

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072225\
 Data File : VN087390.D
 Acq On : 22 Jul 2025 15:14
 Operator : JC\MD
 Sample : VN0722WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0722WBS01

Quant Time: Jul 23 05:55:05 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	7.794	128	27991	30.000	ug/l	-0.03
28) 1,4-Difluorobenzene	9.082	114	135487	30.000	ug/l	-0.02
57) Chlorobenzene-d5	11.847	117	126406	30.000	ug/l	-0.02
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	70001	33.192	ug/l	-0.02
Spiked Amount	30.000	Range	91 - 110	Recovery	= 110.633%#	
60) 4-Bromofluorobenzene	12.829	95	59701	30.607	ug/l	-0.02
Spiked Amount	30.000	Range	63 - 112	Recovery	= 102.033%	
63) Toluene-d8	10.547	98	172491	30.392	ug/l	-0.02
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.300%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	24648	14.628	ug/l	92
3) Chloromethane	2.389	50	24767	14.391	ug/l	93
4) Vinyl Chloride	2.542	62	28764	15.378	ug/l	95
5) Bromomethane	2.983	94	18617	18.755	ug/l	96
6) Chloroethane	3.136	64	24019	23.939	ug/l	92
7) Trichlorofluoromethane	3.512	101	56035	24.424	ug/l	97
8) Diethyl Ether	3.953	74	22021	19.536	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.365	101	30241	17.779	ug/l #	83
10) 1,1-Dichloroethene	4.342	96	28865	17.024	ug/l	88
11) Methyl Iodide	4.589	142	9576	6.304	ug/l	85
12) Methyl Acetate	5.012	43	47152	17.729	ug/l	94
13) Acrolein	4.177	56	41080	100.519	ug/l	94
14) Acrylonitrile	5.706	53	94964	76.549	ug/l #	66
15) Acetone	4.424	58	39702	109.712	ug/l	83
16) Carbon Disulfide	4.700	76	62197	12.546	ug/l	99
17) Allyl chloride	5.012	41	39367	14.076	ug/l	88
18) Methylene Chloride	5.265	84	31460	16.016	ug/l	97
19) trans-1,2-Dichloroethene	5.777	96	15081	8.133	ug/l	90
20) Diisopropyl ether	6.659	45	103075	17.372	ug/l	96
21) 1,1-Dichloroethane	6.559	63	34330	9.681	ug/l	95
22) cis-1,2-Dichloroethene	7.471	96	34291	15.890	ug/l	95
23) tert-Butyl Alcohol	5.518	59	33273	71.317	ug/l #	100
24) Methyl tert-Butyl Ether	5.783	73	100294	16.865	ug/l	97
25) Chloroform	7.953	83	64226	18.904	ug/l	98
26) Cyclohexane	8.241	56	36932	12.529	ug/l #	97
29) 1,1-Dichloropropene	8.353	75	37380	17.701	ug/l	98
30) 2-Butanone	7.477	43	141971	99.664	ug/l	97
31) 2,2-Dichloropropane	7.471	77	32566	12.775	ug/l #	66
32) 1,1,1-Trichloroethane	8.147	97	52553	21.302	ug/l	97
33) Carbon Tetrachloride	8.347	117	45305	21.821	ug/l	96
34) Benzene	8.588	78	120718	18.044	ug/l	95
35) Methacrylonitrile	7.771	41	28542	19.882	ug/l	89
36) 1,2-Dichloroethane	8.653	62	51297	23.732	ug/l	97
37) Trichloroethene	9.335	130	27813	18.024	ug/l	84
38) Methylcyclohexane	9.582	83	35584	14.686	ug/l	95
39) 1,2-Dichloropropane	9.606	63	31979	19.045	ug/l	98
40) Dibromomethane	9.694	93	24593	21.539	ug/l	97
41) Bromodichloromethane	9.871	83	50707	22.002	ug/l	95
42) Vinyl Acetate	6.588	43	420856	90.835	ug/l	100

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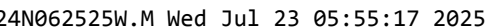
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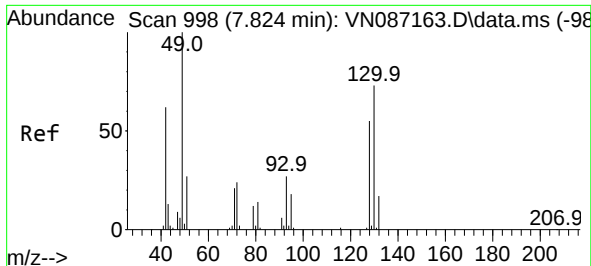
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	50754	19.737	ug/l	96
44) Isopropyl Acetate	8.677	43	86358	20.612	ug/l	97
45) 1,4-Dioxane	9.676	88	10995	387.941	ug/l #	90
46) Methyl methacrylate	9.665	41	38010	19.515	ug/l	87
47) n-amyl Acetate	12.523	43	7654	2.988	ug/l #	100
48) t-1,3-Dichloropropene	10.818	75	51109	19.893	ug/l	98
49) cis-1,3-Dichloropropene	10.294	75	51104	18.710	ug/l #	82
50) 1,1,2-Trichloroethane	11.000	97	33315	20.540	ug/l	97
51) Ethyl methacrylate	10.859	69	45738	18.528	ug/l	85
52) 1,3-Dichloropropane	11.141	76	54665	19.632	ug/l	98
53) Dibromochloromethane	11.341	129	37641	22.109	ug/l	98
54) 1,2-Dibromoethane	11.453	107	33175	19.825	ug/l	98
55) 2-Chloroethyl vinyl ether	10.141	63	128071	90.508	ug/l	99
56) Bromoform	12.559	173	25331	21.643	ug/l #	96
58) 4-Methyl-2-Pentanone	10.429	43	285069	112.178	ug/l	94
59) 2-Hexanone	11.176	43	189787	115.658	ug/l	89
61) Tetrachloroethene	11.082	164	23546	18.810	ug/l	95
62) Toluene	10.612	91	132260	18.526	ug/l	99
64) Chlorobenzene	11.870	112	85524	18.780	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.941	131	32293	21.462	ug/l	97
66) Ethyl Benzene	11.947	91	137146	17.551	ug/l	95
67) m/p-Xylenes	12.053	106	109592	36.599	ug/l	100
68) o-Xylene	12.376	106	52447	18.358	ug/l	98
69) Styrene	12.394	104	91266	18.609	ug/l	98
70) Isopropylbenzene	12.676	105	130872	18.394	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.917	83	50914	19.881	ug/l	100
72) 1,2,3-Trichloropropane	12.976	75	65965	29.869	ug/l	54
73) Bromobenzene	12.959	156	35942	20.825	ug/l	91
74) n-propylbenzene	13.017	91	166235	19.125	ug/l	100
75) 2-Chlorotoluene	13.106	91	101393	19.308	ug/l	97
76) 1,3,5-Trimethylbenzene	13.153	105	114199	19.716	ug/l	100
77) t-1,4-Dichloro-2-butene	12.717	75	14429	14.729	ug/l	93
78) 4-Chlorotoluene	13.200	91	111320	20.698	ug/l	99
79) tert-butylbenzene	13.417	119	94598	19.429	ug/l	98
80) 1,2,4-Trimethylbenzene	13.459	105	118790	20.424	ug/l	98
81) sec-Butylbenzene	13.594	105	143140	20.224	ug/l	99
82) p-Isopropyltoluene	13.706	119	116996	19.863	ug/l	96
83) 1,3-Dichlorobenzene	13.712	146	70815	21.307	ug/l	99
84) 1,4-Dichlorobenzene	13.794	146	69652	20.823	ug/l	98
85) n-Butylbenzene	14.035	91	108513	20.192	ug/l	97
86) Hexachloroethane	14.311	117	23499	21.077	ug/l	89
87) 1,2-Dichlorobenzene	14.082	146	65604	20.935	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.700	75	11694	20.279	ug/l	99
89) 1,2,4-Trichlorobenzene	15.811	180	39379	22.211	ug/l	97
90) Hexachlorobutadiene	15.476	225	16300	30.982	ug/l	95
91) Naphthalene	15.617	128	124218	17.802	ug/l	98
92) 1,2,3-Trichlorobenzene	15.811	180	39379	22.211	ug/l	97

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

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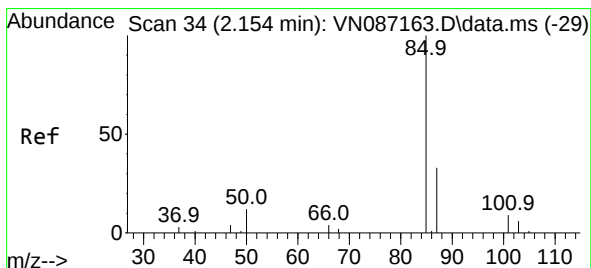
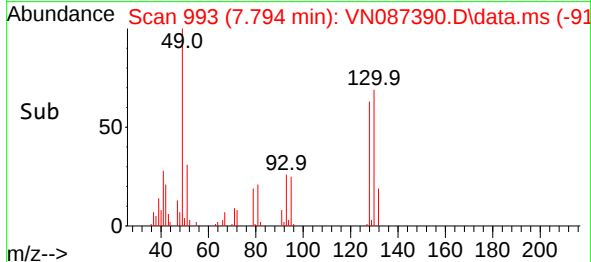
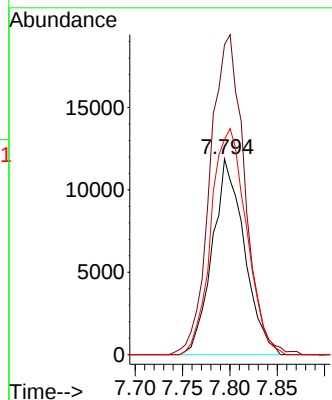
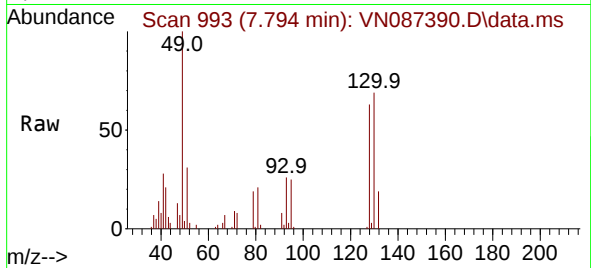




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 91
Delta R.T. -0.030 min
Lab File: VN087390.D
Acq: 22 Jul 2025 15:14

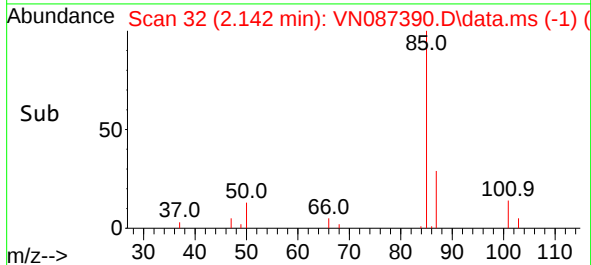
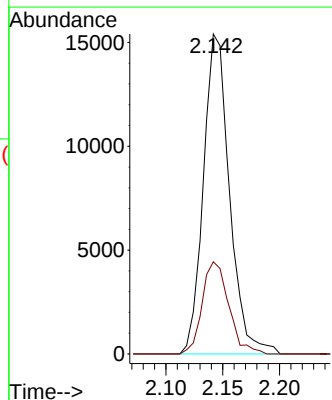
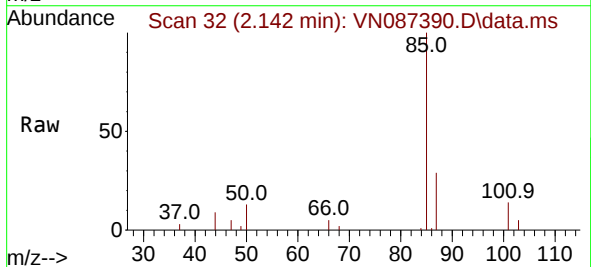
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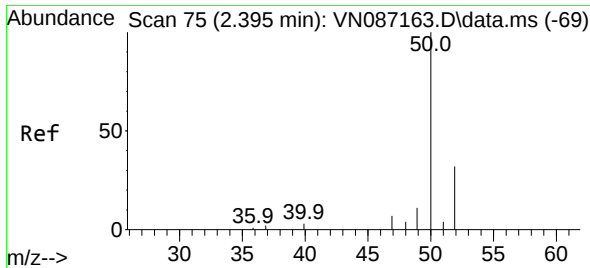
Tgt Ion:128 Resp: 27991
Ion Ratio Lower Upper
128 100
49 175.3 0.0 450.5
130 127.4 0.0 320.7



#2
Dichlorodifluoromethane
Concen: 14.628 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.012 min
Lab File: VN087390.D
Acq: 22 Jul 2025 15:14

Tgt Ion: 85 Resp: 24648
Ion Ratio Lower Upper
85 100
87 28.8 16.7 50.0

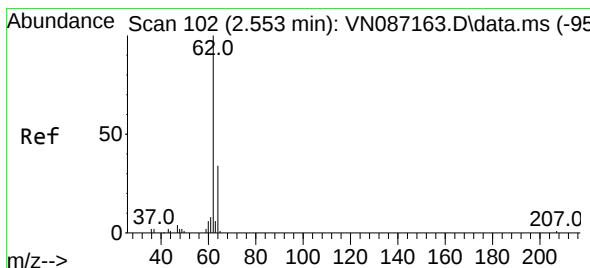
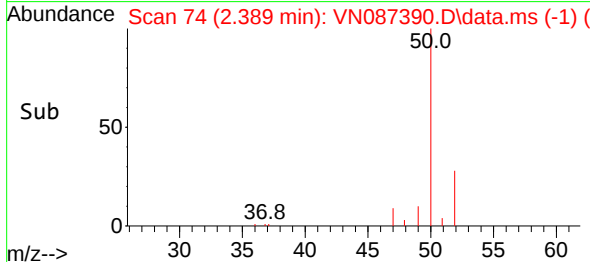
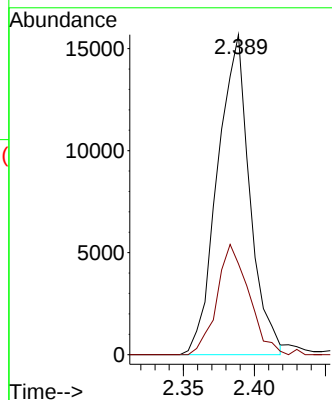
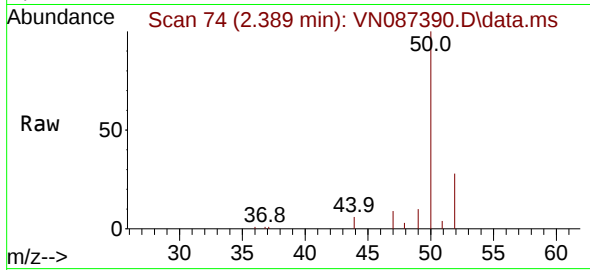




#3
Chloromethane
Concen: 14.391 ug/l
RT: 2.389 min Scan# 74
Delta R.T. -0.006 min
Lab File: VN087390.D
Acq: 22 Jul 2025 15:14

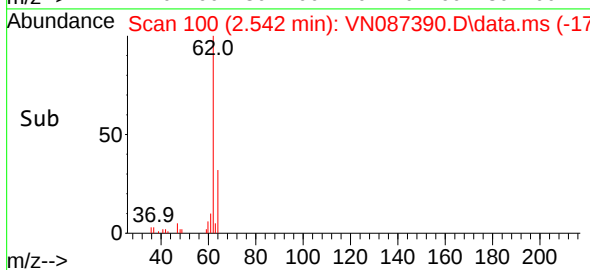
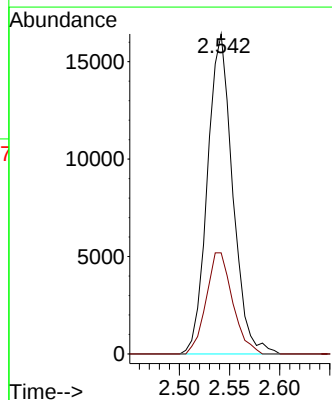
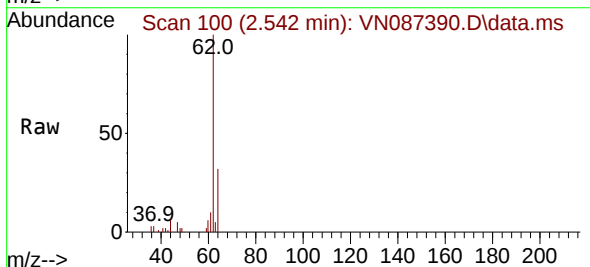
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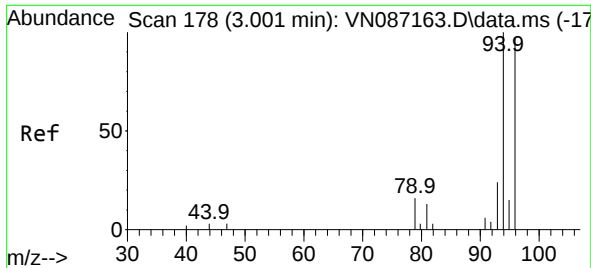
Tgt Ion: 50 Resp: 24767
Ion Ratio Lower Upper
50 100
52 28.4 25.9 38.9



#4
Vinyl Chloride
Concen: 15.378 ug/l
RT: 2.542 min Scan# 100
Delta R.T. -0.012 min
Lab File: VN087390.D
Acq: 22 Jul 2025 15:14

Tgt Ion: 62 Resp: 28764
Ion Ratio Lower Upper
62 100
64 31.6 27.4 41.2

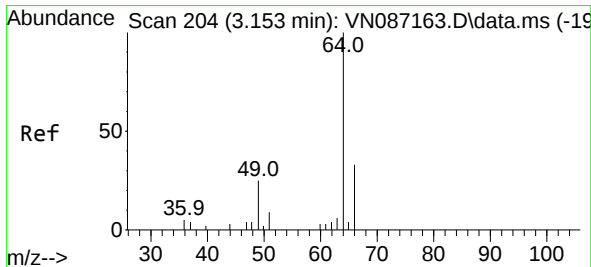
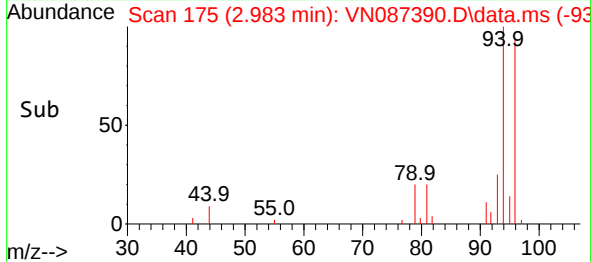
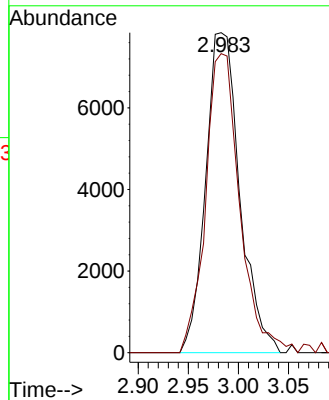
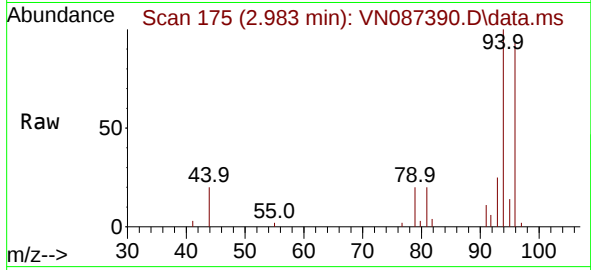




#5
Bromomethane
Concen: 18.755 ug/l
RT: 2.983 min Scan# 1
Delta R.T. -0.018 min
Lab File: VN087390.D
Acq: 22 Jul 2025 15:14

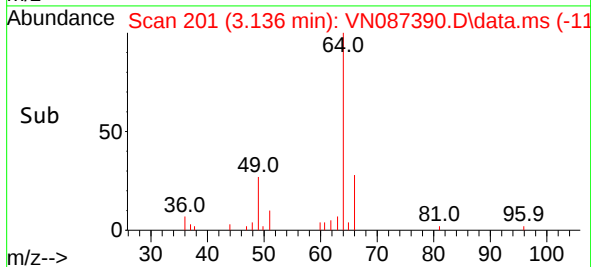
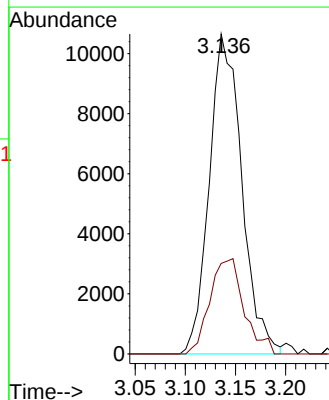
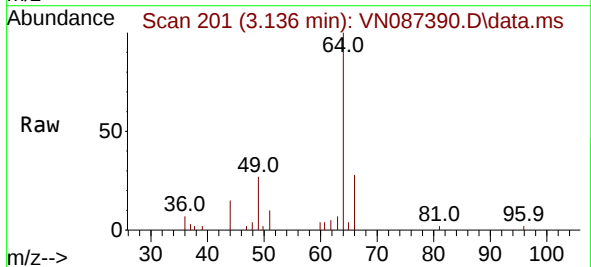
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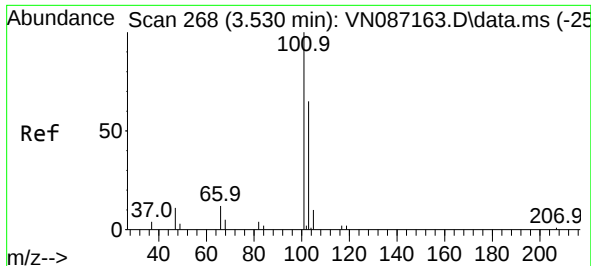
Tgt Ion: 94 Resp: 18617
Ion Ratio Lower Upper
94 100
96 93.5 77.9 116.9



#6
Chloroethane
Concen: 23.939 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.018 min
Lab File: VN087390.D
Acq: 22 Jul 2025 15:14

Tgt Ion: 64 Resp: 24019
Ion Ratio Lower Upper
64 100
66 28.3 26.4 39.6

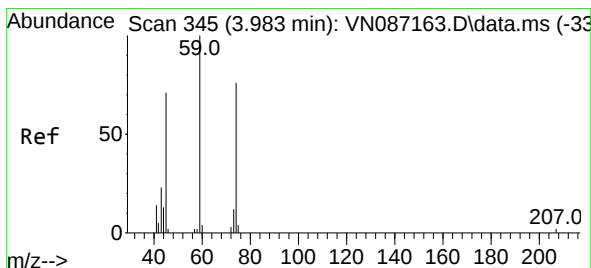
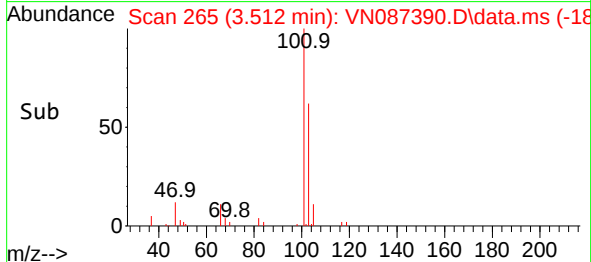
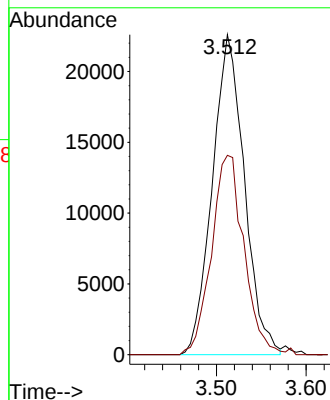
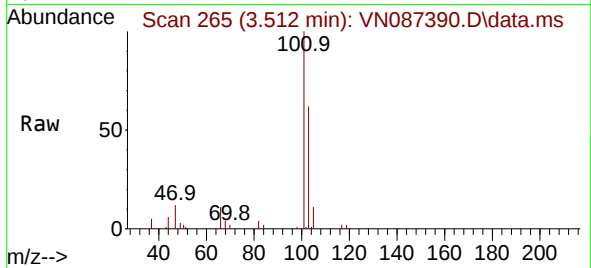




#7
 Trichlorofluoromethane
 Concen: 24.424 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. -0.018 min
 Lab File: VN087390.D
 Acq: 22 Jul 2025 15:14

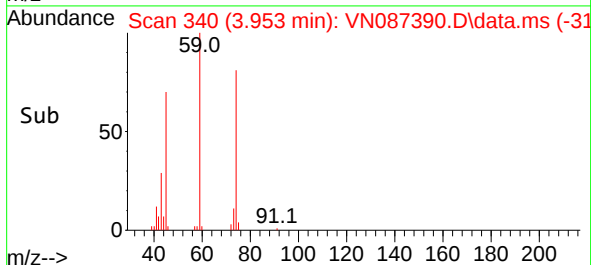
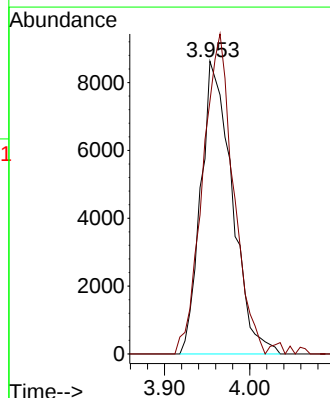
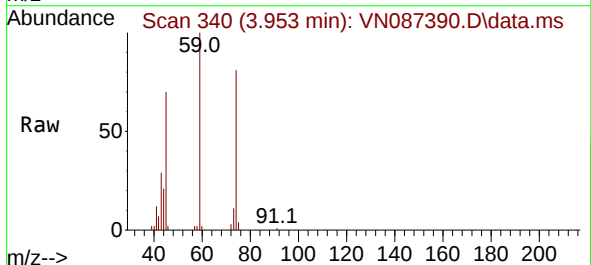
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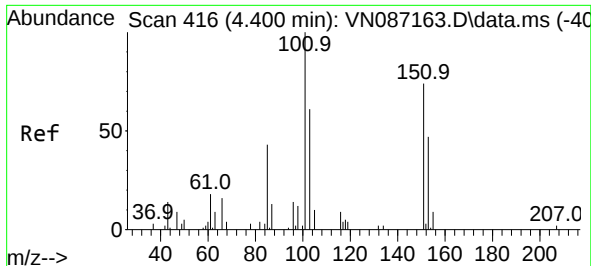
Tgt Ion:101 Resp: 56035
 Ion Ratio Lower Upper
 101 100
 103 62.3 51.8 77.8



#8
 Diethyl Ether
 Concen: 19.536 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.029 min
 Lab File: VN087390.D
 Acq: 22 Jul 2025 15:14

Tgt Ion: 74 Resp: 22021
 Ion Ratio Lower Upper
 74 100
 45 107.4 19.0 171.0

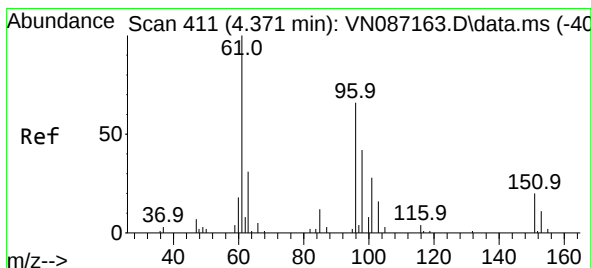
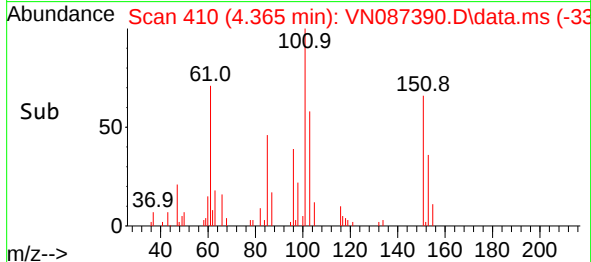
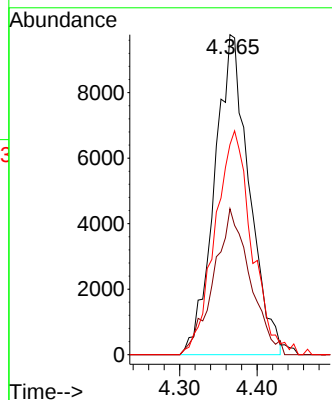
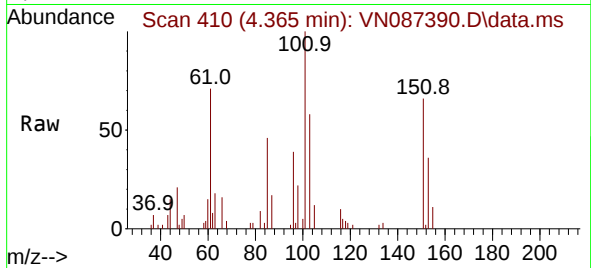




