

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092225\
 Data File : VN087913.D
 Acq On : 22 Sep 2025 10:57
 Operator : JC\MD
 Sample : VN0922WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0922WBS01

Quant Time: Sep 23 04:49:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 05 03:29:53 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.794	128	47211	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.077	114	230333	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	222543	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	112018	27.776	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	92.600%
60) 4-Bromofluorobenzene	12.829	95	105659	29.528	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.433%
63) Toluene-d8	10.547	98	293704	28.379	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	94.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	51518	17.558	ug/l	97
3) Chloromethane	2.383	50	46561	15.116	ug/l	93
4) Vinyl Chloride	2.536	62	49891	14.329	ug/l	99
5) Bromomethane	2.983	94	28391	13.899	ug/l	93
6) Chloroethane	3.142	64	33465	14.062	ug/l #	84
7) Trichlorofluoromethane	3.512	101	80940	15.859	ug/l	93
8) Diethyl Ether	3.959	74	33285	15.444	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.365	101	41722	15.092	ug/l	68
10) 1,1-Dichloroethene	4.342	96	42019	14.743	ug/l	95
11) Methyl Iodide	4.583	142	33696	16.702	ug/l	85
12) Methyl Acetate	5.018	43	86186	19.617	ug/l	99
13) Acrolein	4.171	56	73978	94.571	ug/l #	43
14) Acrylonitrile	5.706	53	168621	89.167	ug/l	99
15) Acetone	4.424	58	50875	86.238	ug/l	71
16) Carbon Disulfide	4.700	76	118255	15.112	ug/l #	90
17) Allyl chloride	5.018	41	73768	15.847	ug/l	98
18) Methylene Chloride	5.265	84	61895	19.172	ug/l #	81
19) trans-1,2-Dichloroethene	5.777	96	54297	18.680	ug/l	96
20) Diisopropyl ether	6.659	45	186611	17.432	ug/l #	89
21) 1,1-Dichloroethane	6.553	63	103295	17.620	ug/l #	95
22) cis-1,2-Dichloroethene	7.465	96	64302	18.225	ug/l	99
23) tert-Butyl Alcohol	5.518	59	58234	87.113	ug/l #	100
24) Methyl tert-Butyl Ether	5.783	73	184854	18.167	ug/l #	81
25) Chloroform	8.241	83	4599	0.749	ug/l	85
26) Cyclohexane	8.241	56	66489	14.893	ug/l #	94
29) 1,1-Dichloropropene	8.353	75	67632	18.067	ug/l	95
30) 2-Butanone	7.465	43	243837	94.559	ug/l	99
31) 2,2-Dichloropropane	7.477	77	97569	21.622	ug/l #	84
32) 1,1,1-Trichloroethane	8.147	97	96916	20.422	ug/l	99
33) Carbon Tetrachloride	8.341	117	81521	20.602	ug/l	98
34) Benzene	8.583	78	230417	19.046	ug/l	99
35) Methacrylonitrile	7.765	41	50228	18.622	ug/l	93
36) 1,2-Dichloroethane	8.653	62	88454	19.356	ug/l	100
37) Trichloroethene	9.335	130	52312	19.343	ug/l	95
38) Methylcyclohexane	9.577	83	66726	16.188	ug/l	96
39) 1,2-Dichloropropane	9.600	63	60893	19.652	ug/l	95
40) Dibromomethane	9.688	93	47952	20.795	ug/l	96
41) Bromodichloromethane	9.871	83	94561	20.063	ug/l #	88
42) Vinyl Acetate	6.589	43	749949	87.043	ug/l	98

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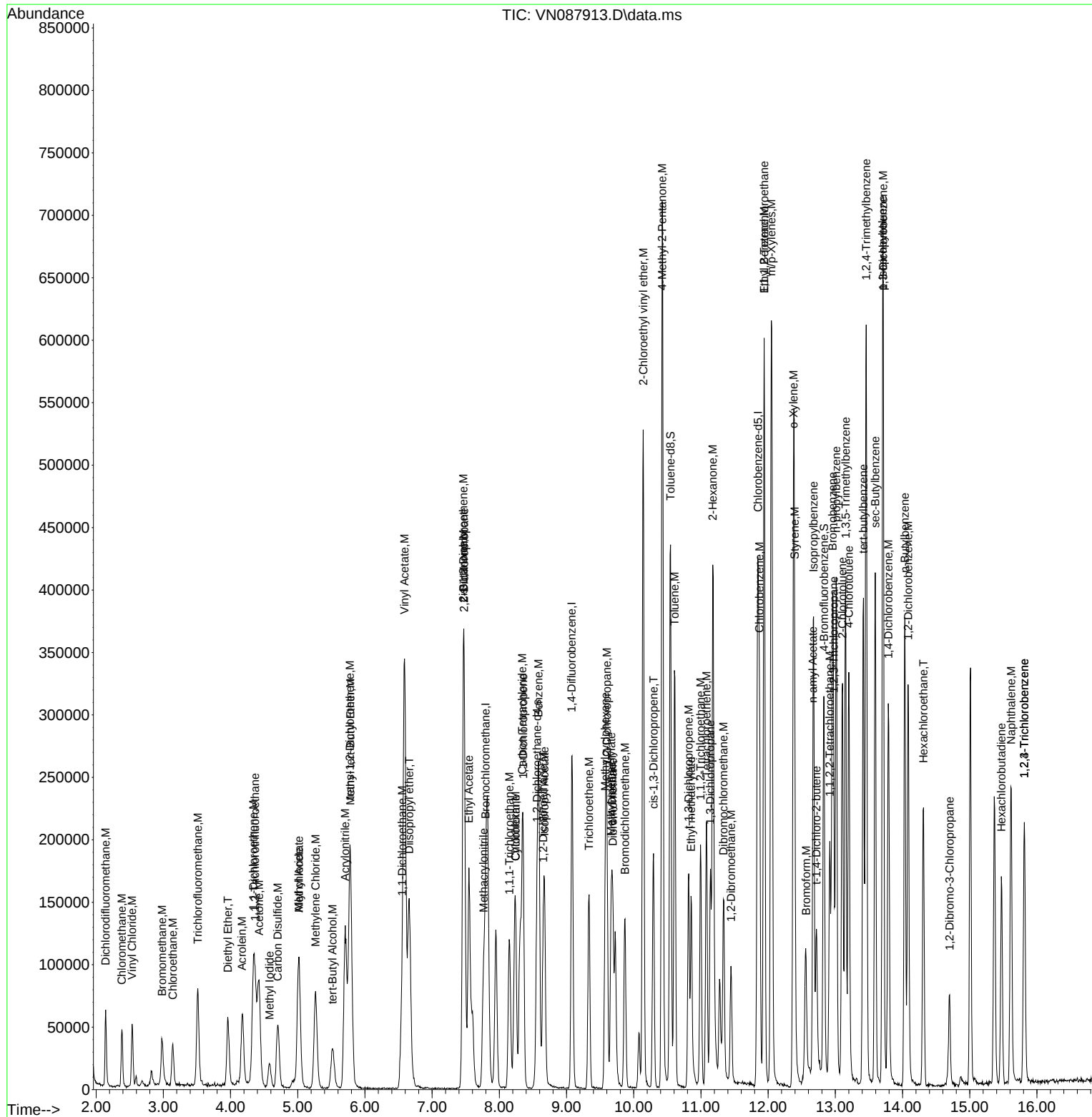
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43) Ethyl Acetate	7.547	43	96123	18.245	ug/l	95
44) Isopropyl Acetate	8.671	43	148503	17.980	ug/l	99
45) 1,4-Dioxane	9.677	88	19715	378.509	ug/l #	92
46) Methyl methacrylate	9.665	41	63823	16.765	ug/l	86
47) n-amyl Acetate	12.665	43	1909	0.342	ug/l #	1
48) t-1,3-Dichloropropene	10.818	75	90740	18.537	ug/l	94
49) cis-1,3-Dichloropropene	10.294	75	99462	19.838	ug/l	90
50) 1,1,2-Trichloroethane	10.994	97	62007	20.819	ug/l	96
51) Ethyl methacrylate	10.853	69	84350	18.198	ug/l	95
52) 1,3-Dichloropropane	11.141	76	103305	19.975	ug/l	98
53) Dibromochloromethane	11.335	129	71016	21.266	ug/l	95
54) 1,2-Dibromoethane	11.447	107	64658	20.864	ug/l	99
55) 2-Chloroethyl vinyl ether	10.141	63	228461	86.026	ug/l	97
56) Bromoform	12.565	173	49625	22.755	ug/l	96
58) 4-Methyl-2-Pentanone	10.424	43	477626	90.769	ug/l	98
59) 2-Hexanone	11.177	43	314525	91.474	ug/l	98
61) Tetrachloroethene	11.082	164	46541	21.005	ug/l	95
62) Toluene	10.606	91	253155	18.806	ug/l	100
64) Chlorobenzene	11.871	112	167272	20.246	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.941	131	59947	20.609	ug/l	98
66) Ethyl Benzene	11.941	91	264265	18.197	ug/l #	88
67) m/p-Xylenes	12.047	106	208192	38.620	ug/l	91
68) o-Xylene	12.376	106	99744	19.083	ug/l	98
69) Styrene	12.394	104	167909	18.483	ug/l	97
70) Isopropylbenzene	12.676	105	246969	18.635	ug/l	95
71) 1,1,2,2-Tetrachloroethane	12.918	83	94358	19.804	ug/l	96
72) 1,2,3-Trichloropropane	12.976	75	122486	26.183	ug/l	53
73) Bromobenzene	12.959	156	70375	21.704	ug/l	85
74) n-propylbenzene	13.012	91	316138	18.906	ug/l	97
75) 2-Chlorotoluene	13.106	91	197148	19.589	ug/l	95
76) 1,3,5-Trimethylbenzene	13.153	105	223396	19.961	ug/l	97
77) t-1,4-Dichloro-2-butene	12.718	75	27358	17.326	ug/l #	78
78) 4-Chlorotoluene	13.200	91	204223	20.128	ug/l	98
79) tert-butylbenzene	13.418	119	182120	19.431	ug/l	97
80) 1,2,4-Trimethylbenzene	13.459	105	224582	19.573	ug/l	98
81) sec-Butylbenzene	13.594	105	274953	19.944	ug/l	97
82) p-Isopropyltoluene	13.706	119	232439	20.463	ug/l	96
83) 1,3-Dichlorobenzene	13.712	146	134692	21.546	ug/l	97
84) 1,4-Dichlorobenzene	13.788	146	134999	21.545	ug/l	98
85) n-Butylbenzene	14.035	91	214243	19.622	ug/l	99
86) Hexachloroethane	14.312	117	50251	21.780	ug/l	97
87) 1,2-Dichlorobenzene	14.082	146	130451	22.126	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	14.700	75	20575	19.460	ug/l	87
89) 1,2,4-Trichlorobenzene	15.812	180	75355	22.472	ug/l	97
90) Hexachlorobutadiene	15.470	225	30765	27.367	ug/l	93
91) Naphthalene	15.617	128	229779	18.613	ug/l	97
92) 1,2,3-Trichlorobenzene	15.812	180	75355	22.472	ug/l	97

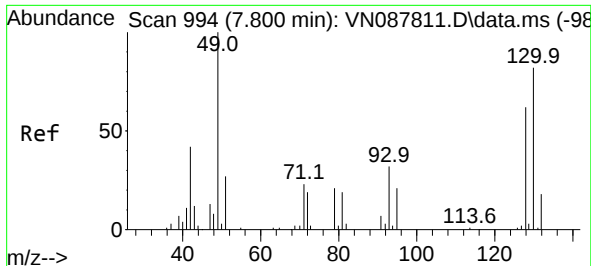
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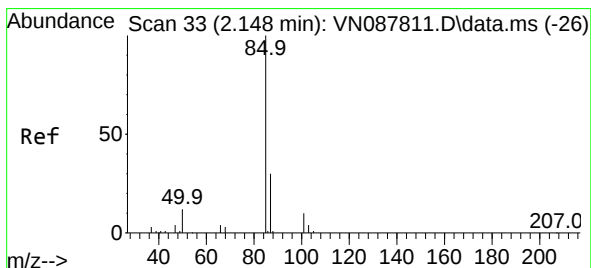
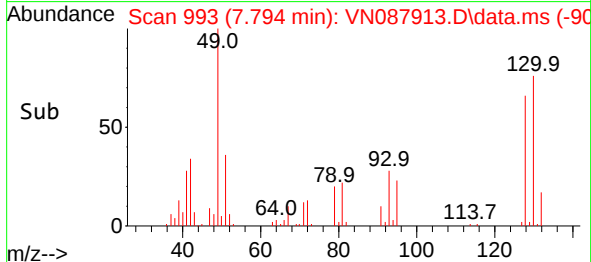
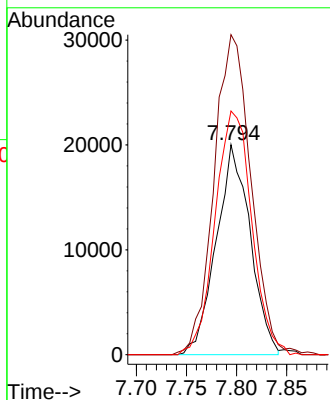
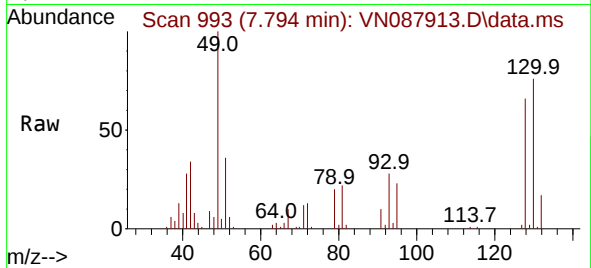




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN087913.D
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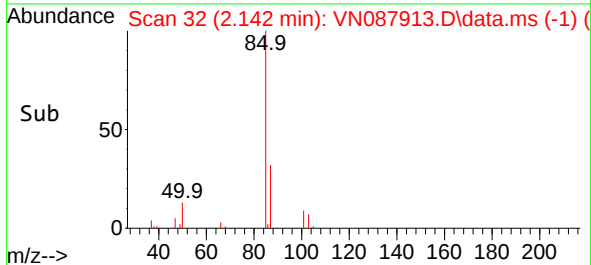
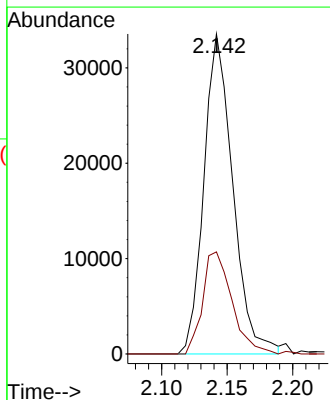
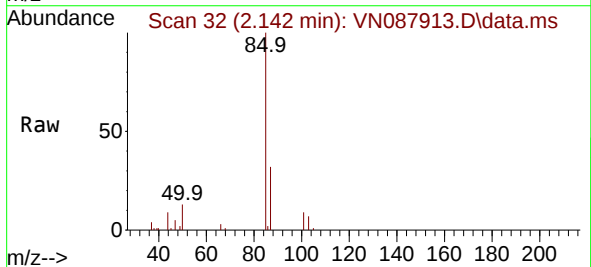
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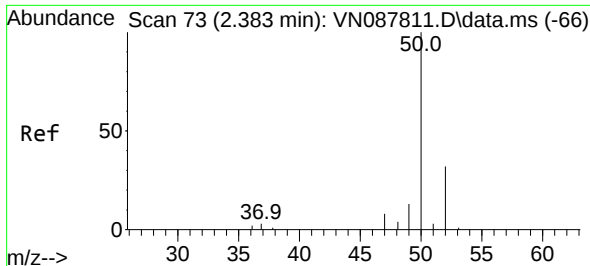
Tgt Ion:128 Resp: 47211
Ion Ratio Lower Upper
128 100
49 165.3 0.0 464.3
130 125.3 0.0 300.5



#2
Dichlorodifluoromethane
Concen: 17.558 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

Tgt Ion: 85 Resp: 51518
Ion Ratio Lower Upper
85 100
87 31.9 16.8 50.4

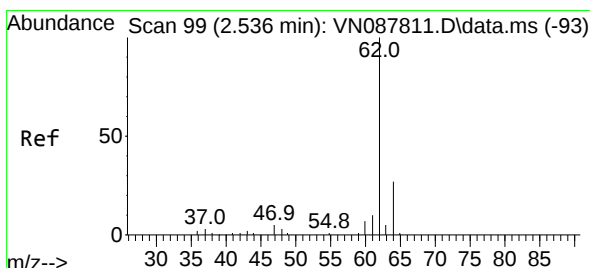
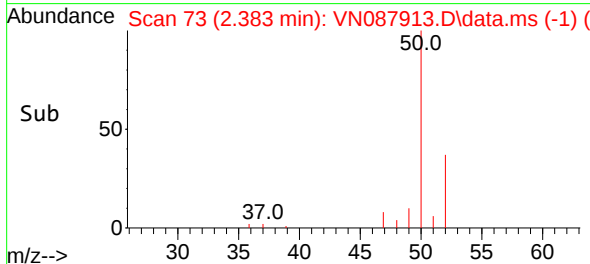
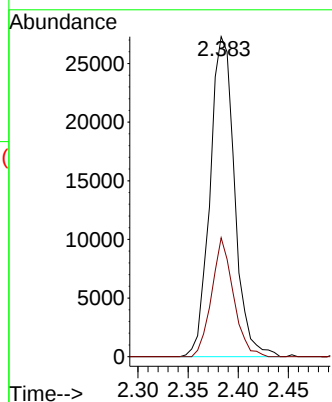
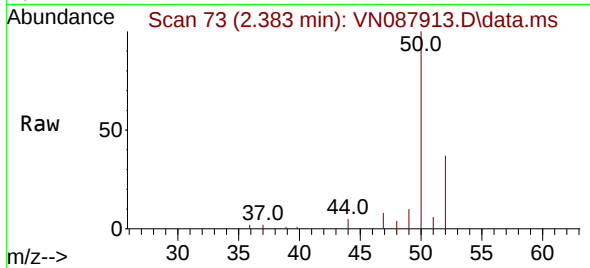




#3
Chloromethane
Concen: 15.116 ug/l
RT: 2.383 min Scan# 73
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

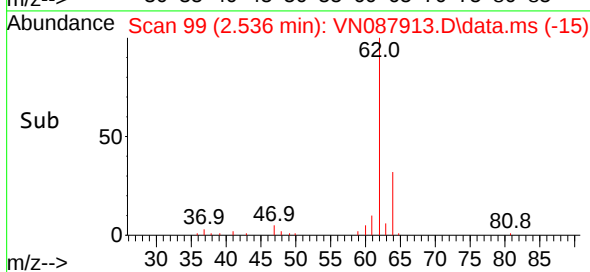
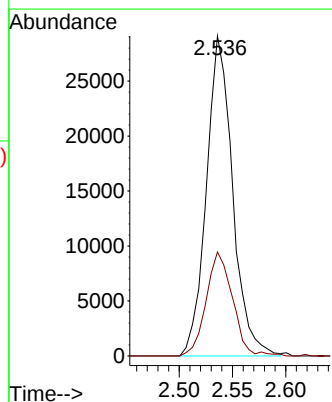
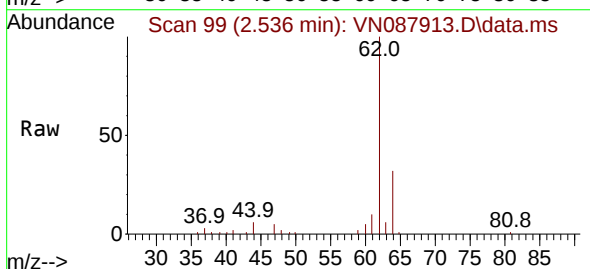
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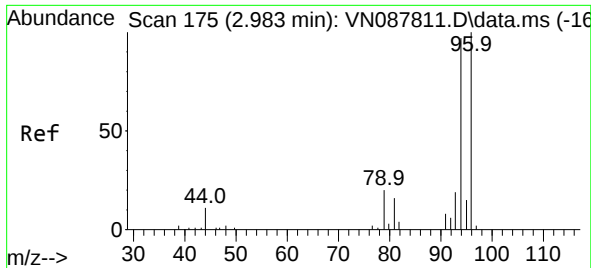
Tgt Ion: 50 Resp: 46561
Ion Ratio Lower Upper
50 100
52 37.2 26.6 40.0



#4
Vinyl Chloride
Concen: 14.329 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

Tgt Ion: 62 Resp: 49891
Ion Ratio Lower Upper
62 100
64 32.5 25.5 38.3

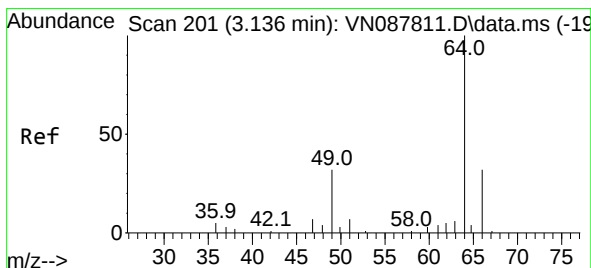
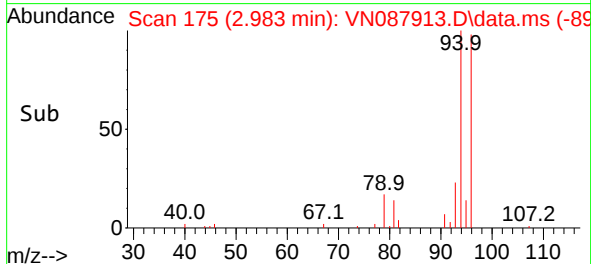
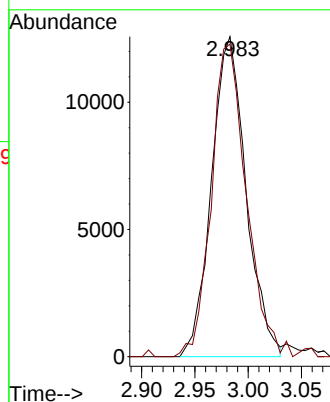
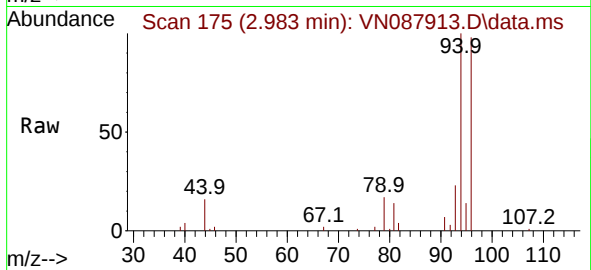




#5
Bromomethane
Concen: 13.899 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

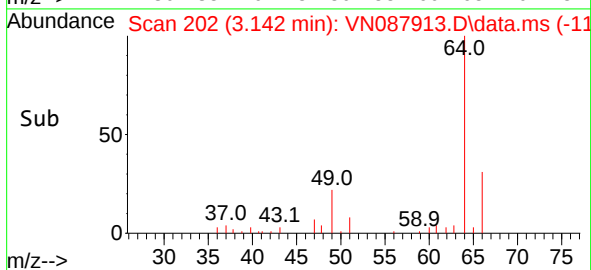
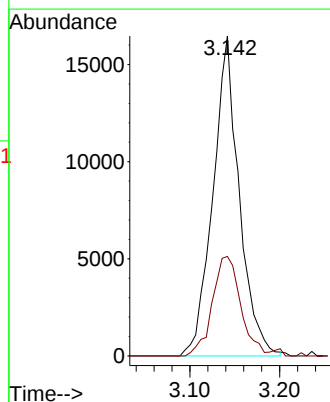
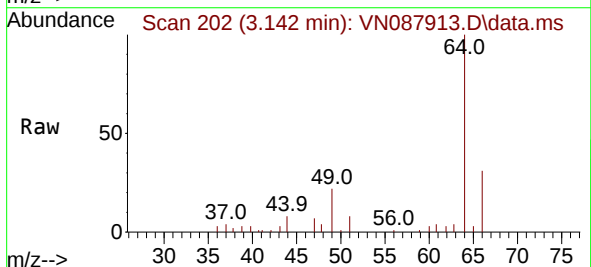
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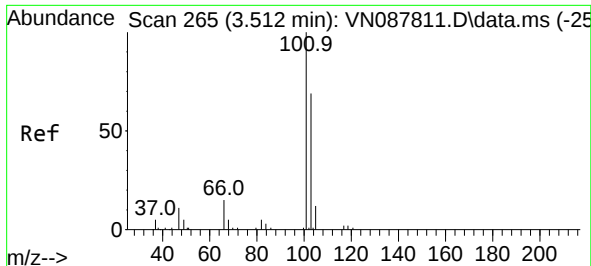
Tgt Ion: 94 Resp: 28391
Ion Ratio Lower Upper
94 100
96 96.5 72.2 108.4



#6
Chloroethane
Concen: 14.062 ug/l
RT: 3.142 min Scan# 202
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

Tgt Ion: 64 Resp: 33465
Ion Ratio Lower Upper
64 100
66 31.1 32.8 49.2#

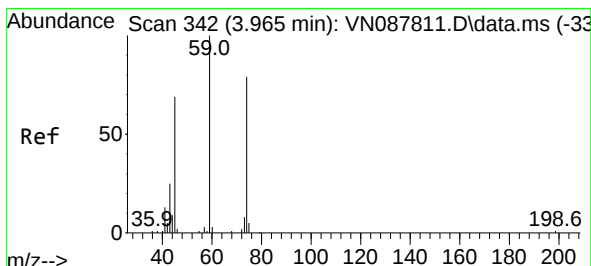
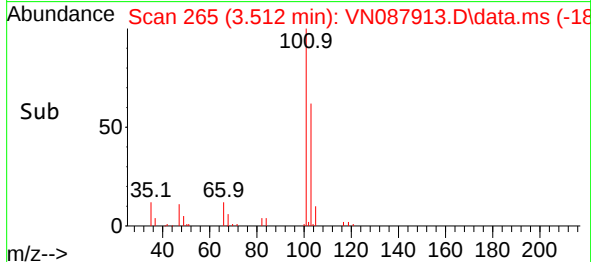
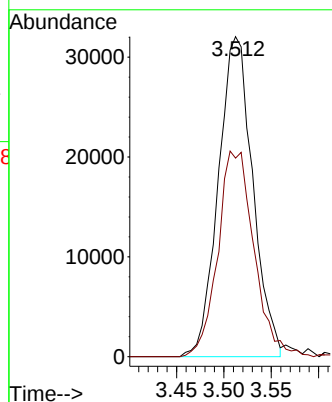
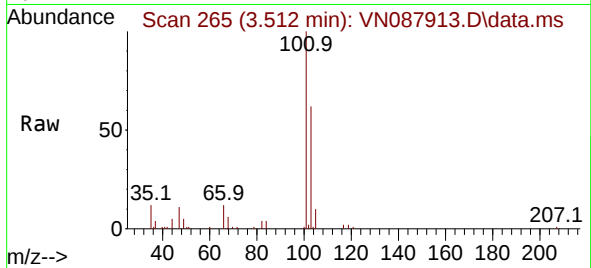




