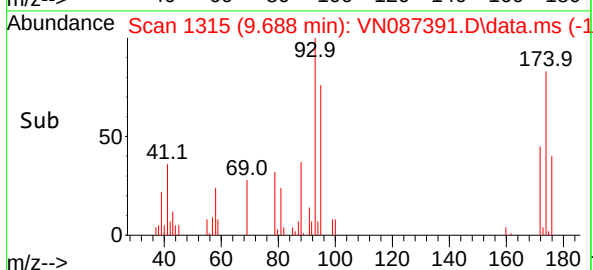
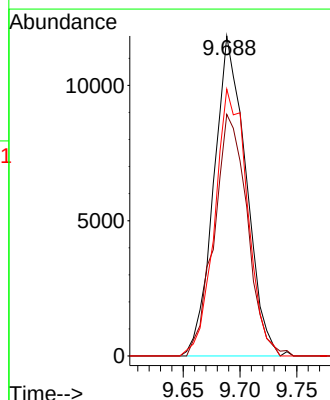
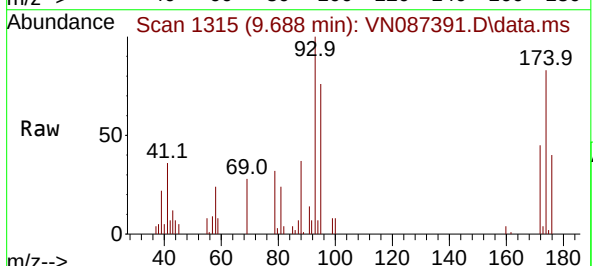
Tgt Ion: 93 Resp: 23266

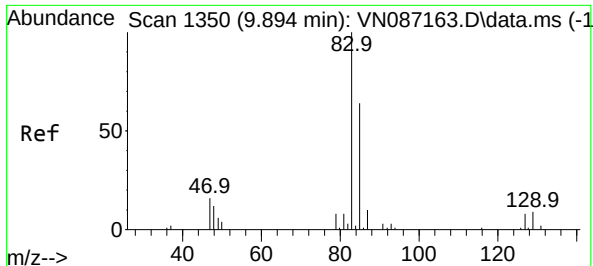
Ion Ratio Lower Upper

93 100

95 77.8 0.0 170.8

174 84.5 0.0 176.6

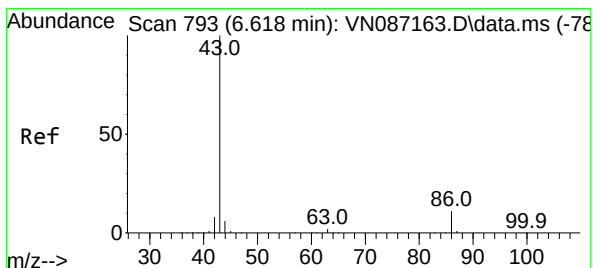
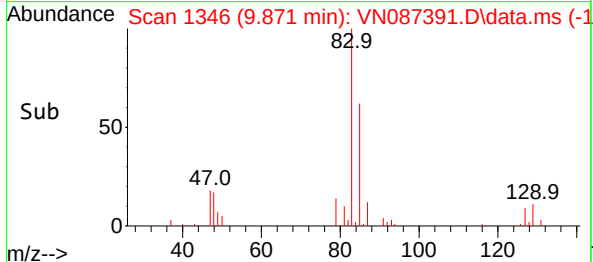
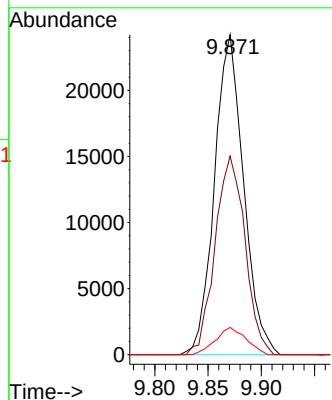
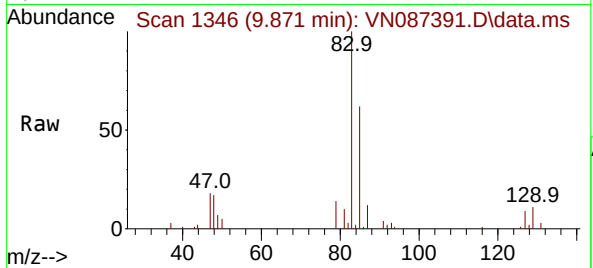




#41
Bromodichloromethane
Concen: 20.183 ug/l
RT: 9.871 min Scan# 11
Delta R.T. -0.024 min
Lab File: VN087391.D
Acq: 22 Jul 2025 15:50

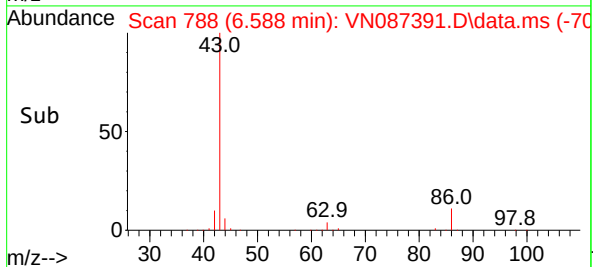
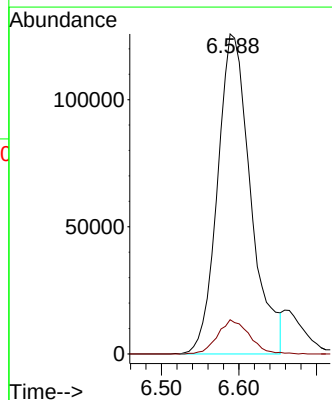
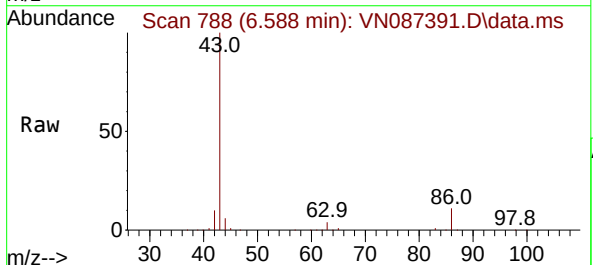
Instrument :
MSVOA_N
ClientSampleId :
VN0722WBS02

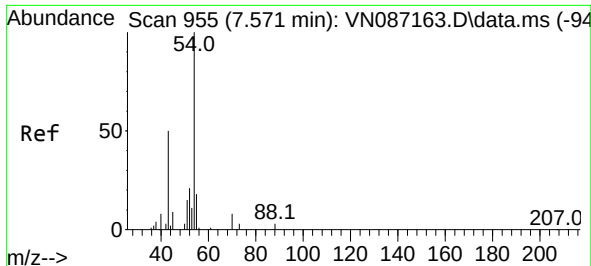
Tgt Ion: 83 Resp: 45953
Ion Ratio Lower Upper
83 100
85 62.0 51.4 77.2
127 8.5 6.1 9.1



#42
Vinyl Acetate
Concen: 81.789 ug/l
RT: 6.588 min Scan# 788
Delta R.T. -0.029 min
Lab File: VN087391.D
Acq: 22 Jul 2025 15:50

Tgt Ion: 43 Resp: 374368
Ion Ratio Lower Upper
43 100
86 10.2 7.7 11.5

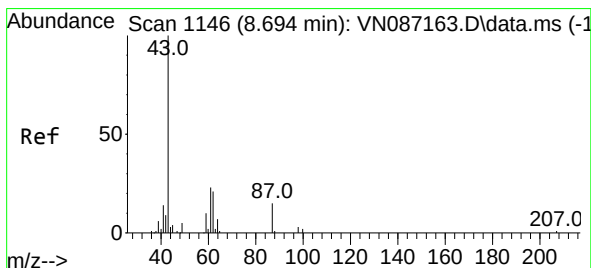
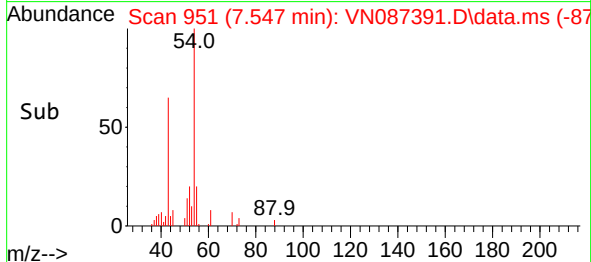
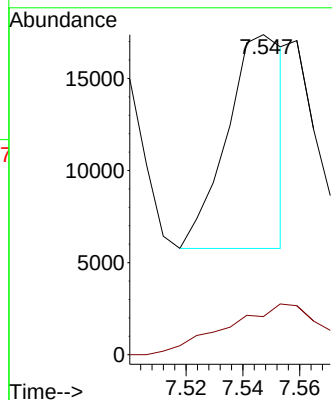
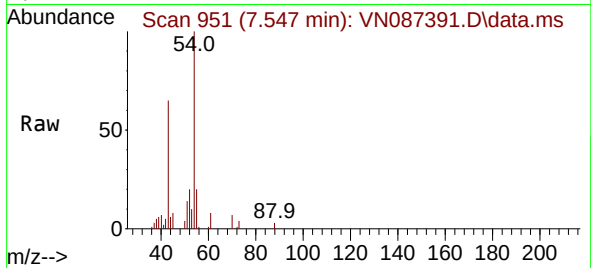




#43
Ethyl Acetate
Concen: 6.335 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.024 min
Lab File: VN087391.D
Acq: 22 Jul 2025 15:50

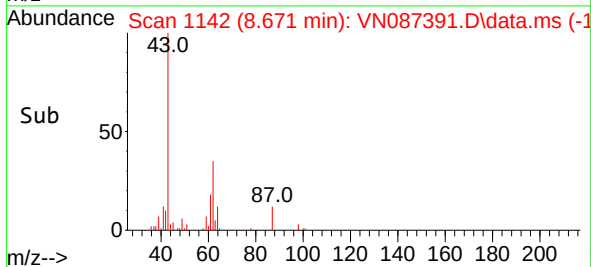
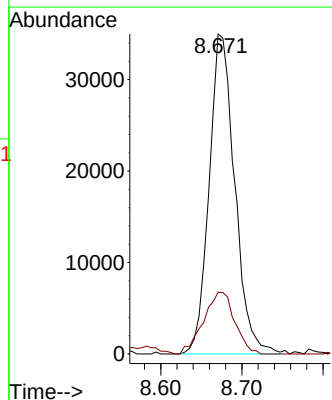
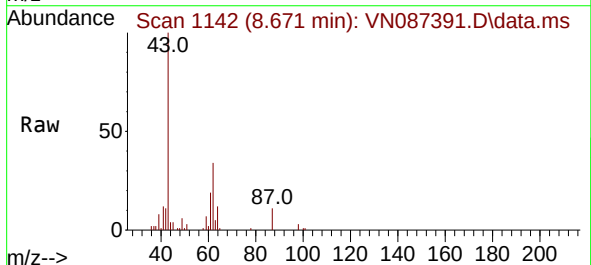
Instrument :
MSVOA_N
ClientSampleId :
VN0722WBS02

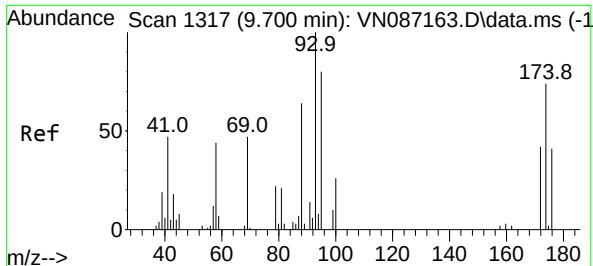
Tgt Ion: 43 Resp: 16094
Ion Ratio Lower Upper
43 100
45 43.6 11.5 17.3#



#44
Isopropyl Acetate
Concen: 18.544 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.024 min
Lab File: VN087391.D
Acq: 22 Jul 2025 15:50

Tgt Ion: 43 Resp: 76758
Ion Ratio Lower Upper
43 100
61 23.4 20.5 30.7

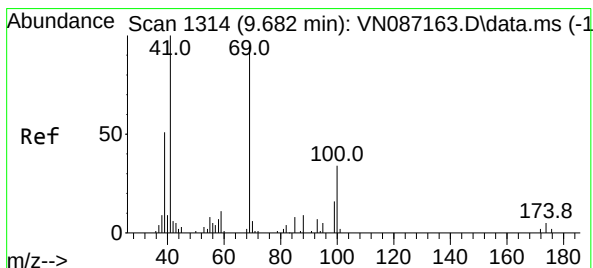
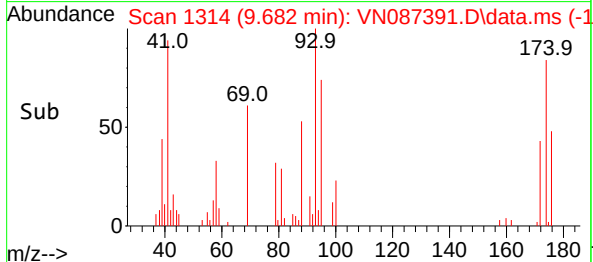
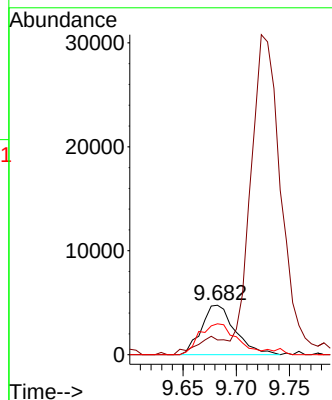
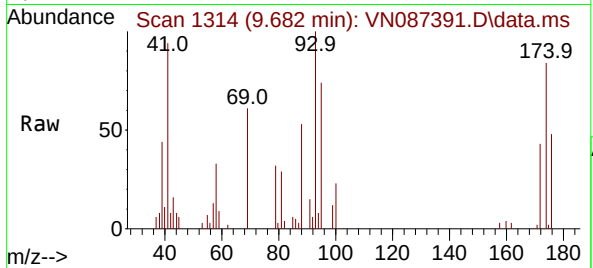




#45
1,4-Dioxane
Concen: 372.826 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.018 min
Lab File: VN087391.D
Acq: 22 Jul 2025 15:50

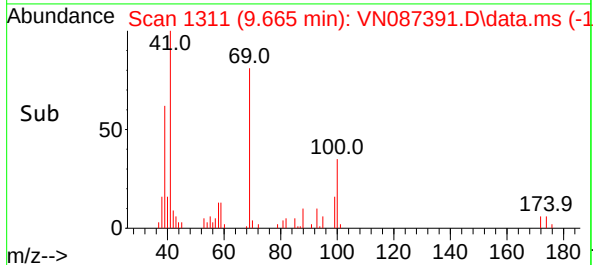
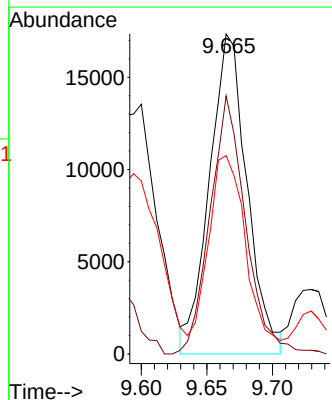
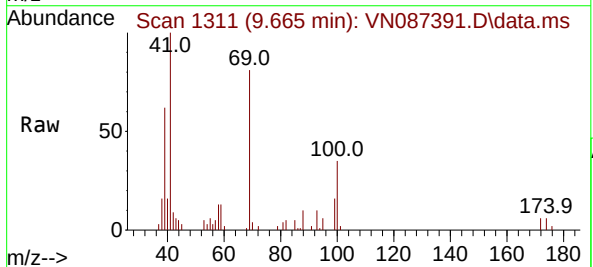
Instrument :
MSVOA_N
ClientSampleId :
VN0722WBS02

