

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
 Data File : VN087926.D
 Acq On : 23 Sep 2025 10:15
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 24 04:48:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 04:45:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	254576	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	459281	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	454459	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	250450	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	222035	51.825	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.660%	
35) Dibromofluoromethane	8.147	113	170968	51.270	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.540%	
50) Toluene-d8	10.547	98	621058	52.961	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.920%	
62) 4-Bromofluorobenzene	12.829	95	218627	52.158	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 104.320%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.142	85	133988	45.447	ug/l	100
3) Chloromethane	2.383	50	135318	44.826	ug/l	100
4) Vinyl Chloride	2.536	62	140827	45.727	ug/l	100
5) Bromomethane	2.971	94	81343	42.604	ug/l	100
6) Chloroethane	3.136	64	90403	45.146	ug/l	100
7) Trichlorofluoromethane	3.512	101	224857	44.843	ug/l	100
8) Diethyl Ether	3.965	74	86217	45.512	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	120911	45.623	ug/l	100
10) Methyl Iodide	4.583	142	117736	49.360	ug/l	100
11) Tert butyl alcohol	5.518	59	137080	222.139	ug/l	100
12) 1,1-Dichloroethene	4.330	96	119621	44.733	ug/l	100
13) Acrolein	4.177	56	152801	192.981	ug/l	100
14) Allyl chloride	5.012	41	193562	44.461	ug/l	100
15) Acrylonitrile	5.706	53	443203	228.967	ug/l	100
16) Acetone	4.424	43	379293	213.856	ug/l	100
17) Carbon Disulfide	4.706	76	378095	45.253	ug/l	100
18) Methyl Acetate	5.012	43	206999	46.922	ug/l	100
19) Methyl tert-butyl Ether	5.783	73	485562	46.482	ug/l	100
20) Methylene Chloride	5.265	84	158103	44.311	ug/l	100
21) trans-1,2-Dichloroethene	5.771	96	145042	44.244	ug/l	100
22) Diisopropyl ether	6.659	45	464786	45.733	ug/l	100
23) Vinyl Acetate	6.589	43	2185646	255.421	ug/l	100
24) 1,1-Dichloroethane	6.553	63	269051	45.314	ug/l	100
25) 2-Butanone	7.471	43	609821	226.338	ug/l	100
26) 2,2-Dichloropropane	7.477	77	237294	44.982	ug/l	100
27) cis-1,2-Dichloroethene	7.471	96	175636	45.028	ug/l	100
28) Bromochloromethane	7.794	49	168545	52.246	ug/l	100
29) Tetrahydrofuran	7.824	42	395920	229.492	ug/l	100
30) Chloroform	7.947	83	291394	44.884	ug/l	100
31) Cyclohexane	8.241	56	210496	43.814	ug/l	100
32) 1,1,1-Trichloroethane	8.147	97	243908	44.463	ug/l	100
36) 1,1-Dichloropropene	8.353	75	187383	46.732	ug/l	100
37) Ethyl Acetate	7.547	43	245980	46.716	ug/l	100
38) Carbon Tetrachloride	8.341	117	211771	46.026	ug/l	100
39) Methylcyclohexane	9.577	83	204121	46.146	ug/l	100
40) Benzene	8.588	78	621393	46.804	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	132245	48.599	ug/l	100
42) 1,2-Dichloroethane	8.653	62	222149	44.838	ug/l	100
43) Isopropyl Acetate	8.671	43	383082	46.221	ug/l	100
44) Trichloroethene	9.335	130	144464	45.554	ug/l	100
45) 1,2-Dichloropropane	9.600	63	152778	45.892	ug/l	100
46) Dibromomethane	9.688	93	119379	45.445	ug/l	100
47) Bromodichloromethane	9.871	83	239213	46.428	ug/l	100
48) Methyl methacrylate	9.665	41	178460	46.496	ug/l	100
49) 1,4-Dioxane	9.677	88	51757	912.802	ug/l	100
51) 4-Methyl-2-Pentanone	10.424	43	1234001	238.604	ug/l	100
52) Toluene	10.612	92	389268	46.724	ug/l	100
53) t-1,3-Dichloropropene	10.818	75	242702	46.026	ug/l	100
54) cis-1,3-Dichloropropene	10.294	75	249831	45.616	ug/l	100
55) 1,1,2-Trichloroethane	10.994	97	155665	45.952	ug/l	100
56) Ethyl methacrylate	10.853	69	236371	48.290	ug/l	100
57) 1,3-Dichloropropane	11.141	76	260217	46.703	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	503361	218.716	ug/l	100
59) 2-Hexanone	11.176	43	846472	247.530	ug/l	100
60) Dibromochloromethane	11.335	129	184637	46.357	ug/l	100
61) 1,2-Dibromoethane	11.447	107	166047	46.302	ug/l	100
64) Tetrachloroethene	11.082	164	126588	45.728	ug/l	100
65) Chlorobenzene	11.871	112	432322	44.702	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.935	131	158774	45.525	ug/l	100
67) Ethyl Benzene	11.941	91	727479	45.080	ug/l	100
68) m/p-Xylenes	12.047	106	578820	93.784	ug/l	100
69) o-Xylene	12.376	106	271677	45.817	ug/l	100
70) Styrene	12.388	104	483179	47.446	ug/l	100
71) Bromoform	12.559	173	129687	45.833	ug/l	100
73) Isopropylbenzene	12.670	105	702353	45.248	ug/l	100
74) N-amyl acetate	12.500	43	98330	21.267	ug/l #	55
75) 1,1,2,2-Tetrachloroethane	12.912	83	245260	43.853	ug/l	100
76) 1,2,3-Trichloropropane	12.970	75	309739	62.347	ug/l	62
77) Bromobenzene	12.959	156	179418	43.443	ug/l	100
78) n-propylbenzene	13.012	91	868436	44.749	ug/l	100
79) 2-Chlorotoluene	13.100	91	521993	44.174	ug/l	100
80) 1,3,5-Trimethylbenzene	13.147	105	601032	44.765	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.718	75	77199	43.422	ug/l	100
82) 4-Chlorotoluene	13.200	91	537514	45.143	ug/l	100
83) tert-Butylbenzene	13.412	119	515745	45.383	ug/l	100
84) 1,2,4-Trimethylbenzene	13.459	105	629687	45.724	ug/l	100
85) sec-Butylbenzene	13.594	105	752465	45.162	ug/l	100
86) p-Isopropyltoluene	13.706	119	640667	45.400	ug/l	100
87) 1,3-Dichlorobenzene	13.712	146	351453	43.608	ug/l	100
88) 1,4-Dichlorobenzene	13.788	146	353807	42.717	ug/l	100
89) n-Butylbenzene	14.029	91	594156	44.552	ug/l	100
90) Hexachloroethane	14.312	117	126396	42.879	ug/l	100
91) 1,2-Dichlorobenzene	14.082	146	339824	43.744	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.694	75	55187	42.468	ug/l	100
93) 1,2,4-Trichlorobenzene	15.364	180	198112	43.192	ug/l	100
94) Hexachlorobutadiene	15.470	225	73457	43.512	ug/l	100
95) Naphthalene	15.611	128	651337	44.238	ug/l	100
96) 1,2,3-Trichlorobenzene	15.811	180	196179	43.995	ug/l	100

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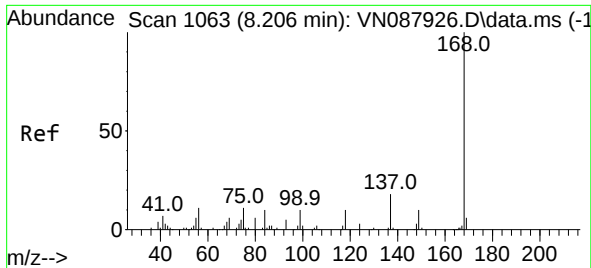
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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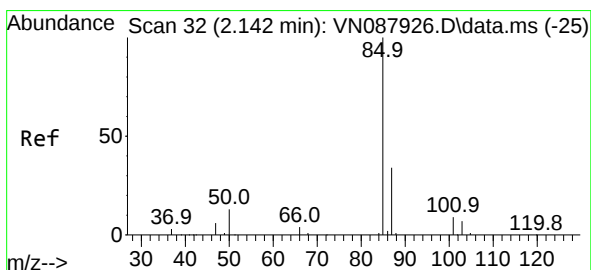
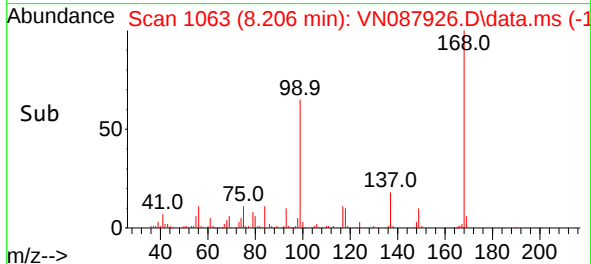
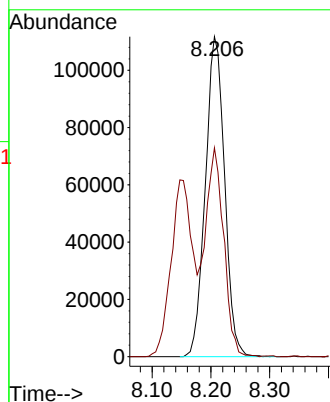
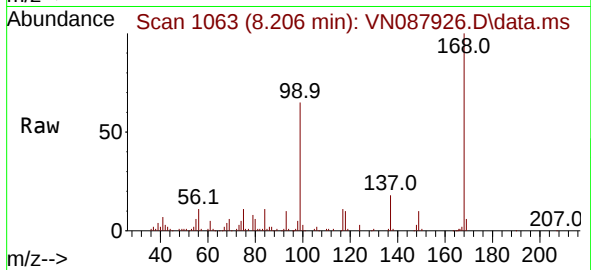




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
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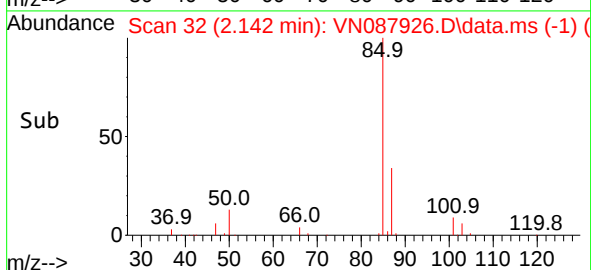
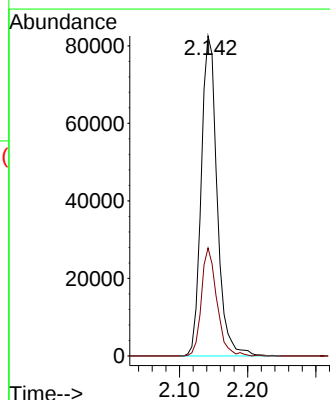
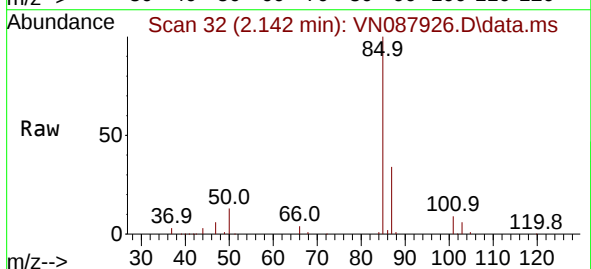
Instrument :
MSVOA_N
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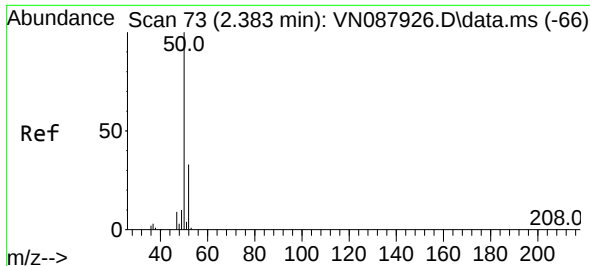
Tgt Ion:168 Resp: 254576
Ion Ratio Lower Upper
168 100
99 65.2 52.2 78.2



#2
Dichlorodifluoromethane
Concen: 45.447 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087926.D
Acq: 23 Sep 2025 10:15

Tgt Ion: 85 Resp: 133988
Ion Ratio Lower Upper
85 100
87 33.7 16.9 50.6

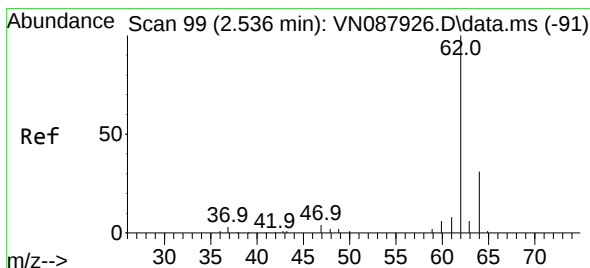
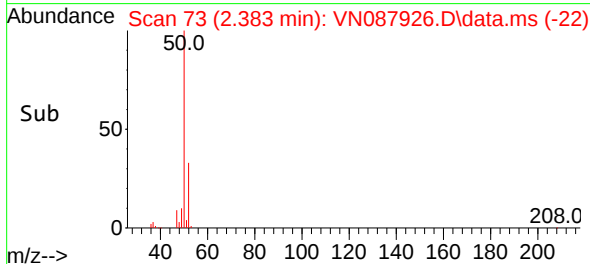
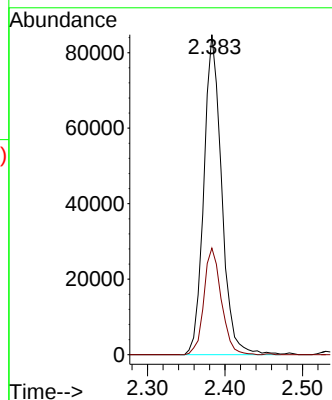
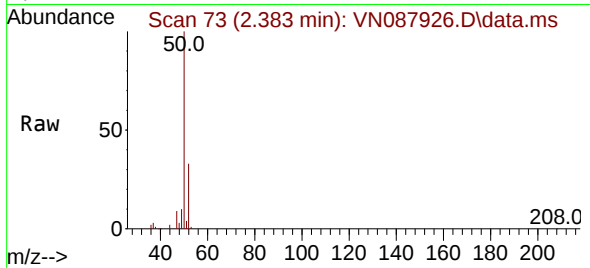




#3
Chloromethane
Concen: 44.826 ug/l
RT: 2.383 min Scan# 73
Delta R.T. 0.000 min
Lab File: VN087926.D
Acq: 23 Sep 2025 10:15

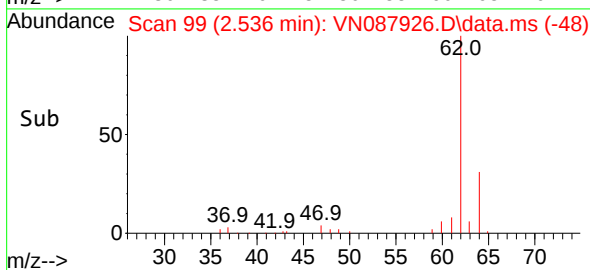
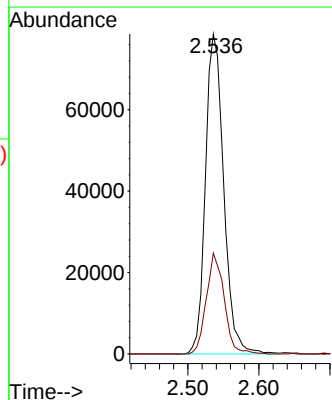
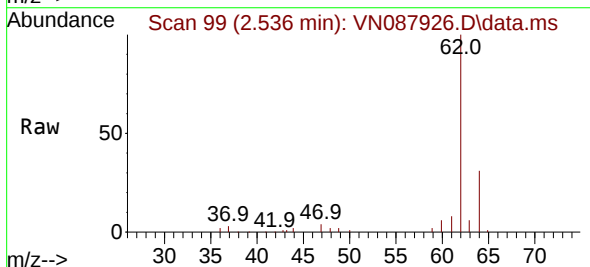
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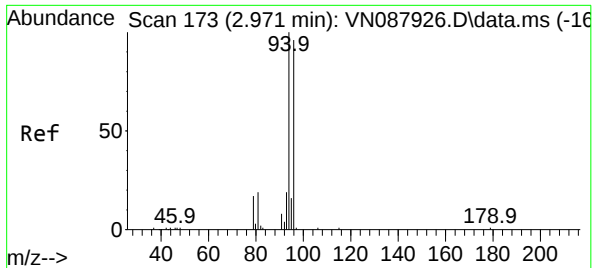
Tgt Ion: 50 Resp: 135318
Ion Ratio Lower Upper
50 100
52 33.3 26.6 40.0



#4
Vinyl Chloride
Concen: 45.727 ug/l
RT: 2.536 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN087926.D
Acq: 23 Sep 2025 10:15

Tgt Ion: 62 Resp: 140827
Ion Ratio Lower Upper
62 100
64 31.5 25.2 37.8

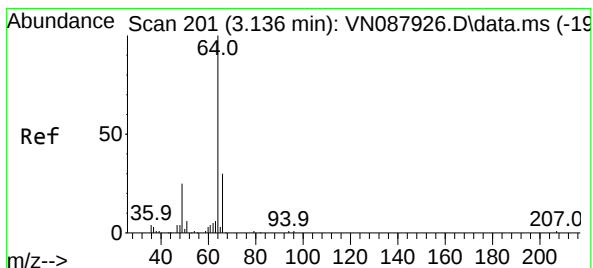
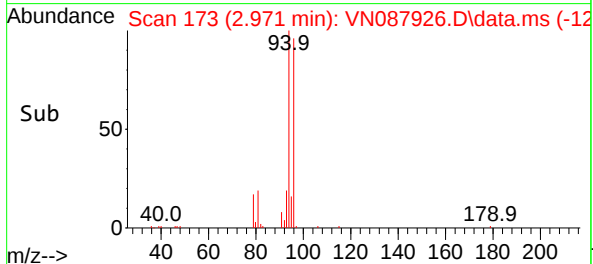
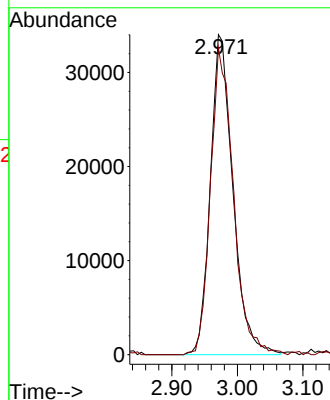
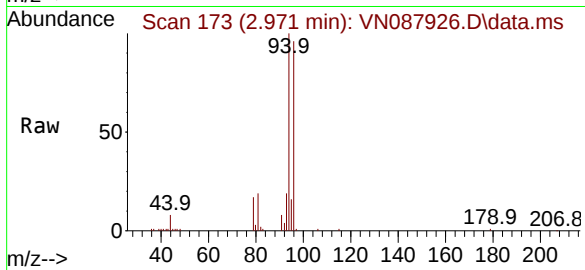




#5
Bromomethane
Concen: 42.604 ug/l
RT: 2.971 min Scan# 173
Delta R.T. 0.000 min
Lab File: VN087926.D
Acq: 23 Sep 2025 10:15

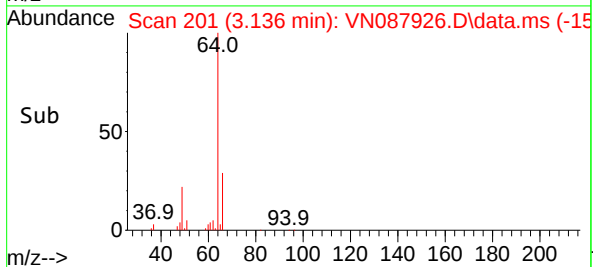
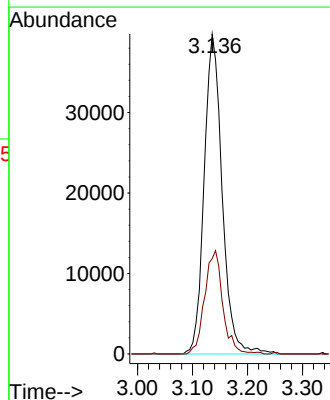
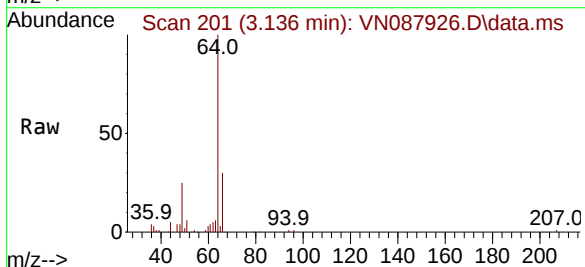
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 94 Resp: 81343
Ion Ratio Lower Upper
94 100
96 96.0 76.8 115.2



#6
Chloroethane
Concen: 45.146 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.000 min
Lab File: VN087926.D
Acq: 23 Sep 2025 10:15

Tgt Ion: 64 Resp: 90403
Ion Ratio Lower Upper
64 100
66 29.8 23.8 35.8

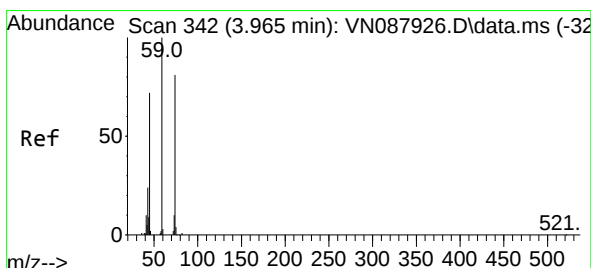
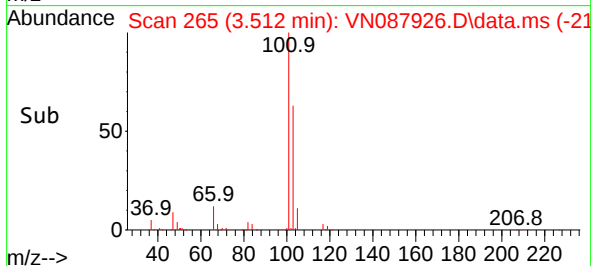
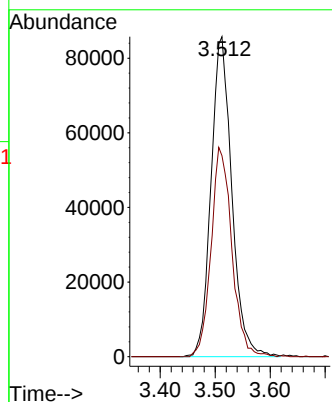
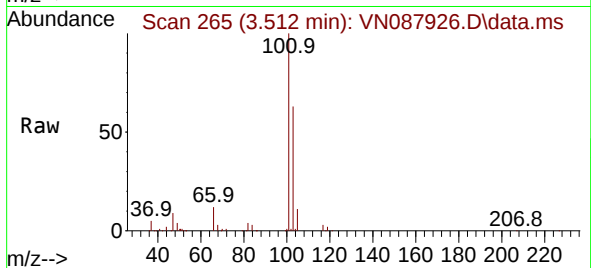




#7
 Trichlorofluoromethane
 Concen: 44.843 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN087926.D
 Acq: 23 Sep 2025 10:15

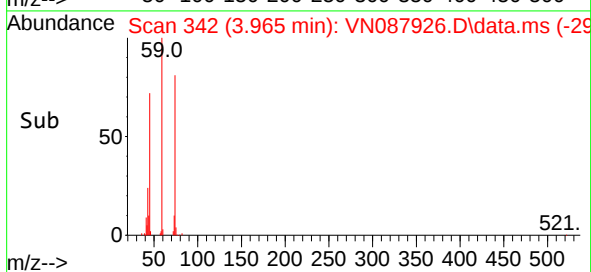
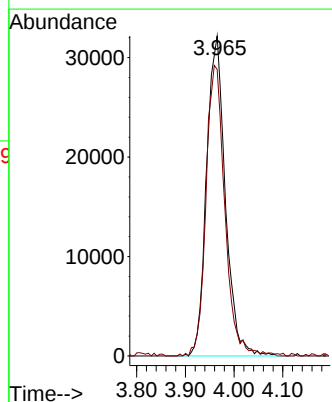
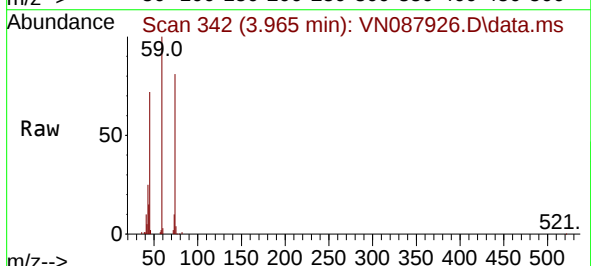
Instrument :
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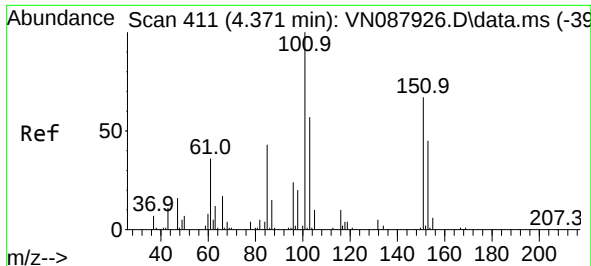
Tgt Ion:101 Resp: 224857
 Ion Ratio Lower Upper
 101 100
 103 62.8 50.2 75.4



#8
 Diethyl Ether
 Concen: 45.512 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VN087926.D
 Acq: 23 Sep 2025 10:15

Tgt Ion: 74 Resp: 86217
 Ion Ratio Lower Upper
 74 100
 45 90.7 45.4 136.1

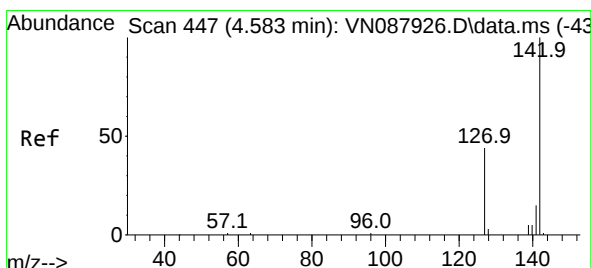
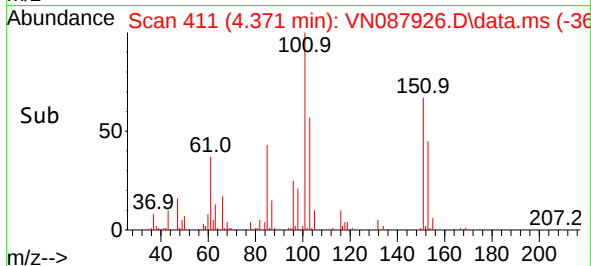
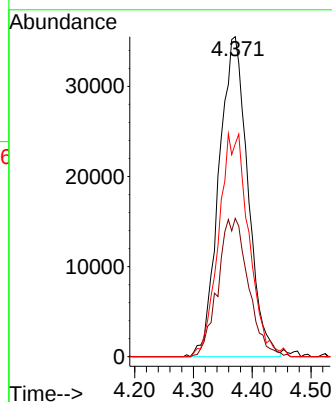
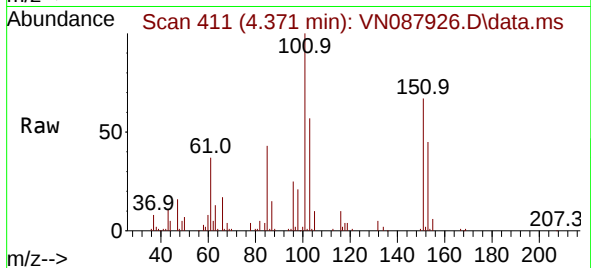




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.623 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN087926.D
Acq: 23 Sep 2025 10:15