#7
 Trichlorofluoromethane
 Concen: 15.859 ug/l
 RT: 3.512 min Scan# 21
 Delta R.T. -0.000 min
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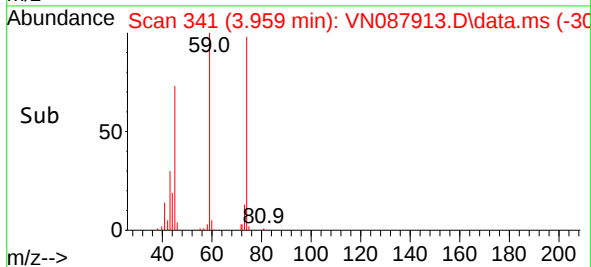
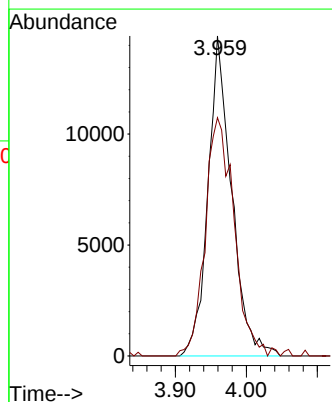
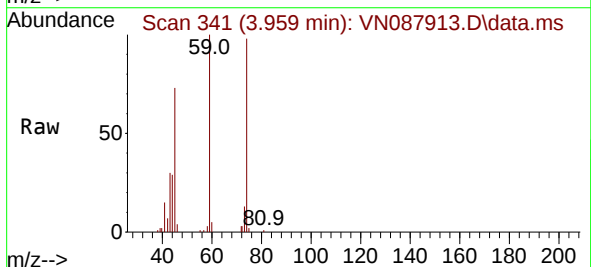
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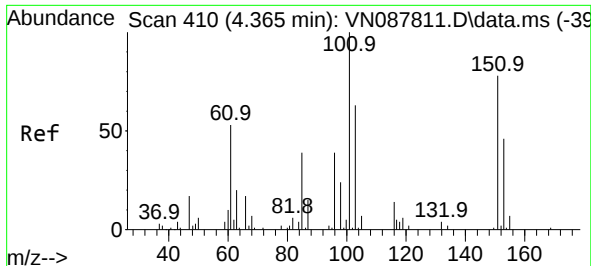
Tgt Ion:101 Resp: 80940
 Ion Ratio Lower Upper
 101 100
 103 62.0 45.7 68.5



#8
 Diethyl Ether
 Concen: 15.444 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN087913.D
 Acq: 22 Sep 2025 10:57

Tgt Ion: 74 Resp: 33285
 Ion Ratio Lower Upper
 74 100
 45 90.4 20.4 183.8

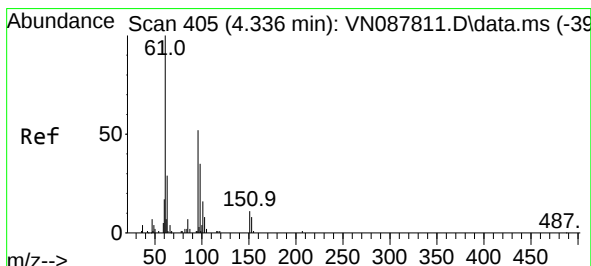
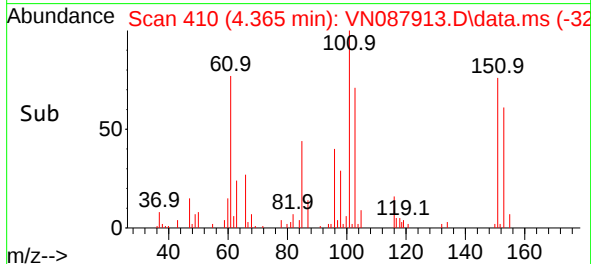
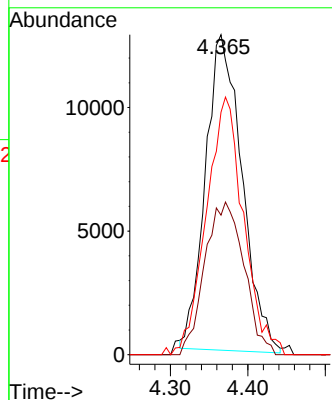
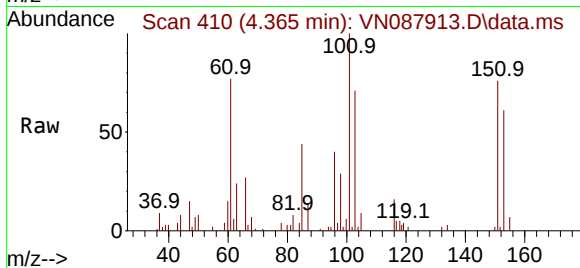




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 15.092 ug/l
 RT: 4.365 min Scan# 410
 Delta R.T. -0.006 min
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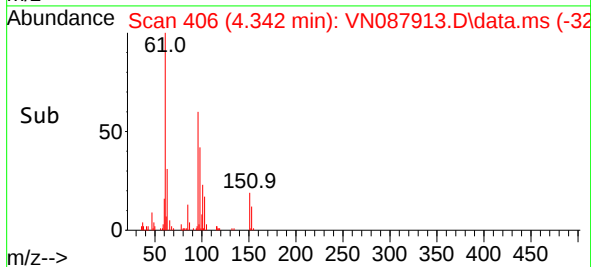
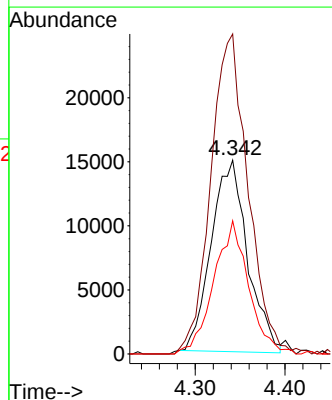
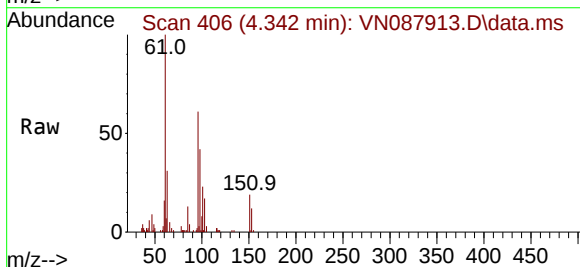
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 ClientSampleId :
 VN0922WBS01

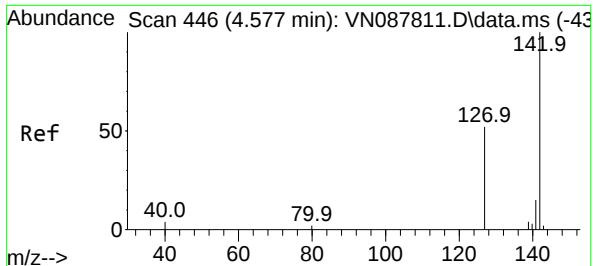
Tgt Ion:101 Resp: 41722
 Ion Ratio Lower Upper
 101 100
 85 52.0 0.0 95.6
 151 82.2 0.0 85.8



#10
 1,1-Dichloroethene
 Concen: 14.743 ug/l
 RT: 4.342 min Scan# 406
 Delta R.T. -0.000 min
 Lab File: VN087913.D
 Acq: 22 Sep 2025 10:57

Tgt Ion: 96 Resp: 42019
 Ion Ratio Lower Upper
 96 100
 61 163.8 135.9 203.9
 98 67.9 59.2 88.8

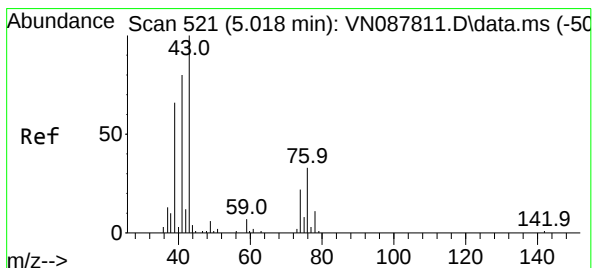
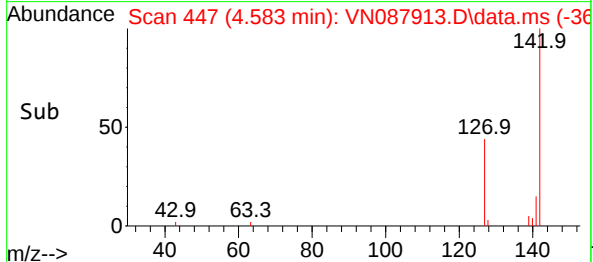
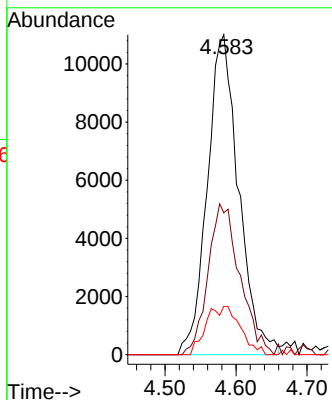
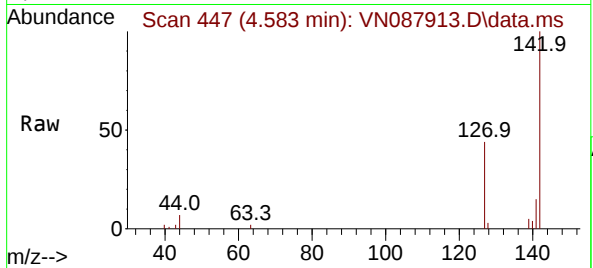




#11
Methyl Iodide
Concen: 16.702 ug/l
RT: 4.583 min Scan# 446
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

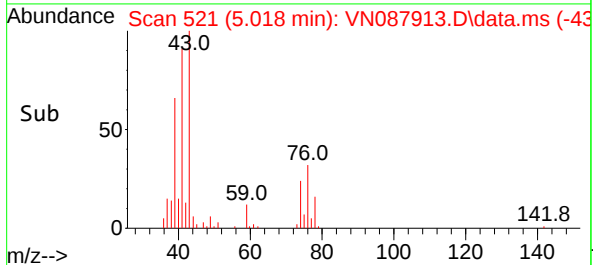
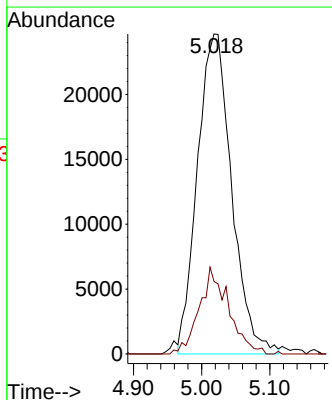
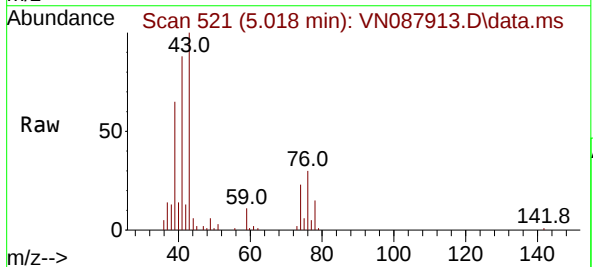
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

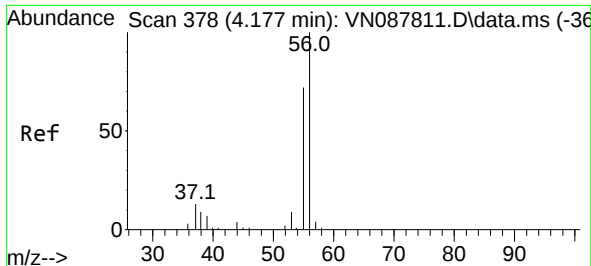
Tgt Ion:142 Resp: 33696
Ion Ratio Lower Upper
142 100
127 43.2 27.9 83.7
141 15.3 9.6 28.8



#12
Methyl Acetate
Concen: 19.617 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

Tgt Ion: 43 Resp: 86186
Ion Ratio Lower Upper
43 100
74 22.3 17.5 26.3

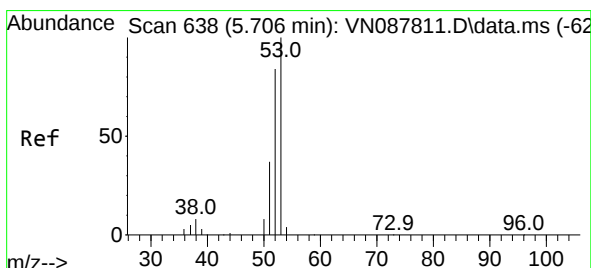
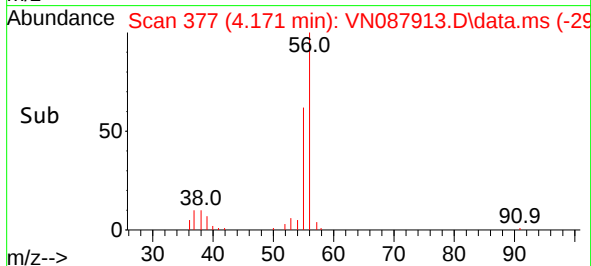
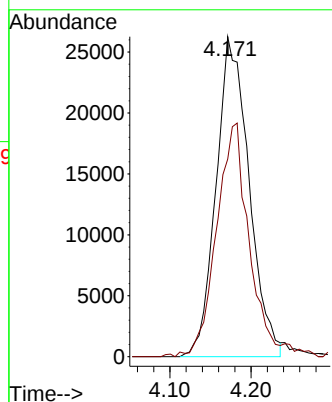
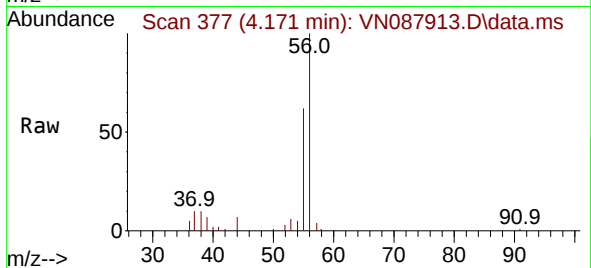




#13
Acrolein
Concen: 94.571 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

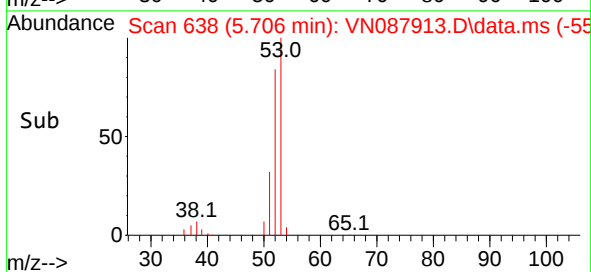
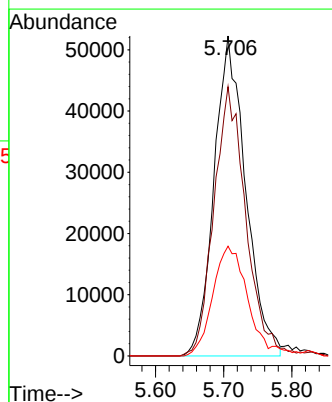
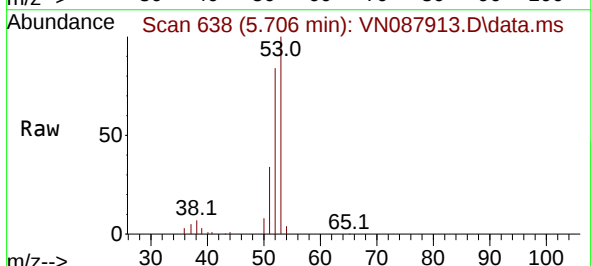
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

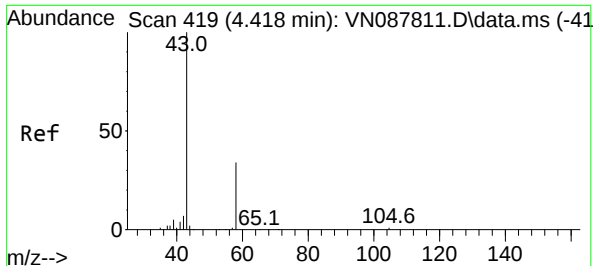
Tgt Ion: 56 Resp: 73978
Ion Ratio Lower Upper
56 100
55 69.3 28.6 42.8#



#14
Acrylonitrile
Concen: 89.167 ug/l
RT: 5.706 min Scan# 638
Delta R.T. -0.012 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

Tgt Ion: 53 Resp: 168621
Ion Ratio Lower Upper
53 100
52 82.5 40.9 122.7
51 36.6 18.1 54.1





#15

Acetone

Concen: 86.238 ug/l

RT: 4.424 min Scan# 419

Delta R.T. -0.006 min

Lab File: VN087913.D

Acq: 22 Sep 2025 10:57

Instrument :

MSVOA_N

ClientSampleId :

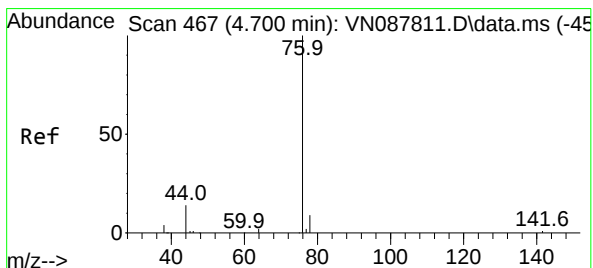
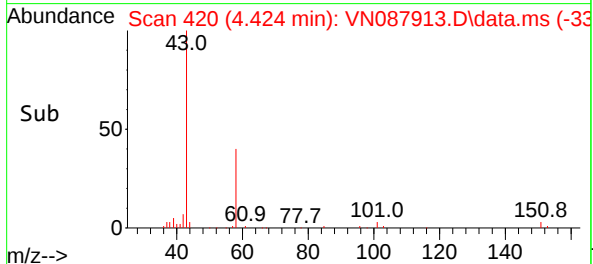
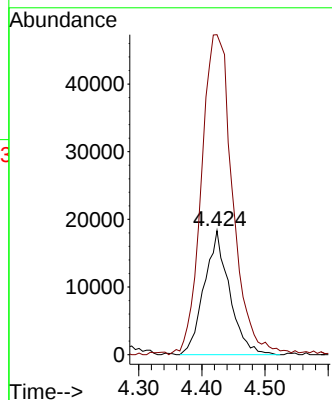
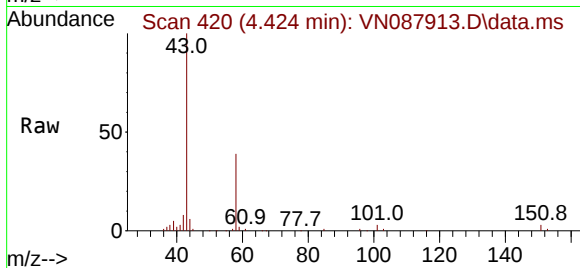
VN0922WBS01

Tgt Ion: 58 Resp: 50875

Ion Ratio Lower Upper

58 100

43 255.1 250.6 376.0



#16

Carbon Disulfide

Concen: 15.112 ug/l

RT: 4.700 min Scan# 467

Delta R.T. -0.006 min

Lab File: VN087913.D

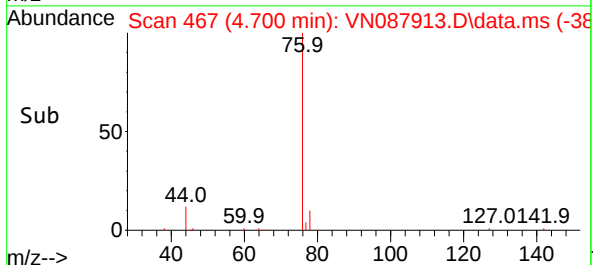
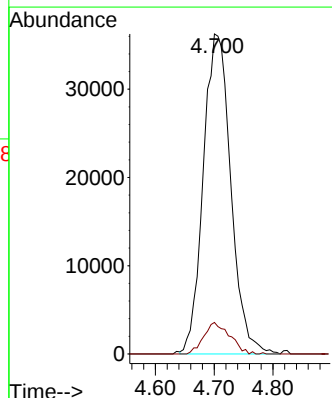
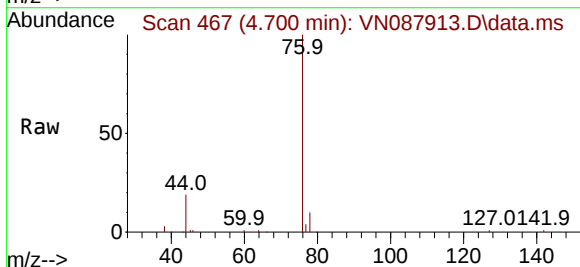
Acq: 22 Sep 2025 10:57

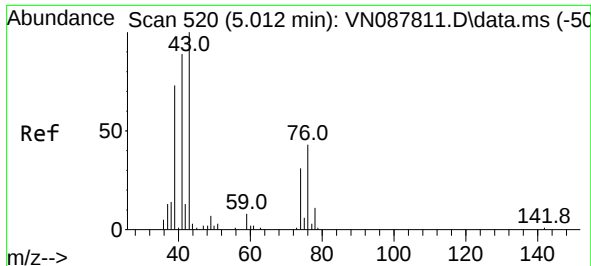
Tgt Ion: 76 Resp: 118255

Ion Ratio Lower Upper

76 100

78 9.9 5.0 7.6#





#17

Allyl chloride

Concen: 15.847 ug/l

RT: 5.018 min Scan# 51

Delta R.T. -0.000 min

Lab File: VN087913.D

Acq: 22 Sep 2025 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBS01

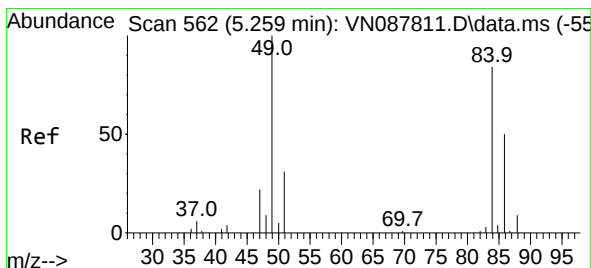
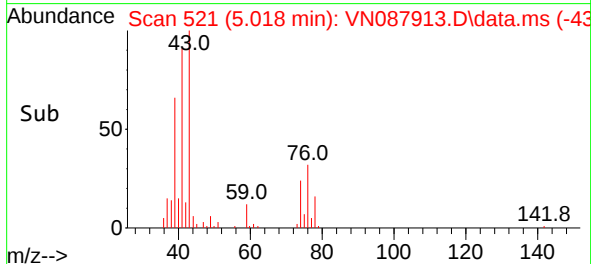
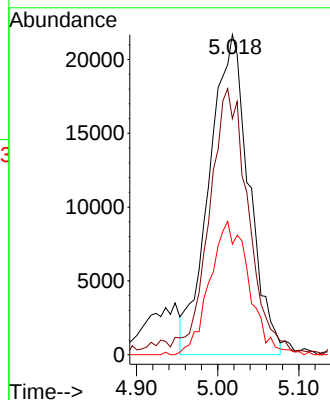
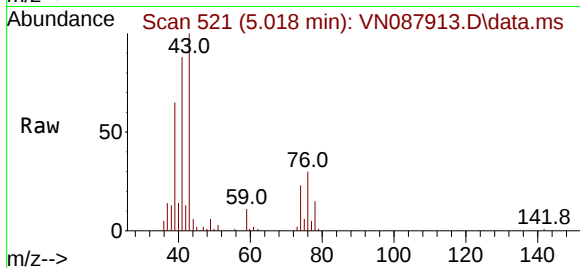
Tgt Ion: 41 Resp: 73768

Ion Ratio Lower Upper

41 100

39 72.1 36.7 110.1

76 35.1 18.3 54.8



#18

Methylene Chloride

Concen: 19.172 ug/l

RT: 5.265 min Scan# 563

Delta R.T. -0.000 min

Lab File: VN087913.D

Acq: 22 Sep 2025 10:57

Tgt Ion: 84 Resp: 61895

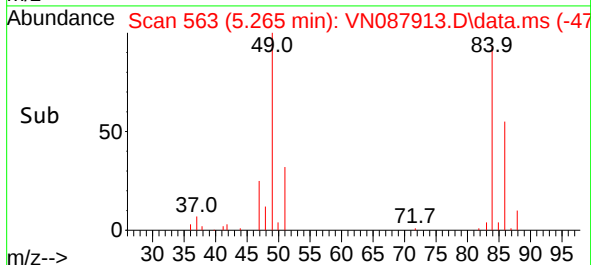
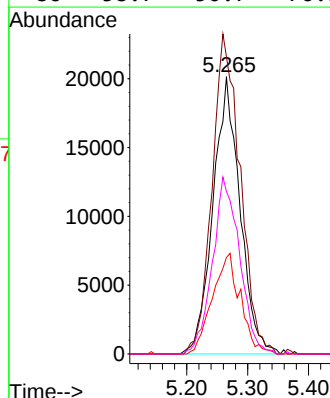
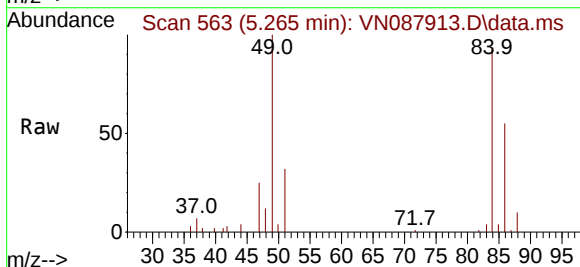
Ion Ratio Lower Upper

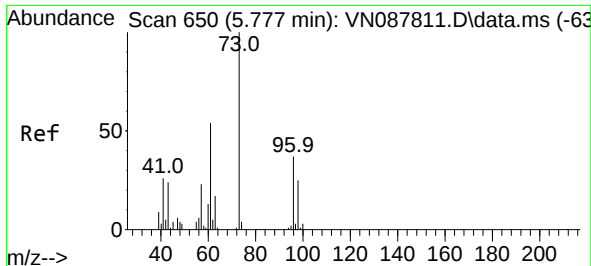
84 100

49 107.2 114.1 171.1#

51 34.8 30.2 45.4

86 58.7 50.7 76.1

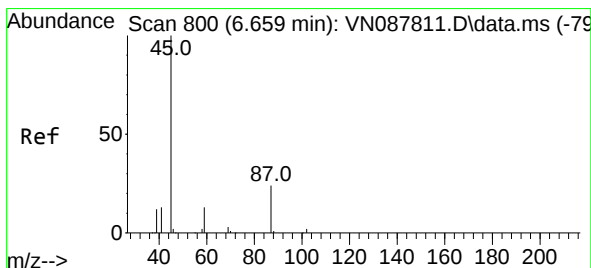
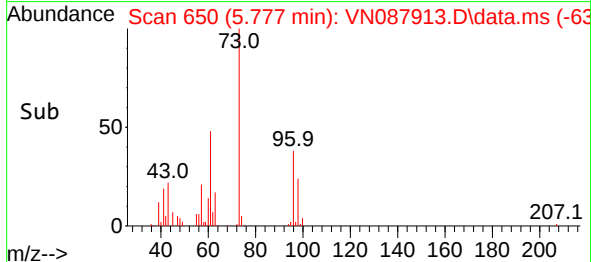
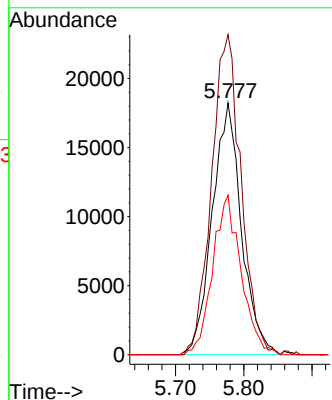
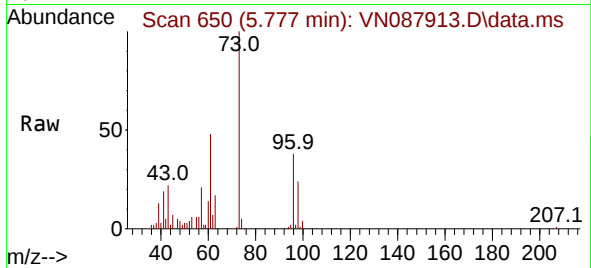




#19
trans-1,2-Dichloroethene
Concen: 18.680 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