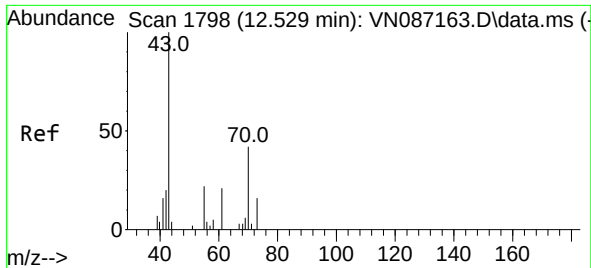
Tgt Ion: 88 Resp: 10439
Ion Ratio Lower Upper
88 100
43 33.8 21.3 31.9#
58 68.6 61.7 92.5



#46
Methyl methacrylate
Concen: 17.947 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.018 min
Lab File: VN087391.D
Acq: 22 Jul 2025 15:50

Tgt Ion: 41 Resp: 34534
Ion Ratio Lower Upper
41 100
69 85.4 45.6 136.9
39 61.9 26.2 78.5

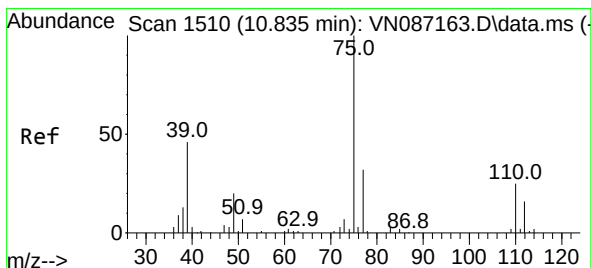
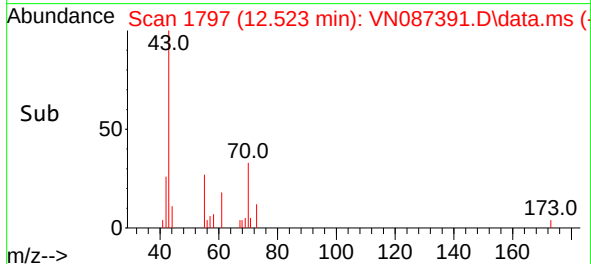
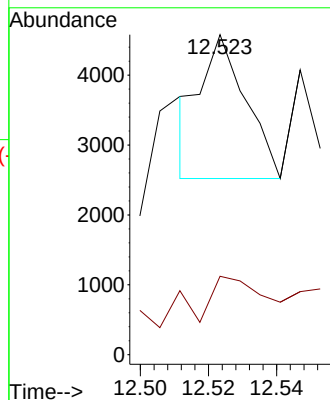
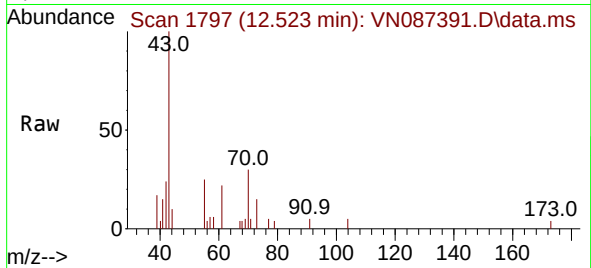




#47
n-amyl acetate
Concen: 0.740 ug/l
RT: 12.523 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087391.D
Acq: 22 Jul 2025 15:50

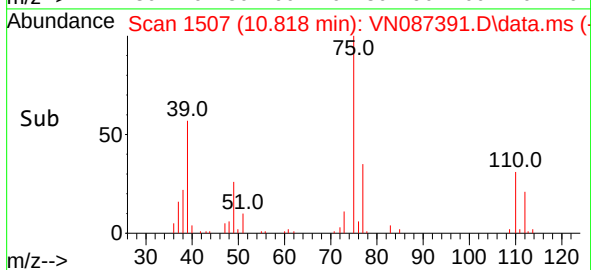
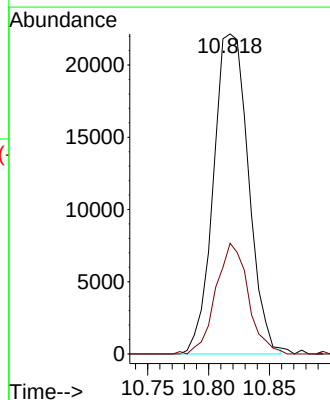
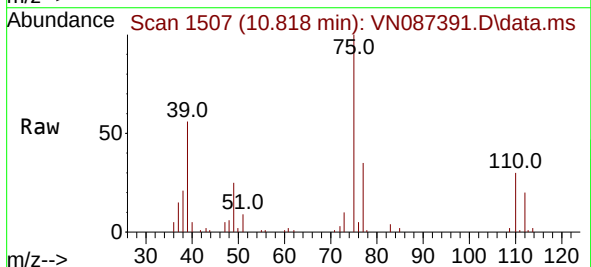
Instrument :
MSVOA_N
ClientSampleId :
VN0722WBS02

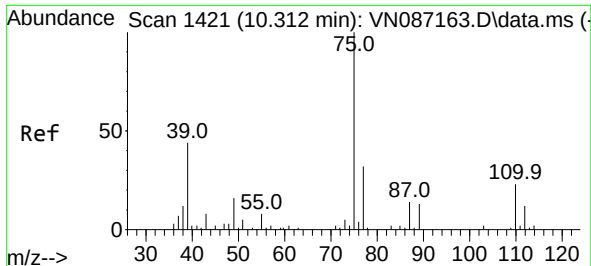
Tgt Ion: 43 Resp: 1873
Ion Ratio Lower Upper
43 100
55 119.6 0.0 0.0#



#48
t-1,3-Dichloropropene
Concen: 17.455 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.018 min
Lab File: VN087391.D
Acq: 22 Jul 2025 15:50

Tgt Ion: 75 Resp: 44305
Ion Ratio Lower Upper
75 100
77 33.9 25.4 38.0





#49

cis-1,3-Dichloropropene

Concen: 17.045 ug/l

RT: 10.294 min Scan# 1418

Delta R.T. -0.018 min

Lab File: VN087391.D

Acq: 22 Jul 2025 15:50

Instrument :

MSVOA_N

ClientSampleId :

VN0722WBS02

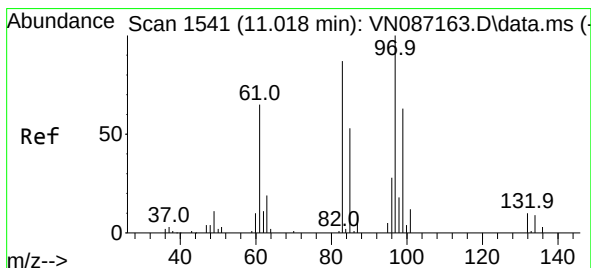
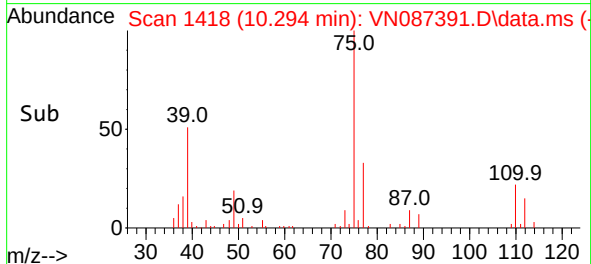
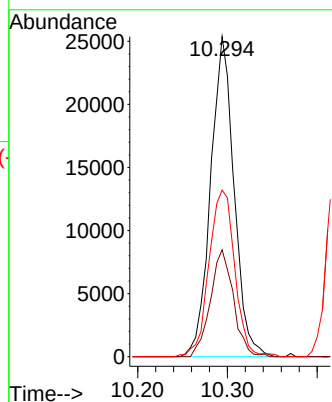
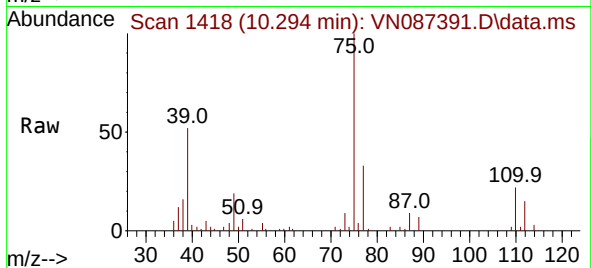
Tgt Ion: 75 Resp: 45992

Ion Ratio Lower Upper

75 100

77 33.4 25.4 38.2

39 52.1 35.3 52.9



#50

1,1,2-Trichloroethane

Concen: 18.283 ug/l

RT: 11.000 min Scan# 1538

Delta R.T. -0.018 min

Lab File: VN087391.D

Acq: 22 Jul 2025 15:50

Tgt Ion: 97 Resp: 29296

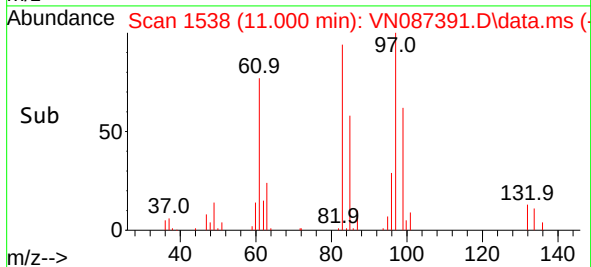
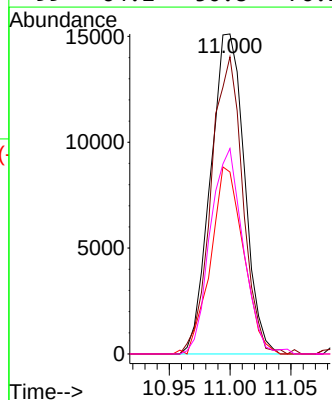
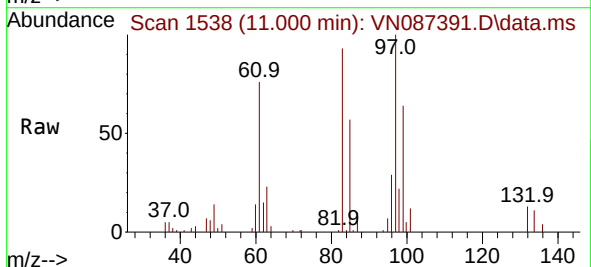
Ion Ratio Lower Upper

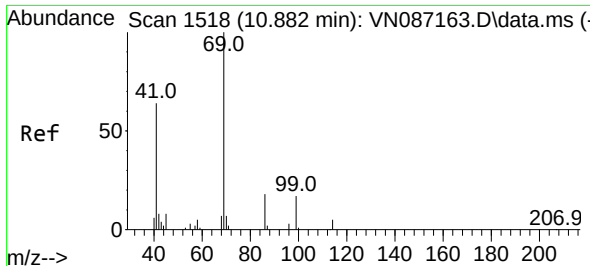
97 100

83 92.9 69.6 104.4

85 56.9 42.0 63.0

99 64.2 50.8 76.2

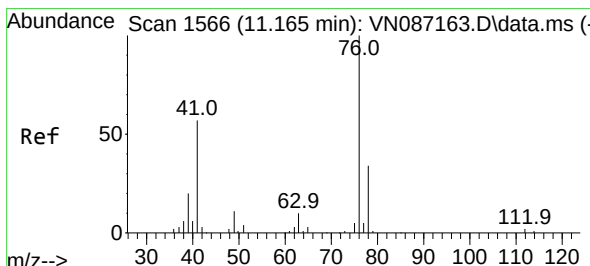
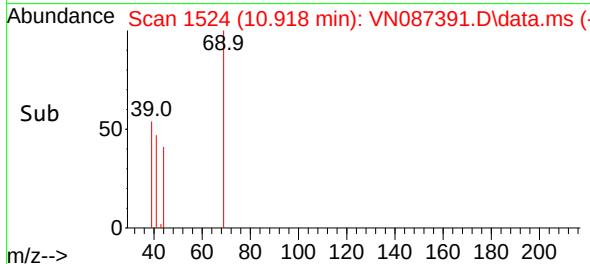
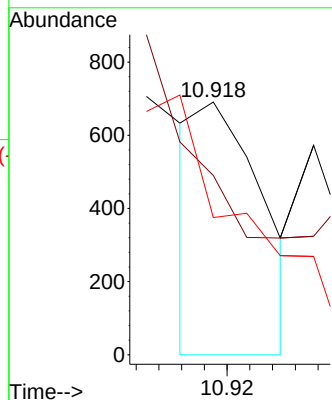
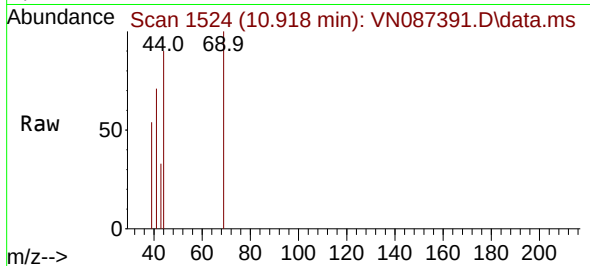




#51
Ethyl methacrylate
Concen: 0.224 ug/l
RT: 10.918 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN087391.D
Acq: 22 Jul 2025 15:50

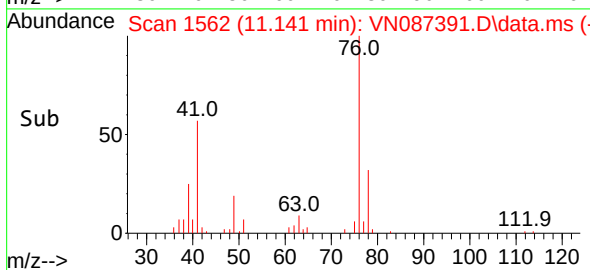
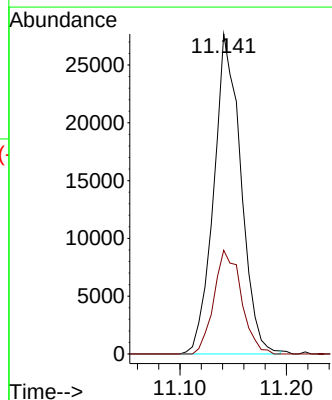
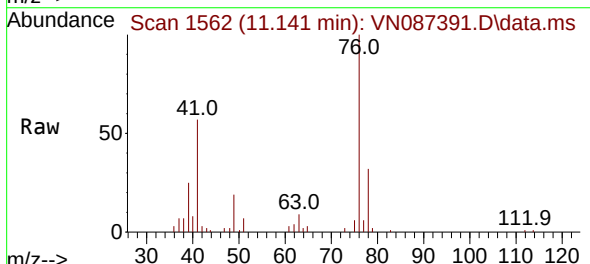
Instrument :
MSVOA_N
ClientSampleId :
VN0722WBS02

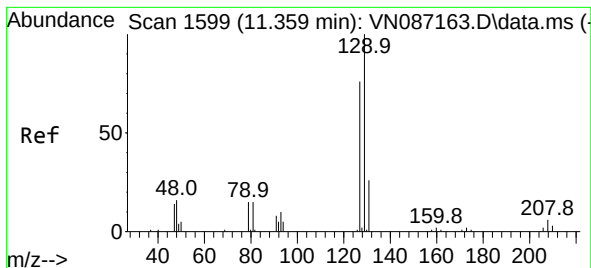
Tgt Ion: 69	Resp: 547
Ion Ratio	Lower Upper
69 100	
41 46.0	31.8 95.3
39 28.0	15.3 45.8



#52
1,3-Dichloropropane
Concen: 17.814 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.024 min
Lab File: VN087391.D
Acq: 22 Jul 2025 15:50