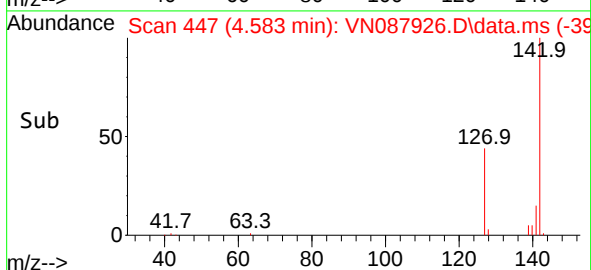
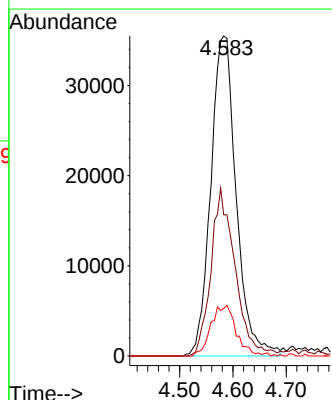
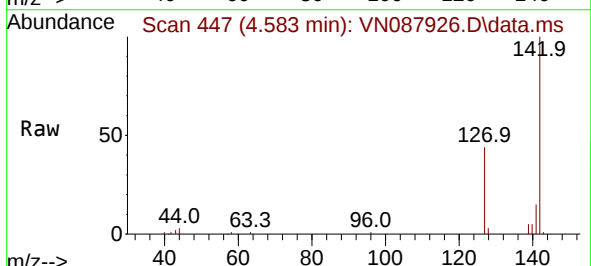
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MSVOA_N
ClientSampleId :

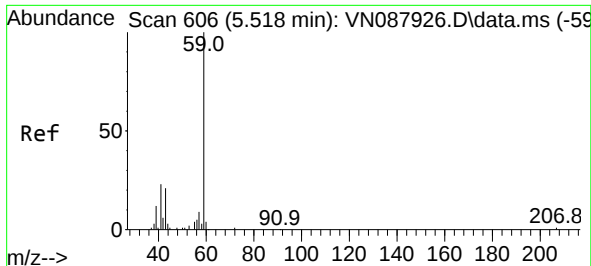
Tgt Ion:101 Resp: 120911
Ion Ratio Lower Upper
101 100
85 45.6 36.5 54.7
151 73.2 58.6 87.8



#10
Methyl Iodide
Concen: 49.360 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.000 min
Lab File: VN087926.D
Acq: 23 Sep 2025 10:15

Tgt Ion:142 Resp: 117736
Ion Ratio Lower Upper
142 100
127 44.1 35.3 52.9
141 14.8 11.8 17.8

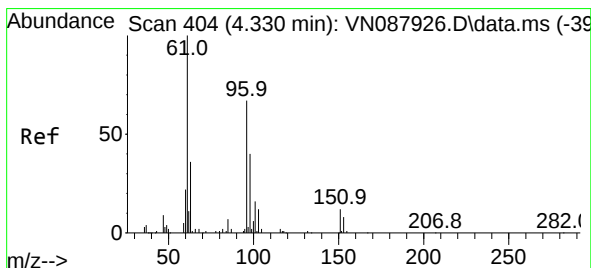
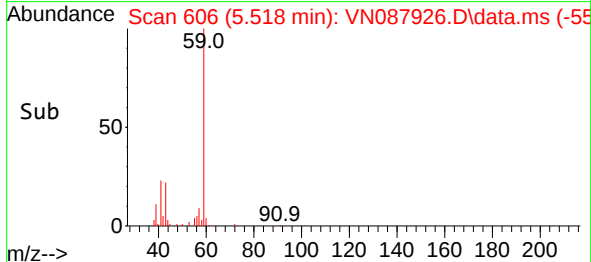
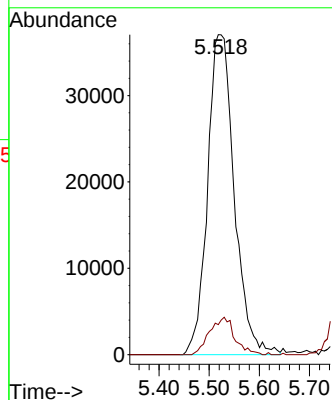
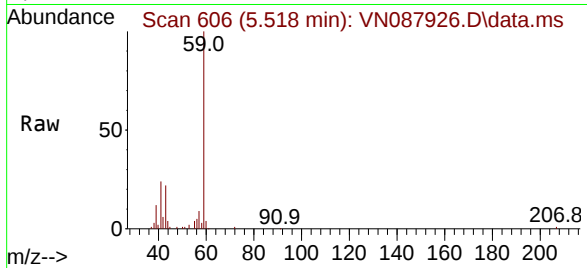




#11
Tert butyl alcohol
Concen: 222.139 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN087926.D
Acq: 23 Sep 2025 10:15

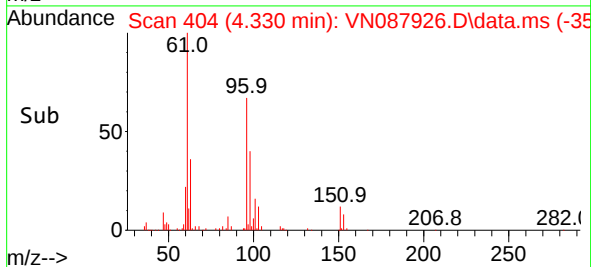
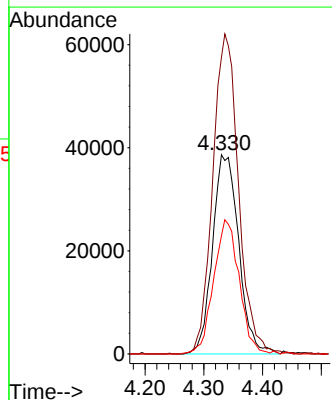
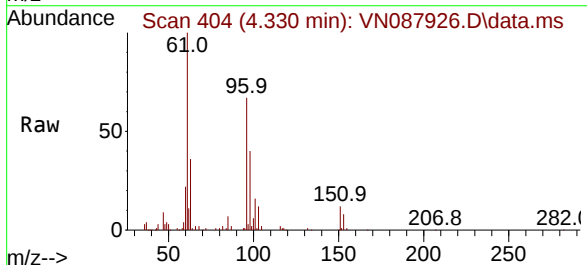
Instrument :
MSVOA_N
ClientSampleId :

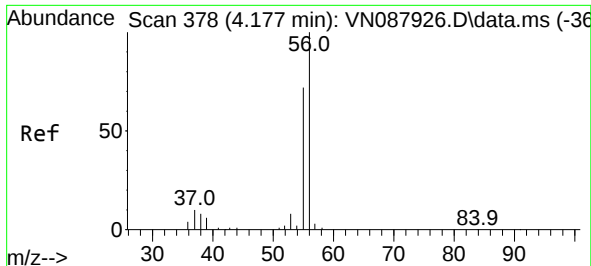
Tgt Ion: 59 Resp: 137080
Ion Ratio Lower Upper
59 100
57 11.0 8.8 13.2



#12
1,1-Dichloroethene
Concen: 44.733 ug/l
RT: 4.330 min Scan# 404
Delta R.T. 0.000 min
Lab File: VN087926.D
Acq: 23 Sep 2025 10:15

Tgt Ion: 96 Resp: 119621
Ion Ratio Lower Upper
96 100
61 149.0 119.2 178.8
98 59.4 47.5 71.3





#13

Acrolein

Concen: 192.981 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN087926.D

Acq: 23 Sep 2025 10:15

Instrument :

MSVOA_N

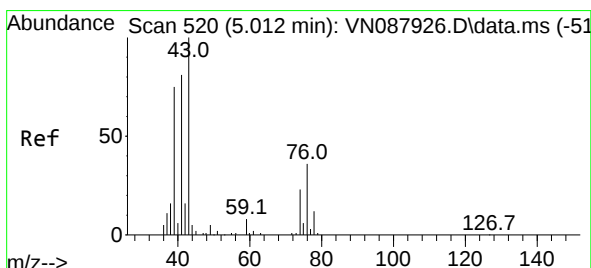
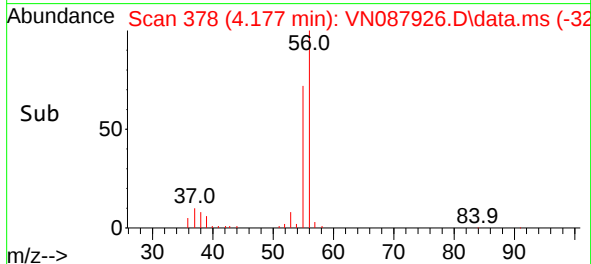
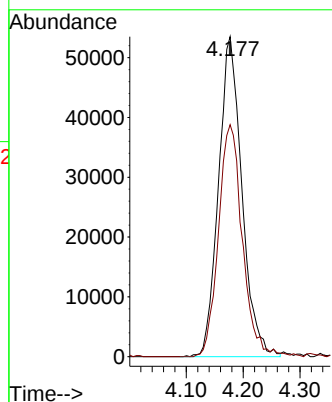
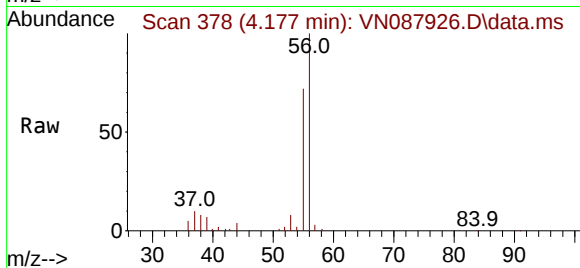
ClientSampleId :

Tgt Ion: 56 Resp: 152801

Ion Ratio Lower Upper

56 100

55 74.1 59.3 88.9



#14

Allyl chloride

Concen: 44.461 ug/l

RT: 5.012 min Scan# 520

Delta R.T. 0.000 min

Lab File: VN087926.D

Acq: 23 Sep 2025 10:15

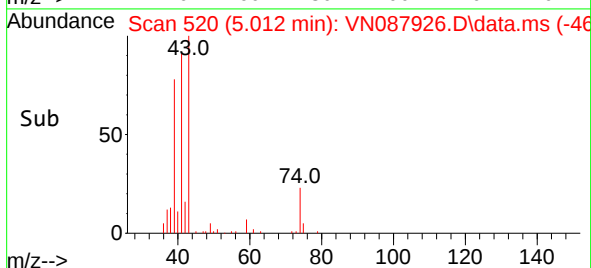
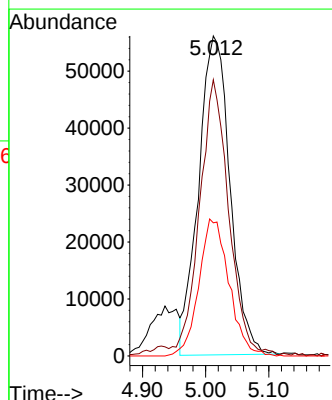
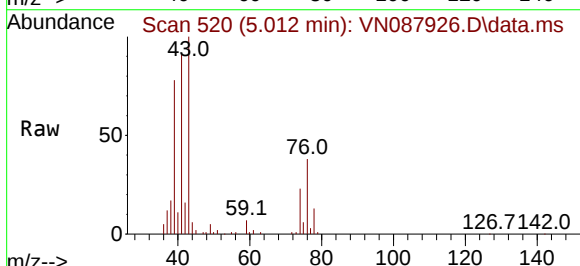
Tgt Ion: 41 Resp: 193562

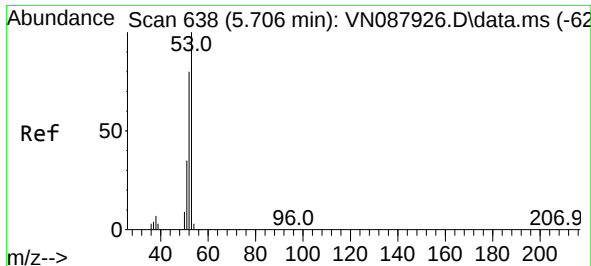
Ion Ratio Lower Upper

41 100

39 79.8 63.8 95.8

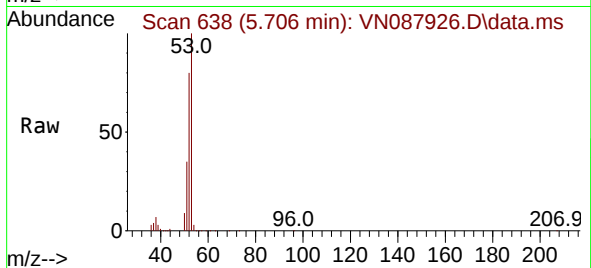
76 41.3 33.0 49.6



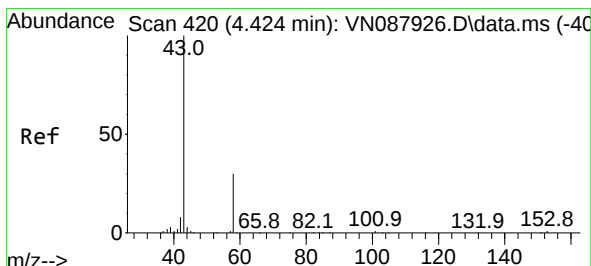
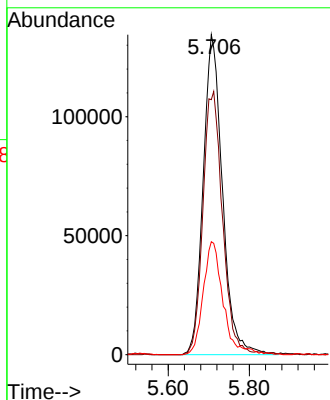
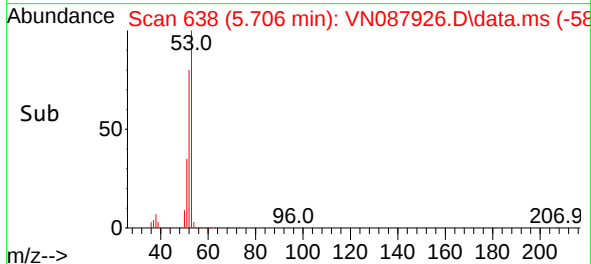


#15
Acrylonitrile
Concen: 228.967 ug/l
RT: 5.706 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087926.D
Acq: 23 Sep 2025 10:15

Instrument :
MSVOA_N
ClientSampleId :

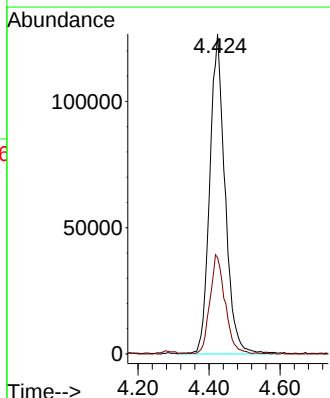
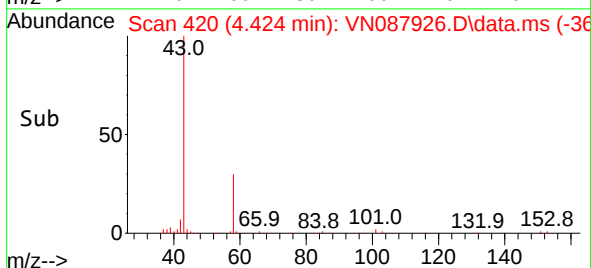
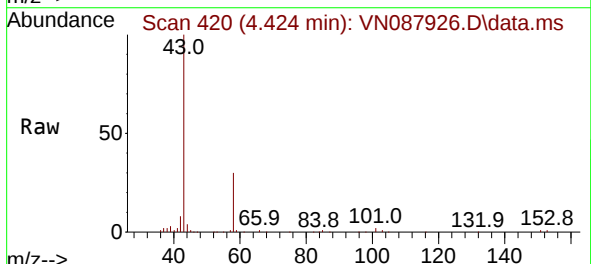


Tgt Ion: 53 Resp: 443203
Ion Ratio Lower Upper
53 100
52 83.2 66.6 99.8
51 36.2 29.0 43.4



#16
Acetone
Concen: 213.856 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087926.D
Acq: 23 Sep 2025 10:15

Tgt Ion: 43 Resp: 379293
Ion Ratio Lower Upper
43 100
58 30.1 24.1 36.1

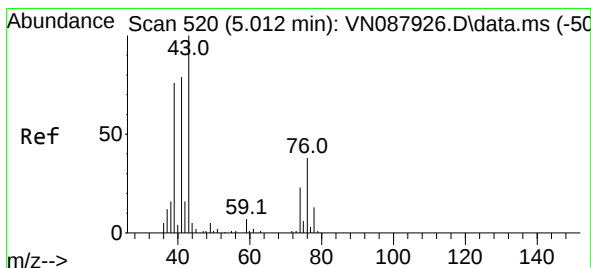
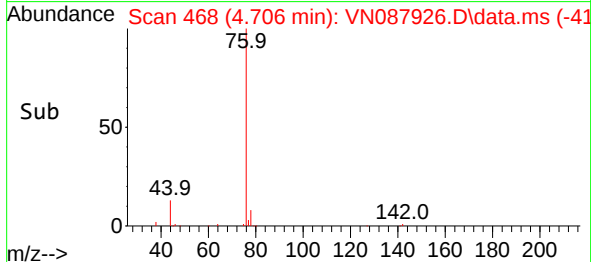
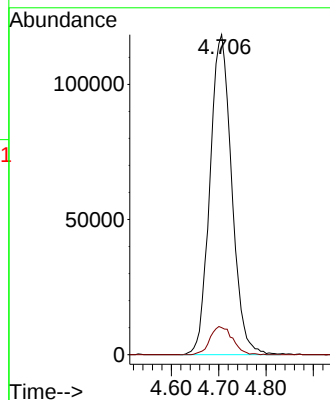
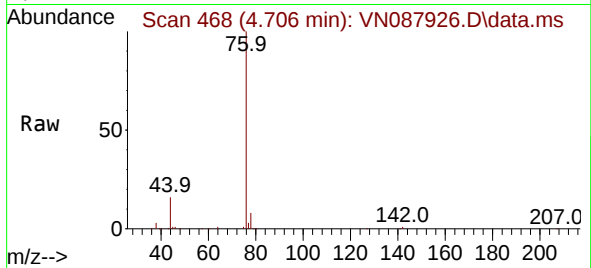




#17
Carbon Disulfide
Concen: 45.253 ug/l
RT: 4.706 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN087926.D
Acq: 23 Sep 2025 10:15

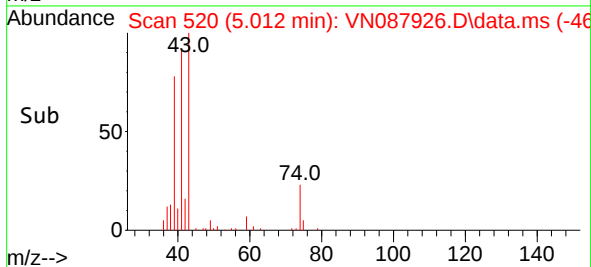
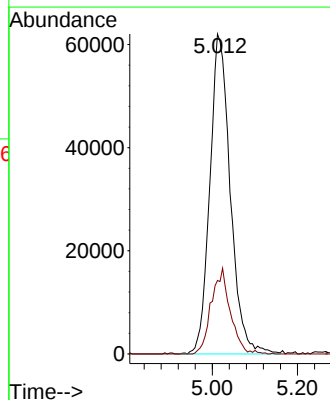
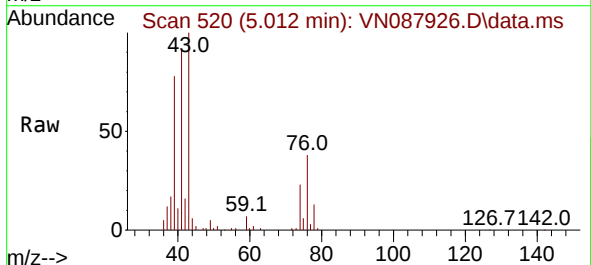
Instrument :
MSVOA_N
ClientSampleId :

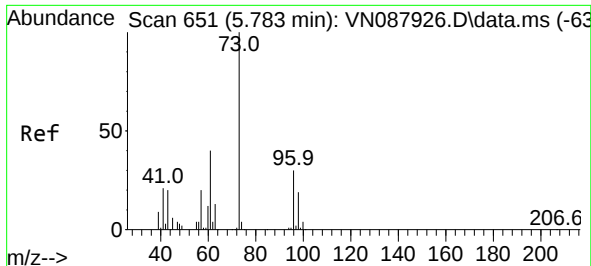
Tgt Ion: 76 Resp: 378095
Ion Ratio Lower Upper
76 100
78 8.4 6.7 10.1



#18
Methyl Acetate
Concen: 46.922 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN087926.D
Acq: 23 Sep 2025 10:15

Tgt Ion: 43 Resp: 206999
Ion Ratio Lower Upper
43 100
74 24.6 19.7 29.5

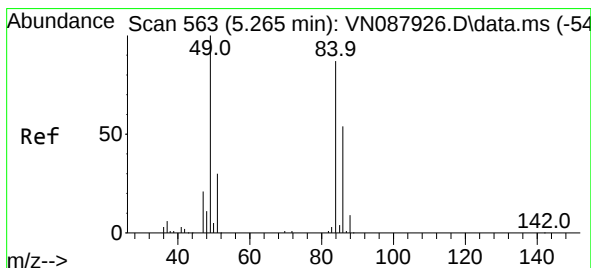
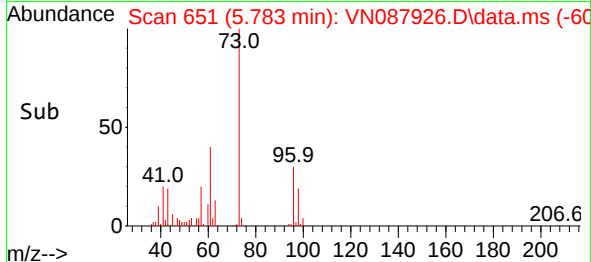
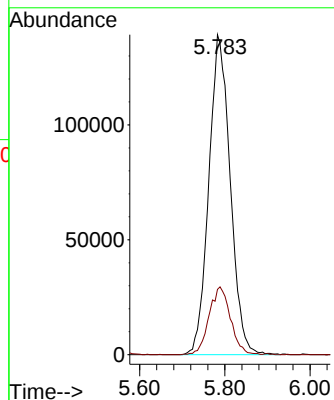
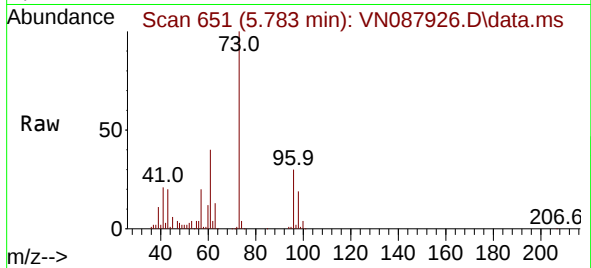




#19
Methyl tert-butyl Ether
Concen: 46.482 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN087926.D
Acq: 23 Sep 2025 10:15

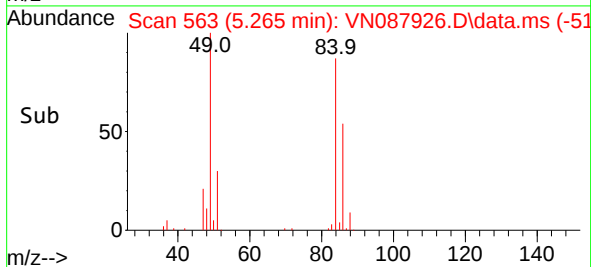
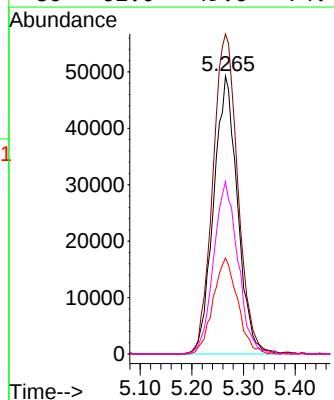
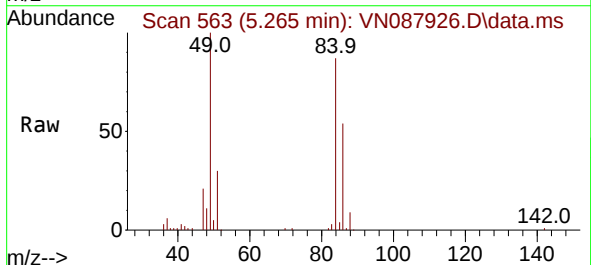
Instrument :
MSVOA_N
ClientSampleId :

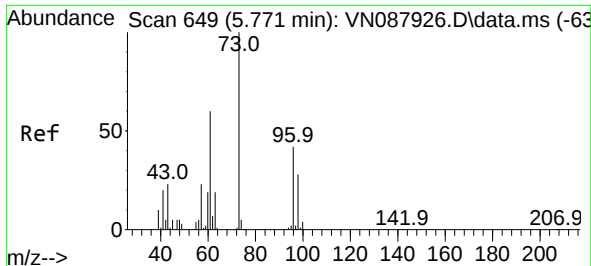
Tgt Ion: 73 Resp: 485562
Ion Ratio Lower Upper
73 100
57 20.4 16.3 24.5



#20
Methylene Chloride
Concen: 44.311 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN087926.D
Acq: 23 Sep 2025 10:15

Tgt Ion: 84 Resp: 158103
Ion Ratio Lower Upper
84 100
49 115.1 92.1 138.1
51 34.6 27.7 41.5
86 62.0 49.6 74.4

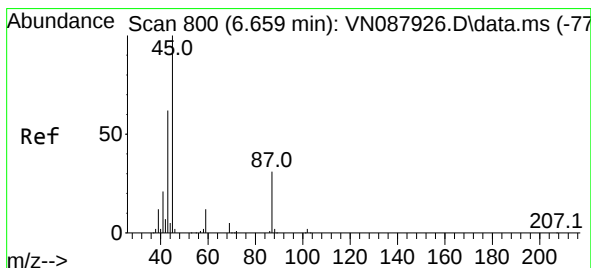
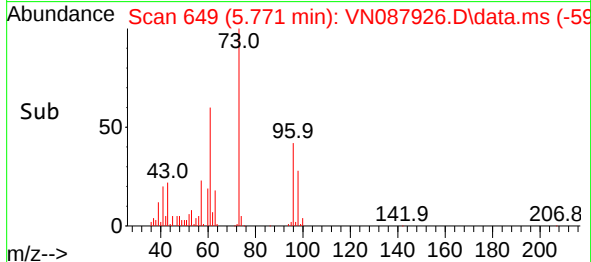
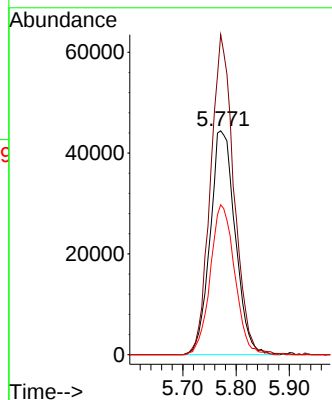
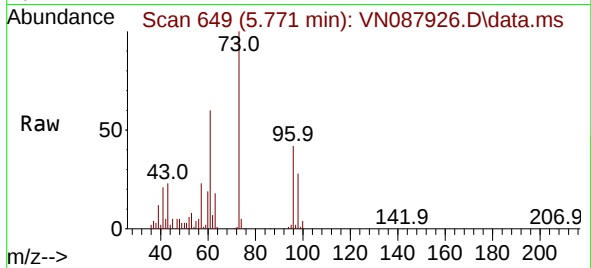




#21
trans-1,2-Dichloroethene
Concen: 44.244 ug/l
RT: 5.771 min Scan# 649
Delta R.T. 0.000 min
Lab File: VN087926.D
Acq: 23 Sep 2025 10:15

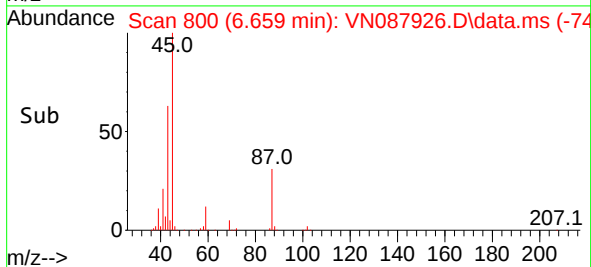
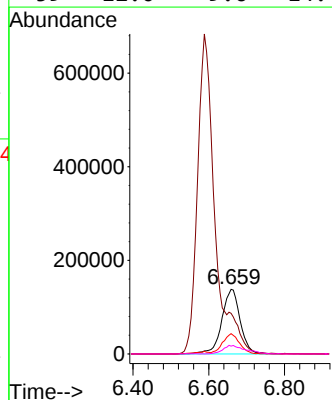
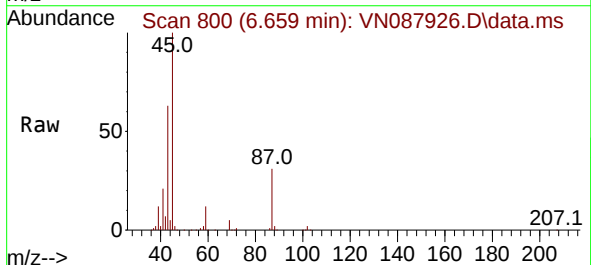
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 96 Resp: 145042
Ion Ratio Lower Upper
96 100
61 143.0 114.4 171.6
98 67.0 53.6 80.4