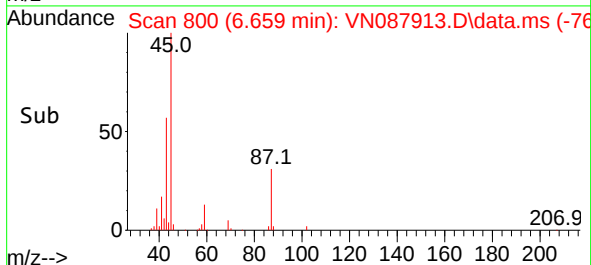
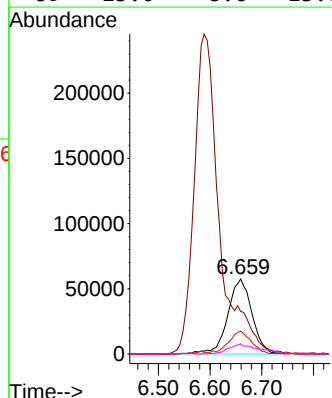
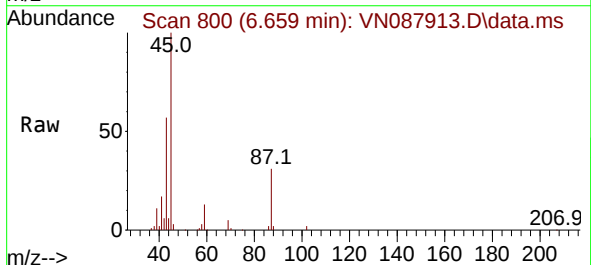
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

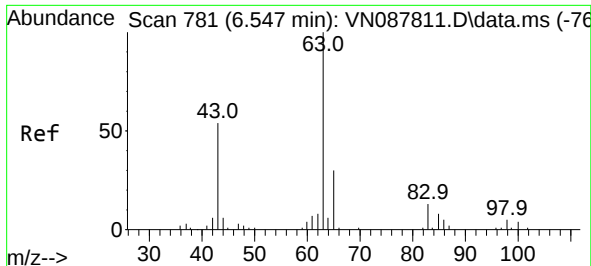
Tgt Ion: 96 Resp: 54297
Ion Ratio Lower Upper
96 100
61 127.2 106.4 159.6
98 63.4 48.9 73.3



#20
Diisopropyl ether
Concen: 17.432 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

Tgt Ion: 45 Resp: 186611
Ion Ratio Lower Upper
45 100
43 53.4 49.5 74.3
87 30.0 18.8 28.2#
59 13.0 8.6 13.0#

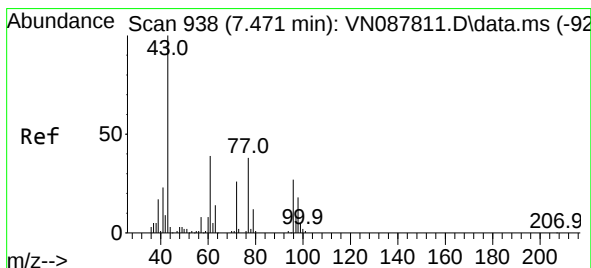
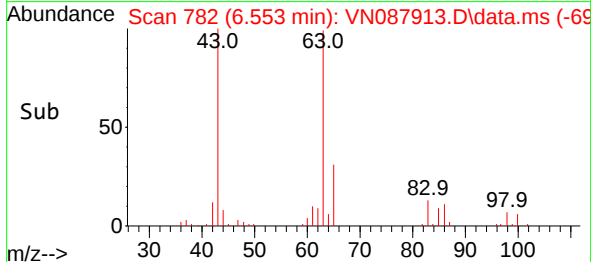
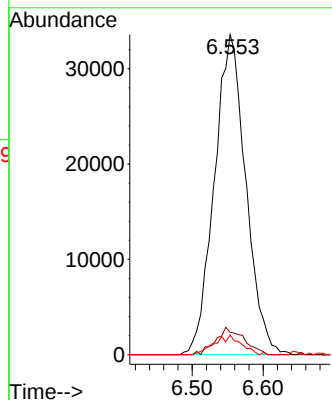
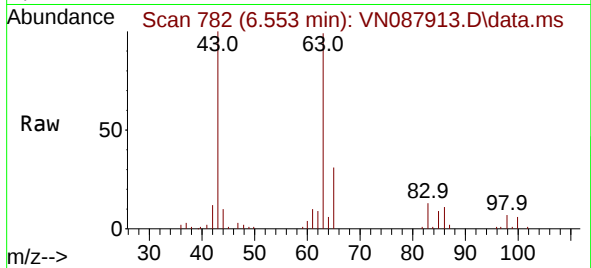




#21
1,1-Dichloroethane
Concen: 17.620 ug/l
RT: 6.553 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

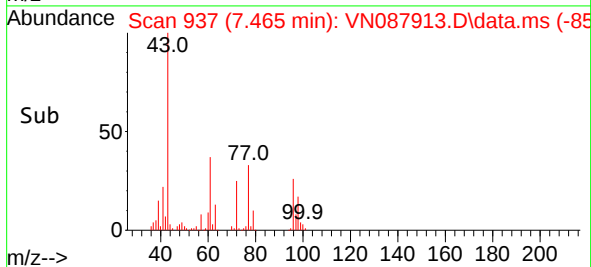
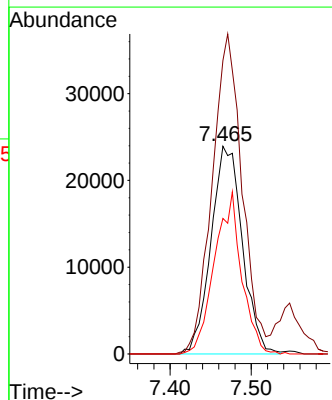
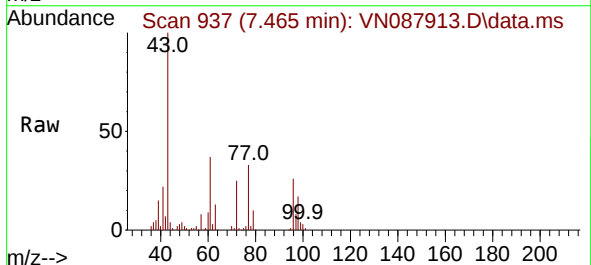
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

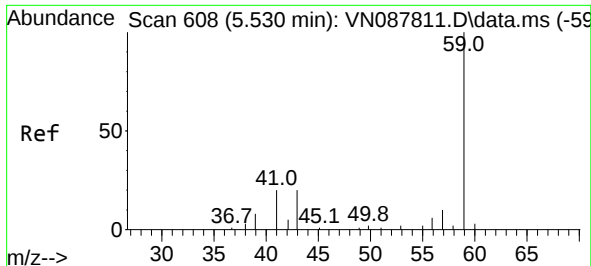
Tgt Ion: 63 Resp: 103295
Ion Ratio Lower Upper
63 100
98 7.0 2.9 8.8
100 6.2 1.8 5.3#



#22
cis-1,2-Dichloroethene
Concen: 18.225 ug/l
RT: 7.465 min Scan# 937
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

Tgt Ion: 96 Resp: 64302
Ion Ratio Lower Upper
96 100
61 147.0 118.2 177.2
98 67.1 51.6 77.4

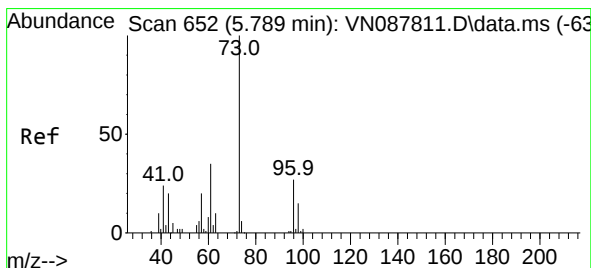
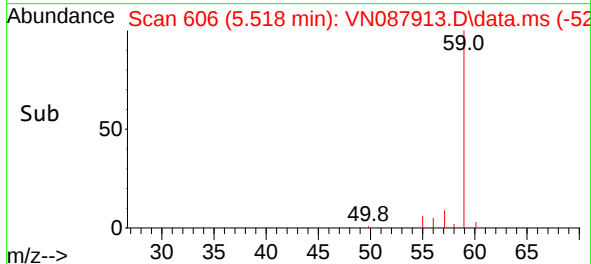
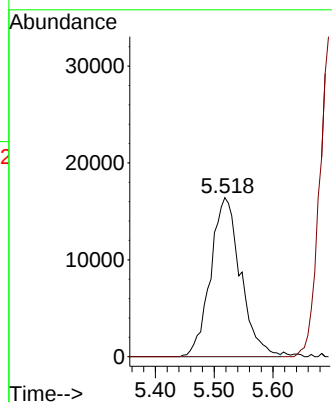
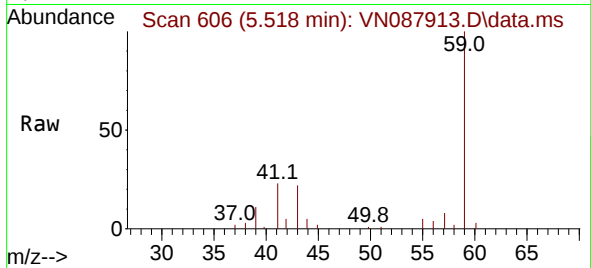




#23
tert-Butyl Alcohol
Concen: 87.113 ug/l
RT: 5.518 min Scan# 608
Delta R.T. -0.012 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

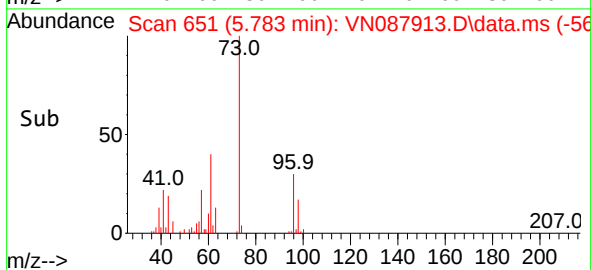
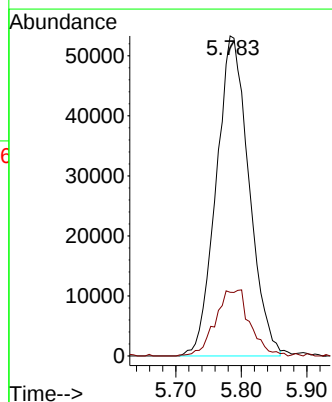
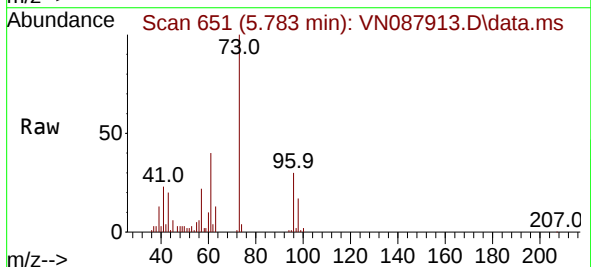
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

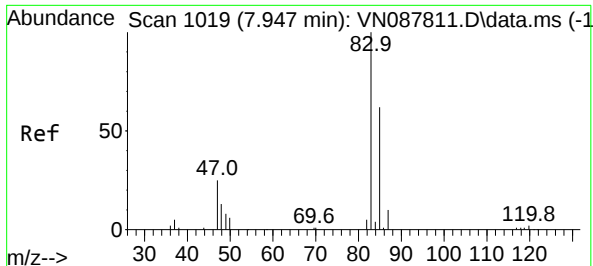
Tgt Ion: 59 Resp: 58234
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 18.167 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

Tgt Ion: 73 Resp: 184854
Ion Ratio Lower Upper
73 100
43 12.0 16.8 25.2#





#25

Chloroform

Concen: 0.749 ug/l

RT: 8.241 min Scan# 1069

Delta R.T. 0.288 min

Lab File: VN087913.D

Acq: 22 Sep 2025 10:57

Instrument :

MSVOA_N

ClientSampleId :

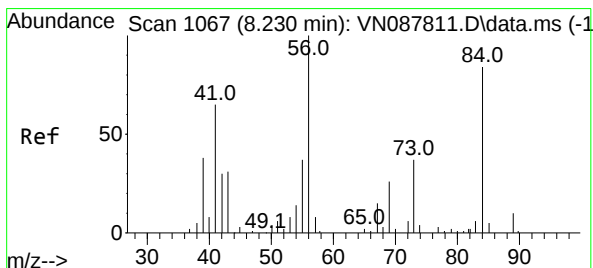
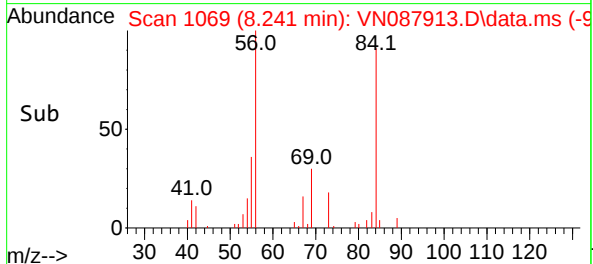
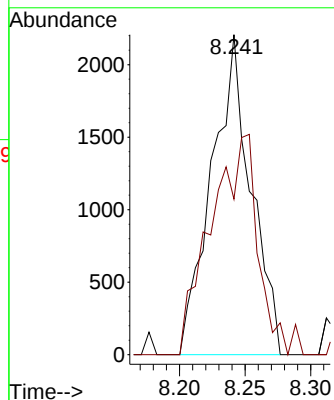
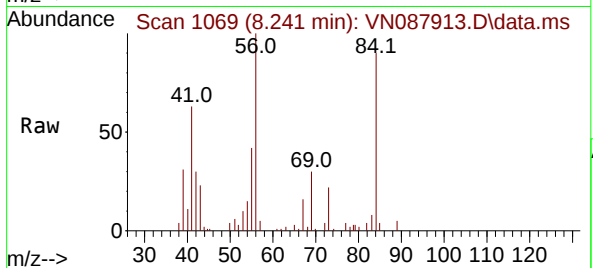
VN0922WBS01

Tgt Ion: 83 Resp: 4599

Ion Ratio Lower Upper

83 100

85 48.6 47.7 71.5



#26

Cyclohexane

Concen: 14.893 ug/l

RT: 8.241 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VN087913.D

Acq: 22 Sep 2025 10:57

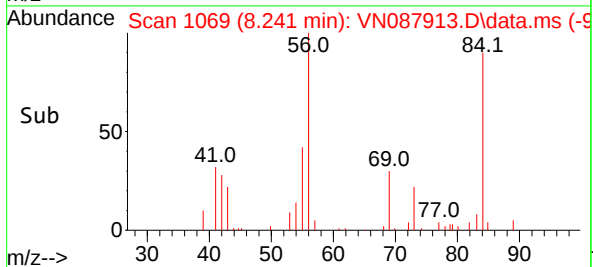
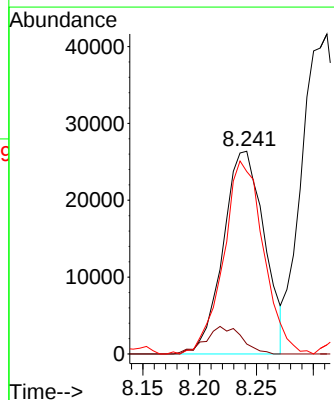
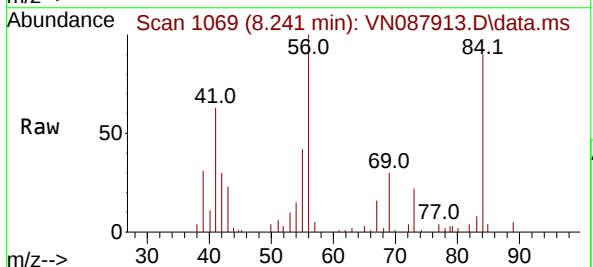
Tgt Ion: 56 Resp: 66489

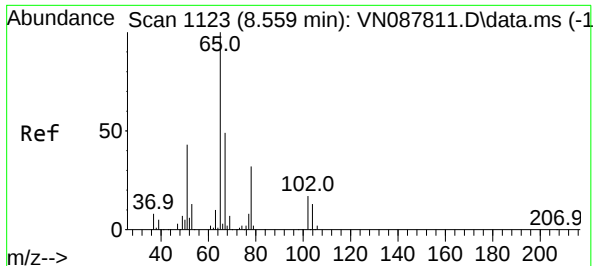
Ion Ratio Lower Upper

56 100

89 12.1 0.0 0.0#

84 92.3 69.4 104.2

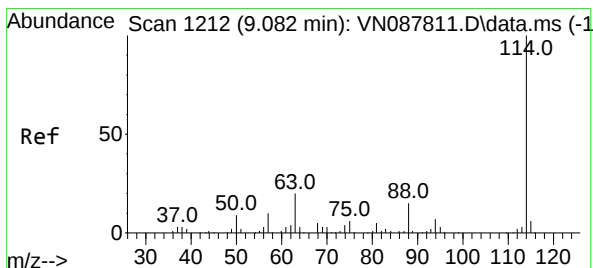
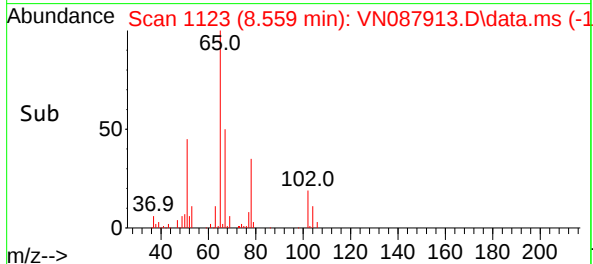
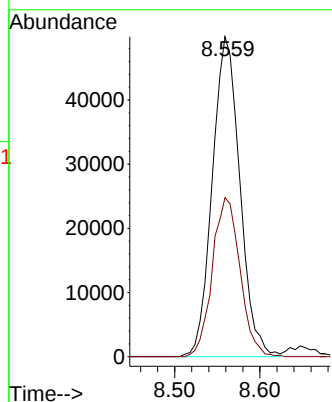
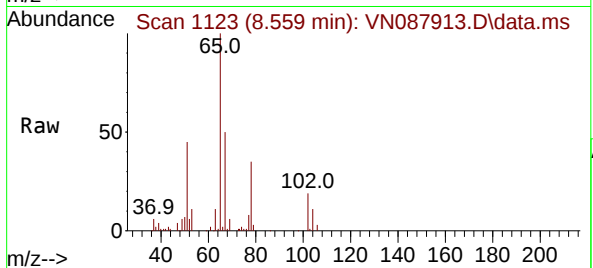




#27
1,2-Dichloroethane-d4
Concen: 27.776 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

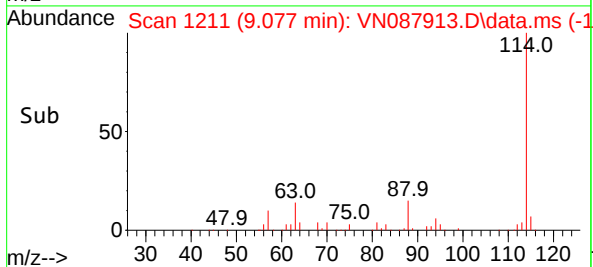
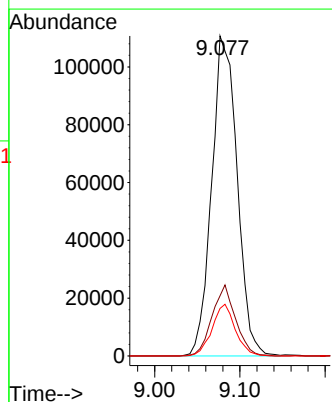
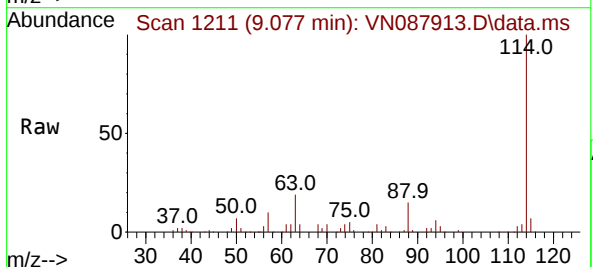
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

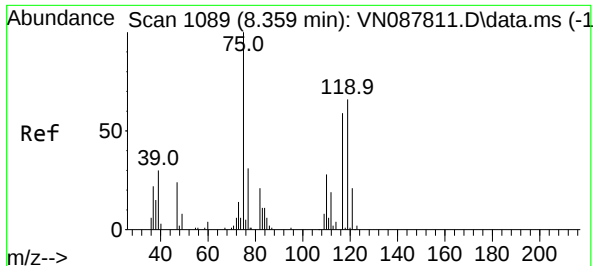
Tgt Ion: 65 Resp: 112018
Ion Ratio Lower Upper
65 100
67 49.8 39.6 59.4



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.077 min Scan# 1211
Delta R.T. -0.006 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

Tgt Ion: 114 Resp: 230333
Ion Ratio Lower Upper
114 100
63 20.5 18.3 27.5
88 14.7 12.4 18.6

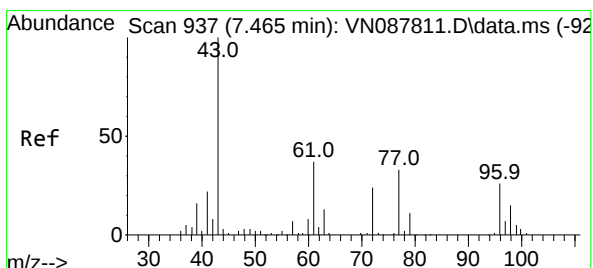
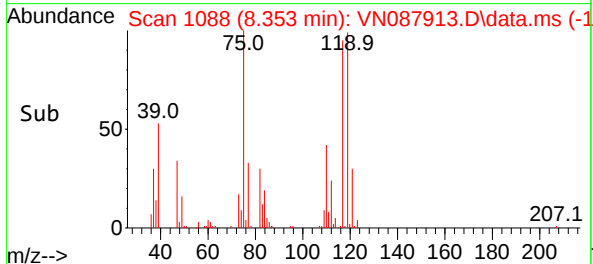
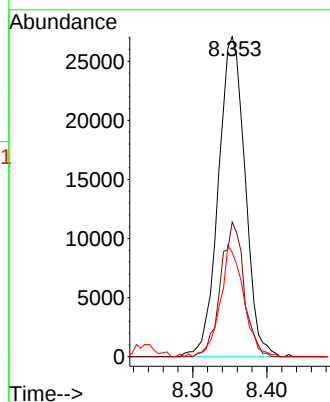
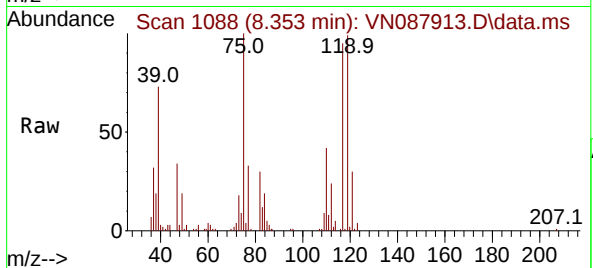




#29
1,1-Dichloropropene
Concen: 18.067 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

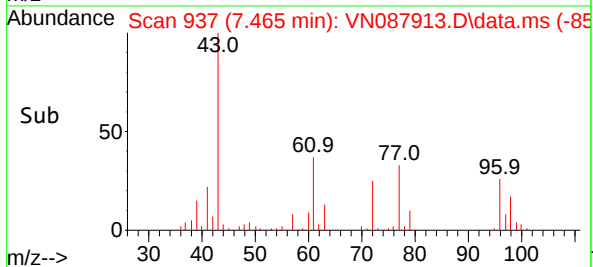
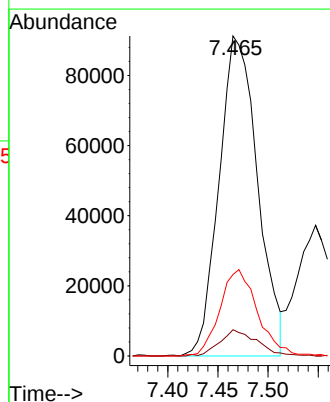
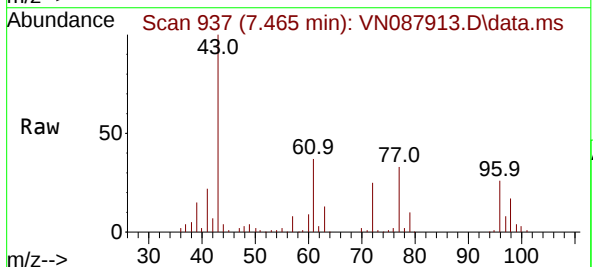
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

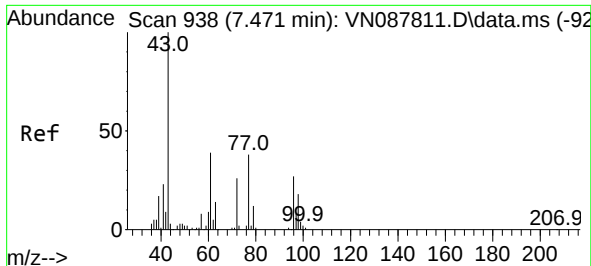
Tgt Ion: 75 Resp: 67632
Ion Ratio Lower Upper
75 100
110 36.8 0.0 64.4
77 30.4 0.0 62.2



#30
2-Butanone
Concen: 94.559 ug/l
RT: 7.465 min Scan# 937
Delta R.T. -0.006 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

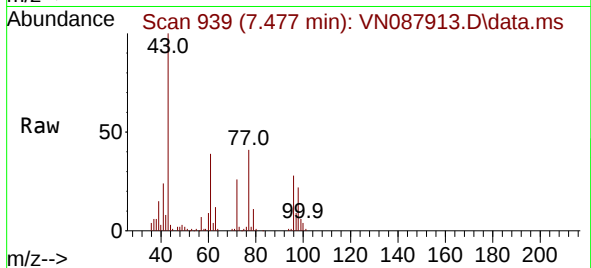
Tgt Ion: 43 Resp: 243837
Ion Ratio Lower Upper
43 100
57 7.8 6.3 9.5
72 26.3 21.4 32.2



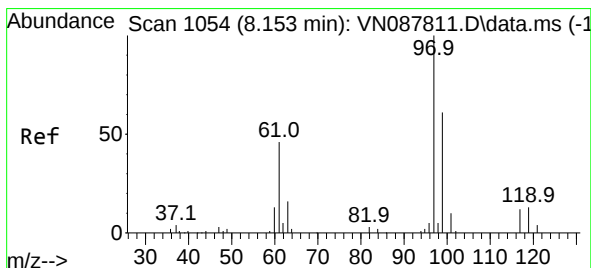
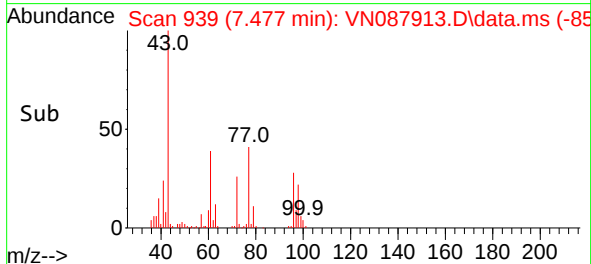
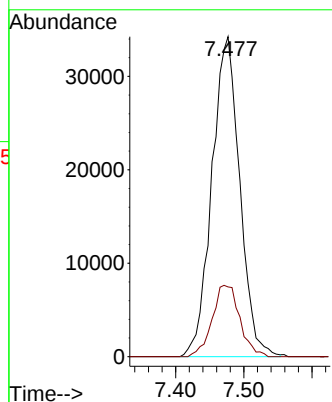


#31
2,2-Dichloropropane
Concen: 21.622 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