Tgt Ion: 76	Resp: 49006
Ion Ratio	Lower Upper
76 100	
78 32.6	0.0 63.0

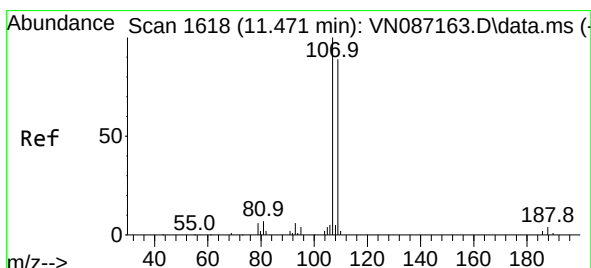
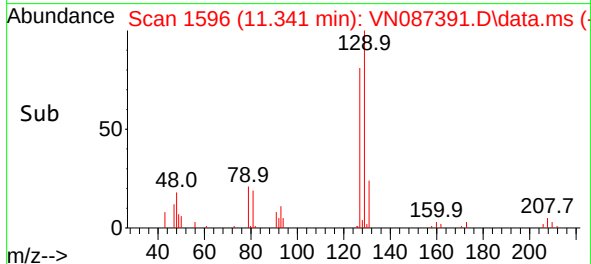
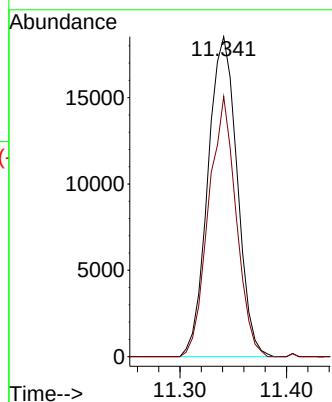
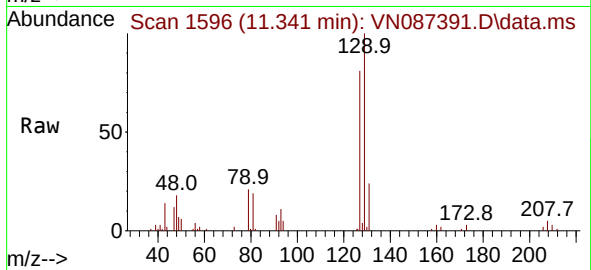




#53
Dibromochloromethane
Concen: 21.012 ug/l
RT: 11.341 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN087391.D
Acq: 22 Jul 2025 15:50

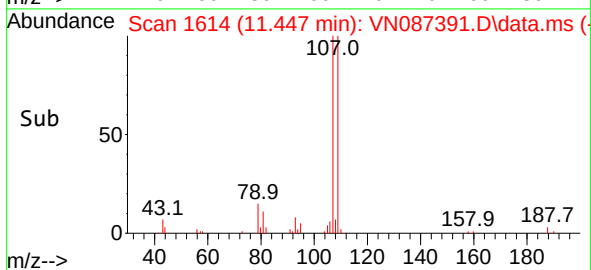
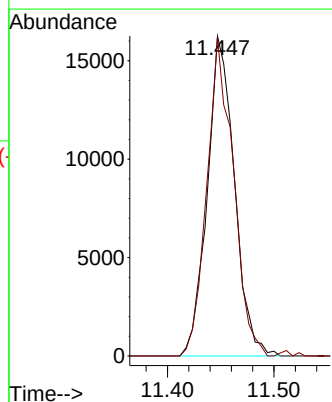
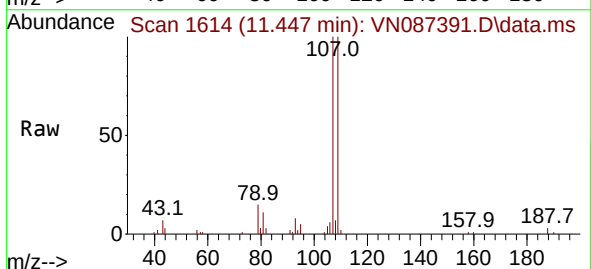
Instrument :
MSVOA_N
ClientSampleId :
VN0722WBS02

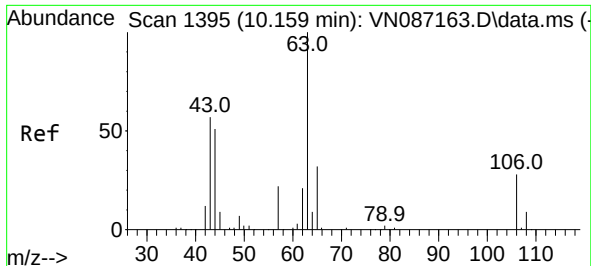
Tgt Ion:129 Resp: 35342
Ion Ratio Lower Upper
129 100
127 76.6 39.6 118.8



#54
1,2-Dibromoethane
Concen: 17.422 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.024 min
Lab File: VN087391.D
Acq: 22 Jul 2025 15:50

Tgt Ion:107 Resp: 28802
Ion Ratio Lower Upper
107 100
109 97.3 73.5 110.3

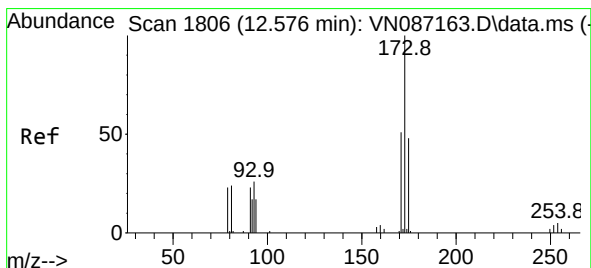
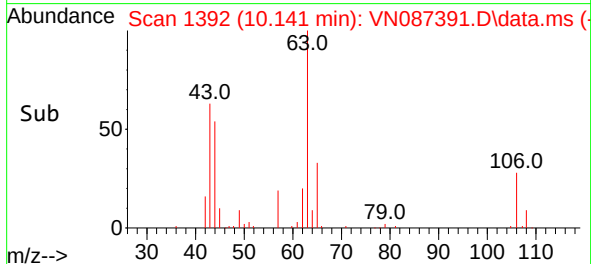
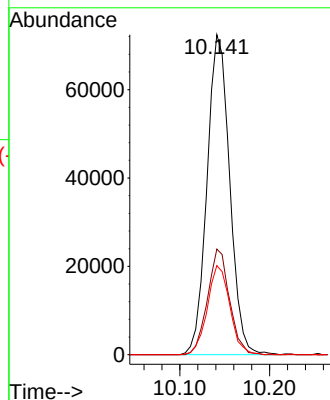
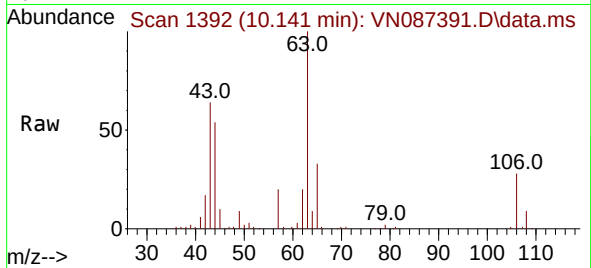




#55
2-Chloroethyl vinyl ether
Concen: 90.900 ug/l
RT: 10.141 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN087391.D
Acq: 22 Jul 2025 15:50

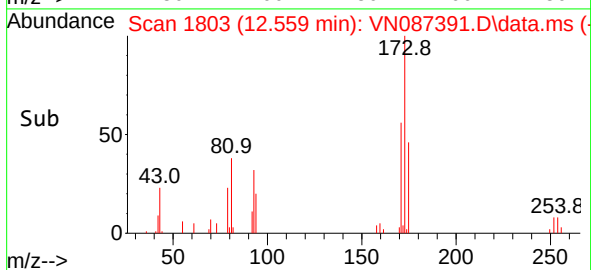
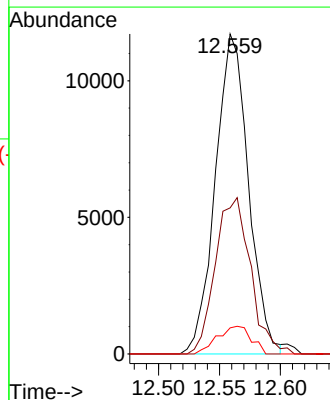
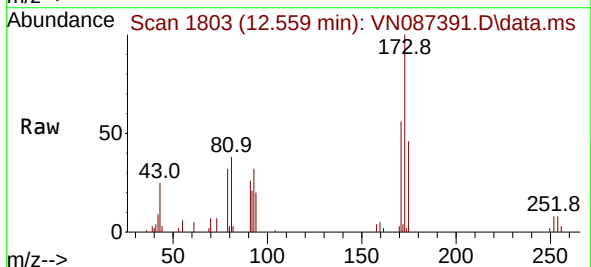
Instrument :
MSVOA_N
ClientSampleId :
VN0722WBS02

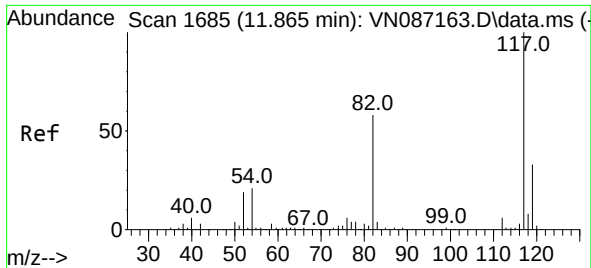
Tgt Ion: 63 Resp: 127073
Ion Ratio Lower Upper
63 100
65 31.8 25.6 38.4
106 27.6 21.9 32.9



#56
Bromoform
Concen: 19.162 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.018 min
Lab File: VN087391.D
Acq: 22 Jul 2025 15:50

Tgt Ion:173 Resp: 22156
Ion Ratio Lower Upper
173 100
175 51.8 38.7 58.1
254 8.9 4.2 6.4#

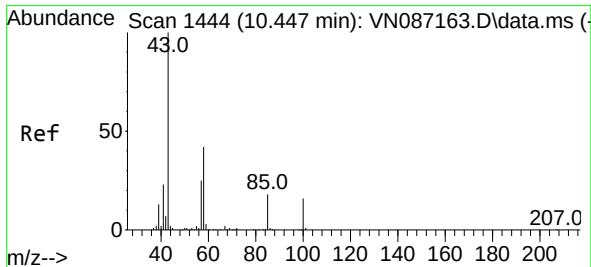
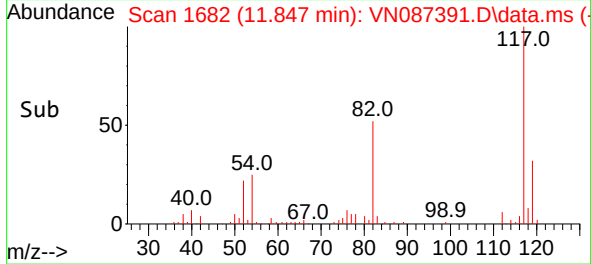
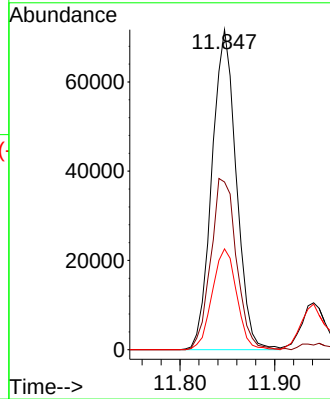
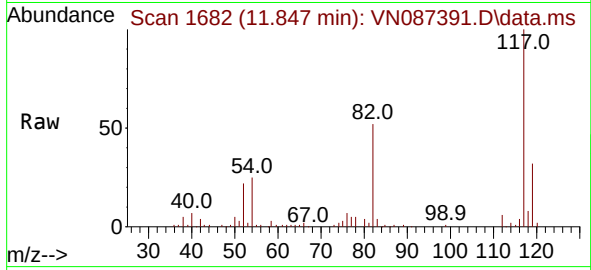




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN087391.D
Acq: 22 Jul 2025 15:50

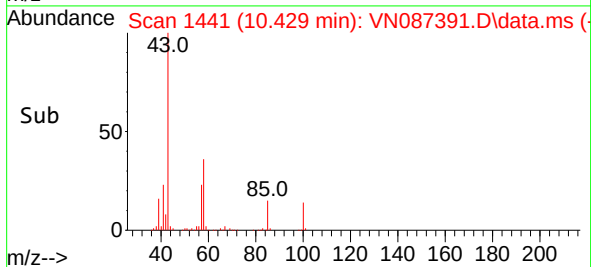
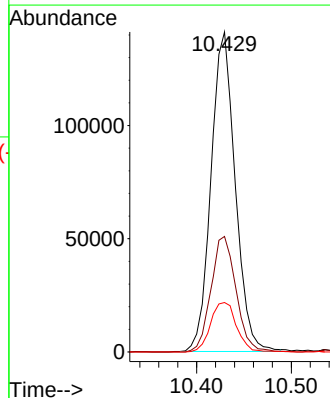
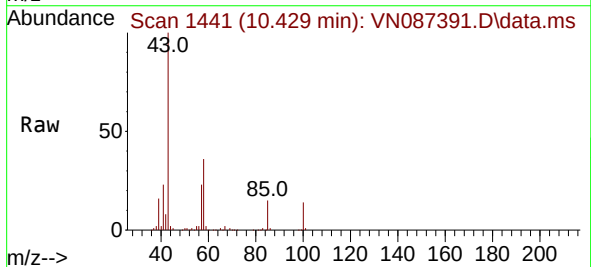
Instrument :
MSVOA_N
ClientSampleId :
VN0722WBS02

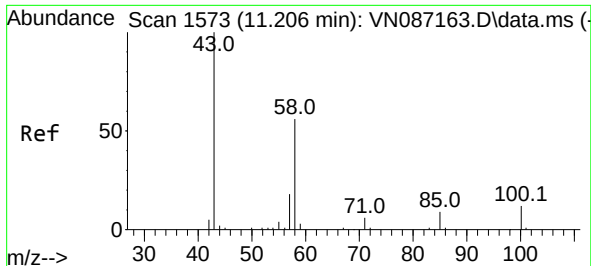
Tgt Ion:117 Resp: 128141
Ion Ratio Lower Upper
117 100
82 56.3 45.4 68.2
119 31.7 26.2 39.4



#58
4-Methyl-2-Pentanone
Concen: 97.137 ug/l
RT: 10.429 min Scan# 1441
Delta R.T. -0.018 min
Lab File: VN087391.D
Acq: 22 Jul 2025 15:50

Tgt Ion: 43 Resp: 250236
Ion Ratio Lower Upper
43 100
58 37.4 32.6 49.0
85 16.6 14.6 22.0

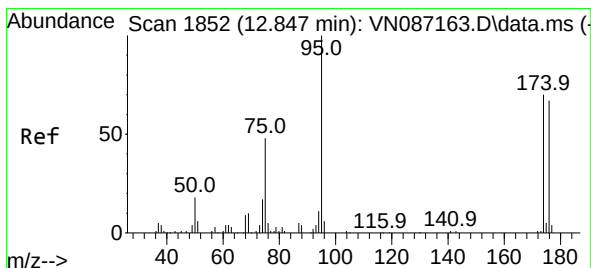
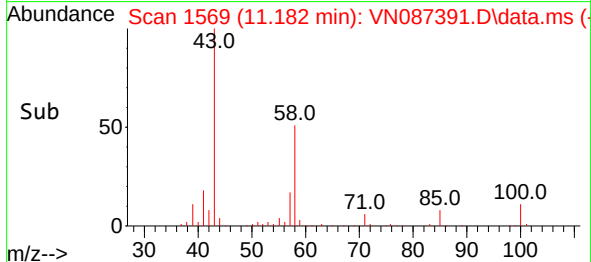
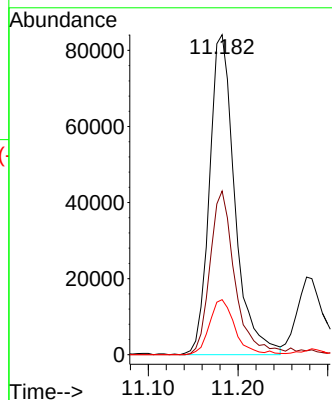
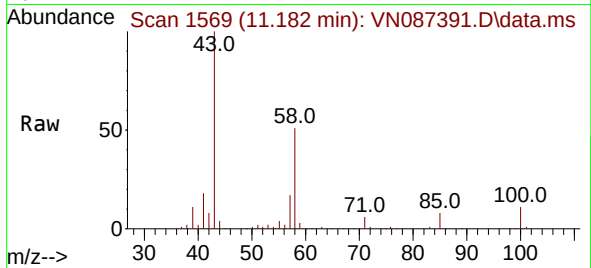