#22
Diisopropyl ether
Concen: 45.733 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.000 min
Lab File: VN087926.D
Acq: 23 Sep 2025 10:15

Tgt Ion: 45 Resp: 464786
Ion Ratio Lower Upper
45 100
43 62.4 49.9 74.9
87 31.5 25.2 37.8
59 12.0 9.6 14.4

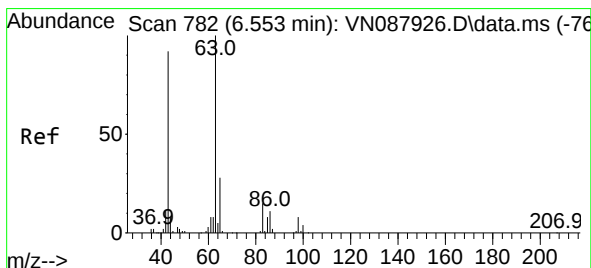
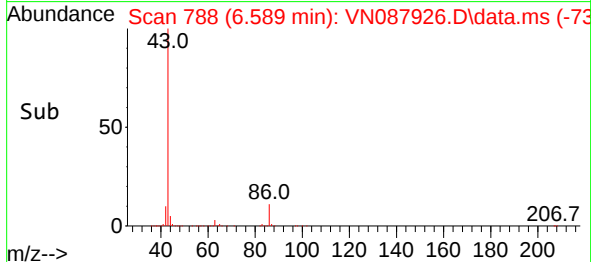
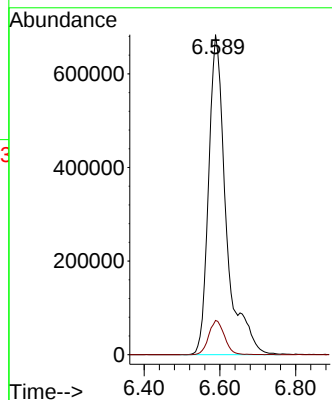
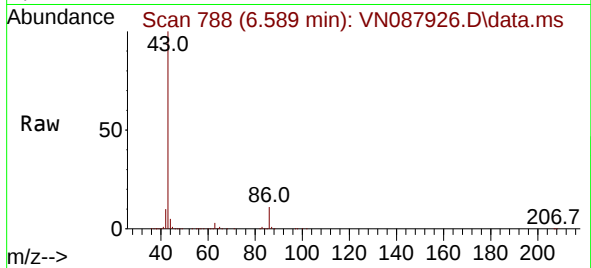




#23
 Vinyl Acetate
 Concen: 255.421 ug/l
 RT: 6.589 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VN087926.D
 Acq: 23 Sep 2025 10:15

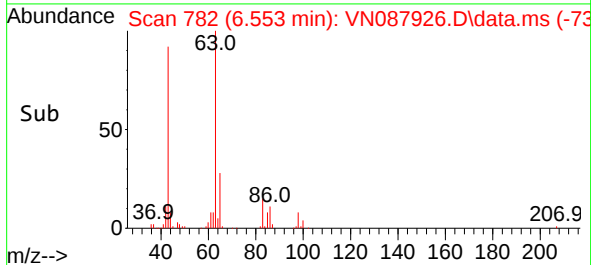
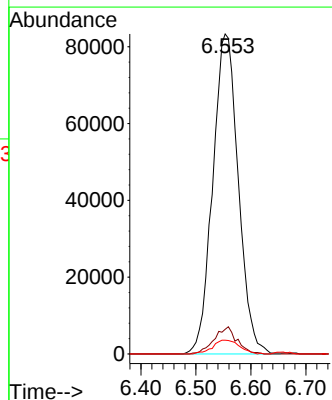
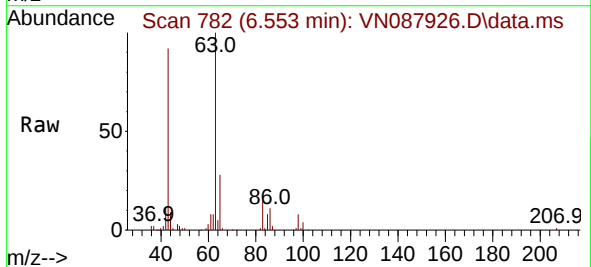
Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 43 Resp: 2185646
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 45.314 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.000 min
 Lab File: VN087926.D
 Acq: 23 Sep 2025 10:15

Tgt Ion: 63 Resp: 269051
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.9 11.5
 100 4.3 2.1 6.5

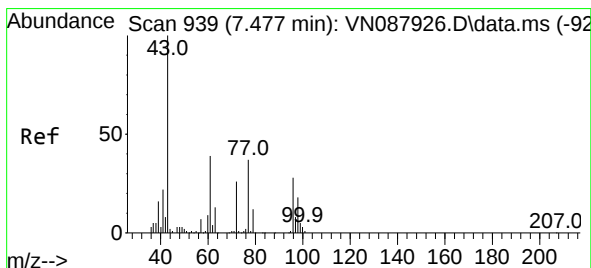
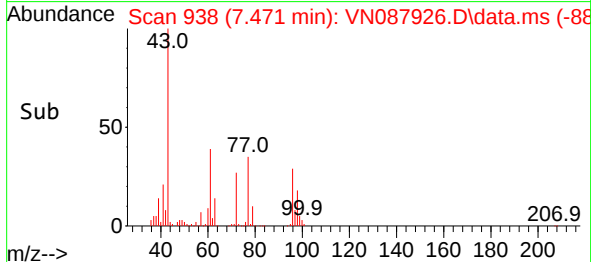
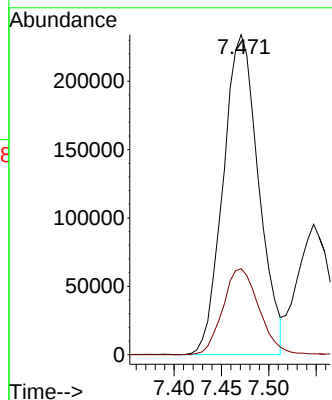
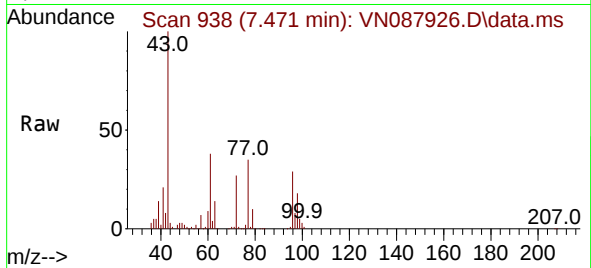




#25
2-Butanone
Concen: 226.338 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087926.D
Acq: 23 Sep 2025 10:15

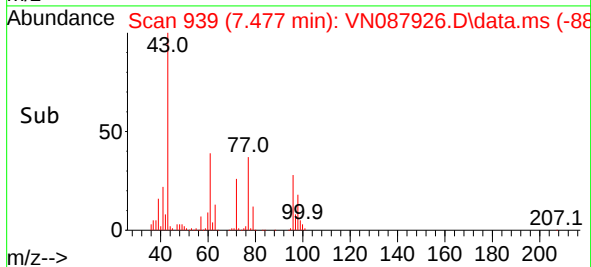
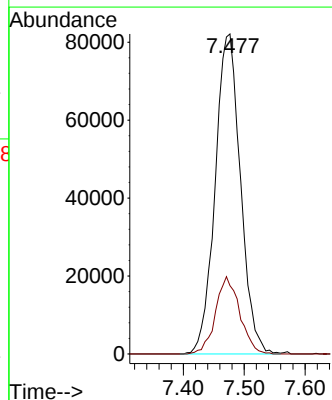
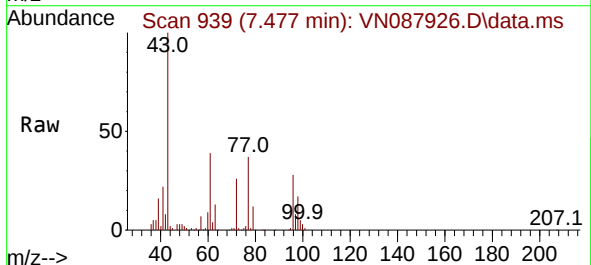
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 609821
Ion Ratio Lower Upper
43 100
72 26.9 21.5 32.3



#26
2,2-Dichloropropane
Concen: 44.982 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.000 min
Lab File: VN087926.D
Acq: 23 Sep 2025 10:15

Tgt Ion: 77 Resp: 237294
Ion Ratio Lower Upper
77 100
97 23.0 11.5 34.5

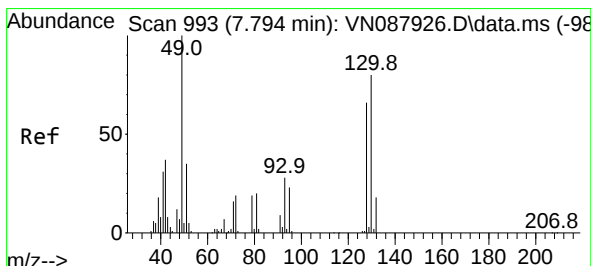
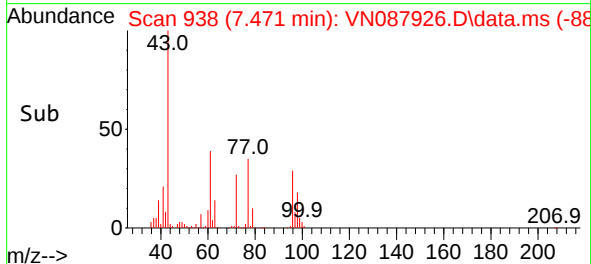
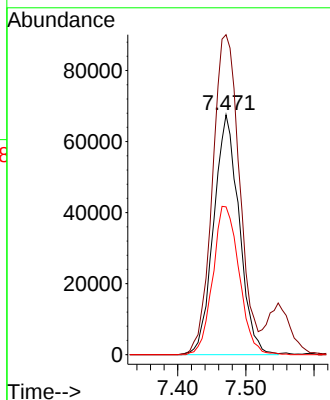
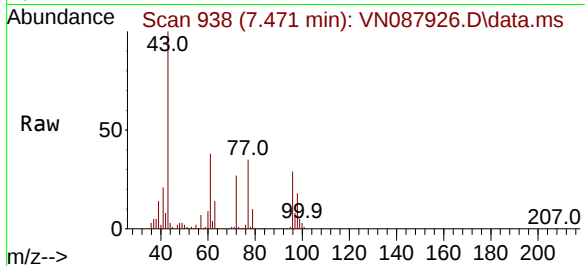




#27
 cis-1,2-Dichloroethene
 Concen: 45.028 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN087926.D
 Acq: 23 Sep 2025 10:15

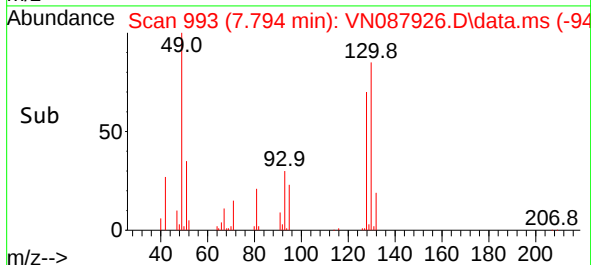
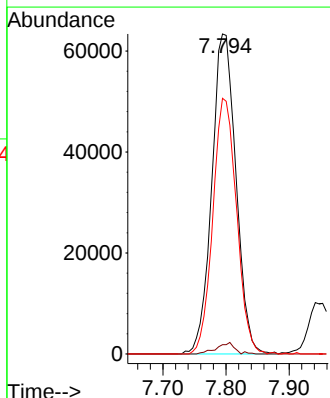
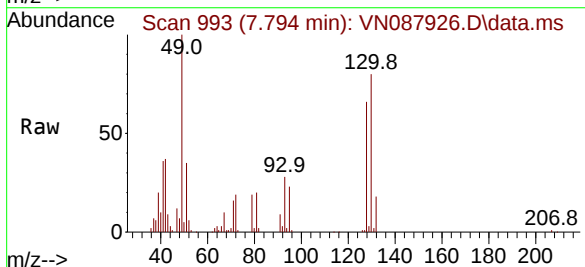
Instrument :
 MSVOA_N
 ClientSampleId :

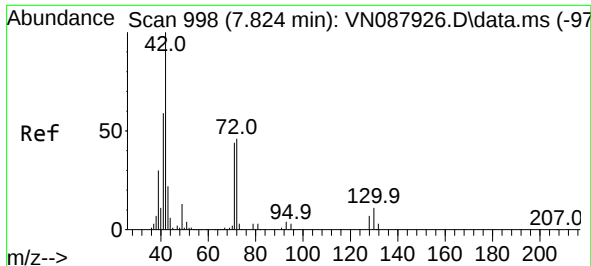
Tgt Ion: 96 Resp: 175636
 Ion Ratio Lower Upper
 96 100
 61 141.5 0.0 283.0
 98 63.8 0.0 127.6



#28
 Bromochloromethane
 Concen: 52.246 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VN087926.D
 Acq: 23 Sep 2025 10:15

Tgt Ion: 49 Resp: 168545
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 5.4
 130 78.3 62.6 94.0





#29

Tetrahydrofuran

Concen: 229.492 ug/l

RT: 7.824 min Scan# 998

Delta R.T. 0.000 min

Lab File: VN087926.D

Acq: 23 Sep 2025 10:15

Instrument :

MSVOA_N

ClientSampleId :

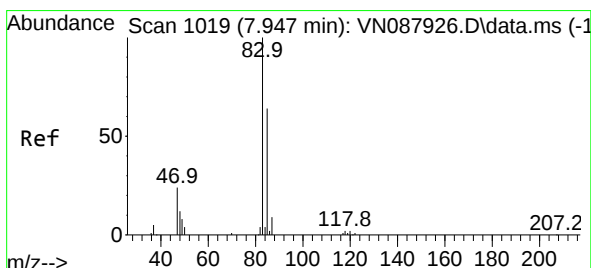
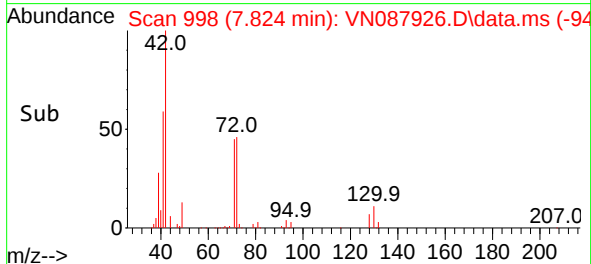
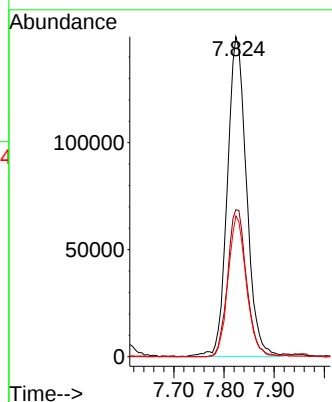
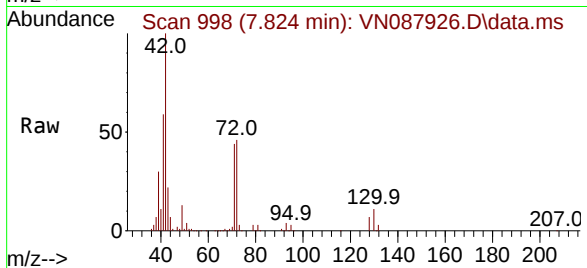
Tgt Ion: 42 Resp: 395920

Ion Ratio Lower Upper

42 100

72 45.6 36.5 54.7

71 42.3 33.8 50.8



#30

Chloroform

Concen: 44.884 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VN087926.D

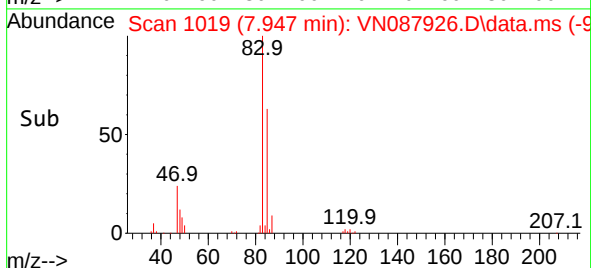
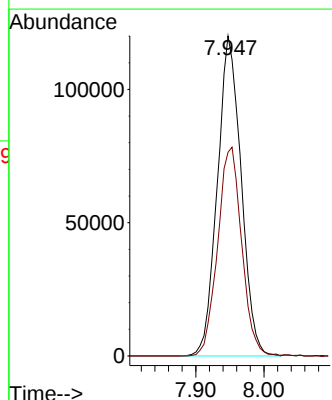
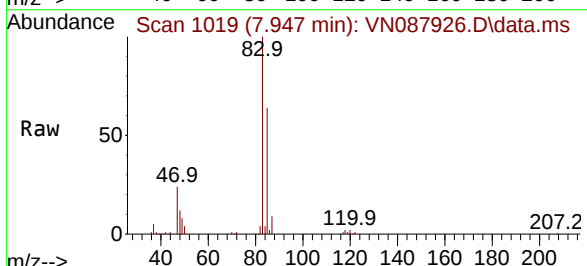
Acq: 23 Sep 2025 10:15

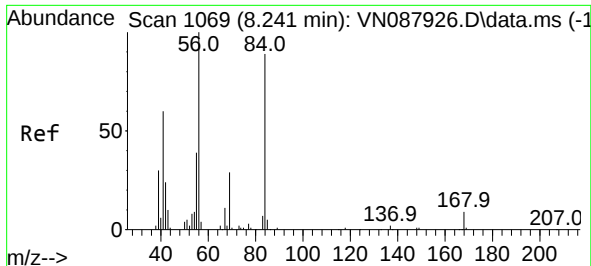
Tgt Ion: 83 Resp: 291394

Ion Ratio Lower Upper

83 100

85 63.6 50.9 76.3

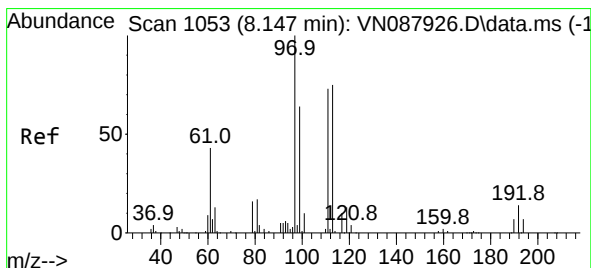
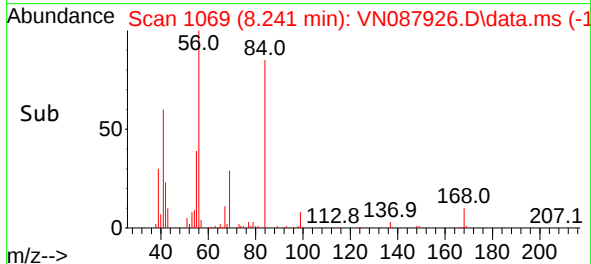
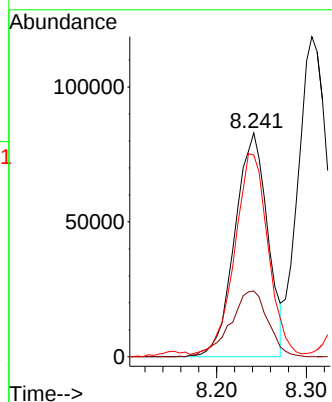
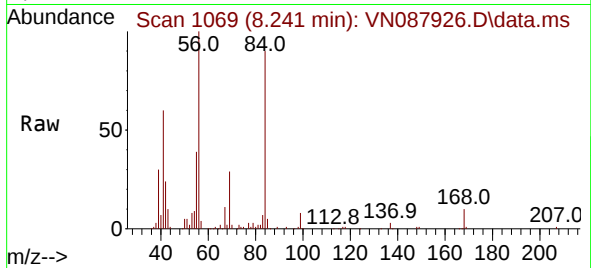




#31
Cyclohexane
Concen: 43.814 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN087926.D
Acq: 23 Sep 2025 10:15

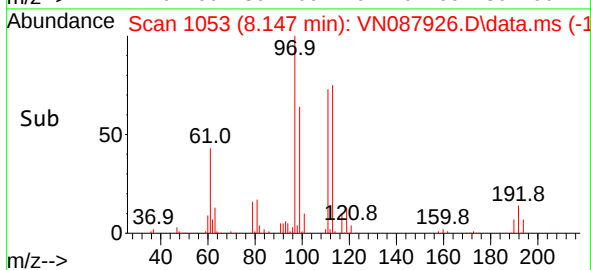
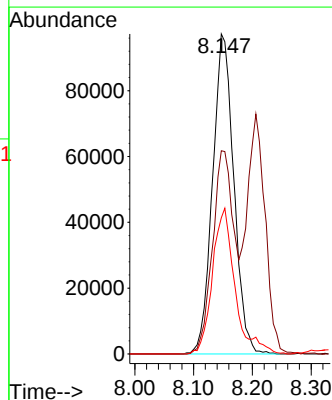
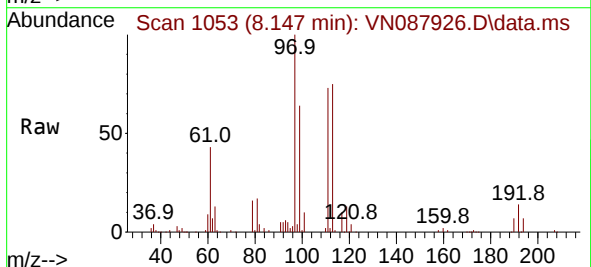
Instrument :
MSVOA_N
ClientSampleId :

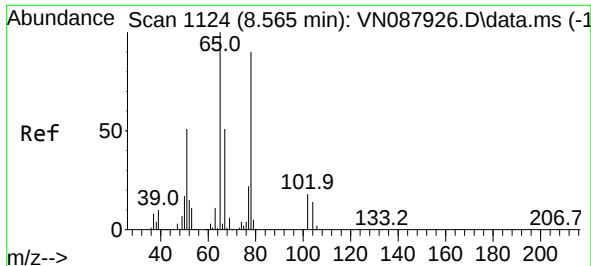
Tgt Ion: 56 Resp: 210496
Ion Ratio Lower Upper
56 100
69 29.2 23.4 35.0
84 88.5 70.8 106.2



#32
1,1,1-Trichloroethane
Concen: 44.463 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VN087926.D
Acq: 23 Sep 2025 10:15

Tgt Ion: 97 Resp: 243908
Ion Ratio Lower Upper
97 100
99 63.9 51.1 76.7
61 48.3 38.6 58.0

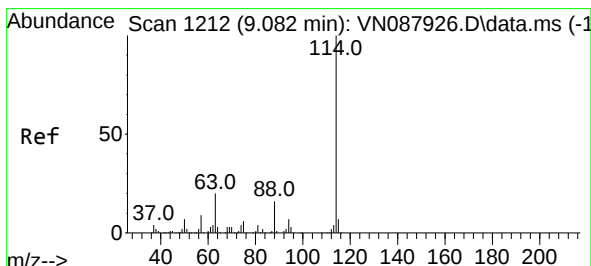
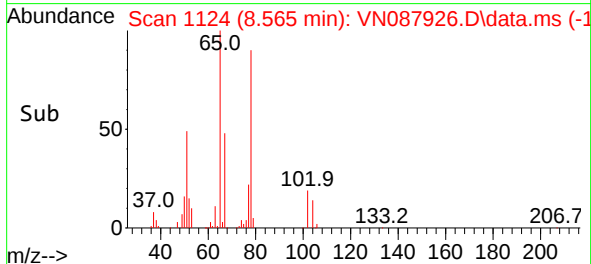
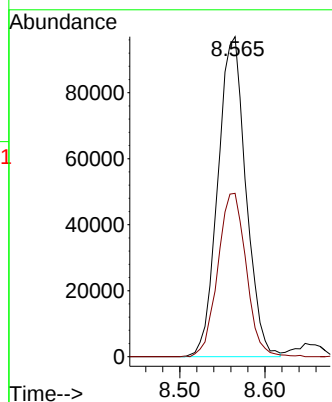
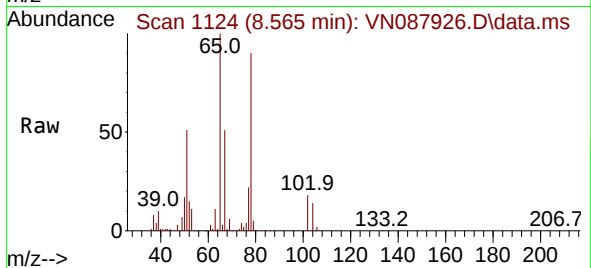




#33
1,2-Dichloroethane-d4
Concen: 51.825 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.000 min
Lab File: VN087926.D
Acq: 23 Sep 2025 10:15

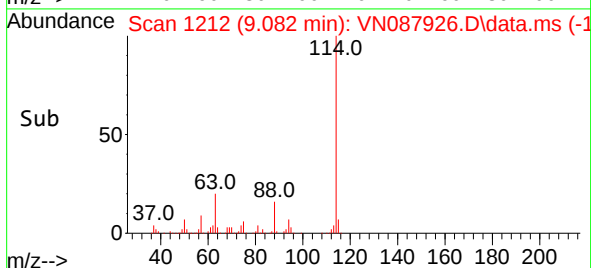
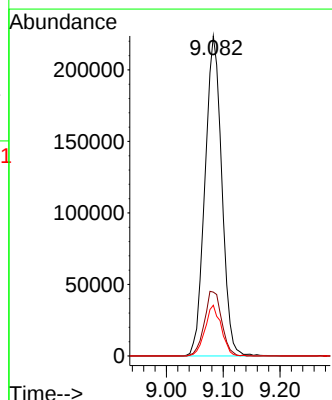
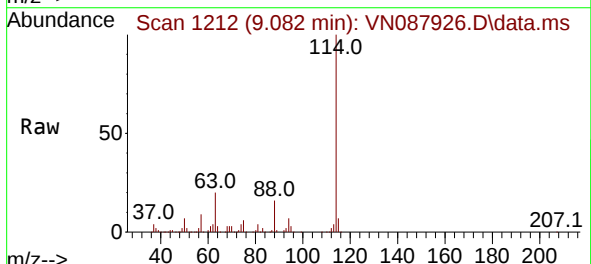
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 65 Resp: 222035
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN087926.D
Acq: 23 Sep 2025 10:15

Tgt Ion: 114 Resp: 459281
Ion Ratio Lower Upper
114 100
63 20.0 0.0 40.0
88 15.9 0.0 31.8





#35

Dibromofluoromethane

Concen: 51.270 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VN087926.D

Acq: 23 Sep 2025 10:15

Instrument :

MSVOA_N

ClientSampleId :