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.779 ug/l
RT: 4.365 min Scan# 41
Delta R.T. -0.035 min
Lab File: VN087390.D
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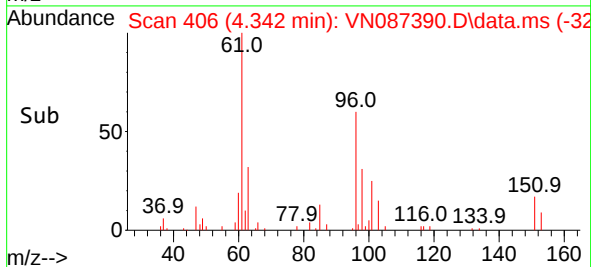
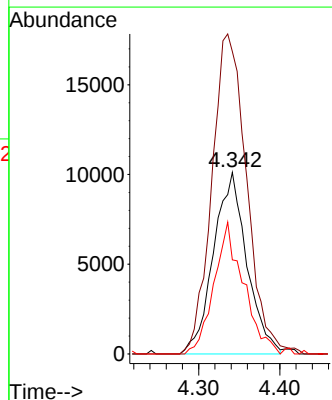
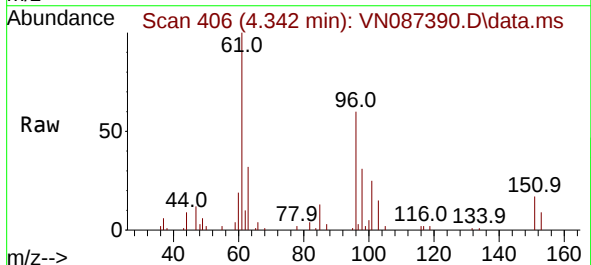
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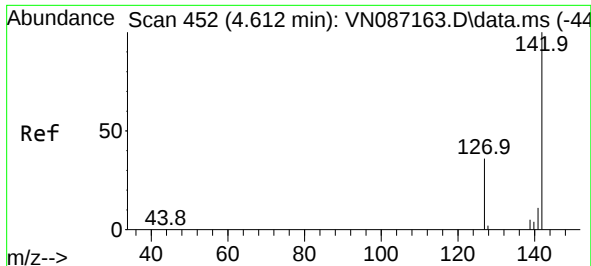
Tgt Ion:101 Resp: 30241
Ion Ratio Lower Upper
101 100
85 47.6 0.0 40.6#
151 74.7 0.0 141.2



#10
1,1-Dichloroethene
Concen: 17.024 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.029 min
Lab File: VN087390.D
Acq: 22 Jul 2025 15:14

Tgt Ion: 96 Resp: 28865
Ion Ratio Lower Upper
96 100
61 166.5 122.0 183.0
98 51.8 50.3 75.5

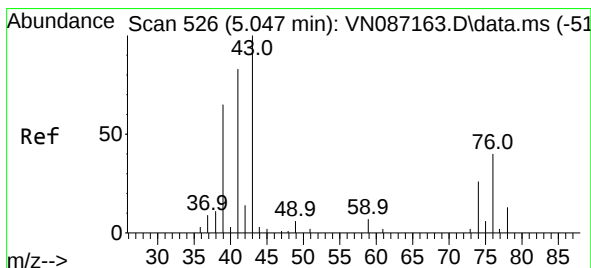
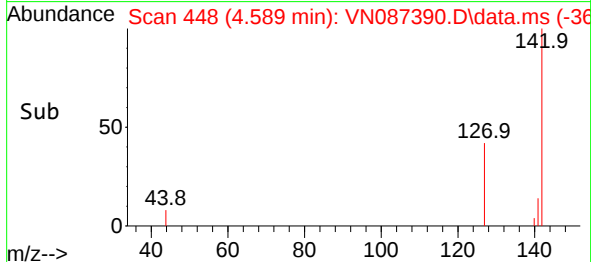
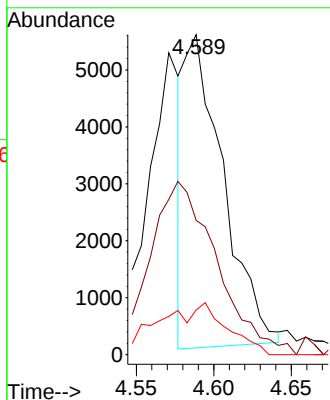
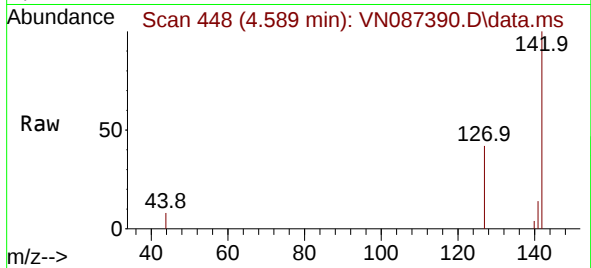




#11
Methyl Iodide
Concen: 6.304 ug/l
RT: 4.589 min Scan# 44
Delta R.T. -0.024 min
Lab File: VN087390.D
Acq: 22 Jul 2025 15:14

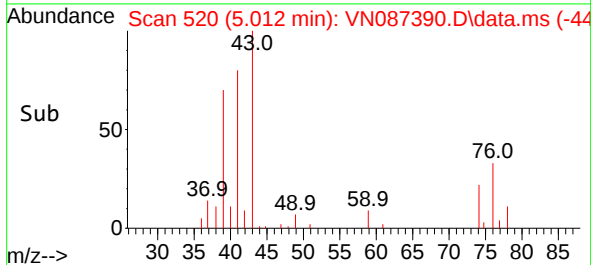
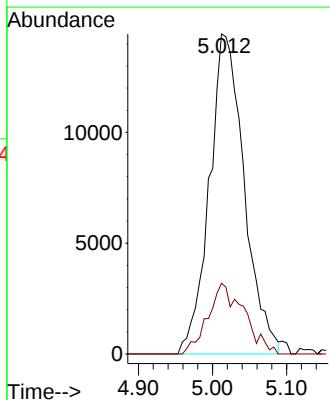
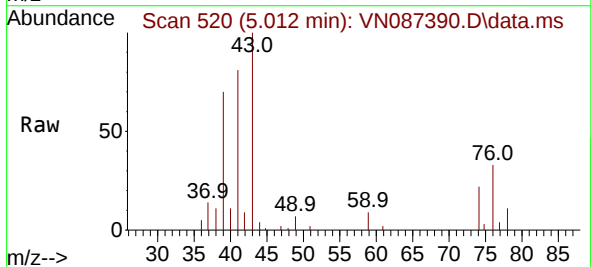
Instrument :
MSVOA_N
ClientSampleId :
VN0722WBS01

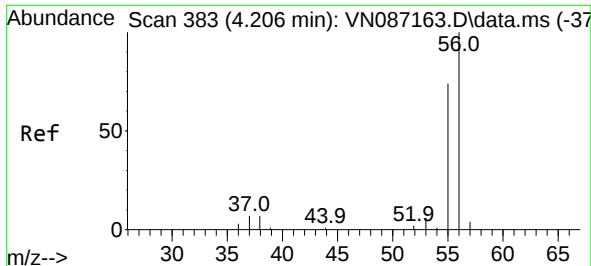
Tgt Ion:142 Resp: 9576
Ion Ratio Lower Upper
142 100
127 25.4 18.1 54.1
141 13.3 5.7 17.1



#12
Methyl Acetate
Concen: 17.729 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.035 min
Lab File: VN087390.D
Acq: 22 Jul 2025 15:14

Tgt Ion: 43 Resp: 47152
Ion Ratio Lower Upper
43 100
74 22.5 20.3 30.5

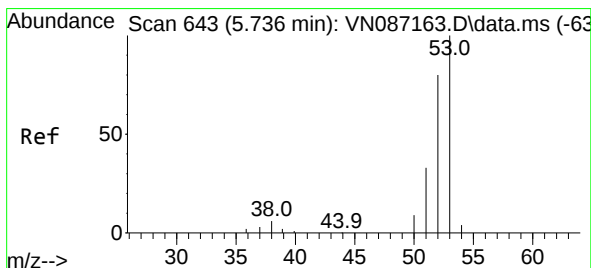
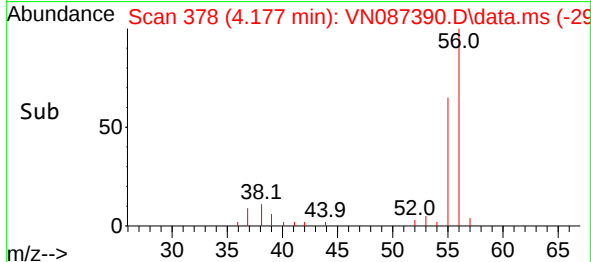
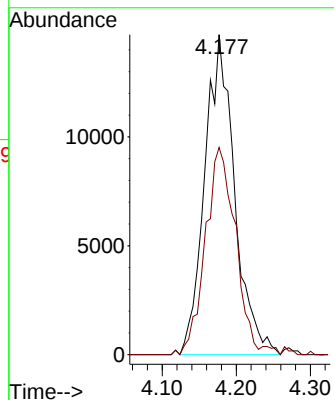
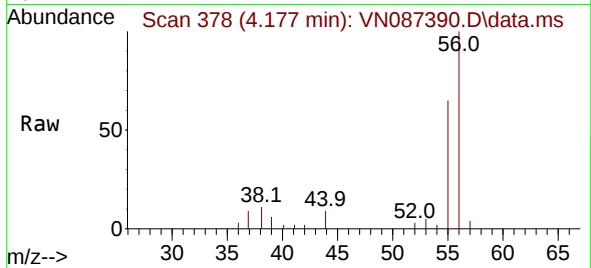




#13
Acrolein
Concen: 100.519 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.029 min
Lab File: VN087390.D
Acq: 22 Jul 2025 15:14

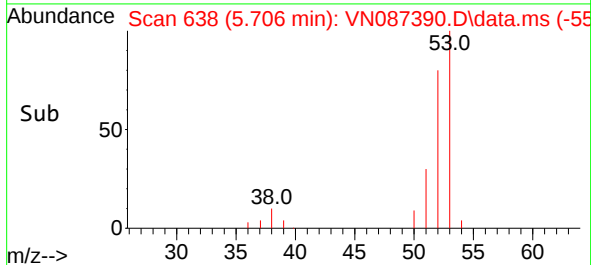
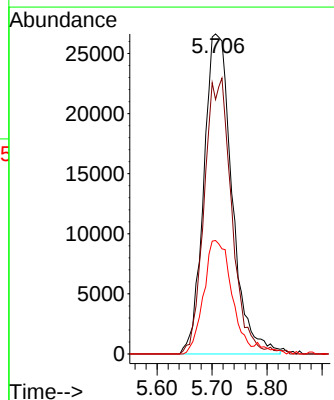
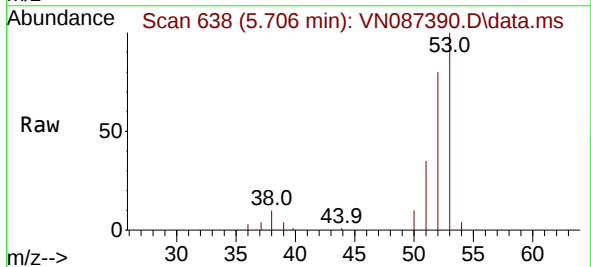
Instrument :
MSVOA_N
ClientSampleId :
VN0722WBS01

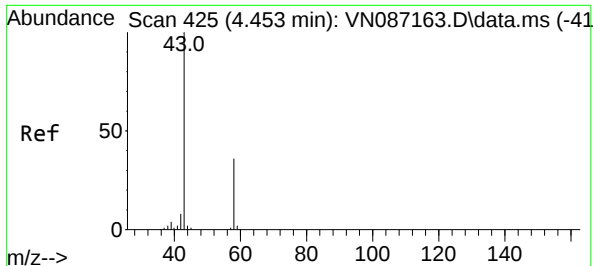
Tgt Ion: 56 Resp: 41080
Ion Ratio Lower Upper
56 100
55 64.5 55.7 83.5



#14
Acrylonitrile
Concen: 76.549 ug/l
RT: 5.706 min Scan# 638
Delta R.T. -0.029 min
Lab File: VN087390.D
Acq: 22 Jul 2025 15:14

Tgt Ion: 53 Resp: 94964
Ion Ratio Lower Upper
53 100
52 38.6 40.5 121.5#
51 34.9 16.9 50.7

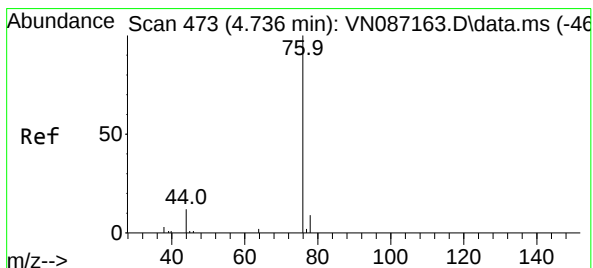
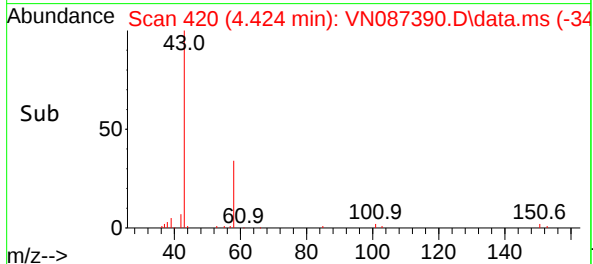
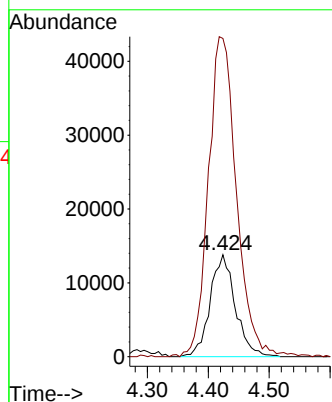
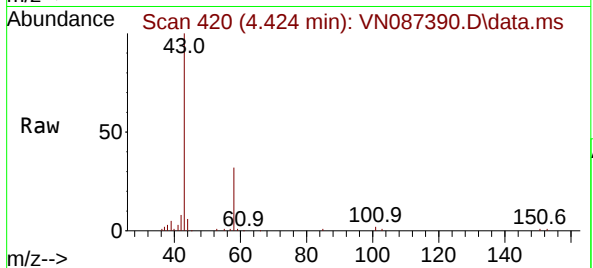




#15
Acetone
Concen: 109.712 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.029 min
Lab File: VN087390.D
Acq: 22 Jul 2025 15:14

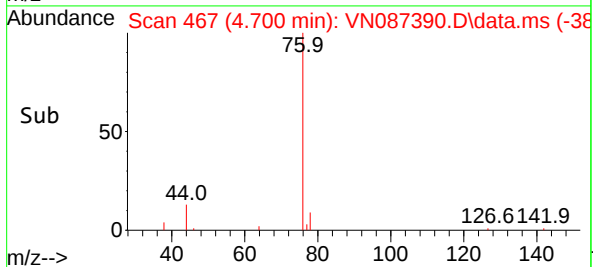
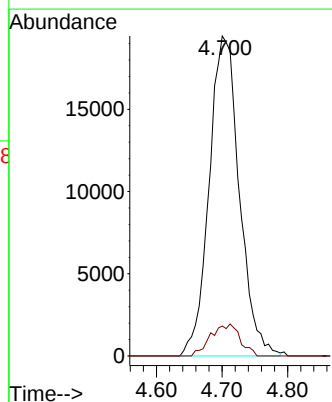
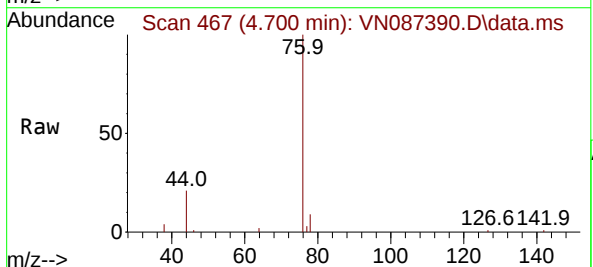
Instrument :
MSVOA_N
ClientSampleId :
VN0722WBS01

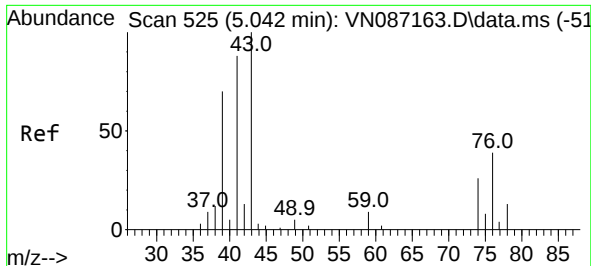
Tgt Ion: 58 Resp: 39702
Ion Ratio Lower Upper
58 100
43 312.1 224.3 336.5



#16
Carbon Disulfide
Concen: 12.546 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.035 min
Lab File: VN087390.D
Acq: 22 Jul 2025 15:14

Tgt Ion: 76 Resp: 62197
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

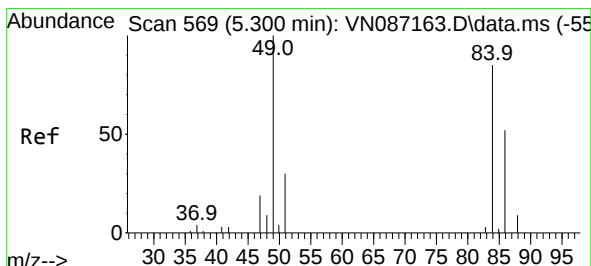
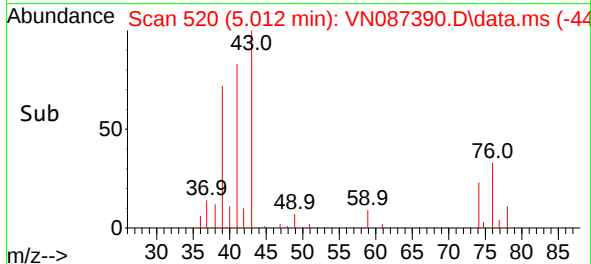
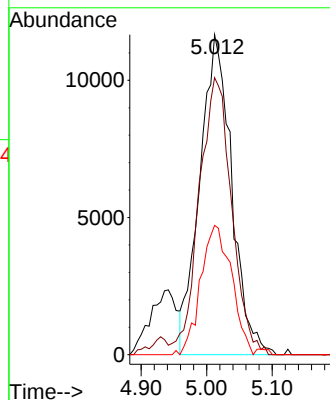
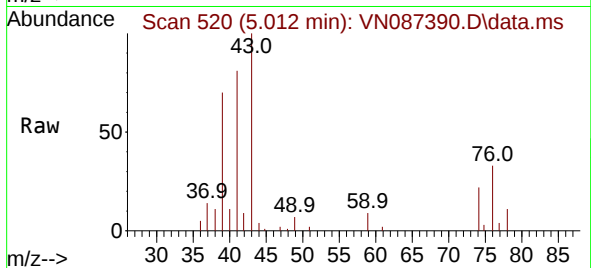




#17
 Allyl chloride
 Concen: 14.076 ug/l
 RT: 5.012 min Scan# 51
 Delta R.T. -0.029 min
 Lab File: VN087390.D
 Acq: 22 Jul 2025 15:14

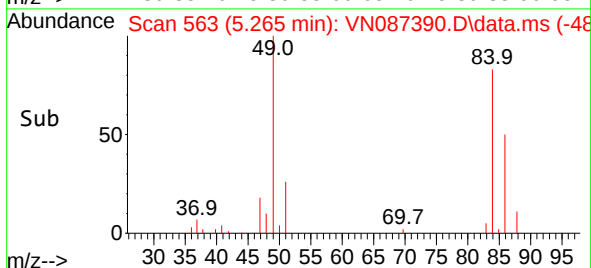
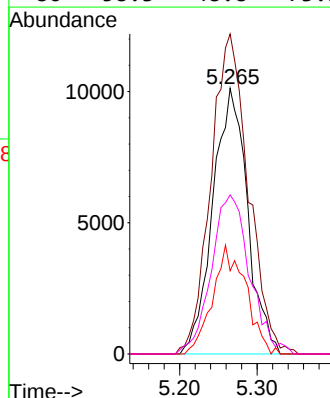
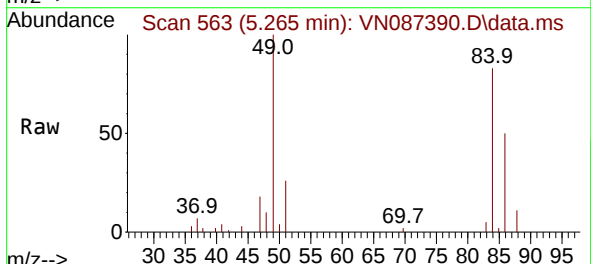
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0722WBS01

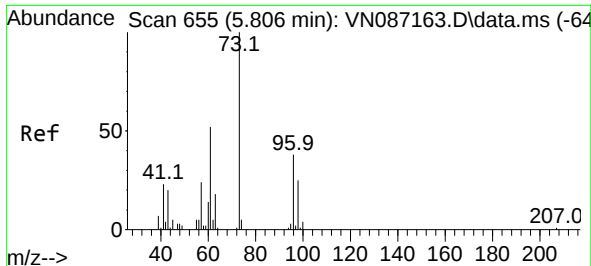
Tgt Ion:	41	Resp:	39367
Ion	Ratio	Lower	Upper
41	100		
39	86.5	36.0	108.0
76	40.4	19.5	58.5



#18
 Methylene Chloride
 Concen: 16.016 ug/l
 RT: 5.265 min Scan# 563
 Delta R.T. -0.035 min
 Lab File: VN087390.D
 Acq: 22 Jul 2025 15:14

Tgt Ion:	84	Resp:	31460
Ion	Ratio	Lower	Upper
84	100		
49	118.3	94.0	141.0
51	31.4	28.3	42.5
86	58.3	48.8	73.2

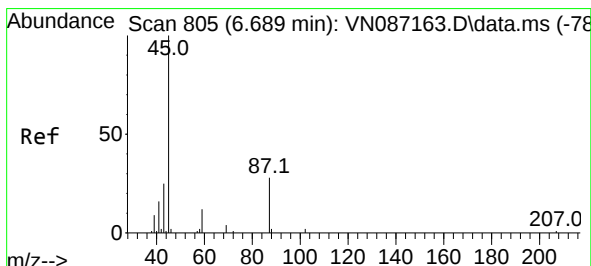
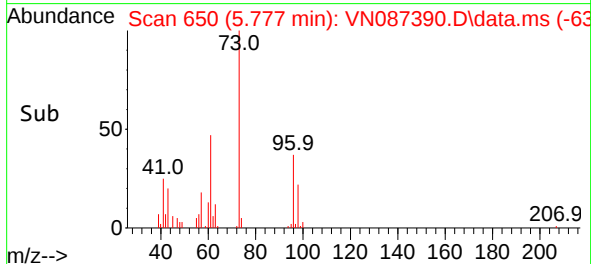
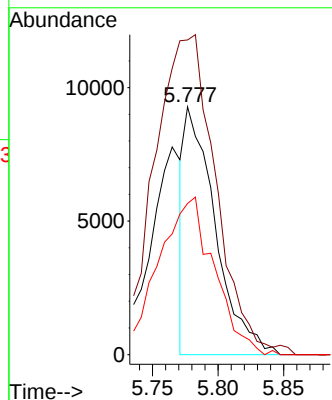
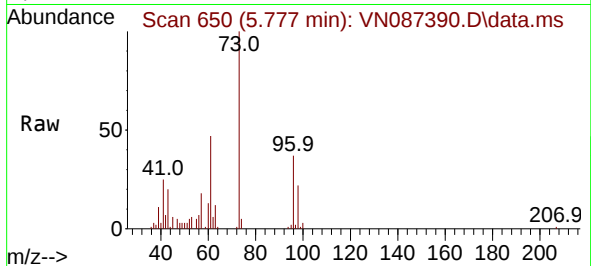




#19
trans-1,2-Dichloroethene
Concen: 8.133 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.029 min
Lab File: VN087390.D
Acq: 22 Jul 2025 15:14

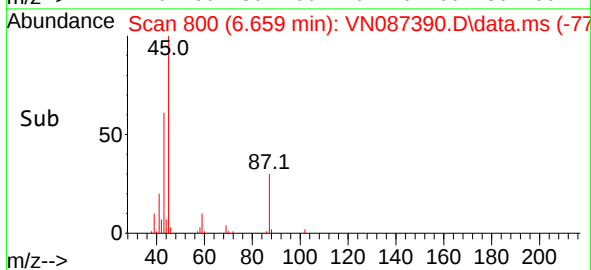
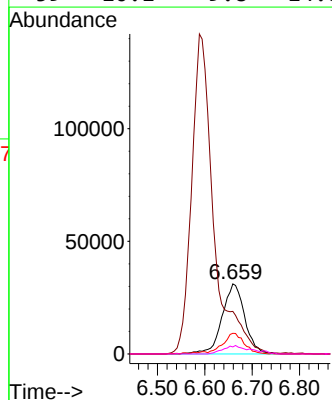
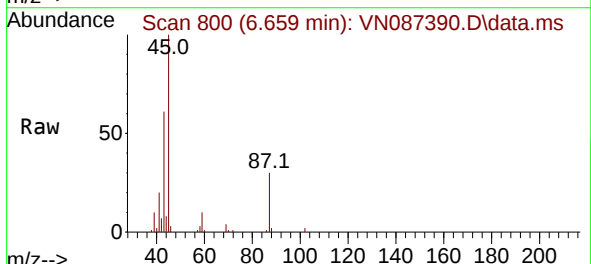
Instrument :
MSVOA_N
ClientSampleId :
VN0722WBS01

Tgt Ion: 96 Resp: 15081
Ion Ratio Lower Upper
96 100
61 123.2 110.3 165.5
98 61.0 51.6 77.4



#20
Diisopropyl ether
Concen: 17.372 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.029 min
Lab File: VN087390.D
Acq: 22 Jul 2025 15:14

Tgt Ion: 45 Resp: 103075
Ion Ratio Lower Upper
45 100
43 59.8 45.3 67.9
87 29.5 22.6 33.8
59 10.1 9.8 14.8