#59
2-Hexanone
Concen: 99.392 ug/l
RT: 11.182 min Scan# 11
Delta R.T. -0.024 min
Lab File: VN087391.D
Acq: 22 Jul 2025 15:50

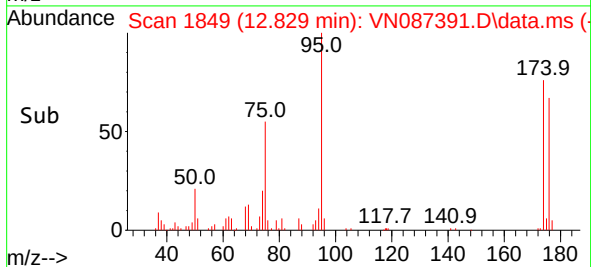
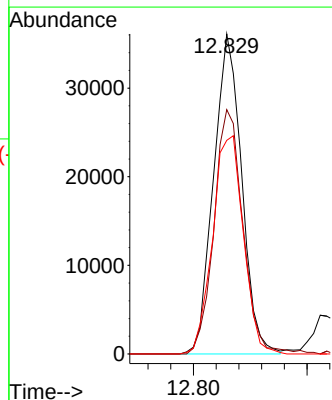
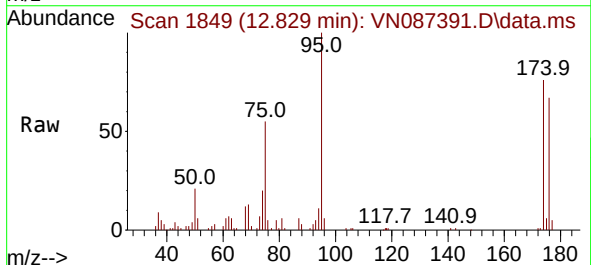
Instrument :
MSVOA_N
ClientSampleId :
VN0722WBS02

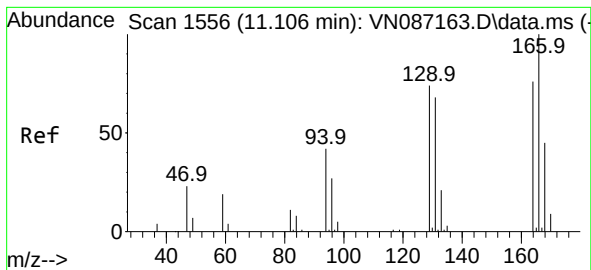
Tgt Ion: 43 Resp: 165334
Ion Ratio Lower Upper
43 100
58 50.1 49.2 73.8
57 17.0 15.3 22.9



#60
4-Bromofluorobenzene
Concen: 31.291 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.018 min
Lab File: VN087391.D
Acq: 22 Jul 2025 15:50

Tgt Ion: 95 Resp: 61874
Ion Ratio Lower Upper
95 100
174 77.7 54.5 81.7
176 74.7 51.9 77.9





#61

Tetrachloroethene

Concen: 16.724 ug/l

RT: 11.088 min Scan# 11

Delta R.T. -0.018 min

Lab File: VN087391.D

Acq: 22 Jul 2025 15:50

Instrument :

MSVOA_N

ClientSampleId :

VN0722WBS02

Tgt Ion:164 Resp: 21223

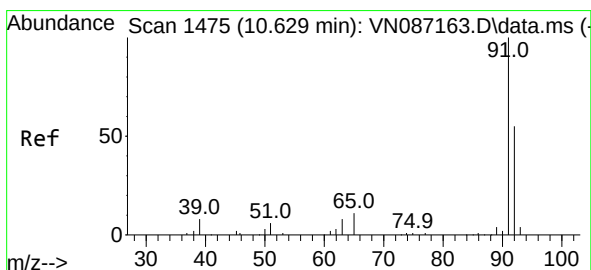
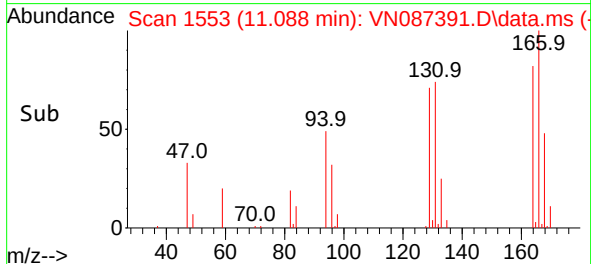
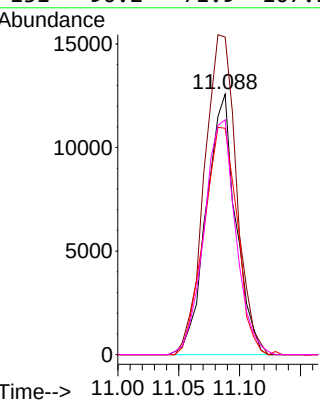
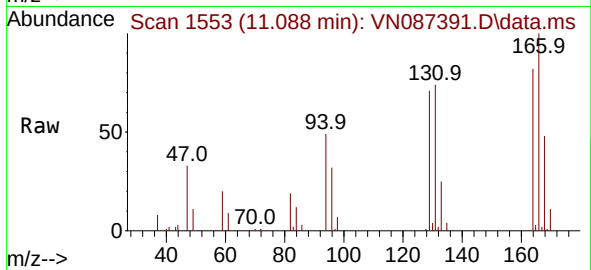
Ion Ratio Lower Upper

164 100

166 121.9 105.4 158.2

129 86.9 77.9 116.9

131 90.2 71.9 107.9



#62

Toluene

Concen: 16.060 ug/l

RT: 10.612 min Scan# 1472

Delta R.T. -0.018 min

Lab File: VN087391.D

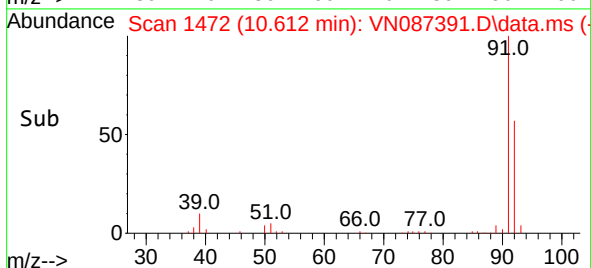
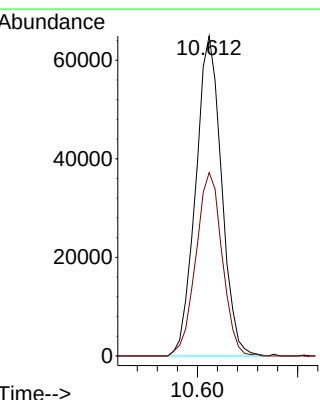
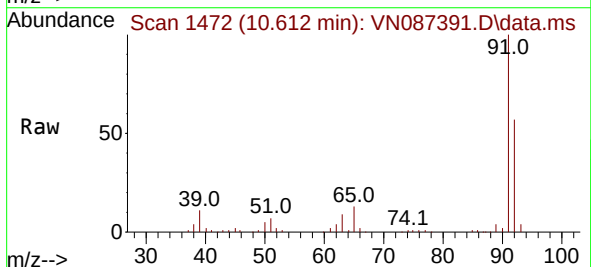
Acq: 22 Jul 2025 15:50

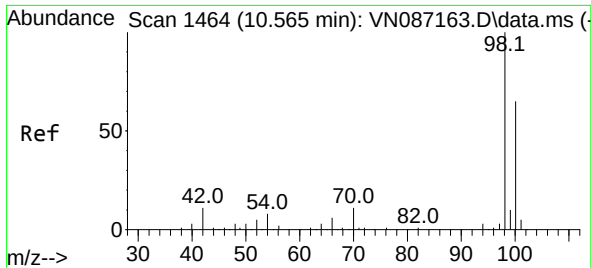
Tgt Ion: 91 Resp: 116231

Ion Ratio Lower Upper

91 100

92 58.2 45.8 68.8

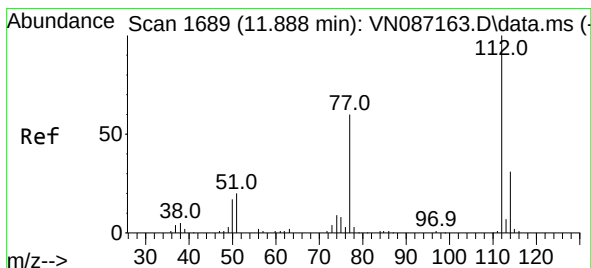
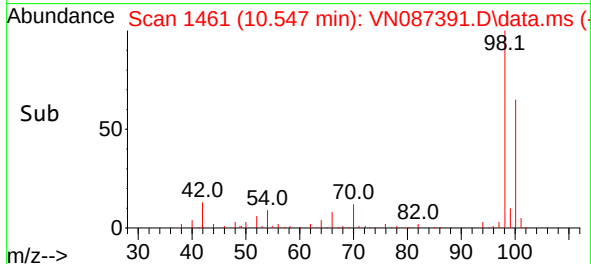
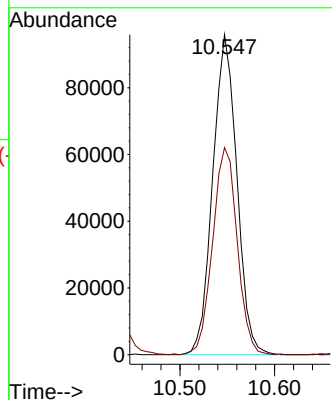
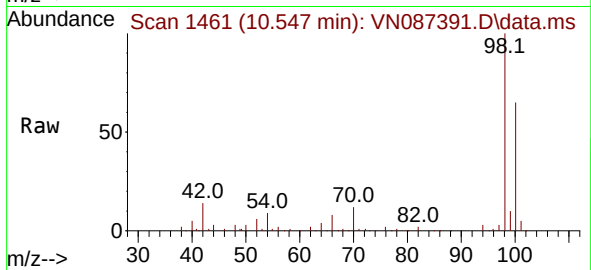




#63
Toluene-d8
Concen: 29.523 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.018 min
Lab File: VN087391.D
Acq: 22 Jul 2025 15:50

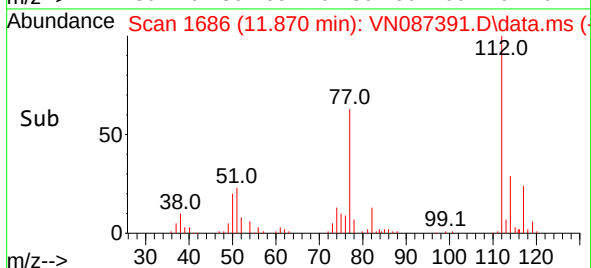
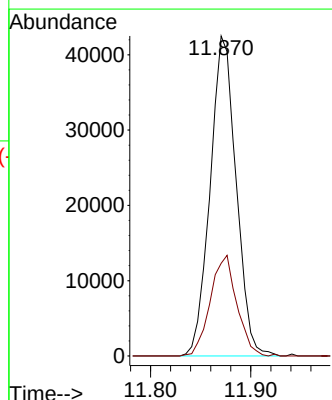
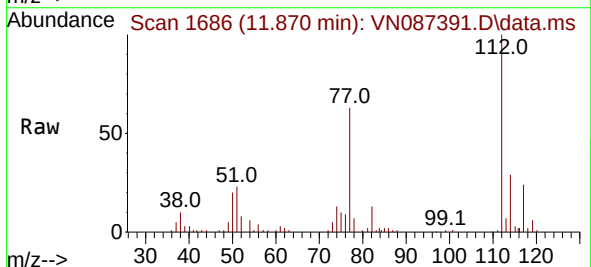
Instrument :
MSVOA_N
ClientSampleId :
VN0722WBS02

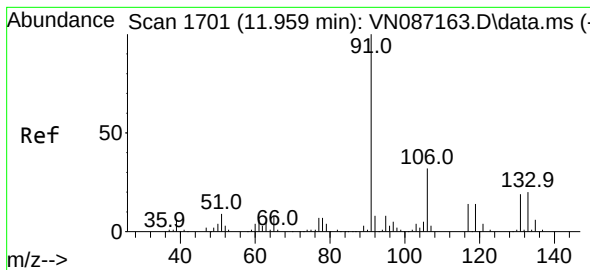
Tgt Ion: 98 Resp: 169859
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7



#64
Chlorobenzene
Concen: 16.584 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.018 min
Lab File: VN087391.D
Acq: 22 Jul 2025 15:50

Tgt Ion: 112 Resp: 76559
Ion Ratio Lower Upper
112 100
114 29.0 25.0 37.4

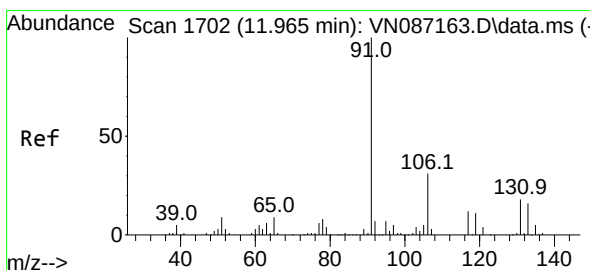
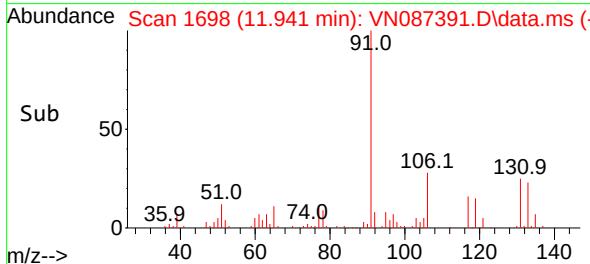
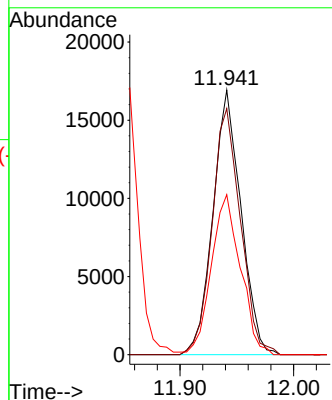
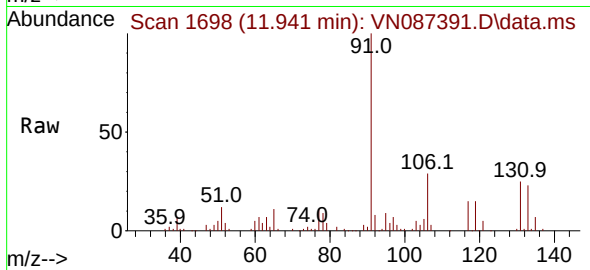




#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.081 ug/l
 RT: 11.941 min Scan# 1698
 Delta R.T. -0.018 min
 Lab File: VN087391.D
 Acq: 22 Jul 2025 15:50

