

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
 Data File : VN087928.D
 Acq On : 23 Sep 2025 10:56
 Operator : JC\MD
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 24 04:49:44 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	261684	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	469572	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	448321	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	234506	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	688147	156.257	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 312.520%#	
35) Dibromofluoromethane	8.147	113	529816	155.401	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 310.800%#	
50) Toluene-d8	10.547	98	1953189	162.910	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 325.820%#	
62) 4-Bromofluorobenzene	12.829	95	698306	162.944	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 325.880%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	480645	158.601	ug/l	97
3) Chloromethane	2.383	50	472896	152.400	ug/l	99
4) Vinyl Chloride	2.536	62	481283	152.029	ug/l	99
5) Bromomethane	2.942	94	325624	165.915	ug/l	97
6) Chloroethane	3.118	64	319724	155.328	ug/l	96
7) Trichlorofluoromethane	3.500	101	775109	150.380	ug/l	98
8) Diethyl Ether	3.959	74	304158	156.198	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.359	101	414564	152.176	ug/l	97
10) Methyl Iodide	4.577	142	465699	189.939	ug/l	97
11) Tert butyl alcohol	5.530	59	507633	800.280	ug/l	99
12) 1,1-Dichloroethene	4.336	96	423177	153.951	ug/l	91
13) Acrolein	4.177	56	683544	839.839	ug/l	95
14) Allyl chloride	5.012	41	726966	162.449	ug/l	96
15) Acrylonitrile	5.706	53	1569579	788.849	ug/l	99
16) Acetone	4.418	43	1277870	700.927	ug/l	98
17) Carbon Disulfide	4.700	76	1312297	152.800	ug/l	98
18) Methyl Acetate	5.012	43	732961	161.634	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	1771056	164.937	ug/l	98
20) Methylene Chloride	5.259	84	534218	145.657	ug/l	97
21) trans-1,2-Dichloroethene	5.771	96	513466	152.375	ug/l	96
22) Diisopropyl ether	6.659	45	1726637	165.280	ug/l	97
23) Vinyl Acetate	6.588	43	8000773	909.597	ug/l	99
24) 1,1-Dichloroethane	6.553	63	947100	155.178	ug/l	99
25) 2-Butanone	7.471	43	2176088	785.726	ug/l	98
26) 2,2-Dichloropropane	7.471	77	839353	154.787	ug/l	98
27) cis-1,2-Dichloroethene	7.471	96	631177	157.420	ug/l	99
28) Bromochloromethane	7.794	49	447101	134.830	ug/l	100
29) Tetrahydrofuran	7.824	42	1456588	821.368	ug/l	99
30) Chloroform	7.947	83	1030586	154.431	ug/l	100
31) Cyclohexane	8.235	56	746273	151.116	ug/l	97
32) 1,1,1-Trichloroethane	8.147	97	889373	157.722	ug/l	97
36) 1,1-Dichloropropene	8.353	75	673022	164.170	ug/l	98
37) Ethyl Acetate	7.547	43	874349	162.416	ug/l	98
38) Carbon Tetrachloride	8.341	117	763232	162.245	ug/l	93
39) Methylcyclohexane	9.576	83	791897	175.104	ug/l	98
40) Benzene	8.588	78	2169328	159.817	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	460218	165.421	ug/l	97
42) 1,2-Dichloroethane	8.653	62	796063	157.154	ug/l	99
43) Isopropyl Acetate	8.671	43	1418775	167.431	ug/l	99
44) Trichloroethene	9.329	130	517259	159.533	ug/l	96
45) 1,2-Dichloropropane	9.600	63	530435	155.841	ug/l	98
46) Dibromomethane	9.688	93	432679	161.101	ug/l	96
47) Bromodichloromethane	9.865	83	840816	159.615	ug/l	97
48) Methyl methacrylate	9.665	41	674610	171.912	ug/l	96
49) 1,4-Dioxane	9.682	88	190965	3294.105	ug/l #	82
51) 4-Methyl-2-Pentanone	10.424	43	4326882	818.303	ug/l	100
52) Toluene	10.606	92	1406217	165.088	ug/l	100
53) t-1,3-Dichloropropene	10.818	75	916112	169.924	ug/l	99
54) cis-1,3-Dichloropropene	10.294	75	928185	165.762	ug/l	99
55) 1,1,2-Trichloroethane	10.994	97	540596	156.087	ug/l	98
56) Ethyl methacrylate	10.853	69	907047	181.247	ug/l	98
57) 1,3-Dichloropropane	11.141	76	916449	160.877	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	2200367	935.130	ug/l	98
59) 2-Hexanone	11.176	43	3073538	879.085	ug/l	98
60) Dibromochloromethane	11.335	129	674217	165.568	ug/l	99
61) 1,2-Dibromoethane	11.447	107	590968	161.179	ug/l	100
64) Tetrachloroethene	11.082	164	440710	161.378	ug/l	95
65) Chlorobenzene	11.870	112	1551249	162.594	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.935	131	550130	159.899	ug/l	98
67) Ethyl Benzene	11.941	91	2719603	170.833	ug/l	98
68) m/p-Xylenes	12.047	106	2063388	338.900	ug/l	98
69) o-Xylene	12.376	106	1010983	172.832	ug/l	99
70) Styrene	12.388	104	1764226	175.610	ug/l	99
71) Bromoform	12.559	173	473708	169.708	ug/l #	99
73) Isopropylbenzene	12.670	105	2569941	176.821	ug/l	100
74) N-amyl acetate	12.482	43	869458	200.832	ug/l #	71
75) 1,1,2,2-Tetrachloroethane	12.917	83	821974	156.965	ug/l	99
76) 1,2,3-Trichloropropane	12.970	75	1113293	239.329	ug/l	60
77) Bromobenzene	12.959	156	644570	166.683	ug/l	97
78) n-propylbenzene	13.012	91	3116141	171.486	ug/l	99
79) 2-Chlorotoluene	13.100	91	1861996	168.288	ug/l	100
80) 1,3,5-Trimethylbenzene	13.153	105	2165785	172.277	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.717	75	314140	188.706	ug/l	97
82) 4-Chlorotoluene	13.200	91	1903146	170.704	ug/l	99
83) tert-Butylbenzene	13.417	119	1845254	173.412	ug/l	96
84) 1,2,4-Trimethylbenzene	13.459	105	2233067	173.177	ug/l	100
85) sec-Butylbenzene	13.594	105	2666471	170.918	ug/l	99
86) p-Isopropyltoluene	13.706	119	2296563	173.808	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	1227647	162.683	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	1227019	158.218	ug/l	98
89) n-Butylbenzene	14.035	91	2137754	171.197	ug/l	99
90) Hexachloroethane	14.306	117	445654	161.465	ug/l	98
91) 1,2-Dichlorobenzene	14.082	146	1177111	161.827	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	201299	165.436	ug/l	96
93) 1,2,4-Trichlorobenzene	15.364	180	773312	180.060	ug/l	97
94) Hexachlorobutadiene	15.470	225	263904	166.949	ug/l	100
95) Naphthalene	15.611	128	2600638	188.641	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	751222	179.922	ug/l	99

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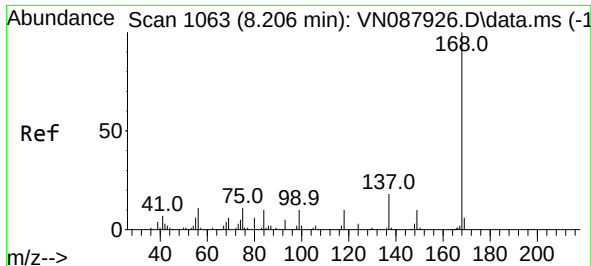
Quant Time: Sep 24 04:49:44 2025
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QLast Update : Wed Sep 24 04:45:42 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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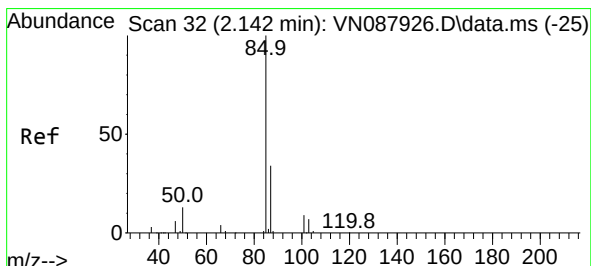
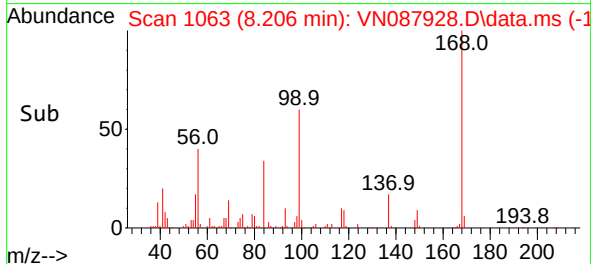
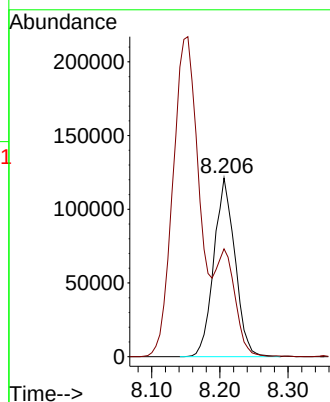
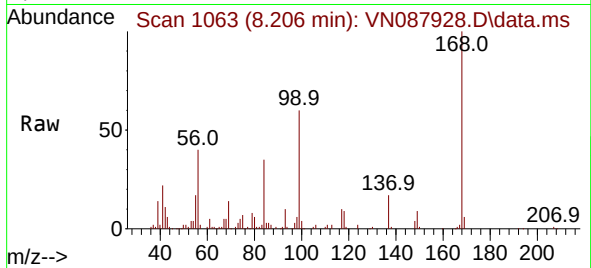




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087928.D
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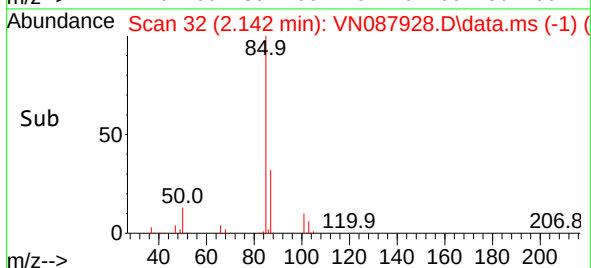
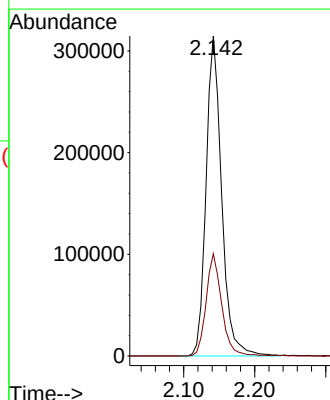
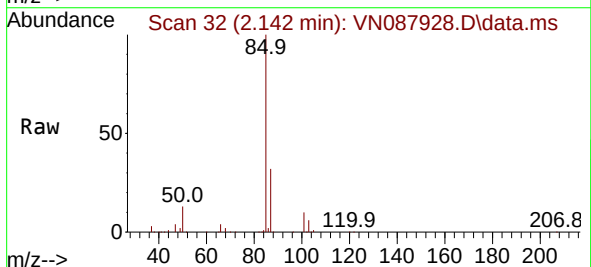
Instrument :
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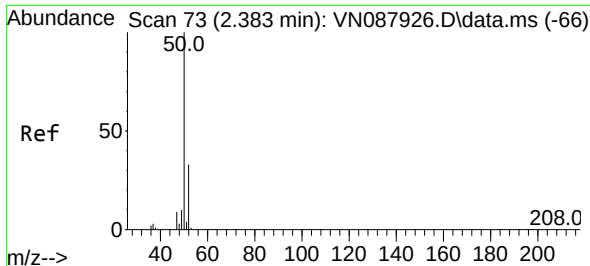
Tgt Ion:168 Resp: 261684
Ion Ratio Lower Upper
168 100
99 60.0 52.2 78.2



#2
Dichlorodifluoromethane
Concen: 158.601 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087928.D
Acq: 23 Sep 2025 10:56

Tgt Ion: 85 Resp: 480645
Ion Ratio Lower Upper
85 100
87 31.9 16.9 50.6

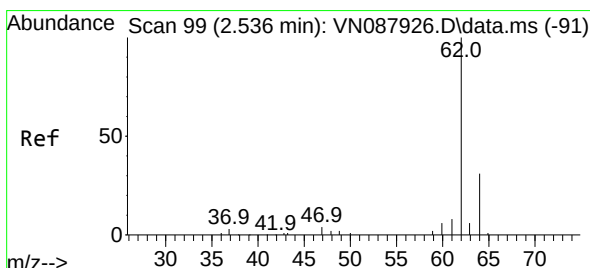
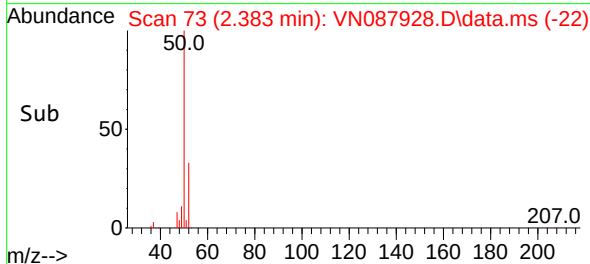
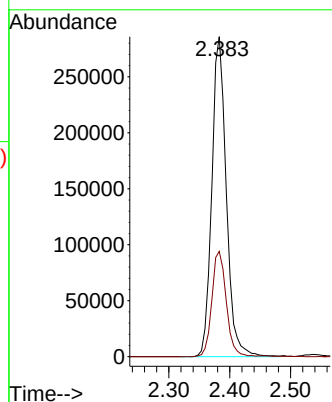
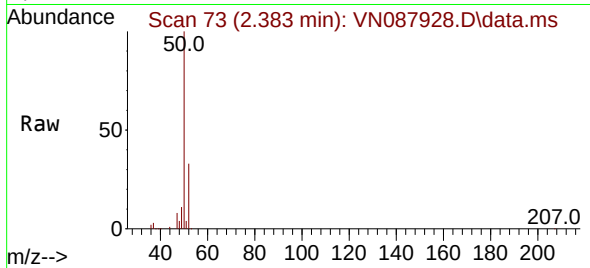