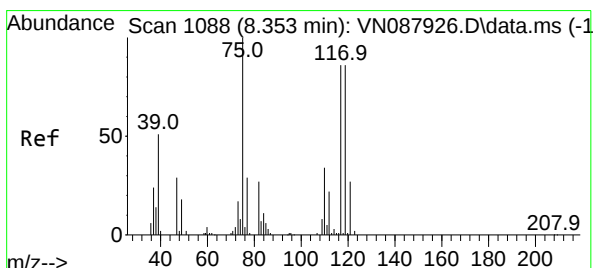
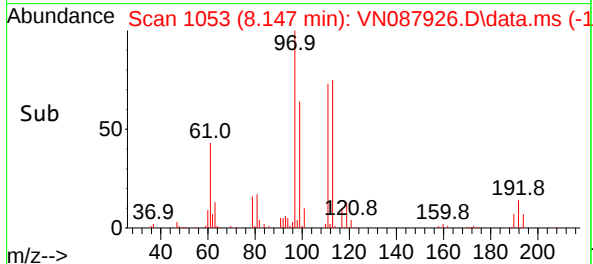
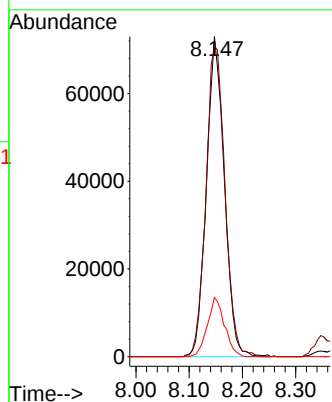
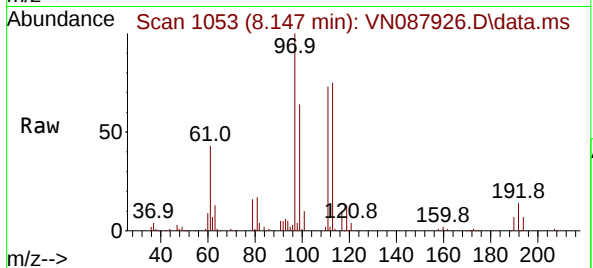
Tgt Ion:113 Resp: 170968

Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.2

192 17.7 14.2 21.2



#36

1,1-Dichloropropene

Concen: 46.732 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VN087926.D

Acq: 23 Sep 2025 10:15

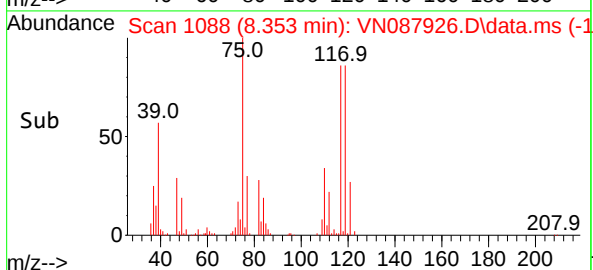
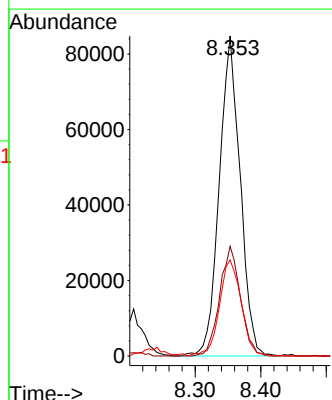
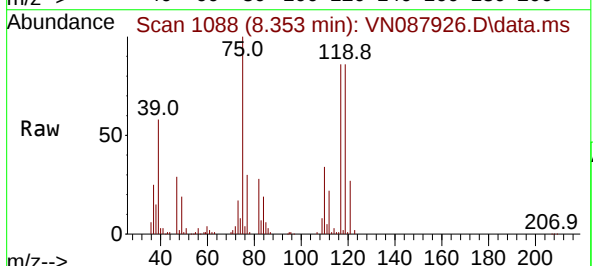
Tgt Ion: 75 Resp: 187383

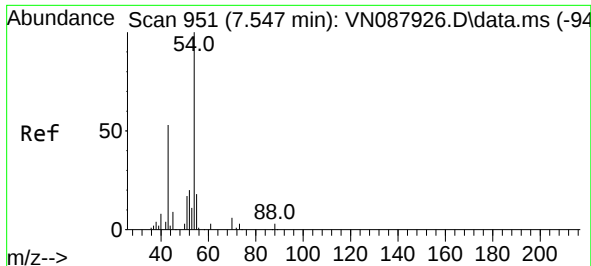
Ion Ratio Lower Upper

75 100

110 34.2 17.1 51.3

77 31.0 24.8 37.2

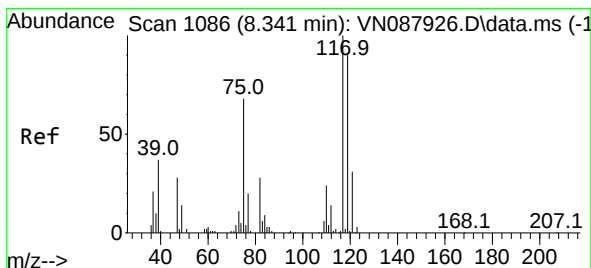
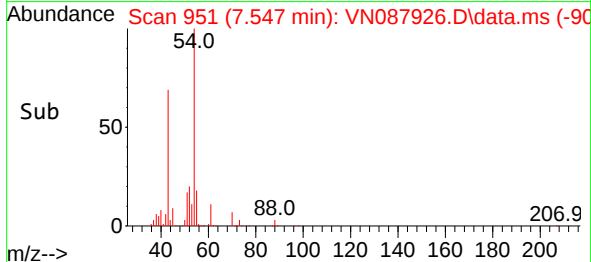
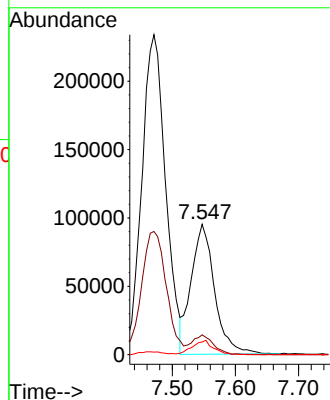
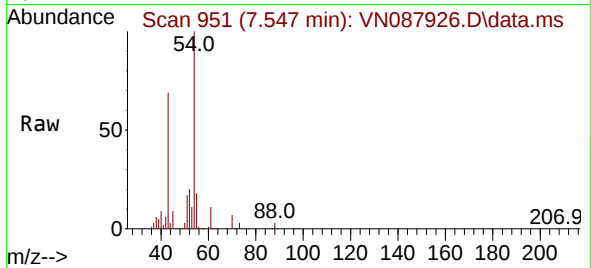




#37
Ethyl Acetate
Concen: 46.716 ug/l
RT: 7.547 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087926.D
Acq: 23 Sep 2025 10:15

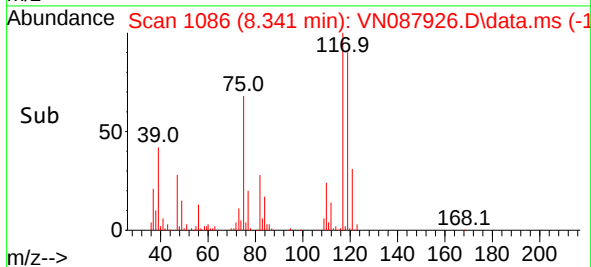
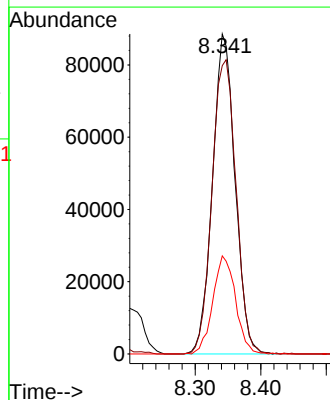
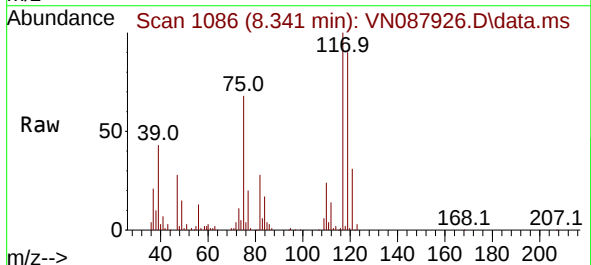
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 245980
Ion Ratio Lower Upper
43 100
61 13.4 10.7 16.1
70 9.8 7.8 11.8



#38
Carbon Tetrachloride
Concen: 46.026 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. 0.000 min
Lab File: VN087926.D
Acq: 23 Sep 2025 10:15

Tgt Ion: 117 Resp: 211771
Ion Ratio Lower Upper
117 100
119 90.1 72.1 108.1
121 30.7 24.6 36.8





#39

Methylcyclohexane

Concen: 46.146 ug/l

RT: 9.577 min Scan# 1296

Delta R.T. 0.000 min

Lab File: VN087926.D

Acq: 23 Sep 2025 10:15

Instrument :

MSVOA_N

ClientSampleId :

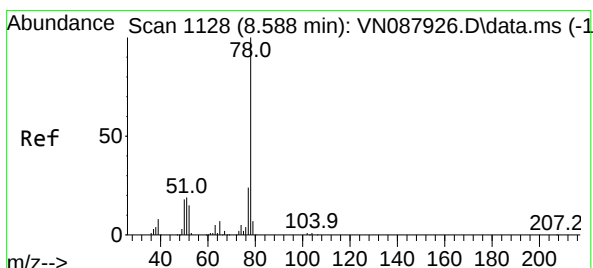
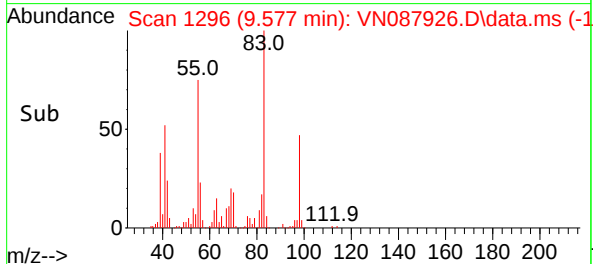
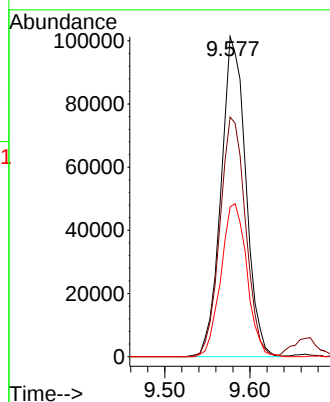
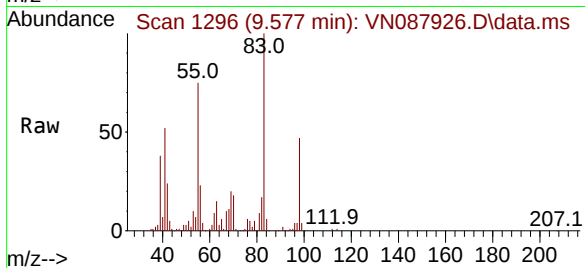
Tgt Ion: 83 Resp: 204121

Ion Ratio Lower Upper

83 100

55 74.9 59.9 89.9

98 46.8 37.4 56.2



#40

Benzene

Concen: 46.804 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VN087926.D

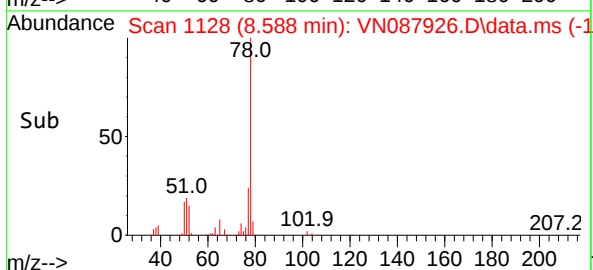
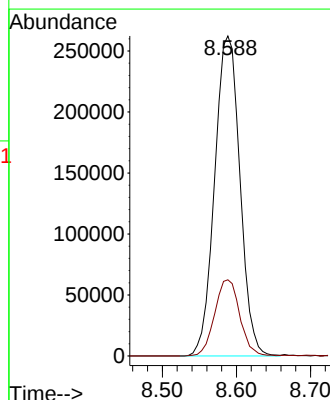
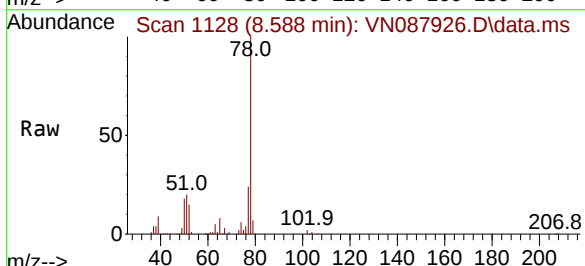
Acq: 23 Sep 2025 10:15

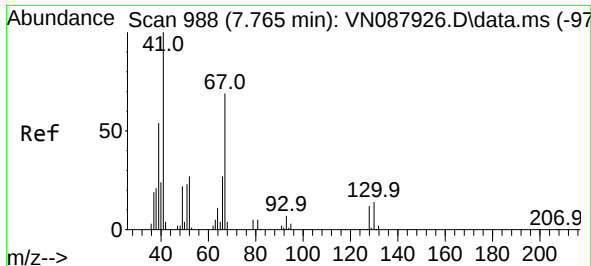
Tgt Ion: 78 Resp: 621393

Ion Ratio Lower Upper

78 100

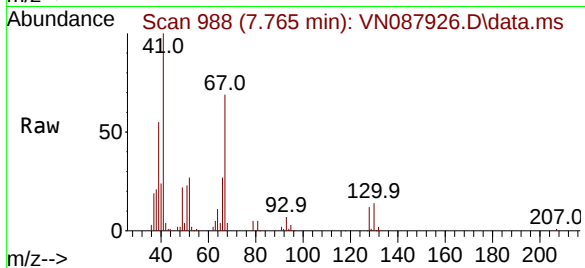
77 23.8 19.0 28.6



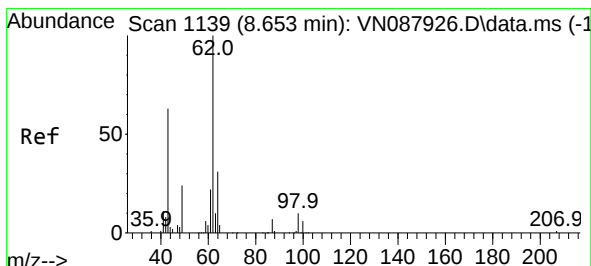
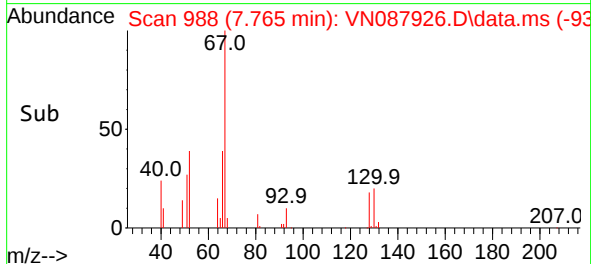
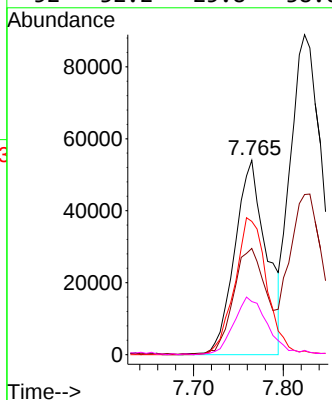


#41
Methacrylonitrile
Concen: 48.599 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087926.D
Acq: 23 Sep 2025 10:15

Instrument :
MSVOA_N
ClientSampleId :

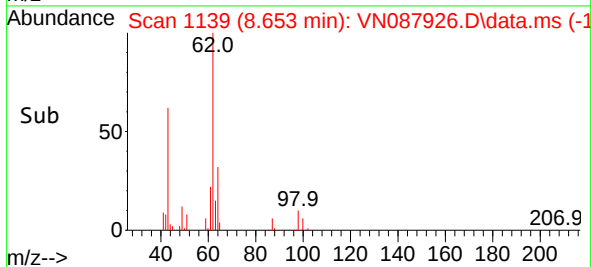
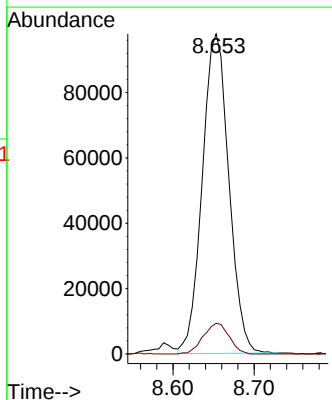
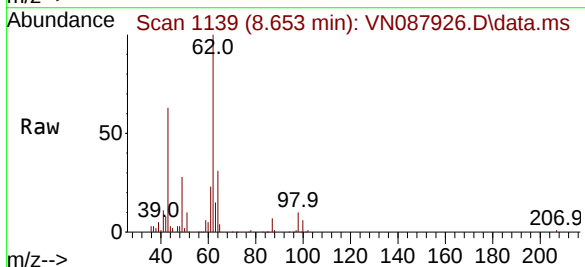


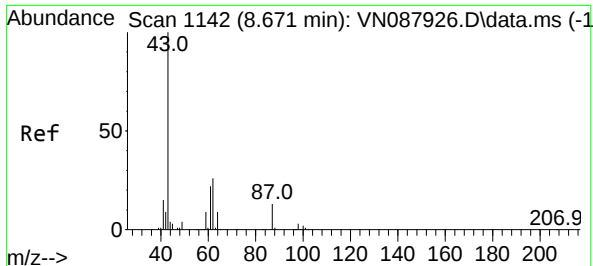
Tgt Ion:	41	Resp:	132245
Ion Ratio	100	Lower	Upper
39	54.4	43.5	65.3
67	72.0	57.6	86.4
52	32.2	25.8	38.6



#42
1,2-Dichloroethane
Concen: 44.838 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087926.D
Acq: 23 Sep 2025 10:15

Tgt Ion:	62	Resp:	222149
Ion Ratio	100	Lower	Upper
98	9.3	0.0	18.6





#43

Isopropyl Acetate

Concen: 46.221 ug/l

RT: 8.671 min Scan# 1142

Delta R.T. 0.000 min

Lab File: VN087926.D

Acq: 23 Sep 2025 10:15

Instrument :

MSVOA_N

ClientSampleId :

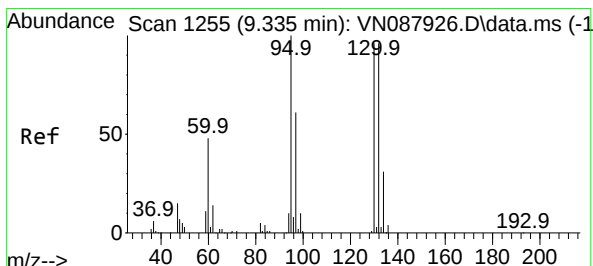
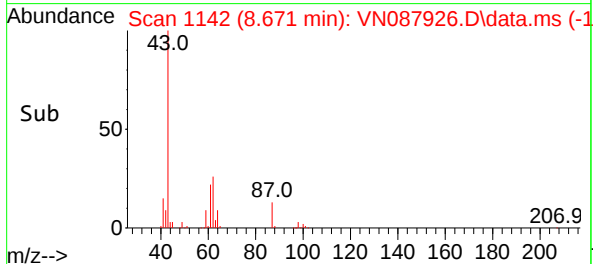
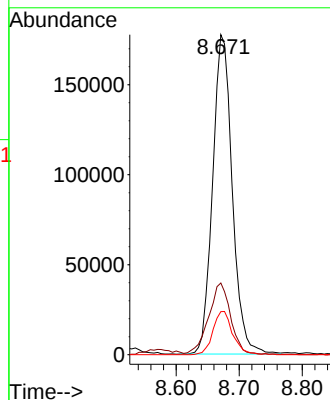
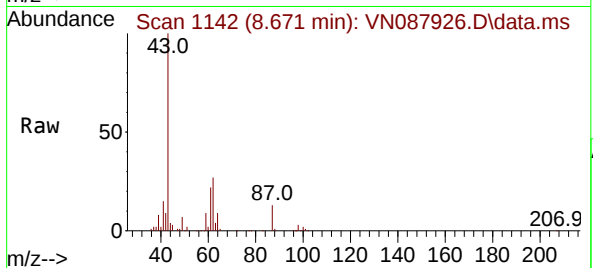
Tgt Ion: 43 Resp: 383082

Ion Ratio Lower Upper

43 100

61 25.2 20.2 30.2

87 13.6 10.9 16.3



#44

Trichloroethene

Concen: 45.554 ug/l

RT: 9.335 min Scan# 1255

Delta R.T. 0.000 min

Lab File: VN087926.D

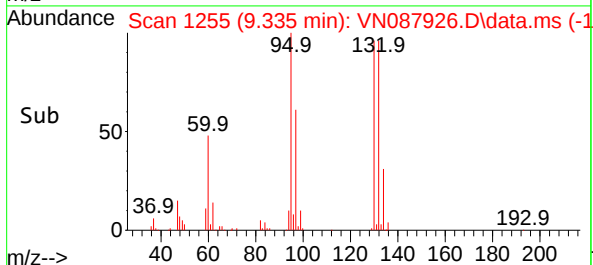
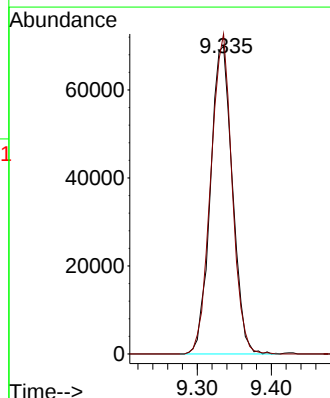
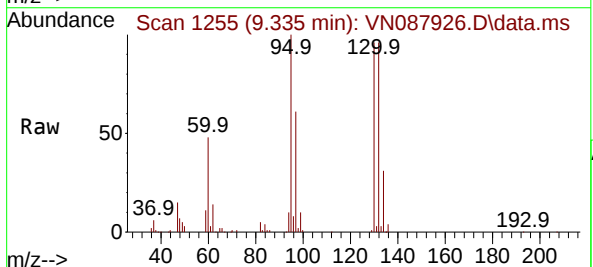
Acq: 23 Sep 2025 10:15

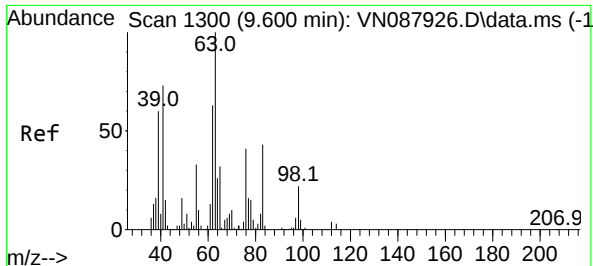
Tgt Ion:130 Resp: 144464

Ion Ratio Lower Upper

130 100

95 104.0 0.0 208.0





#45

1,2-Dichloropropane

Concen: 45.892 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN087926.D

Acq: 23 Sep 2025 10:15

Instrument :

MSVOA_N

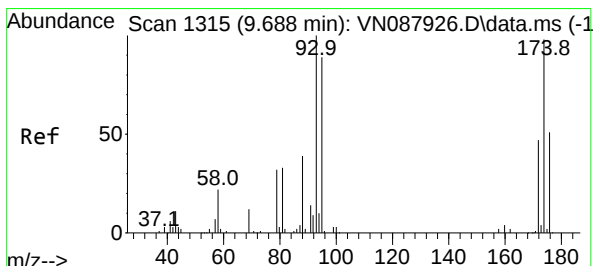
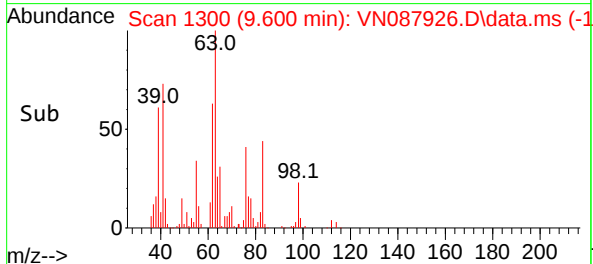
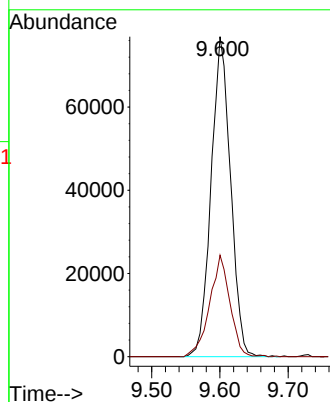
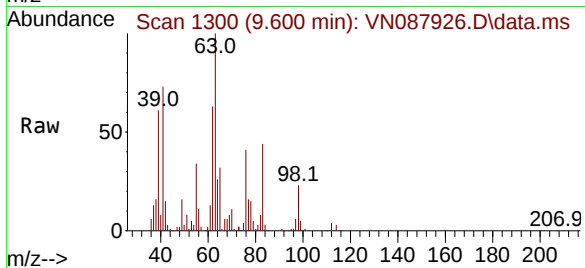
ClientSampleId :

Tgt Ion: 63 Resp: 152778

Ion Ratio Lower Upper

63 100

65 31.7 25.4 38.0



#46

Dibromomethane

Concen: 45.445 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN087926.D

Acq: 23 Sep 2025 10:15

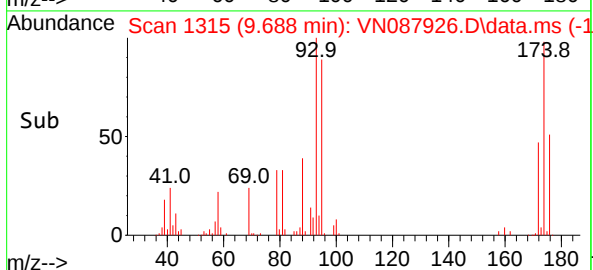
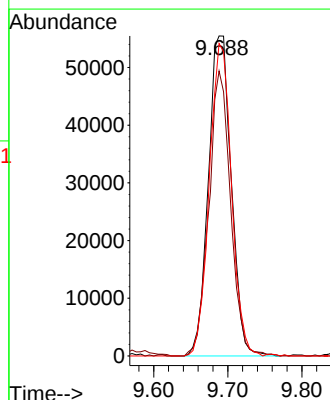
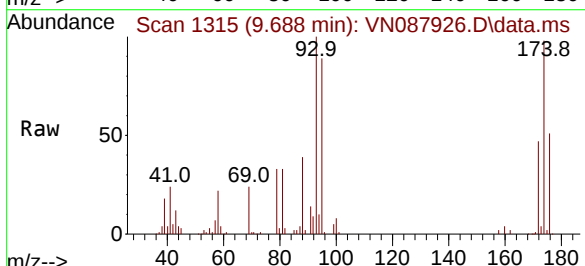
Tgt Ion: 93 Resp: 119379

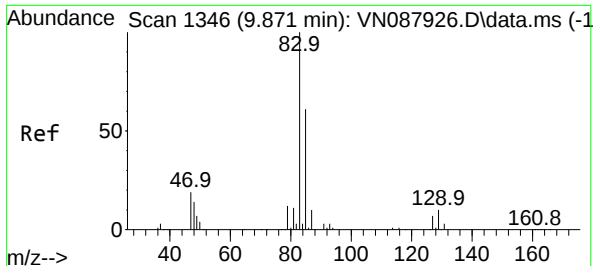
Ion Ratio Lower Upper

93 100

95 84.5 67.6 101.4

174 94.2 75.4 113.0





#47

Bromodichloromethane

Concen: 46.428 ug/l

RT: 9.871 min Scan# 1346

Delta R.T. 0.000 min

Lab File: VN087926.D

Acq: 23 Sep 2025 10:15

Instrument :

MSVOA_N

ClientSampleId :

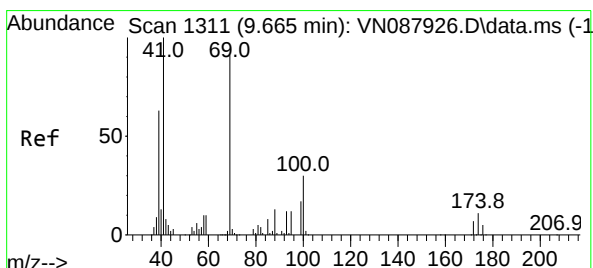
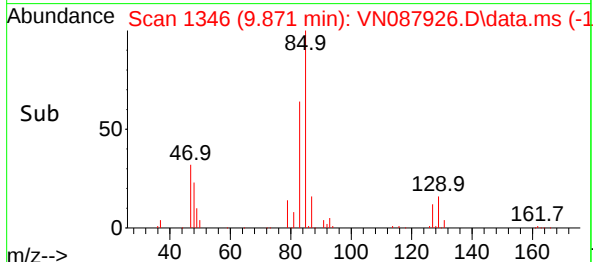
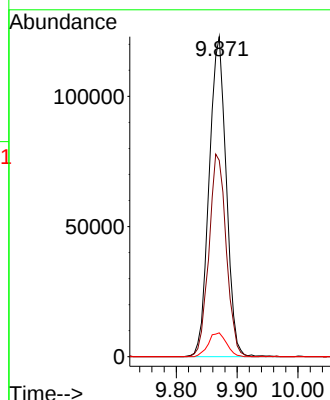
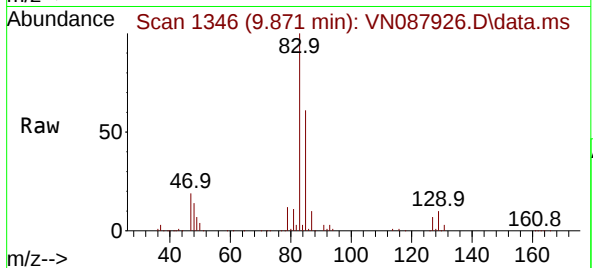
Tgt Ion: 83 Resp: 239213