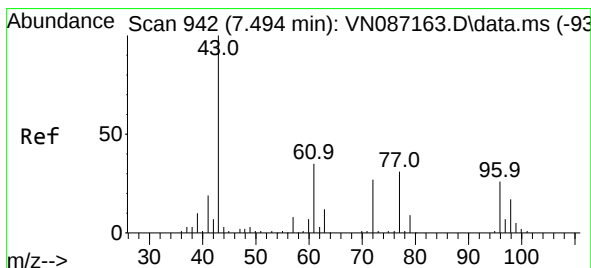
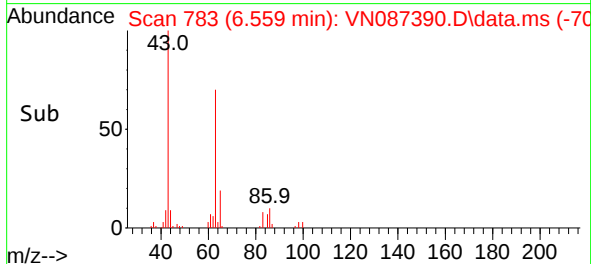
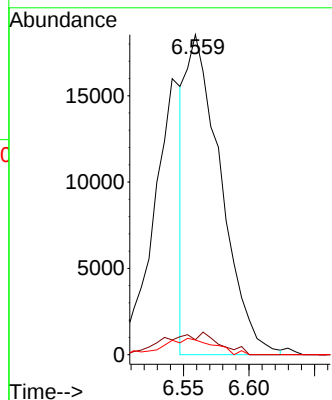
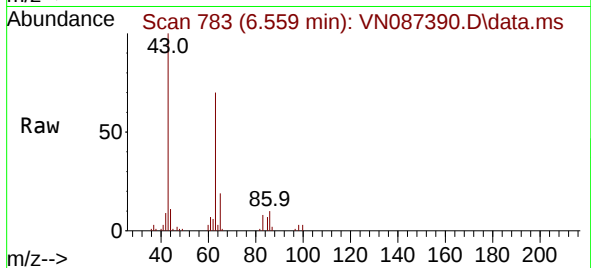




#21
1,1-Dichloroethane
Concen: 9.681 ug/l
RT: 6.559 min Scan# 71
Delta R.T. -0.024 min
Lab File: VN087390.D
Acq: 22 Jul 2025 15:14

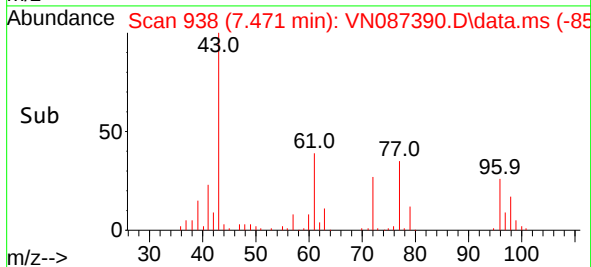
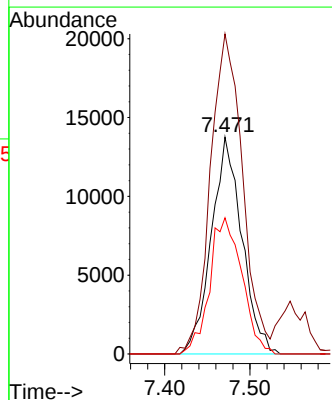
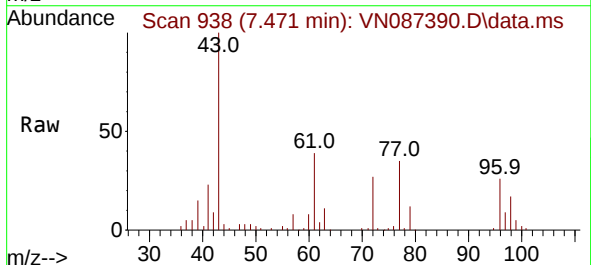
Instrument :
MSVOA_N
ClientSampleId :
VN0722WBS01

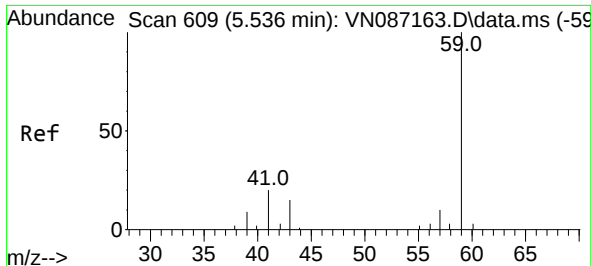
Tgt Ion: 63 Resp: 34330
Ion Ratio Lower Upper
63 100
98 4.7 3.5 10.4
100 4.7 2.0 5.8



#22
cis-1,2-Dichloroethene
Concen: 15.890 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.024 min
Lab File: VN087390.D
Acq: 22 Jul 2025 15:14

Tgt Ion: 96 Resp: 34291
Ion Ratio Lower Upper
96 100
61 155.1 119.2 178.8
98 66.2 50.6 75.8

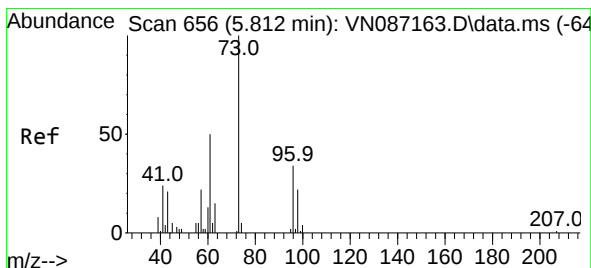
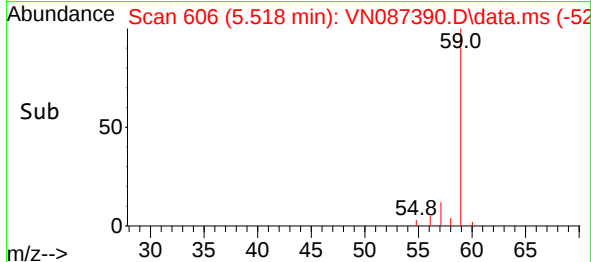
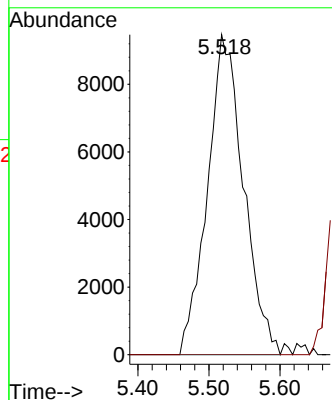
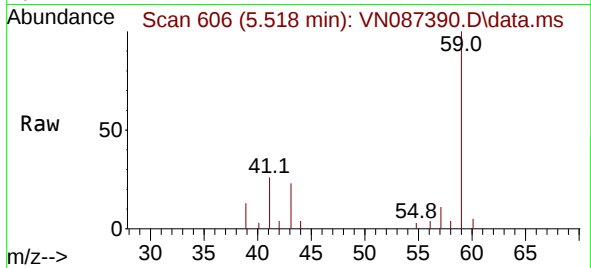




#23
tert-Butyl Alcohol
Concen: 71.317 ug/l
RT: 5.518 min Scan# 609
Delta R.T. -0.018 min
Lab File: VN087390.D
Acq: 22 Jul 2025 15:14

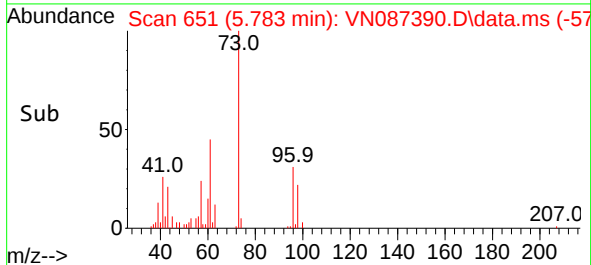
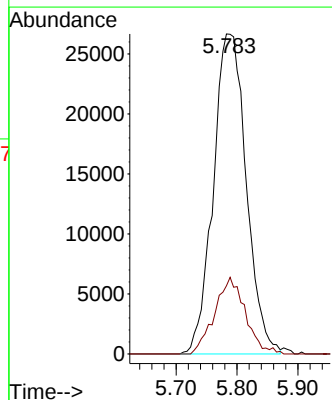
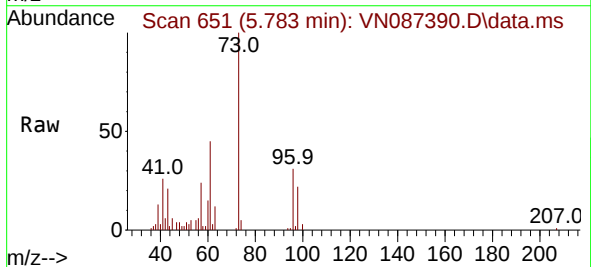
Instrument :
MSVOA_N
ClientSampleId :
VN0722WBS01

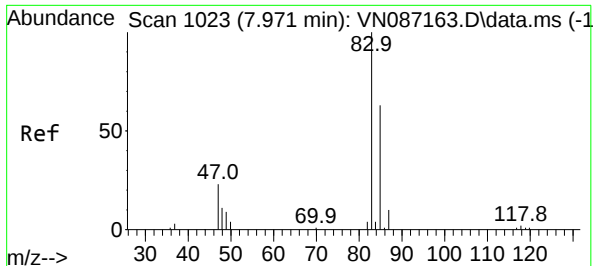
Tgt Ion: 59 Resp: 33273
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 16.865 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.029 min
Lab File: VN087390.D
Acq: 22 Jul 2025 15:14

Tgt Ion: 73 Resp: 100294
Ion Ratio Lower Upper
73 100
43 22.0 16.4 24.6





#25

Chloroform

Concen: 18.904 ug/l

RT: 7.953 min Scan# 1069

Delta R.T. -0.018 min

Lab File: VN087390.D

Acq: 22 Jul 2025 15:14

Instrument :

MSVOA_N

ClientSampleId :

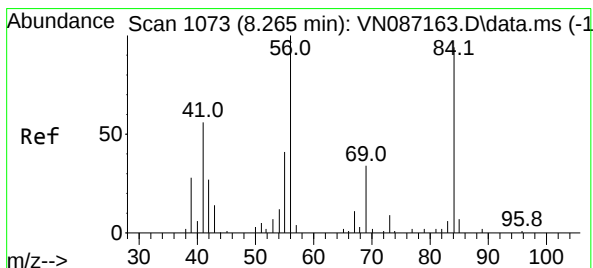
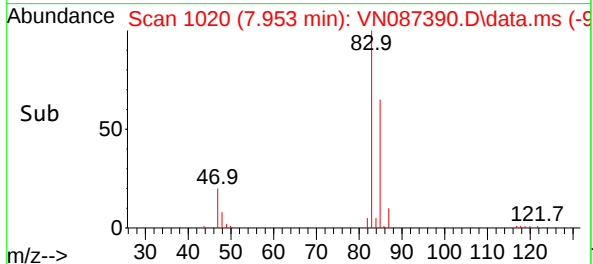
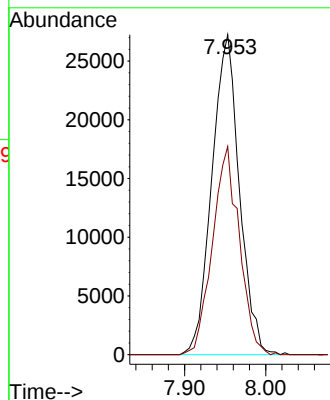
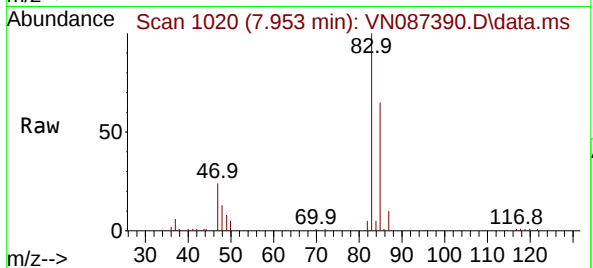
VN0722WBS01

Tgt Ion: 83 Resp: 64226

Ion Ratio Lower Upper

83 100

85 65.0 50.7 76.1



#26

Cyclohexane

Concen: 12.529 ug/l

RT: 8.241 min Scan# 1069

Delta R.T. -0.024 min

Lab File: VN087390.D

Acq: 22 Jul 2025 15:14

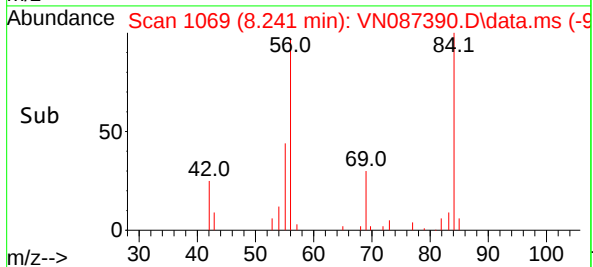
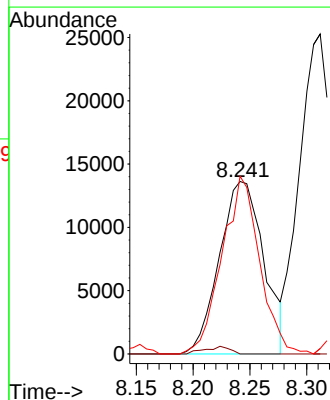
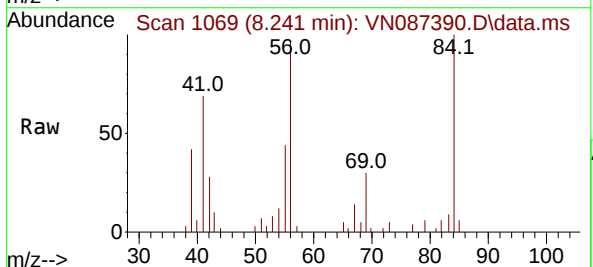
Tgt Ion: 56 Resp: 36932

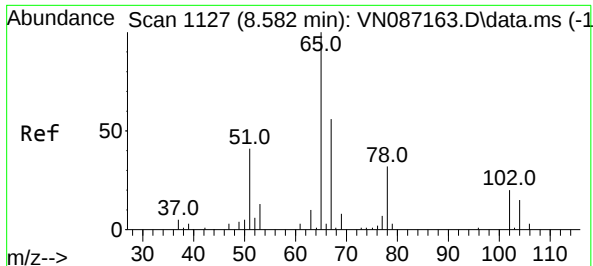
Ion Ratio Lower Upper

56 100

89 2.5 6.9 10.3#

84 87.5 69.1 103.7





#27

1,2-Dichloroethane-d4

Concen: 33.192 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. -0.018 min

Lab File: VN087390.D

Acq: 22 Jul 2025 15:14

Instrument :

MSVOA_N

ClientSampleId :

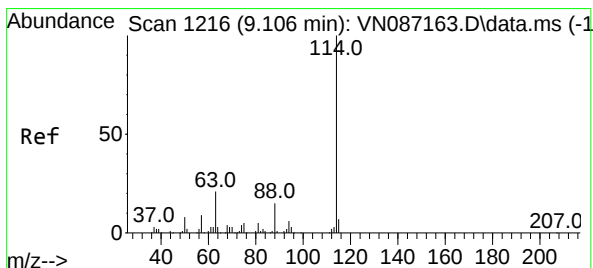
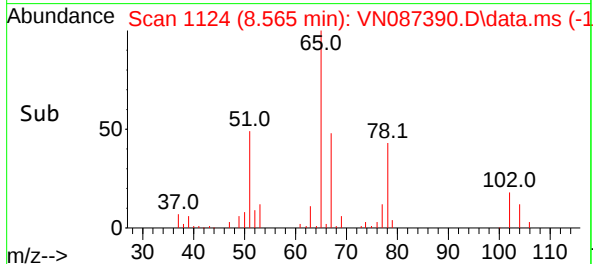
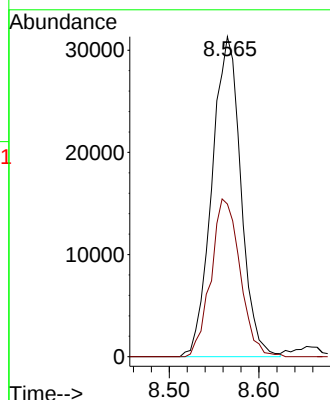
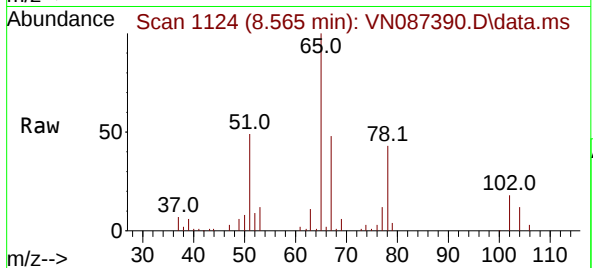
VN0722WBS01

Tgt Ion: 65 Resp: 70001

Ion Ratio Lower Upper

65 100

67 49.7 41.9 62.9



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.024 min

Lab File: VN087390.D

Acq: 22 Jul 2025 15:14

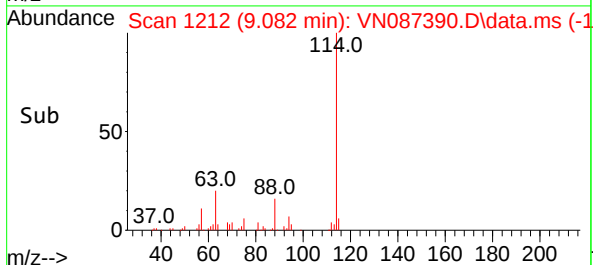
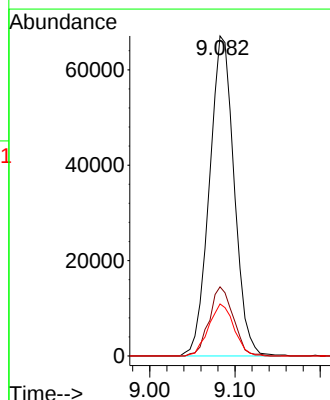
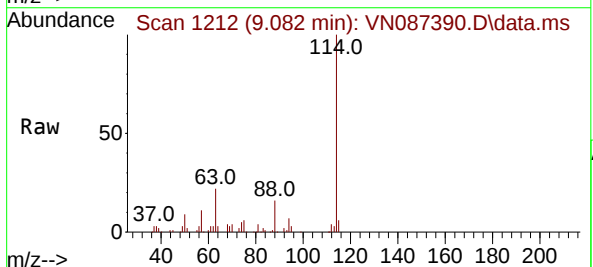
Tgt Ion: 114 Resp: 135487

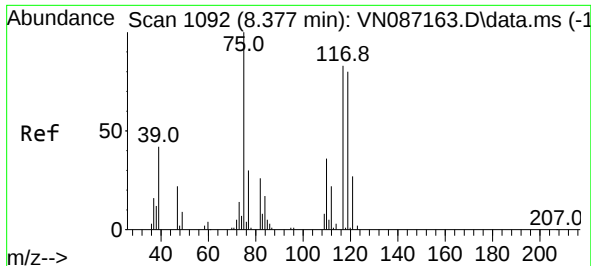
Ion Ratio Lower Upper

114 100

63 21.0 17.0 25.4

88 16.6 12.6 19.0

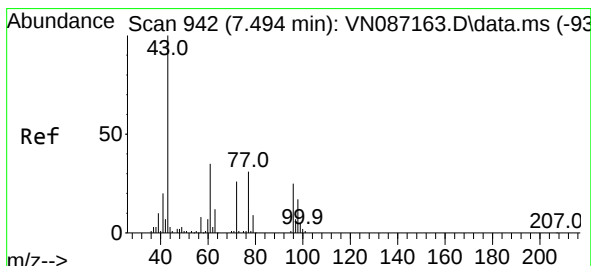
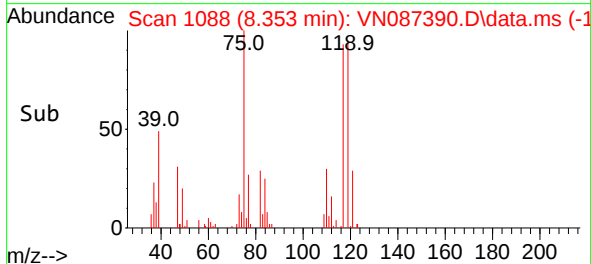
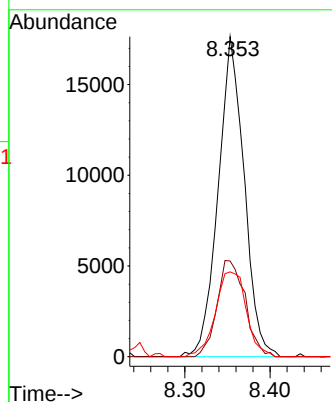
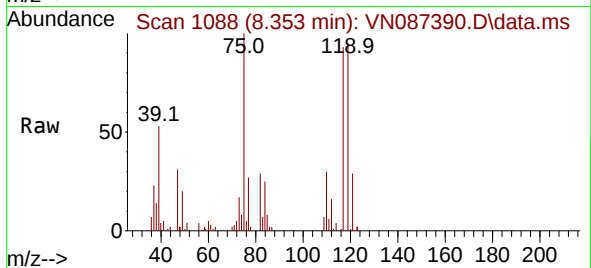




#29
1,1-Dichloropropene
Concen: 17.701 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.024 min
Lab File: VN087390.D
Acq: 22 Jul 2025 15:14

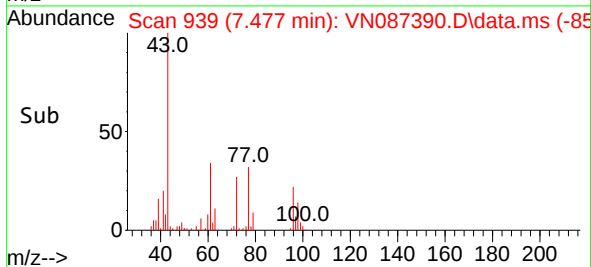
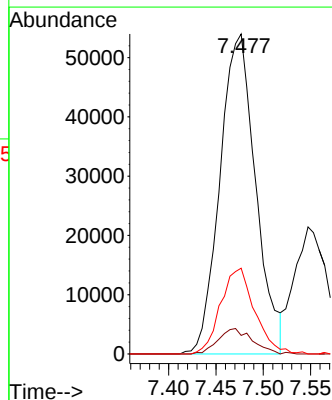
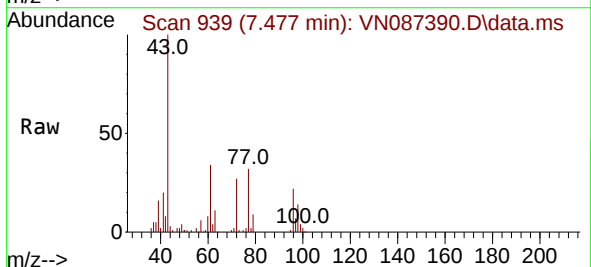
Instrument :
MSVOA_N
ClientSampleId :
VN0722WBS01

Tgt Ion: 75 Resp: 37380
Ion Ratio Lower Upper
75 100
110 32.5 0.0 69.2
77 31.4 0.0 61.8



#30
2-Butanone
Concen: 99.664 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.018 min
Lab File: VN087390.D
Acq: 22 Jul 2025 15:14

Tgt Ion: 43 Resp: 141971
Ion Ratio Lower Upper
43 100
57 7.5 6.3 9.5
72 25.4 21.8 32.6

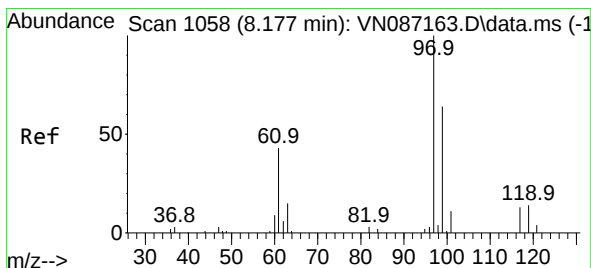
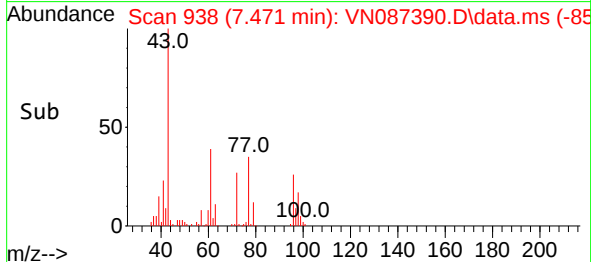
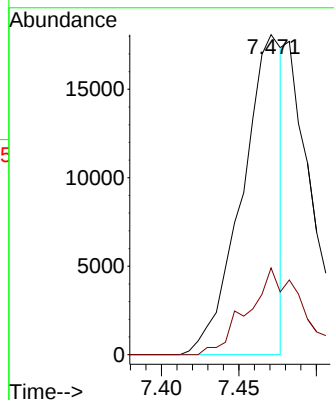
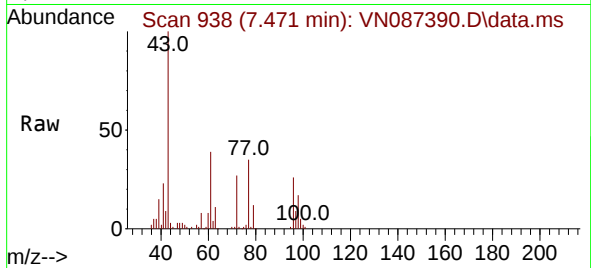




#31
2,2-Dichloropropane
Concen: 12.775 ug/l
RT: 7.471 min Scan# 91
Delta R.T. -0.029 min
Lab File: VN087390.D
Acq: 22 Jul 2025 15:14

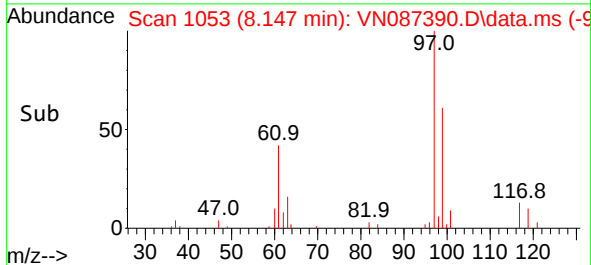
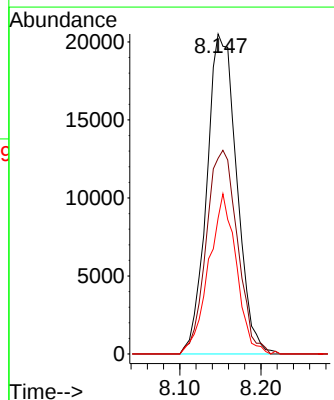
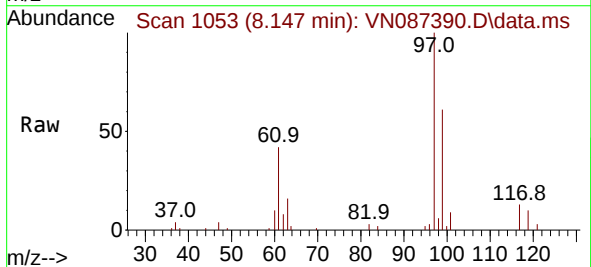
Instrument :
MSVOA_N
ClientSampleId :
VN0722WBS01

Tgt Ion: 77 Resp: 32566
Ion Ratio Lower Upper
77 100
97 6.7 18.4 27.6#



#32
1,1,1-Trichloroethane
Concen: 21.302 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.029 min
Lab File: VN087390.D
Acq: 22 Jul 2025 15:14

Tgt Ion: 97 Resp: 52553
Ion Ratio Lower Upper
97 100
99 66.3 50.8 76.2
61 45.8 36.1 54.1

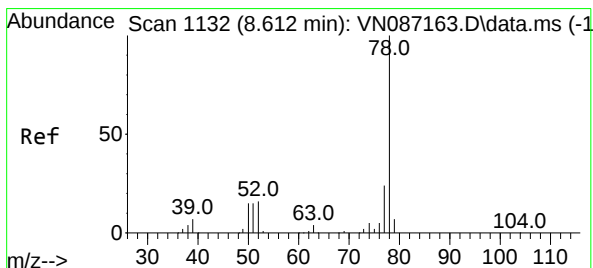
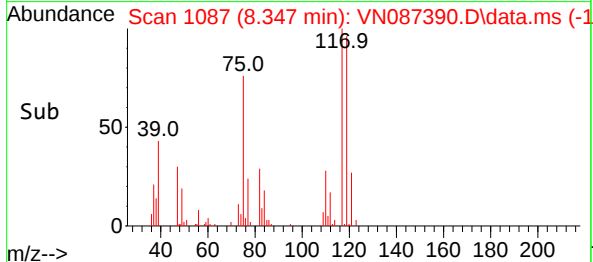
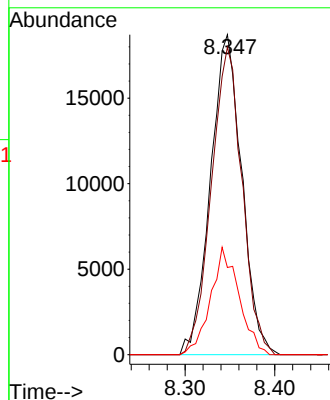
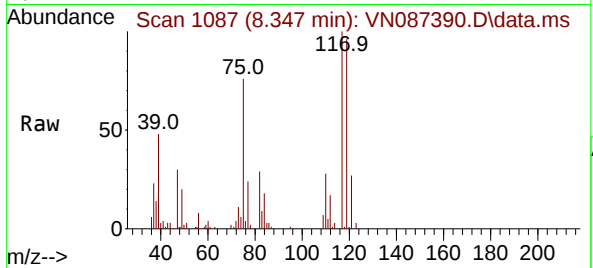