#3
Chloromethane
Concen: 152.400 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087928.D
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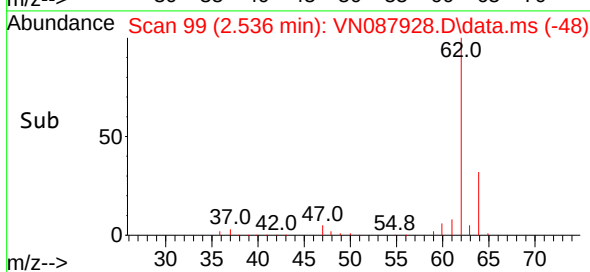
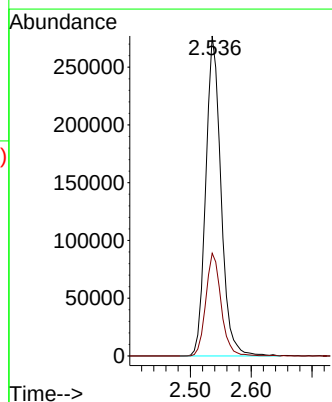
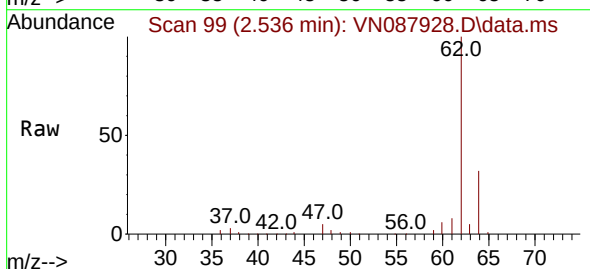
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MSVOA_N
ClientSampleId :

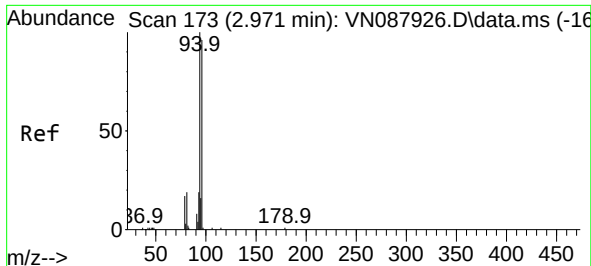
Tgt Ion: 50 Resp: 472896
Ion Ratio Lower Upper
50 100
52 32.9 26.6 40.0



#4
Vinyl Chloride
Concen: 152.029 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.000 min
Lab File: VN087928.D
Acq: 23 Sep 2025 10:56

Tgt Ion: 62 Resp: 481283
Ion Ratio Lower Upper
62 100
64 32.1 25.2 37.8

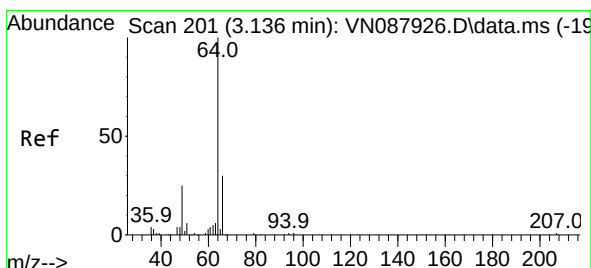
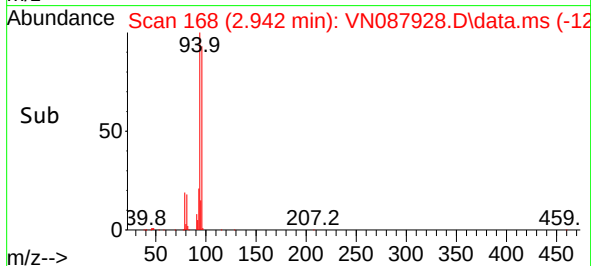
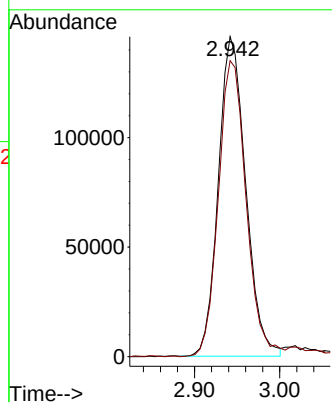
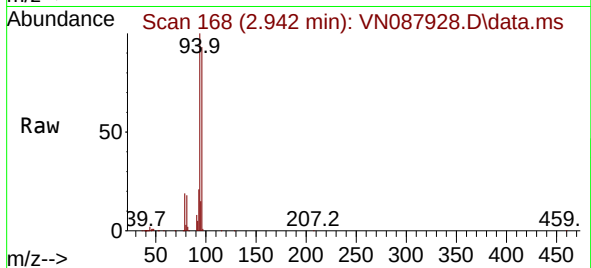




#5
Bromomethane
Concen: 165.915 ug/l
RT: 2.942 min Scan# 1
Delta R.T. -0.029 min
Lab File: VN087928.D
Acq: 23 Sep 2025 10:56

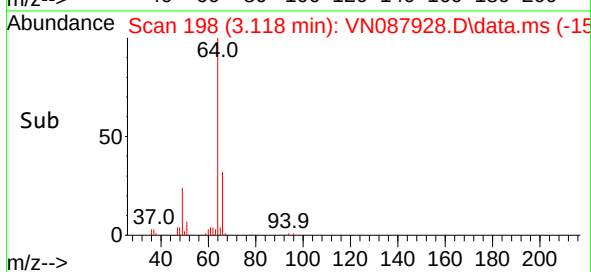
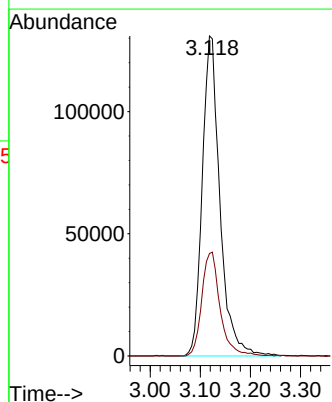
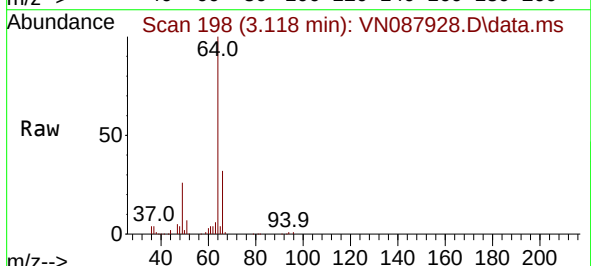
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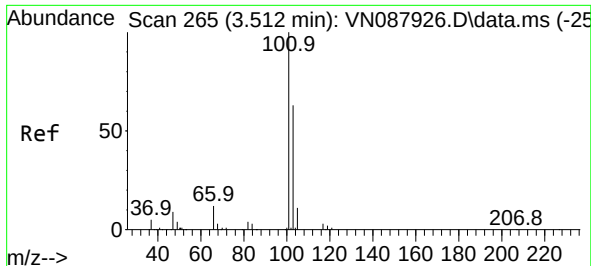
Tgt Ion: 94 Resp: 325624
Ion Ratio Lower Upper
94 100
96 92.6 76.8 115.2



#6
Chloroethane
Concen: 155.328 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.018 min
Lab File: VN087928.D
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Tgt Ion: 64 Resp: 319724
Ion Ratio Lower Upper
64 100
66 32.0 23.8 35.8

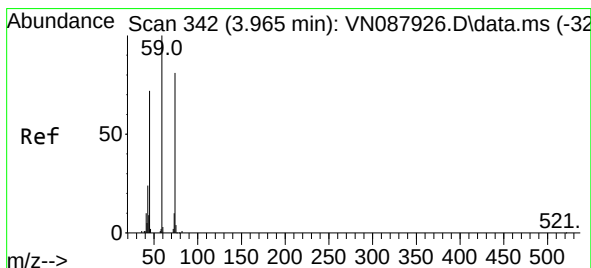
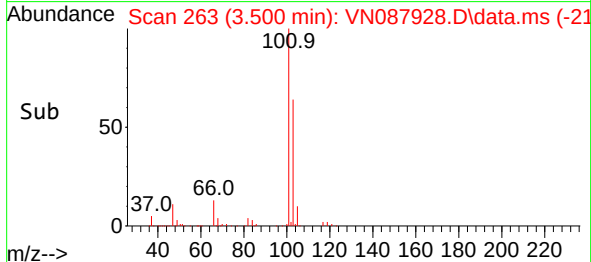
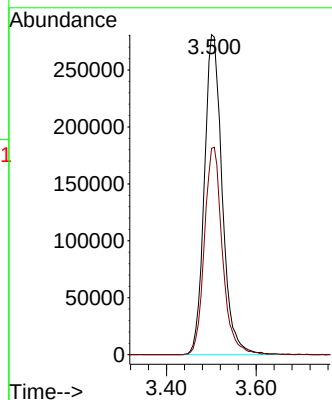
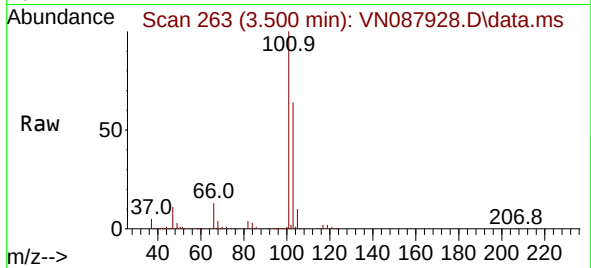




#7
 Trichlorofluoromethane
 Concen: 150.380 ug/l
 RT: 3.500 min Scan# 20
 Delta R.T. -0.012 min
 Lab File: VN087928.D
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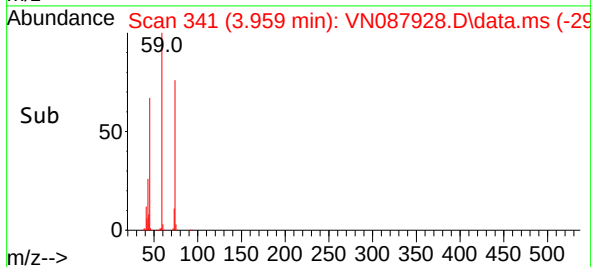
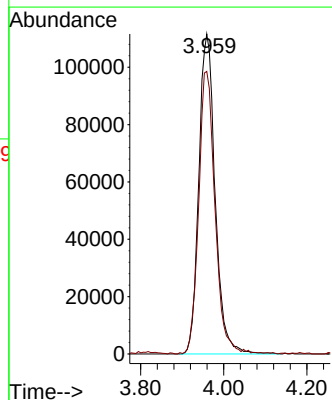
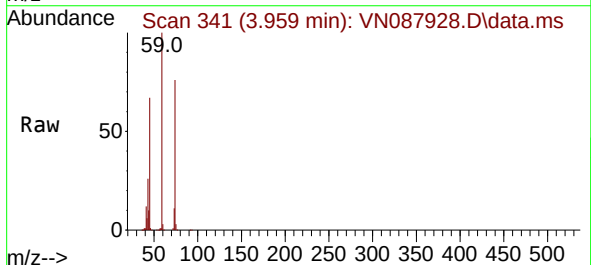
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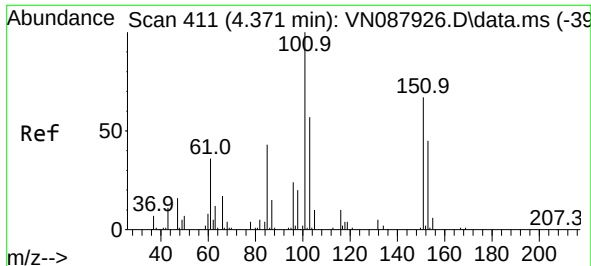
Tgt Ion:101 Resp: 775109
 Ion Ratio Lower Upper
 101 100
 103 64.5 50.2 75.4



#8
 Diethyl Ether
 Concen: 156.198 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN087928.D
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Tgt Ion: 74 Resp: 304158
 Ion Ratio Lower Upper
 74 100
 45 88.3 45.4 136.1

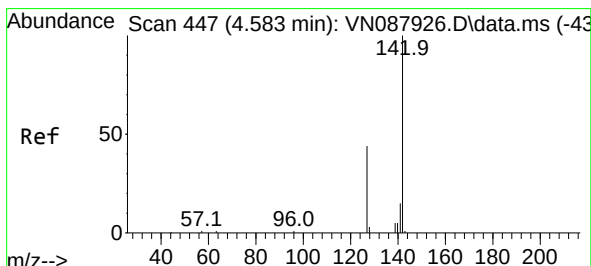
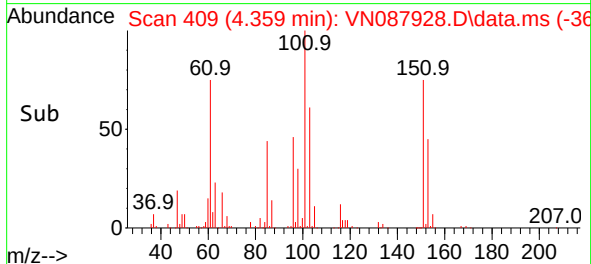
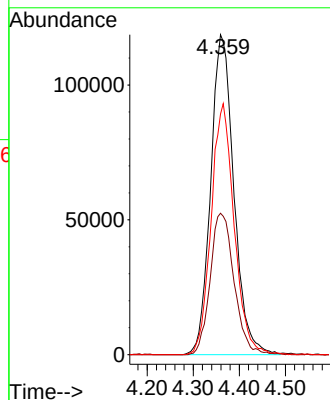
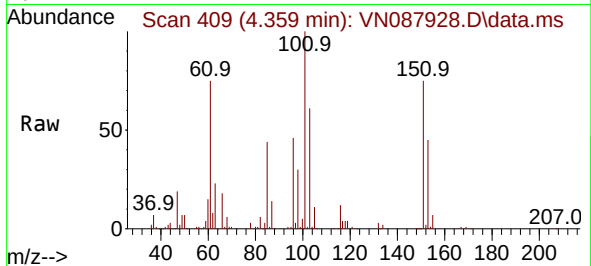