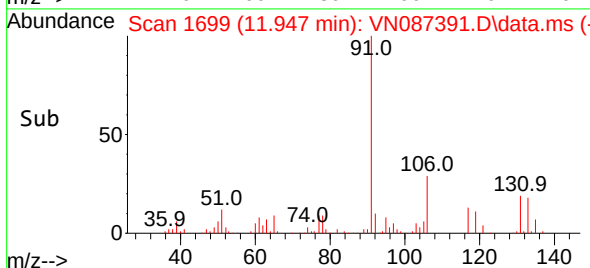
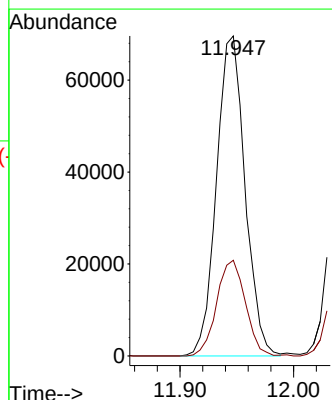
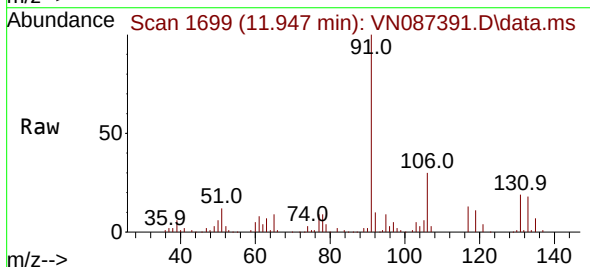
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0722WBS02

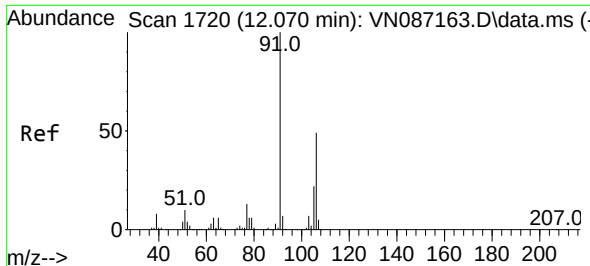
Tgt Ion:131 Resp: 29105
 Ion Ratio Lower Upper
 131 100
 133 94.0 0.0 187.8
 119 62.7 0.0 140.0



#66
 Ethyl Benzene
 Concen: 15.351 ug/l
 RT: 11.947 min Scan# 1699
 Delta R.T. -0.018 min
 Lab File: VN087391.D
 Acq: 22 Jul 2025 15:50

Tgt Ion: 91 Resp: 121606
 Ion Ratio Lower Upper
 91 100
 106 29.9 24.8 37.2

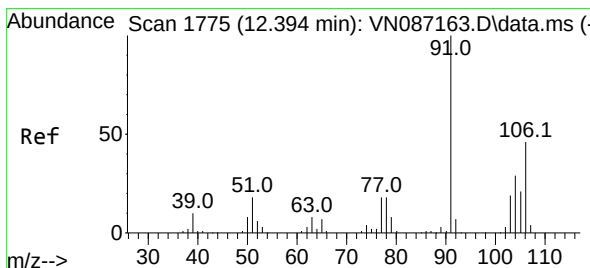
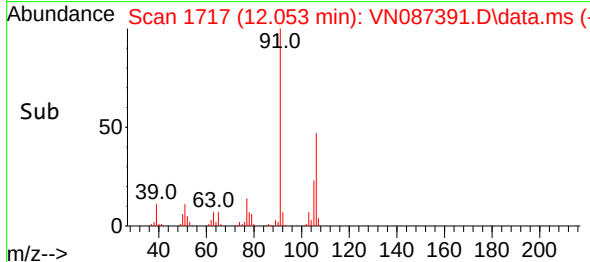
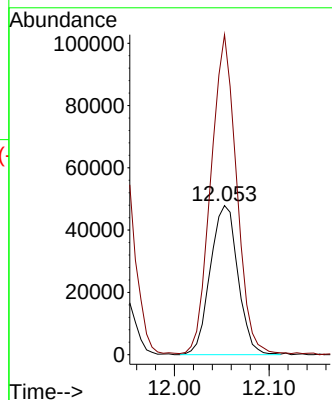
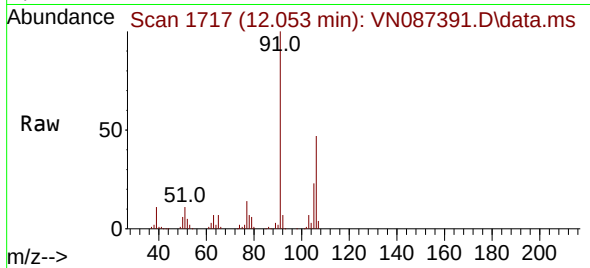




#67
m/p-Xylenes
Concen: 31.983 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. -0.018 min
Lab File: VN087391.D
Acq: 22 Jul 2025 15:50

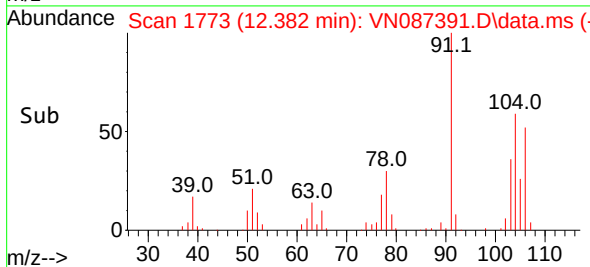
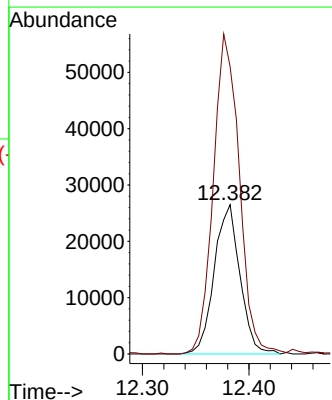
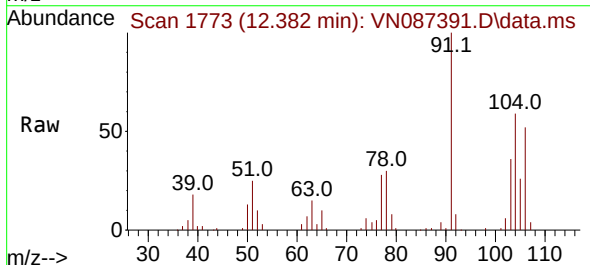
Instrument :
MSVOA_N
ClientSampleId :
VN0722WBS02

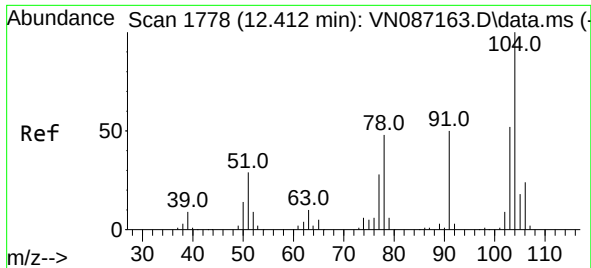
Tgt Ion:106 Resp: 97084
Ion Ratio Lower Upper
106 100
91 200.4 163.0 244.4



#68
o-Xylene
Concen: 15.339 ug/l
RT: 12.382 min Scan# 1773
Delta R.T. -0.012 min
Lab File: VN087391.D
Acq: 22 Jul 2025 15:50

Tgt Ion:106 Resp: 44422
Ion Ratio Lower Upper
106 100
91 216.3 107.1 321.1

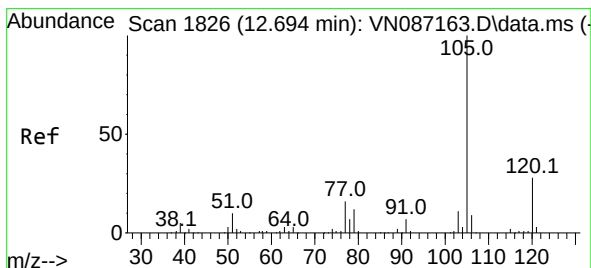
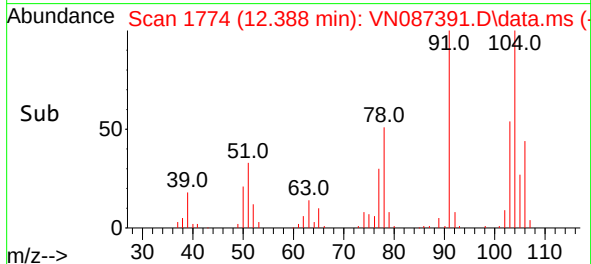
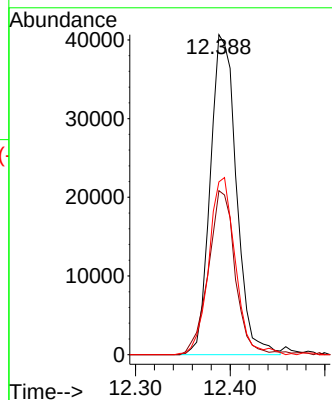
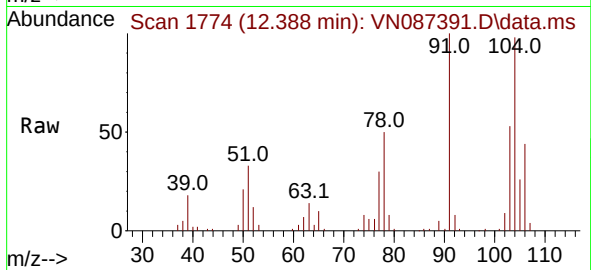




#69
Styrene
Concen: 15.646 ug/l
RT: 12.388 min Scan# 11
Delta R.T. -0.024 min
Lab File: VN087391.D
Acq: 22 Jul 2025 15:50

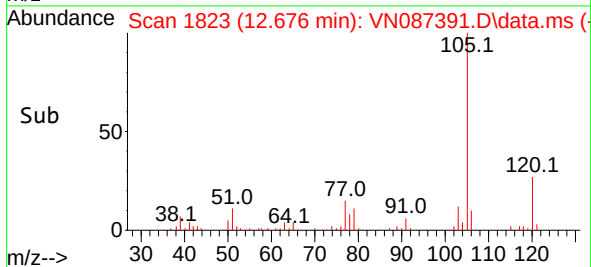
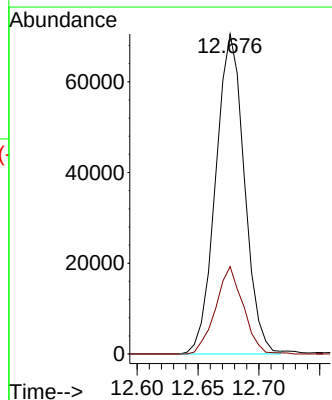
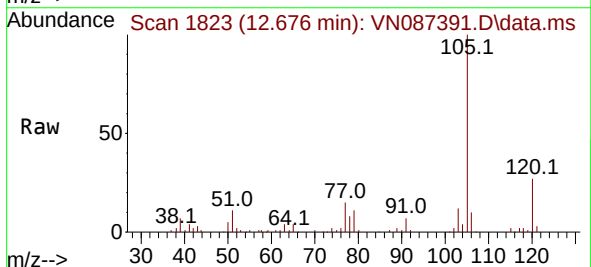
Instrument :
MSVOA_N
ClientSampleId :
VN0722WBS02

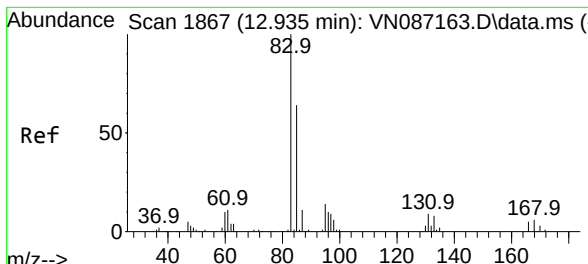
Tgt Ion:104 Resp: 77788
Ion Ratio Lower Upper
104 100
78 52.2 39.8 59.8
103 55.5 44.2 66.4



#70
Isopropylbenzene
Concen: 16.030 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. -0.018 min
Lab File: VN087391.D
Acq: 22 Jul 2025 15:50

Tgt Ion:105 Resp: 115616
Ion Ratio Lower Upper
105 100
120 26.2 19.0 35.2

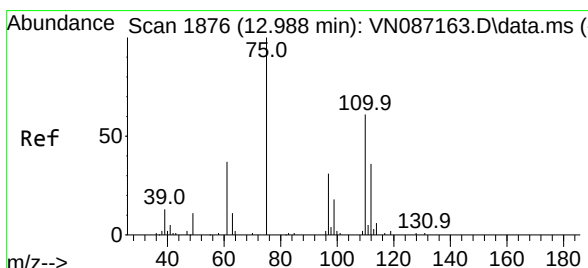
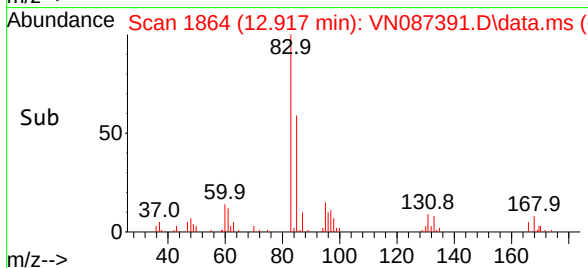
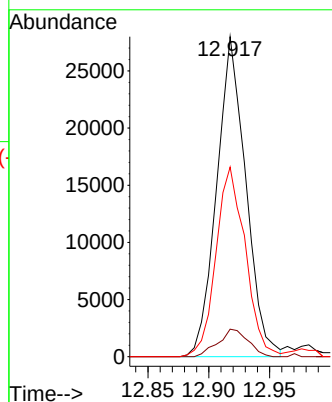
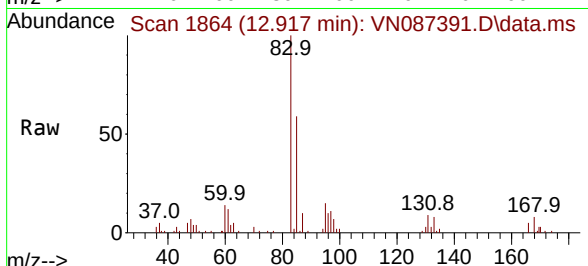




#71
 1,1,2,2-Tetrachloroethane
 Concen: 17.969 ug/l
 RT: 12.917 min Scan# 1864
 Delta R.T. -0.018 min
 Lab File: VN087391.D
 Acq: 22 Jul 2025 15:50

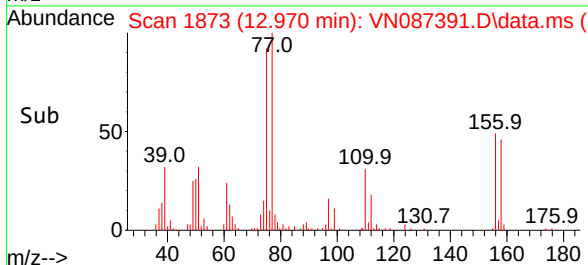
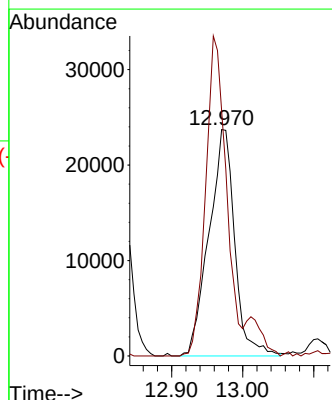
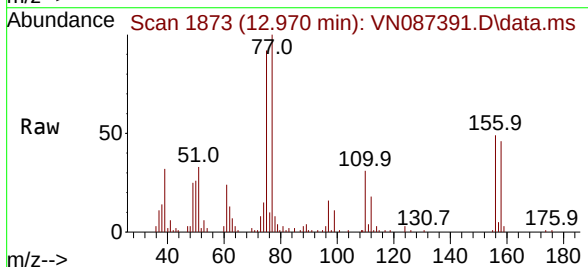
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0722WBS02