#33
Carbon Tetrachloride
Concen: 21.821 ug/l
RT: 8.347 min Scan# 1107
Delta R.T. -0.024 min
Lab File: VN087390.D
Acq: 22 Jul 2025 15:14

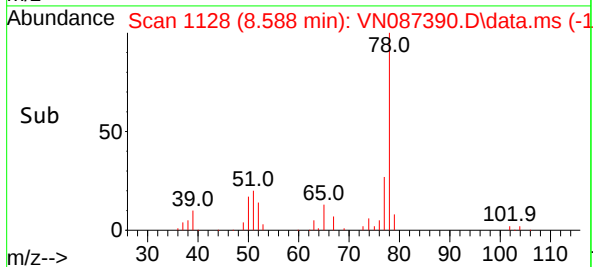
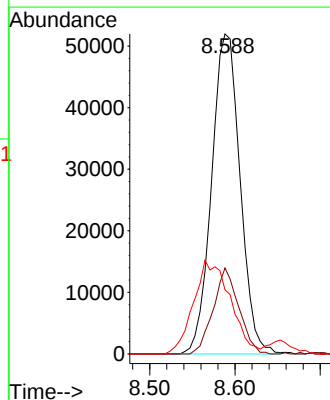
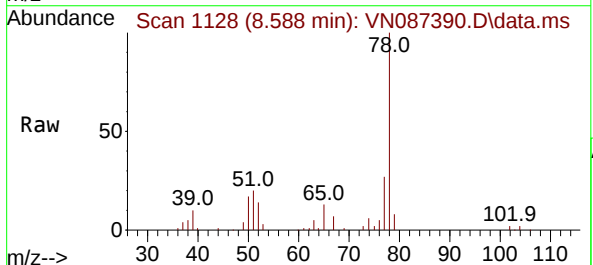
Instrument :
MSVOA_N
ClientSampleId :
VN0722WBS01

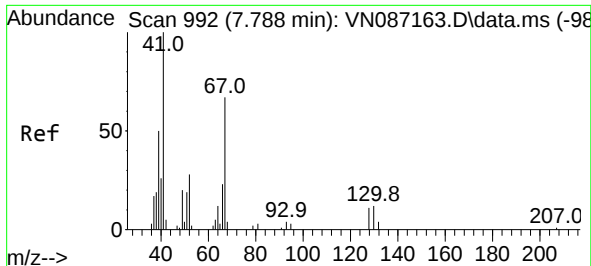
Tgt Ion:117 Resp: 45305
Ion Ratio Lower Upper
117 100
119 96.1 75.8 113.6
121 27.3 26.2 39.4



#34
Benzene
Concen: 18.044 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.024 min
Lab File: VN087390.D
Acq: 22 Jul 2025 15:14

Tgt Ion: 78 Resp: 120718
Ion Ratio Lower Upper
78 100
77 26.9 19.5 29.3
51 15.9 14.8 22.2

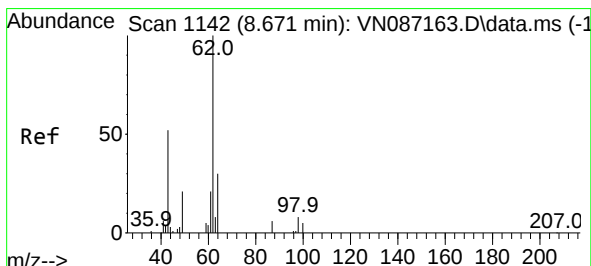
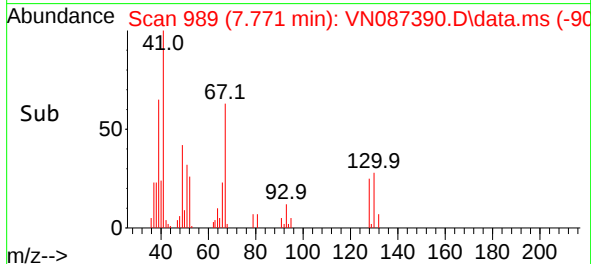
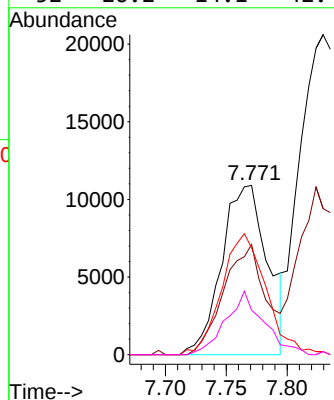
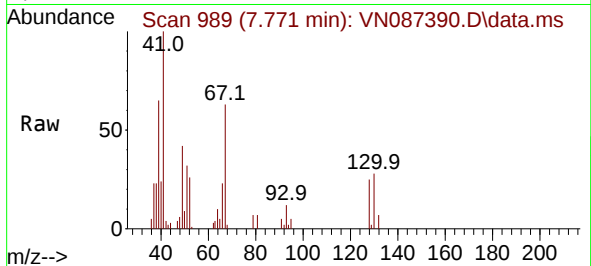




#35
Methacrylonitrile
Concen: 19.882 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.018 min
Lab File: VN087390.D
Acq: 22 Jul 2025 15:14

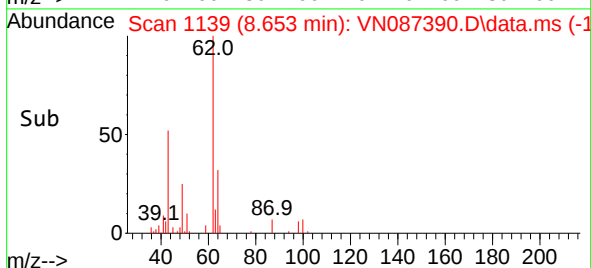
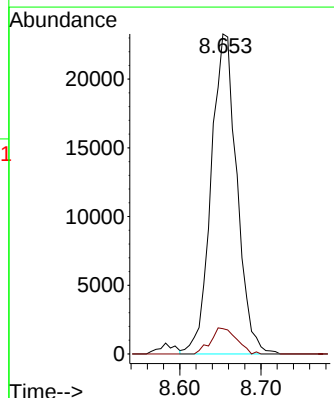
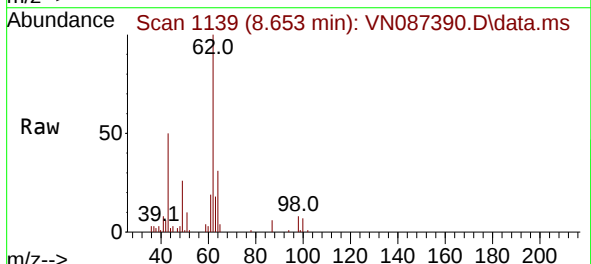
Instrument :
MSVOA_N
ClientSampleId :
VN0722WBS01

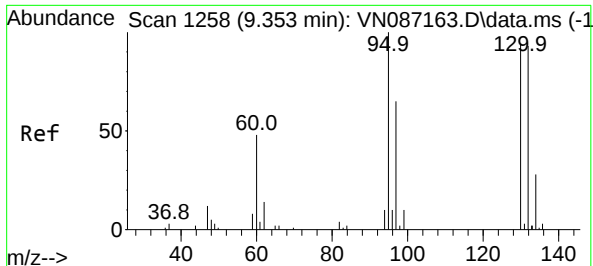
Tgt Ion:	41	Resp:	28542
Ion Ratio	Lower	Upper	
41	100		
39	65.1	24.4	73.2
67	63.1	33.3	99.8
52	26.2	14.1	42.4



#36
1,2-Dichloroethane
Concen: 23.732 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.018 min
Lab File: VN087390.D
Acq: 22 Jul 2025 15:14

Tgt Ion:	62	Resp:	51297
Ion Ratio	Lower	Upper	
62	100		
98	8.1	7.2	10.8





#37

Trichloroethene

Concen: 18.024 ug/l

RT: 9.335 min Scan# 11

Delta R.T. -0.018 min

Lab File: VN087390.D

Acq: 22 Jul 2025 15:14

Instrument :

MSVOA_N

ClientSampleId :

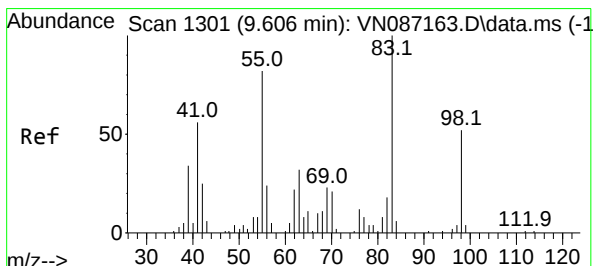
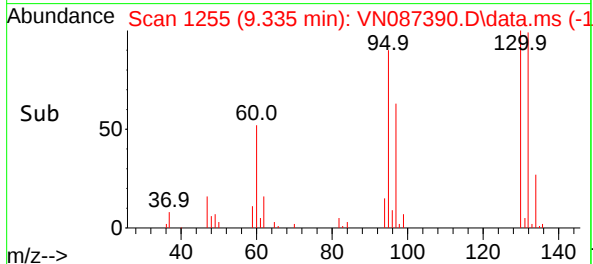
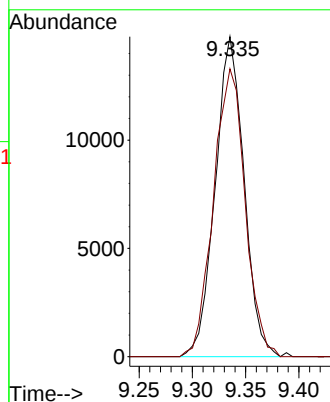
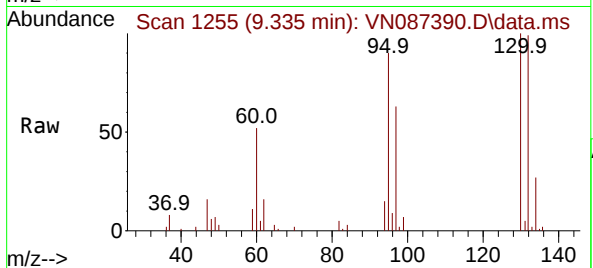
VN0722WBS01

Tgt Ion:130 Resp: 27813

Ion Ratio Lower Upper

130 100

95 90.0 85.3 127.9



#38

Methylcyclohexane

Concen: 14.686 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. -0.024 min

Lab File: VN087390.D

Acq: 22 Jul 2025 15:14

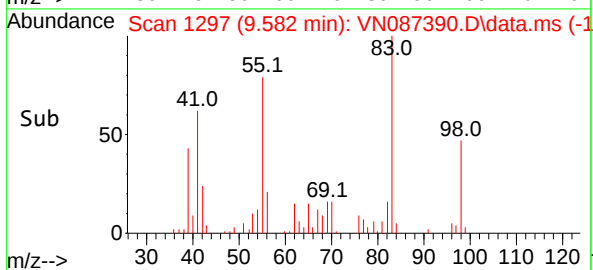
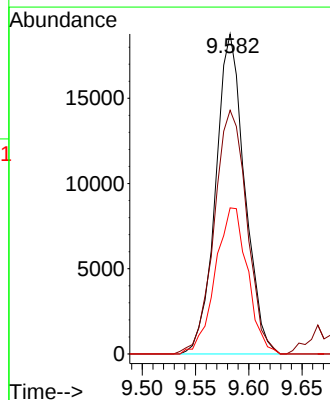
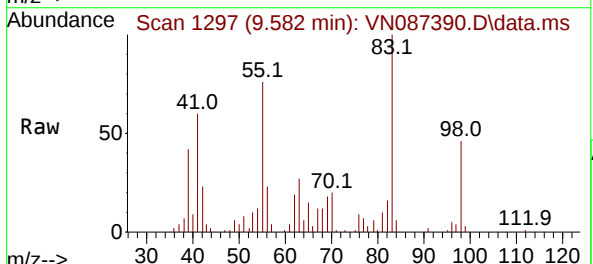
Tgt Ion: 83 Resp: 35584

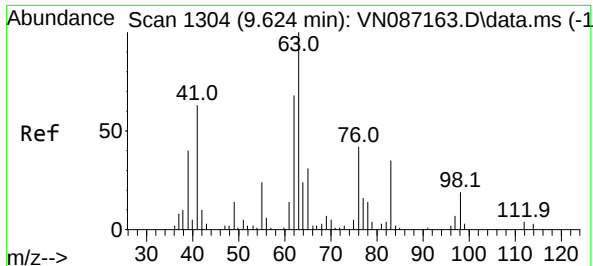
Ion Ratio Lower Upper

83 100

55 85.6 40.1 120.2

98 50.8 24.4 73.2





#39

1,2-Dichloropropane

Concen: 19.045 ug/l

RT: 9.606 min Scan# 11

Delta R.T. -0.018 min

Lab File: VN087390.D

Acq: 22 Jul 2025 15:14

Instrument :

MSVOA_N

ClientSampleId :

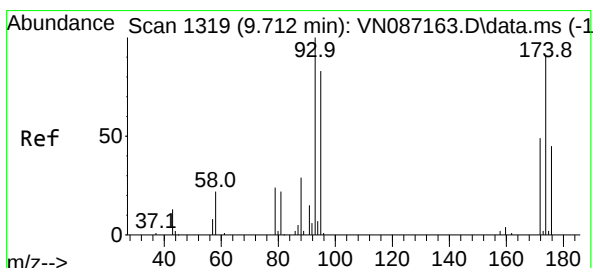
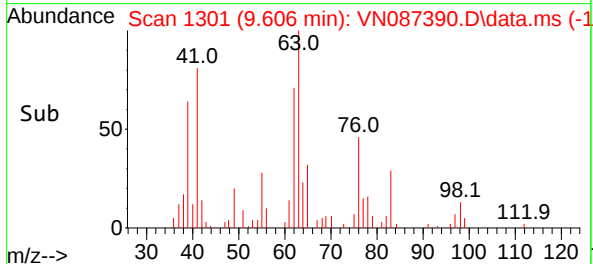
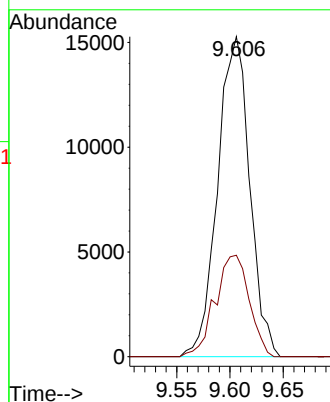
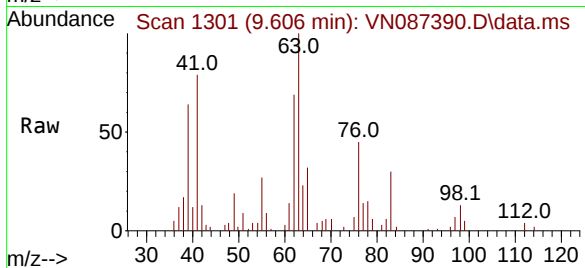
VN0722WBS01

Tgt Ion: 63 Resp: 31979

Ion Ratio Lower Upper

63 100

65 31.7 24.6 36.8



#40

Dibromomethane

Concen: 21.539 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.018 min

Lab File: VN087390.D

Acq: 22 Jul 2025 15:14

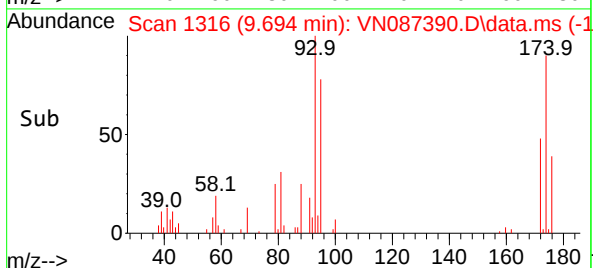
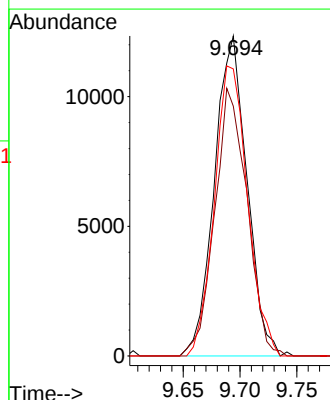
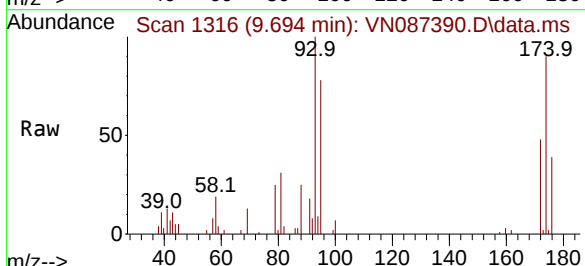
Tgt Ion: 93 Resp: 24593

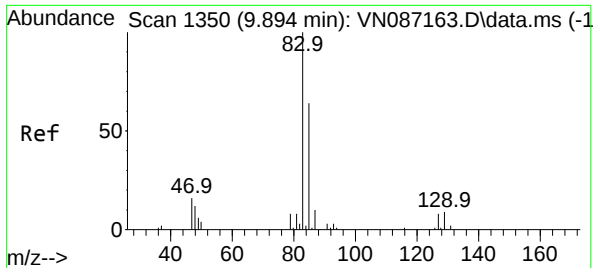
Ion Ratio Lower Upper

93 100

95 83.2 0.0 170.8

174 92.4 0.0 176.6

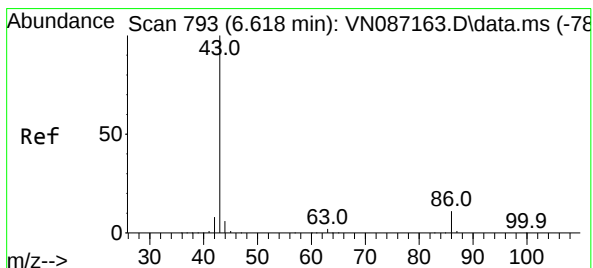
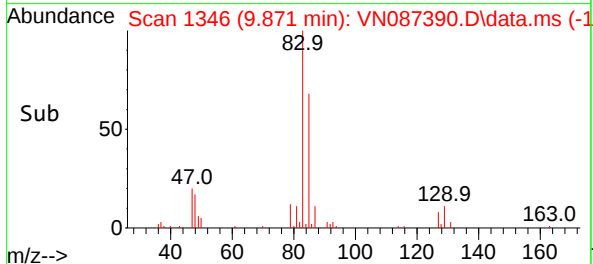
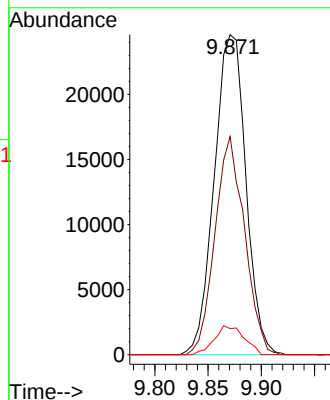
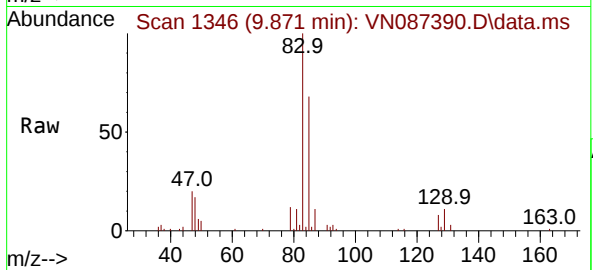




#41
Bromodichloromethane
Concen: 22.002 ug/l
RT: 9.871 min Scan# 1
Delta R.T. -0.024 min
Lab File: VN087390.D
Acq: 22 Jul 2025 15:14

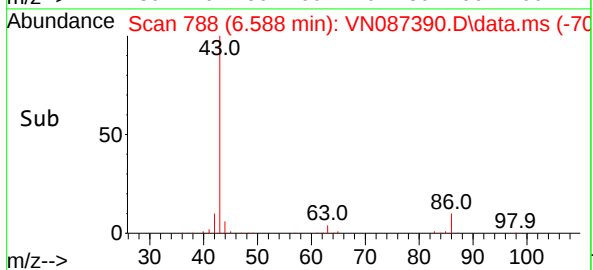
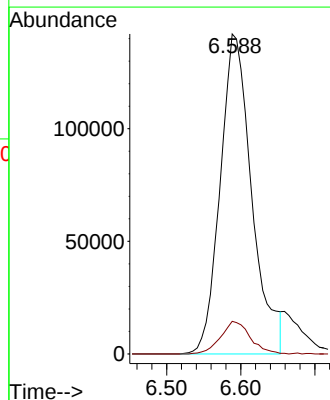
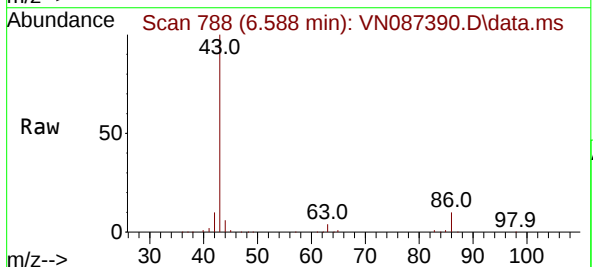
Instrument :
MSVOA_N
ClientSampleId :
VN0722WBS01

Tgt Ion: 83 Resp: 50707
Ion Ratio Lower Upper
83 100
85 68.2 51.4 77.2
127 8.1 6.1 9.1



#42
Vinyl Acetate
Concen: 90.835 ug/l
RT: 6.588 min Scan# 788
Delta R.T. -0.029 min
Lab File: VN087390.D
Acq: 22 Jul 2025 15:14

Tgt Ion: 43 Resp: 420856
Ion Ratio Lower Upper
43 100
86 9.6 7.7 11.5

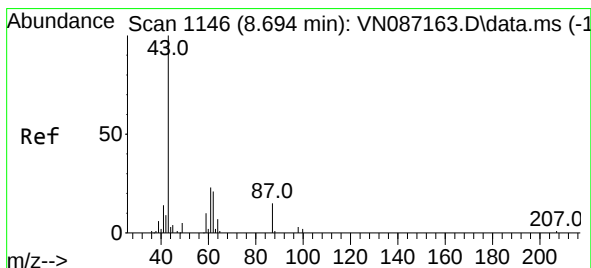
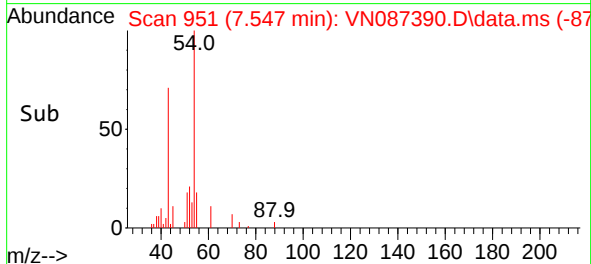
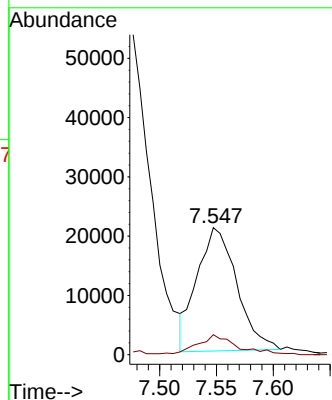
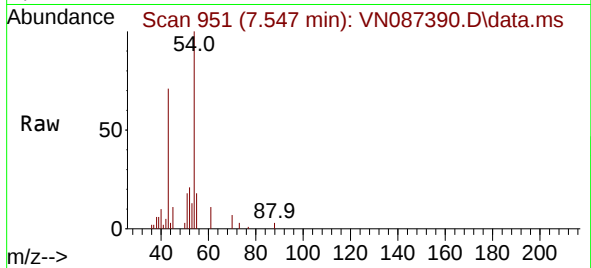




#43
Ethyl Acetate
Concen: 19.737 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.024 min
Lab File: VN087390.D
Acq: 22 Jul 2025 15:14

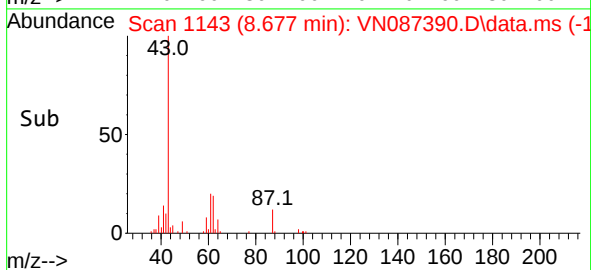
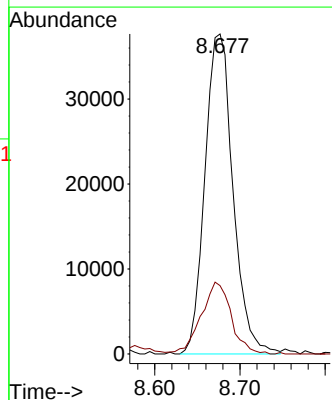
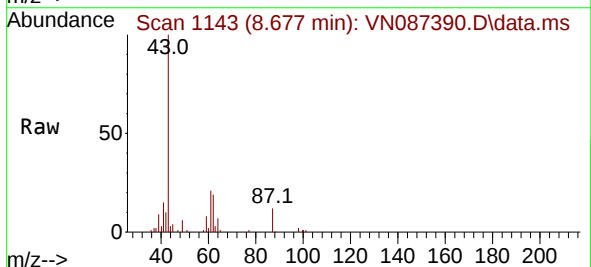
Instrument :
MSVOA_N
ClientSampleId :
VN0722WBS01

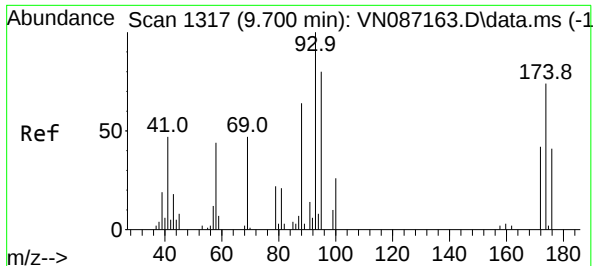
Tgt Ion: 43 Resp: 50754
Ion Ratio Lower Upper
43 100
45 12.7 11.5 17.3



#44
Isopropyl Acetate
Concen: 20.612 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.018 min
Lab File: VN087390.D
Acq: 22 Jul 2025 15:14