#9
1,1,2-Trichlorotrifluoroethane
Concen: 152.176 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.012 min
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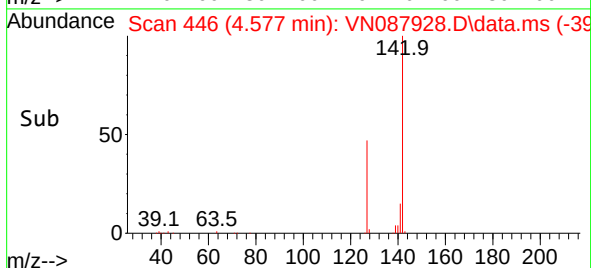
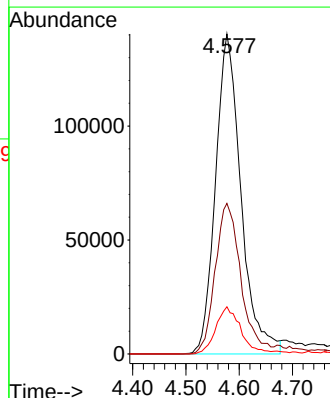
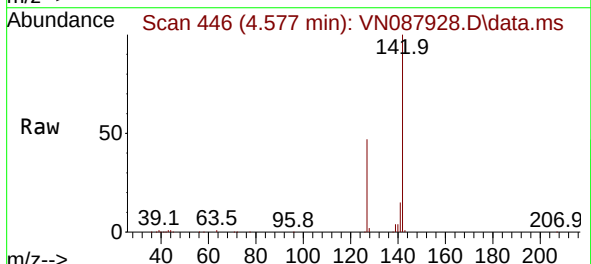
Instrument :
MSVOA_N
ClientSampleId :

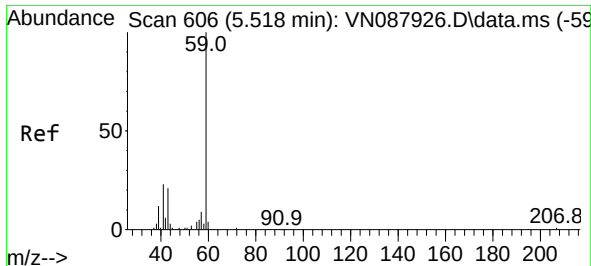
Tgt Ion:101 Resp: 414564
Ion Ratio Lower Upper
101 100
85 45.6 36.5 54.7
151 77.9 58.6 87.8



#10
Methyl Iodide
Concen: 189.939 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.006 min
Lab File: VN087928.D
Acq: 23 Sep 2025 10:56

Tgt Ion:142 Resp: 465699
Ion Ratio Lower Upper
142 100
127 47.1 35.3 52.9
141 14.8 11.8 17.8

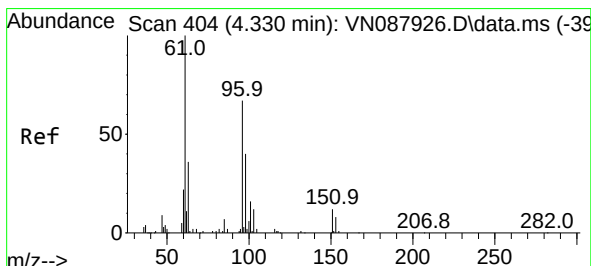
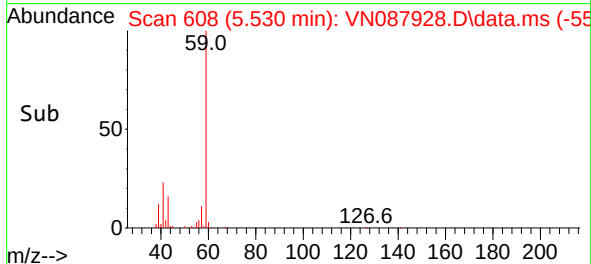
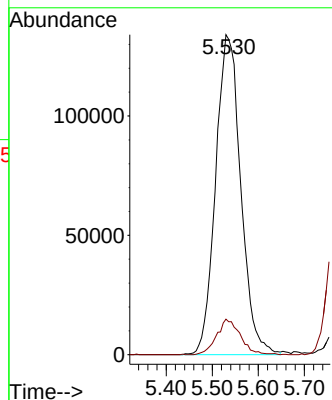
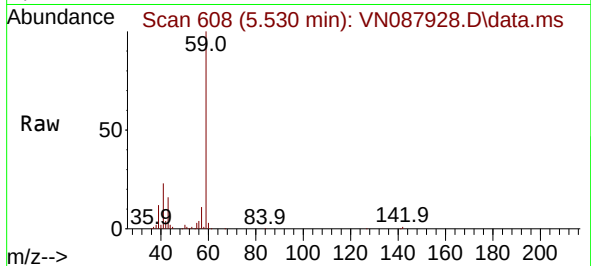




#11
Tert butyl alcohol
Concen: 800.280 ug/l
RT: 5.530 min Scan# 606
Delta R.T. 0.012 min
Lab File: VN087928.D
Acq: 23 Sep 2025 10:56

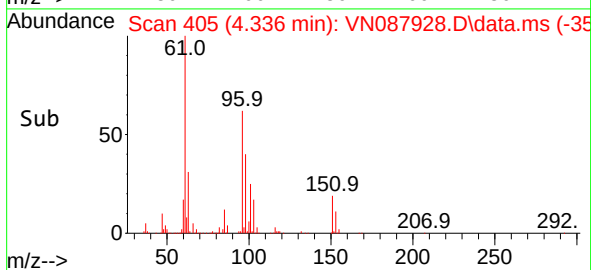
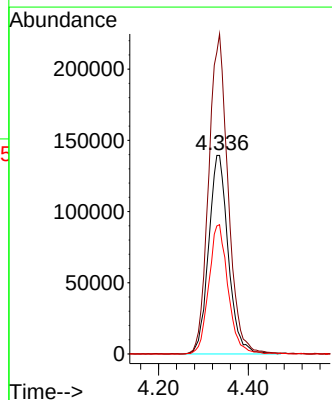
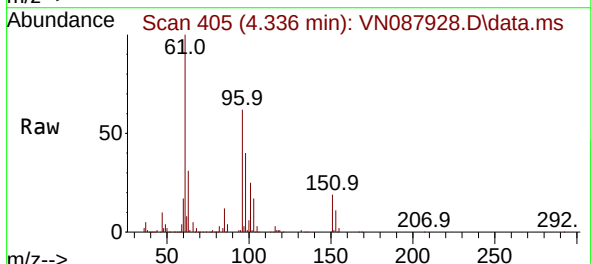
Instrument :
MSVOA_N
ClientSampleId :

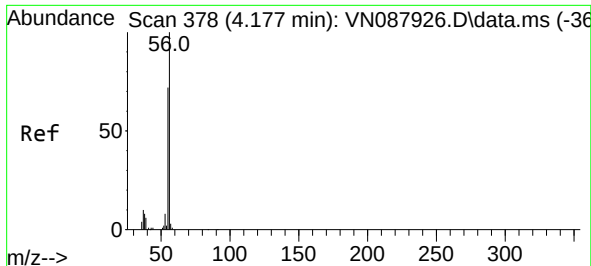
Tgt Ion: 59 Resp: 507633
Ion Ratio Lower Upper
59 100
57 10.5 8.8 13.2



#12
1,1-Dichloroethene
Concen: 153.951 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.006 min
Lab File: VN087928.D
Acq: 23 Sep 2025 10:56

Tgt Ion: 96 Resp: 423177
Ion Ratio Lower Upper
96 100
61 161.1 119.2 178.8
98 65.1 47.5 71.3





#13

Acrolein

Concen: 839.839 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

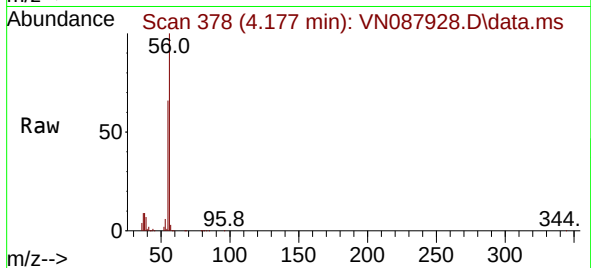
Lab File: VN087928.D

Acq: 23 Sep 2025 10:56

Instrument :

MSVOA_N

ClientSampleId :

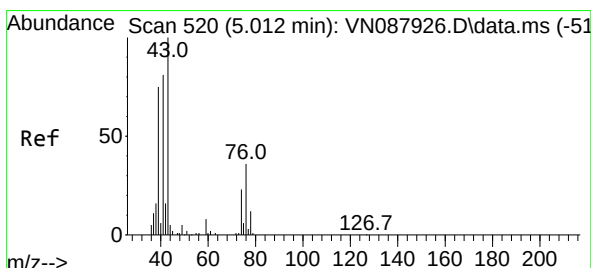
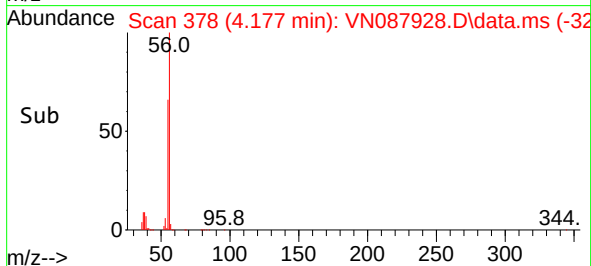
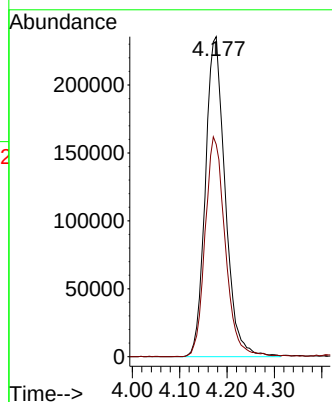


Tgt Ion: 56 Resp: 683544

Ion Ratio Lower Upper

56 100

55 69.8 59.3 88.9



#14

Allyl chloride

Concen: 162.449 ug/l

RT: 5.012 min Scan# 520

Delta R.T. -0.000 min

Lab File: VN087928.D

Acq: 23 Sep 2025 10:56

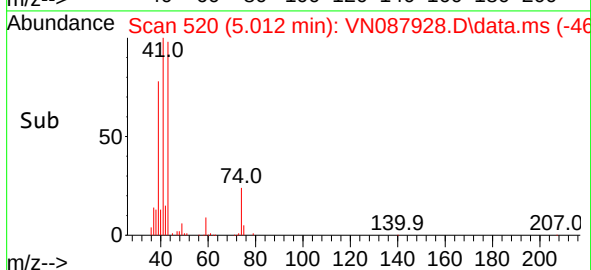
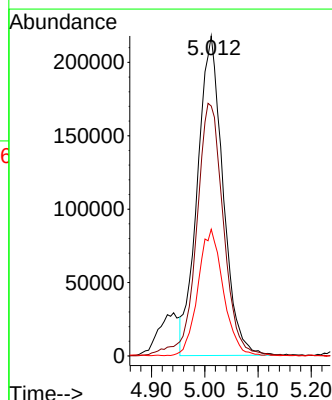
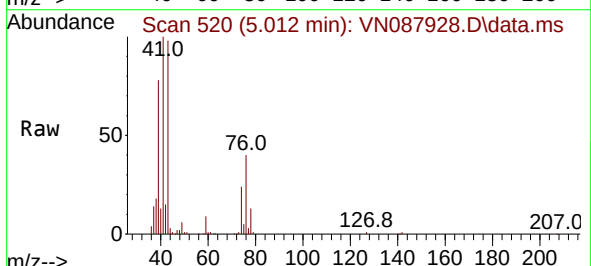
Tgt Ion: 41 Resp: 726966

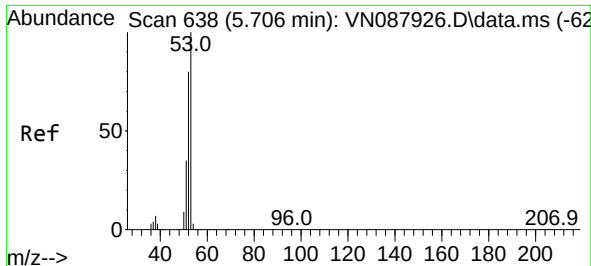
Ion Ratio Lower Upper

41 100

39 83.3 63.8 95.8

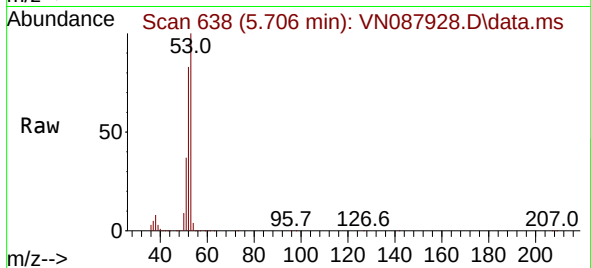
76 39.0 33.0 49.6





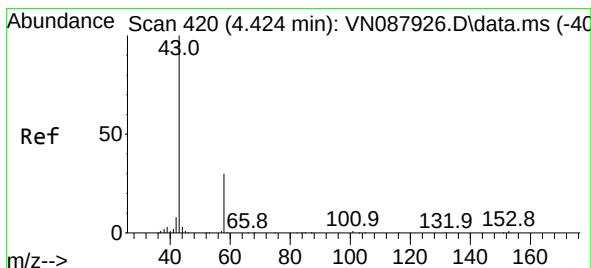
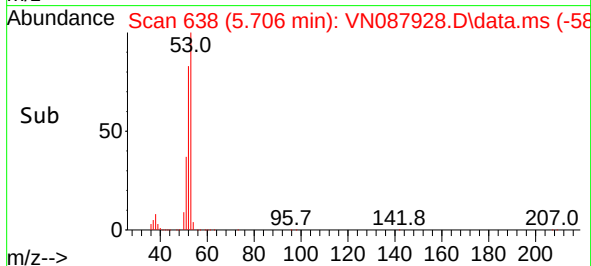
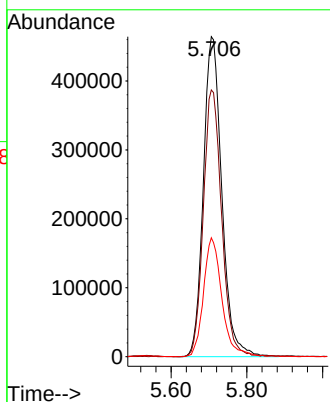
#15
Acrylonitrile
Concen: 788.849 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087928.D
Acq: 23 Sep 2025 10:56