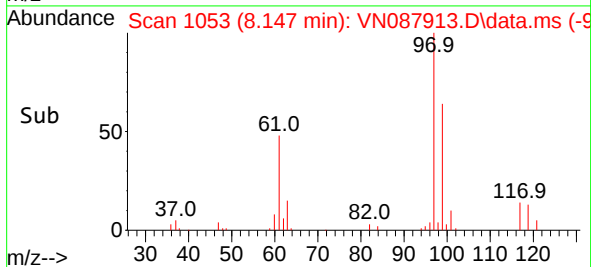
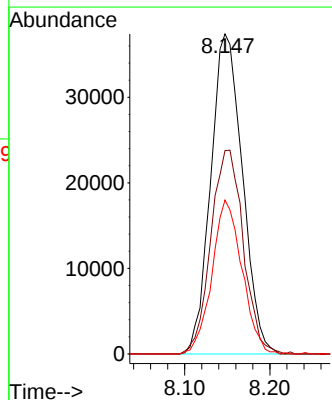
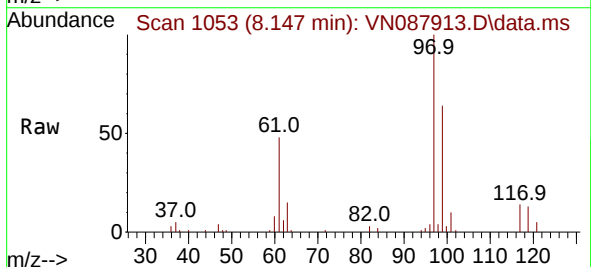


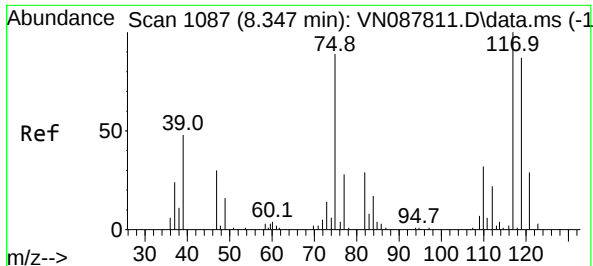
Tgt Ion: 77 Resp: 97569
Ion Ratio Lower Upper
77 100
97 13.6 17.1 25.7#



#32
1,1,1-Trichloroethane
Concen: 20.422 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

Tgt Ion: 97 Resp: 96916
Ion Ratio Lower Upper
97 100
99 65.1 52.2 78.4
61 45.5 37.9 56.9

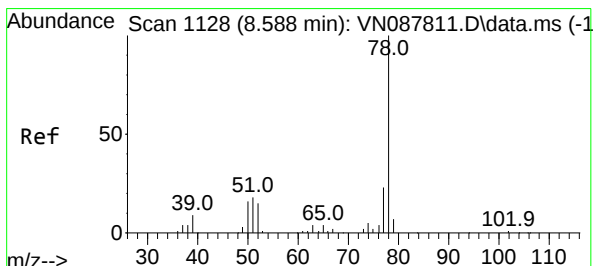
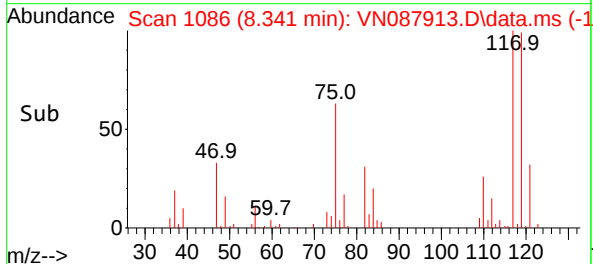
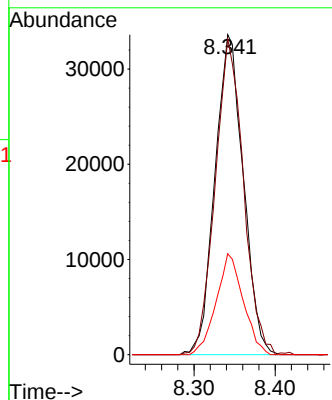
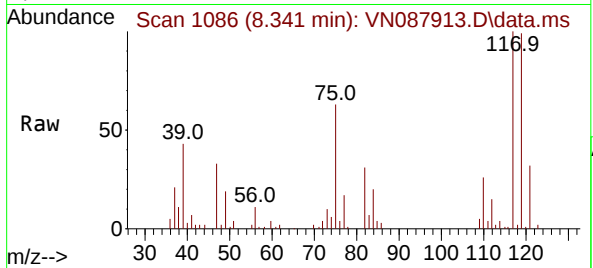




#33
Carbon Tetrachloride
Concen: 20.602 ug/l
RT: 8.341 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

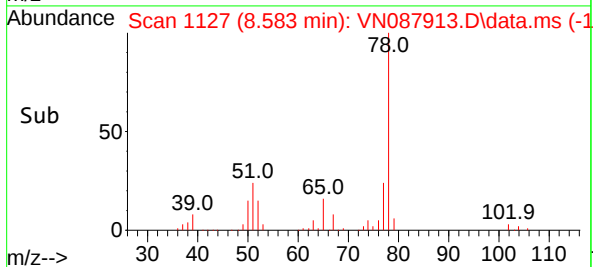
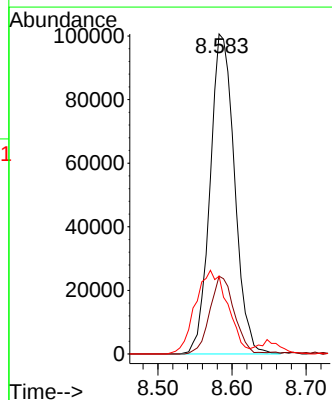
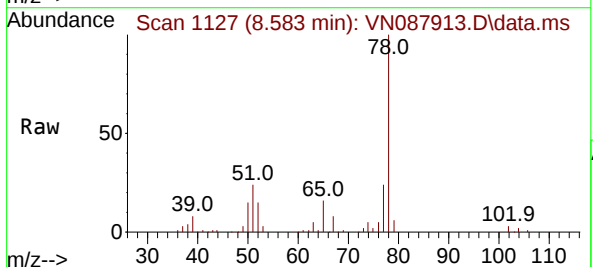
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

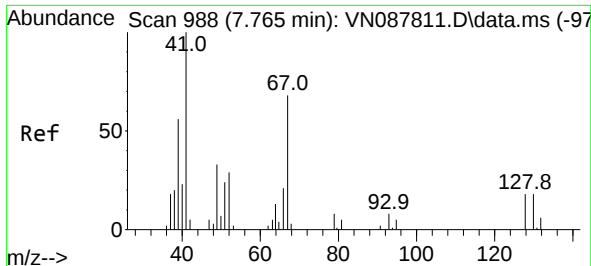
Tgt Ion:117 Resp: 81521
Ion Ratio Lower Upper
117 100
119 98.7 77.3 115.9
121 31.6 26.6 39.8



#34
Benzene
Concen: 19.046 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

Tgt Ion: 78 Resp: 230417
Ion Ratio Lower Upper
78 100
77 24.3 20.3 30.5
51 22.4 18.0 27.0

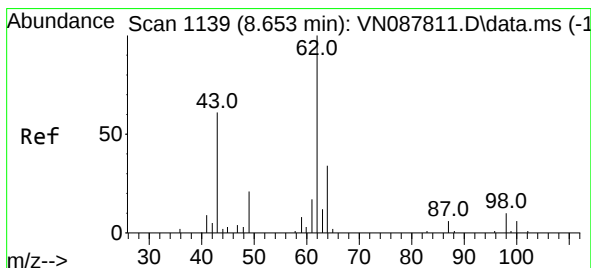
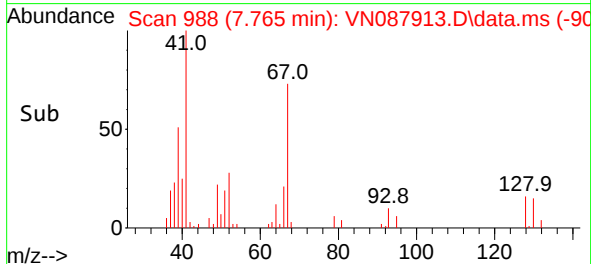
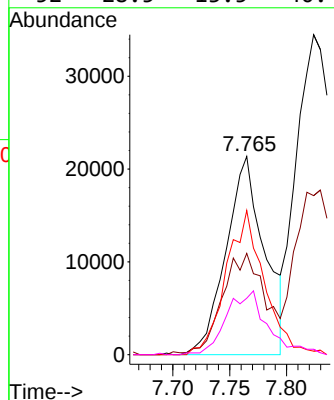
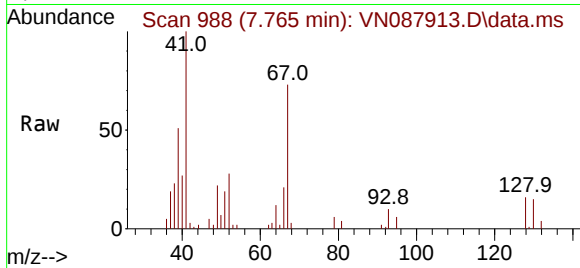




#35
Methacrylonitrile
Concen: 18.622 ug/l
RT: 7.765 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

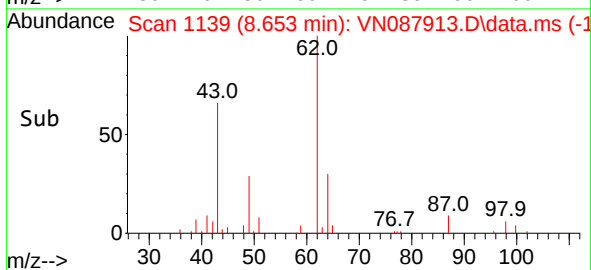
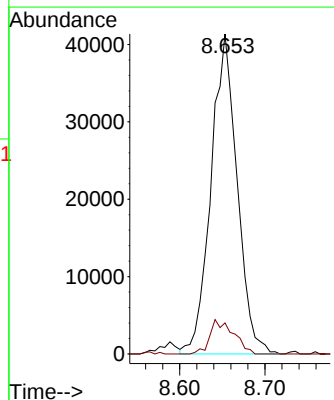
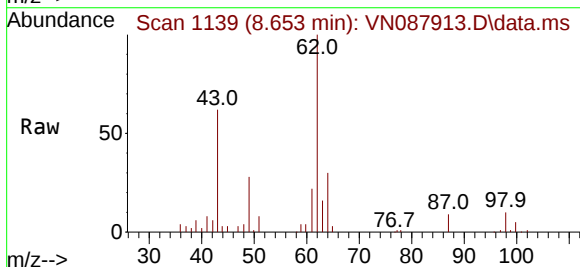
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

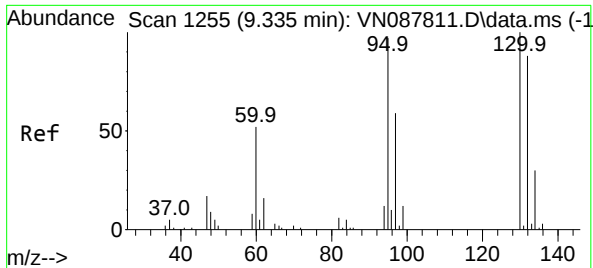
Tgt Ion:	41	Resp:	50228
Ion	Ratio	Lower	Upper
41	100		
39	50.1	27.1	81.2
67	72.7	32.1	96.5
52	28.5	13.5	40.4



#36
1,2-Dichloroethane
Concen: 19.356 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

Tgt Ion:	62	Resp:	88454
Ion	Ratio	Lower	Upper
62	100		
98	9.2	7.2	10.8

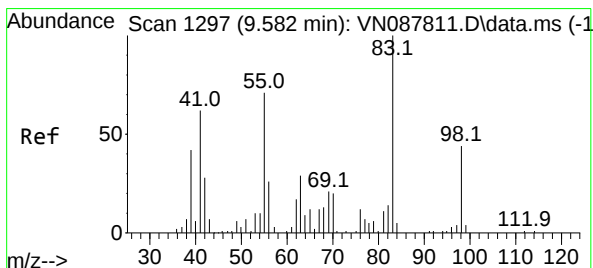
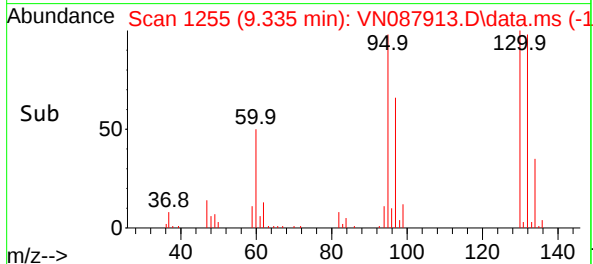
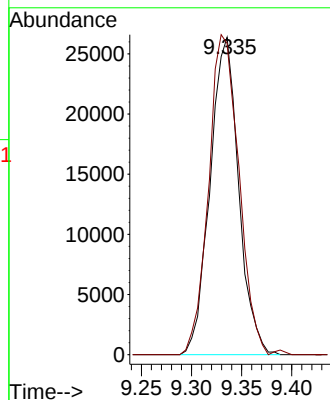
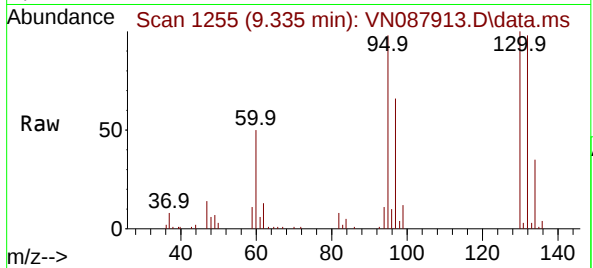




#37
Trichloroethene
Concen: 19.343 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

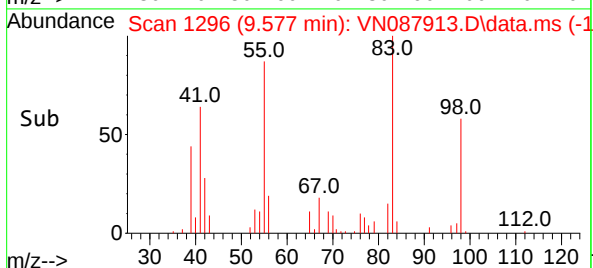
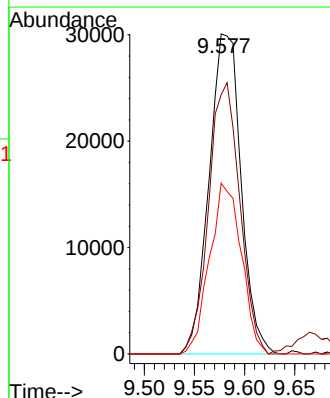
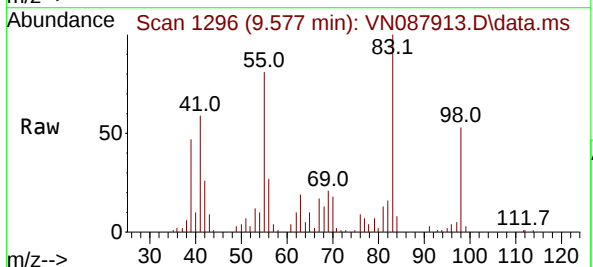
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

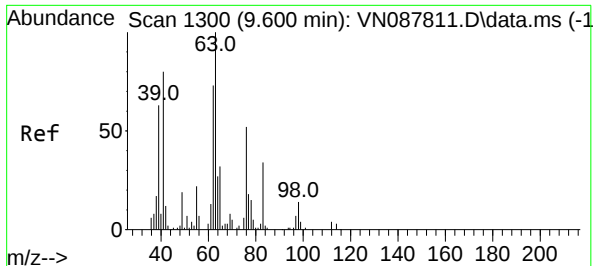
Tgt Ion:130 Resp: 52312
Ion Ratio Lower Upper
130 100
95 98.1 82.7 124.1



#38
Methylcyclohexane
Concen: 16.188 ug/l
RT: 9.577 min Scan# 1296
Delta R.T. -0.006 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

Tgt Ion: 83 Resp: 66726
Ion Ratio Lower Upper
83 100
55 82.7 40.4 121.1
98 52.9 24.0 72.0





#39

1,2-Dichloropropane

Concen: 19.652 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN087913.D

Acq: 22 Sep 2025 10:57

Instrument :

MSVOA_N

ClientSampleId :

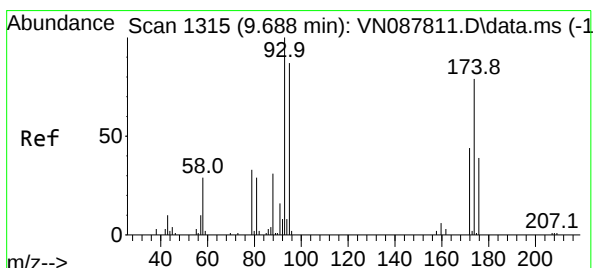
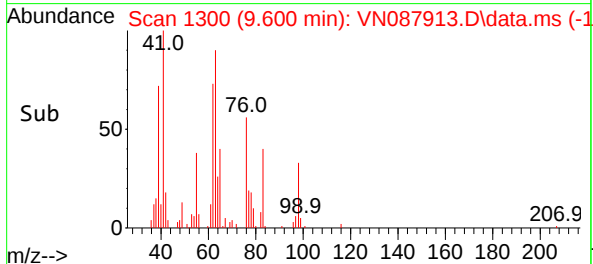
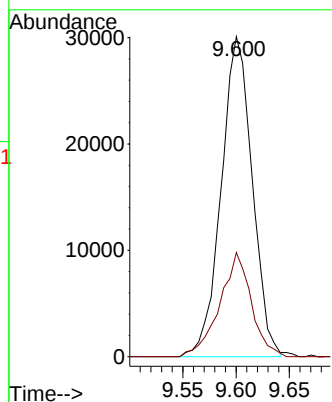
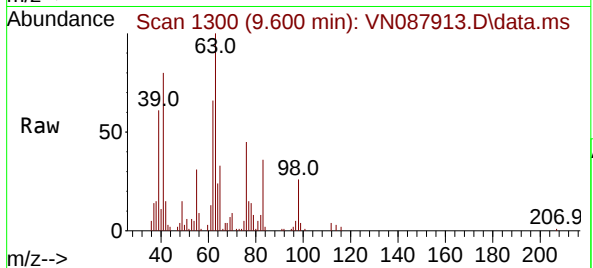
VN0922WBS01

Tgt Ion: 63 Resp: 60893

Ion Ratio Lower Upper

63 100

65 32.6 24.1 36.1



#40

Dibromomethane

Concen: 20.795 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN087913.D

Acq: 22 Sep 2025 10:57

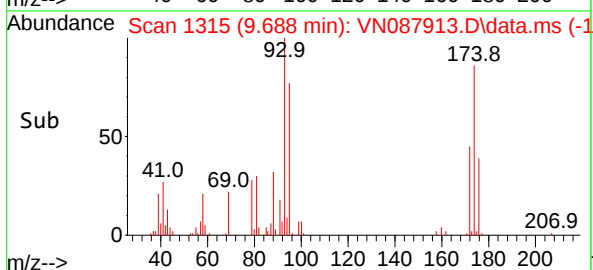
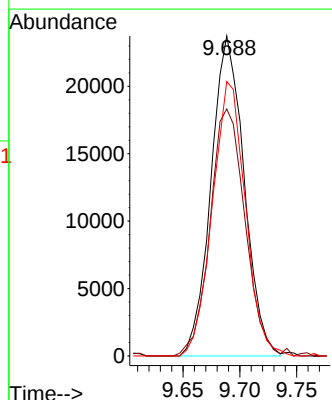
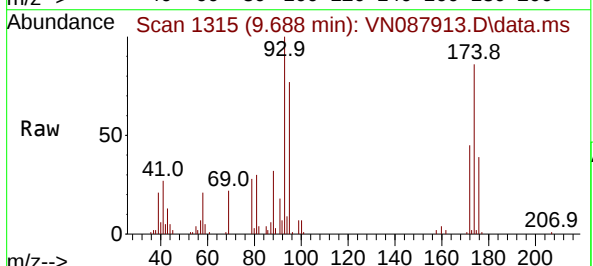
Tgt Ion: 93 Resp: 47952

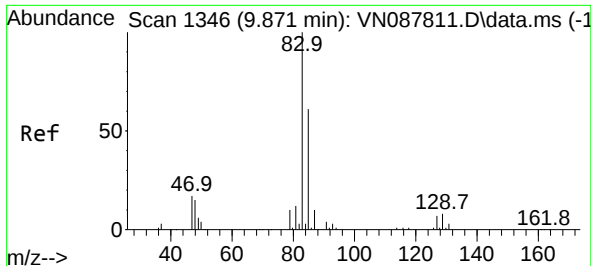
Ion Ratio Lower Upper

93 100

95 81.3 0.0 168.4

174 85.6 0.0 162.8

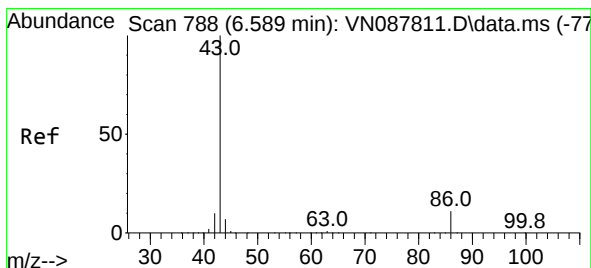
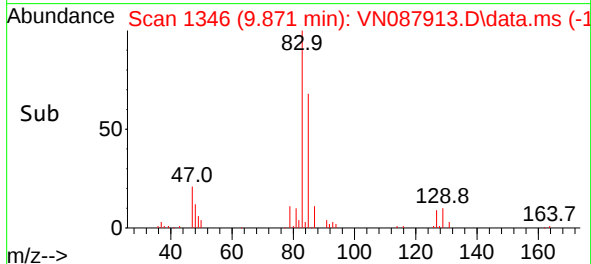
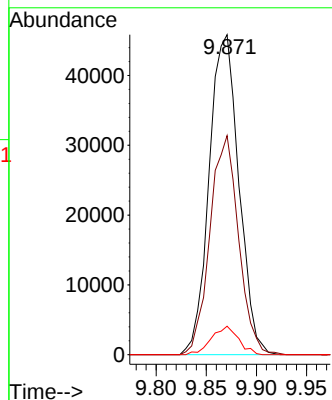
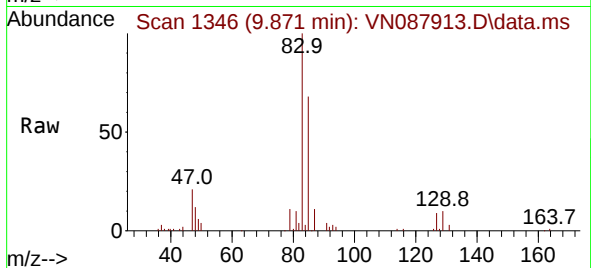




#41
Bromodichloromethane
Concen: 20.063 ug/l
RT: 9.871 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

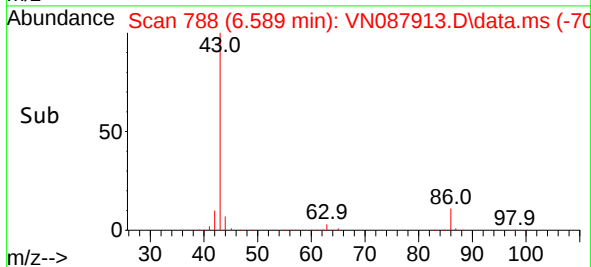
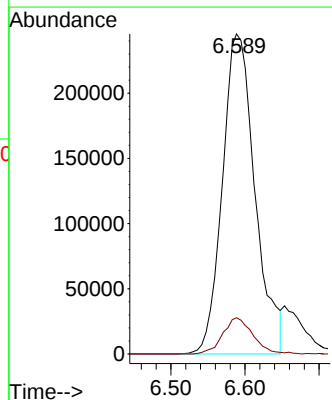
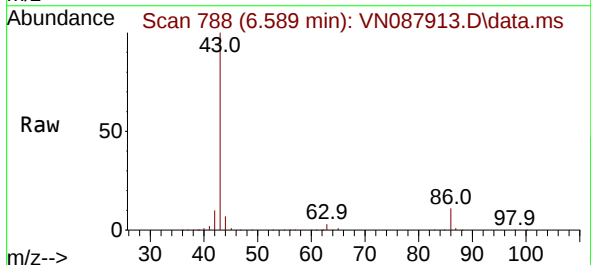
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

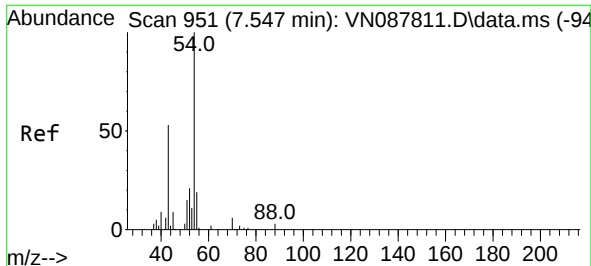
Tgt Ion: 83 Resp: 94561
Ion Ratio Lower Upper
83 100
85 68.5 47.3 70.9
127 8.9 5.2 7.8#



#42
Vinyl Acetate
Concen: 87.043 ug/l
RT: 6.589 min Scan# 788
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

Tgt Ion: 43 Resp: 749949
Ion Ratio Lower Upper
43 100
86 10.4 7.7 11.5

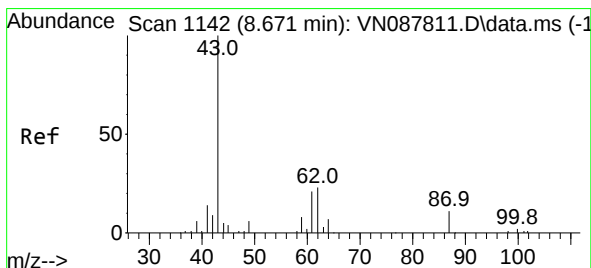
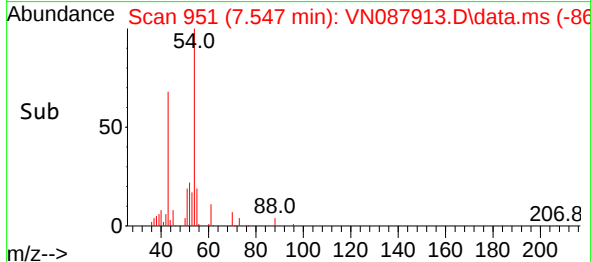
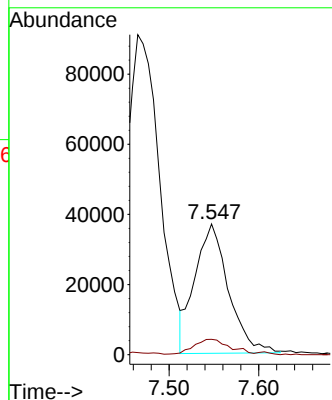
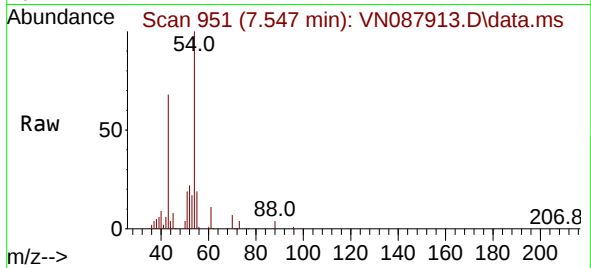




#43
Ethyl Acetate
Concen: 18.245 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