Ion Ratio Lower Upper

83 100

85 61.4 49.1 73.7

127 7.4 5.9 8.9



#48

Methyl methacrylate

Concen: 46.496 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VN087926.D

Acq: 23 Sep 2025 10:15

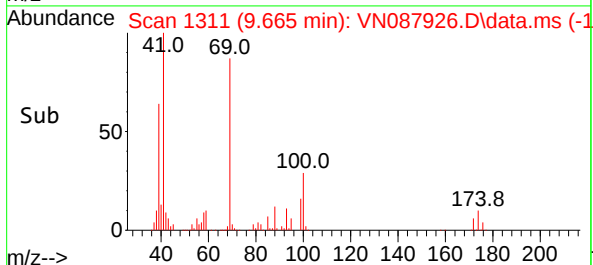
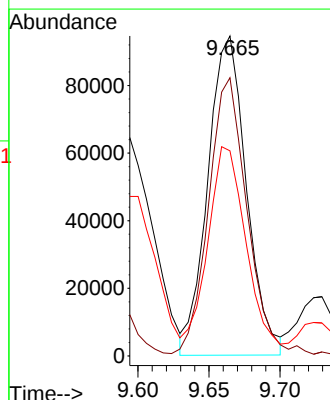
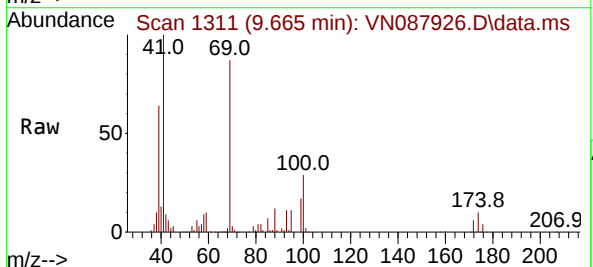
Tgt Ion: 41 Resp: 178460

Ion Ratio Lower Upper

41 100

69 88.6 70.9 106.3

39 66.1 52.9 79.3





#49

1,4-Dioxane

Concen: 912.802 ug/l

RT: 9.677 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087926.D

Acq: 23 Sep 2025 10:15

Instrument :

MSVOA_N

ClientSampleId :

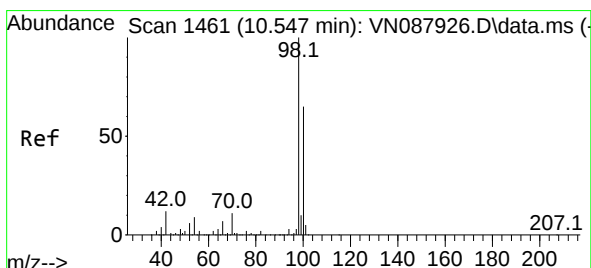
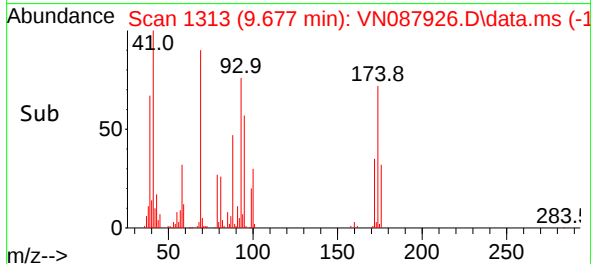
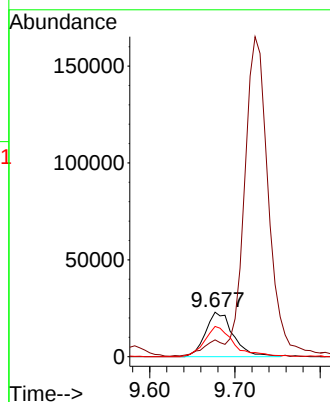
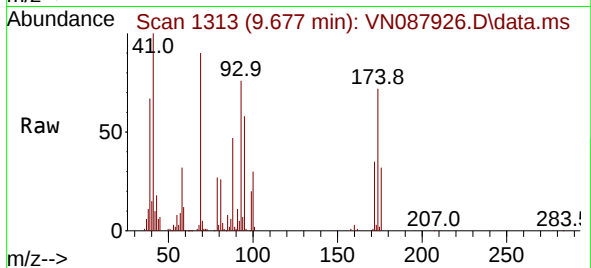
Tgt Ion: 88 Resp: 51757

Ion Ratio Lower Upper

88 100

43 28.2 22.6 33.8

58 71.8 57.4 86.2



#50

Toluene-d8

Concen: 52.961 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VN087926.D

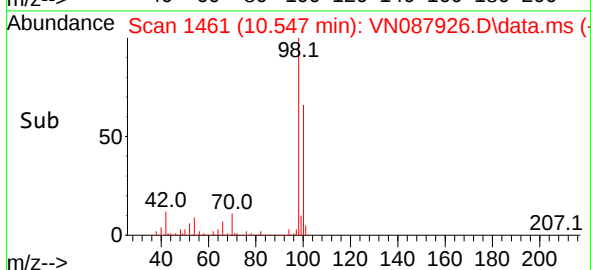
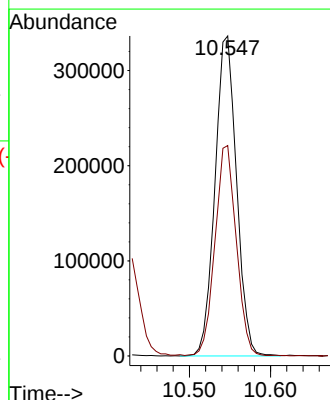
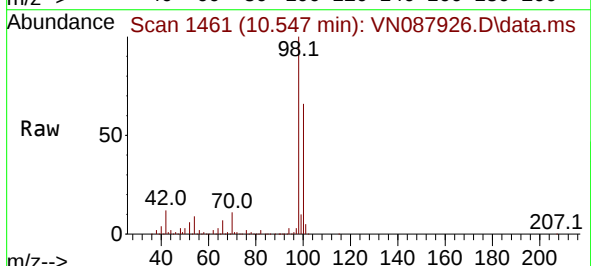
Acq: 23 Sep 2025 10:15

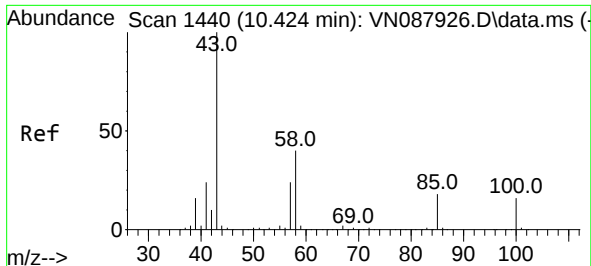
Tgt Ion: 98 Resp: 621058

Ion Ratio Lower Upper

98 100

100 64.6 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 238.604 ug/l

RT: 10.424 min Scan# 1440

Delta R.T. 0.000 min

Lab File: VN087926.D

Acq: 23 Sep 2025 10:15

Instrument :

MSVOA_N

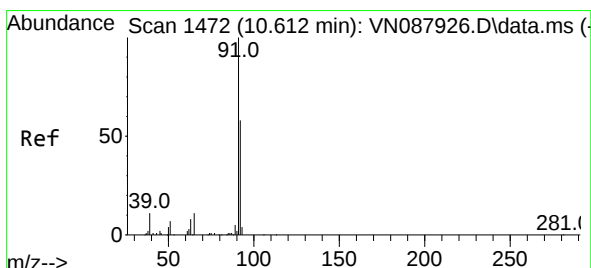
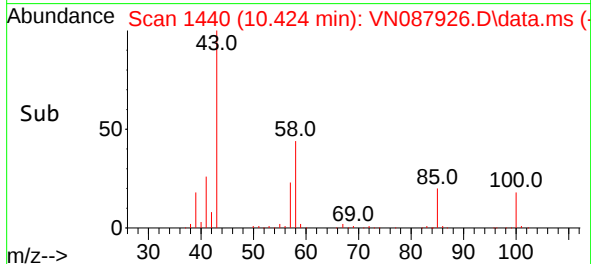
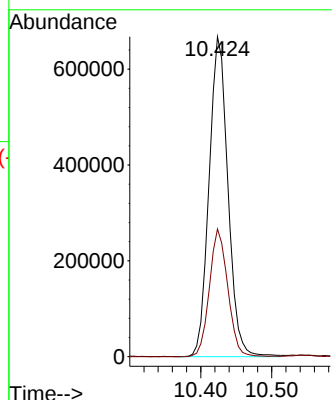
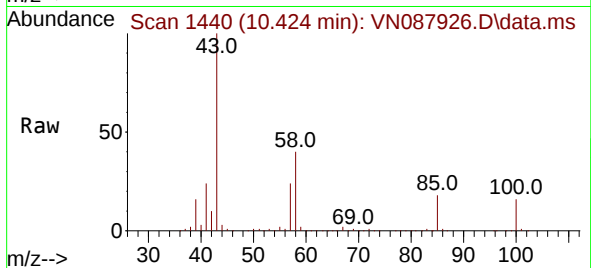
ClientSampleId :

Tgt Ion: 43 Resp: 1234001

Ion Ratio Lower Upper

43 100

58 38.8 31.0 46.6



#52

Toluene

Concen: 46.724 ug/l

RT: 10.612 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VN087926.D

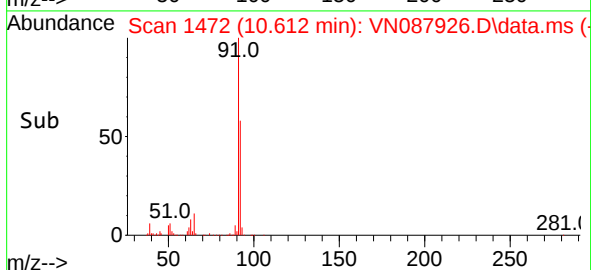
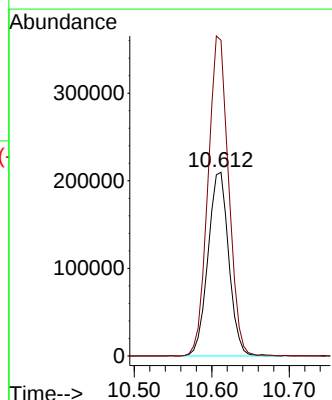
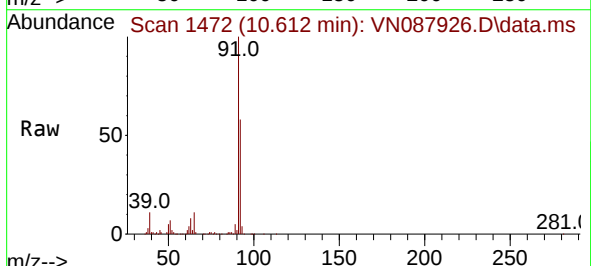
Acq: 23 Sep 2025 10:15

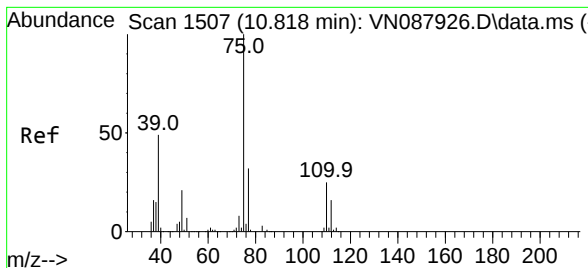
Tgt Ion: 92 Resp: 389268

Ion Ratio Lower Upper

92 100

91 172.7 138.2 207.2

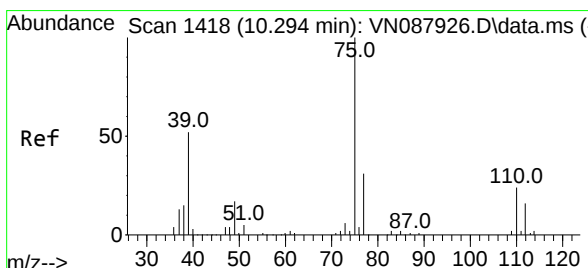
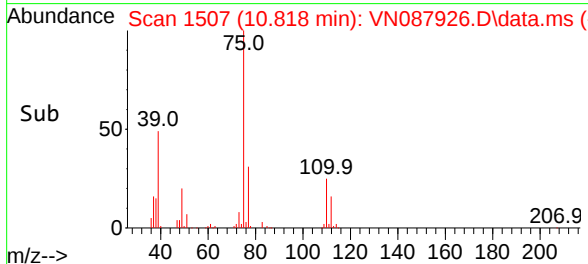
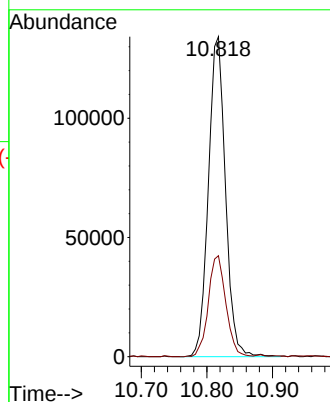
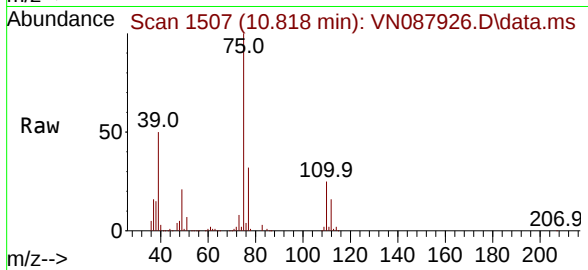




#53
 t-1,3-Dichloropropene
 Concen: 46.026 ug/l
 RT: 10.818 min Scan# 1507
 Delta R.T. 0.000 min
 Lab File: VN087926.D
 Acq: 23 Sep 2025 10:15

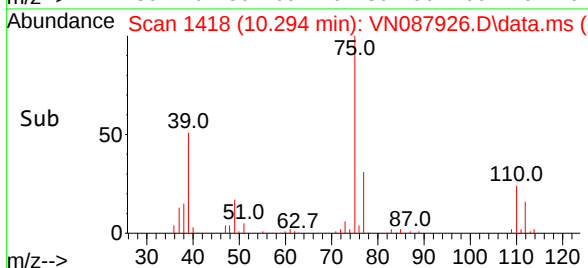
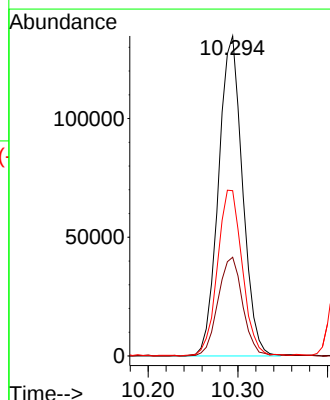
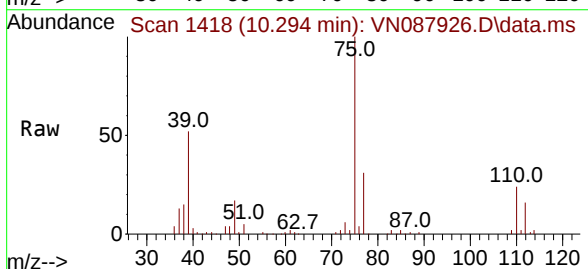
Instrument :
 MSVOA_N
 ClientSampleId :

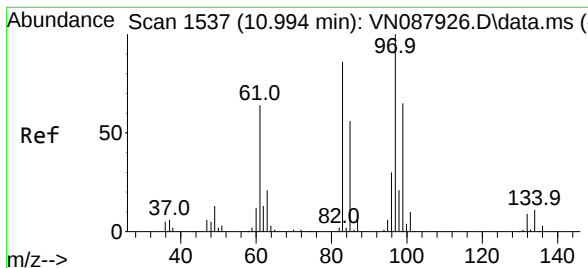
Tgt Ion: 75 Resp: 242702
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 45.616 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VN087926.D
 Acq: 23 Sep 2025 10:15

Tgt Ion: 75 Resp: 249831
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.7 37.1
 39 51.7 41.4 62.0





#55

1,1,2-Trichloroethane

Concen: 45.952 ug/l

RT: 10.994 min Scan# 1537

Delta R.T. 0.000 min

Lab File: VN087926.D

Acq: 23 Sep 2025 10:15

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 97 Resp: 155665

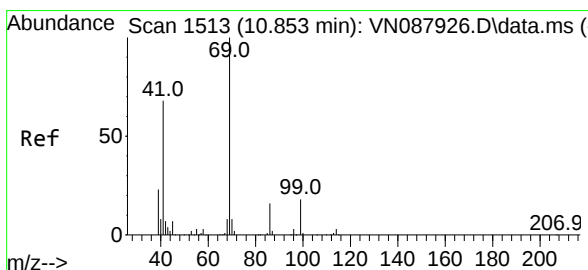
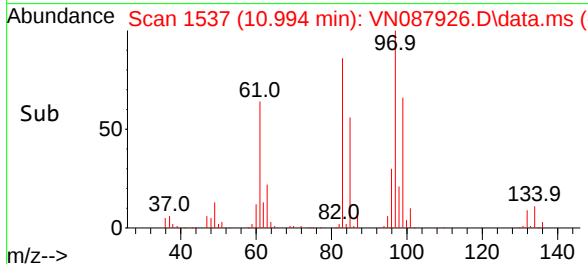
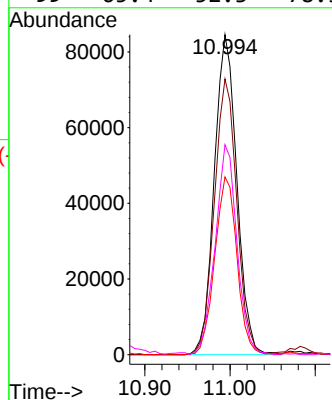
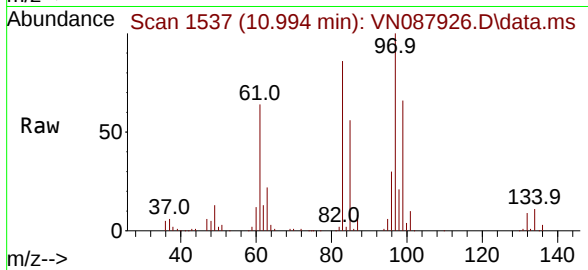
Ion Ratio Lower Upper

97 100

83 86.2 69.0 103.4

85 55.5 44.4 66.6

99 65.4 52.3 78.5



#56

Ethyl methacrylate

Concen: 48.290 ug/l

RT: 10.853 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VN087926.D

Acq: 23 Sep 2025 10:15

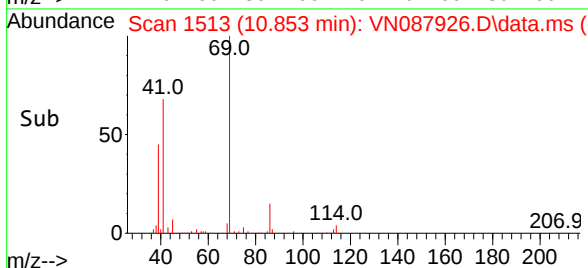
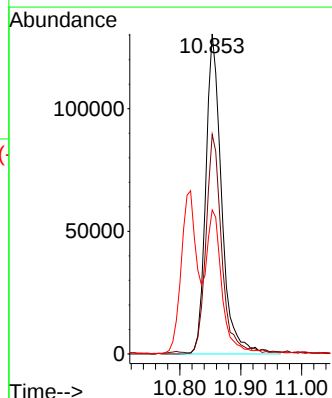
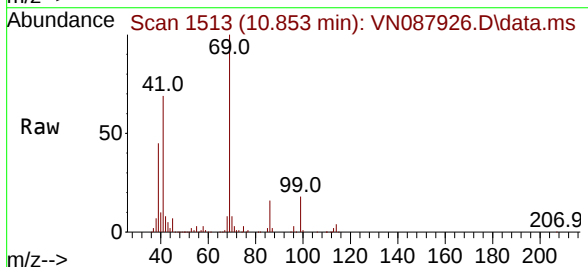
Tgt Ion: 69 Resp: 236371

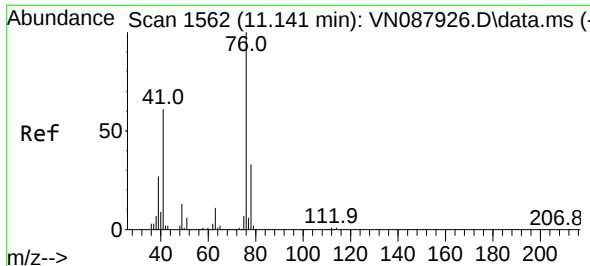
Ion Ratio Lower Upper

69 100

41 67.2 53.8 80.6

39 43.4 34.7 52.1





#57

1,3-Dichloropropane

Concen: 46.703 ug/l

RT: 11.141 min Scan# 1562

Delta R.T. 0.000 min

Lab File: VN087926.D

Acq: 23 Sep 2025 10:15

Instrument :

MSVOA_N

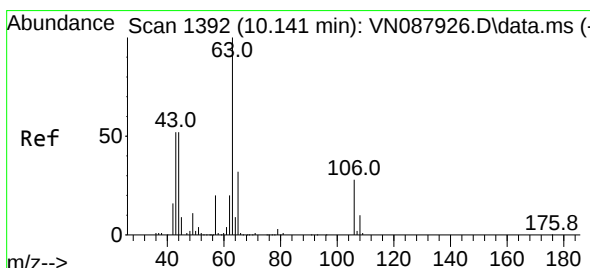
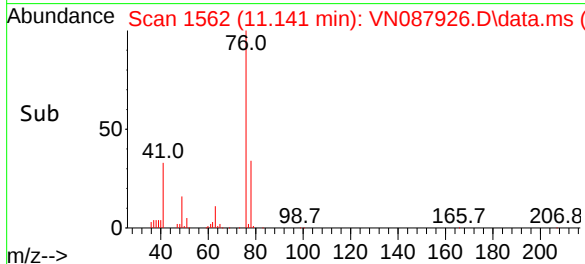
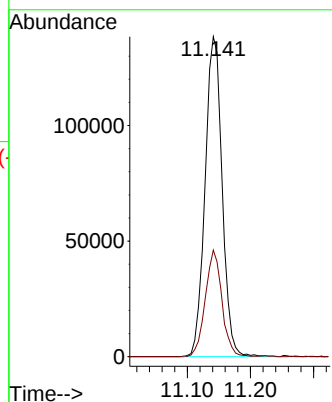
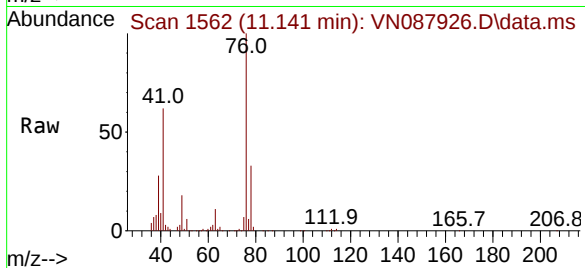
ClientSampleId :

Tgt Ion: 76 Resp: 260217

Ion Ratio Lower Upper

76 100

78 32.5 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 218.716 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VN087926.D

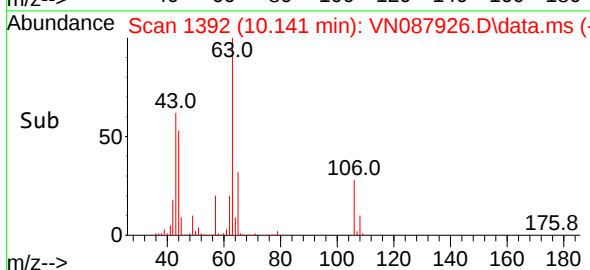
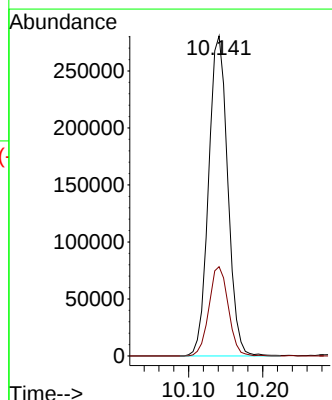
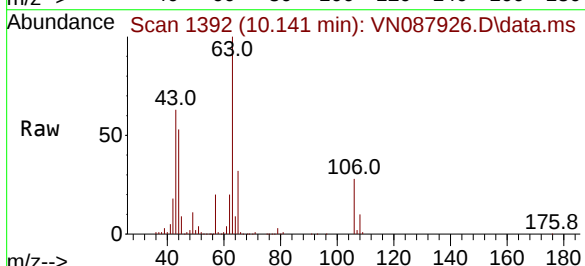
Acq: 23 Sep 2025 10:15

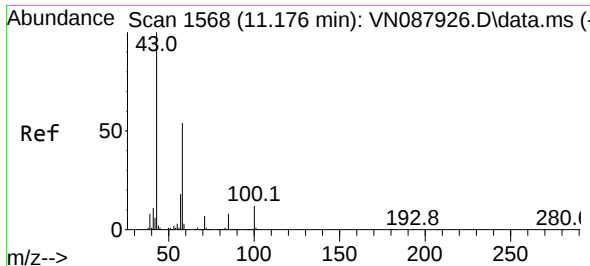
Tgt Ion: 63 Resp: 503361

Ion Ratio Lower Upper

63 100

106 28.2 22.6 33.8

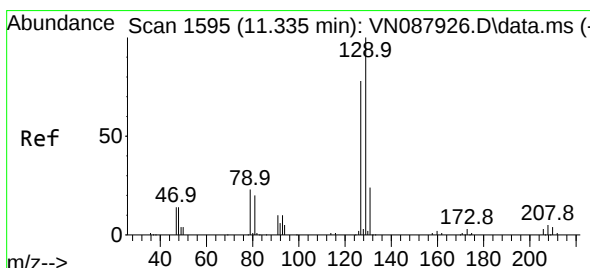
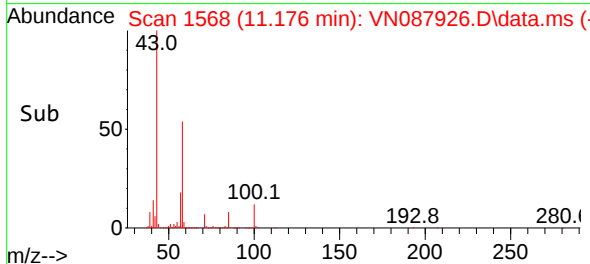
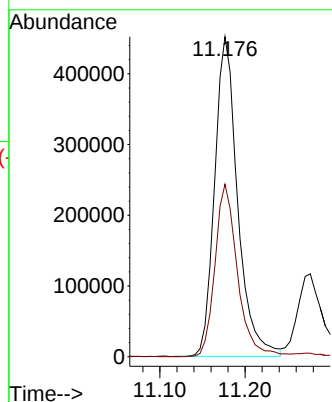
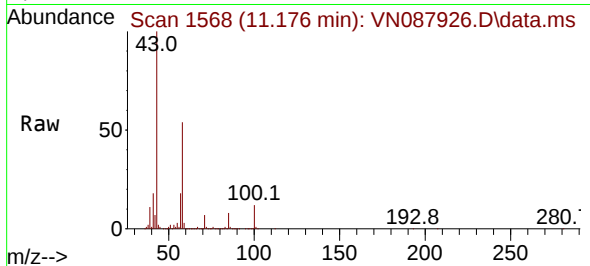




#59
2-Hexanone
Concen: 247.530 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN087926.D
Acq: 23 Sep 2025 10:15