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 53 Resp: 1569579

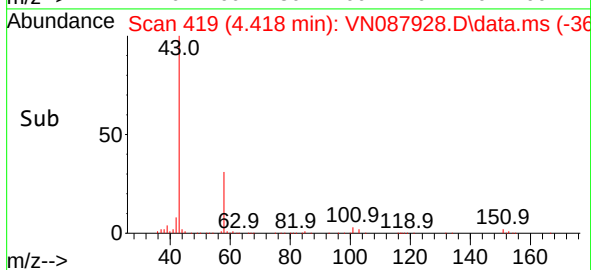
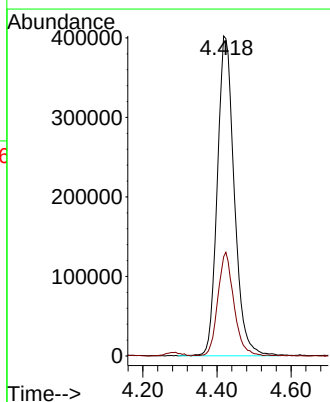
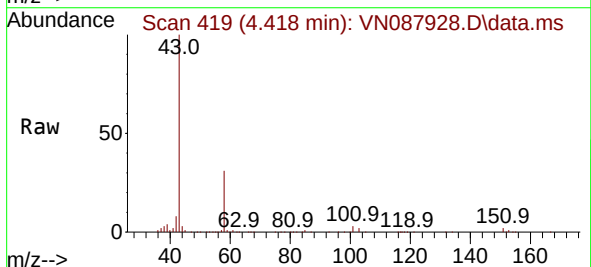
Ion	Ratio	Lower	Upper
53	100		
52	82.5	66.6	99.8
51	37.0	29.0	43.4

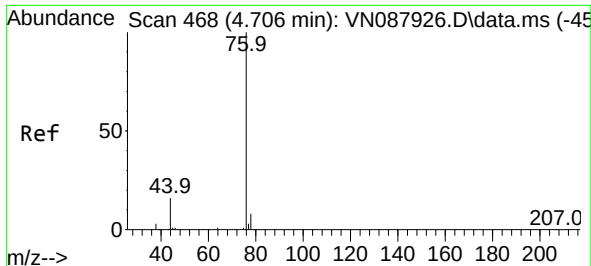


#16
Acetone
Concen: 700.927 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN087928.D
Acq: 23 Sep 2025 10:56

Tgt Ion: 43 Resp: 1277870

Ion	Ratio	Lower	Upper
43	100		
58	30.9	24.1	36.1

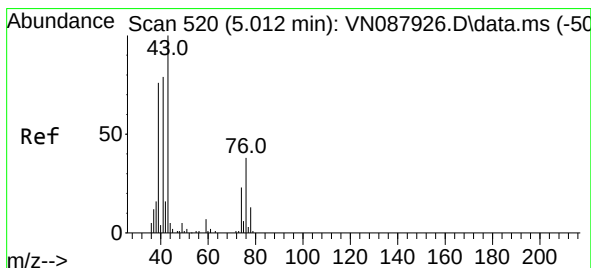
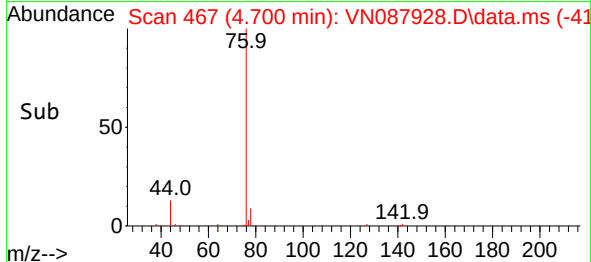
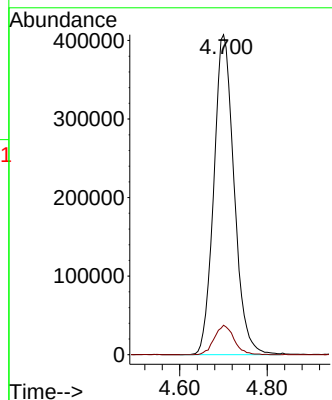
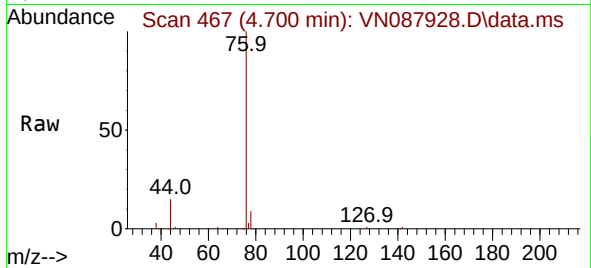




#17
Carbon Disulfide
Concen: 152.800 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.006 min
Lab File: VN087928.D
Acq: 23 Sep 2025 10:56

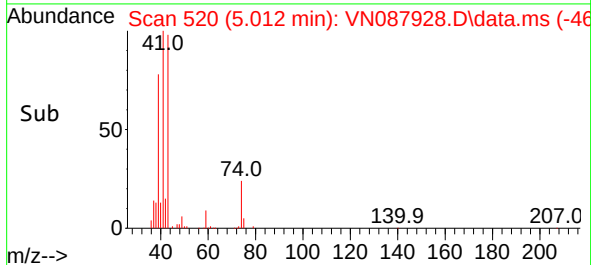
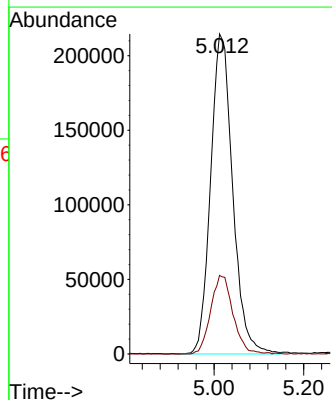
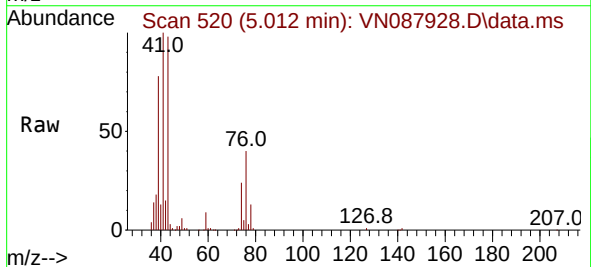
Instrument :
MSVOA_N
ClientSampleId :

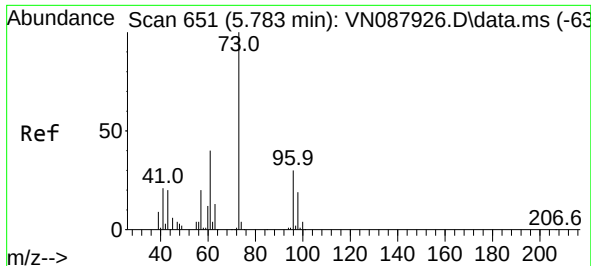
Tgt Ion: 76 Resp: 1312297
Ion Ratio Lower Upper
76 100
78 9.2 6.7 10.1



#18
Methyl Acetate
Concen: 161.634 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.000 min
Lab File: VN087928.D
Acq: 23 Sep 2025 10:56

Tgt Ion: 43 Resp: 732961
Ion Ratio Lower Upper
43 100
74 24.8 19.7 29.5

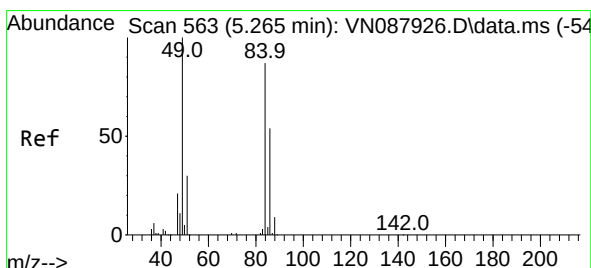
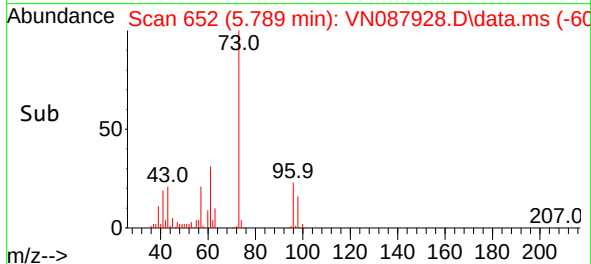
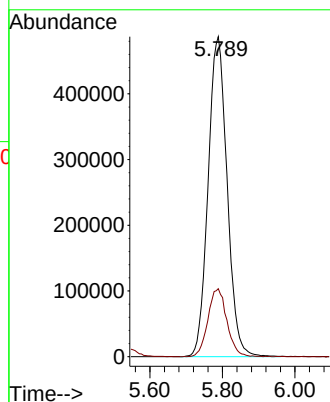
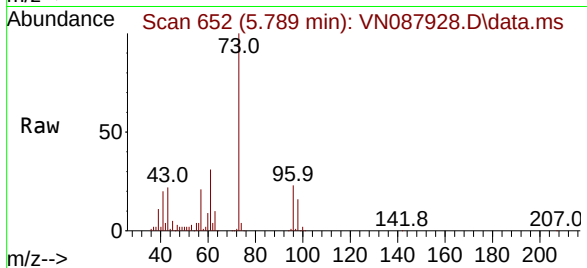




#19
Methyl tert-butyl Ether
Concen: 164.937 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087928.D
Acq: 23 Sep 2025 10:56

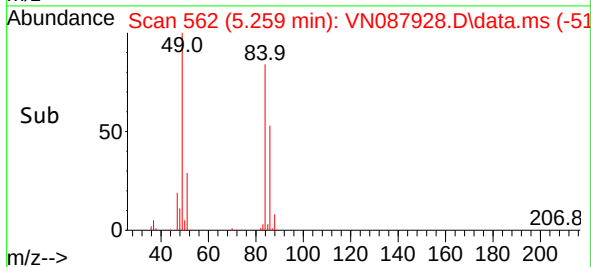
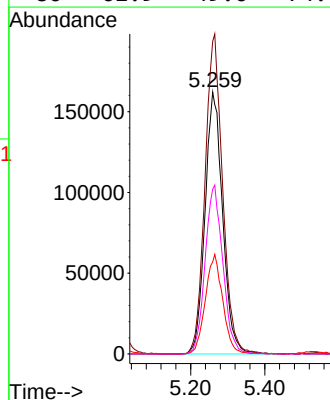
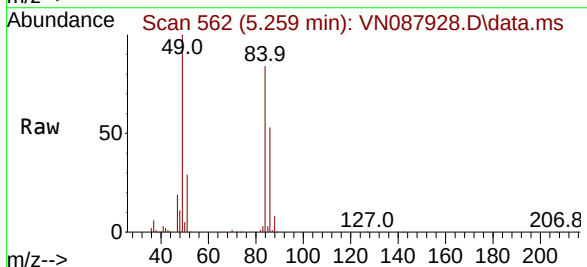
Instrument :
MSVOA_N
ClientSampleId :

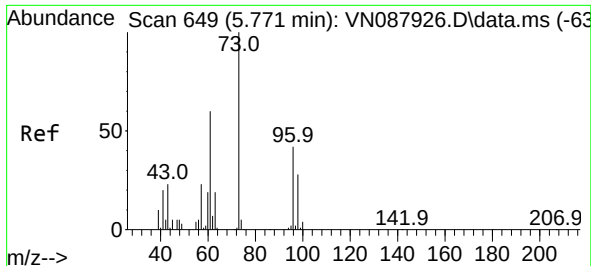
Tgt Ion: 73 Resp: 1771056
Ion Ratio Lower Upper
73 100
57 21.3 16.3 24.5



#20
Methylene Chloride
Concen: 145.657 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.006 min
Lab File: VN087928.D
Acq: 23 Sep 2025 10:56

Tgt Ion: 84 Resp: 534218
Ion Ratio Lower Upper
84 100
49 119.3 92.1 138.1
51 35.1 27.7 41.5
86 62.9 49.6 74.4