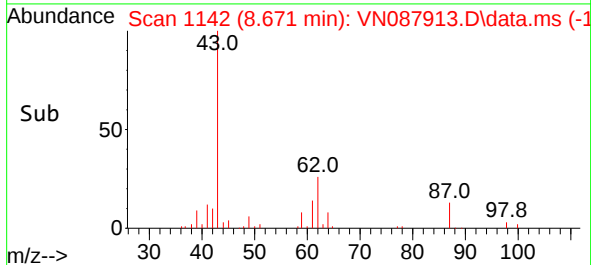
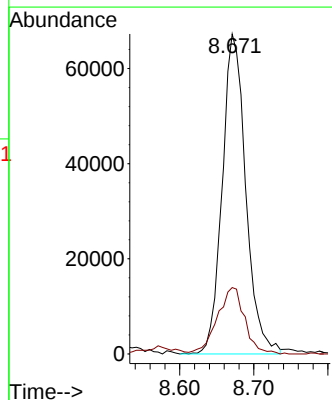
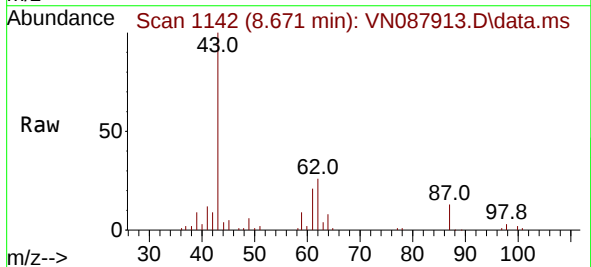
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

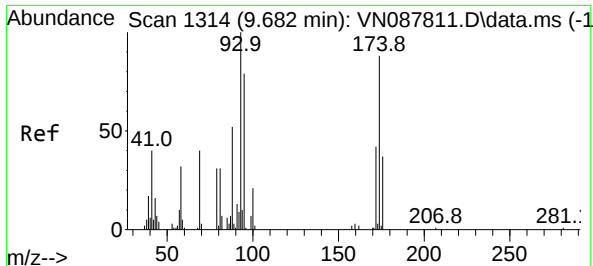
Tgt Ion: 43 Resp: 96123
Ion Ratio Lower Upper
43 100
45 11.2 10.5 15.7



#44
Isopropyl Acetate
Concen: 17.980 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

Tgt Ion: 43 Resp: 148503
Ion Ratio Lower Upper
43 100
61 24.1 19.5 29.3





#45

1,4-Dioxane

Concen: 378.509 ug/l

RT: 9.677 min Scan# 1313

Delta R.T. -0.000 min

Lab File: VN087913.D

Acq: 22 Sep 2025 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBS01

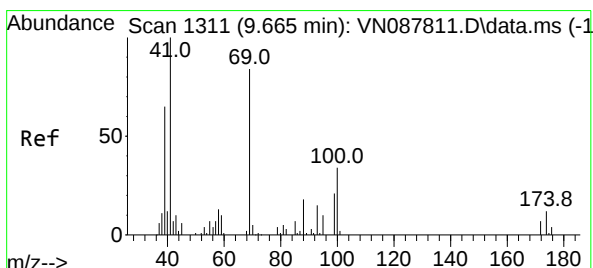
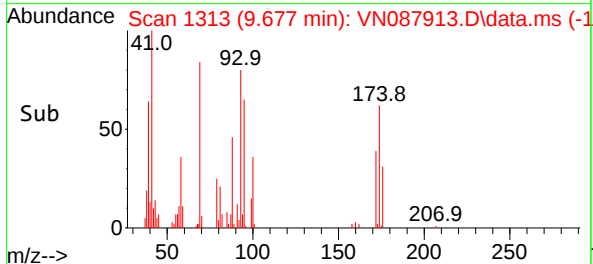
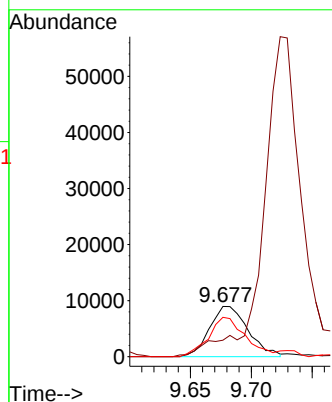
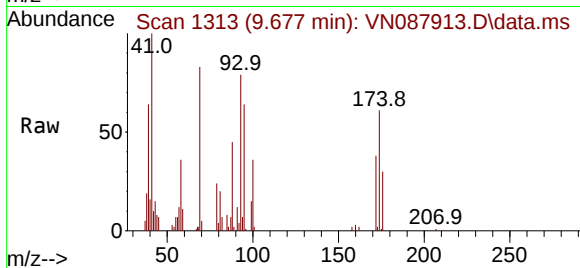
Tgt Ion: 88 Resp: 19715

Ion Ratio Lower Upper

88 100

43 15.4 23.6 35.4#

58 74.8 60.5 90.7



#46

Methyl methacrylate

Concen: 16.765 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VN087913.D

Acq: 22 Sep 2025 10:57

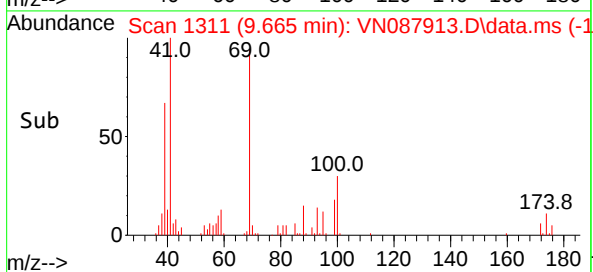
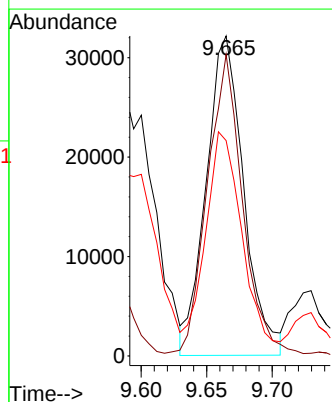
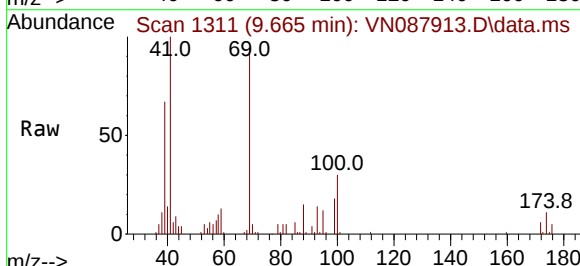
Tgt Ion: 41 Resp: 63823

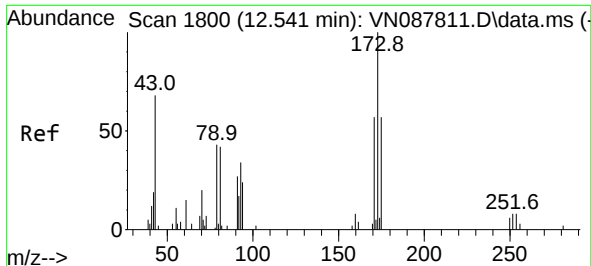
Ion Ratio Lower Upper

41 100

69 99.5 40.3 120.9

39 67.7 31.9 95.9

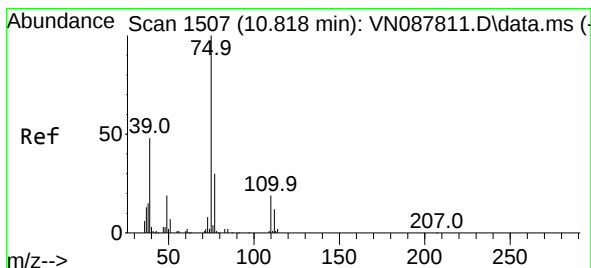
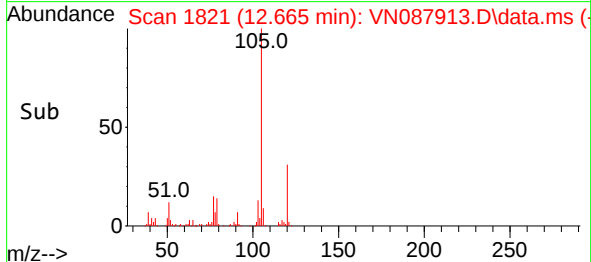
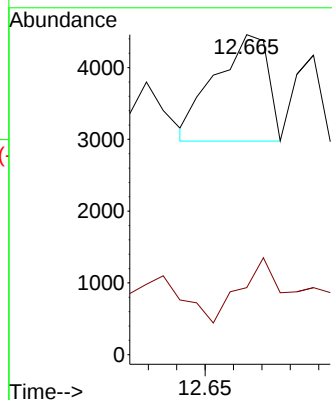
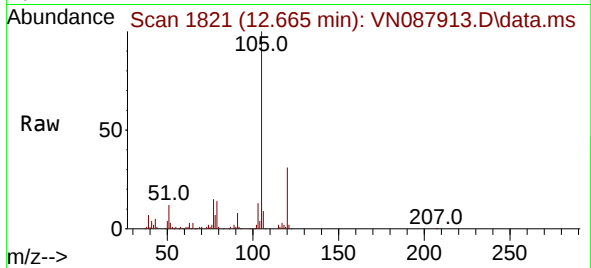




#47
n-amy1 Acetate
Concen: 0.342 ug/l
RT: 12.665 min Scan# 1800
Delta R.T. -0.006 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

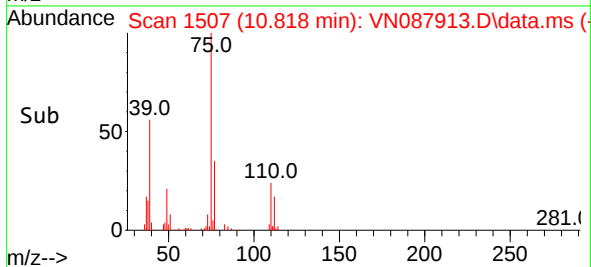
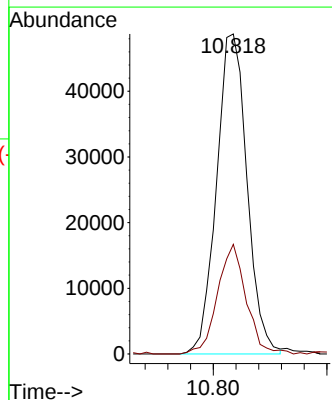
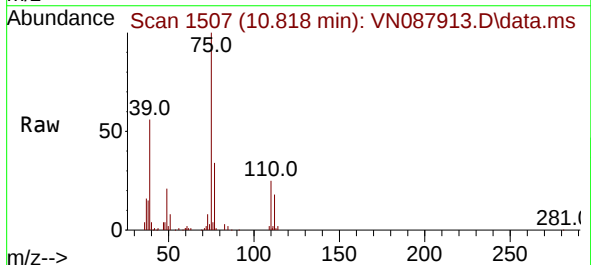
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

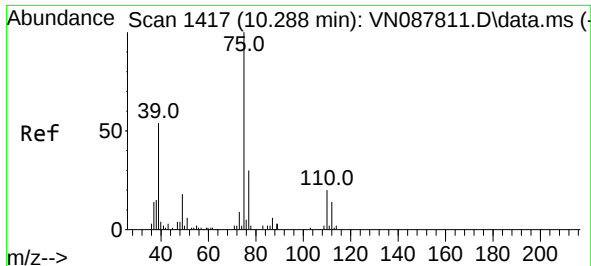
Tgt Ion: 43 Resp: 1909
Ion Ratio Lower Upper
43 100
55 69.8 0.7 1.1#



#48
t-1,3-Dichloropropene
Concen: 18.537 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

Tgt Ion: 75 Resp: 90740
Ion Ratio Lower Upper
75 100
77 34.3 24.7 37.1





#49

cis-1,3-Dichloropropene

Concen: 19.838 ug/l

RT: 10.294 min Scan# 1418

Delta R.T. 0.006 min

Lab File: VN087913.D

Acq: 22 Sep 2025 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBS01

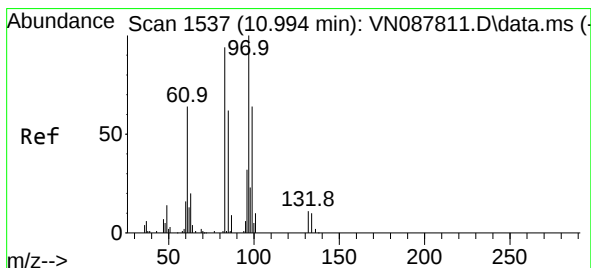
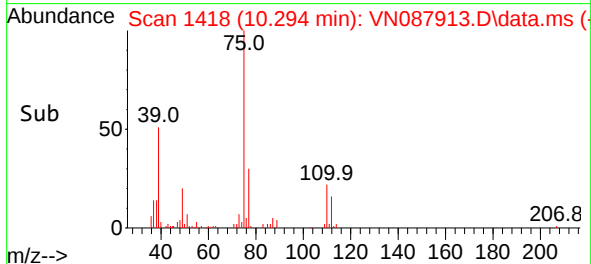
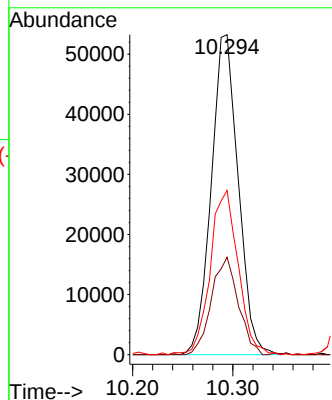
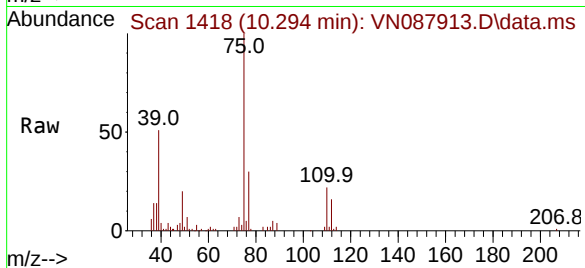
Tgt Ion: 75 Resp: 99462

Ion Ratio Lower Upper

75 100

77 30.5 27.8 41.6

39 51.4 47.6 71.4



#50

1,1,2-Trichloroethane

Concen: 20.819 ug/l

RT: 10.994 min Scan# 1537

Delta R.T. -0.000 min

Lab File: VN087913.D

Acq: 22 Sep 2025 10:57

Tgt Ion: 97 Resp: 62007

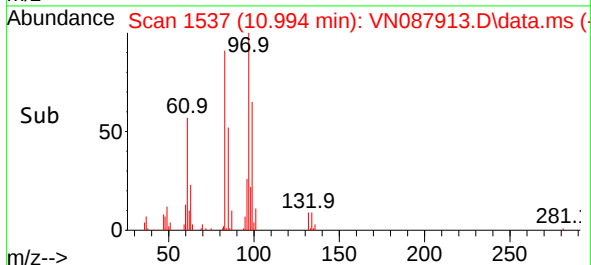
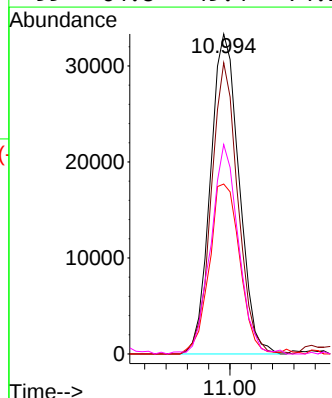
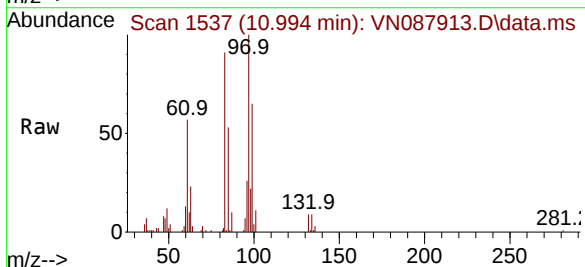
Ion Ratio Lower Upper

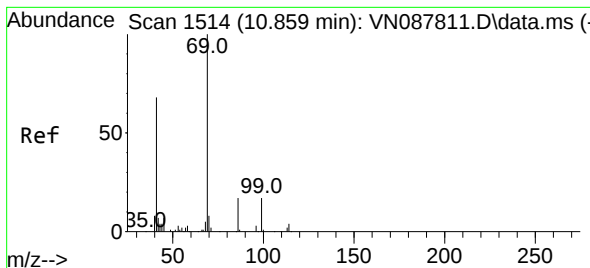
97 100

83 91.0 70.5 105.7

85 53.1 46.3 69.5

99 64.8 49.4 74.2

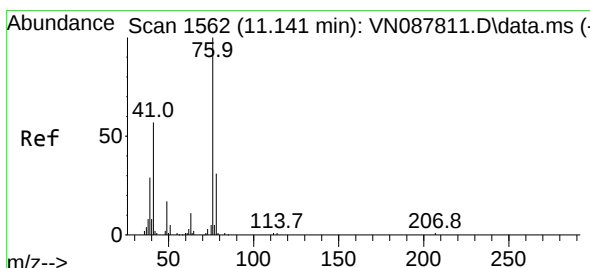
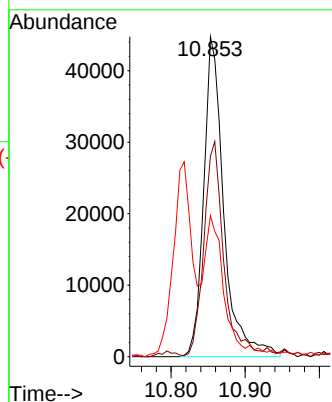
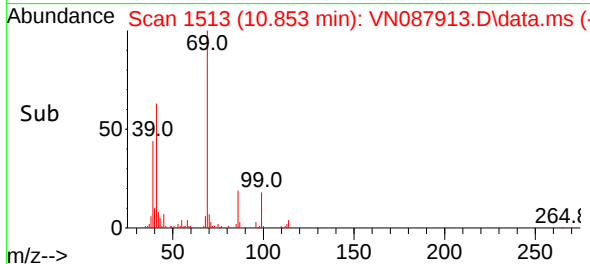
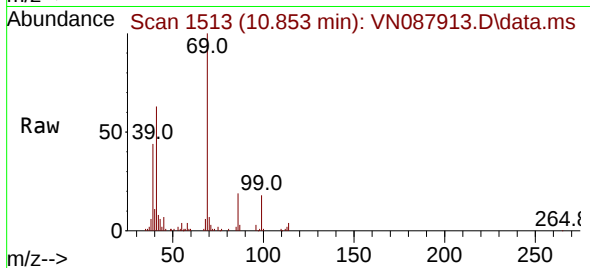




#51
Ethyl methacrylate
Concen: 18.198 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

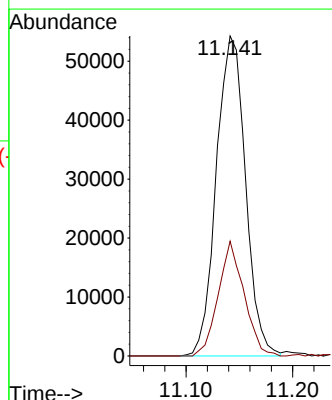
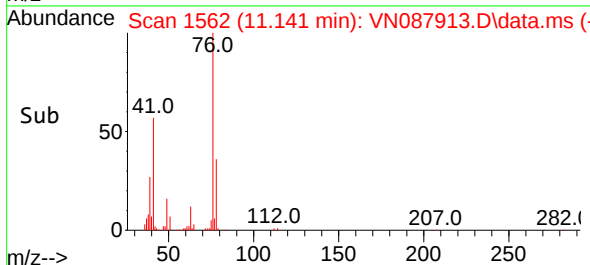
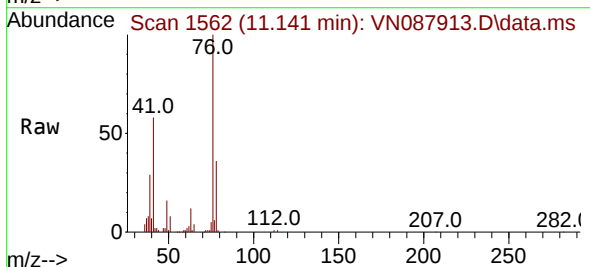
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

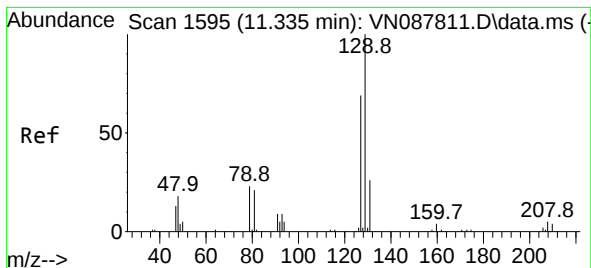
Tgt Ion: 69 Resp: 84350
Ion Ratio Lower Upper
69 100
41 62.2 33.7 101.0
39 42.8 20.3 60.9



#52
1,3-Dichloropropane
Concen: 19.975 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

Tgt Ion: 76 Resp: 103305
Ion Ratio Lower Upper
76 100
78 31.7 0.0 65.2





#53

Dibromochloromethane

Concen: 21.266 ug/l

RT: 11.335 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087913.D

Acq: 22 Sep 2025 10:57

Instrument :

MSVOA_N

ClientSampleId :

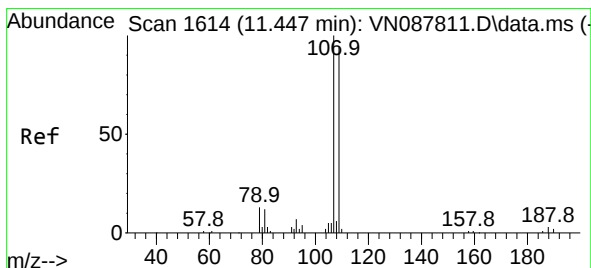
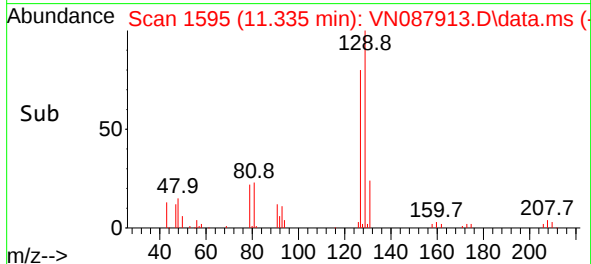
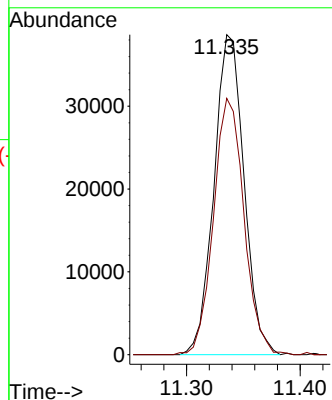
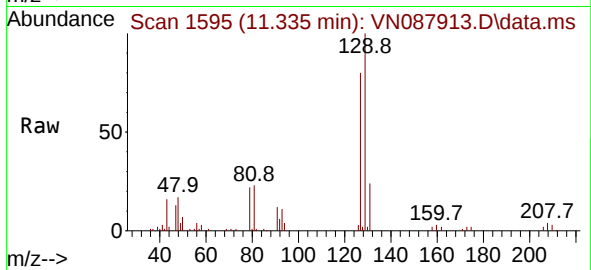
VN0922WBS01

Tgt Ion:129 Resp: 71016

Ion Ratio Lower Upper

129 100

127 81.1 42.6 128.0



#54

1,2-Dibromoethane

Concen: 20.864 ug/l

RT: 11.447 min Scan# 1614

Delta R.T. -0.000 min

Lab File: VN087913.D

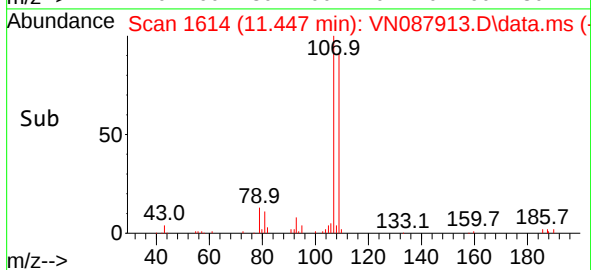
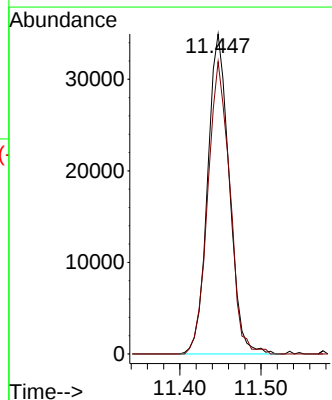
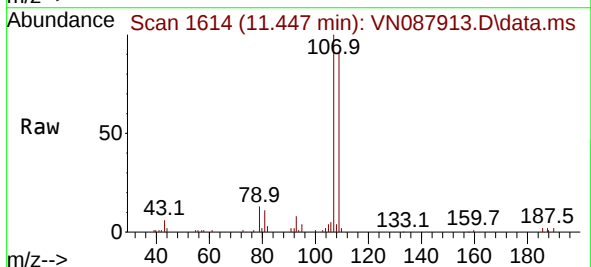
Acq: 22 Sep 2025 10:57

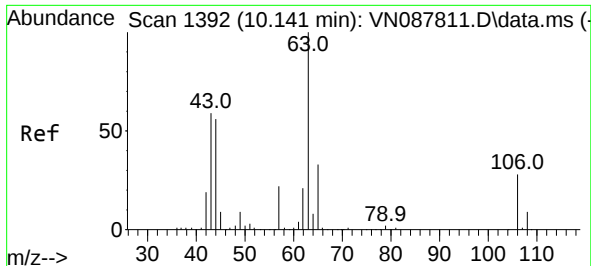
Tgt Ion:107 Resp: 64658

Ion Ratio Lower Upper

107 100

109 92.5 74.6 112.0

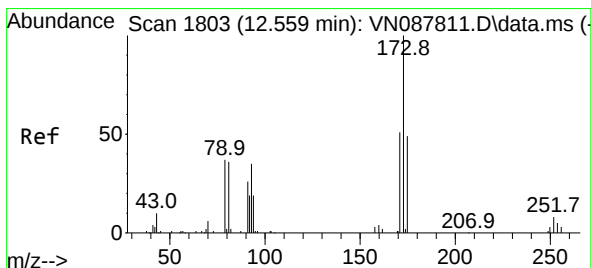
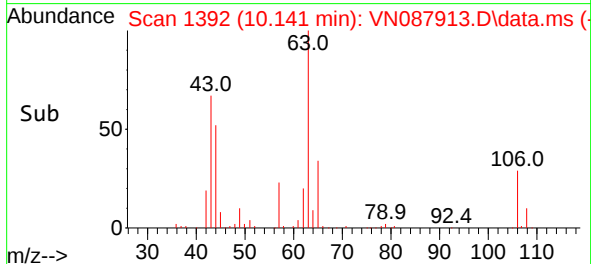
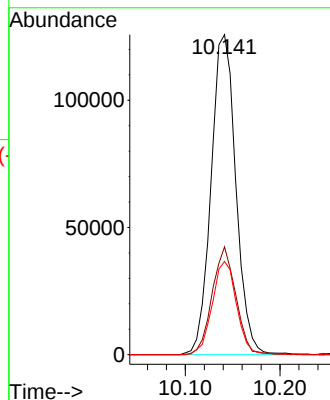
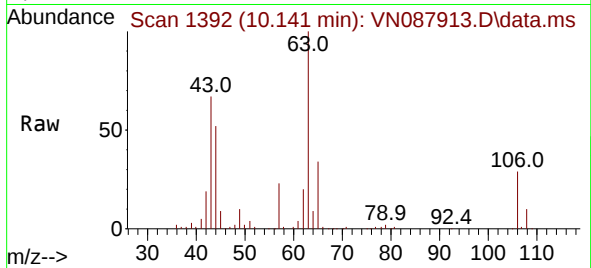