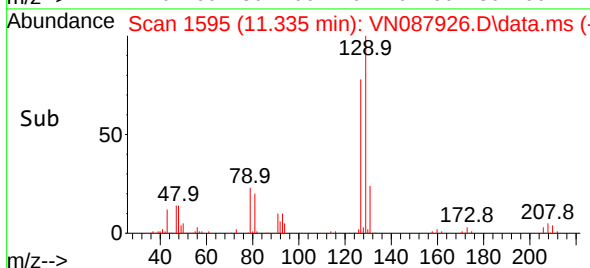
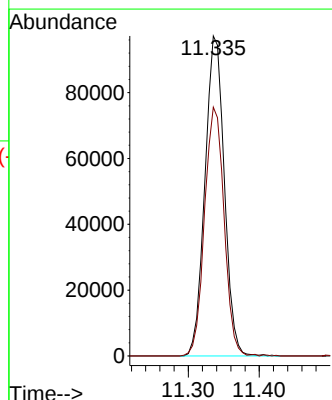
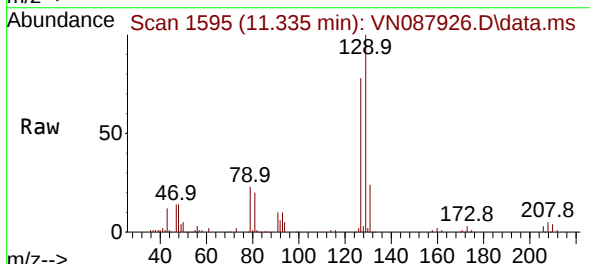
Instrument :
MSVOA_N
ClientSampleId :

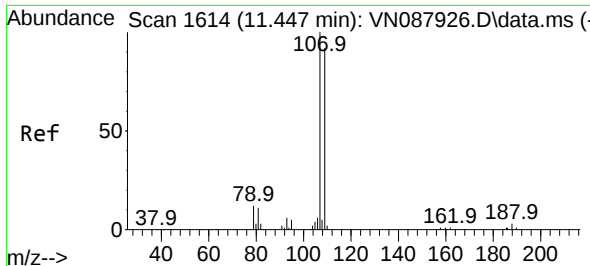
Tgt Ion: 43 Resp: 846472
Ion Ratio Lower Upper
43 100
58 52.8 26.4 79.2



#60
Dibromochloromethane
Concen: 46.357 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN087926.D
Acq: 23 Sep 2025 10:15

Tgt Ion: 129 Resp: 184637
Ion Ratio Lower Upper
129 100
127 78.6 39.3 117.9

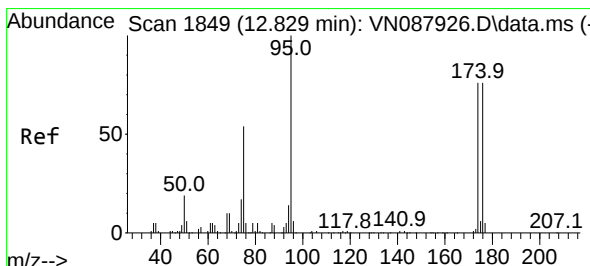
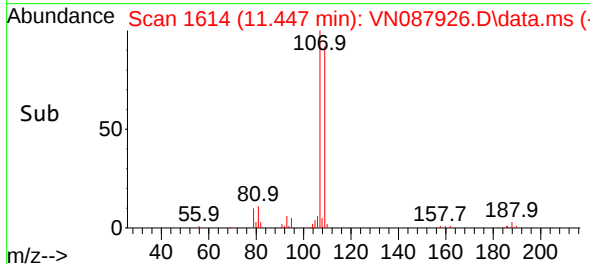
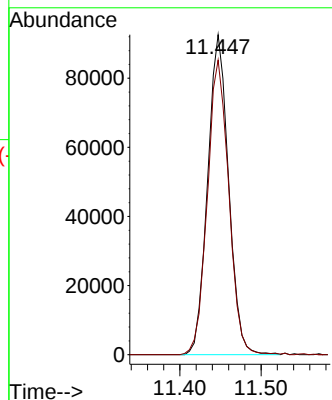
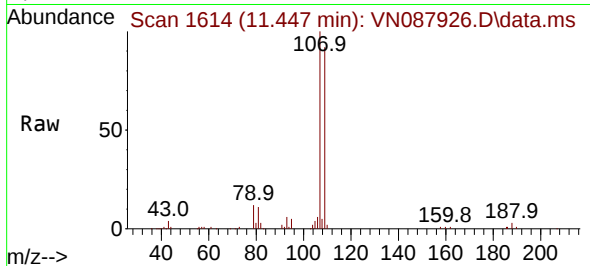




#61
1,2-Dibromoethane
Concen: 46.302 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN087926.D
Acq: 23 Sep 2025 10:15

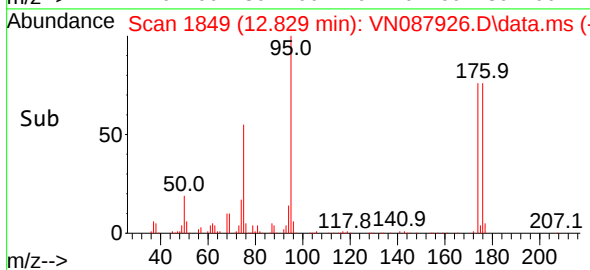
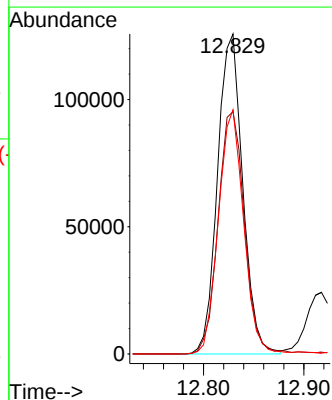
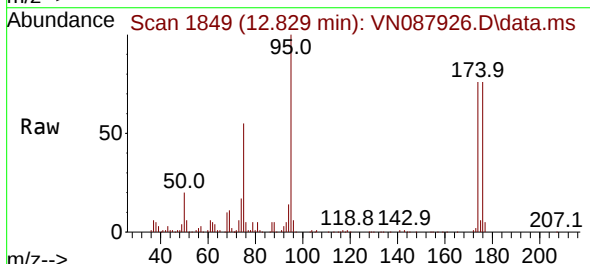
Instrument :
MSVOA_N
ClientSampleId :

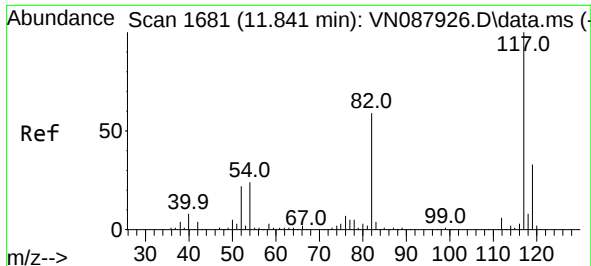
Tgt Ion:107 Resp: 166047
Ion Ratio Lower Upper
107 100
109 94.1 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 52.158 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087926.D
Acq: 23 Sep 2025 10:15

Tgt Ion: 95 Resp: 218627
Ion Ratio Lower Upper
95 100
174 79.6 0.0 159.2
176 76.3 0.0 152.6

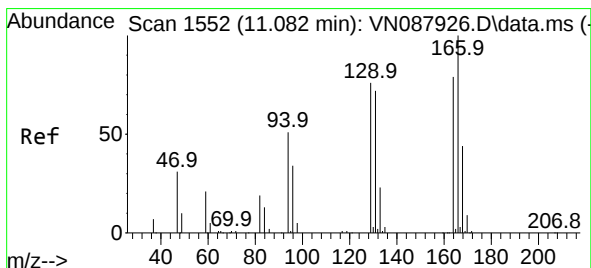
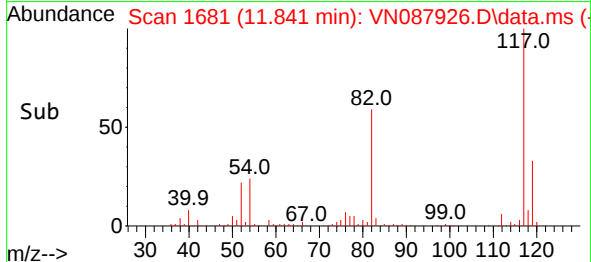
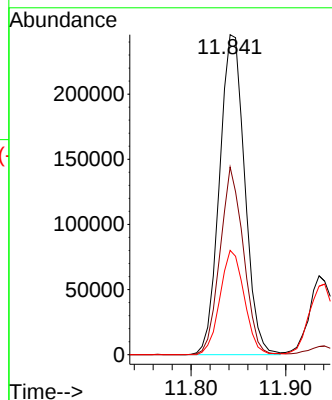
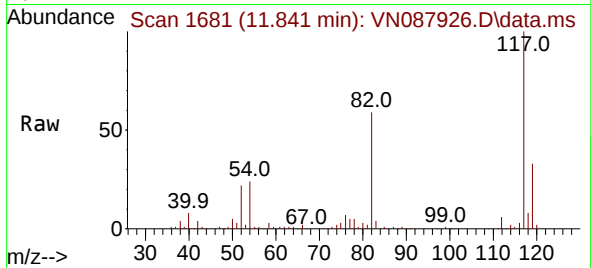




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN087926.D
Acq: 23 Sep 2025 10:15

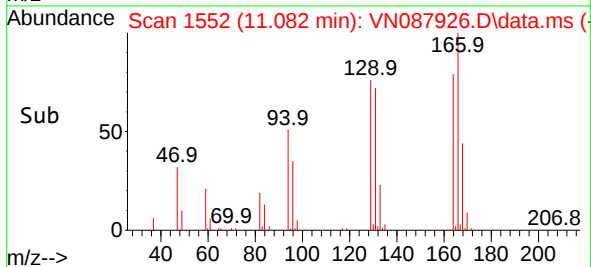
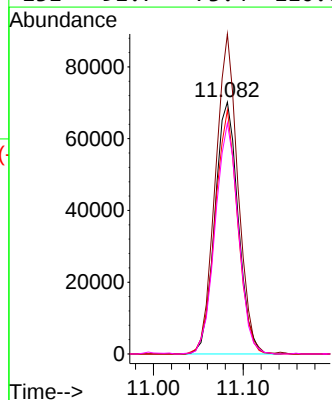
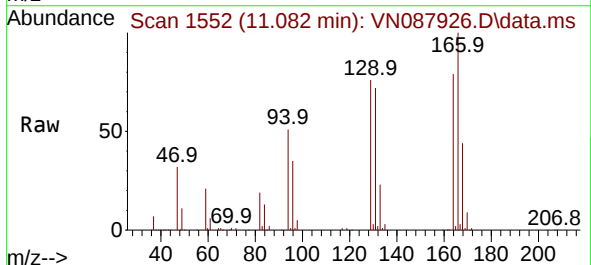
Instrument :
MSVOA_N
ClientSampleId :

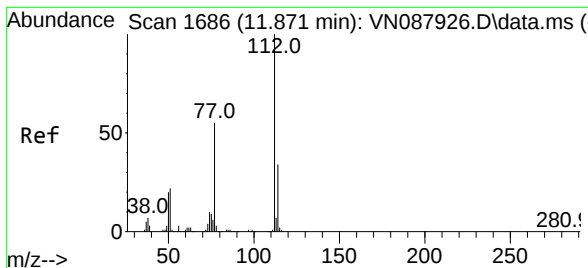
Tgt Ion:117 Resp: 454459
Ion Ratio Lower Upper
117 100
82 58.7 47.0 70.4
119 32.6 26.1 39.1



#64
Tetrachloroethene
Concen: 45.728 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN087926.D
Acq: 23 Sep 2025 10:15

Tgt Ion:164 Resp: 126588
Ion Ratio Lower Upper
164 100
166 127.0 101.6 152.4
129 96.9 77.5 116.3
131 91.7 73.4 110.0





#65

Chlorobenzene

Concen: 44.702 ug/l

RT: 11.871 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VN087926.D

Acq: 23 Sep 2025 10:15

Instrument :

MSVOA_N

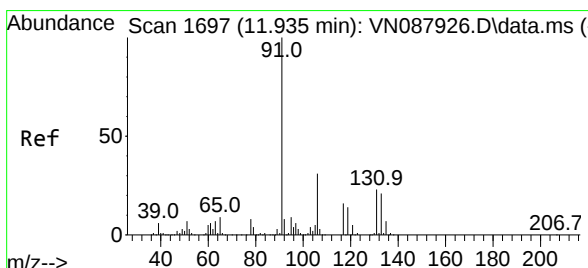
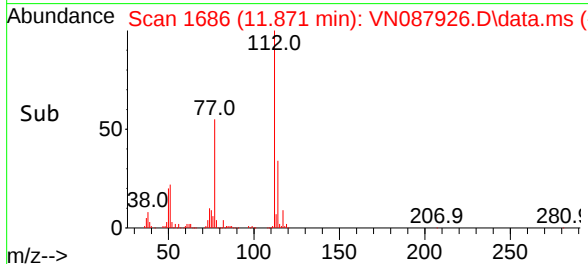
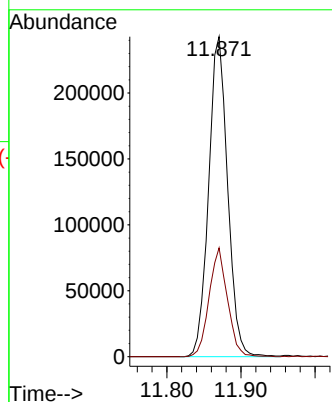
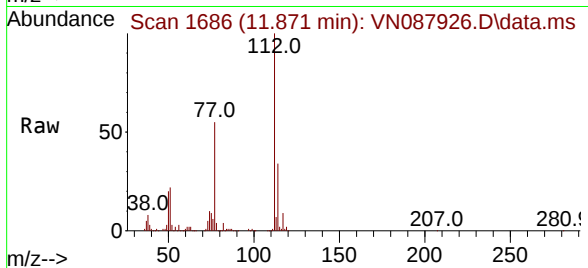
ClientSampleId :

Tgt Ion:112 Resp: 432322

Ion Ratio Lower Upper

112 100

114 34.0 27.2 40.8



#66

1,1,1,2-Tetrachloroethane

Concen: 45.525 ug/l

RT: 11.935 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VN087926.D

Acq: 23 Sep 2025 10:15

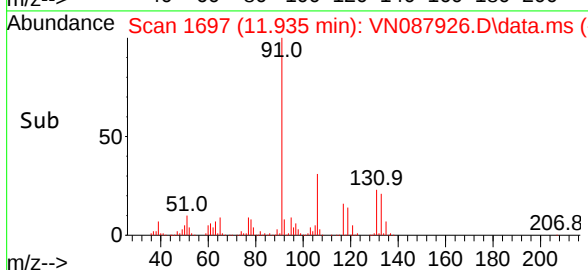
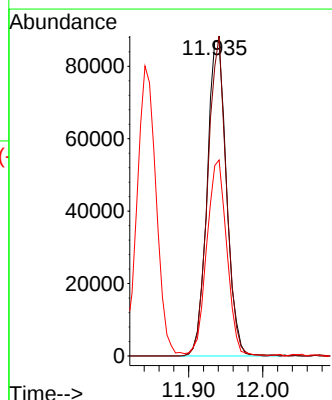
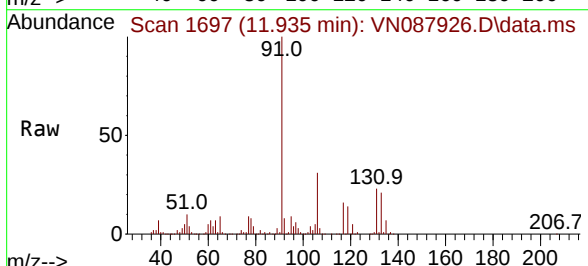
Tgt Ion:131 Resp: 158774

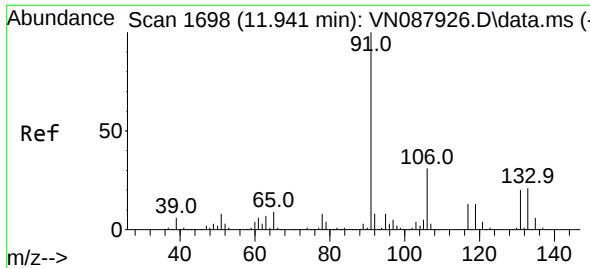
Ion Ratio Lower Upper

131 100

133 96.7 48.4 145.0

119 63.7 31.9 95.5

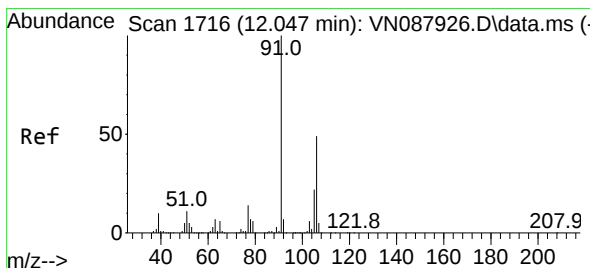
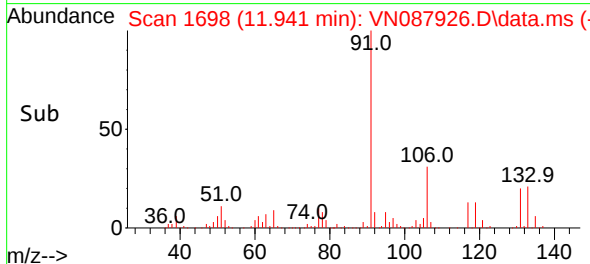
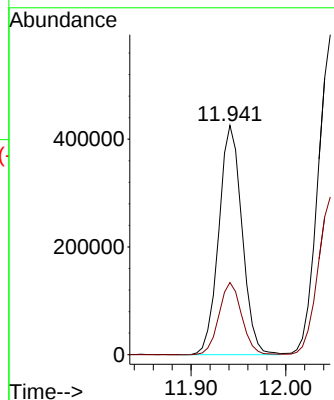
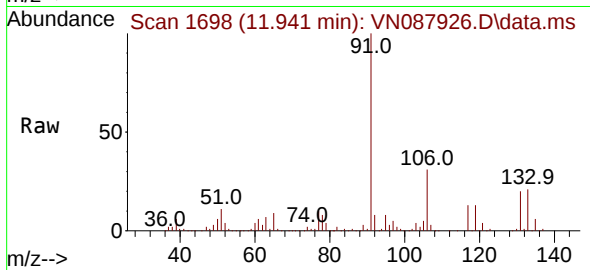




#67
Ethyl Benzene
Concen: 45.080 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087926.D
Acq: 23 Sep 2025 10:15

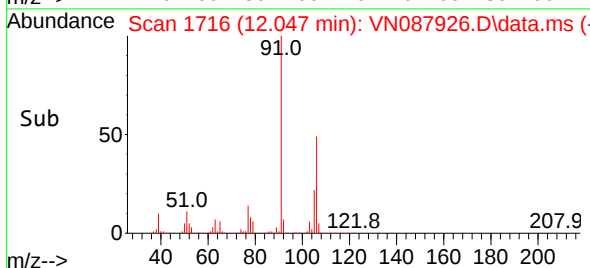
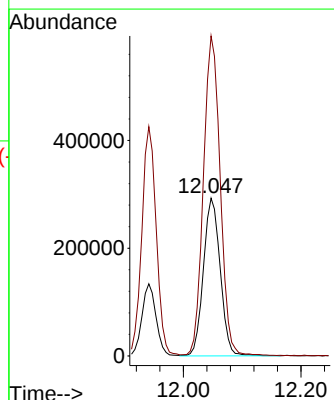
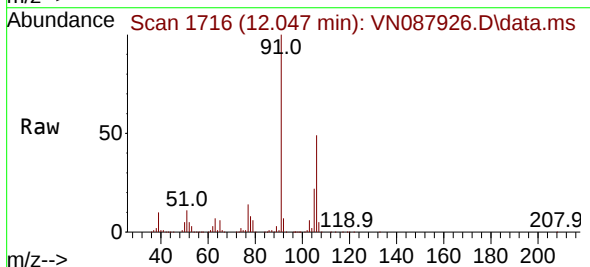
Instrument :
MSVOA_N
ClientSampleId :

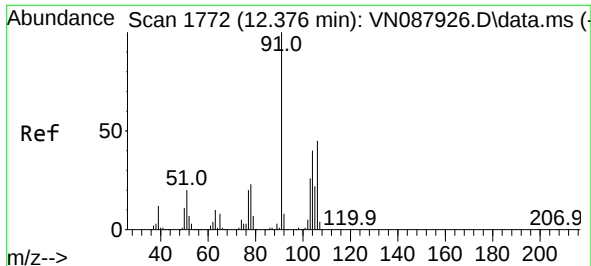
Tgt Ion: 91 Resp: 727479
Ion Ratio Lower Upper
91 100
106 31.5 25.2 37.8



#68
m/p-Xylenes
Concen: 93.784 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN087926.D
Acq: 23 Sep 2025 10:15

Tgt Ion: 106 Resp: 578820
Ion Ratio Lower Upper
106 100
91 203.6 162.9 244.3

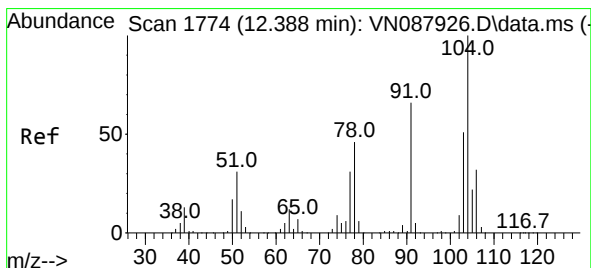
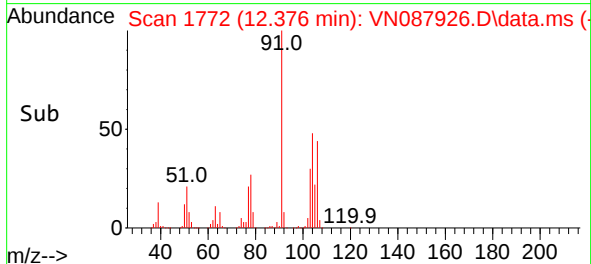
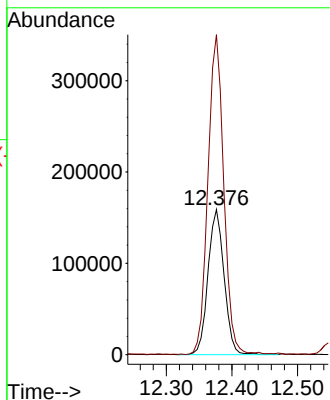
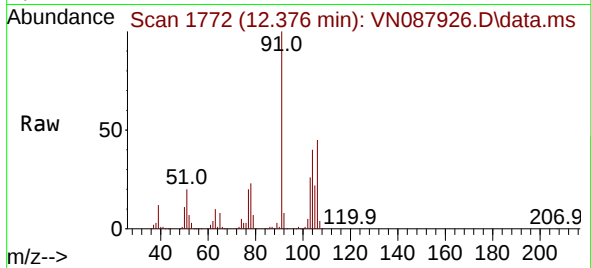




#69
o-Xylene
Concen: 45.817 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087926.D
Acq: 23 Sep 2025 10:15

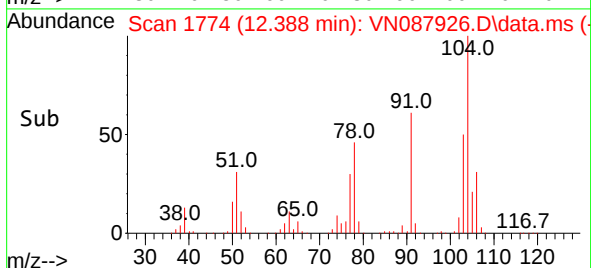
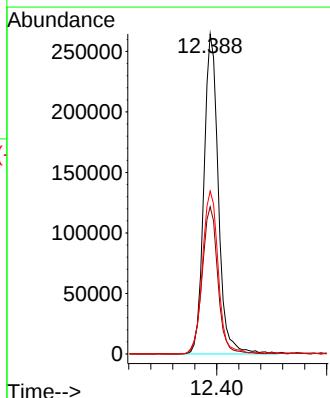
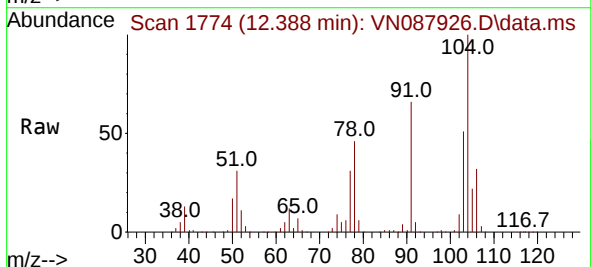
Instrument :
MSVOA_N
ClientSampleId :

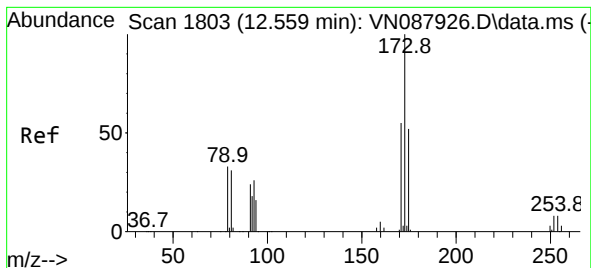
Tgt Ion:106 Resp: 271677
Ion Ratio Lower Upper
106 100
91 216.4 108.2 324.6



#70
Styrene
Concen: 47.446 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN087926.D
Acq: 23 Sep 2025 10:15

Tgt Ion:104 Resp: 483179
Ion Ratio Lower Upper
104 100
78 49.6 39.7 59.5
103 55.8 44.6 67.0





#71

Bromoform

Concen: 45.833 ug/l

RT: 12.559 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VN087926.D

Acq: 23 Sep 2025 10:15

Instrument :

MSVOA_N

ClientSampleId :

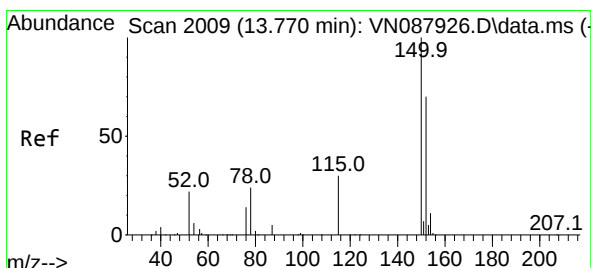
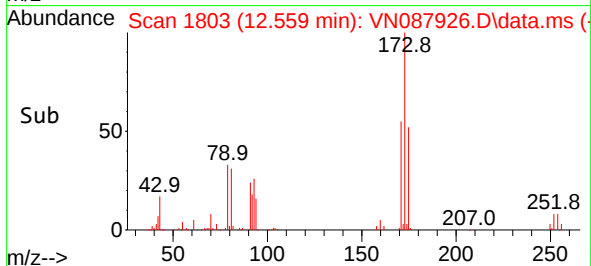
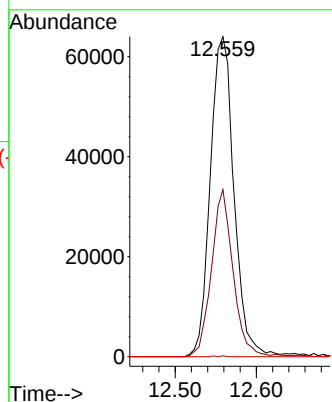
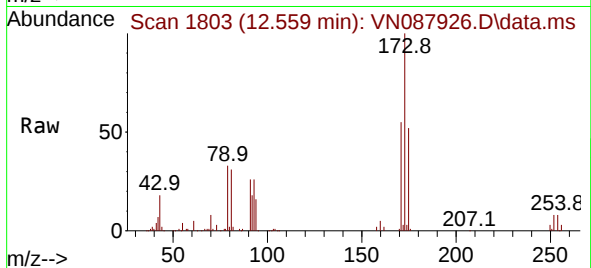
Tgt Ion:173 Resp: 129687