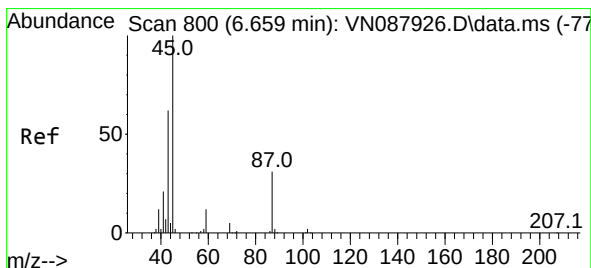
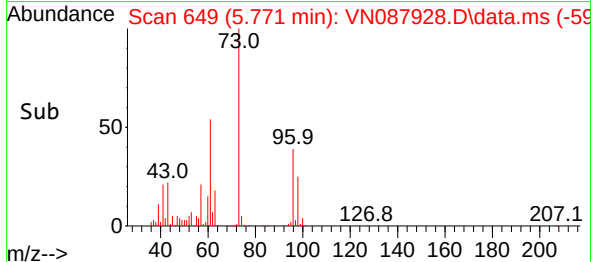
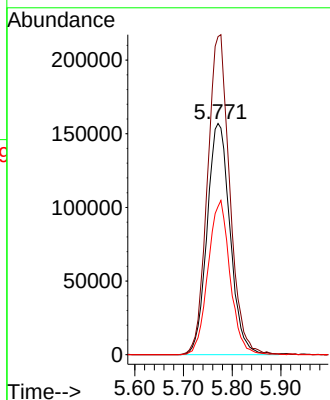
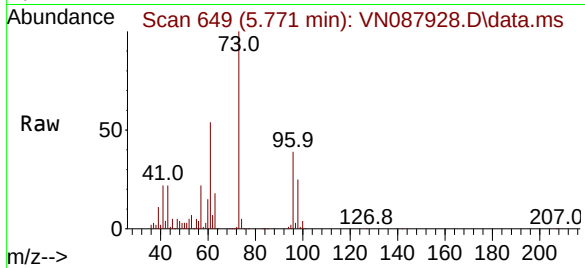




#21
trans-1,2-Dichloroethene
Concen: 152.375 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.000 min
Lab File: VN087928.D
Acq: 23 Sep 2025 10:56

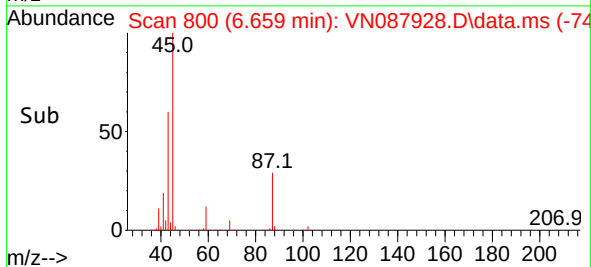
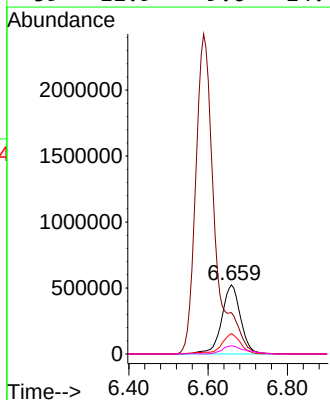
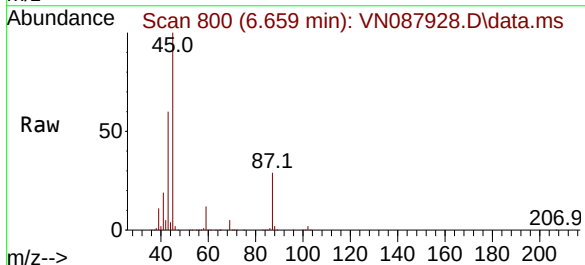
Instrument :
MSVOA_N
ClientSampleId :

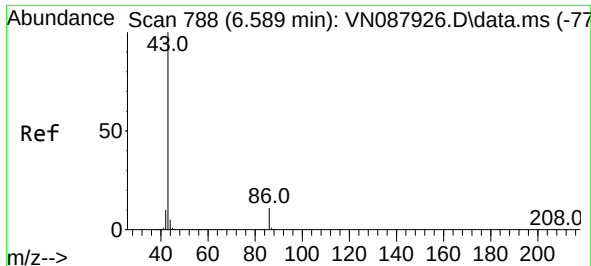
Tgt Ion: 96 Resp: 513466
Ion Ratio Lower Upper
96 100
61 137.6 114.4 171.6
98 64.1 53.6 80.4



#22
Diisopropyl ether
Concen: 165.280 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN087928.D
Acq: 23 Sep 2025 10:56

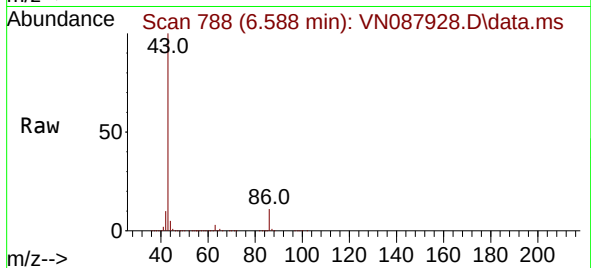
Tgt Ion: 45 Resp: 1726637
Ion Ratio Lower Upper
45 100
43 59.4 49.9 74.9
87 29.4 25.2 37.8
59 11.9 9.6 14.4



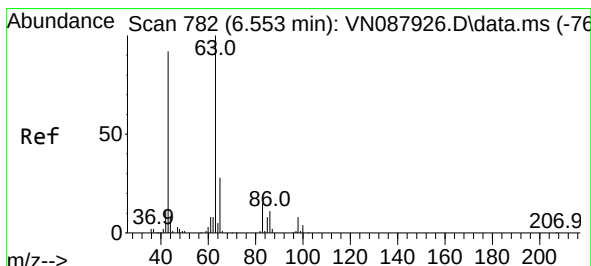
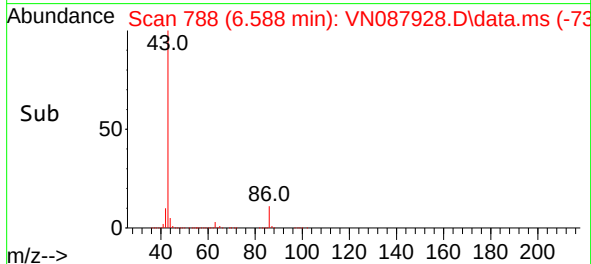
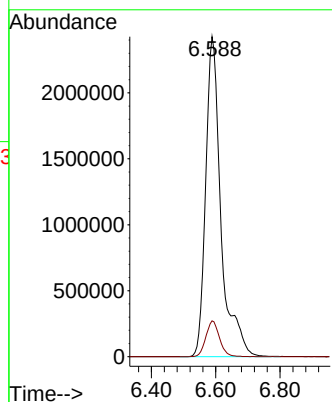


#23
 Vinyl Acetate
 Concen: 909.597 ug/l
 RT: 6.588 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VN087928.D
 Acq: 23 Sep 2025 10:56

Instrument :
 MSVOA_N
 ClientSampleId :

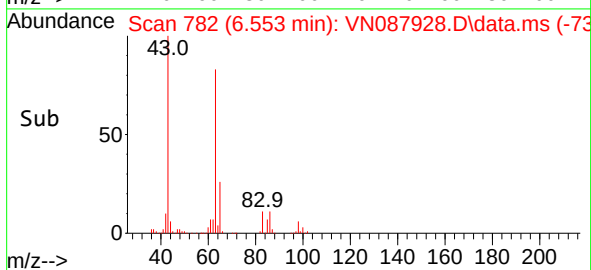
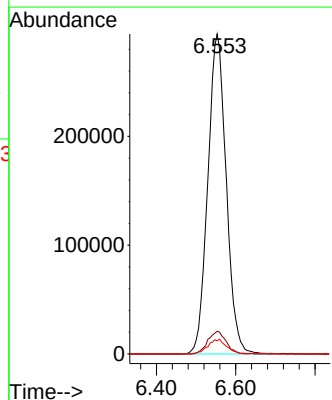
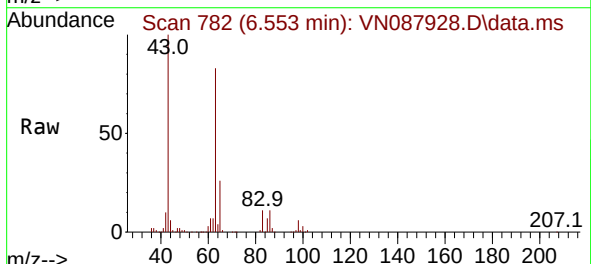


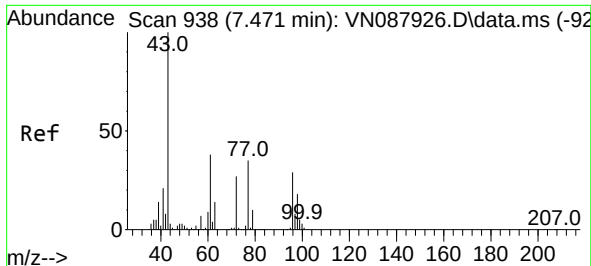
Tgt Ion: 43 Resp: 8000773
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 155.178 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. -0.000 min
 Lab File: VN087928.D
 Acq: 23 Sep 2025 10:56

Tgt Ion: 63 Resp: 947100
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.9 11.5
 100 4.1 2.1 6.5

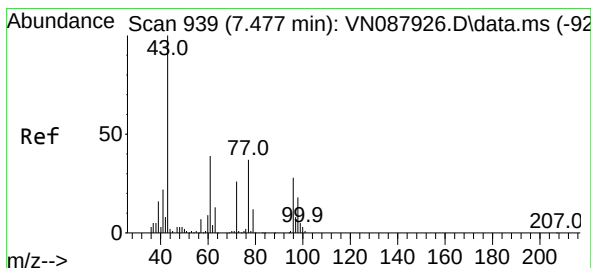
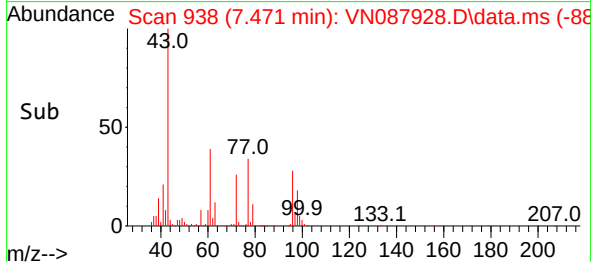
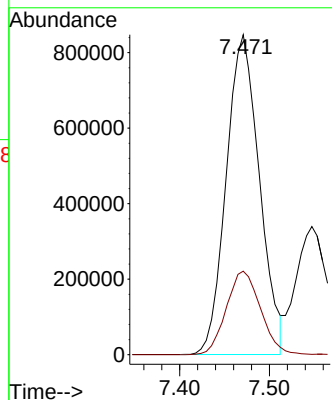
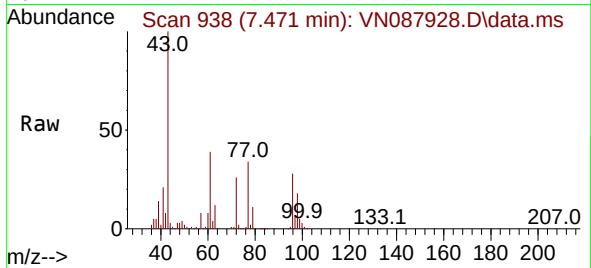




#25
2-Butanone
Concen: 785.726 ug/l
RT: 7.471 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087928.D
Acq: 23 Sep 2025 10:56

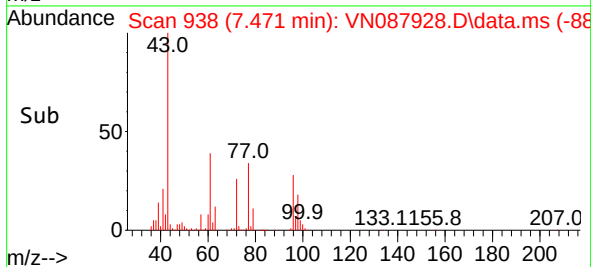
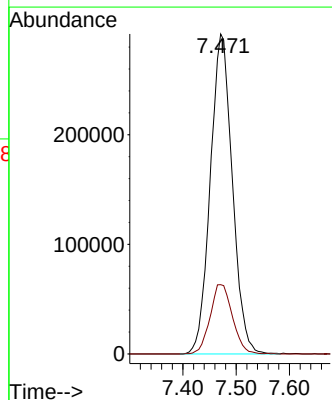
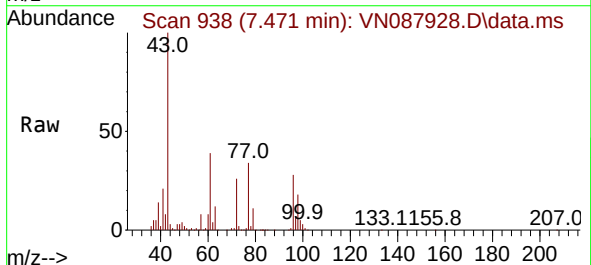
Instrument :
MSVOA_N
ClientSampleId :

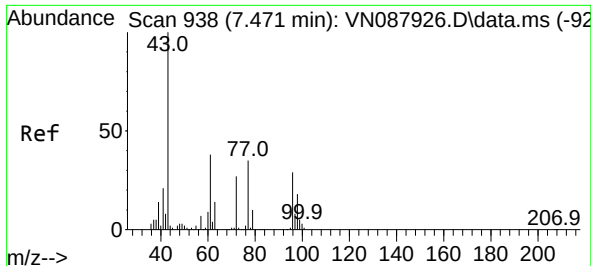
Tgt Ion: 43 Resp: 2176088
Ion Ratio Lower Upper
43 100
72 26.1 21.5 32.3



#26
2,2-Dichloropropane
Concen: 154.787 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN087928.D
Acq: 23 Sep 2025 10:56

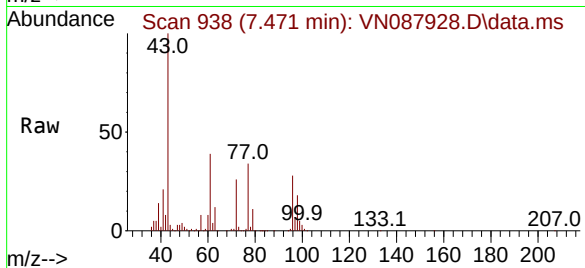
Tgt Ion: 77 Resp: 839353
Ion Ratio Lower Upper
77 100
97 22.0 11.5 34.5