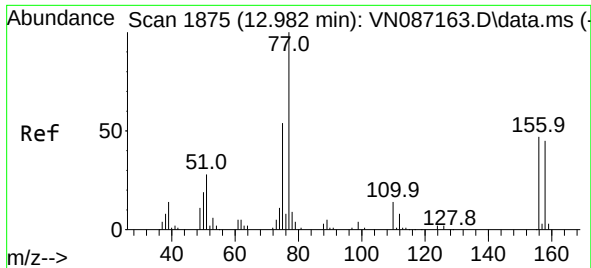
Tgt Ion:	83	Resp:	46649
Ion Ratio	Lower	Upper	
83	100		
131	8.8	4.5	13.4
85	59.6	31.3	93.9



#72
 1,2,3-Trichloropropane
 Concen: 26.719 ug/l
 RT: 12.970 min Scan# 1873
 Delta R.T. -0.018 min
 Lab File: VN087391.D
 Acq: 22 Jul 2025 15:50

Tgt Ion:	75	Resp:	59818
Ion Ratio	Lower	Upper	
75	100		
77	113.1	0.0	379.2

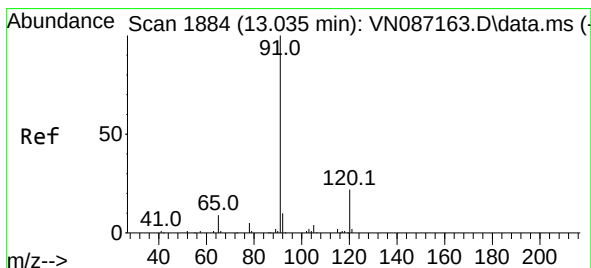
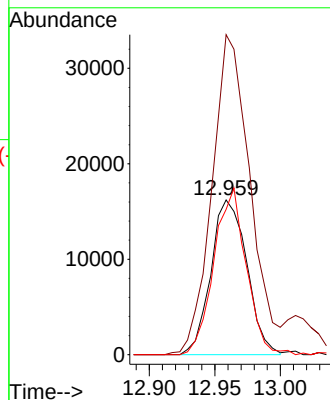
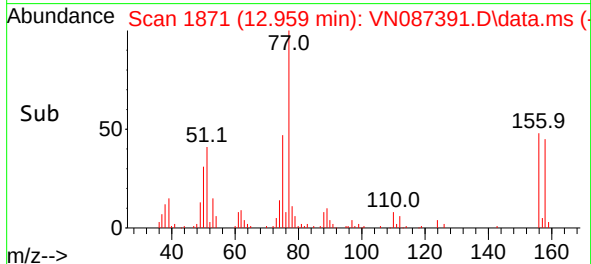
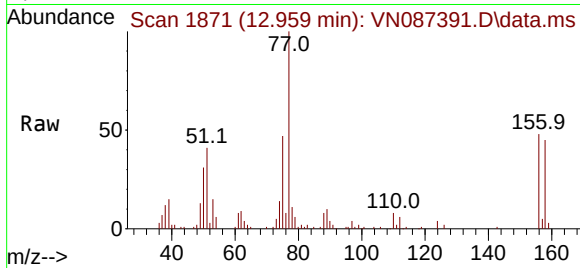




#73
Bromobenzene
Concen: 17.651 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.024 min
Lab File: VN087391.D
Acq: 22 Jul 2025 15:50

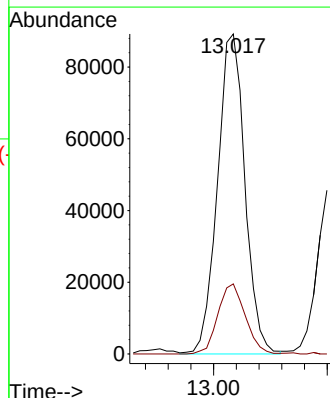
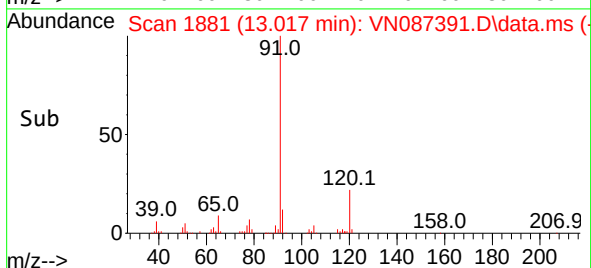
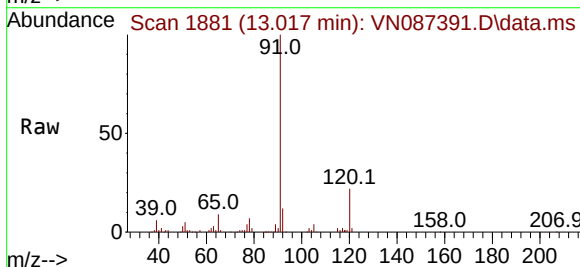
Instrument :
MSVOA_N
ClientSampleId :
VN0722WBS02

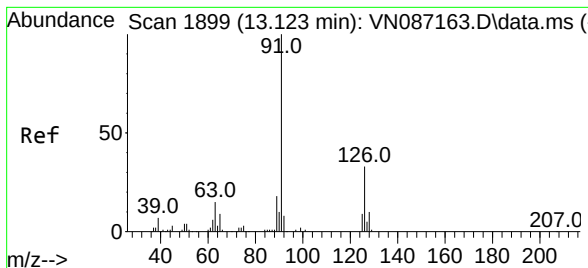
Tgt Ion:156 Resp: 30882
Ion Ratio Lower Upper
156 100
77 219.1 0.0 489.0
158 96.3 0.0 195.2



#74
n-propylbenzene
Concen: 16.997 ug/l
RT: 13.017 min Scan# 1881
Delta R.T. -0.018 min
Lab File: VN087391.D
Acq: 22 Jul 2025 15:50

Tgt Ion: 91 Resp: 149770
Ion Ratio Lower Upper
91 100
120 21.8 0.0 43.6





#75

2-Chlorotoluene

Concen: 16.729 ug/l

RT: 13.106 min Scan# 11

Delta R.T. -0.018 min

Lab File: VN087391.D

Acq: 22 Jul 2025 15:50

Instrument :

MSVOA_N

ClientSampleId :

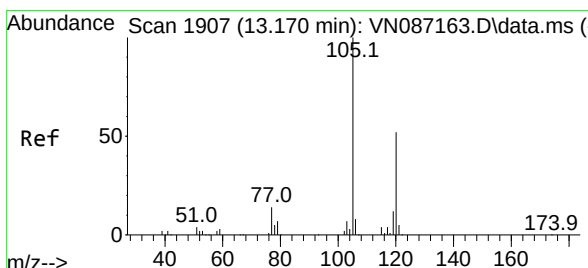
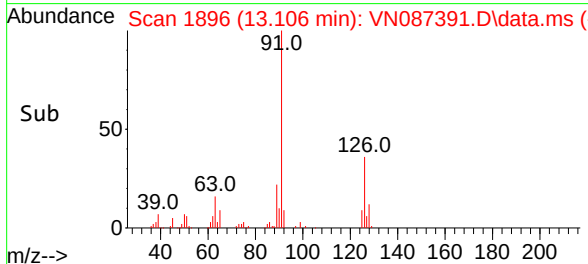
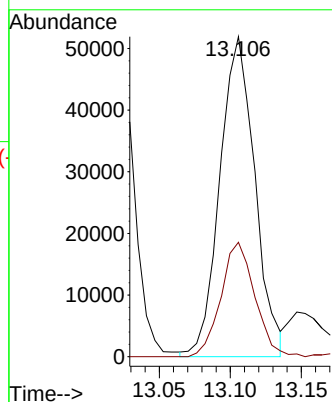
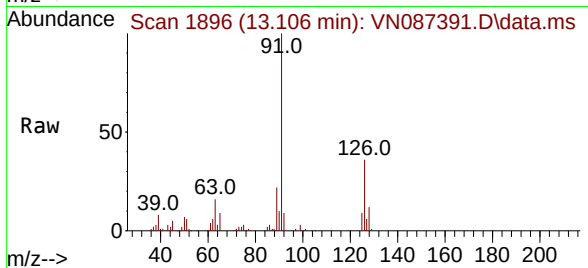
VN0722WBS02

Tgt Ion: 91 Resp: 89057

Ion Ratio Lower Upper

91 100

126 34.5 0.0 63.8



#76

1,3,5-Trimethylbenzene

Concen: 17.383 ug/l

RT: 13.153 min Scan# 1904

Delta R.T. -0.018 min

Lab File: VN087391.D

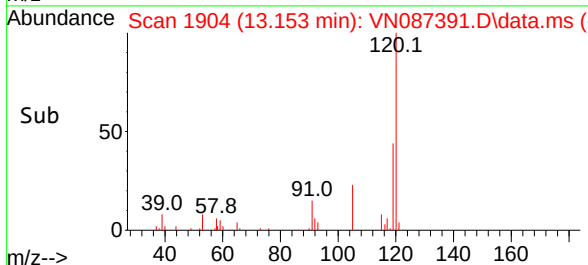
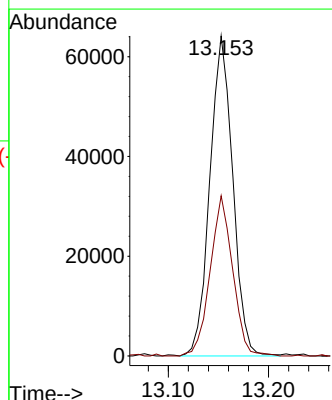
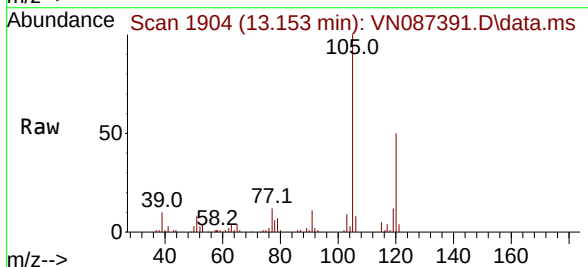
Acq: 22 Jul 2025 15:50

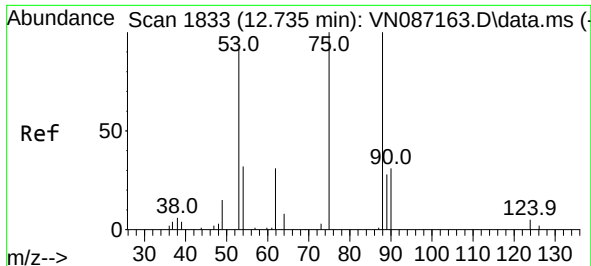
Tgt Ion:105 Resp: 102068

Ion Ratio Lower Upper

105 100

120 49.2 0.0 100.8





#77

t-1,4-Dichloro-2-butene

Concen: 14.686 ug/l

RT: 12.717 min Scan# 1830

Delta R.T. -0.018 min

Lab File: VN087391.D

Acq: 22 Jul 2025 15:50

Instrument :

MSVOA_N

ClientSampleId :

VN0722WBS02

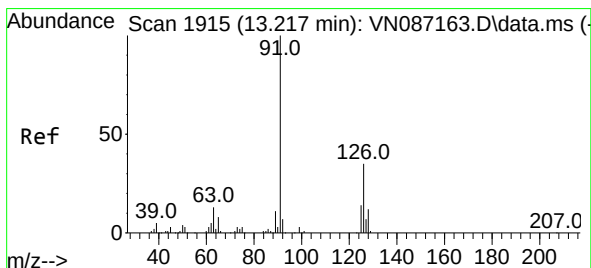
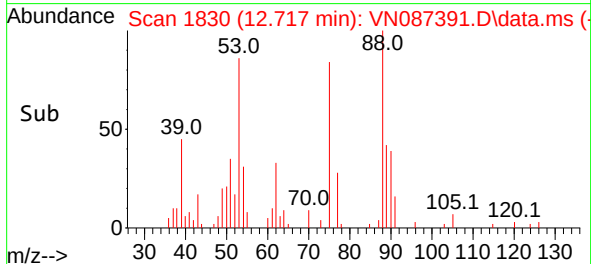
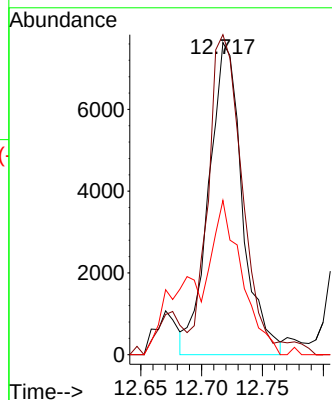
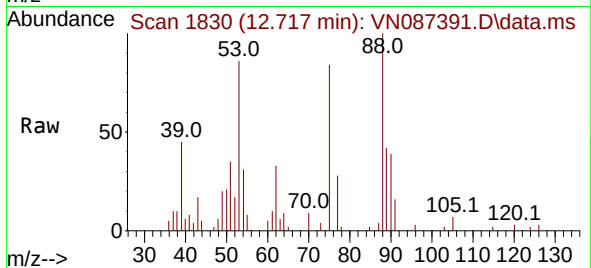
Tgt Ion: 75 Resp: 14584

Ion Ratio Lower Upper

75 100

53 102.5 45.9 137.6

89 51.5 22.3 66.9



#78

4-Chlorotoluene

Concen: 17.704 ug/l

RT: 13.200 min Scan# 1912

Delta R.T. -0.018 min

Lab File: VN087391.D

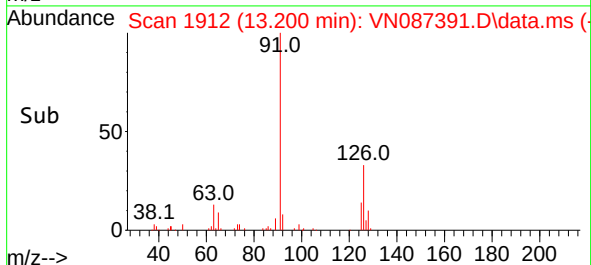
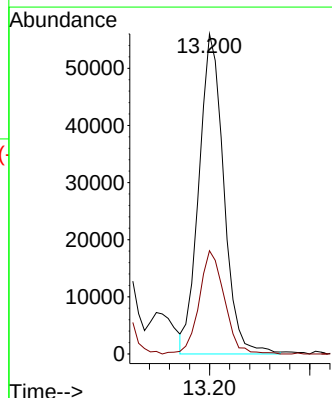
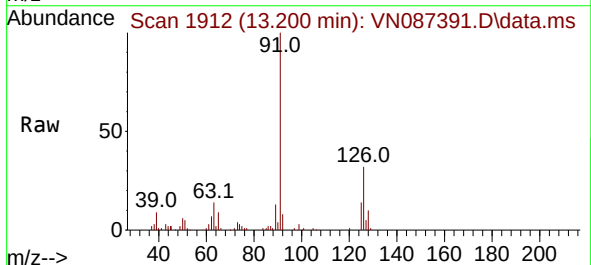
Acq: 22 Jul 2025 15:50

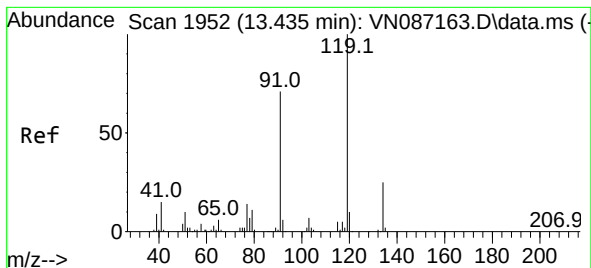
Tgt Ion: 91 Resp: 96524

Ion Ratio Lower Upper

91 100

126 32.5 0.0 65.2





#79

tert-butylbenzene

Concen: 17.048 ug/l

RT: 13.417 min Scan# 1949

Delta R.T. -0.018 min

Lab File: VN087391.D

Acq: 22 Jul 2025 15:50

Instrument :

MSVOA_N

ClientSampleId :