#55
2-Chloroethyl vinyl ether
Concen: 86.026 ug/l
RT: 10.141 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

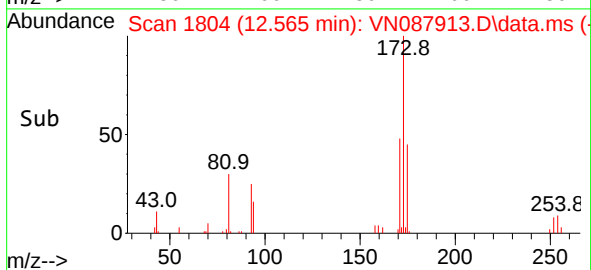
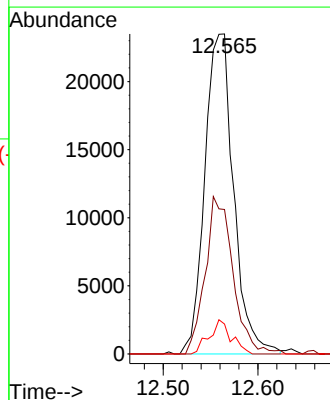
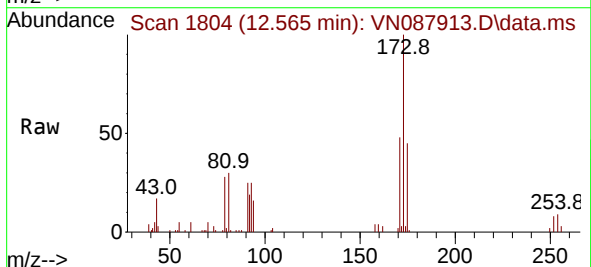
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

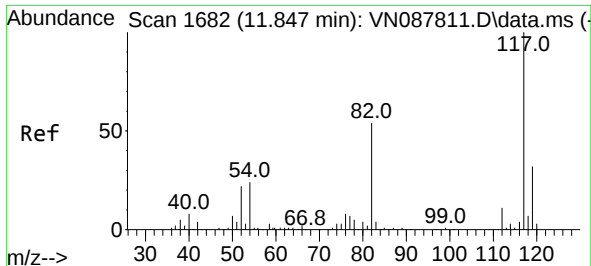
Tgt Ion: 63 Resp: 228461
Ion Ratio Lower Upper
63 100
65 32.1 26.6 40.0
106 28.7 21.1 31.7



#56
Bromoform
Concen: 22.755 ug/l
RT: 12.565 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

Tgt Ion:173 Resp: 49625
Ion Ratio Lower Upper
173 100
175 47.0 39.8 59.6
254 6.4 6.2 9.4

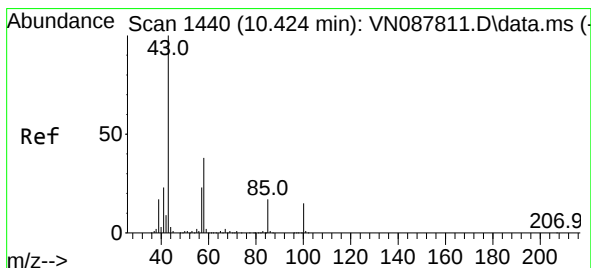
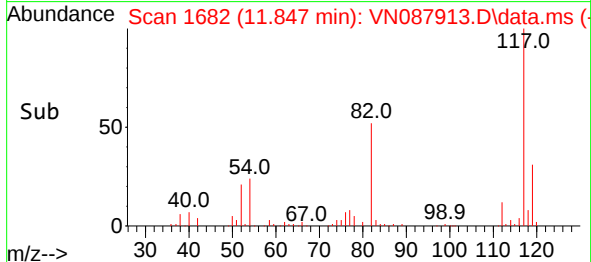
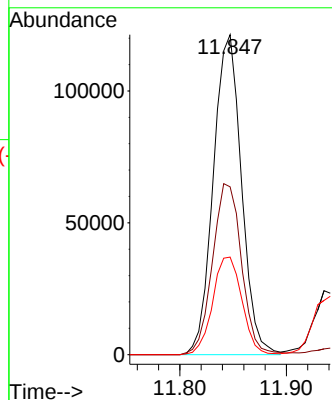
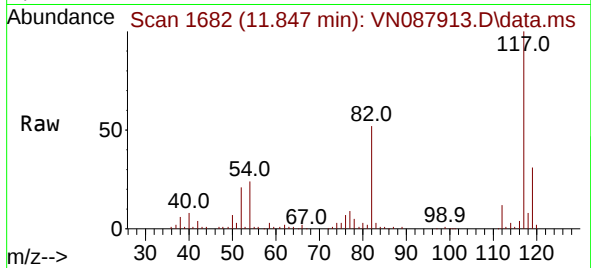




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

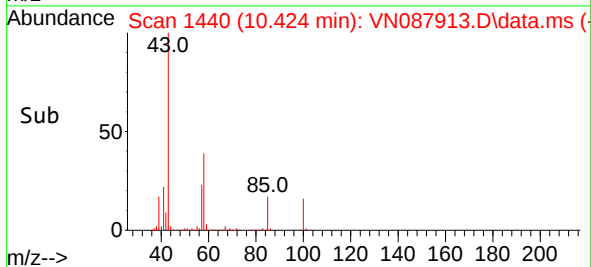
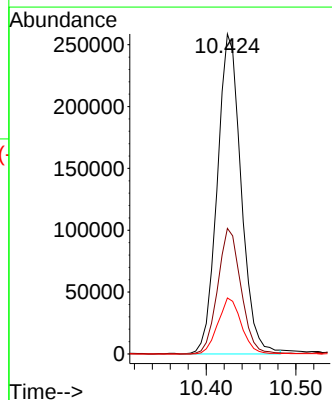
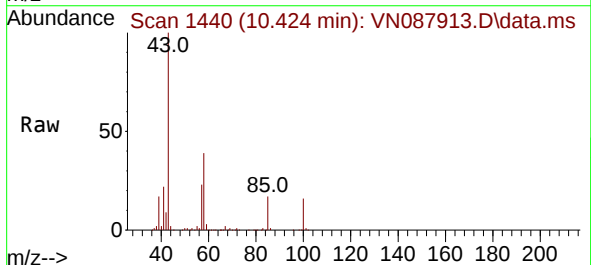
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

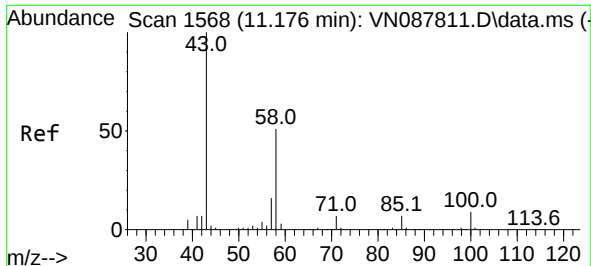
Tgt Ion:117 Resp: 222543
Ion Ratio Lower Upper
117 100
82 55.2 45.9 68.9
119 31.7 25.3 37.9



#58
4-Methyl-2-Pentanone
Concen: 90.769 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

Tgt Ion: 43 Resp: 477626
Ion Ratio Lower Upper
43 100
58 38.3 29.6 44.4
85 17.1 13.0 19.4

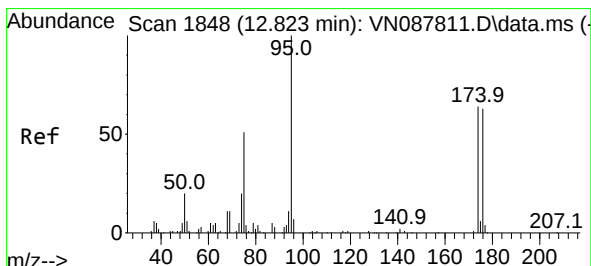
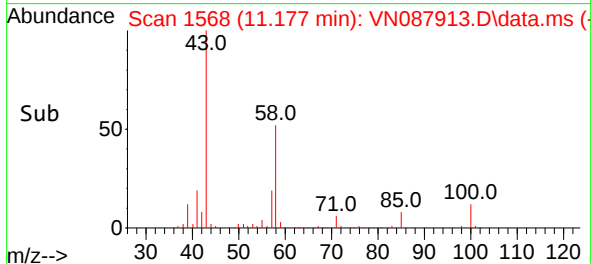
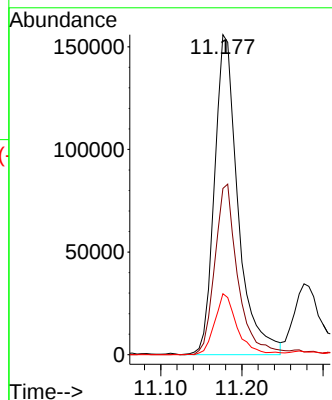
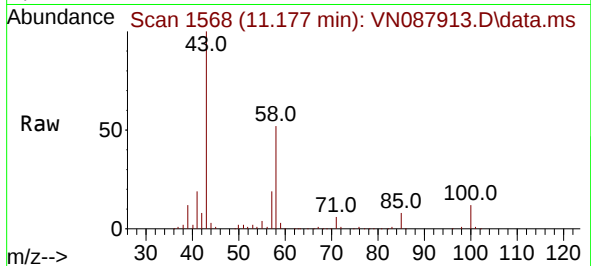




#59
2-Hexanone
Concen: 91.474 ug/l
RT: 11.177 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

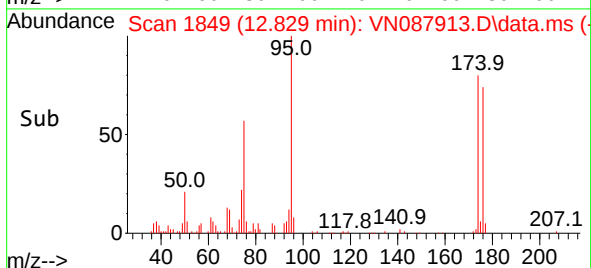
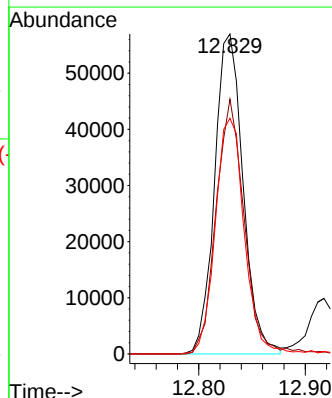
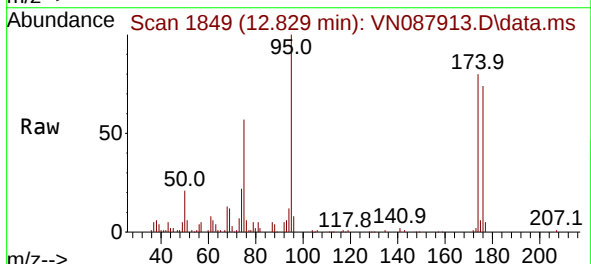
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

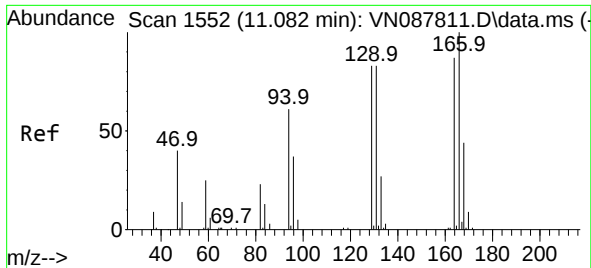
Tgt Ion: 43 Resp: 314525
Ion Ratio Lower Upper
43 100
58 51.9 40.2 60.4
57 17.8 13.7 20.5



#60
4-Bromofluorobenzene
Concen: 29.528 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

Tgt Ion: 95 Resp: 105659
Ion Ratio Lower Upper
95 100
174 77.7 55.4 83.0
176 75.2 51.5 77.3

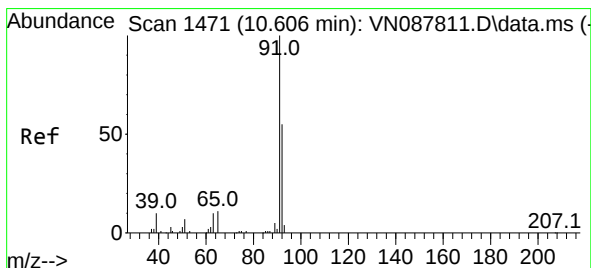
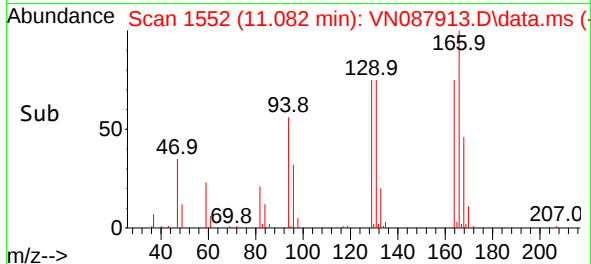
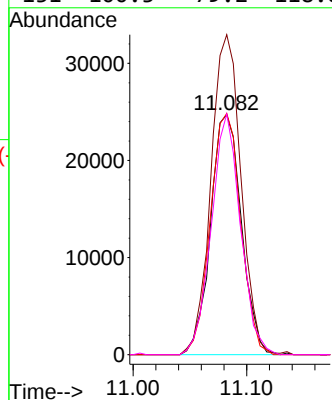
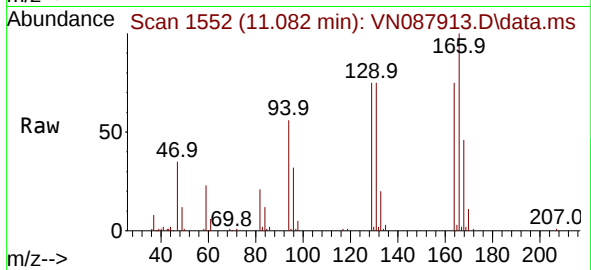




#61
Tetrachloroethene
Concen: 21.005 ug/l
RT: 11.082 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

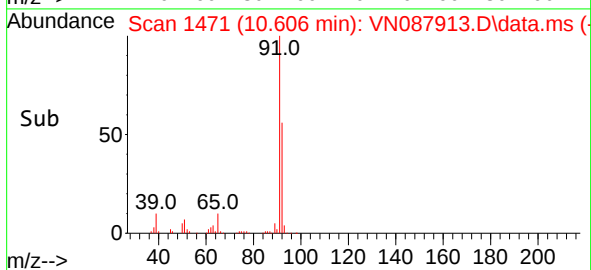
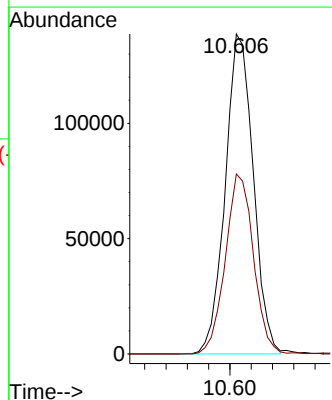
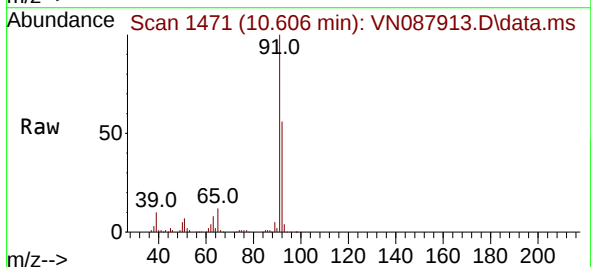
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

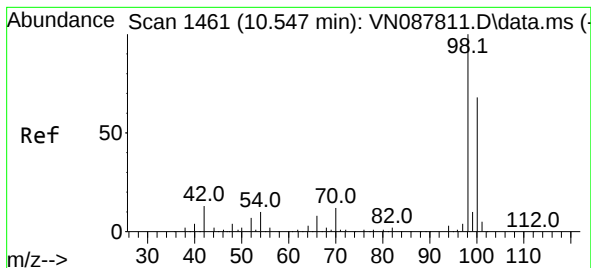
Tgt Ion:164 Resp: 46541
Ion Ratio Lower Upper
164 100
166 133.3 97.3 145.9
129 100.6 78.6 117.8
131 100.3 79.2 118.8



#62
Toluene
Concen: 18.806 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

Tgt Ion: 91 Resp: 253155
Ion Ratio Lower Upper
91 100
92 56.4 45.4 68.0





#63

Toluene-d8

Concen: 28.379 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN087913.D

Acq: 22 Sep 2025 10:57

Instrument :

MSVOA_N

ClientSampleId :

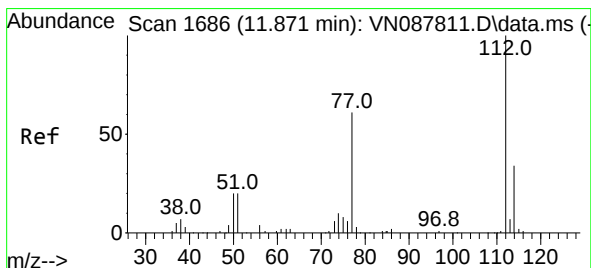
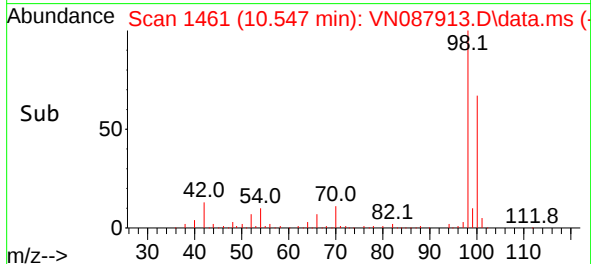
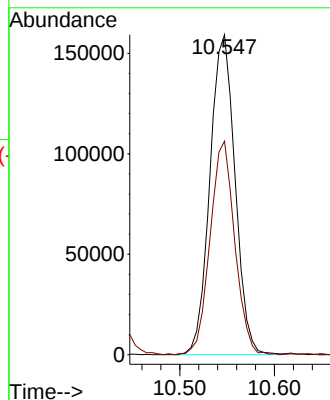
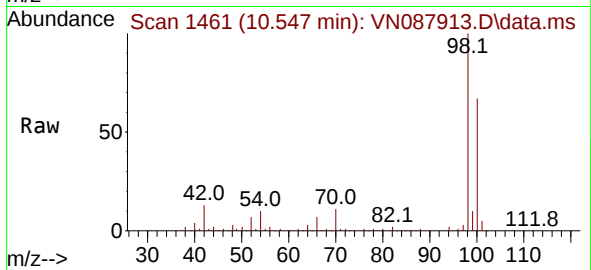
VN0922WBS01

Tgt Ion: 98 Resp: 293704

Ion Ratio Lower Upper

98 100

100 65.4 50.6 76.0



#64

Chlorobenzene

Concen: 20.246 ug/l

RT: 11.871 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VN087913.D

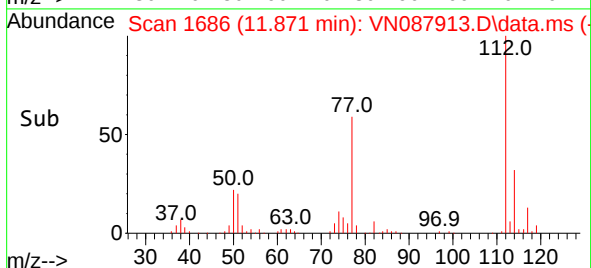
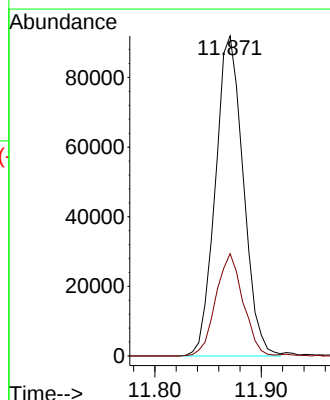
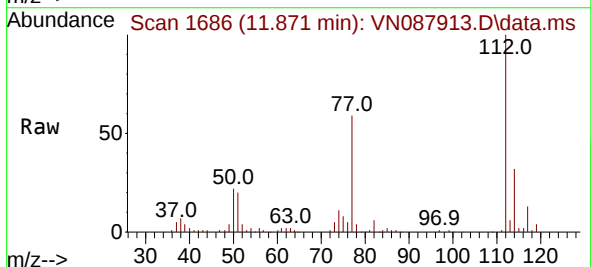
Acq: 22 Sep 2025 10:57

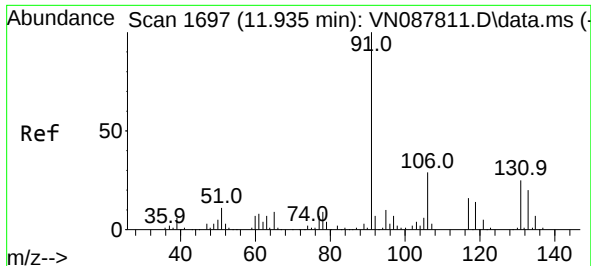
Tgt Ion: 112 Resp: 167272

Ion Ratio Lower Upper

112 100

114 32.0 23.5 35.3

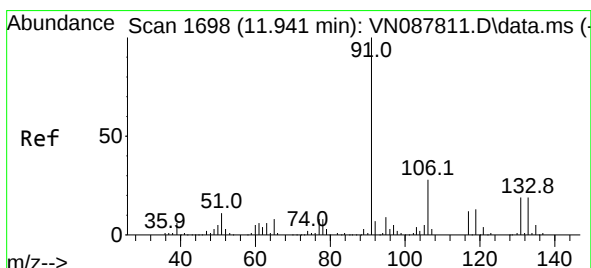
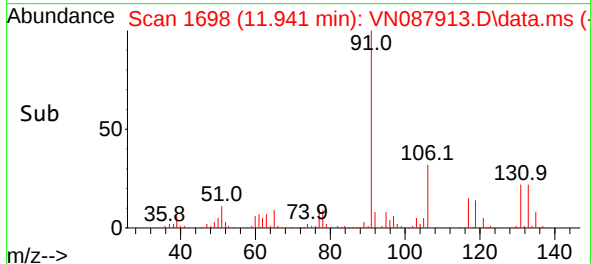
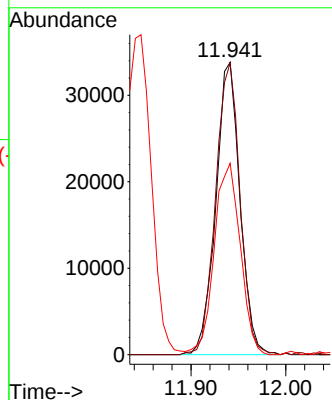
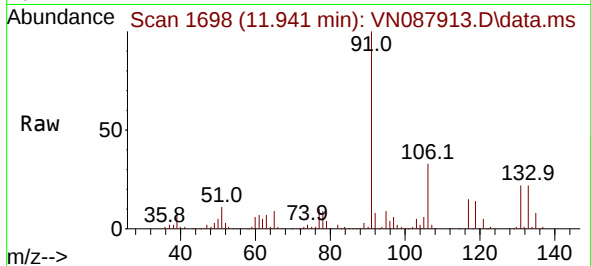




#65
1,1,1,2-Tetrachloroethane
Concen: 20.609 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

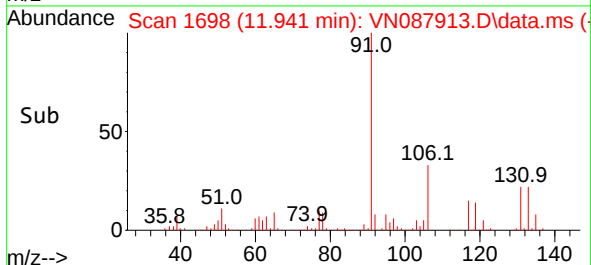
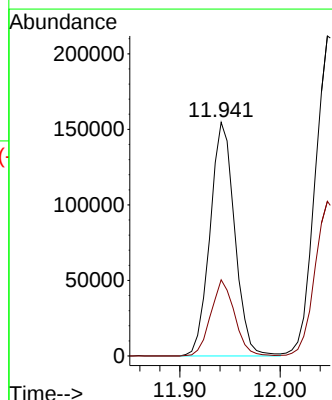
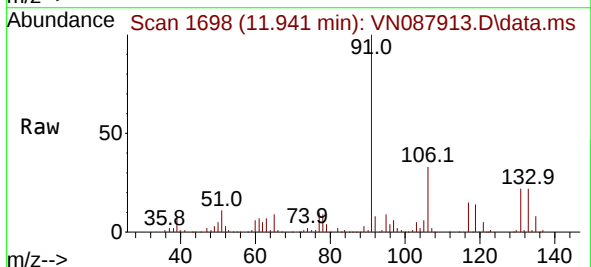
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

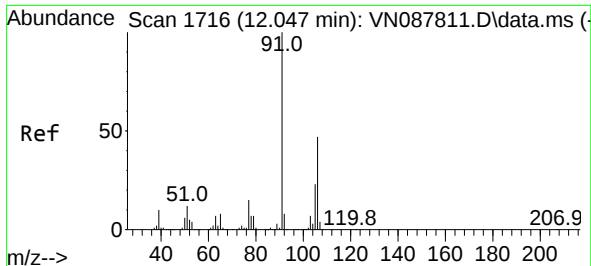
Tgt Ion:131 Resp: 59947
Ion Ratio Lower Upper
131 100
133 101.0 0.0 195.8
119 70.5 0.0 139.0



#66
Ethyl Benzene
Concen: 18.197 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

Tgt Ion: 91 Resp: 264265
Ion Ratio Lower Upper
91 100
106 32.6 21.3 31.9#

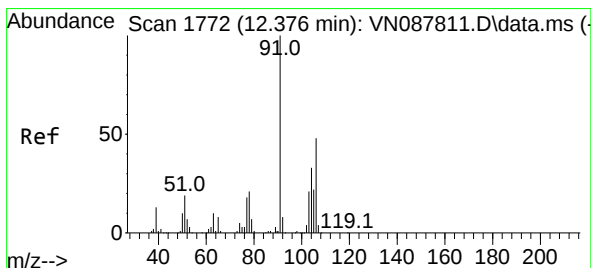
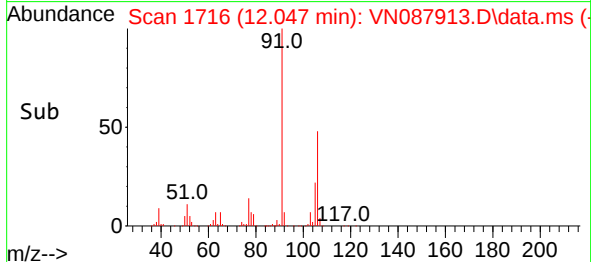
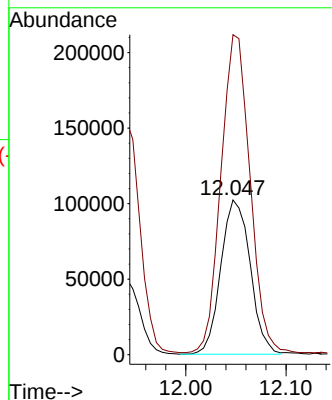
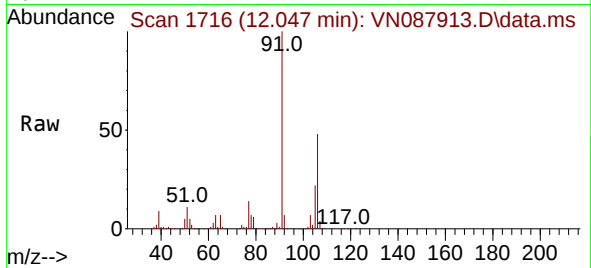




#67
m/p-Xylenes
Concen: 38.620 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