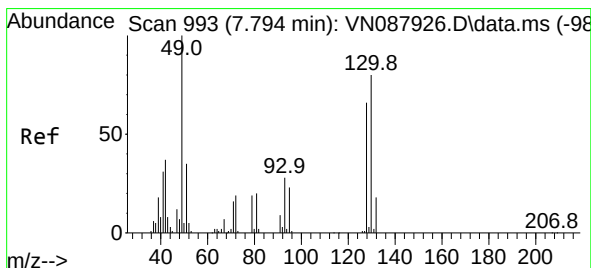
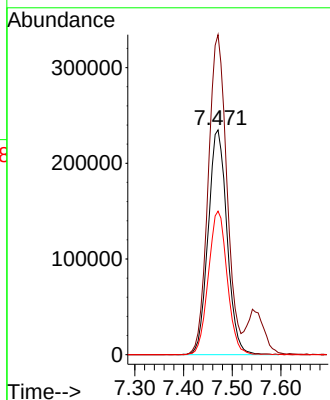
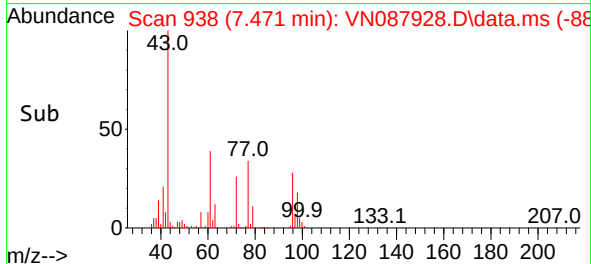


#27
 cis-1,2-Dichloroethene
 Concen: 157.420 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VN087928.D
 Acq: 23 Sep 2025 10:56

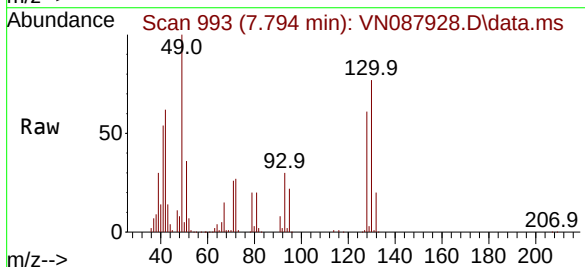
Instrument :
 MSVOA_N
 ClientSampleId :



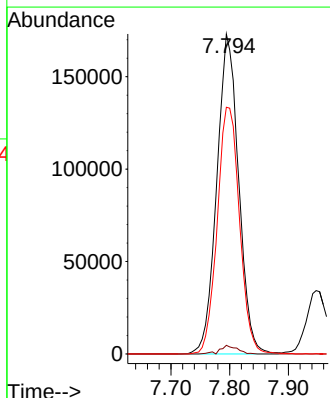
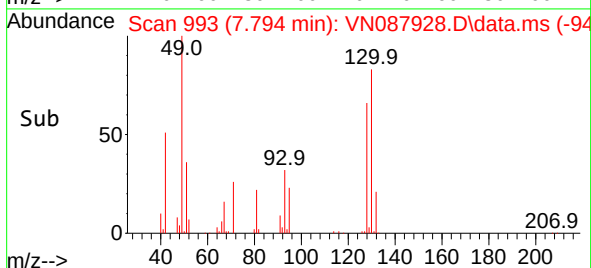
Tgt Ion: 96 Resp: 631177
 Ion Ratio Lower Upper
 96 100
 61 140.5 0.0 283.0
 98 63.9 0.0 127.6

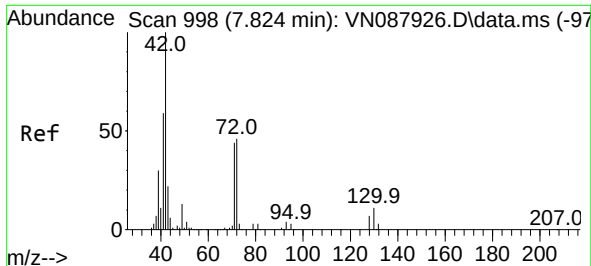


#28
 Bromochloromethane
 Concen: 134.830 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.000 min
 Lab File: VN087928.D
 Acq: 23 Sep 2025 10:56



Tgt Ion: 49 Resp: 447101
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 5.4
 130 78.7 62.6 94.0





#29

Tetrahydrofuran

Concen: 821.368 ug/l

RT: 7.824 min Scan# 998

Delta R.T. -0.000 min

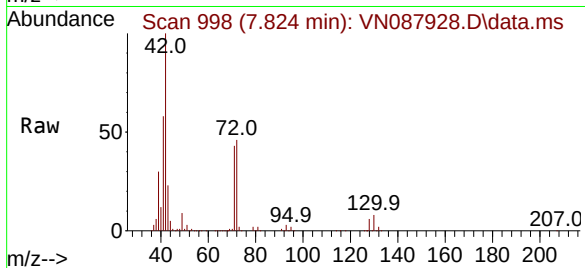
Lab File: VN087928.D

Acq: 23 Sep 2025 10:56

Instrument :

MSVOA_N

ClientSampleId :



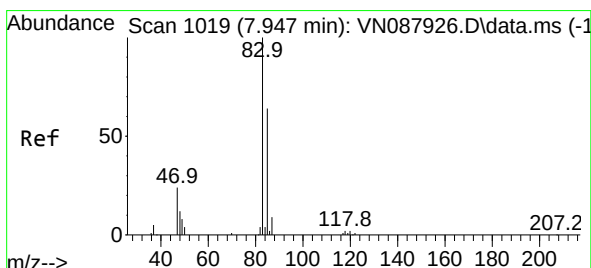
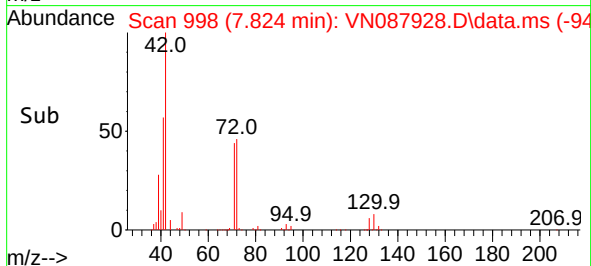
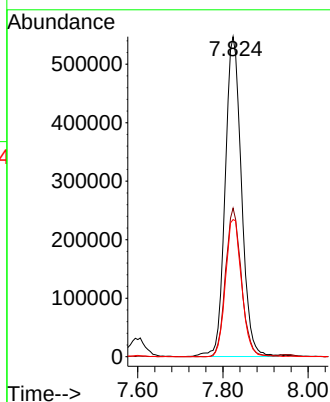
Tgt Ion: 42 Resp: 1456588

Ion Ratio Lower Upper

42 100

72 45.0 36.5 54.7

71 42.6 33.8 50.8



#30

Chloroform

Concen: 154.431 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VN087928.D

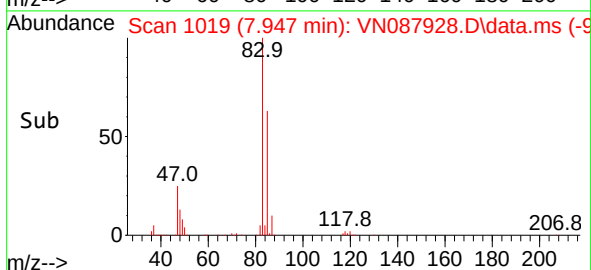
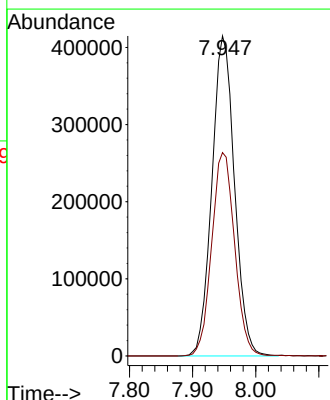
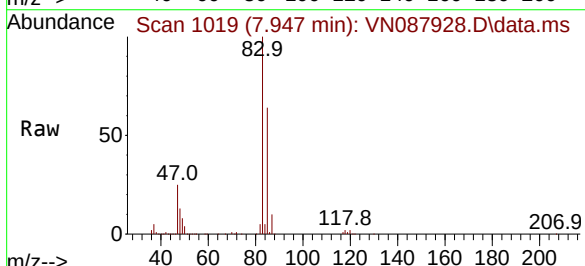
Acq: 23 Sep 2025 10:56

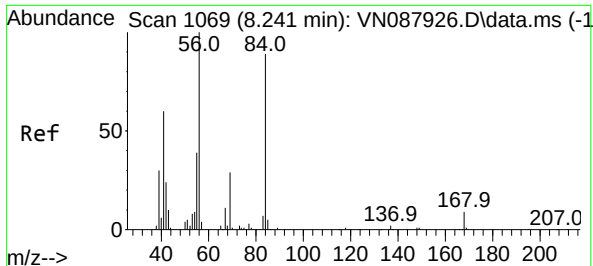
Tgt Ion: 83 Resp: 1030586

Ion Ratio Lower Upper

83 100

85 63.6 50.9 76.3

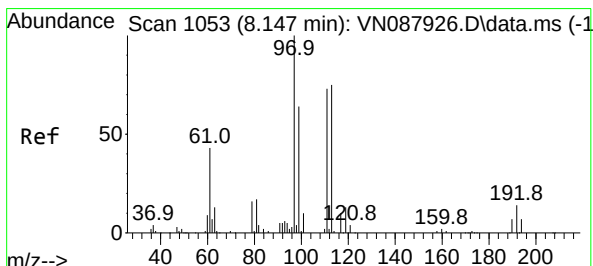
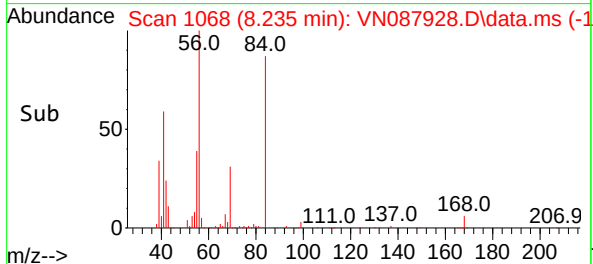
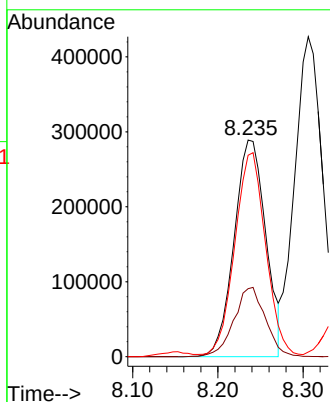
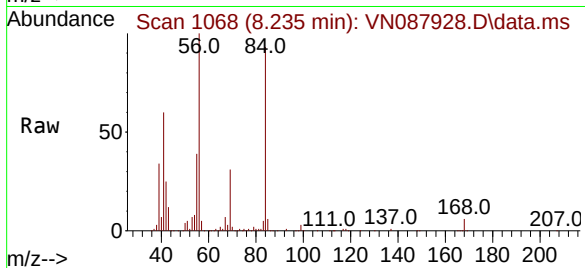




#31
Cyclohexane
Concen: 151.116 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN087928.D
Acq: 23 Sep 2025 10:56

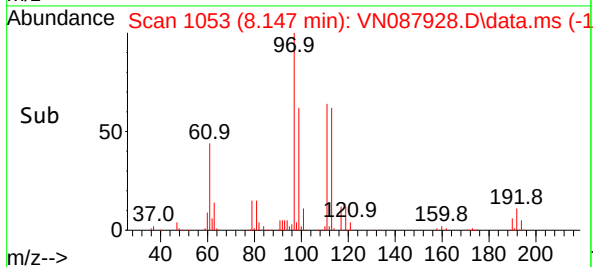
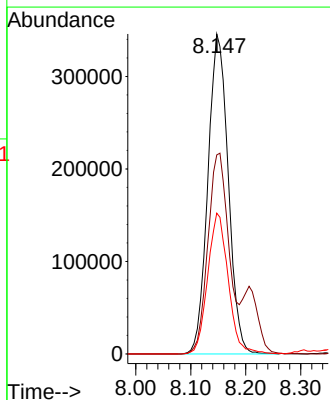
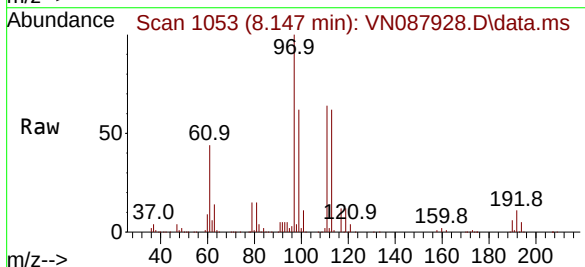
Instrument :
MSVOA_N
ClientSampleId :

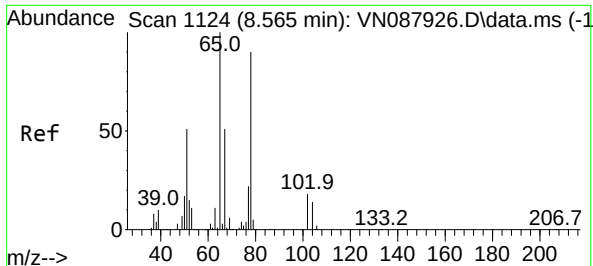
Tgt Ion: 56 Resp: 746273
Ion Ratio Lower Upper
56 100
69 31.4 23.4 35.0
84 90.7 70.8 106.2



#32
1,1,1-Trichloroethane
Concen: 157.722 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VN087928.D
Acq: 23 Sep 2025 10:56

Tgt Ion: 97 Resp: 889373
Ion Ratio Lower Upper
97 100
99 65.2 51.1 76.7
61 44.6 38.6 58.0