VN0722WBS02

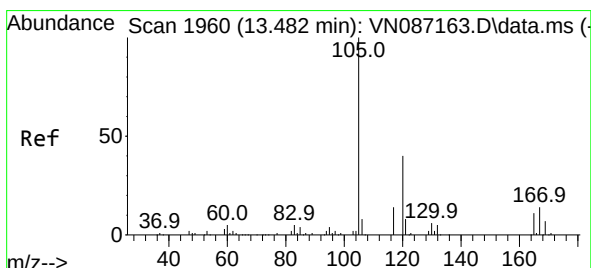
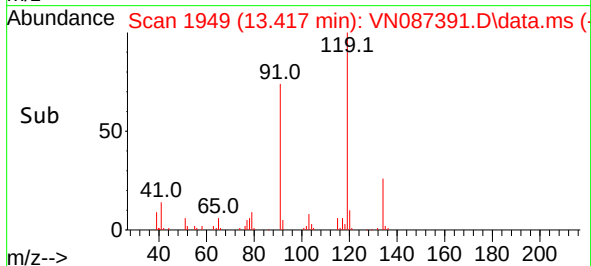
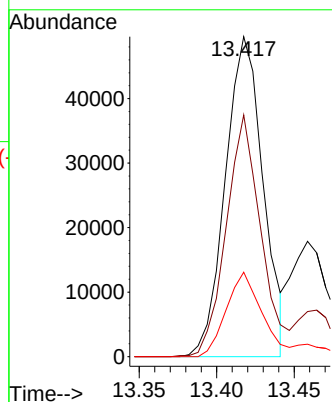
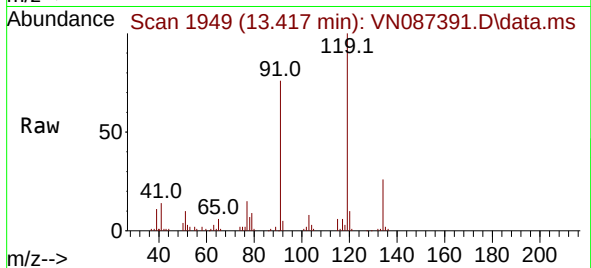
Tgt Ion:119 Resp: 84143

Ion Ratio Lower Upper

119 100

91 69.2 0.0 137.0

134 24.8 0.0 49.4



#80

1,2,4-Trimethylbenzene

Concen: 17.268 ug/l

RT: 13.464 min Scan# 1957

Delta R.T. -0.018 min

Lab File: VN087391.D

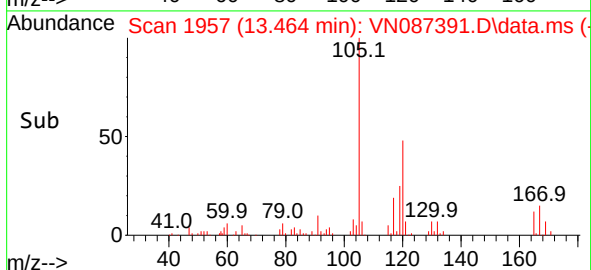
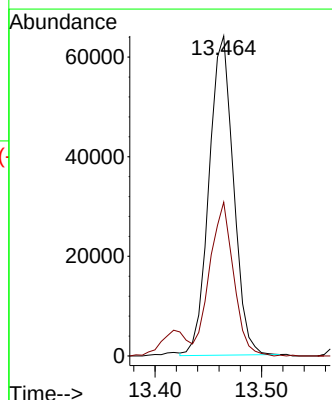
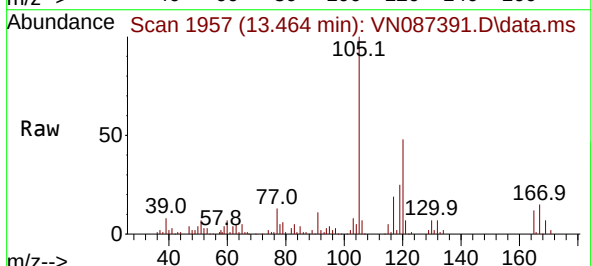
Acq: 22 Jul 2025 15:50

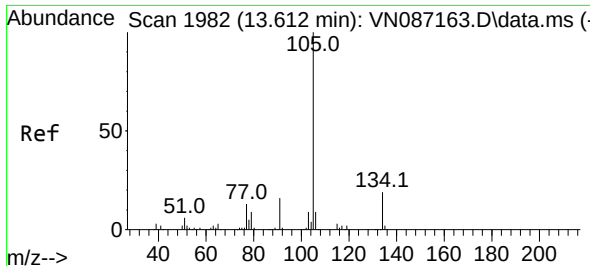
Tgt Ion:105 Resp: 101815

Ion Ratio Lower Upper

105 100

120 47.1 0.0 94.0

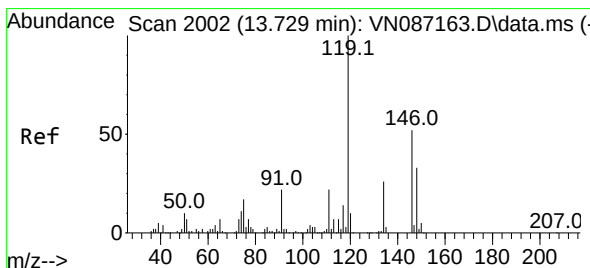
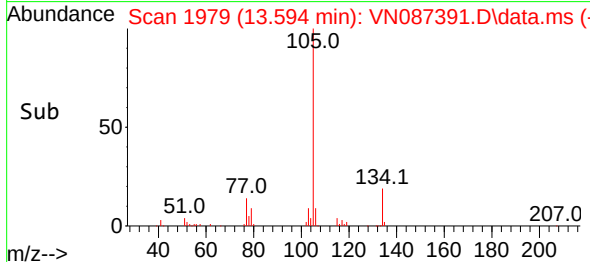
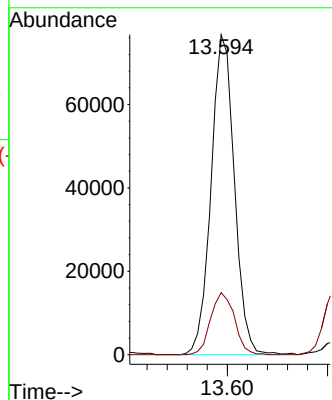
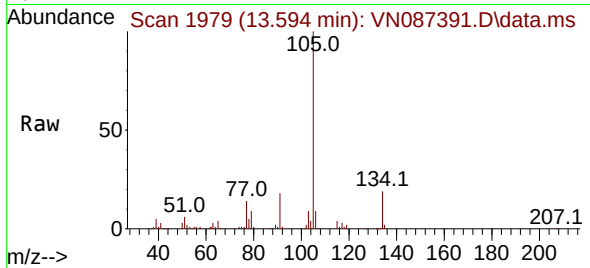




#81
 sec-Butylbenzene
 Concen: 17.251 ug/l
 RT: 13.594 min Scan# 1982
 Delta R.T. -0.018 min
 Lab File: VN087391.D
 Acq: 22 Jul 2025 15:50

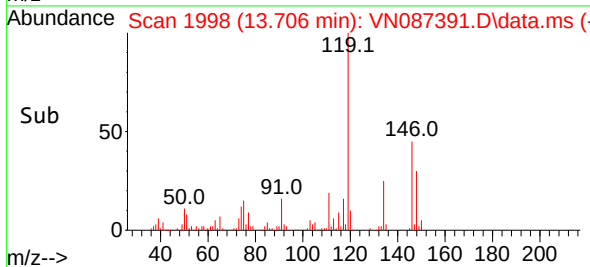
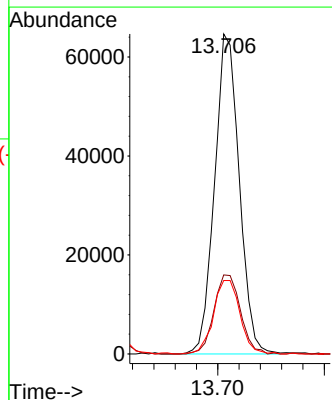
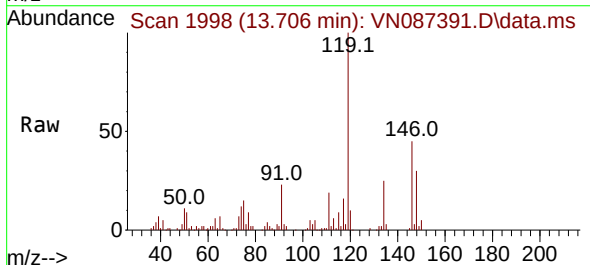
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0722WBS02

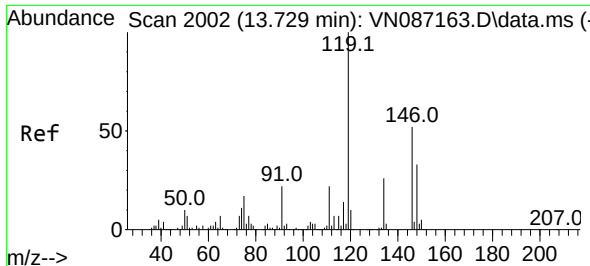
Tgt Ion:105 Resp: 123772
 Ion Ratio Lower Upper
 105 100
 134 19.8 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 17.392 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.024 min
 Lab File: VN087391.D
 Acq: 22 Jul 2025 15:50

Tgt Ion:119 Resp: 103843
 Ion Ratio Lower Upper
 119 100
 134 26.4 0.0 51.2
 91 24.8 0.0 46.4

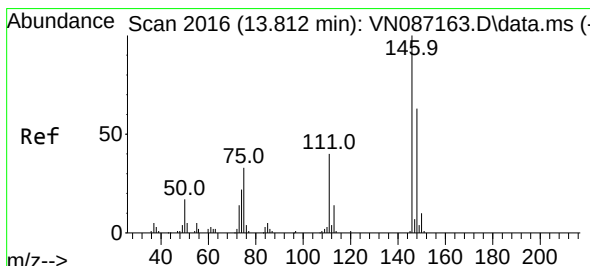
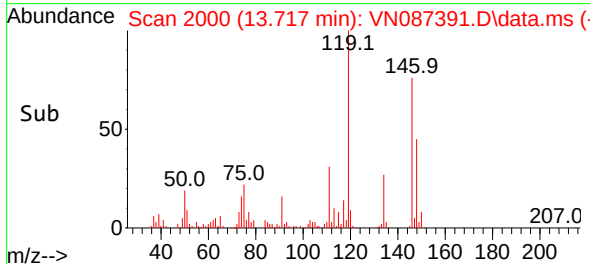
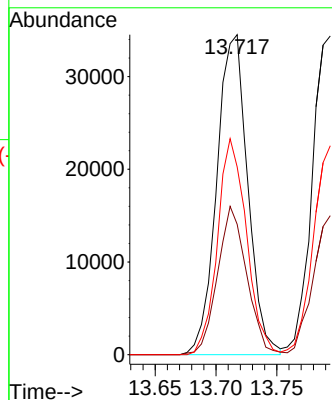
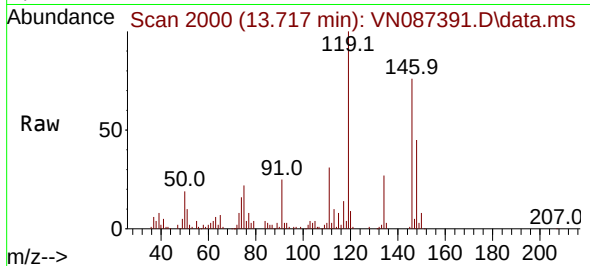




#83
1,3-Dichlorobenzene
Concen: 18.140 ug/l
RT: 13.717 min Scan# 2000
Delta R.T. -0.012 min
Lab File: VN087391.D
Acq: 22 Jul 2025 15:50

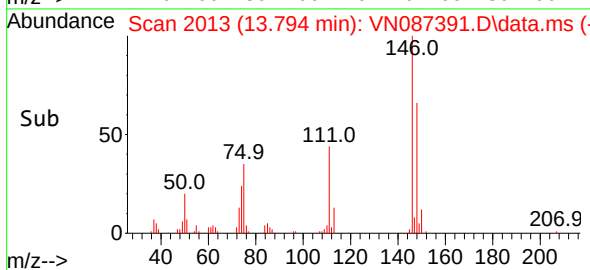
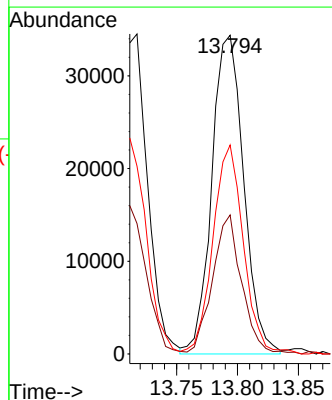
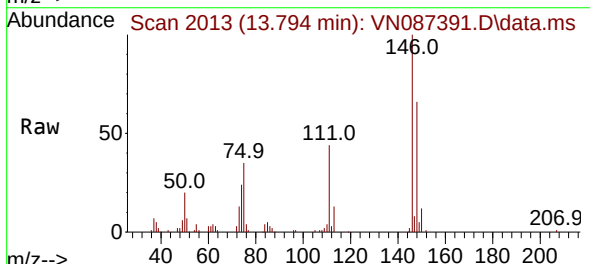
Instrument :
MSVOA_N
ClientSampleId :
VN0722WBS02

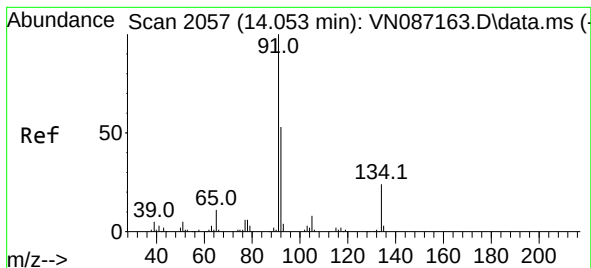
Tgt Ion:146 Resp: 61115
Ion Ratio Lower Upper
146 100
111 43.8 21.1 63.3
148 63.3 31.6 94.8



#84
1,4-Dichlorobenzene
Concen: 18.495 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.018 min
Lab File: VN087391.D
Acq: 22 Jul 2025 15:50

Tgt Ion:146 Resp: 62712
Ion Ratio Lower Upper
146 100
111 40.0 20.1 60.2
148 60.4 31.4 94.2





#85

n-Butylbenzene

Concen: 17.006 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. -0.018 min

Lab File: VN087391.D

Acq: 22 Jul 2025 15:50

Instrument :

MSVOA_N

ClientSampleId :

VN0722WBS02

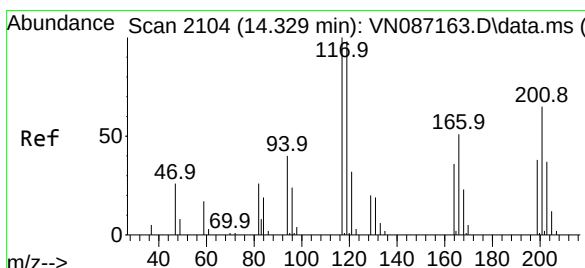
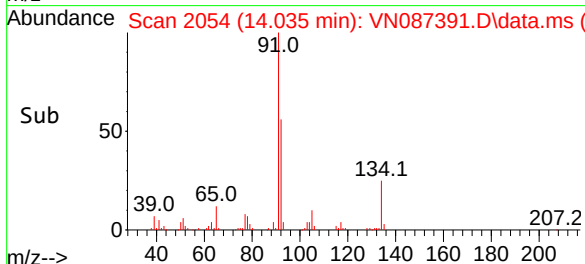
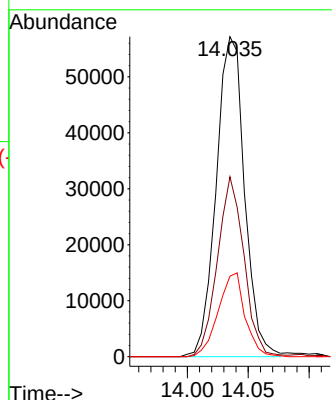
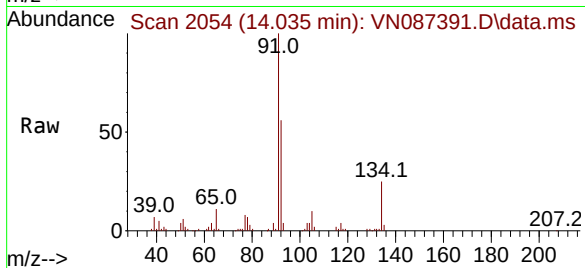
Tgt Ion: 91 Resp: 92646