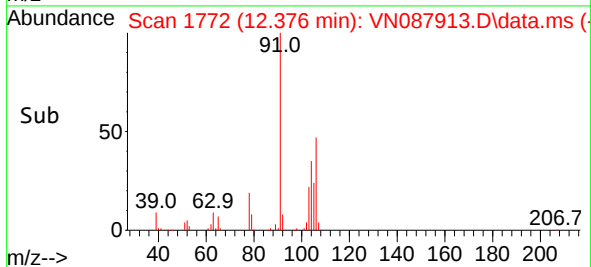
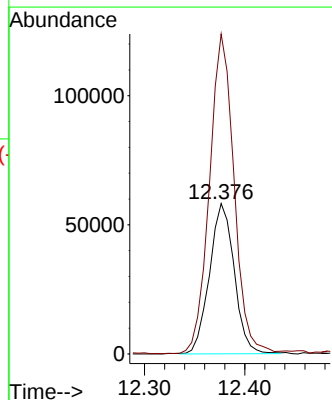
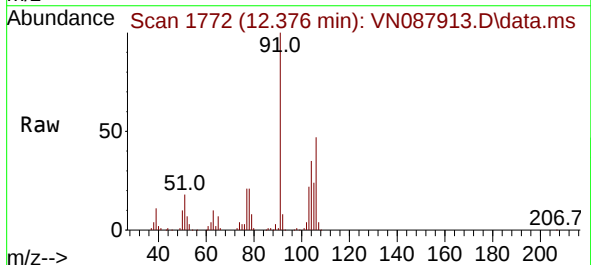
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

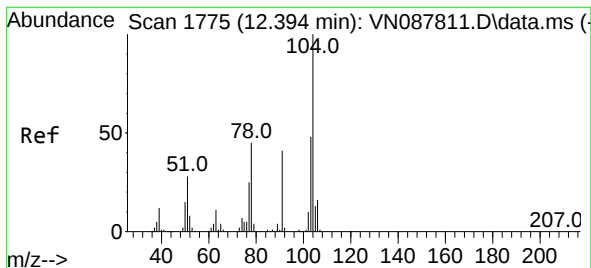
Tgt Ion:106 Resp: 208192
Ion Ratio Lower Upper
106 100
91 204.1 174.3 261.5



#68
o-Xylene
Concen: 19.083 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

Tgt Ion:106 Resp: 99744
Ion Ratio Lower Upper
106 100
91 212.2 107.7 323.3





#69

Styrene

Concen: 18.483 ug/l

RT: 12.394 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087913.D

Acq: 22 Sep 2025 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBS01

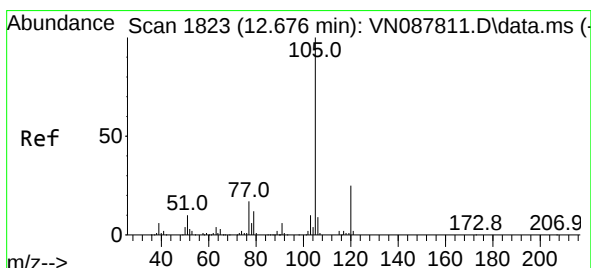
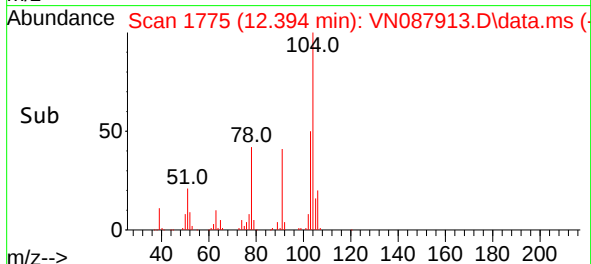
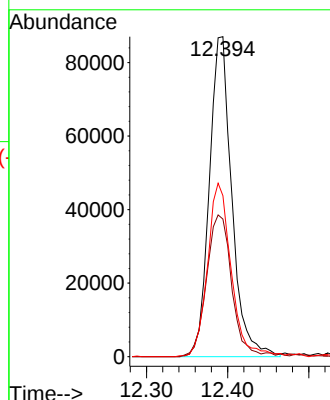
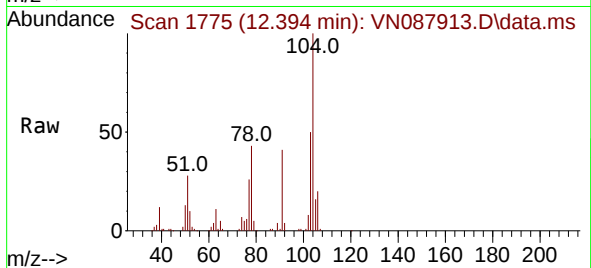
Tgt Ion:104 Resp: 167909

Ion Ratio Lower Upper

104 100

78 48.9 41.0 61.6

103 57.0 44.6 66.8



#70

Isopropylbenzene

Concen: 18.635 ug/l

RT: 12.676 min Scan# 1823

Delta R.T. -0.000 min

Lab File: VN087913.D

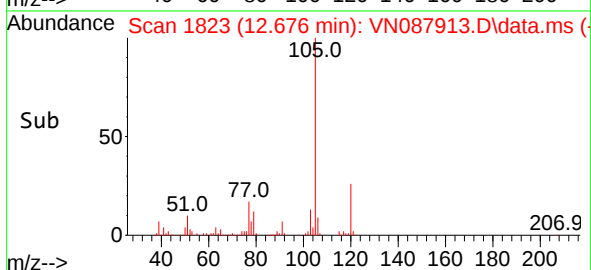
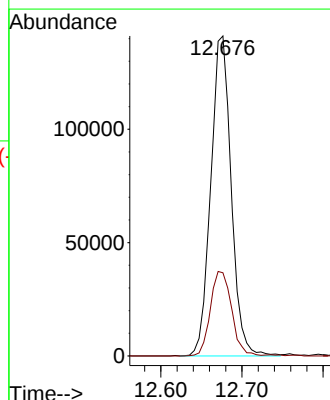
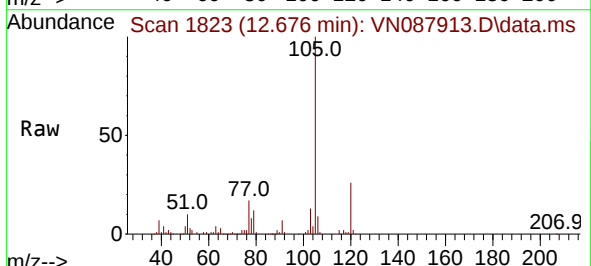
Acq: 22 Sep 2025 10:57

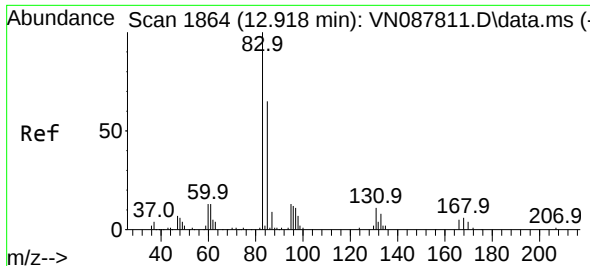
Tgt Ion:105 Resp: 246969

Ion Ratio Lower Upper

105 100

120 27.4 17.4 32.4

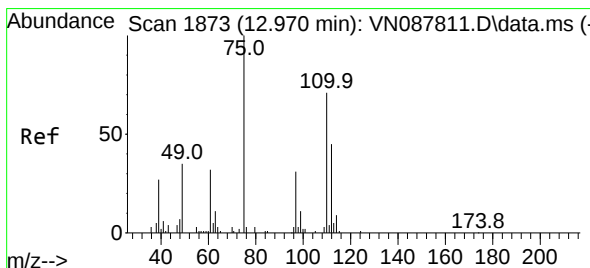
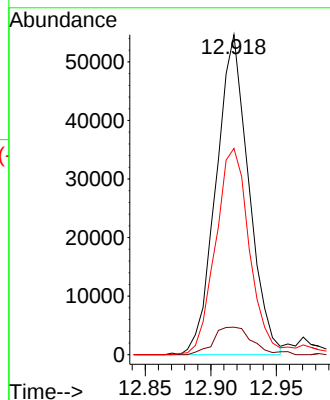
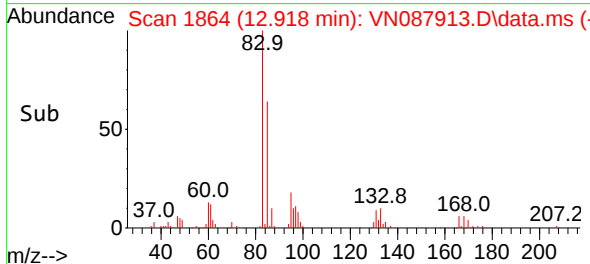
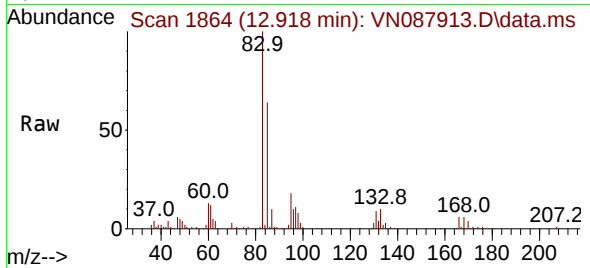




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.804 ug/l
 RT: 12.918 min Scan# 1864
 Delta R.T. -0.000 min
 Lab File: VN087913.D
 Acq: 22 Sep 2025 10:57

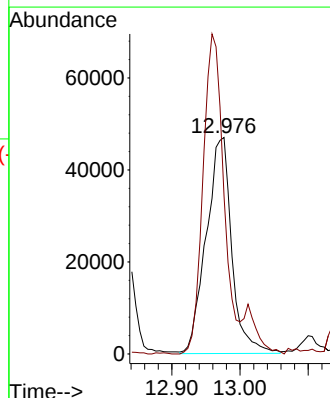
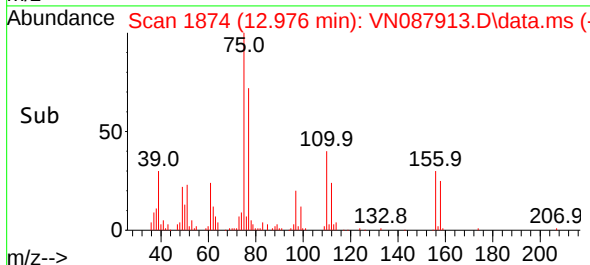
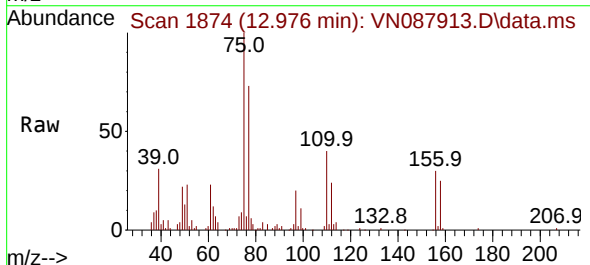
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0922WBS01

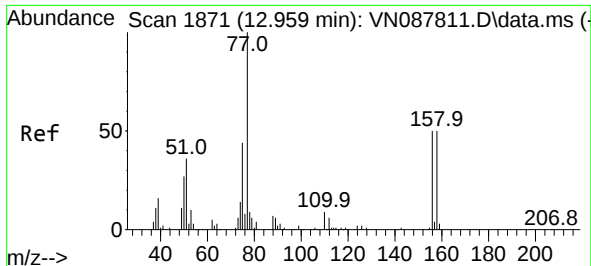
Tgt Ion: 83 Resp: 94358
 Ion Ratio Lower Upper
 83 100
 131 9.9 4.8 14.3
 85 67.5 31.9 95.7



#72
 1,2,3-Trichloropropane
 Concen: 26.183 ug/l
 RT: 12.976 min Scan# 1874
 Delta R.T. 0.006 min
 Lab File: VN087913.D
 Acq: 22 Sep 2025 10:57

Tgt Ion: 75 Resp: 122486
 Ion Ratio Lower Upper
 75 100
 77 119.9 0.0 378.8

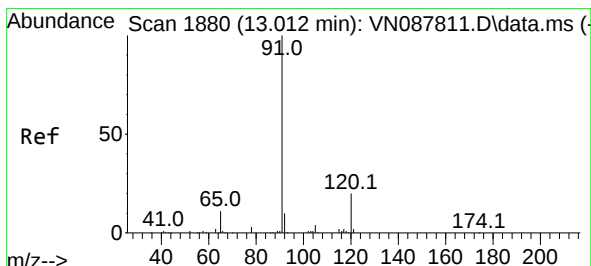
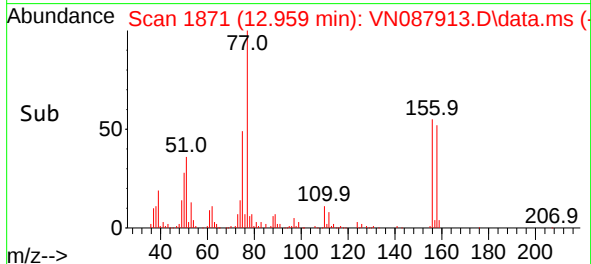
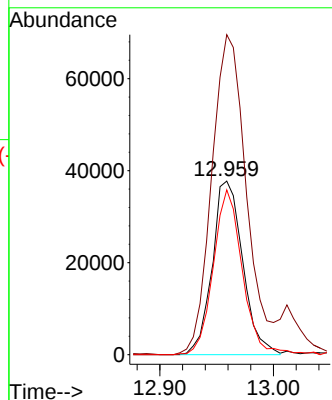
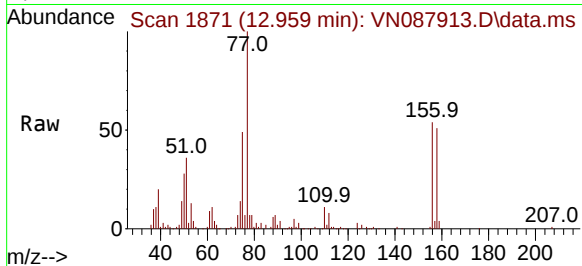




#73
Bromobenzene
Concen: 21.704 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.006 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

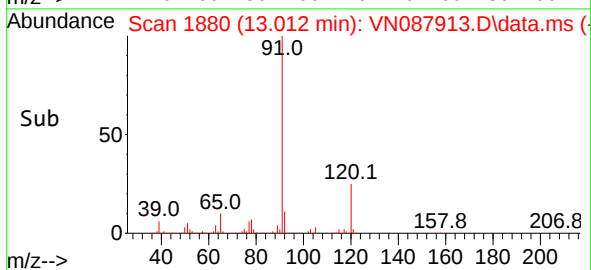
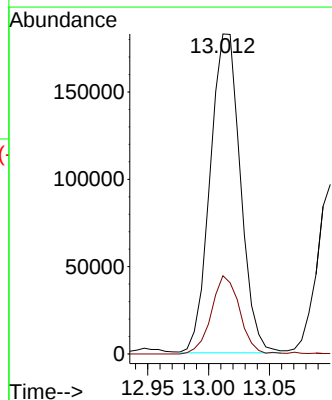
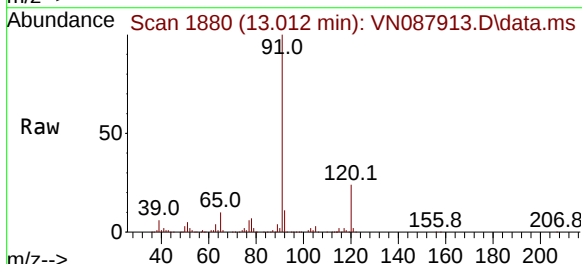
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

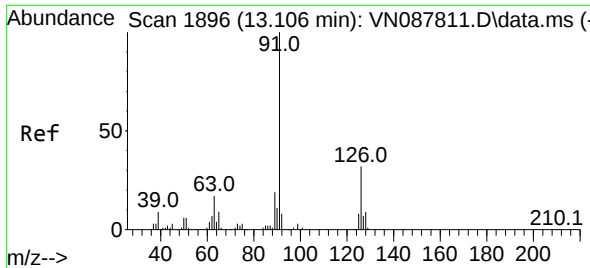
Tgt Ion:156 Resp: 70375
Ion Ratio Lower Upper
156 100
77 208.8 0.0 484.2
158 90.5 0.0 186.2



#74
n-propylbenzene
Concen: 18.906 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

Tgt Ion: 91 Resp: 316138
Ion Ratio Lower Upper
91 100
120 22.7 0.0 42.2

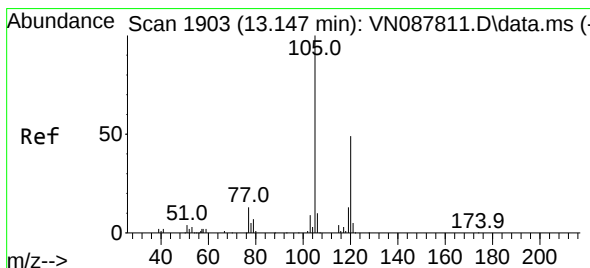
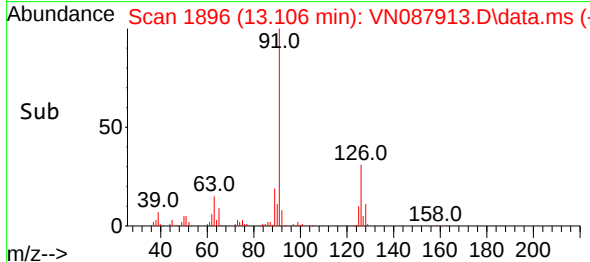
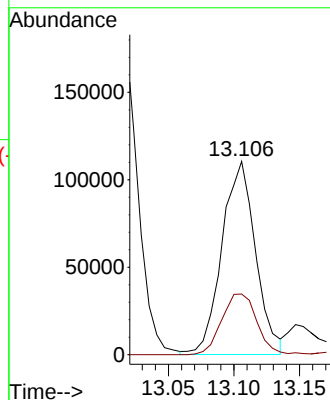
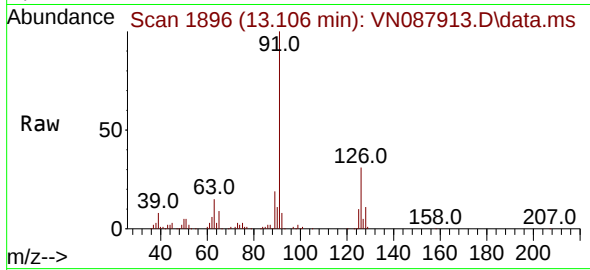




#75
2-Chlorotoluene
Concen: 19.589 ug/l
RT: 13.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

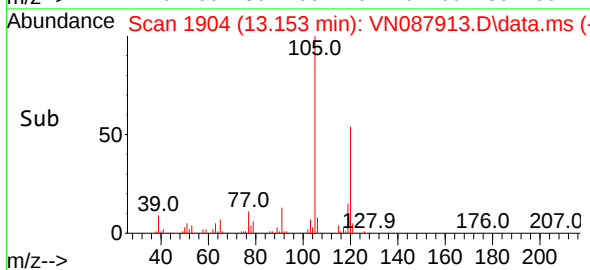
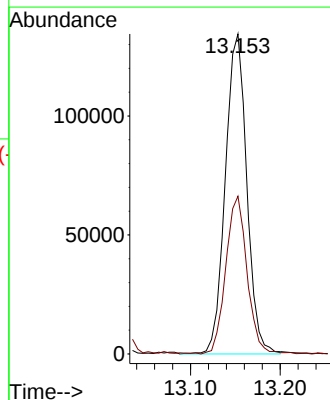
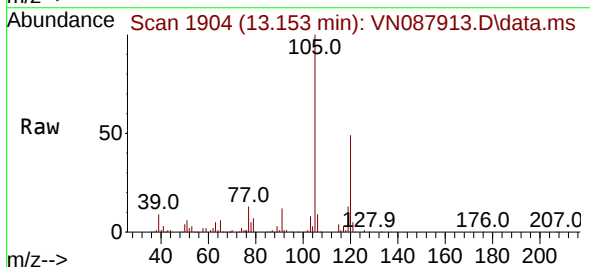
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

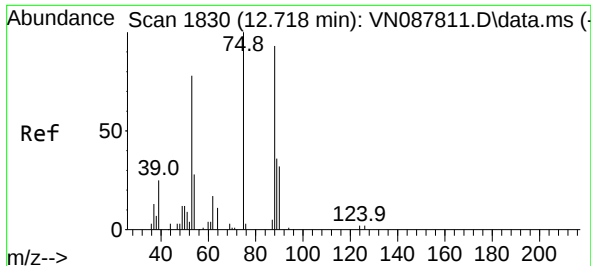
Tgt Ion: 91 Resp: 197148
Ion Ratio Lower Upper
91 100
126 32.7 0.0 60.4



#76
1,3,5-Trimethylbenzene
Concen: 19.961 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

Tgt Ion:105 Resp: 223396
Ion Ratio Lower Upper
105 100
120 48.6 0.0 92.6

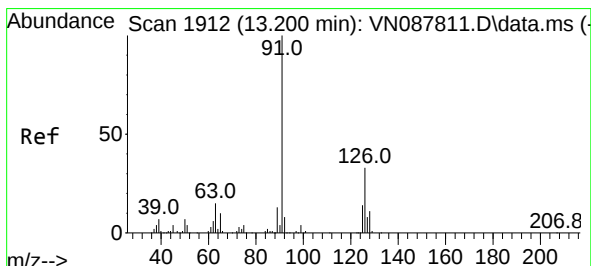
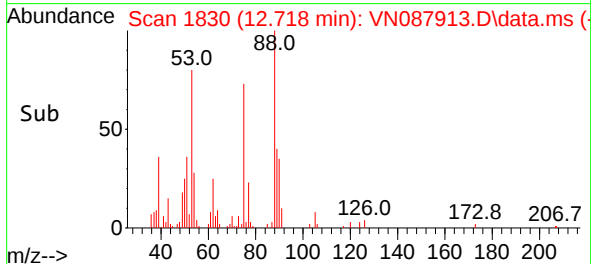
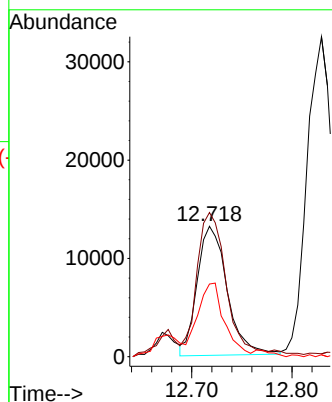
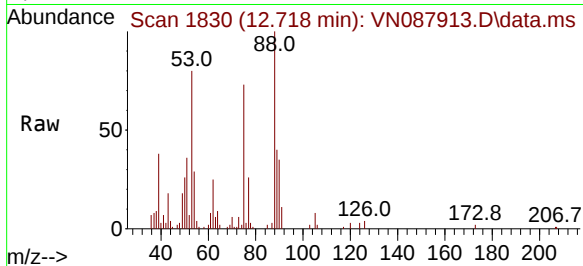




#77
t-1,4-Dichloro-2-butene
Concen: 17.326 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

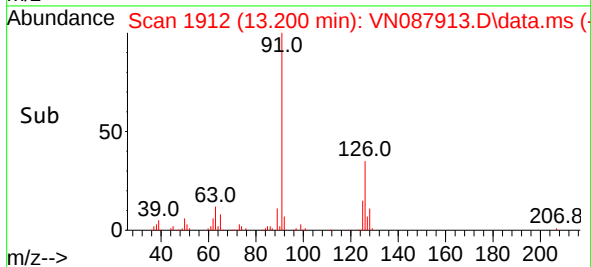
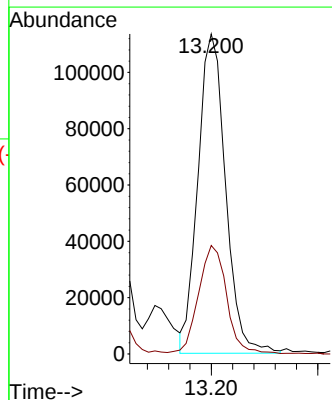
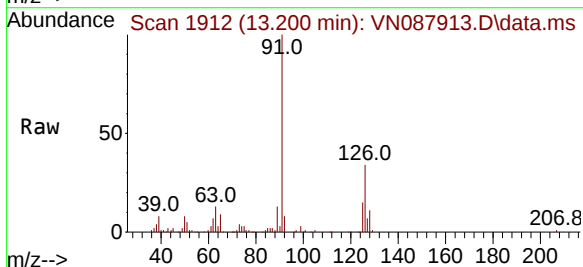
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

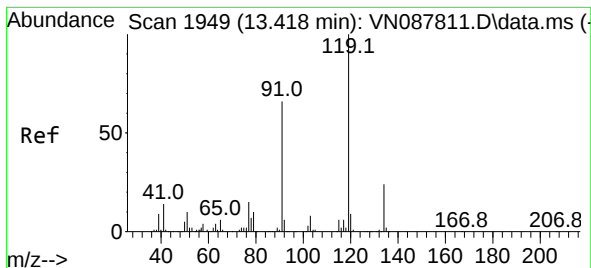
Tgt Ion: 75 Resp: 27358
Ion Ratio Lower Upper
75 100
53 108.3 45.3 135.9
89 56.5 18.8 56.3#



#78
4-Chlorotoluene
Concen: 20.128 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

Tgt Ion: 91 Resp: 204223
Ion Ratio Lower Upper
91 100
126 34.7 0.0 67.0





#79

tert-butylbenzene

Concen: 19.431 ug/l

RT: 13.418 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VN087913.D

Acq: 22 Sep 2025 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBS01

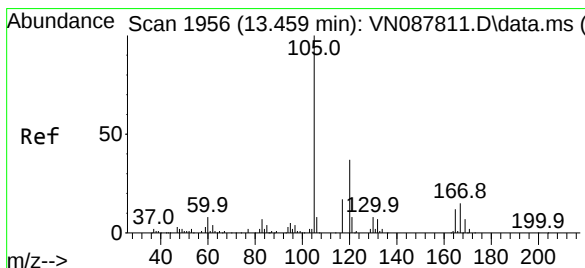
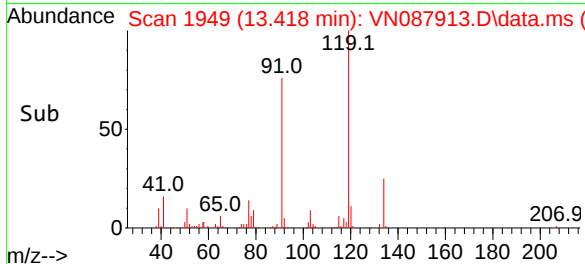
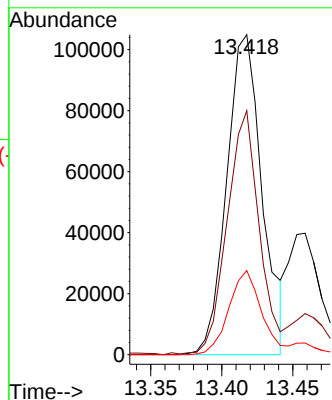
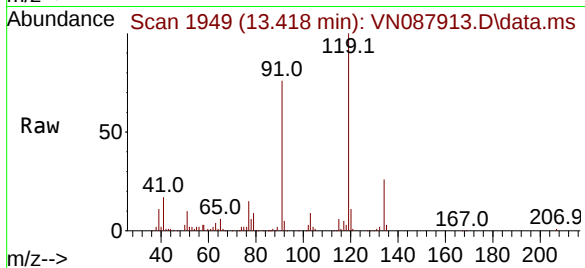
Tgt Ion:119 Resp: 182120