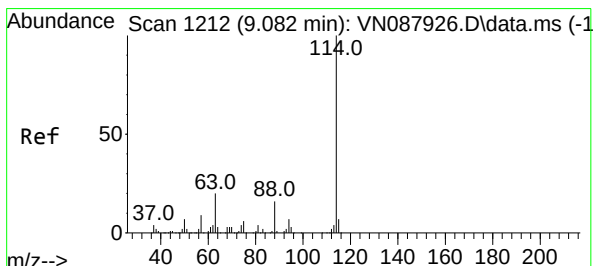
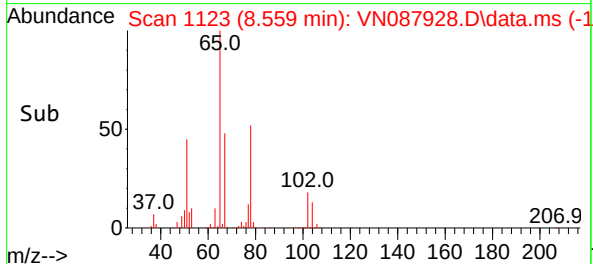
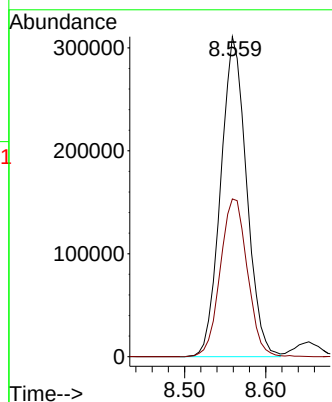
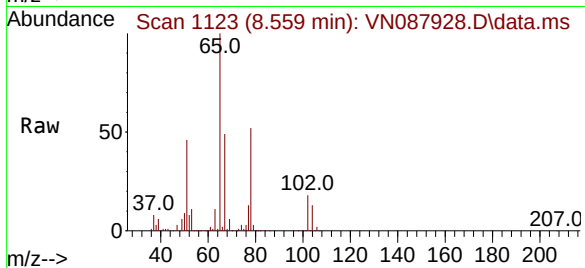




#33
 1,2-Dichloroethane-d4
 Concen: 156.257 ug/l
 RT: 8.559 min Scan# 1123
 Delta R.T. -0.006 min
 Lab File: VN087928.D
 Acq: 23 Sep 2025 10:56

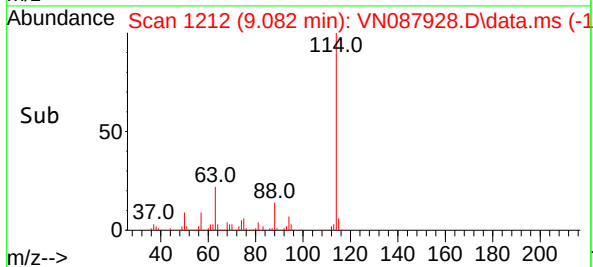
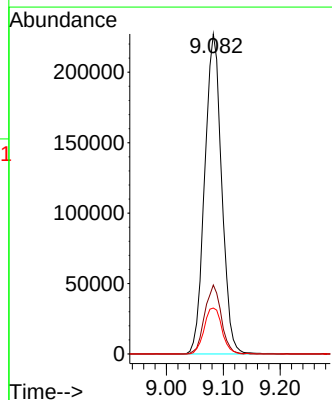
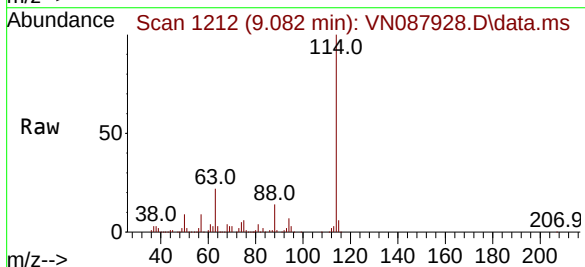
Instrument :
 MSVOA_N
 ClientSampleId :

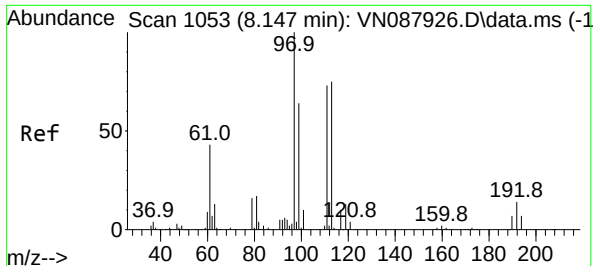
Tgt Ion: 65 Resp: 688147
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.082 min Scan# 1212
 Delta R.T. -0.000 min
 Lab File: VN087928.D
 Acq: 23 Sep 2025 10:56

Tgt Ion: 114 Resp: 469572
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 40.0
 88 14.3 0.0 31.8





#35

Dibromofluoromethane

Concen: 155.401 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.000 min

Lab File: VN087928.D

Acq: 23 Sep 2025 10:56

Instrument :

MSVOA_N

ClientSampleId :

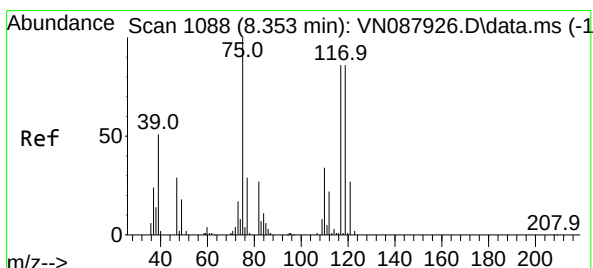
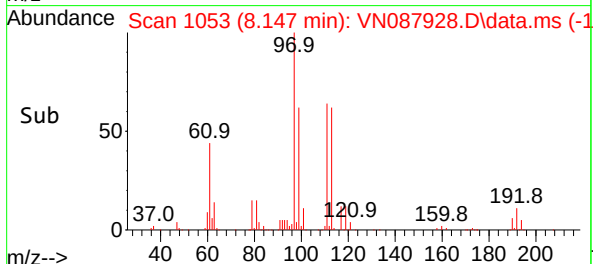
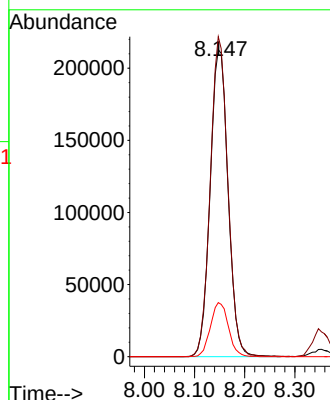
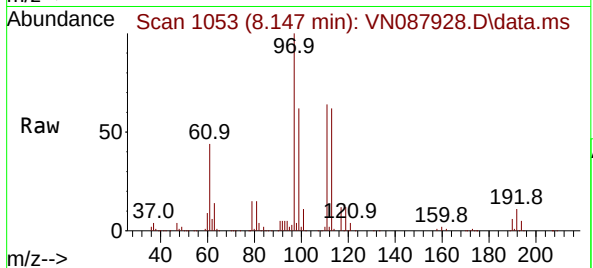
Tgt Ion:113 Resp: 529816

Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.2

192 17.6 14.2 21.2



#36

1,1-Dichloropropene

Concen: 164.170 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VN087928.D

Acq: 23 Sep 2025 10:56

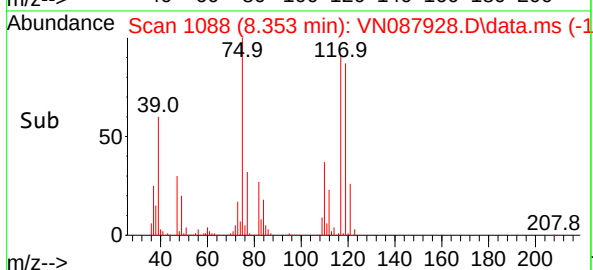
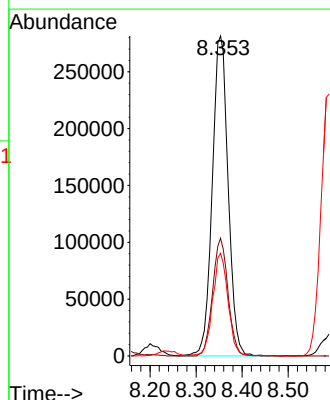
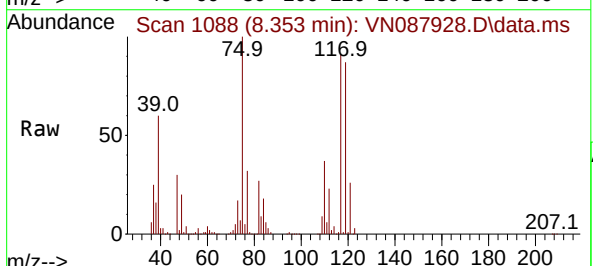
Tgt Ion: 75 Resp: 673022

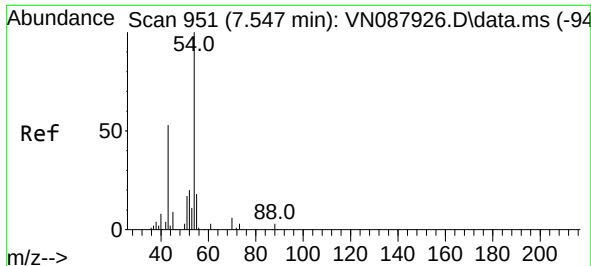
Ion Ratio Lower Upper

75 100

110 35.7 17.1 51.3

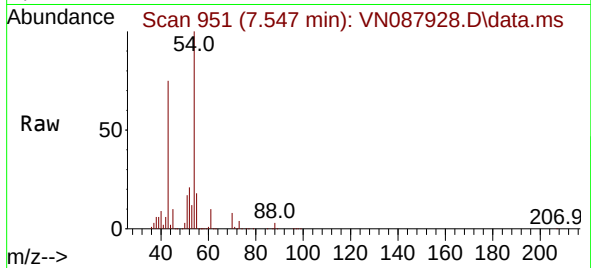
77 30.7 24.8 37.2



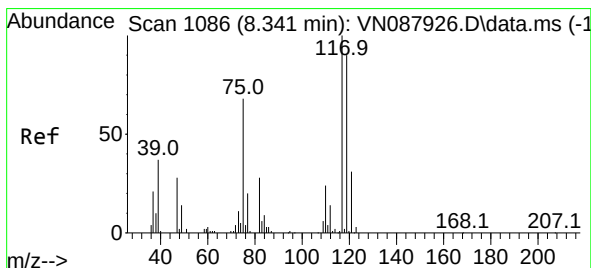
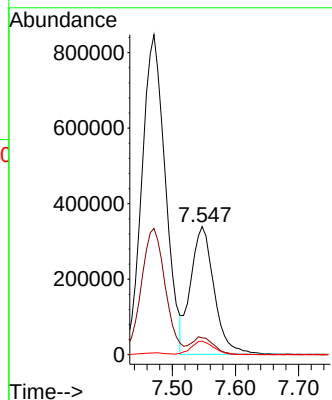
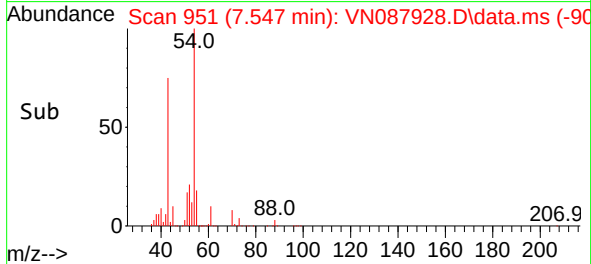


#37
Ethyl Acetate
Concen: 162.416 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087928.D
Acq: 23 Sep 2025 10:56

Instrument :
MSVOA_N
ClientSampleId :

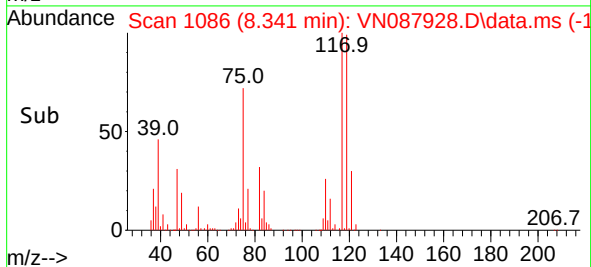
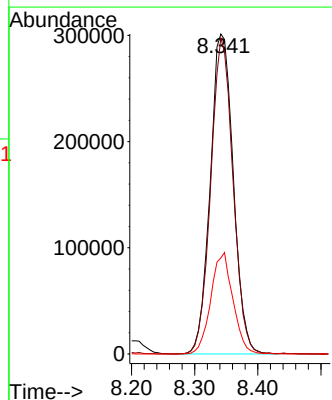
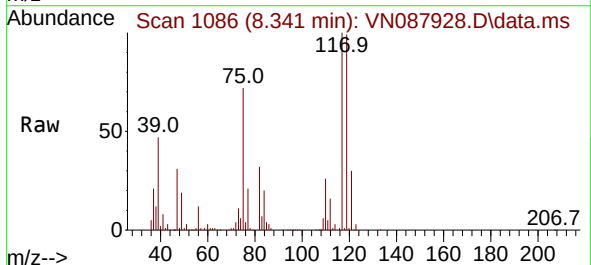


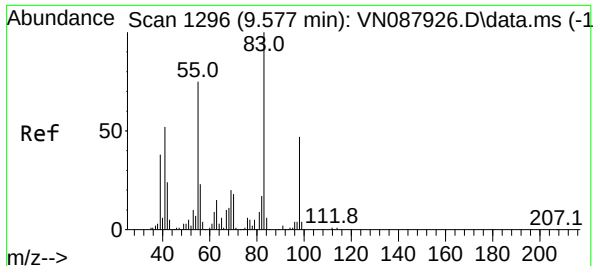
Tgt Ion: 43 Resp: 874349
Ion Ratio Lower Upper
43 100
61 12.2 10.7 16.1
70 10.0 7.8 11.8



#38
Carbon Tetrachloride
Concen: 162.245 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VN087928.D
Acq: 23 Sep 2025 10:56

Tgt Ion: 117 Resp: 763232
Ion Ratio Lower Upper
117 100
119 98.6 72.1 108.1
121 30.0 24.6 36.8