Ion Ratio Lower Upper

91 100

92 52.6 0.0 106.4

134 24.7 0.0 48.8



#86

Hexachloroethane

Concen: 19.054 ug/l

RT: 14.311 min Scan# 2101

Delta R.T. -0.018 min

Lab File: VN087391.D

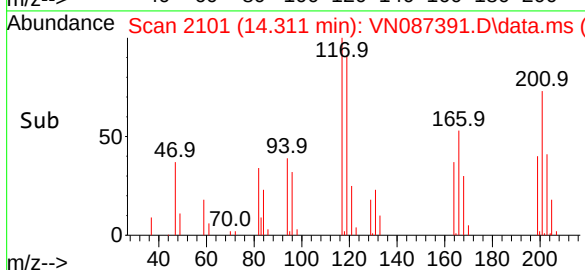
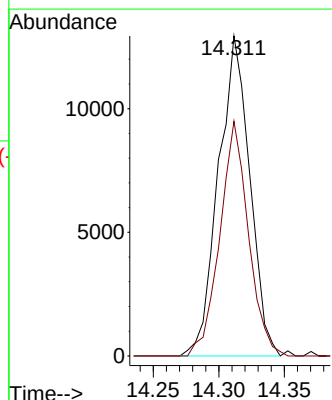
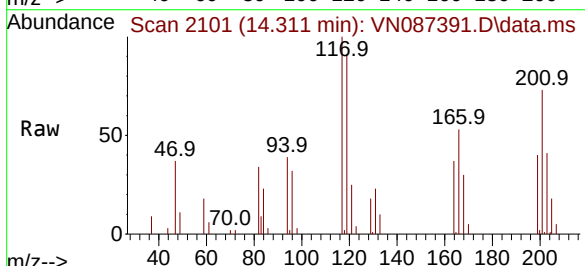
Acq: 22 Jul 2025 15:50

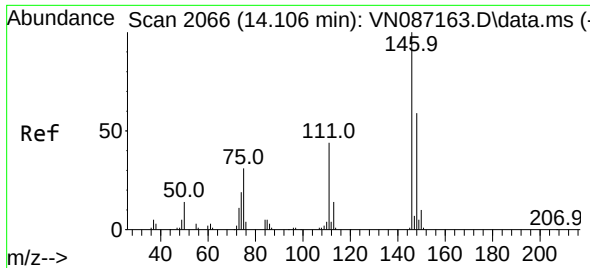
Tgt Ion: 117 Resp: 21536

Ion Ratio Lower Upper

117 100

201 66.9 30.8 92.3

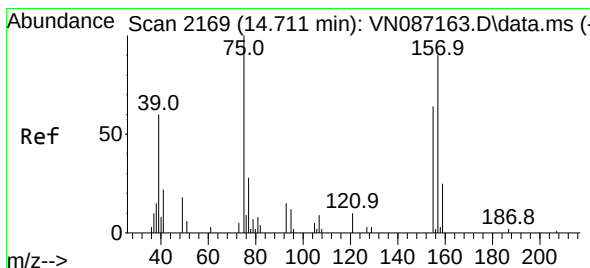
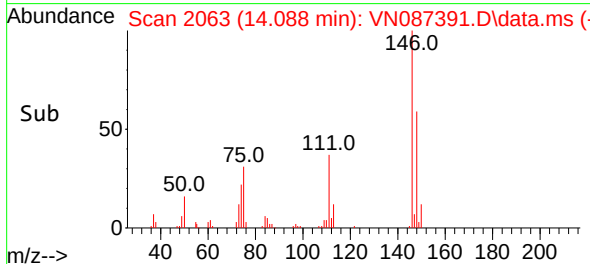
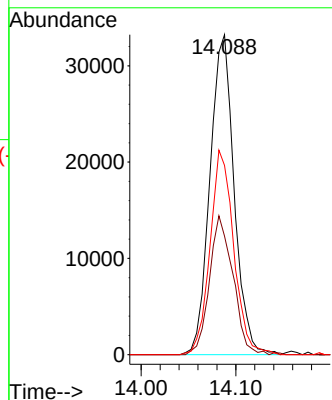
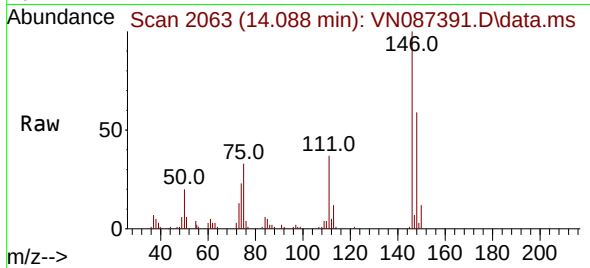




#87
1,2-Dichlorobenzene
Concen: 18.576 ug/l
RT: 14.088 min Scan# 2063
Delta R.T. -0.018 min
Lab File: VN087391.D
Acq: 22 Jul 2025 15:50

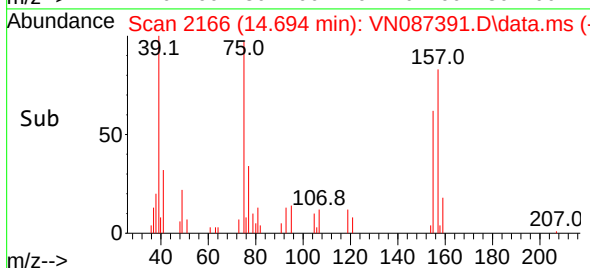
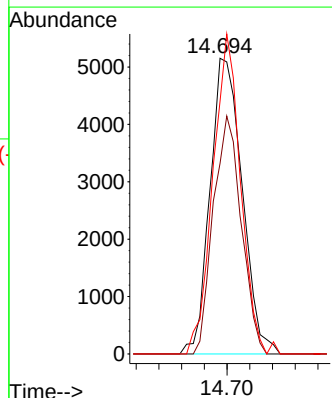
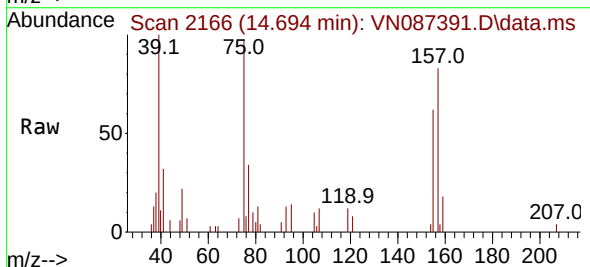
Instrument :
MSVOA_N
ClientSampleId :
VN0722WBS02

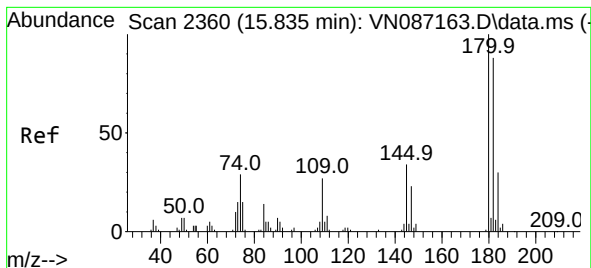
Tgt Ion:146 Resp: 59011
Ion Ratio Lower Upper
146 100
111 42.1 22.1 66.1
148 62.9 31.6 95.0



#88
1,2-Dibromo-3-Chloropropane
Concen: 17.294 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. -0.018 min
Lab File: VN087391.D
Acq: 22 Jul 2025 15:50

Tgt Ion: 75 Resp: 10110
Ion Ratio Lower Upper
75 100
155 70.2 58.3 87.5
157 92.6 79.2 118.8





#89

1,2,4-Trichlorobenzene

Concen: 18.736 ug/l

RT: 15.817 min Scan# 21

Delta R.T. -0.018 min

Lab File: VN087391.D

Acq: 22 Jul 2025 15:50

Instrument :

MSVOA_N

ClientSampleId :

VN0722WBS02

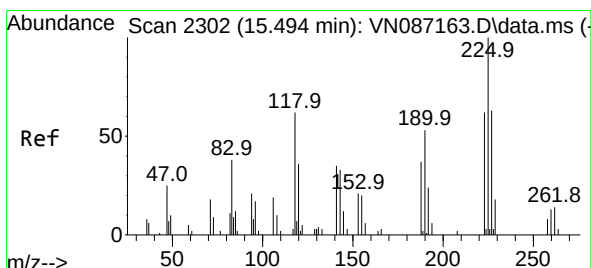
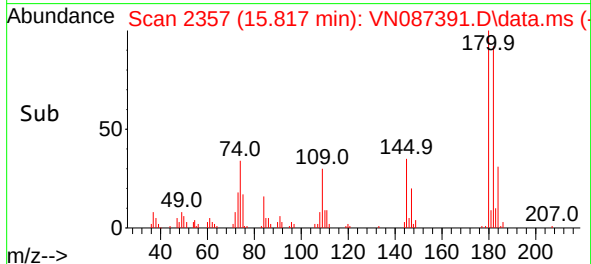
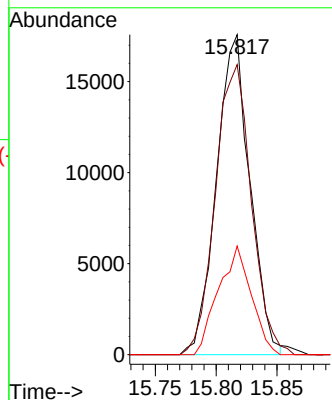
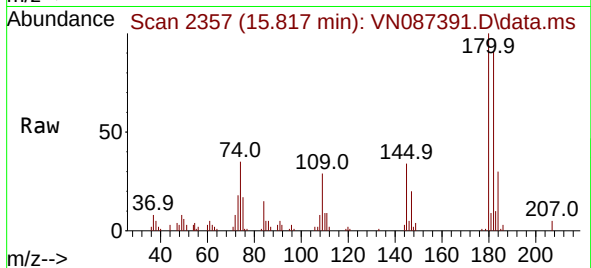
Tgt Ion:180 Resp: 33674

Ion Ratio Lower Upper

180 100

182 97.3 74.2 111.2

145 33.3 27.6 41.4



#90

Hexachlorobutadiene

Concen: 27.793 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. -0.018 min

Lab File: VN087391.D

Acq: 22 Jul 2025 15:50

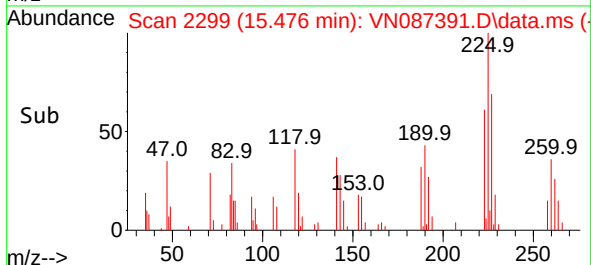
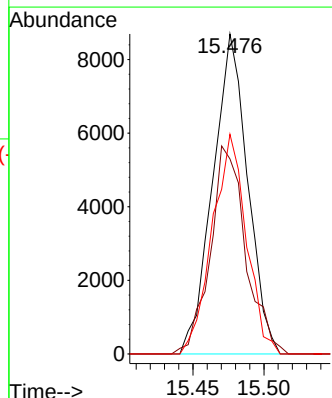
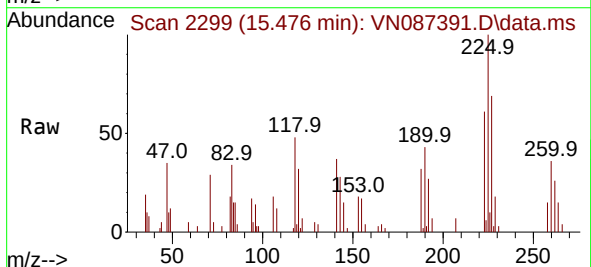
Tgt Ion:225 Resp: 14823

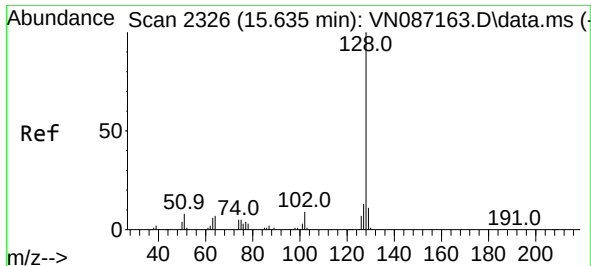
Ion Ratio Lower Upper

225 100

223 65.9 0.0 134.2

227 67.2 0.0 122.6

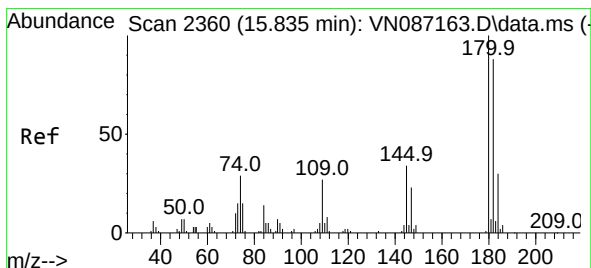
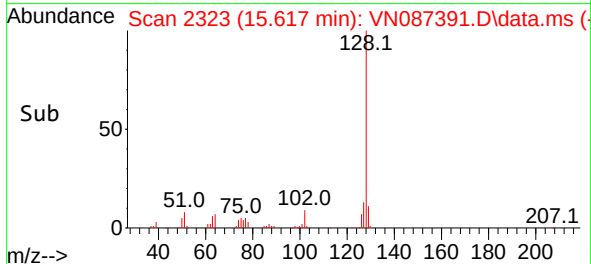
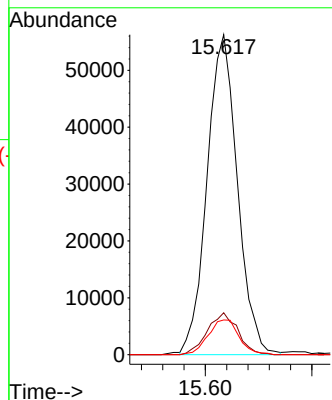
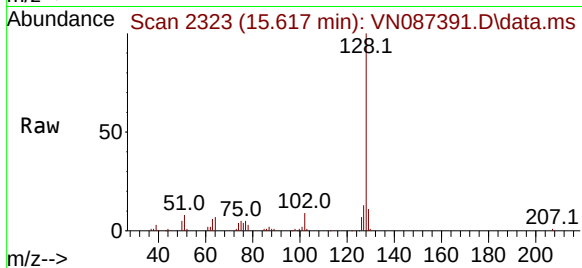




#91
Naphthalene
Concen: 15.735 ug/l
RT: 15.617 min Scan# 211
Delta R.T. -0.018 min
Lab File: VN087391.D
Acq: 22 Jul 2025 15:50

Instrument :
MSVOA_N
ClientSampleId :
VN0722WBS02

Tgt Ion:128 Resp: 111303
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 11.1 8.8 13.2



#92
1,2,3-Trichlorobenzene
Concen: 18.736 ug/l
RT: 15.817 min Scan# 2357
Delta R.T. -0.018 min
Lab File: VN087391.D
Acq: 22 Jul 2025 15:50

Tgt Ion:180 Resp: 33674
Ion Ratio Lower Upper
180 100
182 97.3 0.0 185.4
145 33.3 0.0 69.0