Ion Ratio Lower Upper

119 100

91 68.3 0.0 142.6

134 24.4 0.0 47.2



#80

1,2,4-Trimethylbenzene

Concen: 19.573 ug/l

RT: 13.459 min Scan# 1956

Delta R.T. -0.000 min

Lab File: VN087913.D

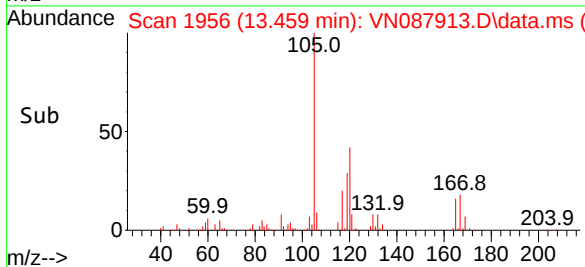
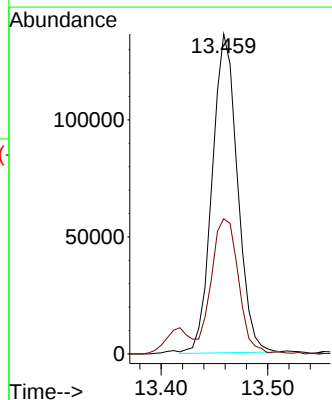
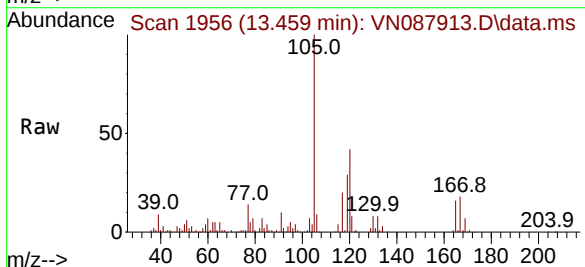
Acq: 22 Sep 2025 10:57

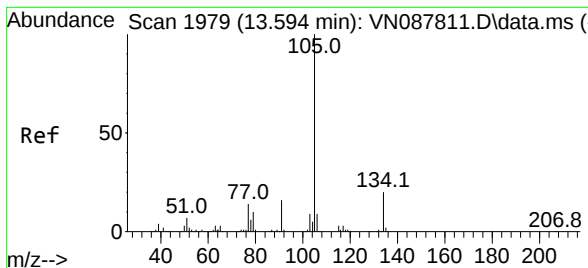
Tgt Ion:105 Resp: 224582

Ion Ratio Lower Upper

105 100

120 44.8 0.0 86.6

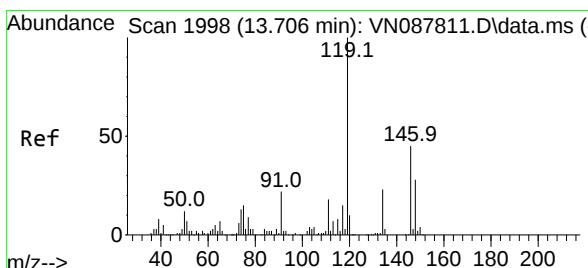
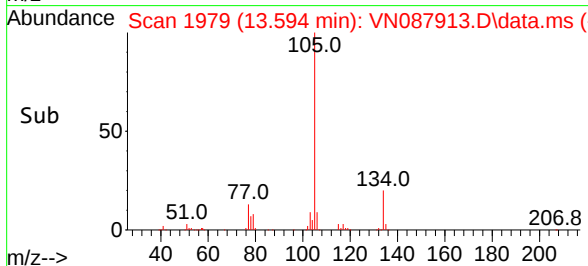
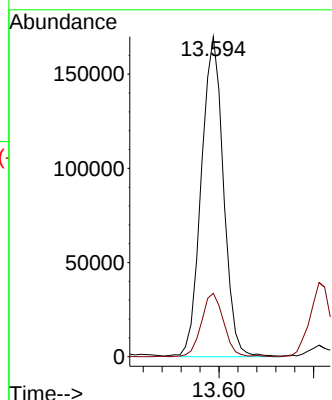
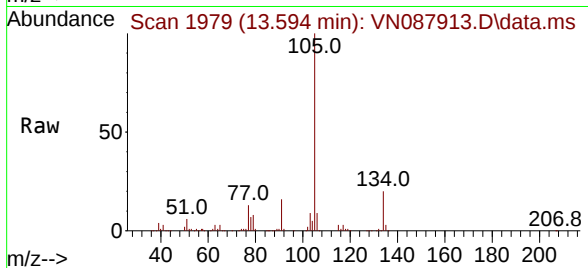




#81
 sec-Butylbenzene
 Concen: 19.944 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN087913.D
 Acq: 22 Sep 2025 10:57

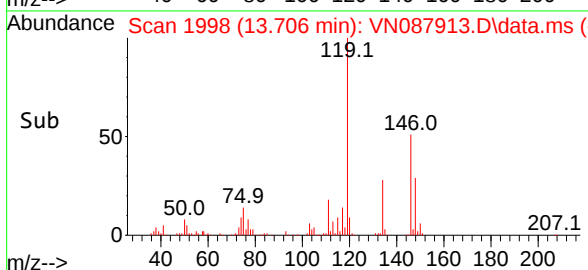
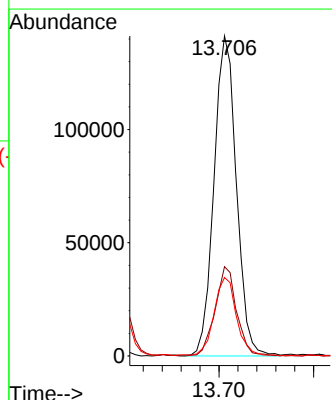
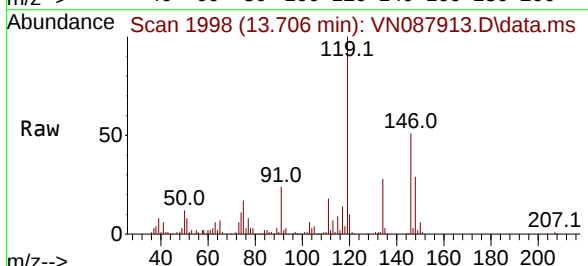
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0922WBS01

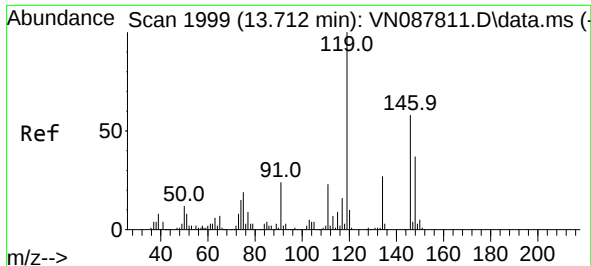
Tgt Ion:105 Resp: 274953
 Ion Ratio Lower Upper
 105 100
 134 19.8 0.0 37.0



#82
 p-Isopropyltoluene
 Concen: 20.463 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087913.D
 Acq: 22 Sep 2025 10:57

Tgt Ion:119 Resp: 232439
 Ion Ratio Lower Upper
 119 100
 134 26.8 0.0 49.4
 91 23.7 0.0 52.2

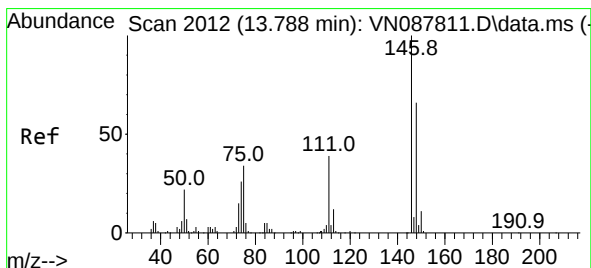
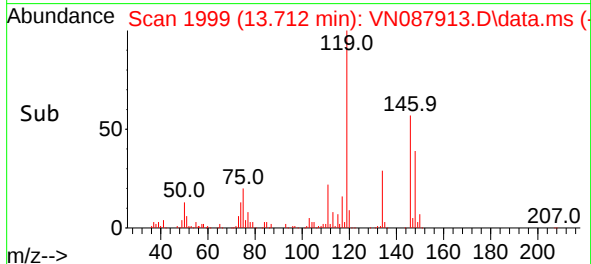
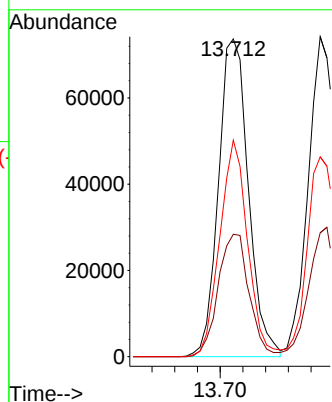
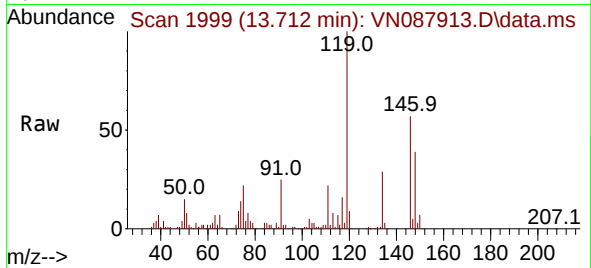




#83
1,3-Dichlorobenzene
Concen: 21.546 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

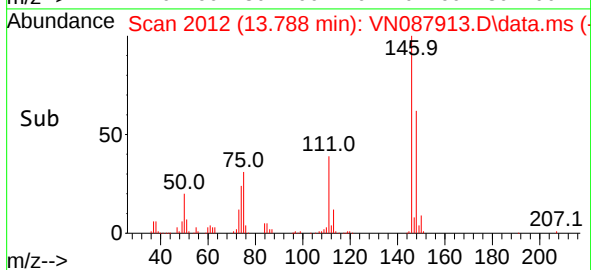
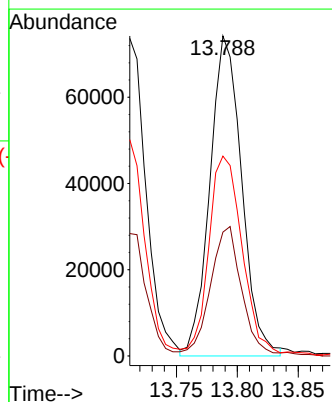
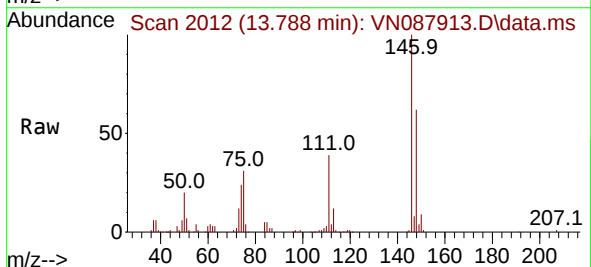
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

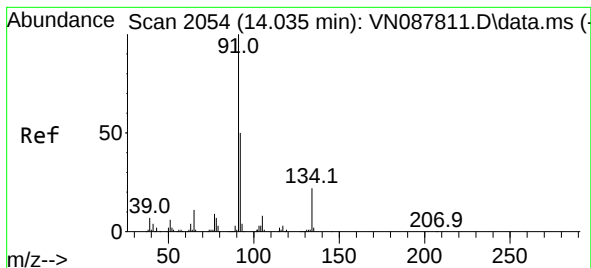
Tgt Ion:146 Resp: 134692
Ion Ratio Lower Upper
146 100
111 39.9 21.1 63.4
148 63.6 31.0 93.0



#84
1,4-Dichlorobenzene
Concen: 21.545 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

Tgt Ion:146 Resp: 134999
Ion Ratio Lower Upper
146 100
111 39.6 20.2 60.5
148 65.5 31.5 94.5





#85

n-Butylbenzene

Concen: 19.622 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. -0.000 min

Lab File: VN087913.D

Acq: 22 Sep 2025 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBS01

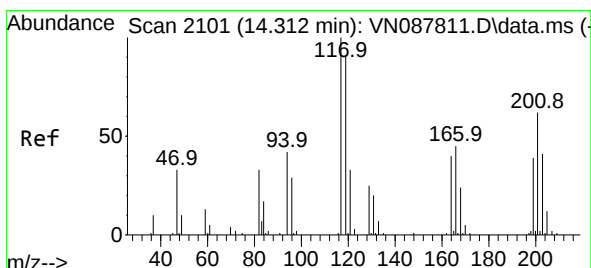
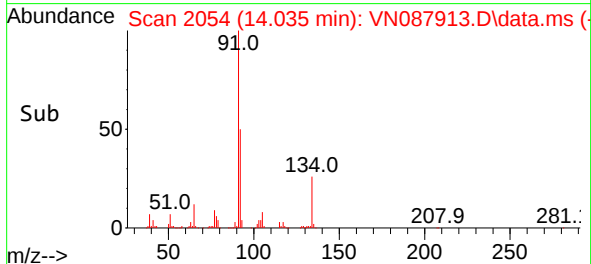
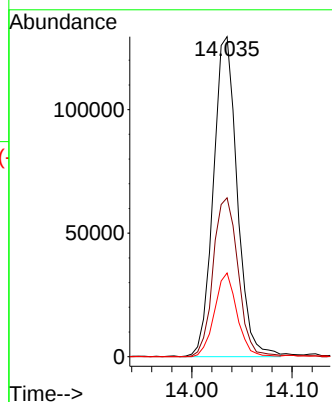
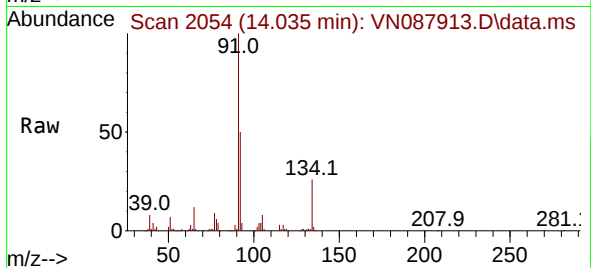
Tgt Ion: 91 Resp: 214243

Ion Ratio Lower Upper

91 100

92 52.0 0.0 104.0

134 24.7 0.0 46.0



#86

Hexachloroethane

Concen: 21.780 ug/l

RT: 14.312 min Scan# 2101

Delta R.T. -0.000 min

Lab File: VN087913.D

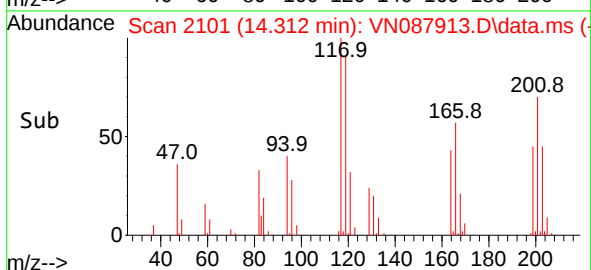
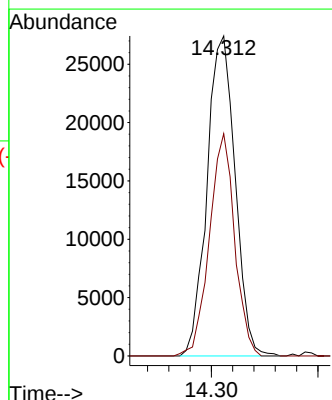
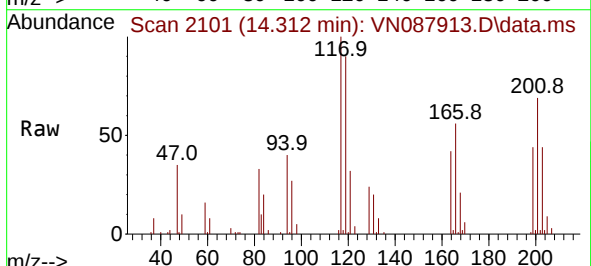
Acq: 22 Sep 2025 10:57

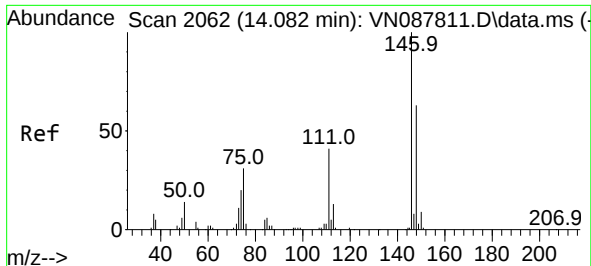
Tgt Ion: 117 Resp: 50251

Ion Ratio Lower Upper

117 100

201 62.3 29.9 89.7

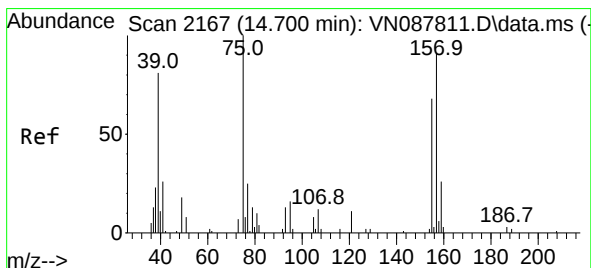
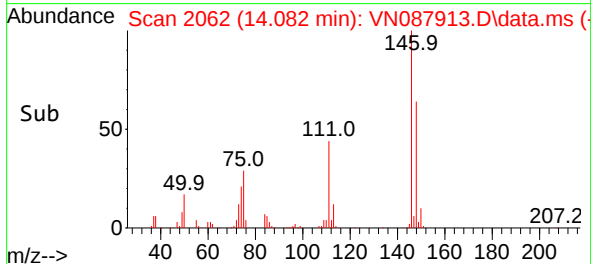
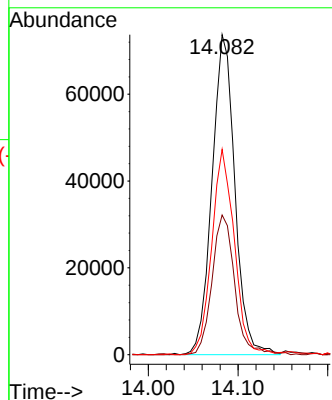
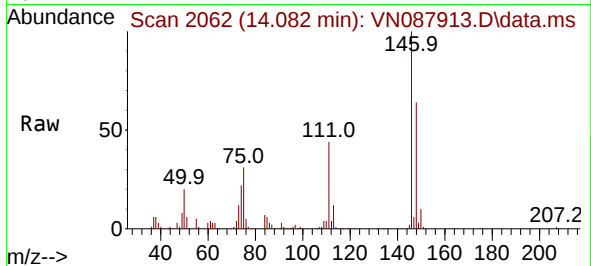




#87
1,2-Dichlorobenzene
Concen: 22.126 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

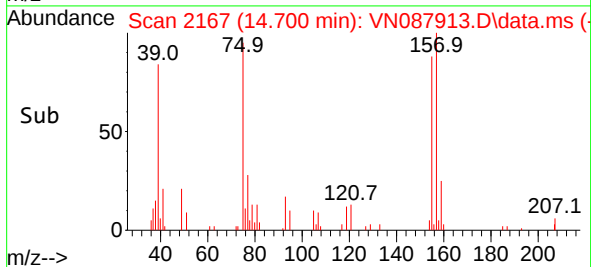
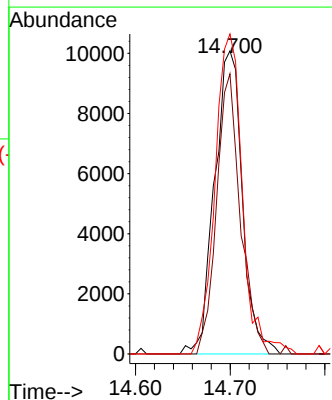
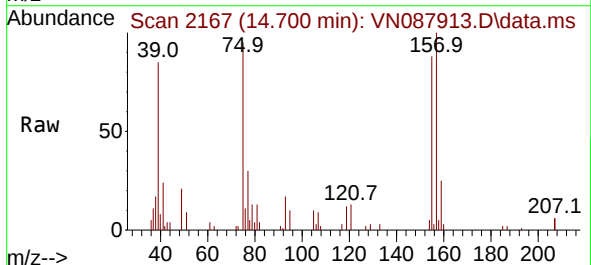
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

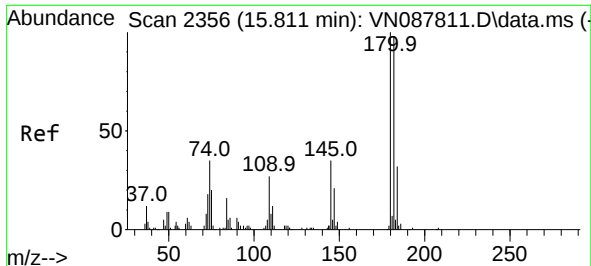
Tgt Ion:146 Resp: 130451
Ion Ratio Lower Upper
146 100
111 41.6 21.5 64.5
148 62.7 33.4 100.1



#88
1,2-Dibromo-3-Chloropropane
Concen: 19.460 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.006 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

Tgt Ion: 75 Resp: 20575
Ion Ratio Lower Upper
75 100
155 79.3 53.0 79.4
157 100.9 72.2 108.4

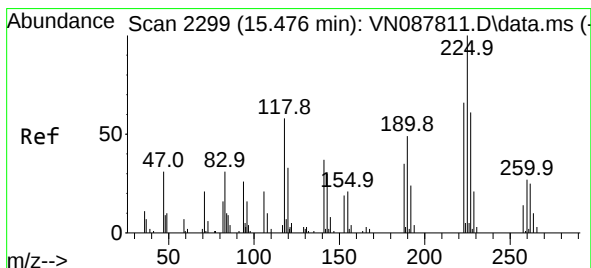
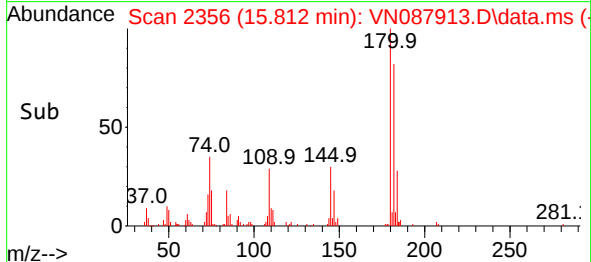
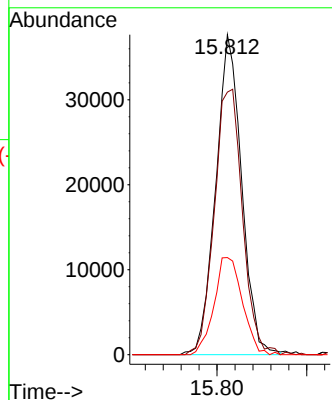
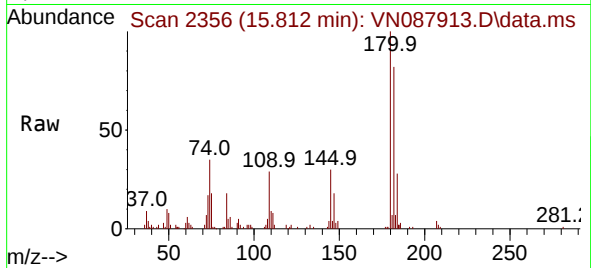




#89
1,2,4-Trichlorobenzene
Concen: 22.472 ug/l
RT: 15.812 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

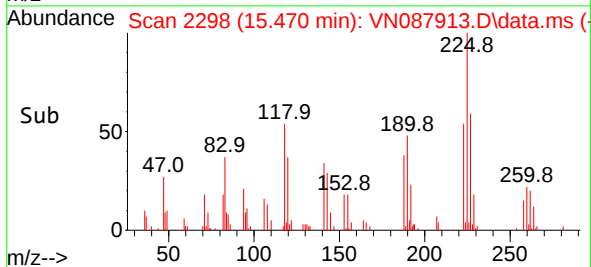
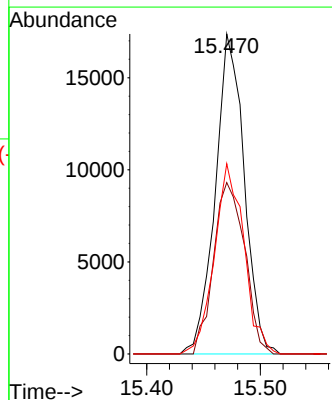
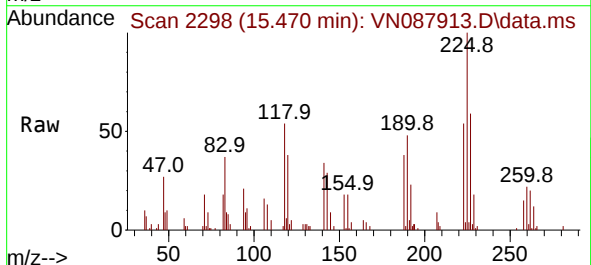
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

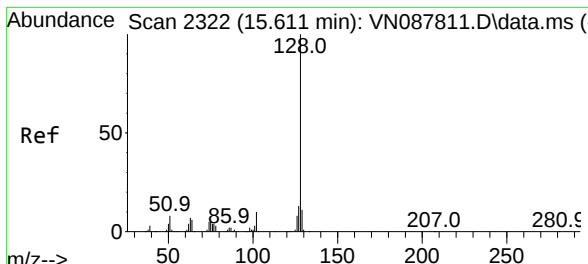
Tgt Ion:180 Resp: 75355
Ion Ratio Lower Upper
180 100
182 89.4 74.6 111.8
145 33.2 27.4 41.0



#90
Hexachlorobutadiene
Concen: 27.367 ug/l
RT: 15.470 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

Tgt Ion:225 Resp: 30765
Ion Ratio Lower Upper
225 100
223 57.6 0.0 118.2
227 60.7 0.0 139.0

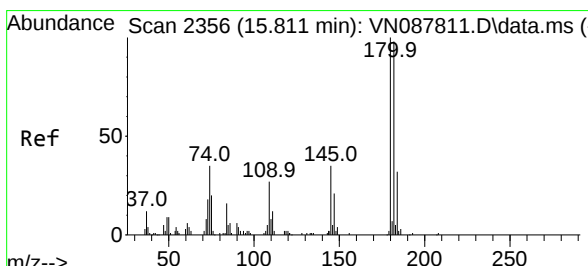
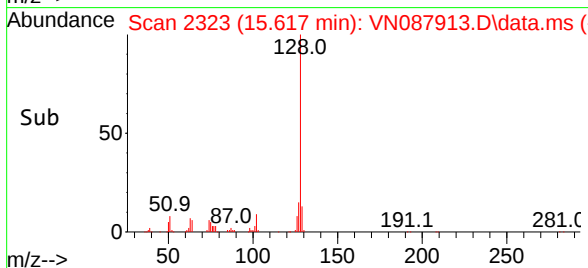
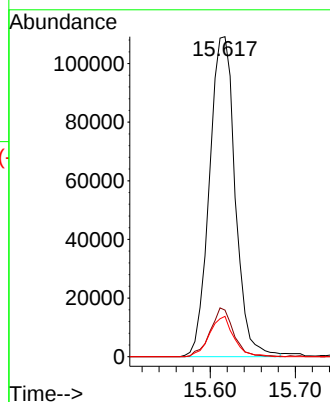
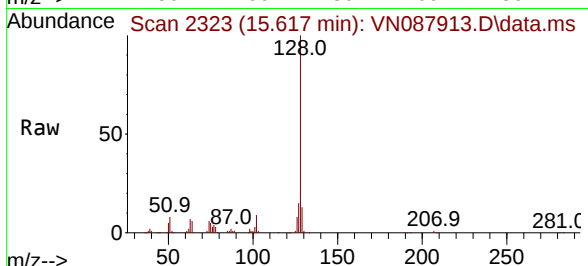




#91
Naphthalene
Concen: 18.613 ug/l
RT: 15.617 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

Tgt Ion:	128	Resp:	229779
Ion Ratio	Lower	Upper	
128	100		
127	13.7	10.2	15.4
129	11.8	8.3	12.5



#92
1,2,3-Trichlorobenzene
Concen: 22.472 ug/l
RT: 15.812 min Scan# 2356
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

Tgt Ion:	180	Resp:	75355
Ion Ratio	Lower	Upper	
180	100		
182	89.4	0.0	186.4
145	33.2	0.0	68.4