Tgt Ion: 43 Resp: 86358
Ion Ratio Lower Upper
43 100
61 24.0 20.5 30.7

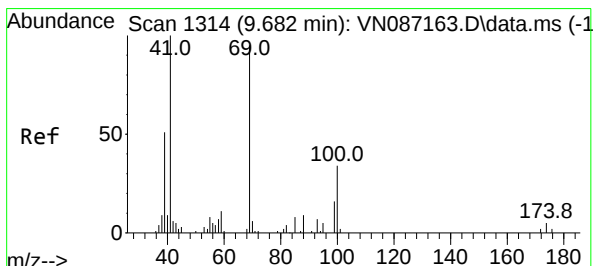
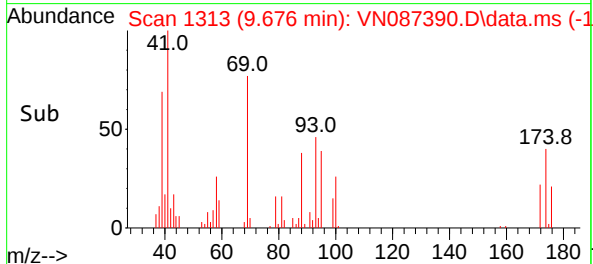
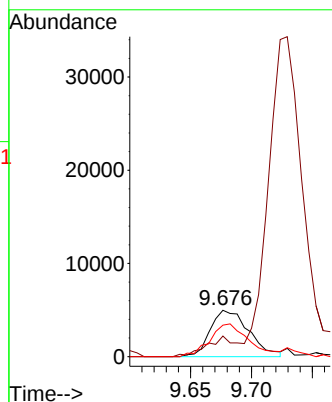
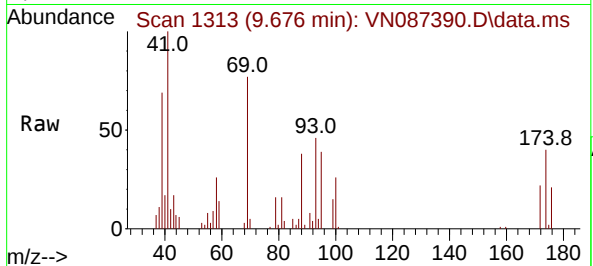




#45
1,4-Dioxane
Concen: 387.941 ug/l
RT: 9.676 min Scan# 1311
Delta R.T. -0.024 min
Lab File: VN087390.D
Acq: 22 Jul 2025 15:14

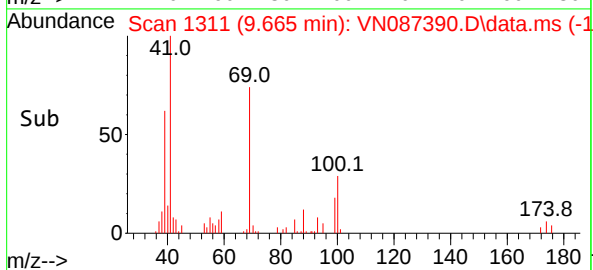
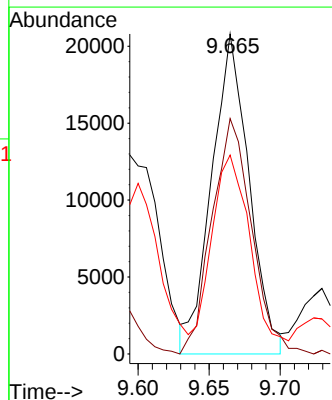
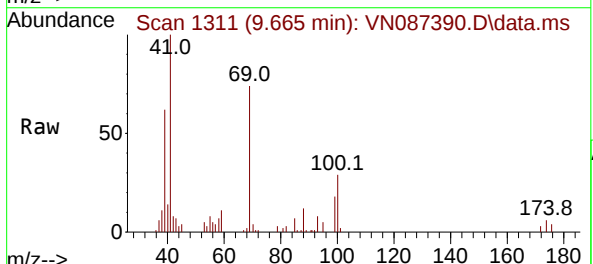
Instrument :
MSVOA_N
ClientSampleId :
VN0722WBS01

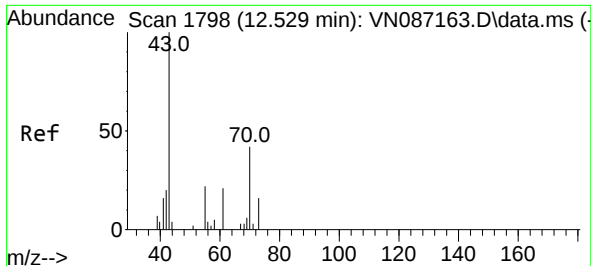
Tgt Ion: 88 Resp: 10995
Ion Ratio Lower Upper
88 100
43 36.0 21.3 31.9#
58 71.4 61.7 92.5



#46
Methyl methacrylate
Concen: 19.515 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.018 min
Lab File: VN087390.D
Acq: 22 Jul 2025 15:14

Tgt Ion: 41 Resp: 38010
Ion Ratio Lower Upper
41 100
69 78.5 45.6 136.9
39 60.6 26.2 78.5

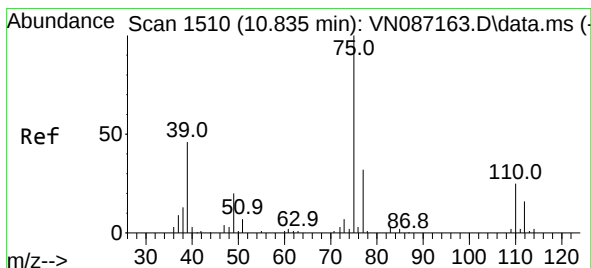
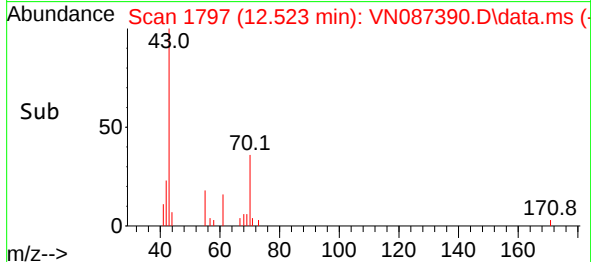
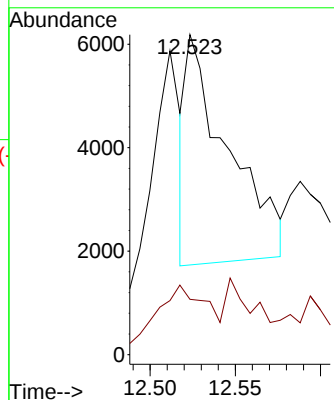
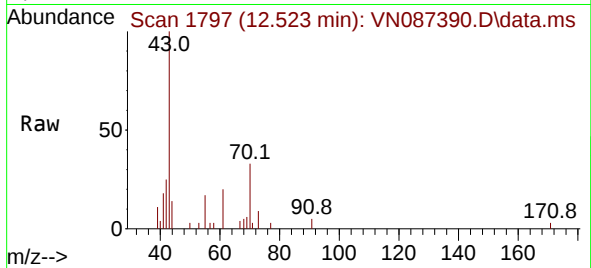




#47
n-amy1 Acetate
Concen: 2.988 ug/l
RT: 12.523 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087390.D
Acq: 22 Jul 2025 15:14

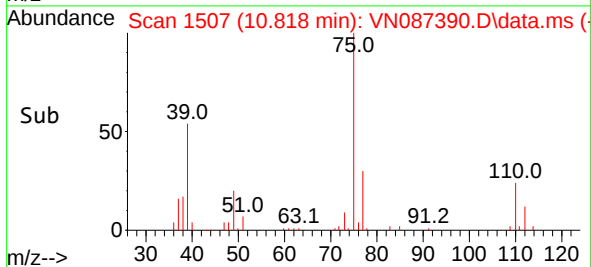
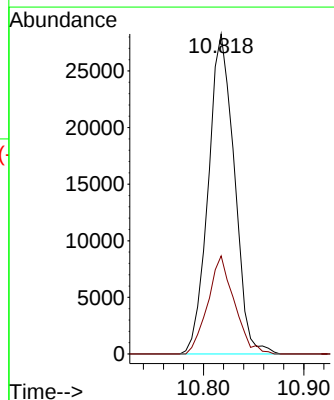
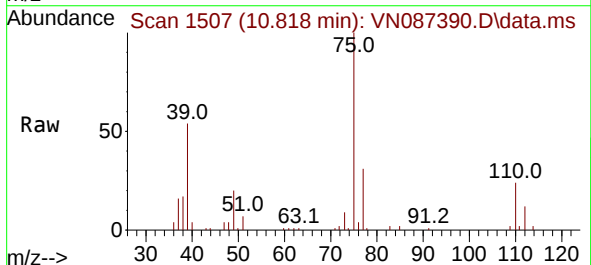
Instrument :
MSVOA_N
ClientSampleId :
VN0722WBS01

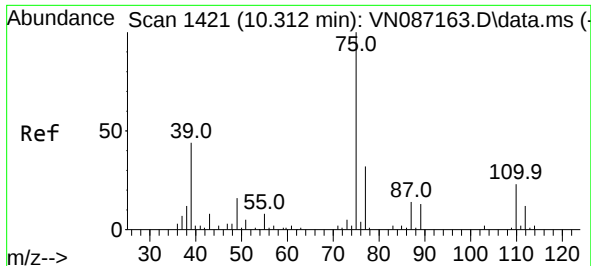
Tgt Ion: 43 Resp: 7654
Ion Ratio Lower Upper
43 100
55 30.8 0.0 0.0#



#48
t-1,3-Dichloropropene
Concen: 19.893 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.018 min
Lab File: VN087390.D
Acq: 22 Jul 2025 15:14

Tgt Ion: 75 Resp: 51109
Ion Ratio Lower Upper
75 100
77 30.7 25.4 38.0

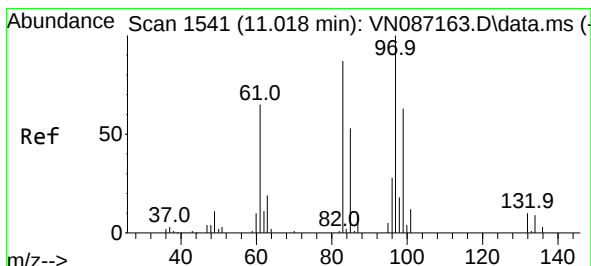
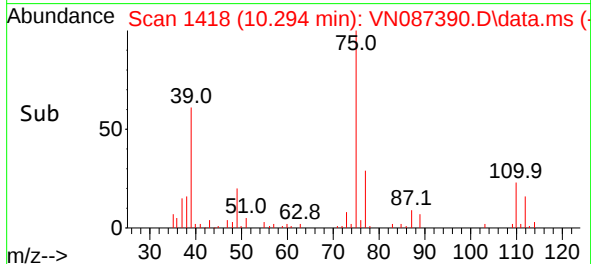
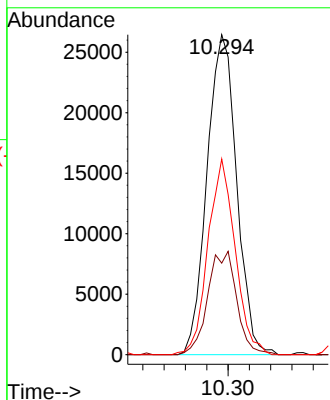
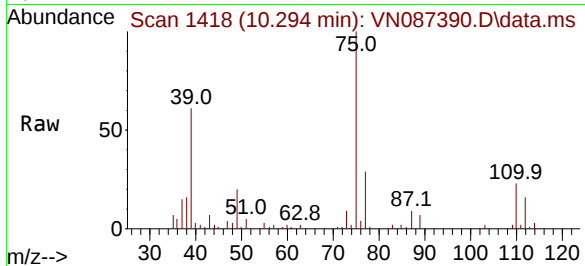




#49
 cis-1,3-Dichloropropene
 Concen: 18.710 ug/l
 RT: 10.294 min Scan# 1421
 Delta R.T. -0.018 min
 Lab File: VN087390.D
 Acq: 22 Jul 2025 15:14

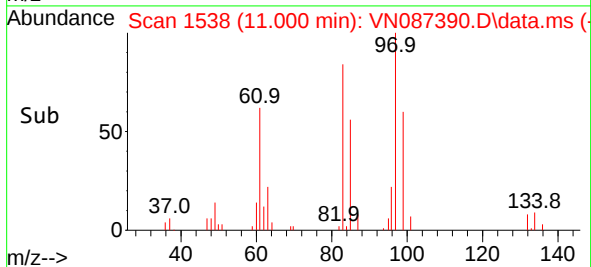
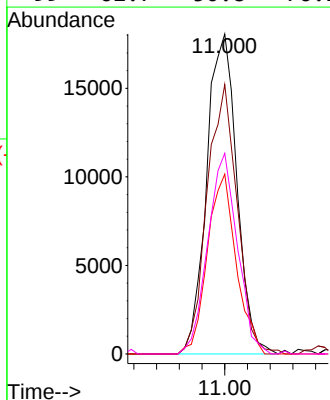
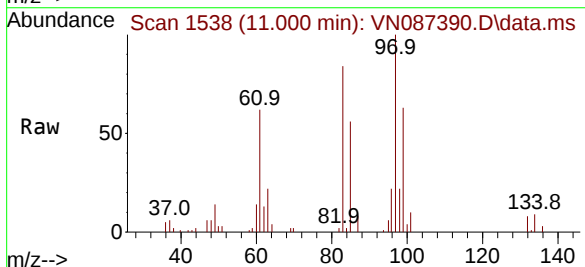
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0722WBS01

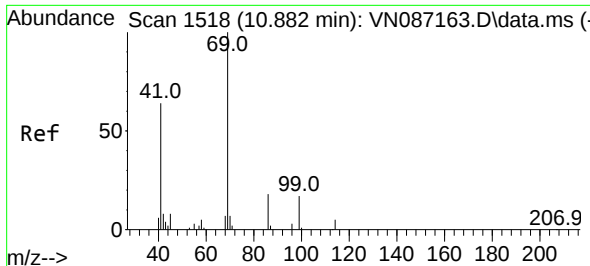
Tgt Ion: 75 Resp: 51104
 Ion Ratio Lower Upper
 75 100
 77 28.6 25.4 38.2
 39 61.1 35.3 52.9#



#50
 1,1,2-Trichloroethane
 Concen: 20.540 ug/l
 RT: 11.000 min Scan# 1538
 Delta R.T. -0.018 min
 Lab File: VN087390.D
 Acq: 22 Jul 2025 15:14

Tgt Ion: 97 Resp: 33315
 Ion Ratio Lower Upper
 97 100
 83 84.2 69.6 104.4
 85 56.2 42.0 63.0
 99 62.7 50.8 76.2

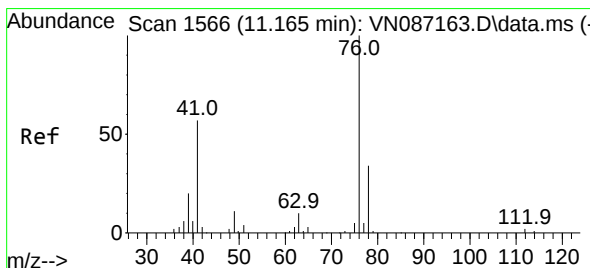
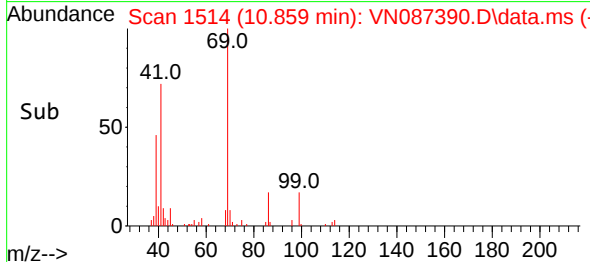
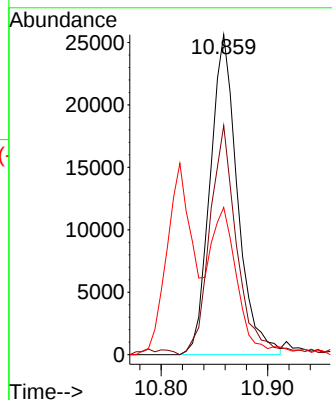
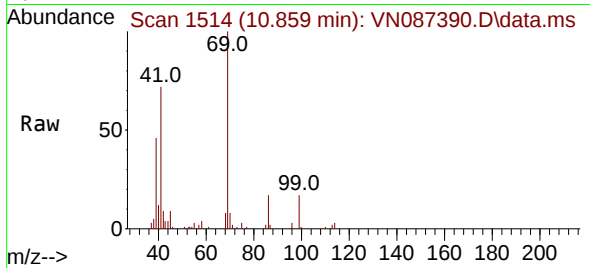




#51
Ethyl methacrylate
Concen: 18.528 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. -0.024 min
Lab File: VN087390.D
Acq: 22 Jul 2025 15:14

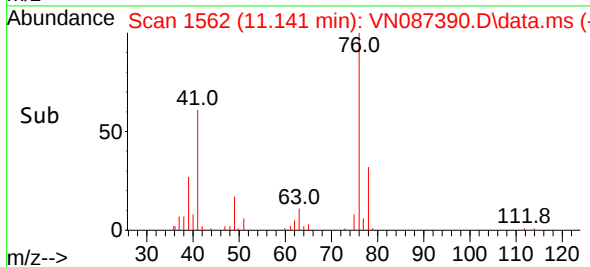
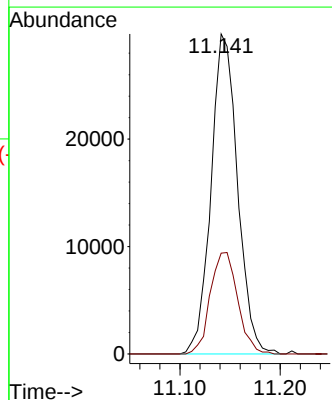
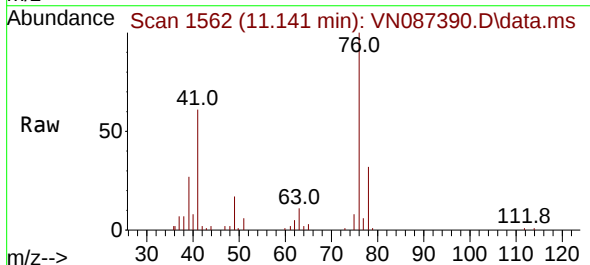
Instrument :
MSVOA_N
ClientSampleId :
VN0722WBS01

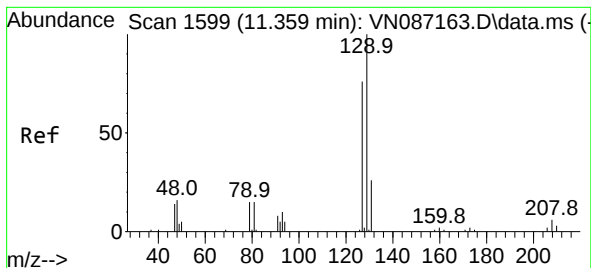
Tgt Ion: 69 Resp: 45738
Ion Ratio Lower Upper
69 100
41 71.6 31.8 95.3
39 43.6 15.3 45.8



#52
1,3-Dichloropropane
Concen: 19.632 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.024 min
Lab File: VN087390.D
Acq: 22 Jul 2025 15:14

Tgt Ion: 76 Resp: 54665
Ion Ratio Lower Upper
76 100
78 32.7 0.0 63.0





#53

Dibromochloromethane

Concen: 22.109 ug/l

RT: 11.341 min Scan# 11

Delta R.T. -0.018 min

Lab File: VN087390.D

Acq: 22 Jul 2025 15:14

Instrument :

MSVOA_N

ClientSampleId :

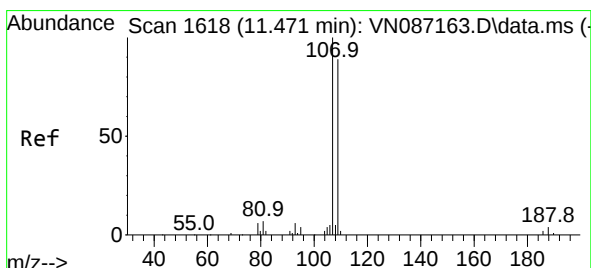
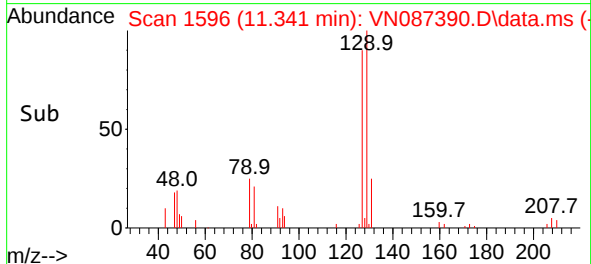
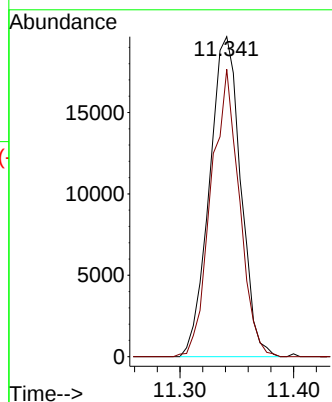
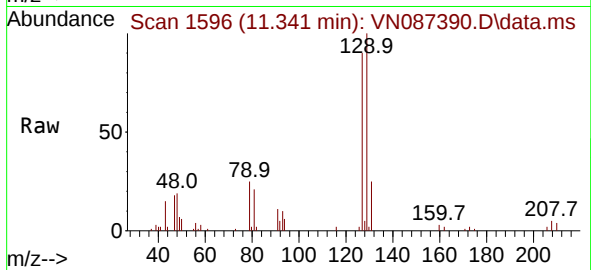
VN0722WBS01

Tgt Ion:129 Resp: 37641

Ion Ratio Lower Upper

129 100

127 81.2 39.6 118.8



#54

1,2-Dibromoethane

Concen: 19.825 ug/l

RT: 11.453 min Scan# 1615

Delta R.T. -0.018 min

Lab File: VN087390.D

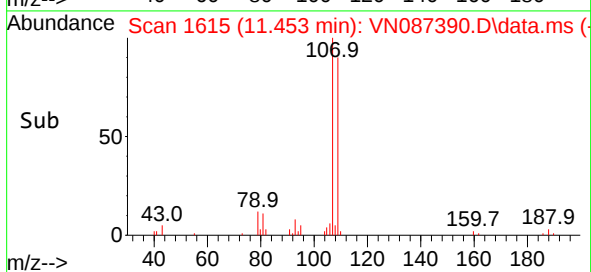
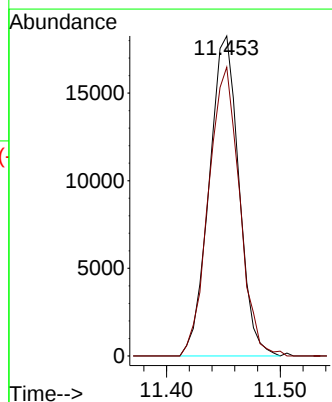
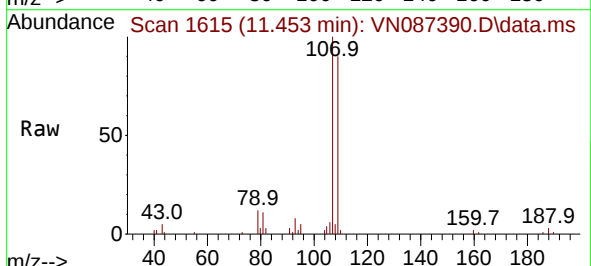
Acq: 22 Jul 2025 15:14

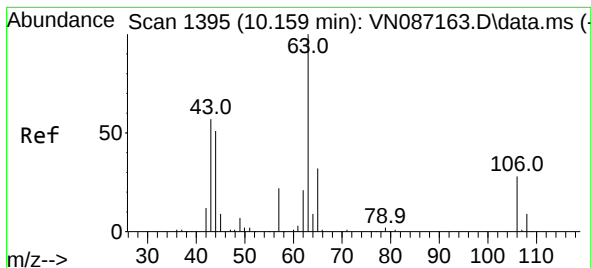
Tgt Ion:107 Resp: 33175

Ion Ratio Lower Upper

107 100

109 94.1 73.5 110.3

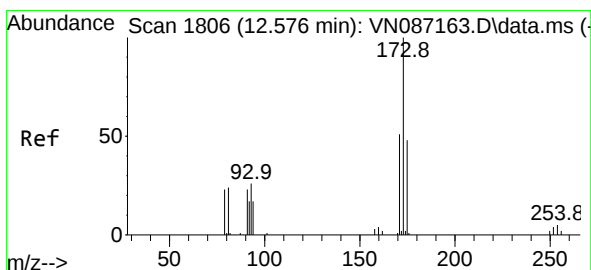
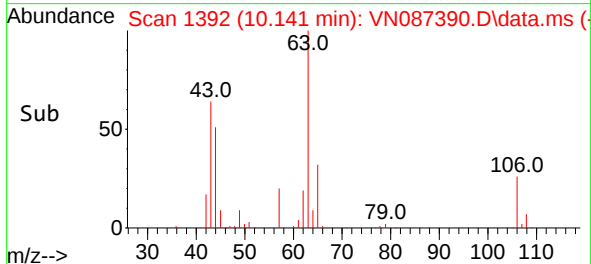
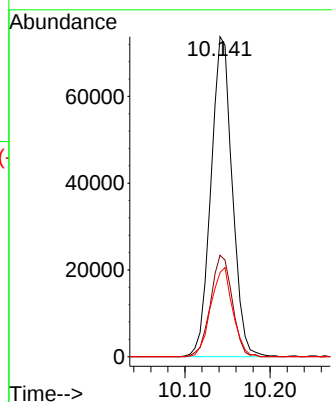
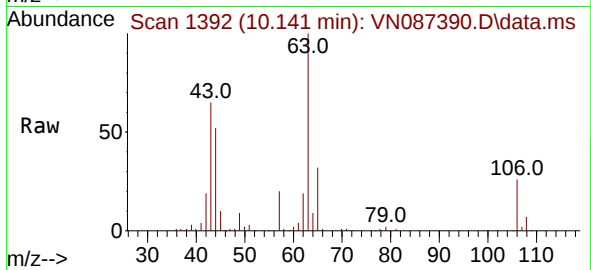




#55
2-Chloroethyl vinyl ether
Concen: 90.508 ug/l
RT: 10.141 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN087390.D
Acq: 22 Jul 2025 15:14

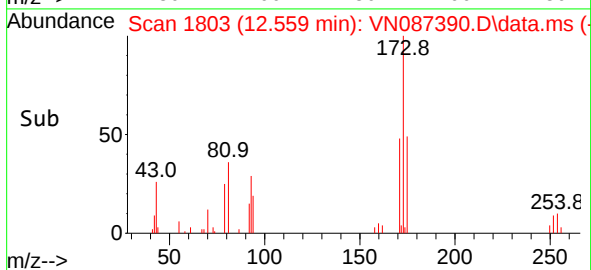
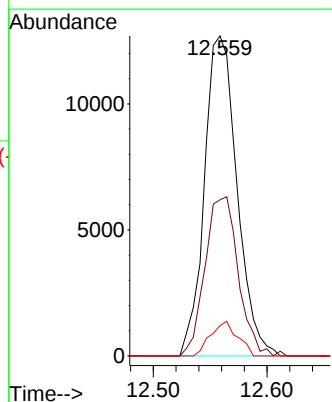
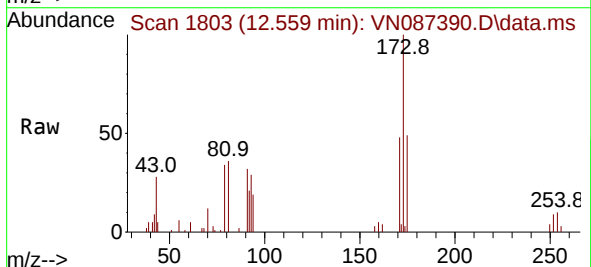
Instrument :
MSVOA_N
ClientSampleId :
VN0722WBS01

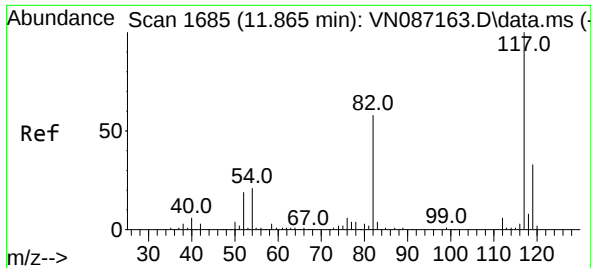
Tgt Ion: 63 Resp: 128071
Ion Ratio Lower Upper
63 100
65 32.1 25.6 38.4
106 28.4 21.9 32.9