Ion Ratio Lower Upper

173 100

175 47.4 23.7 71.1

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.770 min Scan# 2009

Delta R.T. 0.000 min

Lab File: VN087926.D

Acq: 23 Sep 2025 10:15

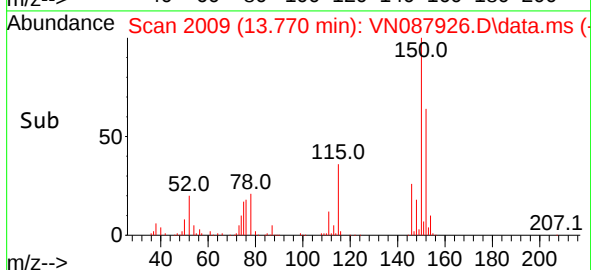
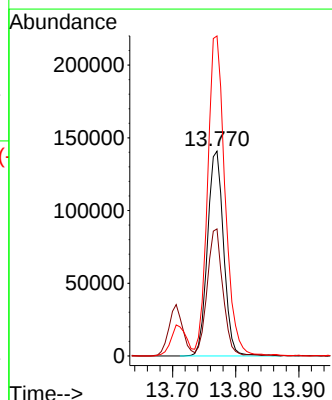
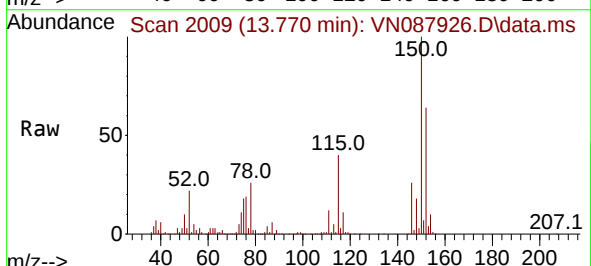
Tgt Ion:152 Resp: 250450

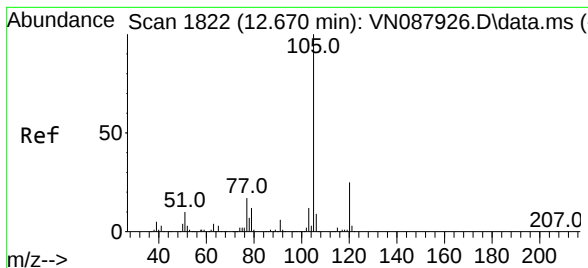
Ion Ratio Lower Upper

152 100

115 59.8 29.9 89.7

150 167.5 0.0 335.0





#73

Isopropylbenzene

Concen: 45.248 ug/l

RT: 12.670 min Scan# 1822

Delta R.T. 0.000 min

Lab File: VN087926.D

Acq: 23 Sep 2025 10:15

Instrument :

MSVOA_N

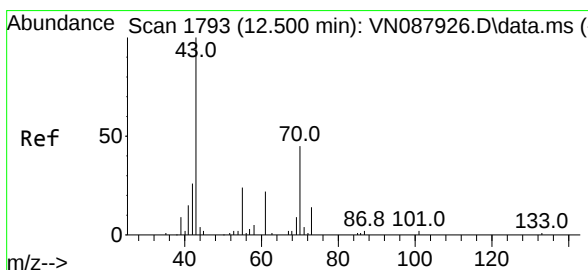
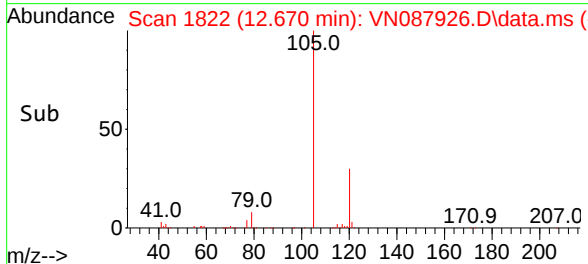
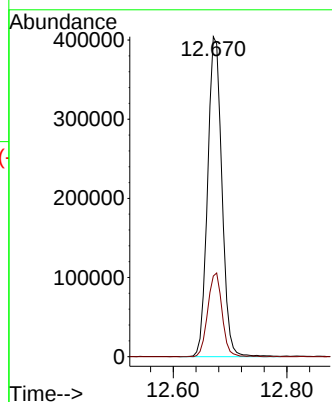
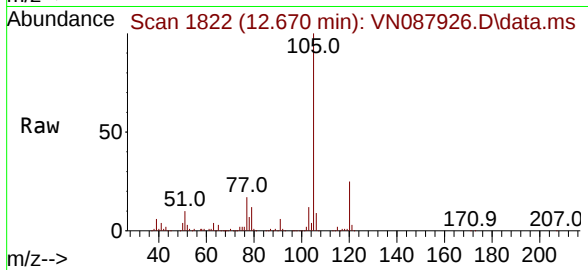
ClientSampleId :

Tgt Ion:105 Resp: 702353

Ion Ratio Lower Upper

105 100

120 26.1 13.1 39.1



#74

N-ethyl acetate

Concen: 21.267 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VN087926.D

Acq: 23 Sep 2025 10:15

Tgt Ion: 43 Resp: 98330

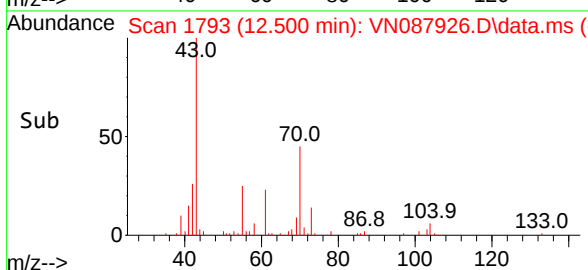
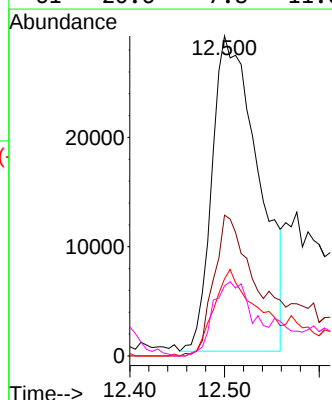
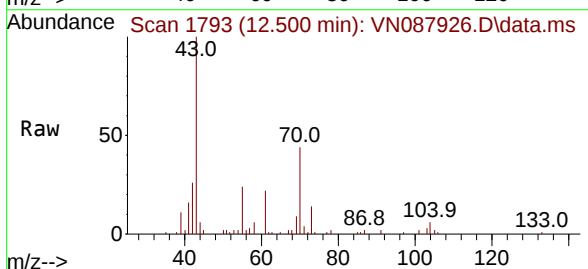
Ion Ratio Lower Upper

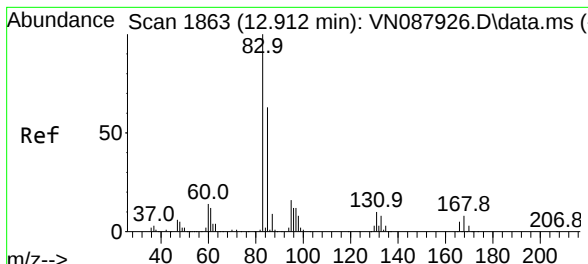
43 100

70 52.8 19.8 29.8#

55 25.7 9.6 14.4#

61 20.6 7.8 11.6#

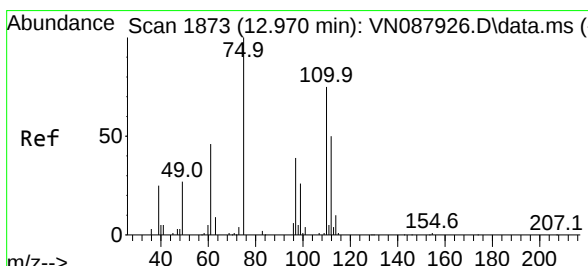
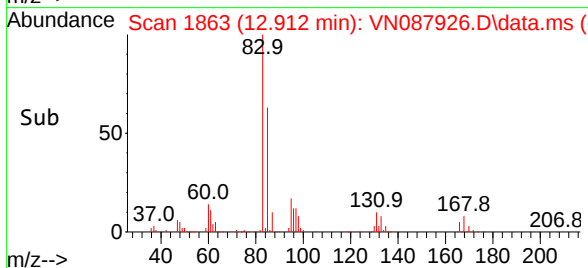
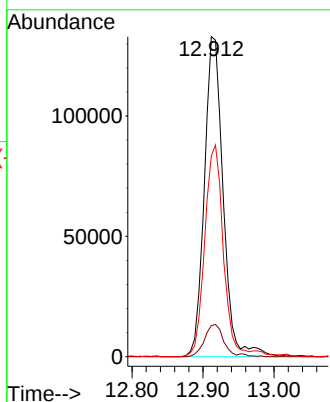
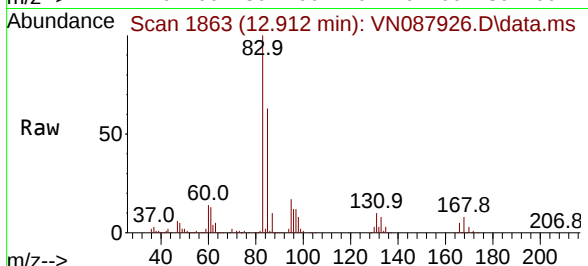




#75
 1,1,2,2-Tetrachloroethane
 Concen: 43.853 ug/l
 RT: 12.912 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VN087926.D
 Acq: 23 Sep 2025 10:15

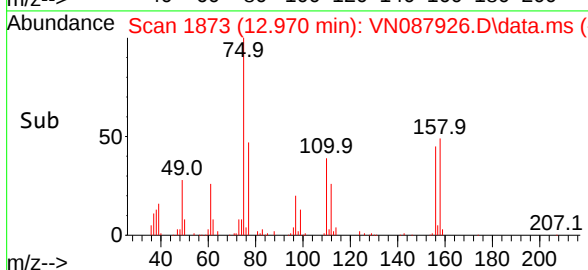
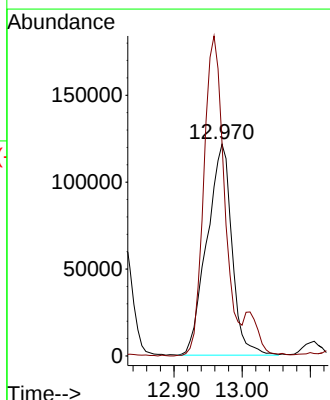
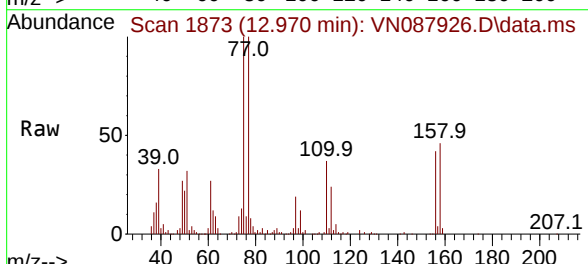
Instrument :
 MSVOA_N
 ClientSampleId :

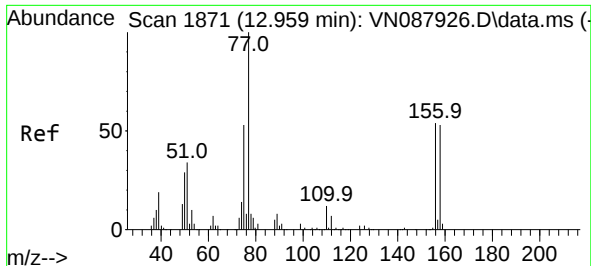
Tgt Ion:	83	Resp:	245260
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.2	15.6
85	64.7	32.4	97.0



#76
 1,2,3-Trichloropropane
 Concen: 62.347 ug/l
 RT: 12.970 min Scan# 1873
 Delta R.T. 0.000 min
 Lab File: VN087926.D
 Acq: 23 Sep 2025 10:15

Tgt Ion:	75	Resp:	309739
Ion Ratio	Lower	Upper	
75	100		
77	125.3	89.5	268.5

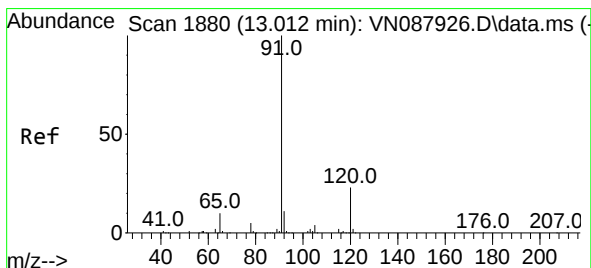
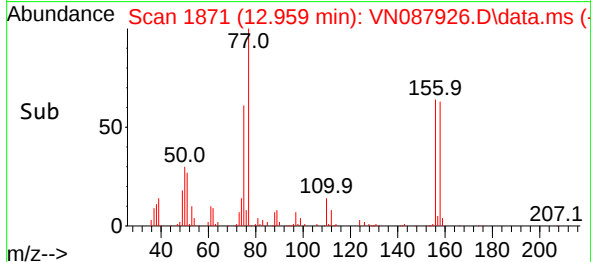
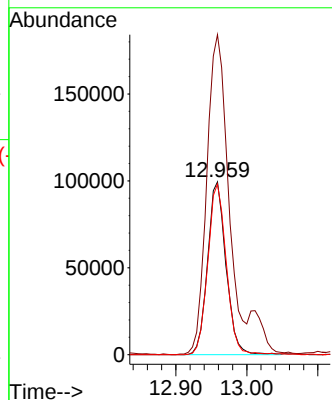
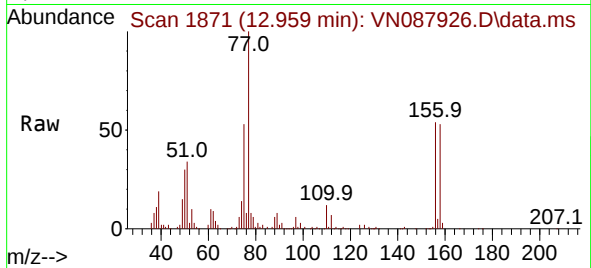




#77
Bromobenzene
Concen: 43.443 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN087926.D
Acq: 23 Sep 2025 10:15

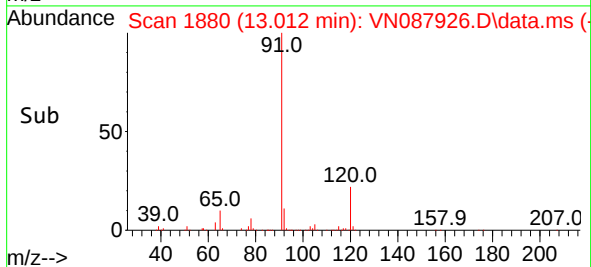
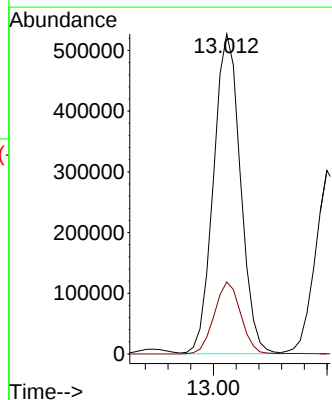
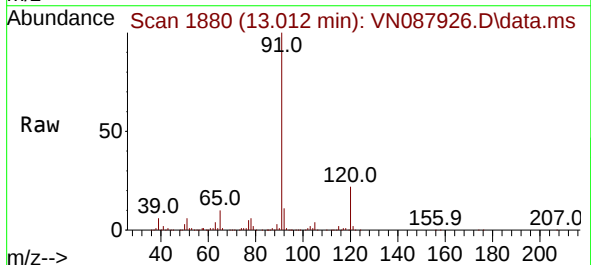
Instrument :
MSVOA_N
ClientSampleId :

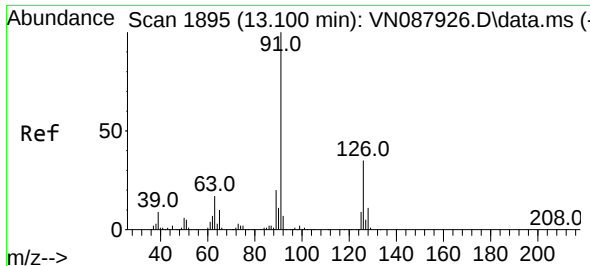
Tgt Ion:156 Resp: 179418
Ion Ratio Lower Upper
156 100
77 216.4 108.2 324.6
158 99.3 49.6 149.0



#78
n-propylbenzene
Concen: 44.749 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN087926.D
Acq: 23 Sep 2025 10:15

Tgt Ion: 91 Resp: 868436
Ion Ratio Lower Upper
91 100
120 22.1 11.1 33.1

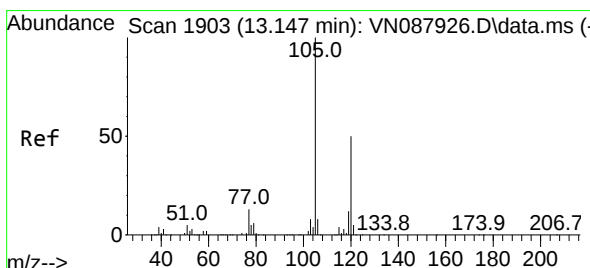
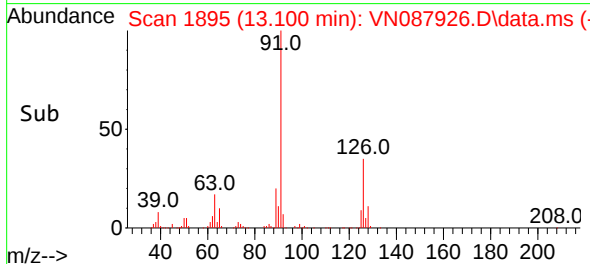
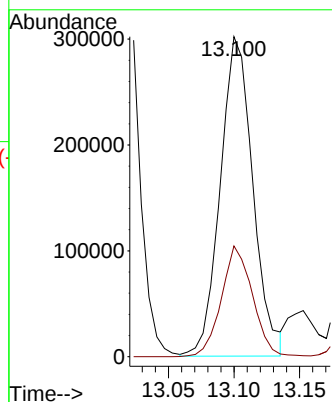
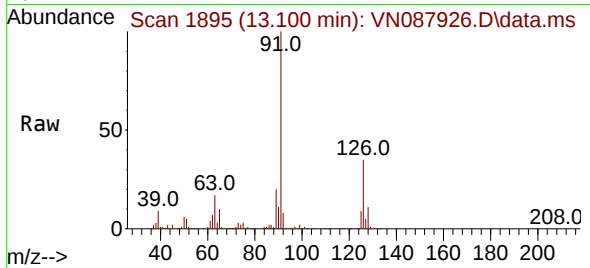




#79
2-Chlorotoluene
Concen: 44.174 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VN087926.D
Acq: 23 Sep 2025 10:15

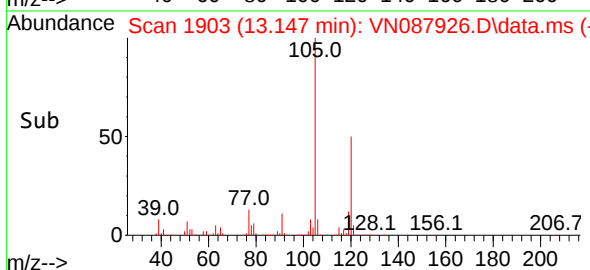
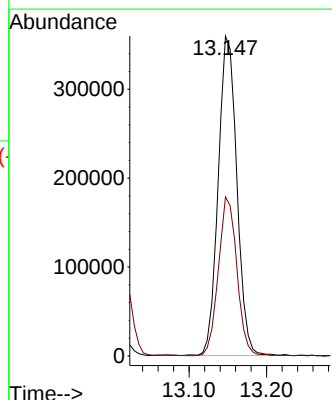
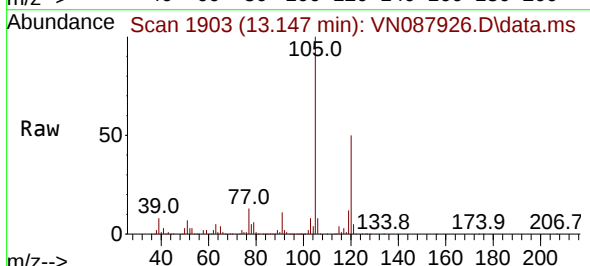
Instrument :
MSVOA_N
ClientSampleId :

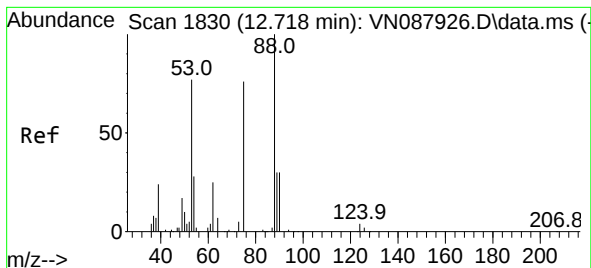
Tgt Ion: 91 Resp: 521993
Ion Ratio Lower Upper
91 100
126 33.2 16.6 49.8



#80
1,3,5-Trimethylbenzene
Concen: 44.765 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN087926.D
Acq: 23 Sep 2025 10:15

Tgt Ion:105 Resp: 601032
Ion Ratio Lower Upper
105 100
120 49.4 24.7 74.1

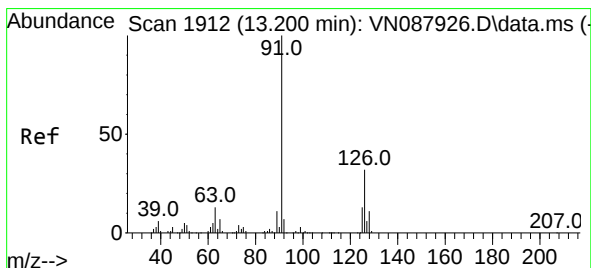
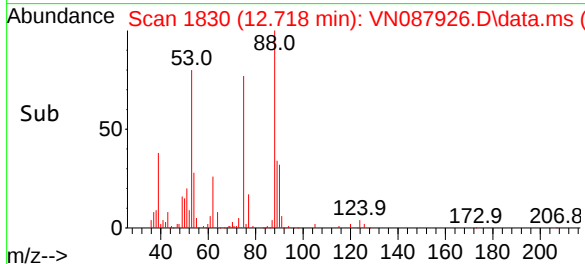
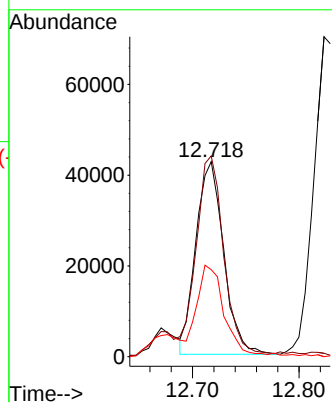
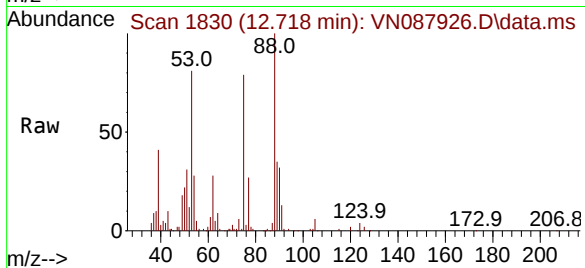




#81
 trans-1,4-Dichloro-2-butene
 Concen: 43.422 ug/l
 RT: 12.718 min Scan# 1830
 Delta R.T. 0.000 min
 Lab File: VN087926.D
 Acq: 23 Sep 2025 10:15

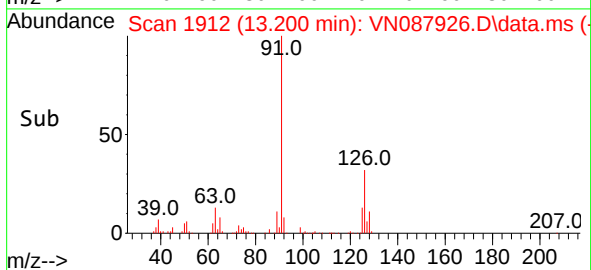
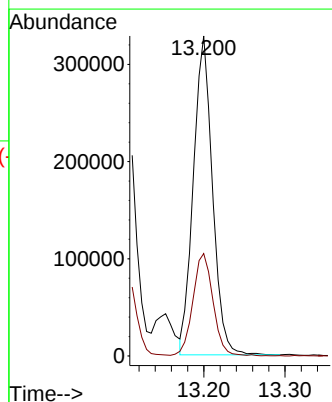
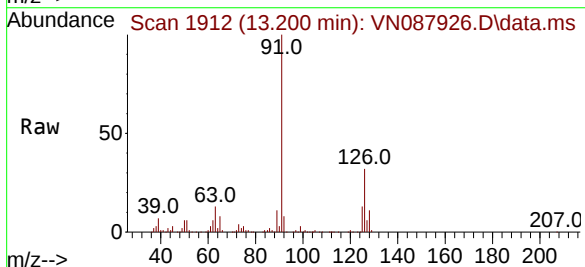
Instrument :
 MSVOA_N
 ClientSampleId :

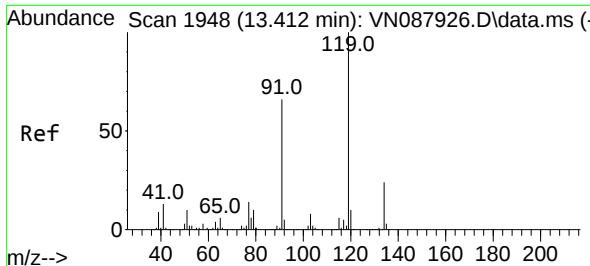
Tgt Ion: 75 Resp: 77199
 Ion Ratio Lower Upper
 75 100
 53 102.5 82.0 123.0
 89 45.1 36.1 54.1



#82
 4-Chlorotoluene
 Concen: 45.143 ug/l
 RT: 13.200 min Scan# 1912
 Delta R.T. 0.000 min
 Lab File: VN087926.D
 Acq: 23 Sep 2025 10:15

Tgt Ion: 91 Resp: 537514
 Ion Ratio Lower Upper
 91 100
 126 33.7 16.9 50.6

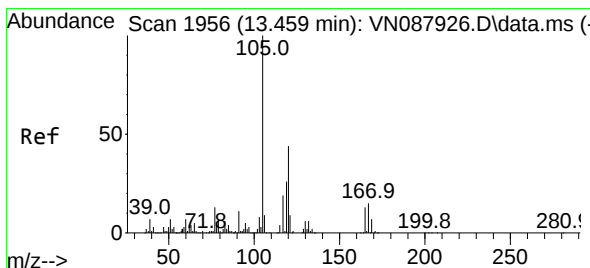
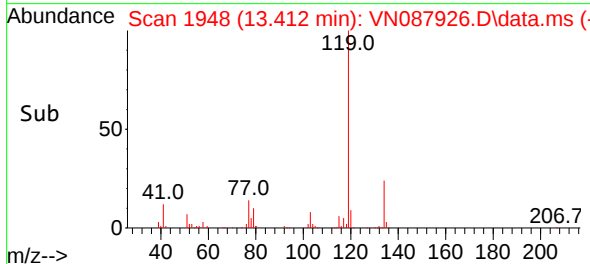
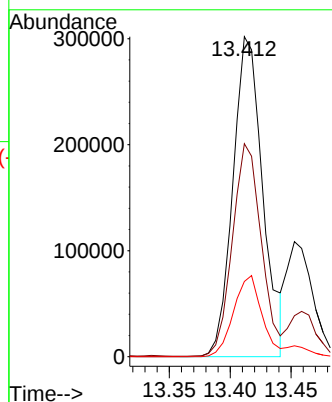
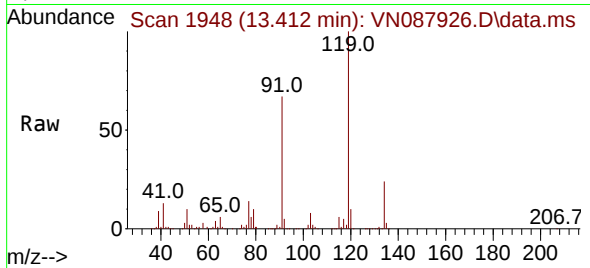




#83
 tert-Butylbenzene
 Concen: 45.383 ug/l
 RT: 13.412 min Scan# 1948
 Delta R.T. 0.000 min
 Lab File: VN087926.D
 Acq: 23 Sep 2025 10:15