#56
Bromoform
Concen: 21.643 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.018 min
Lab File: VN087390.D
Acq: 22 Jul 2025 15:14

Tgt Ion:173 Resp: 25331
Ion Ratio Lower Upper
173 100
175 50.5 38.7 58.1
254 8.9 4.2 6.4#

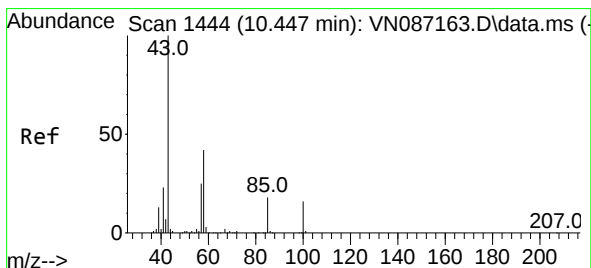
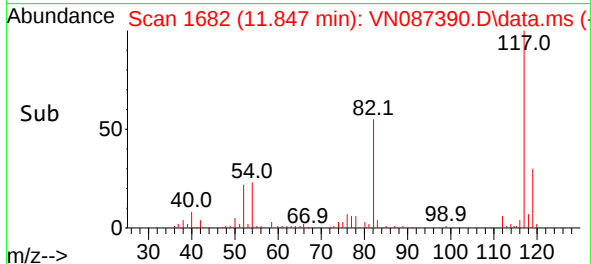
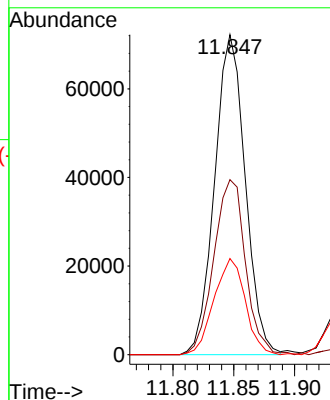
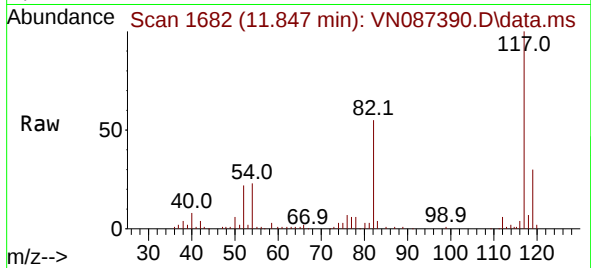




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN087390.D
Acq: 22 Jul 2025 15:14

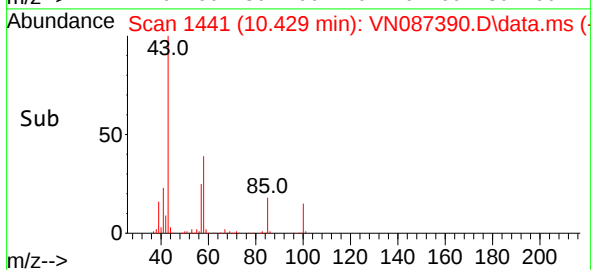
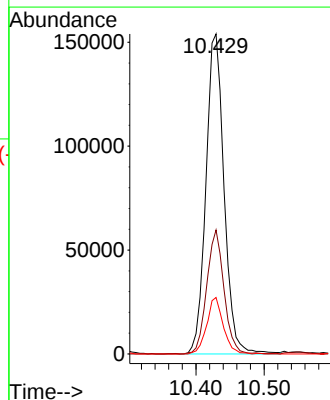
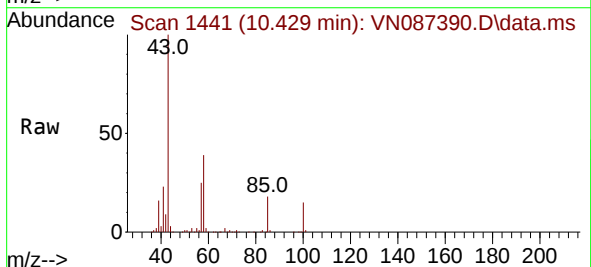
Instrument :
MSVOA_N
ClientSampleId :
VN0722WBS01

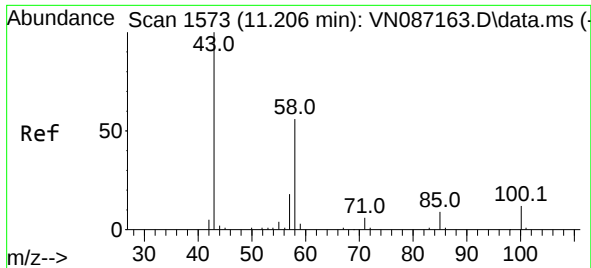
Tgt Ion:117 Resp: 126406
Ion Ratio Lower Upper
117 100
82 56.5 45.4 68.2
119 30.7 26.2 39.4



#58
4-Methyl-2-Pentanone
Concen: 112.178 ug/l
RT: 10.429 min Scan# 1441
Delta R.T. -0.018 min
Lab File: VN087390.D
Acq: 22 Jul 2025 15:14

Tgt Ion: 43 Resp: 285069
Ion Ratio Lower Upper
43 100
58 36.8 32.6 49.0
85 16.1 14.6 22.0

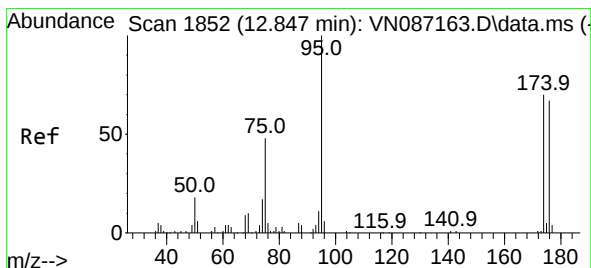
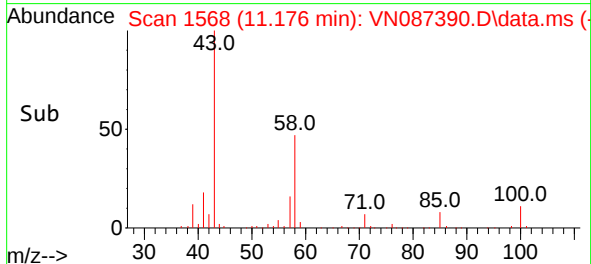
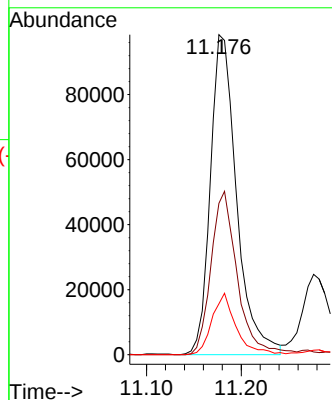
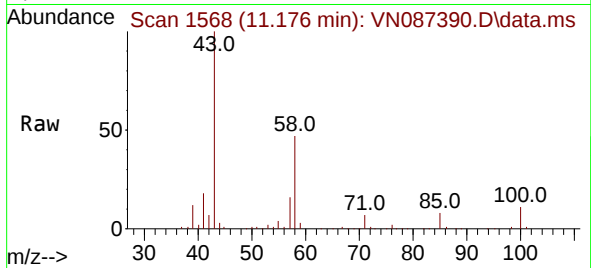




#59
2-Hexanone
Concen: 115.658 ug/l
RT: 11.176 min Scan# 11
Delta R.T. -0.029 min
Lab File: VN087390.D
Acq: 22 Jul 2025 15:14

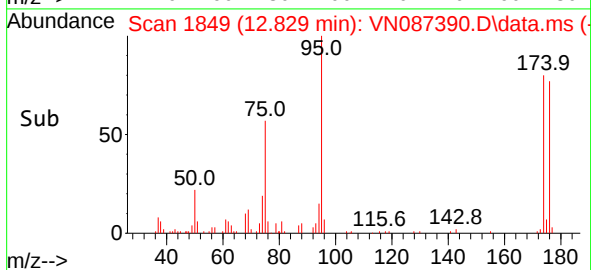
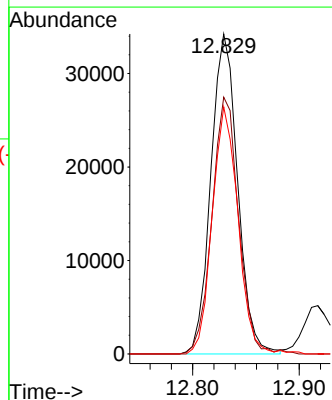
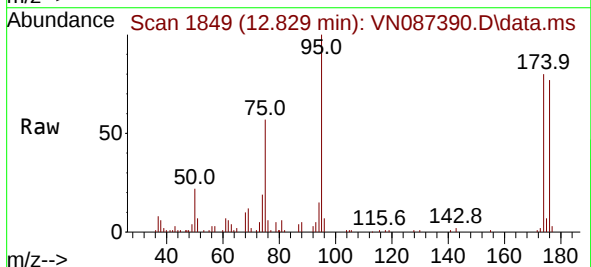
Instrument :
MSVOA_N
ClientSampleId :
VN0722WBS01

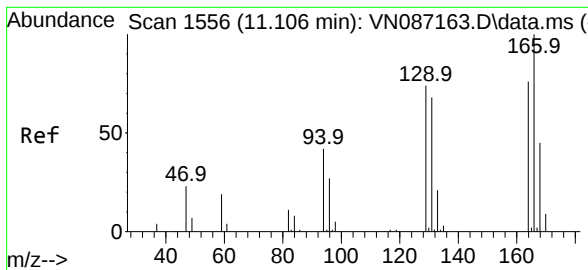
Tgt Ion: 43 Resp: 189787
Ion Ratio Lower Upper
43 100
58 51.0 49.2 73.8
57 17.6 15.3 22.9



#60
4-Bromofluorobenzene
Concen: 30.607 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.018 min
Lab File: VN087390.D
Acq: 22 Jul 2025 15:14

Tgt Ion: 95 Resp: 59701
Ion Ratio Lower Upper
95 100
174 79.3 54.5 81.7
176 74.1 51.9 77.9

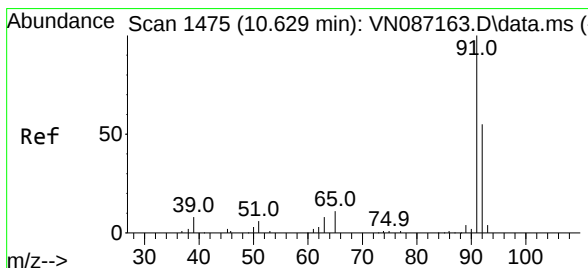
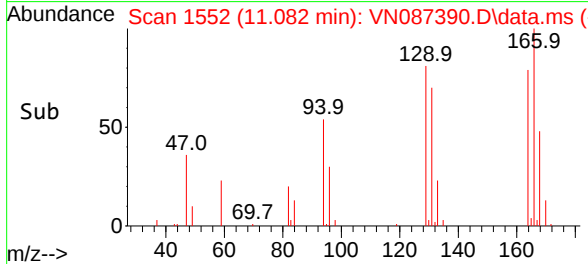
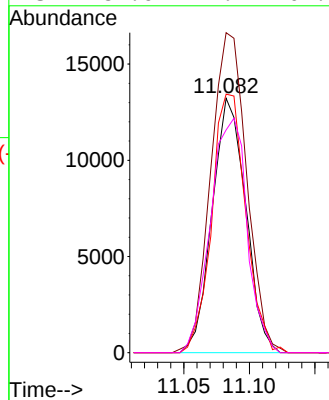
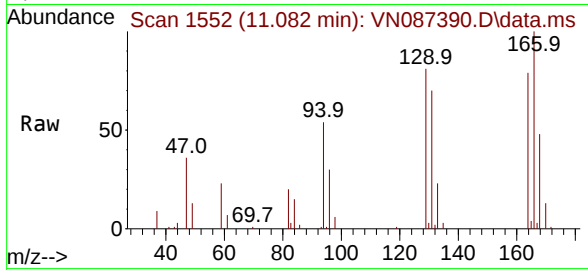




#61
Tetrachloroethene
Concen: 18.810 ug/l
RT: 11.082 min Scan# 11
Delta R.T. -0.024 min
Lab File: VN087390.D
Acq: 22 Jul 2025 15:14

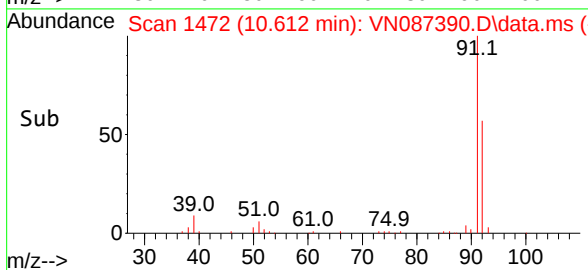
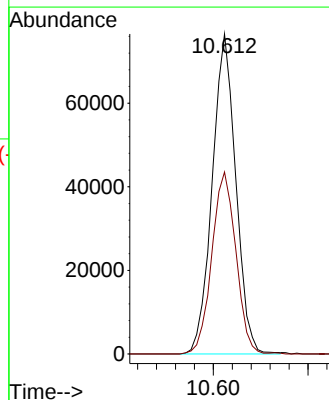
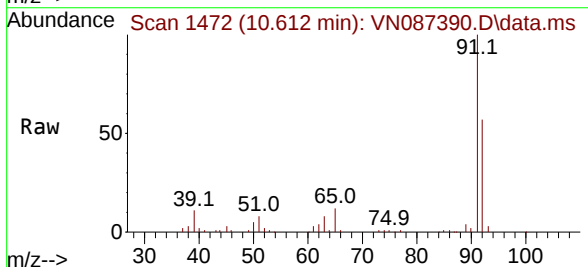
Instrument :
MSVOA_N
ClientSampleId :
VN0722WBS01

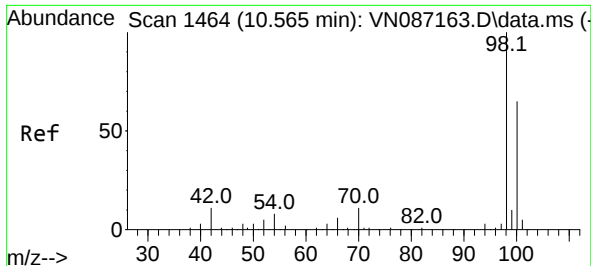
Tgt Ion:164 Resp: 23546
Ion Ratio Lower Upper
164 100
166 124.4 105.4 158.2
129 101.7 77.9 116.9
131 87.6 71.9 107.9



#62
Toluene
Concen: 18.526 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.018 min
Lab File: VN087390.D
Acq: 22 Jul 2025 15:14

Tgt Ion: 91 Resp: 132260
Ion Ratio Lower Upper
91 100
92 57.9 45.8 68.8

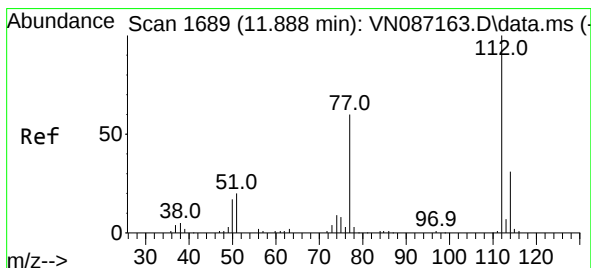
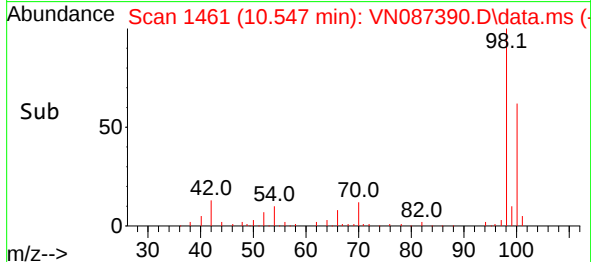
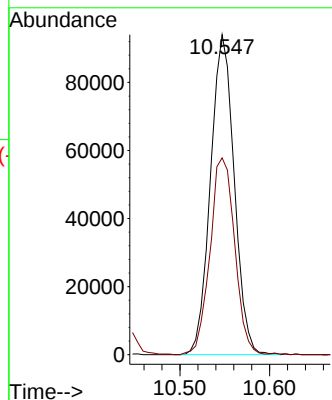
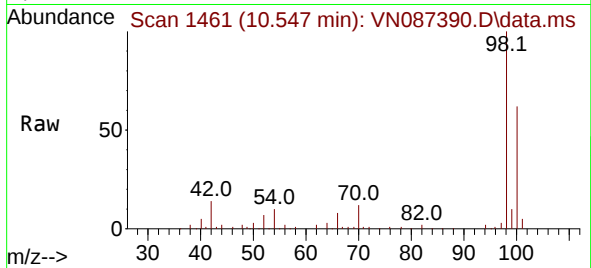




#63
Toluene-d8
Concen: 30.392 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.018 min
Lab File: VN087390.D
Acq: 22 Jul 2025 15:14

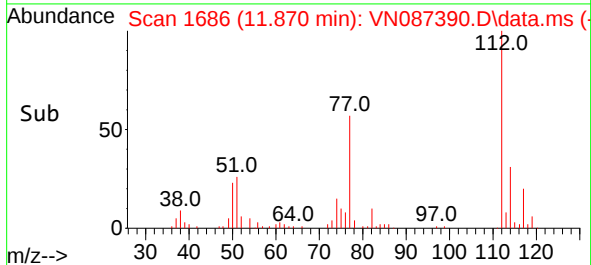
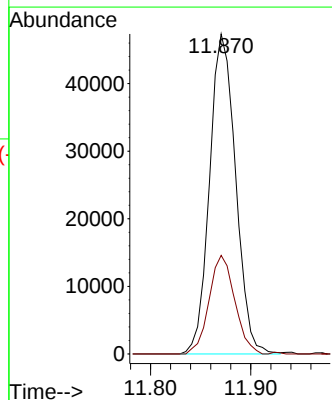
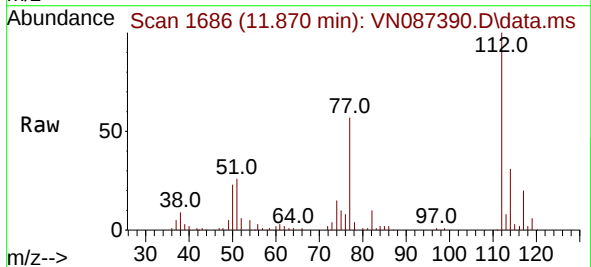
Instrument :
MSVOA_N
ClientSampleId :
VN0722WBS01

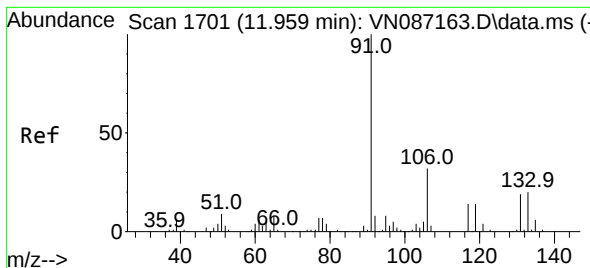
Tgt Ion: 98 Resp: 172491
Ion Ratio Lower Upper
98 100
100 64.0 52.5 78.7



#64
Chlorobenzene
Concen: 18.780 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.018 min
Lab File: VN087390.D
Acq: 22 Jul 2025 15:14

Tgt Ion: 112 Resp: 85524
Ion Ratio Lower Upper
112 100
114 30.8 25.0 37.4

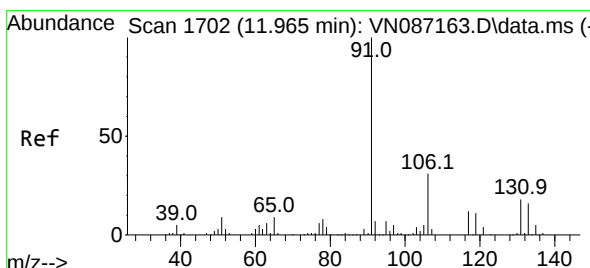
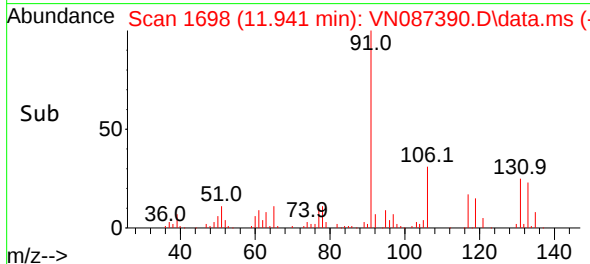
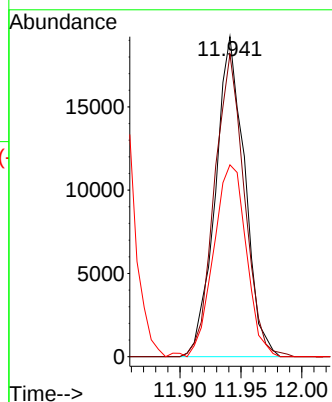
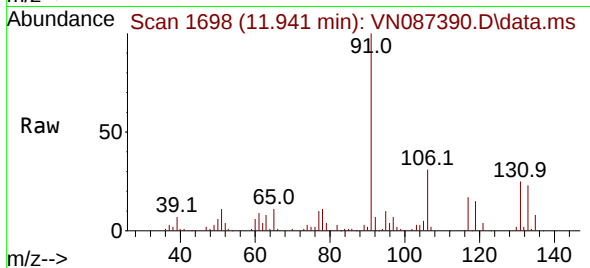




#65
1,1,1,2-Tetrachloroethane
Concen: 21.462 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.018 min
Lab File: VN087390.D
Acq: 22 Jul 2025 15:14

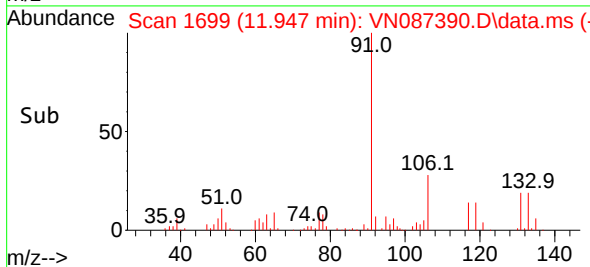
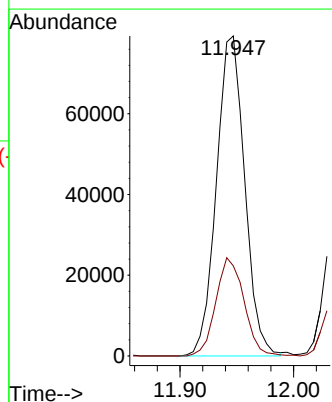
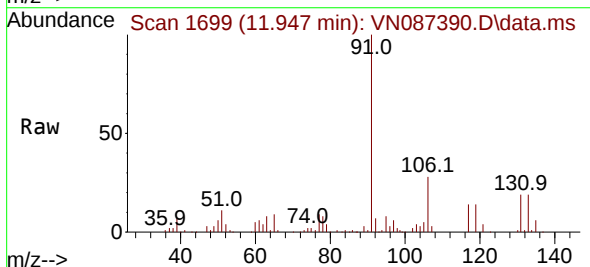
Instrument :
MSVOA_N
ClientSampleId :
VN0722WBS01

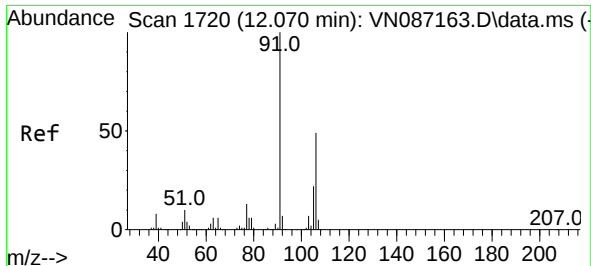
Tgt Ion:131 Resp: 32293
Ion Ratio Lower Upper
131 100
133 95.7 0.0 187.8
119 66.2 0.0 140.0



#66
Ethyl Benzene
Concen: 17.551 ug/l
RT: 11.947 min Scan# 1699
Delta R.T. -0.018 min
Lab File: VN087390.D
Acq: 22 Jul 2025 15:14

Tgt Ion: 91 Resp: 137146
Ion Ratio Lower Upper
91 100
106 28.2 24.8 37.2

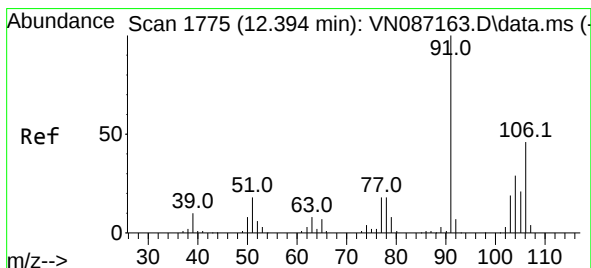
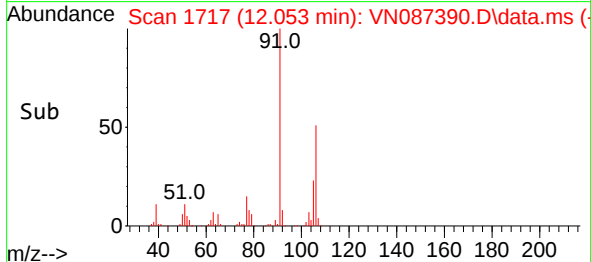
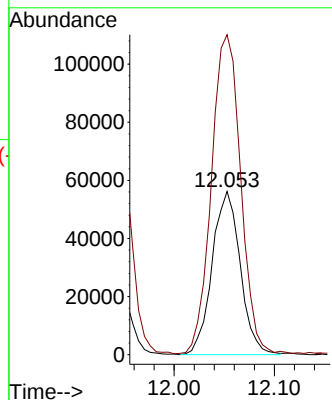
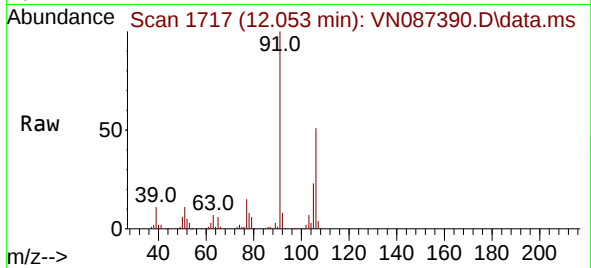




#67
m/p-Xylenes
Concen: 36.599 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. -0.018 min
Lab File: VN087390.D
Acq: 22 Jul 2025 15:14

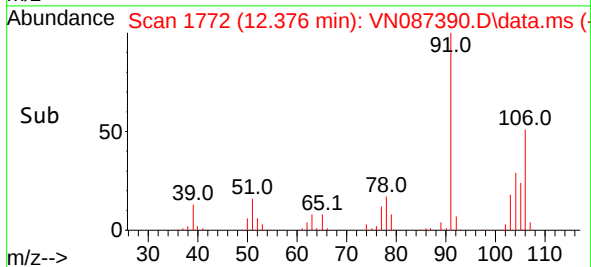
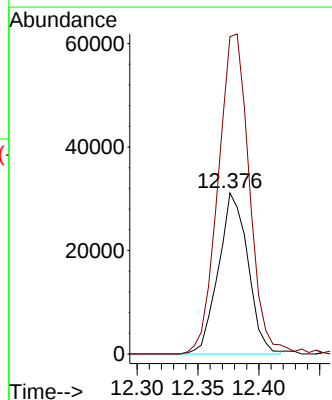
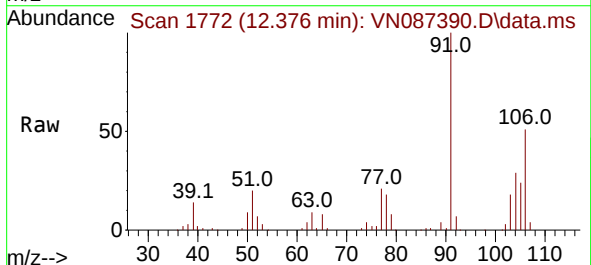
Instrument :
MSVOA_N
ClientSampleId :
VN0722WBS01

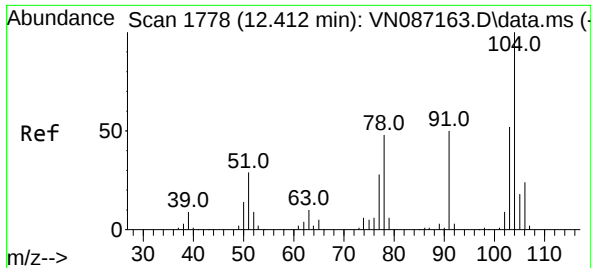
Tgt Ion:106 Resp: 109592
Ion Ratio Lower Upper
106 100
91 204.0 163.0 244.4



#68
o-Xylene
Concen: 18.358 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.018 min
Lab File: VN087390.D
Acq: 22 Jul 2025 15:14

Tgt Ion:106 Resp: 52447
Ion Ratio Lower Upper
106 100
91 211.3 107.1 321.1

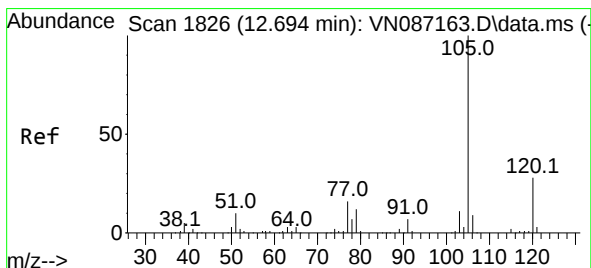
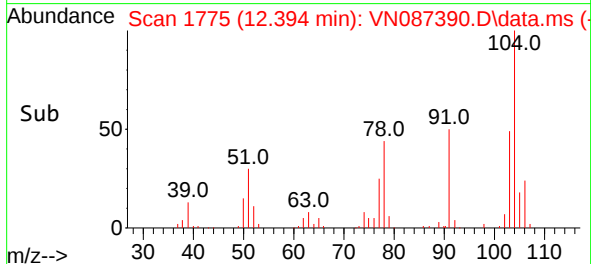
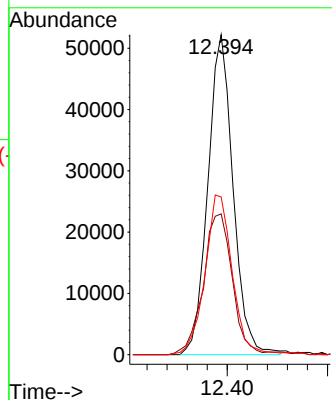
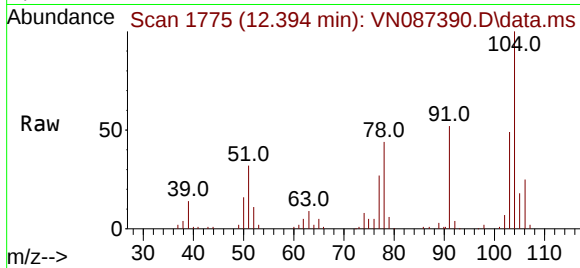




#69
Styrene
Concen: 18.609 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.018 min
Lab File: VN087390.D
Acq: 22 Jul 2025 15:14

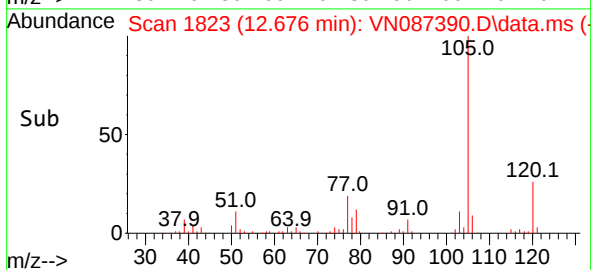
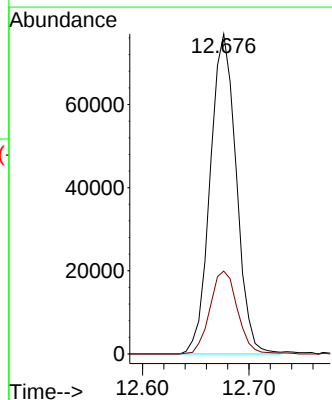
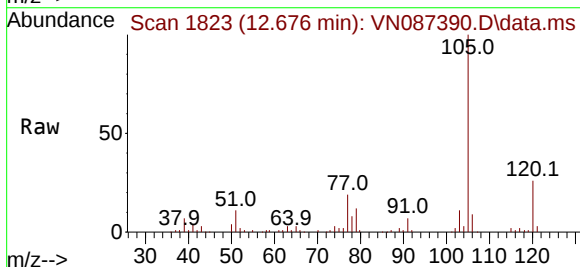
Instrument :
MSVOA_N
ClientSampleId :
VN0722WBS01

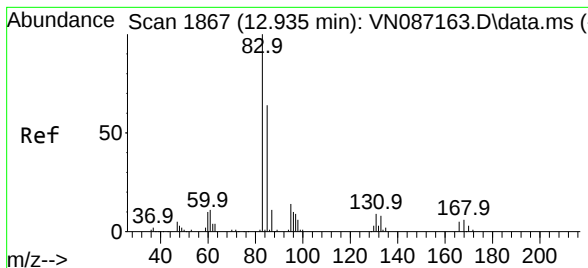
Tgt Ion:104 Resp: 91266
Ion Ratio Lower Upper
104 100
78 50.4 39.8 59.8
103 53.7 44.2 66.4



#70
Isopropylbenzene
Concen: 18.394 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. -0.018 min
Lab File: VN087390.D
Acq: 22 Jul 2025 15:14

Tgt Ion:105 Resp: 130872
Ion Ratio Lower Upper
105 100
120 27.3 19.0 35.2

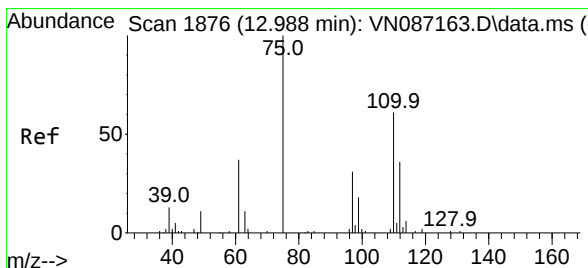
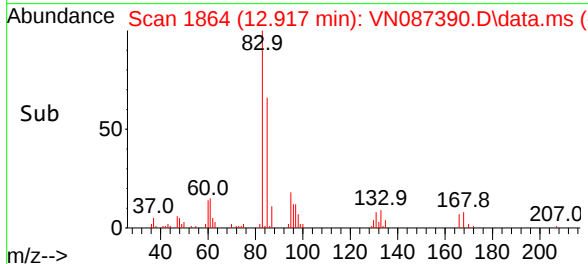
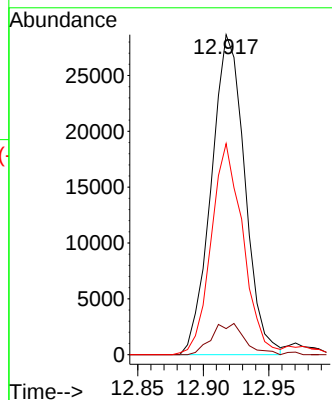
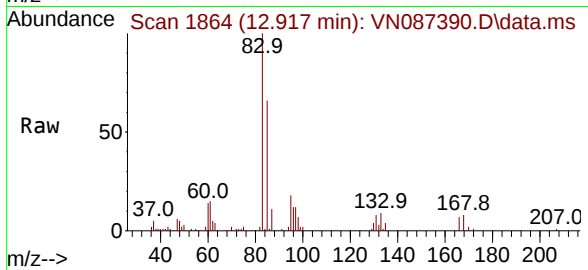




#71
1,1,2,2-Tetrachloroethane
Concen: 19.881 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. -0.018 min
Lab File: VN087390.D
Acq: 22 Jul 2025 15:14

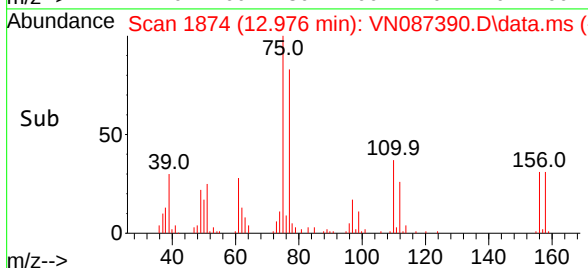
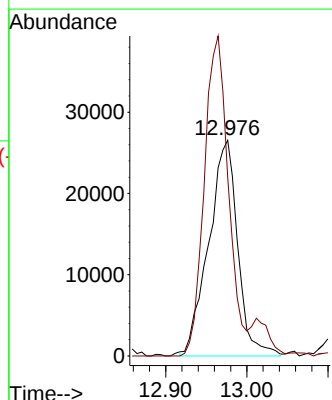
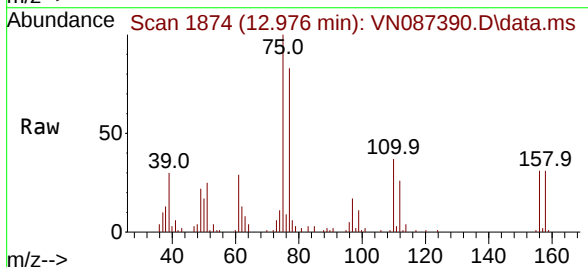
Instrument :
MSVOA_N
ClientSampleId :
VN0722WBS01

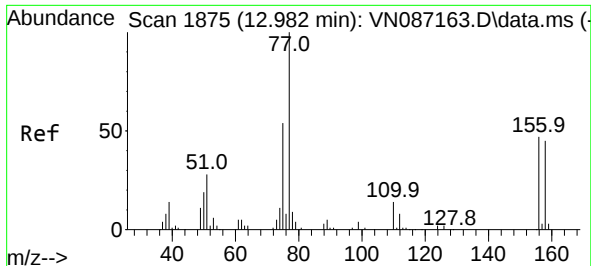
Tgt Ion: 83 Resp: 50914
Ion Ratio Lower Upper
83 100
131 9.6 4.5 13.4
85 62.6 31.3 93.9



#72
1,2,3-Trichloropropane
Concen: 29.869 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.012 min
Lab File: VN087390.D
Acq: 22 Jul 2025 15:14

Tgt Ion: 75 Resp: 65965
Ion Ratio Lower Upper
75 100
77 122.8 0.0 379.2

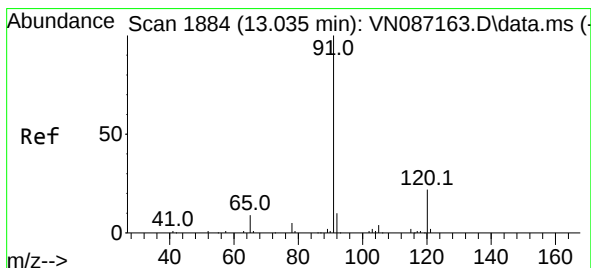
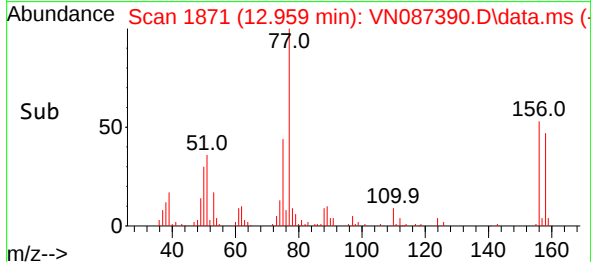
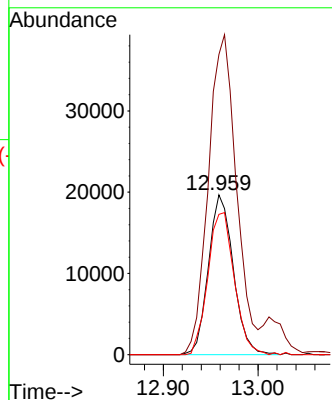
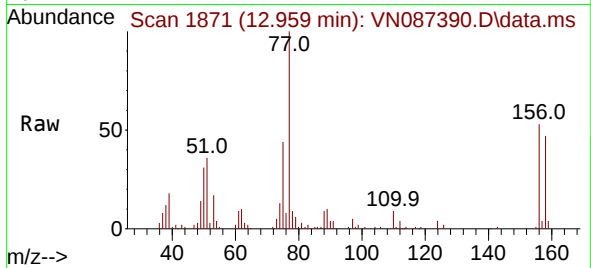




#73
Bromobenzene
Concen: 20.825 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.024 min
Lab File: VN087390.D
Acq: 22 Jul 2025 15:14

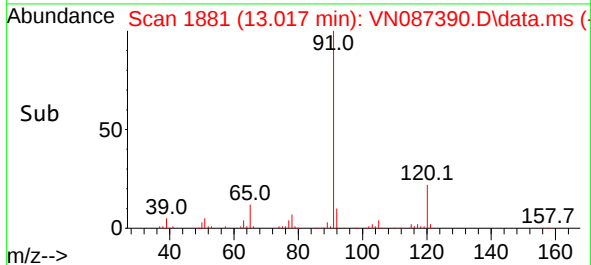
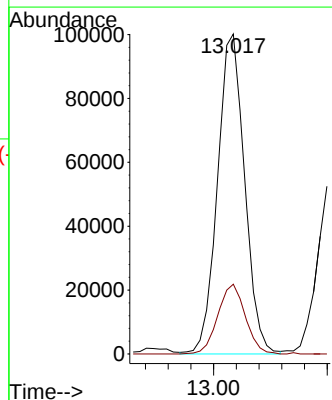
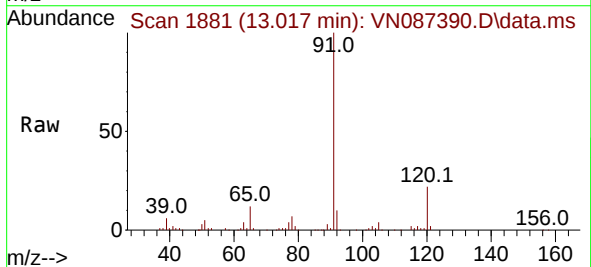
Instrument :
MSVOA_N
ClientSampleId :
VN0722WBS01

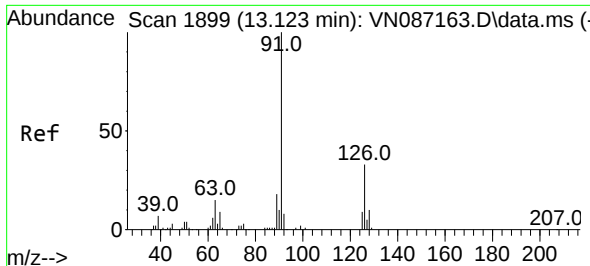
Tgt Ion:156 Resp: 35942
Ion Ratio Lower Upper
156 100
77 225.3 0.0 489.0
158 94.1 0.0 195.2



#74
n-propylbenzene
Concen: 19.125 ug/l
RT: 13.017 min Scan# 1881
Delta R.T. -0.018 min
Lab File: VN087390.D
Acq: 22 Jul 2025 15:14

Tgt Ion: 91 Resp: 166235
Ion Ratio Lower Upper
91 100
120 22.0 0.0 43.6

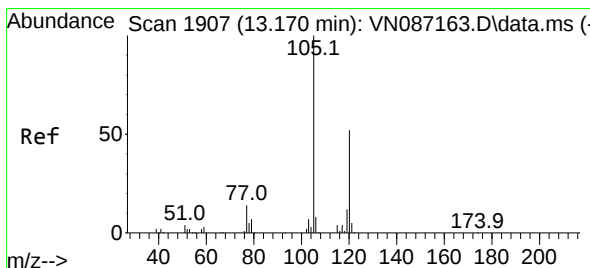
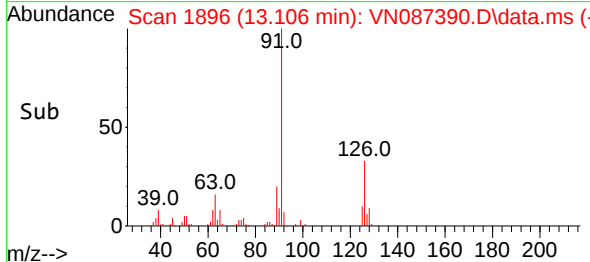
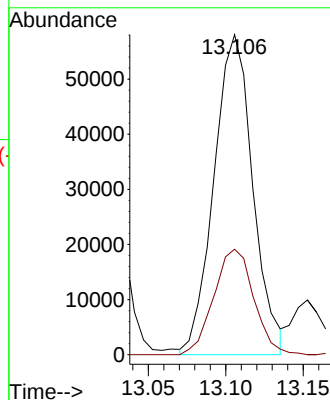
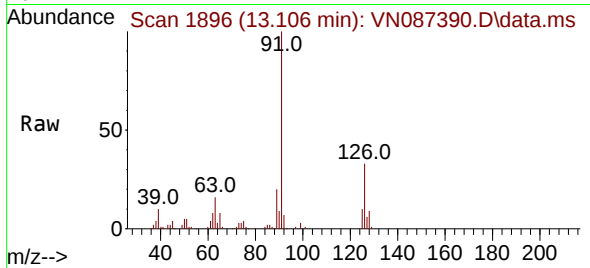




#75
2-Chlorotoluene
Concen: 19.308 ug/l
RT: 13.106 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN087390.D
Acq: 22 Jul 2025 15:14

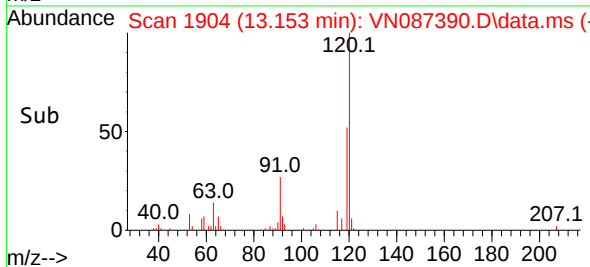
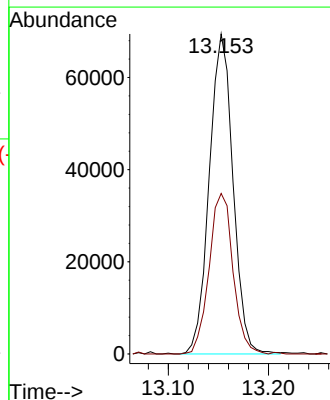
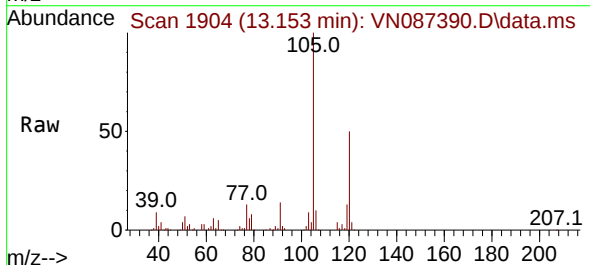
Instrument :
MSVOA_N
ClientSampleId :
VN0722WBS01

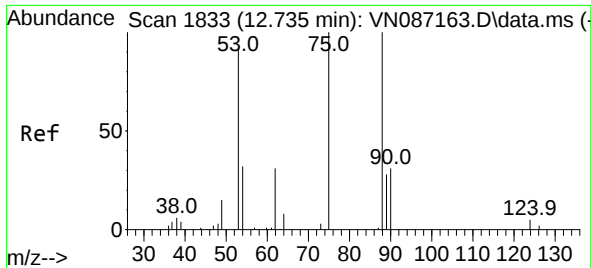
Tgt Ion: 91 Resp: 101393
Ion Ratio Lower Upper
91 100
126 33.8 0.0 63.8



#76
1,3,5-Trimethylbenzene
Concen: 19.716 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.018 min
Lab File: VN087390.D
Acq: 22 Jul 2025 15:14

Tgt Ion:105 Resp: 114199
Ion Ratio Lower Upper
105 100
120 50.5 0.0 100.8

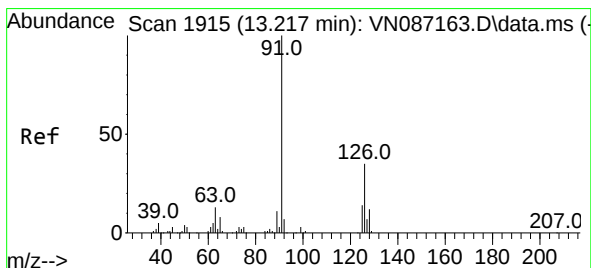
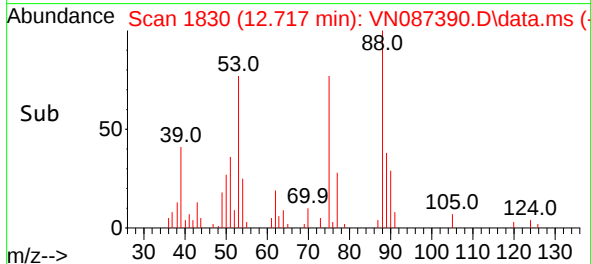
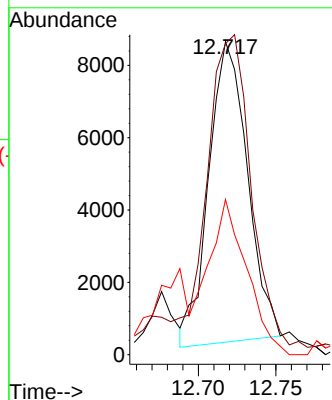
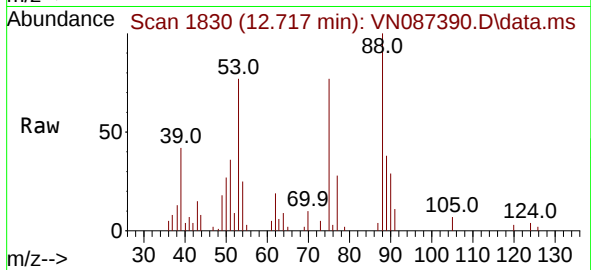




#77
 t-1,4-Dichloro-2-butene
 Concen: 14.729 ug/l
 RT: 12.717 min Scan# 1830
 Delta R.T. -0.018 min
 Lab File: VN087390.D
 Acq: 22 Jul 2025 15:14

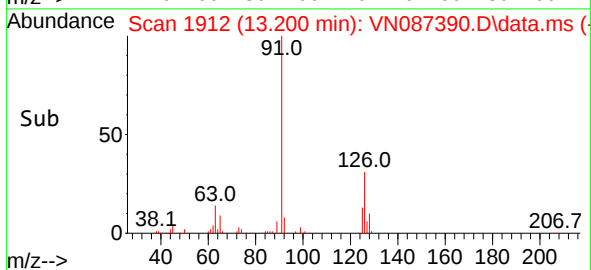
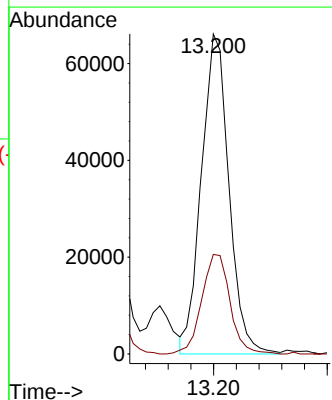
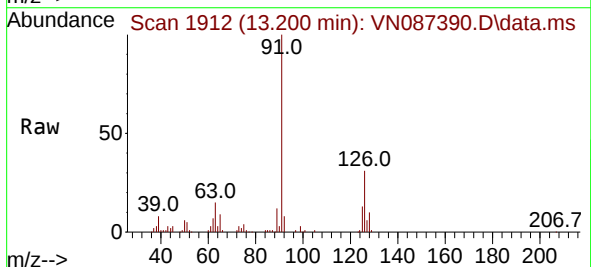
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0722WBS01

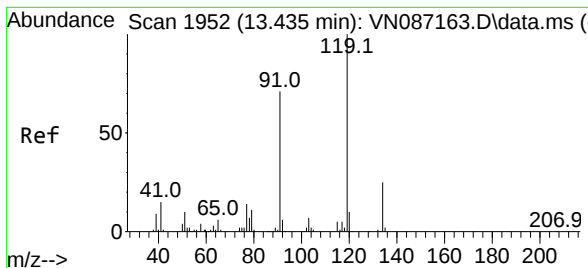
Tgt Ion: 75 Resp: 14429
 Ion Ratio Lower Upper
 75 100
 53 98.0 45.9 137.6
 89 49.9 22.3 66.9



#78
 4-Chlorotoluene
 Concen: 20.698 ug/l
 RT: 13.200 min Scan# 1912
 Delta R.T. -0.018 min
 Lab File: VN087390.D
 Acq: 22 Jul 2025 15:14

Tgt Ion: 91 Resp: 111320
 Ion Ratio Lower Upper
 91 100
 126 31.9 0.0 65.2

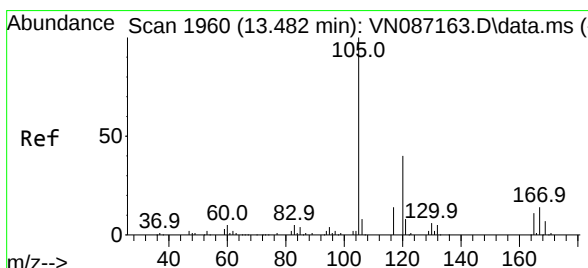
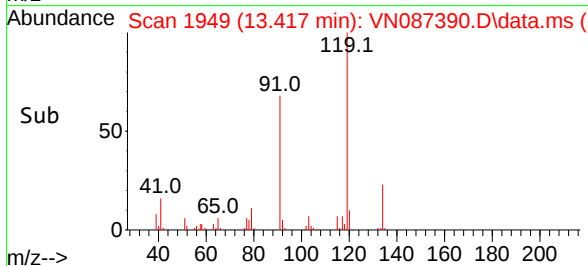
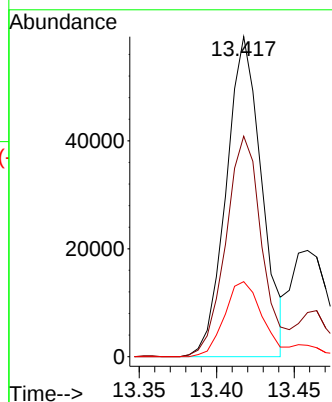
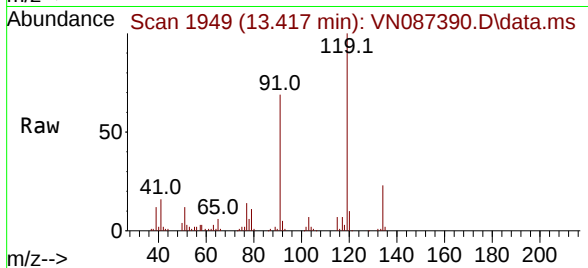




#79
tert-butylbenzene
Concen: 19.429 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. -0.018 min
Lab File: VN087390.D
Acq: 22 Jul 2025 15:14

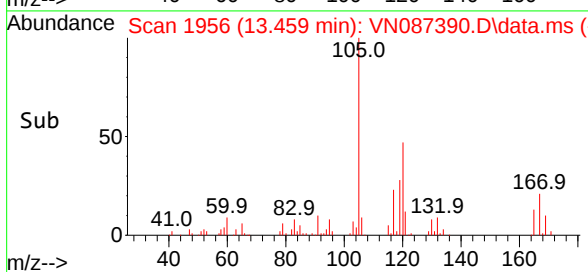
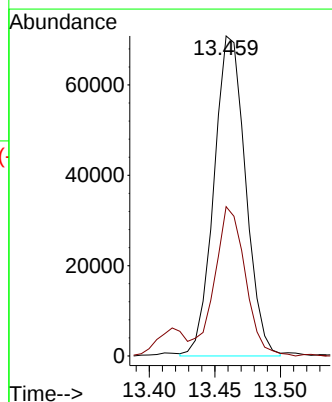
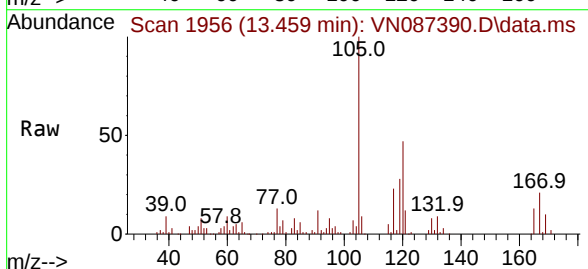
Instrument :
MSVOA_N
ClientSampleId :
VN0722WBS01