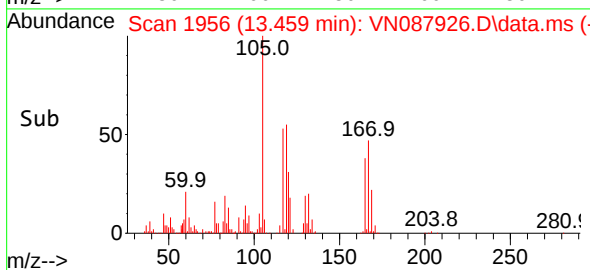
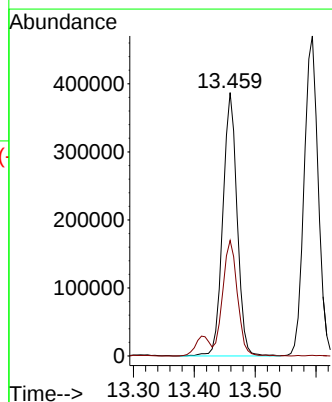
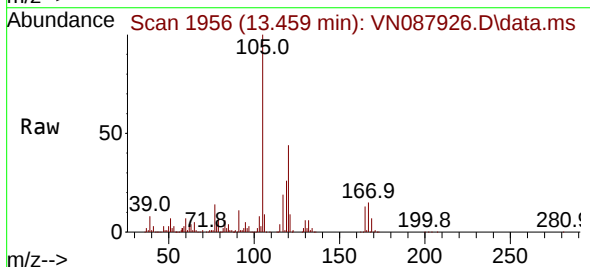
Instrument :
 MSVOA_N
 ClientSampleId :

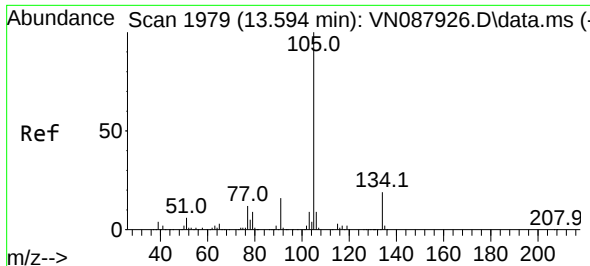
Tgt Ion:119 Resp: 515745
 Ion Ratio Lower Upper
 119 100
 91 64.2 32.1 96.3
 134 24.5 12.3 36.8



#84
 1,2,4-Trimethylbenzene
 Concen: 45.724 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. 0.000 min
 Lab File: VN087926.D
 Acq: 23 Sep 2025 10:15

Tgt Ion:105 Resp: 629687
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.4 67.3

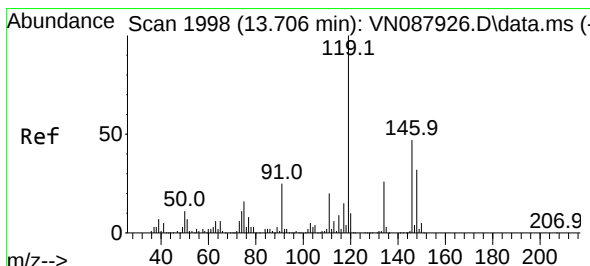
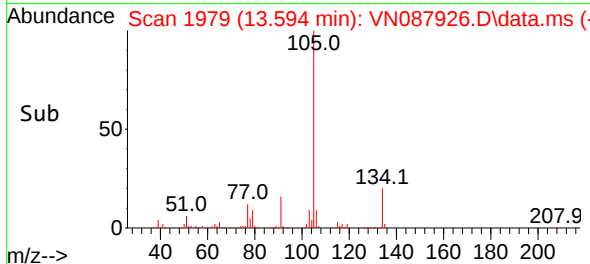
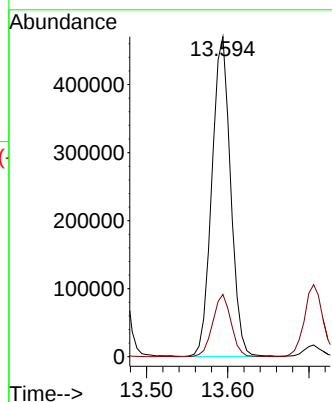
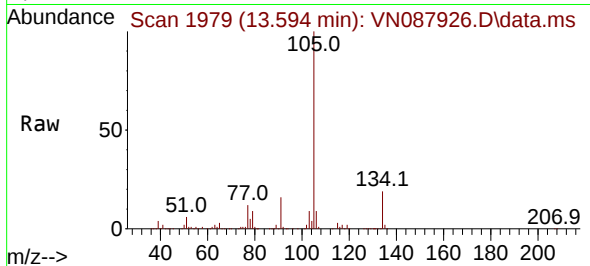




#85
 sec-Butylbenzene
 Concen: 45.162 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087926.D
 Acq: 23 Sep 2025 10:15

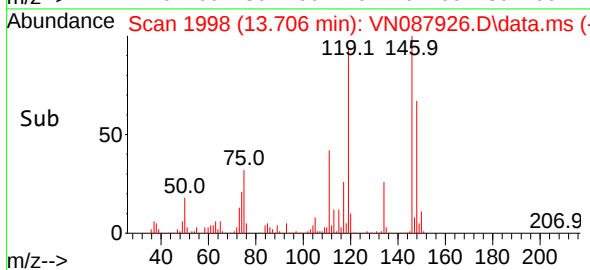
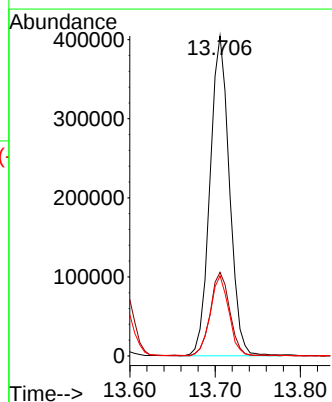
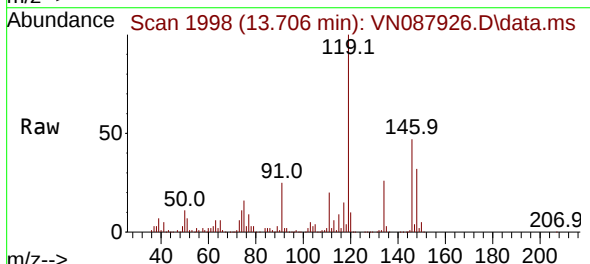
Instrument :
 MSVOA_N
 ClientSampleId :

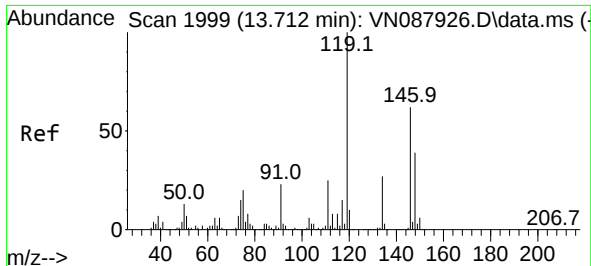
Tgt Ion:105 Resp: 752465
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 45.400 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN087926.D
 Acq: 23 Sep 2025 10:15

Tgt Ion:119 Resp: 640667
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.3
 91 23.7 11.9 35.5

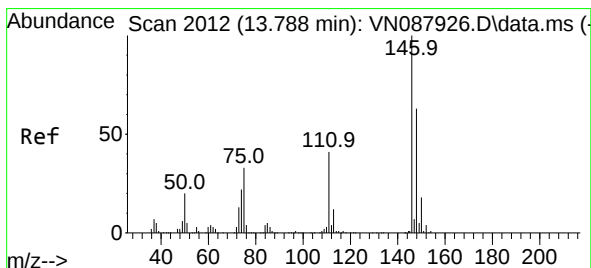
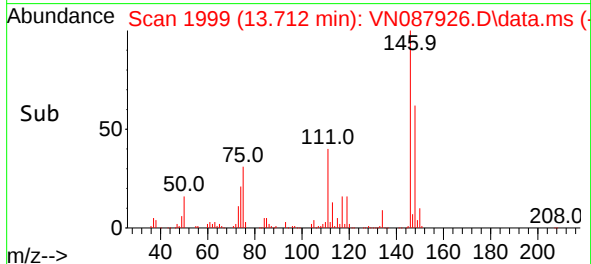
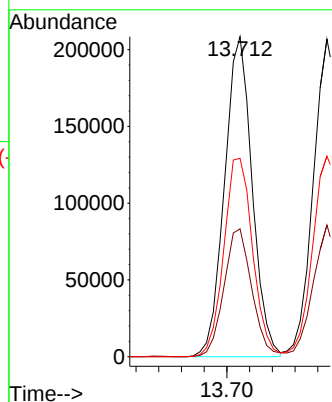
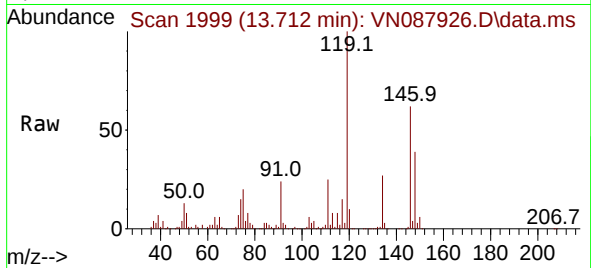




#87
 1,3-Dichlorobenzene
 Concen: 43.608 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN087926.D
 Acq: 23 Sep 2025 10:15

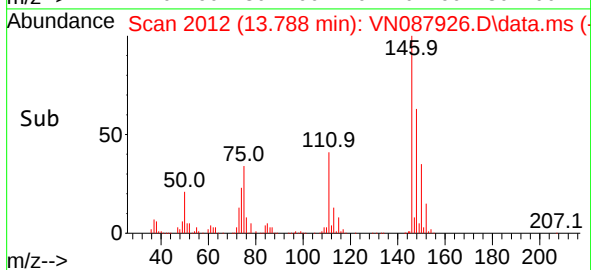
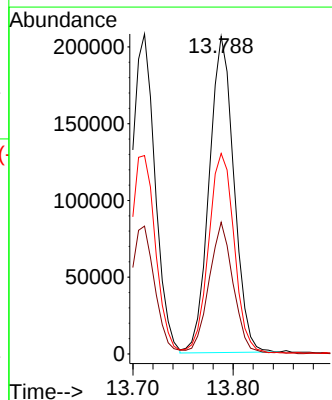
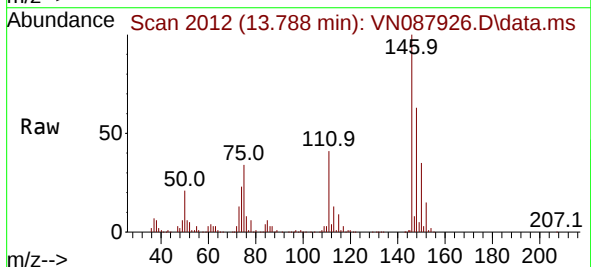
Instrument :
 MSVOA_N
 ClientSampleId :

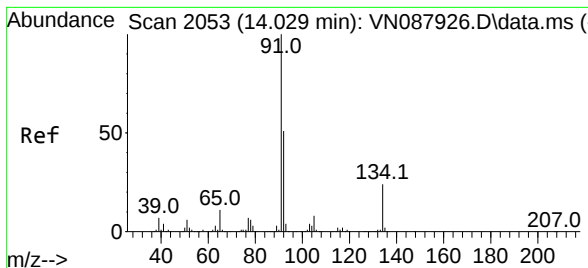
Tgt Ion:146 Resp: 351453
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.3 60.8
 148 64.8 32.4 97.2



#88
 1,4-Dichlorobenzene
 Concen: 42.717 ug/l
 RT: 13.788 min Scan# 1212
 Delta R.T. 0.000 min
 Lab File: VN087926.D
 Acq: 23 Sep 2025 10:15

Tgt Ion:146 Resp: 353807
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.5 61.5
 148 65.6 32.8 98.4





#89

n-Butylbenzene

Concen: 44.552 ug/l

RT: 14.029 min Scan# 2053

Delta R.T. 0.000 min

Lab File: VN087926.D

Acq: 23 Sep 2025 10:15

Instrument :

MSVOA_N

ClientSampleId :

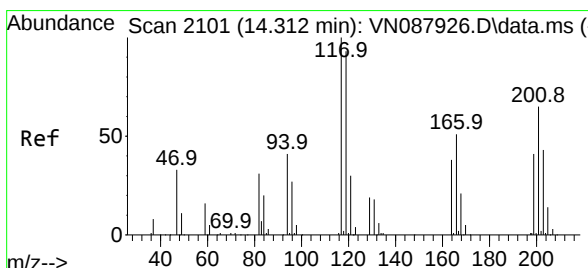
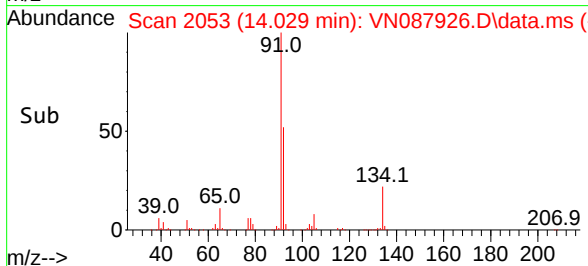
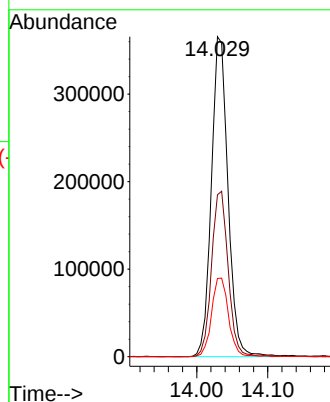
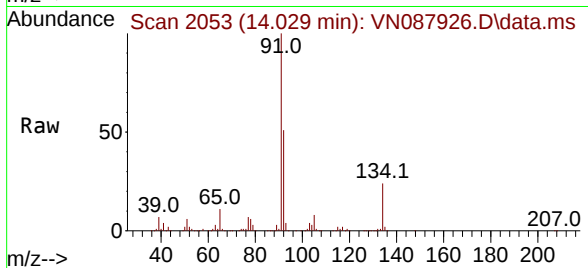
Tgt Ion: 91 Resp: 594156

Ion Ratio Lower Upper

91 100

92 51.9 25.9 77.8

134 25.2 12.6 37.8



#90

Hexachloroethane

Concen: 42.879 ug/l

RT: 14.312 min Scan# 2101

Delta R.T. 0.000 min

Lab File: VN087926.D

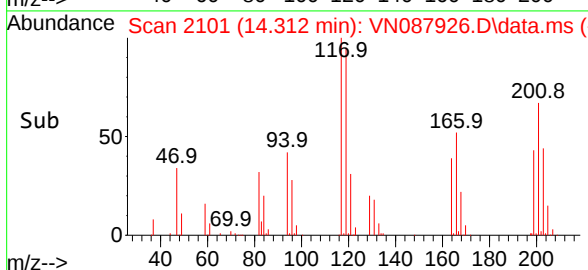
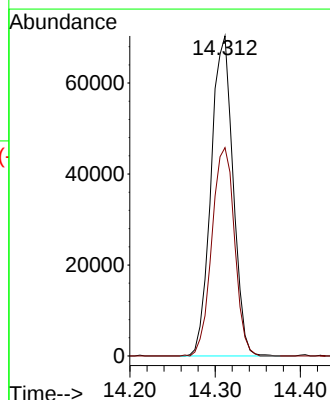
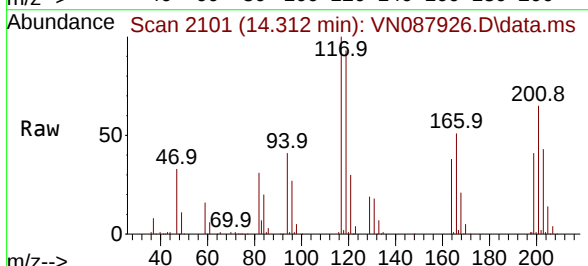
Acq: 23 Sep 2025 10:15

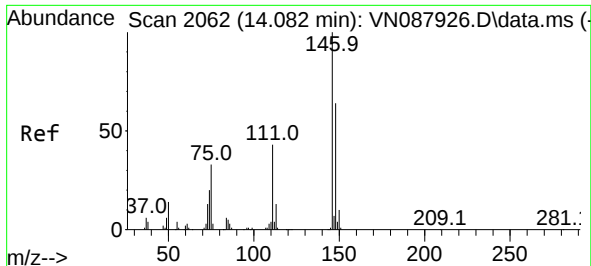
Tgt Ion: 117 Resp: 126396

Ion Ratio Lower Upper

117 100

201 67.1 33.6 100.6

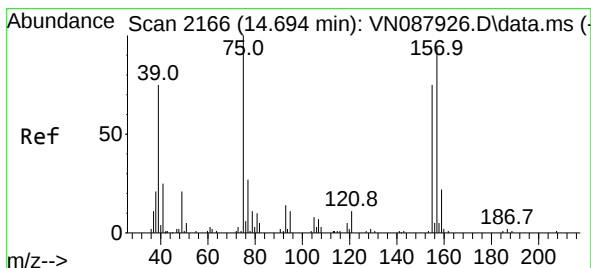
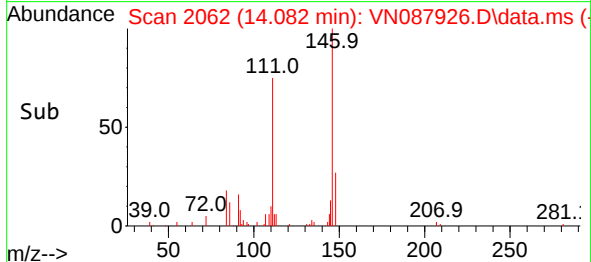
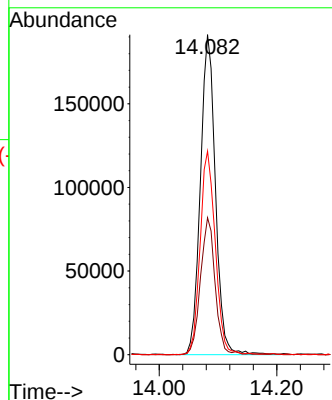
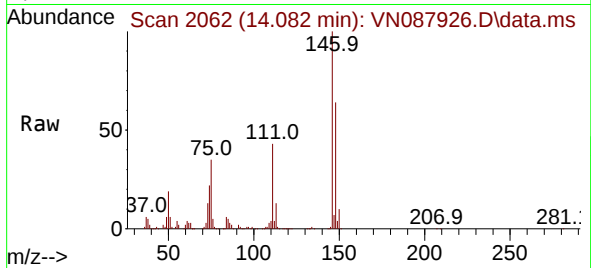




#91
 1,2-Dichlorobenzene
 Concen: 43.744 ug/l
 RT: 14.082 min Scan# 2062
 Delta R.T. 0.000 min
 Lab File: VN087926.D
 Acq: 23 Sep 2025 10:15

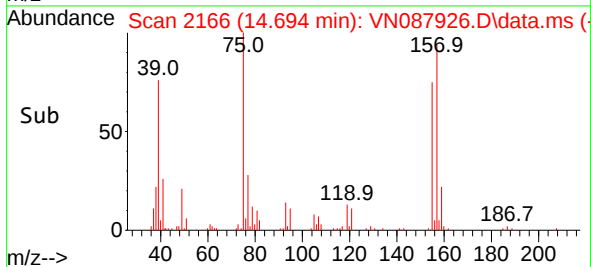
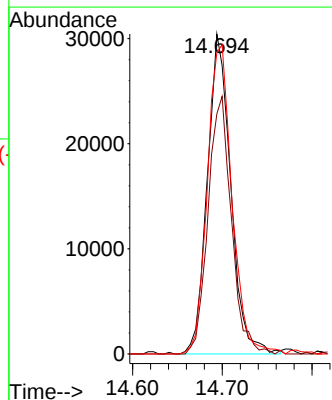
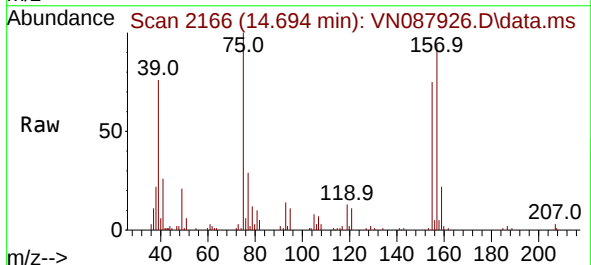
Instrument :
 MSVOA_N
 ClientSampleId :

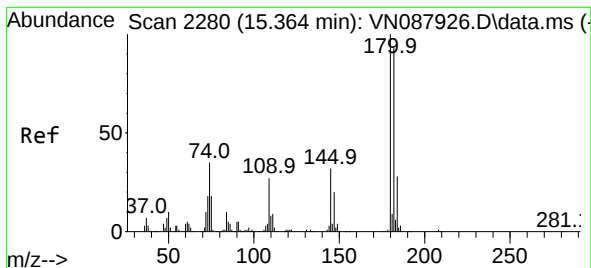
Tgt Ion:146 Resp: 339824
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.9 62.7
 148 63.9 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.468 ug/l
 RT: 14.694 min Scan# 2166
 Delta R.T. 0.000 min
 Lab File: VN087926.D
 Acq: 23 Sep 2025 10:15

Tgt Ion: 75 Resp: 55187
 Ion Ratio Lower Upper
 75 100
 155 80.4 40.2 120.6
 157 101.8 50.9 152.7





#93

1,2,4-Trichlorobenzene

Concen: 43.192 ug/l

RT: 15.364 min Scan# 2280

Delta R.T. 0.000 min

Lab File: VN087926.D

Acq: 23 Sep 2025 10:15

Instrument :

MSVOA_N

ClientSampleId :

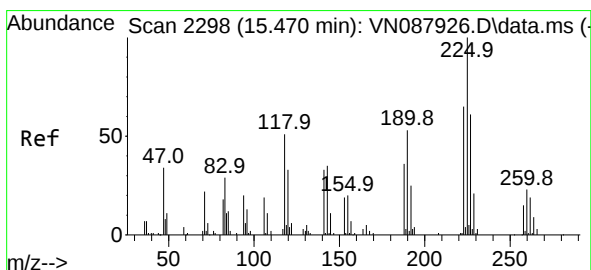
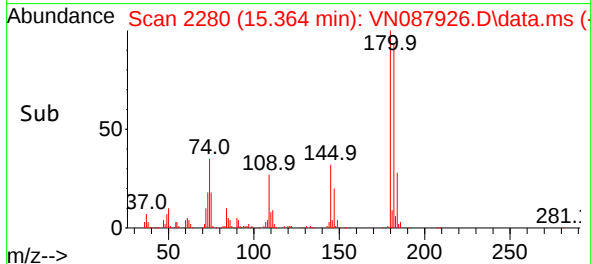
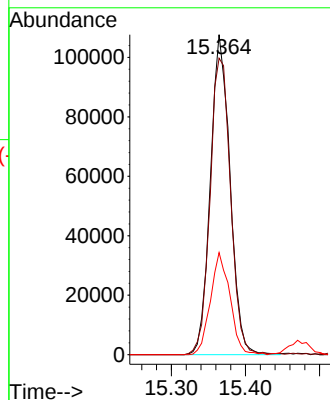
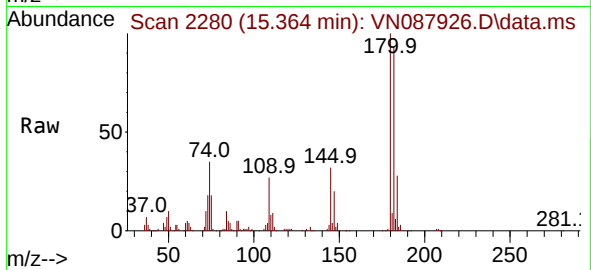
Tgt Ion:180 Resp: 198112

Ion Ratio Lower Upper

180 100

182 97.0 48.5 145.5

145 31.7 15.9 47.6



#94

Hexachlorobutadiene

Concen: 43.512 ug/l

RT: 15.470 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VN087926.D

Acq: 23 Sep 2025 10:15

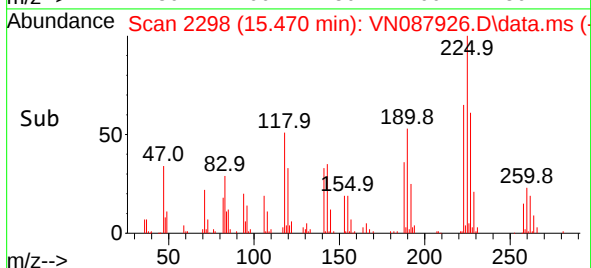
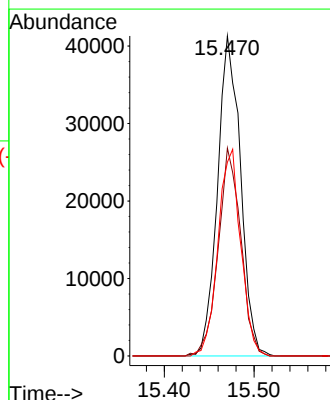
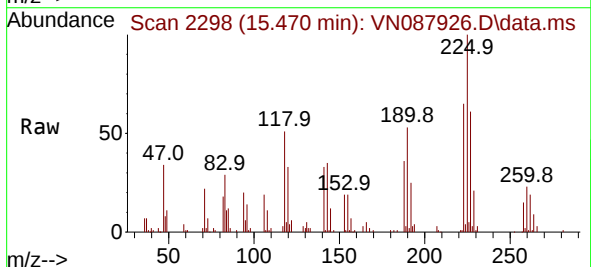
Tgt Ion:225 Resp: 73457

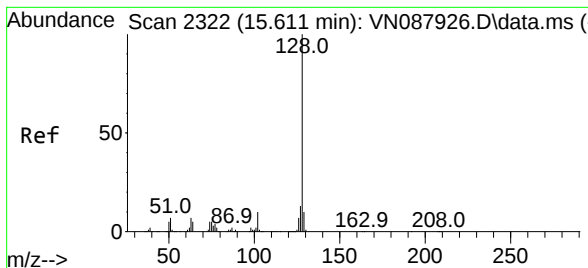
Ion Ratio Lower Upper

225 100

223 63.6 31.8 95.4

227 63.9 31.9 95.9





#95

Naphthalene

Concen: 44.238 ug/l

RT: 15.611 min Scan# 2322

Delta R.T. 0.000 min

Lab File: VN087926.D

Acq: 23 Sep 2025 10:15

Instrument :

MSVOA_N

ClientSampleId :

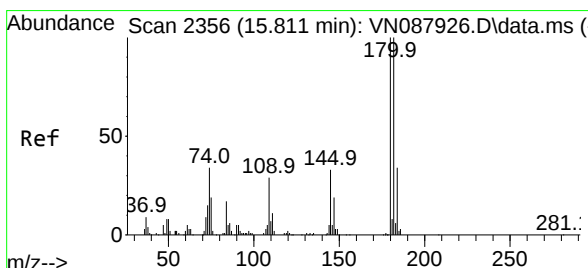
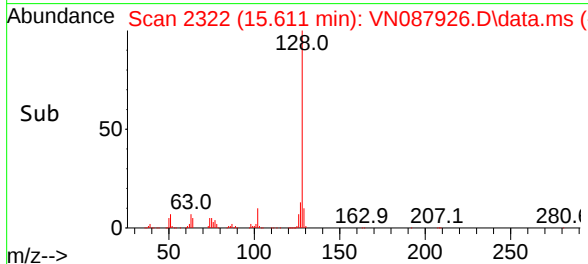
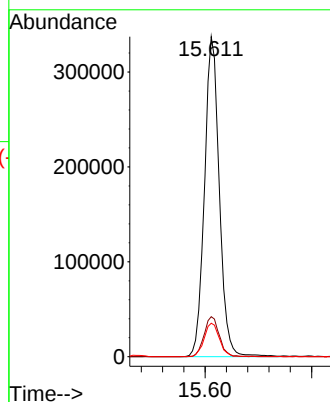
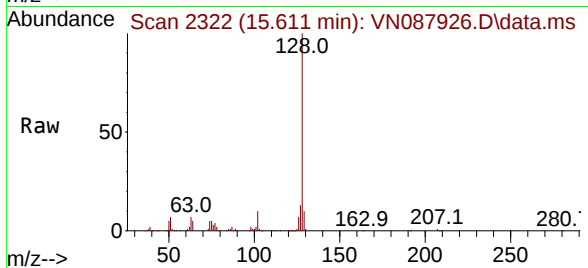
Tgt Ion:128 Resp: 651337

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 43.995 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. 0.000 min

Lab File: VN087926.D

Acq: 23 Sep 2025 10:15

Tgt Ion:180 Resp: 196179

Ion Ratio Lower Upper

180 100

182 94.7 47.3 142.0

145 32.2 16.1 48.3