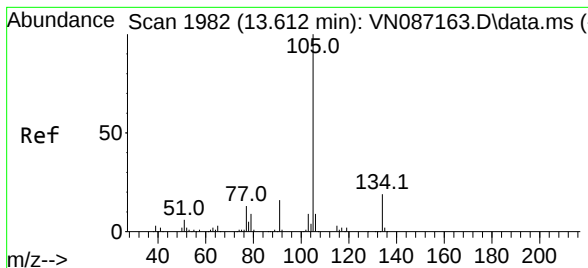
Tgt Ion:119 Resp: 94598
Ion Ratio Lower Upper
119 100
91 70.8 0.0 137.0
134 24.6 0.0 49.4



#80
1,2,4-Trimethylbenzene
Concen: 20.424 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.024 min
Lab File: VN087390.D
Acq: 22 Jul 2025 15:14

Tgt Ion:105 Resp: 118790
Ion Ratio Lower Upper
105 100
120 45.4 0.0 94.0

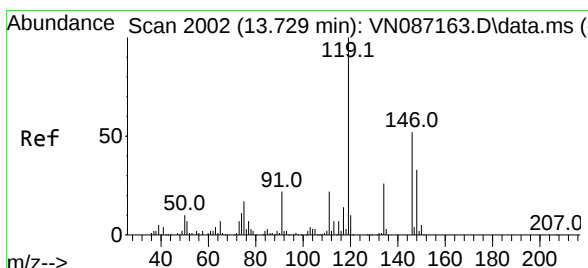
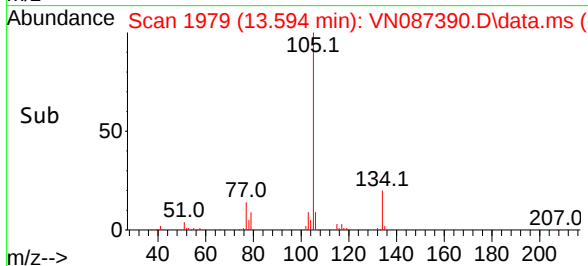
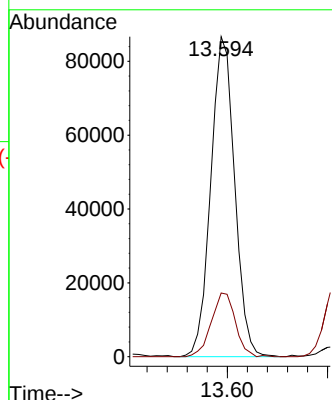
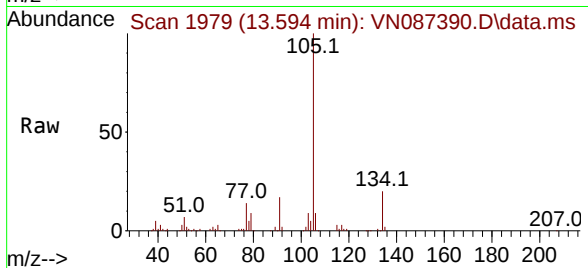




#81
 sec-Butylbenzene
 Concen: 20.224 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.018 min
 Lab File: VN087390.D
 Acq: 22 Jul 2025 15:14

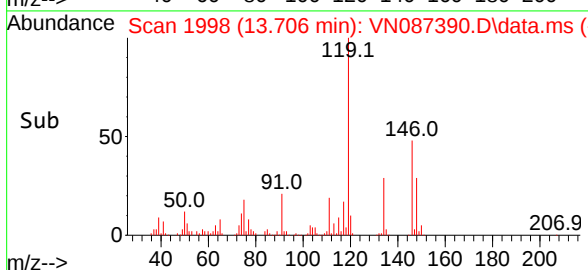
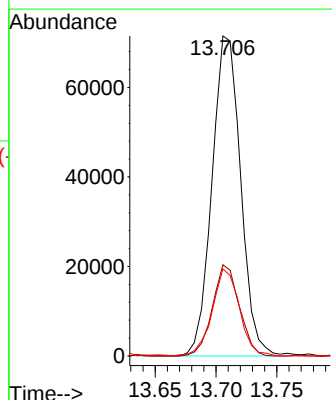
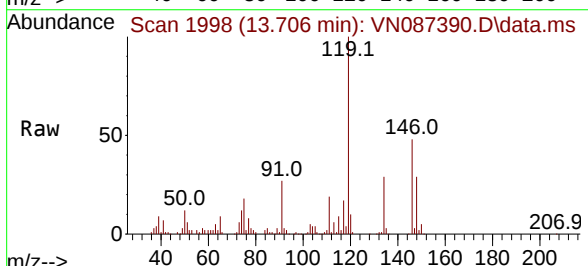
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0722WBS01

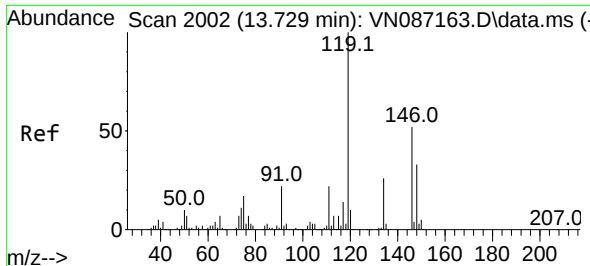
Tgt Ion:105 Resp: 143140
 Ion Ratio Lower Upper
 105 100
 134 19.9 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 19.863 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.024 min
 Lab File: VN087390.D
 Acq: 22 Jul 2025 15:14

Tgt Ion:119 Resp: 116996
 Ion Ratio Lower Upper
 119 100
 134 26.7 0.0 51.2
 91 25.9 0.0 46.4

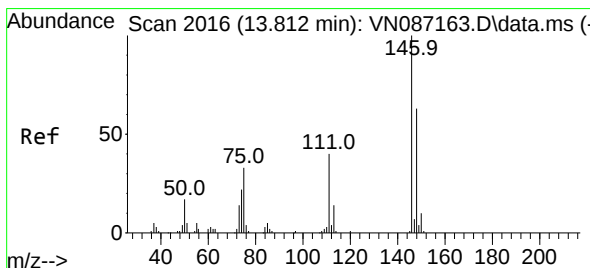
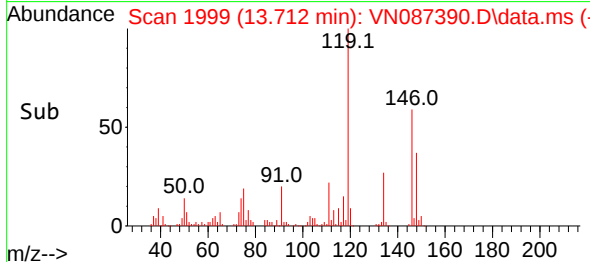
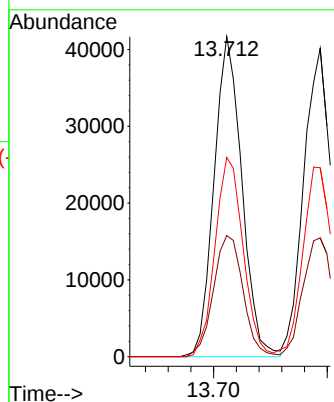
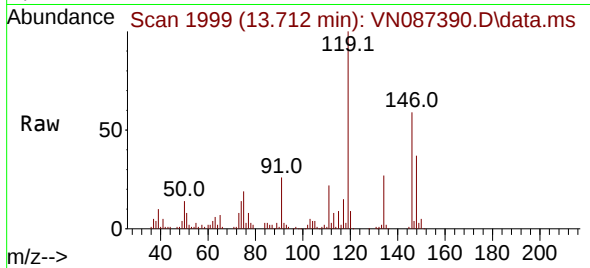




#83
1,3-Dichlorobenzene
Concen: 21.307 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. -0.018 min
Lab File: VN087390.D
Acq: 22 Jul 2025 15:14

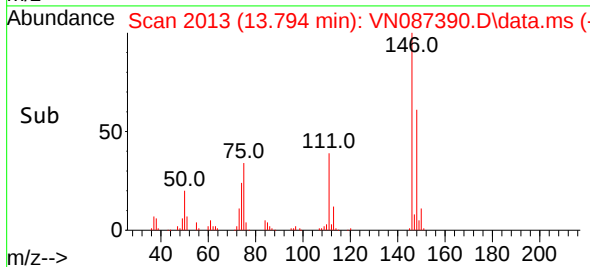
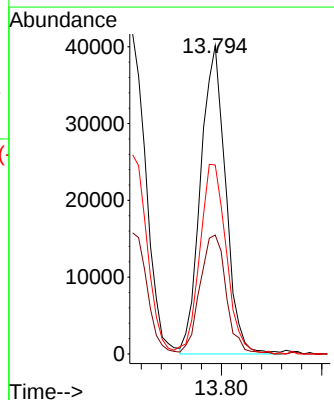
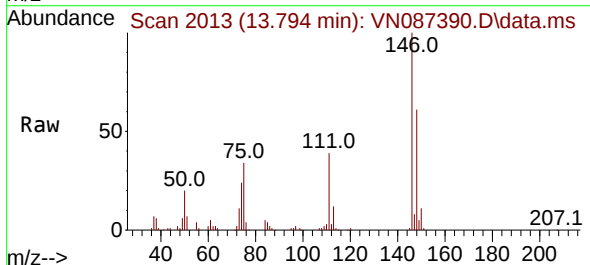
Instrument :
MSVOA_N
ClientSampleId :
VN0722WBS01

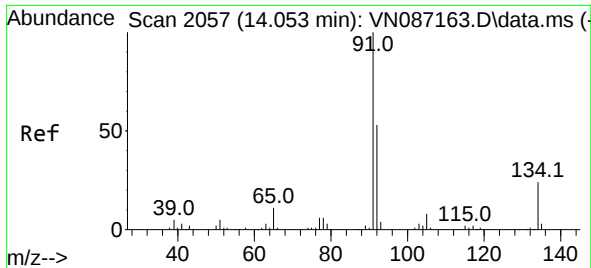
Tgt Ion:146 Resp: 70815
Ion Ratio Lower Upper
146 100
111 40.4 21.1 63.3
148 62.9 31.6 94.8



#84
1,4-Dichlorobenzene
Concen: 20.823 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.018 min
Lab File: VN087390.D
Acq: 22 Jul 2025 15:14

Tgt Ion:146 Resp: 69652
Ion Ratio Lower Upper
146 100
111 40.5 20.1 60.2
148 64.9 31.4 94.2

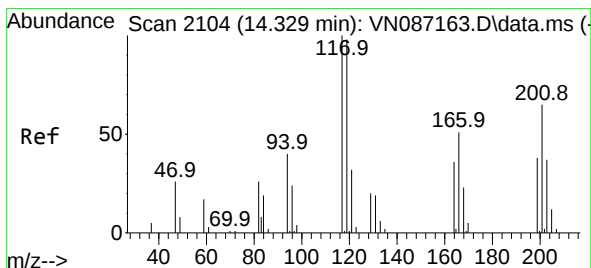
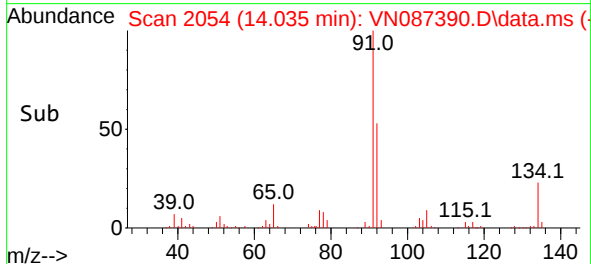
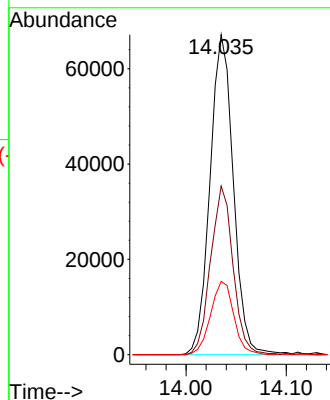
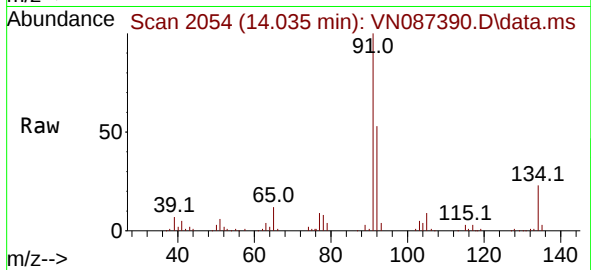




#85
n-Butylbenzene
Concen: 20.192 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. -0.018 min
Lab File: VN087390.D
Acq: 22 Jul 2025 15:14

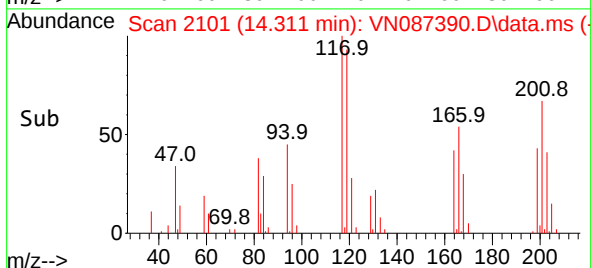
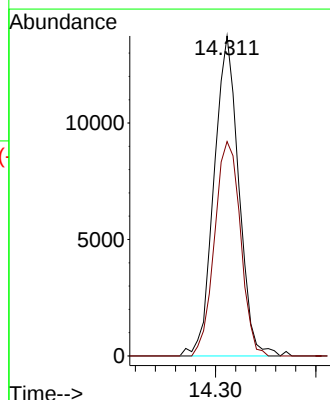
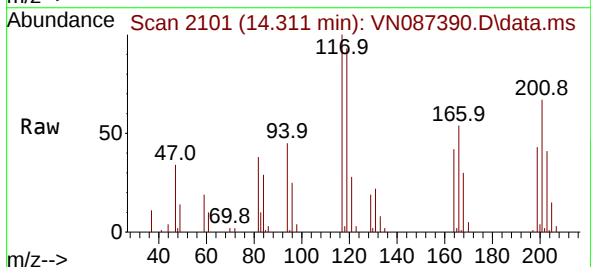
Instrument :
MSVOA_N
ClientSampleId :
VN0722WBS01

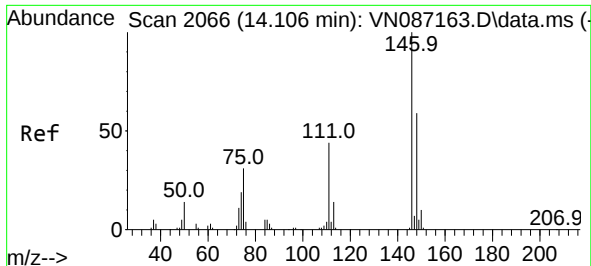
Tgt Ion: 91 Resp: 108513
Ion Ratio Lower Upper
91 100
92 50.7 0.0 106.4
134 22.8 0.0 48.8



#86
Hexachloroethane
Concen: 21.077 ug/l
RT: 14.311 min Scan# 2101
Delta R.T. -0.018 min
Lab File: VN087390.D
Acq: 22 Jul 2025 15:14

Tgt Ion: 117 Resp: 23499
Ion Ratio Lower Upper
117 100
201 70.2 30.8 92.3

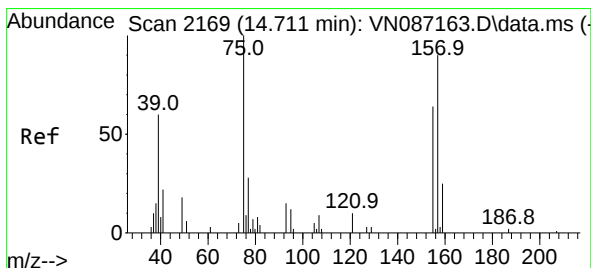
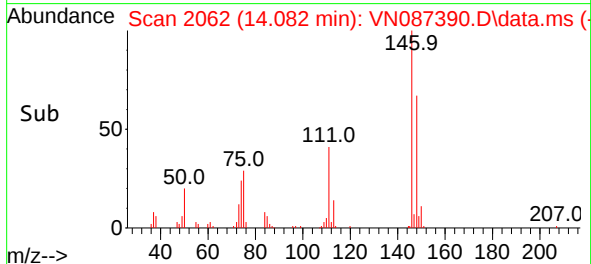
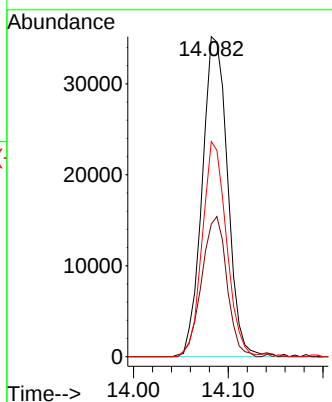
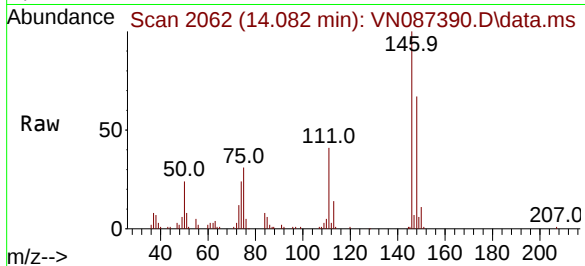




#87
1,2-Dichlorobenzene
Concen: 20.935 ug/l
RT: 14.082 min Scan# 2066
Delta R.T. -0.024 min
Lab File: VN087390.D
Acq: 22 Jul 2025 15:14

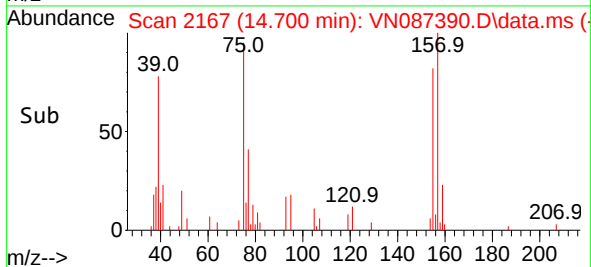
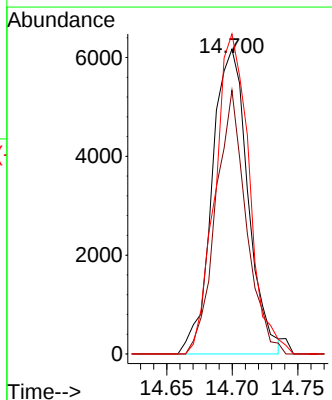
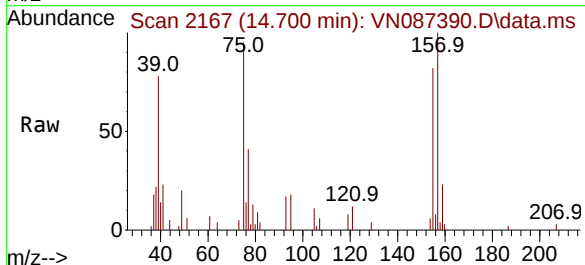
Instrument :
MSVOA_N
ClientSampleId :
VN0722WBS01

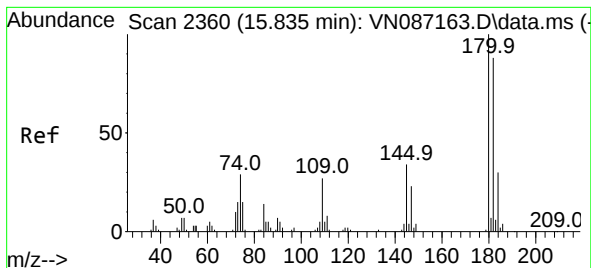
Tgt Ion:146 Resp: 65604
Ion Ratio Lower Upper
146 100
111 43.3 22.1 66.1
148 64.0 31.6 95.0



#88
1,2-Dibromo-3-Chloropropane
Concen: 20.279 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. -0.012 min
Lab File: VN087390.D
Acq: 22 Jul 2025 15:14

Tgt Ion: 75 Resp: 11694
Ion Ratio Lower Upper
75 100
155 73.8 58.3 87.5
157 99.8 79.2 118.8





#89

1,2,4-Trichlorobenzene

Concen: 22.211 ug/l

RT: 15.811 min Scan# 21

Delta R.T. -0.024 min

Lab File: VN087390.D

Acq: 22 Jul 2025 15:14

Instrument :

MSVOA_N

ClientSampleId :

VN0722WBS01

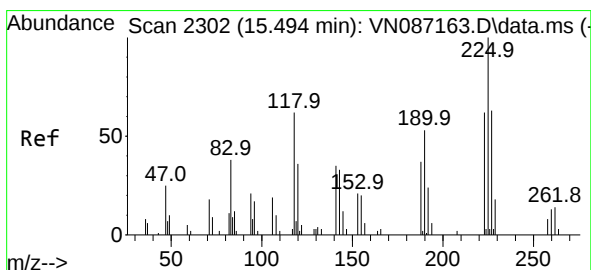
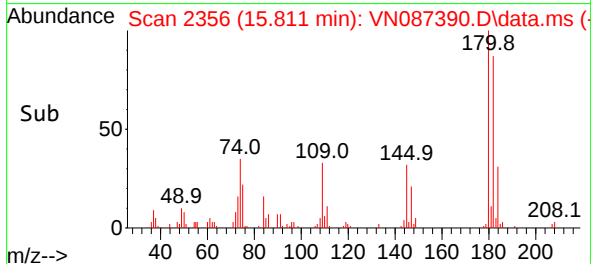
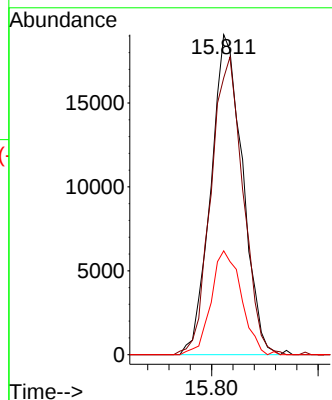
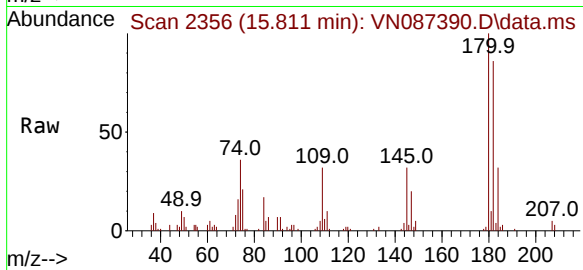
Tgt Ion:180 Resp: 39379

Ion Ratio Lower Upper

180 100

182 94.0 74.2 111.2

145 30.9 27.6 41.4



#90

Hexachlorobutadiene

Concen: 30.982 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. -0.018 min

Lab File: VN087390.D

Acq: 22 Jul 2025 15:14

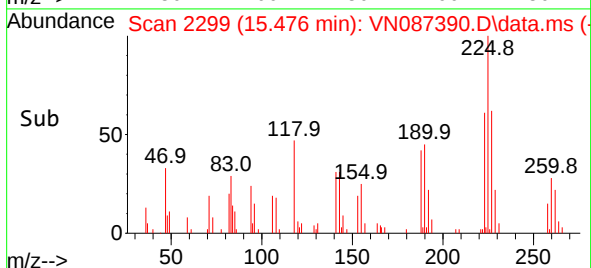
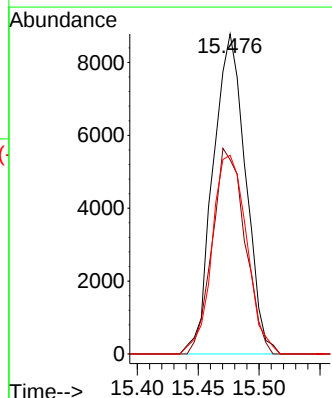
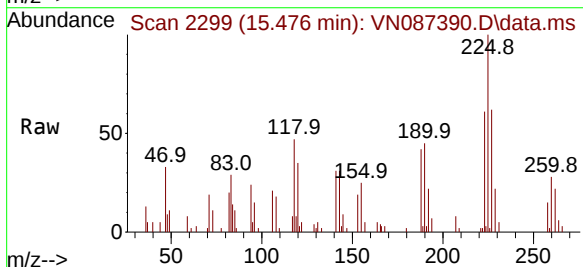
Tgt Ion:225 Resp: 16300

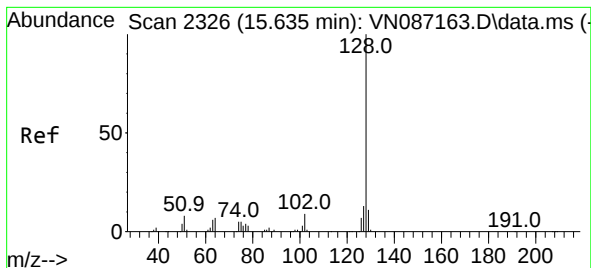
Ion Ratio Lower Upper

225 100

223 64.5 0.0 134.2

227 66.0 0.0 122.6





#91

Naphthalene

Concen: 17.802 ug/l

RT: 15.617 min Scan# 21

Delta R.T. -0.018 min

Lab File: VN087390.D

Acq: 22 Jul 2025 15:14

Instrument :

MSVOA_N

ClientSampleId :

VN0722WBS01

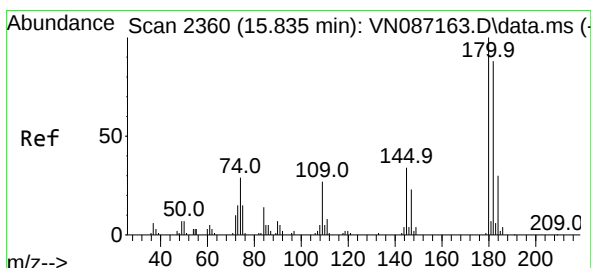
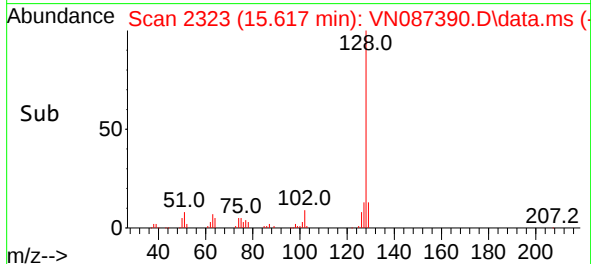
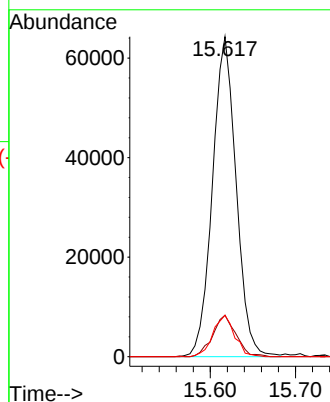
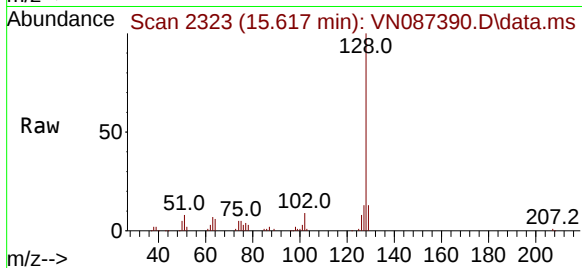
Tgt Ion:128 Resp: 124218

Ion Ratio Lower Upper

128 100

127 12.4 10.6 15.8

129 11.9 8.8 13.2



#92

1,2,3-Trichlorobenzene

Concen: 22.211 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. -0.024 min

Lab File: VN087390.D

Acq: 22 Jul 2025 15:14

Tgt Ion:180 Resp: 39379

Ion Ratio Lower Upper

180 100

182 94.0 0.0 185.4

145 30.9 0.0 69.0