#39

Methylcyclohexane

Concen: 175.104 ug/l

RT: 9.576 min Scan# 1296

Delta R.T. -0.000 min

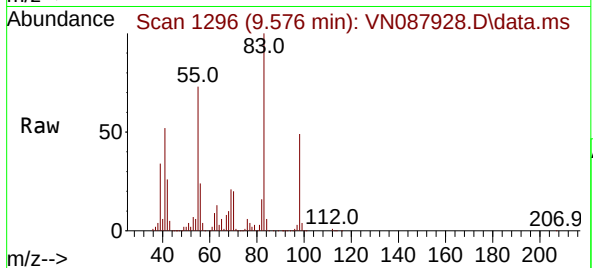
Lab File: VN087928.D

Acq: 23 Sep 2025 10:56

Instrument :

MSVOA_N

ClientSampleId :



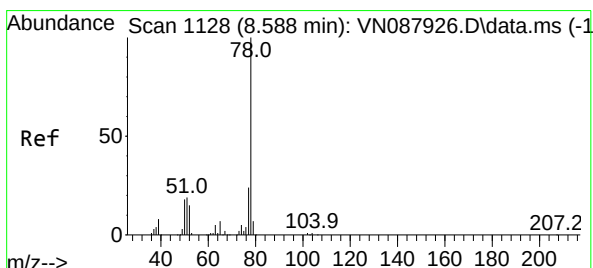
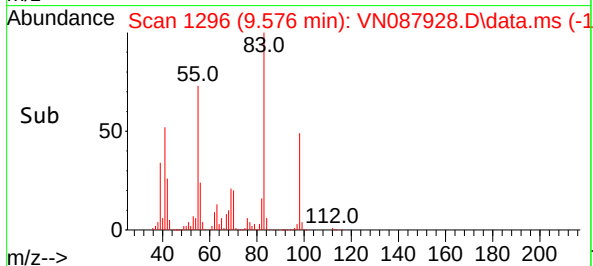
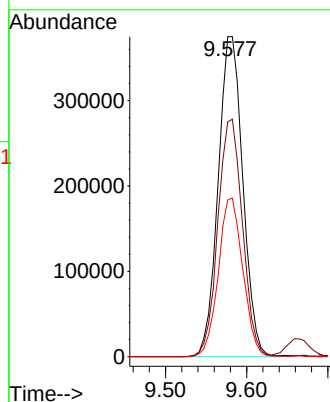
Tgt Ion: 83 Resp: 791897

Ion Ratio Lower Upper

83 100

55 73.3 59.9 89.9

98 49.0 37.4 56.2



#40

Benzene

Concen: 159.817 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN087928.D

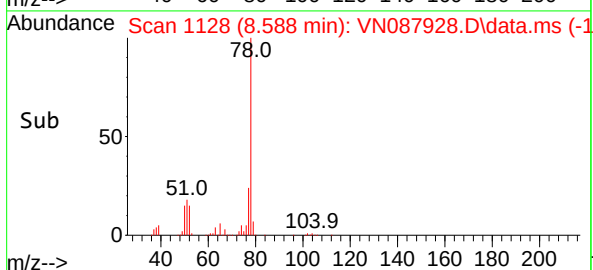
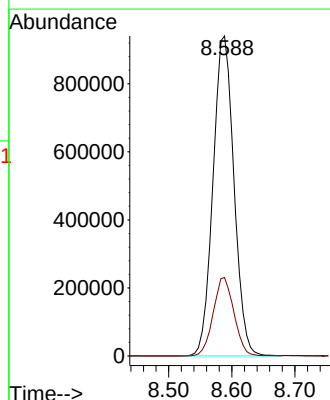
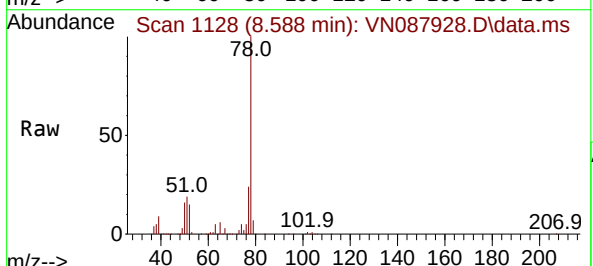
Acq: 23 Sep 2025 10:56

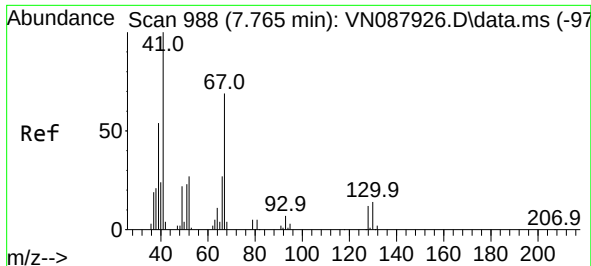
Tgt Ion: 78 Resp: 2169328

Ion Ratio Lower Upper

78 100

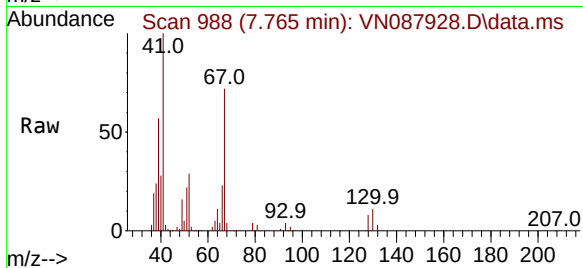
77 24.5 19.0 28.6



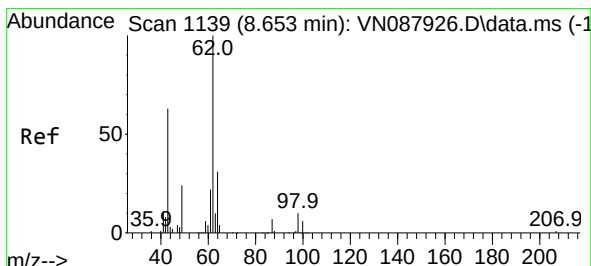
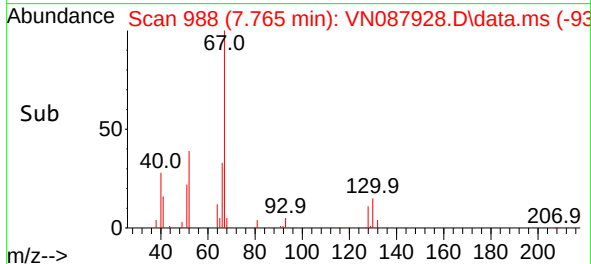
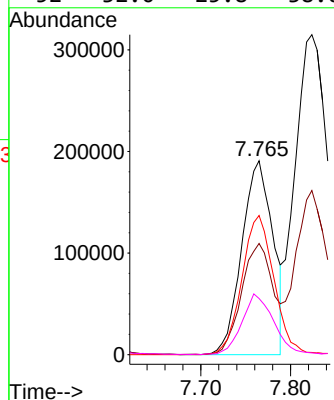


#41
Methacrylonitrile
Concen: 165.421 ug/l
RT: 7.765 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087928.D
Acq: 23 Sep 2025 10:56

Instrument :
MSVOA_N
ClientSampleId :

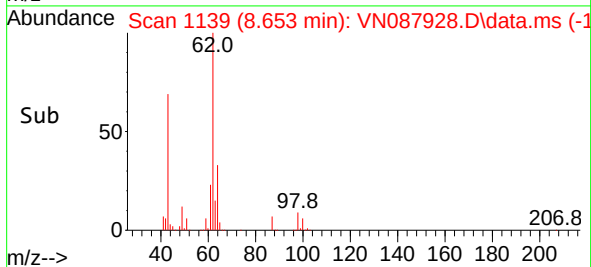
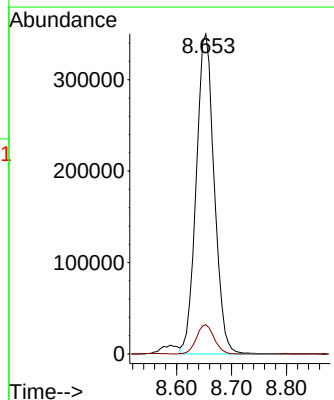
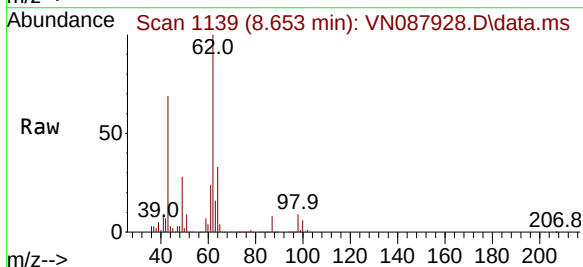


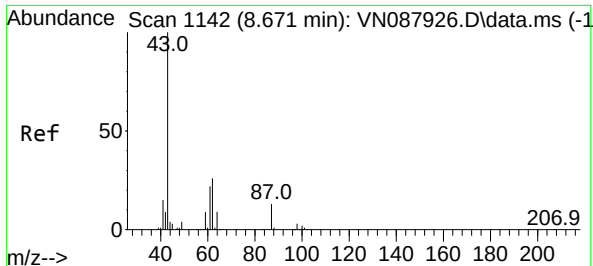
Tgt Ion: 41	Resp: 460218
Ion Ratio	Lower Upper
41 100	
39 58.0	43.5 65.3
67 74.5	57.6 86.4
52 32.0	25.8 38.6



#42
1,2-Dichloroethane
Concen: 157.154 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087928.D
Acq: 23 Sep 2025 10:56

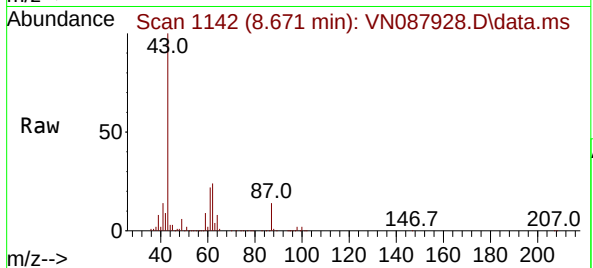
Tgt Ion: 62	Resp: 796063
Ion Ratio	Lower Upper
62 100	
98 9.0	0.0 18.6



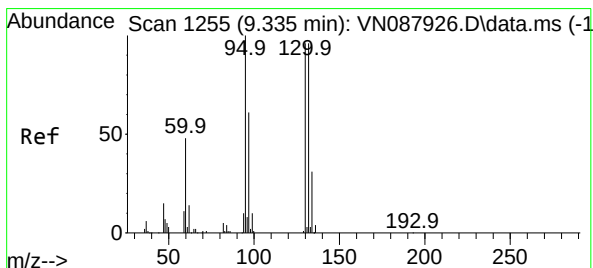
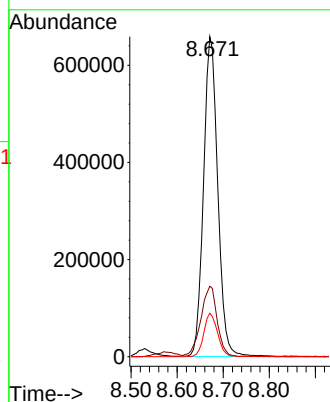
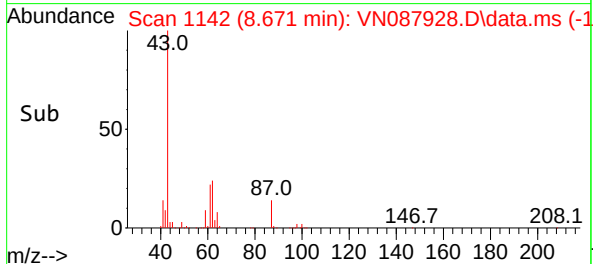


#43
Isopropyl Acetate
Concen: 167.431 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN087928.D
Acq: 23 Sep 2025 10:56

Instrument :
MSVOA_N
ClientSampleId :

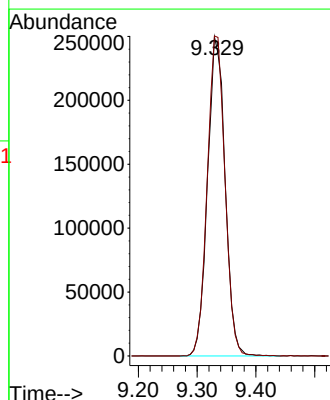
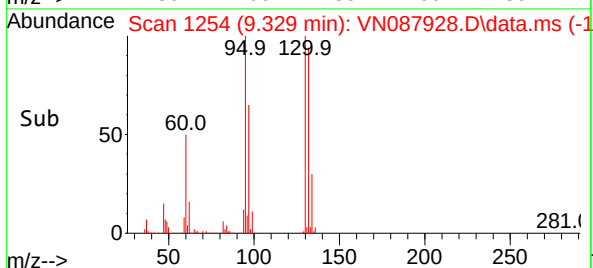
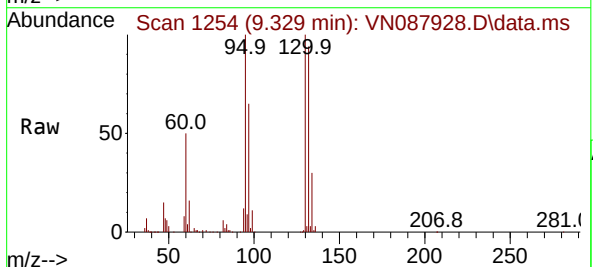


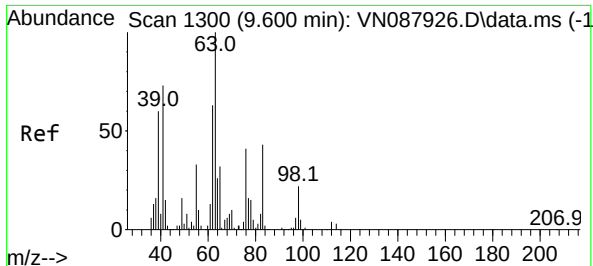
Tgt Ion: 43 Resp: 1418775
Ion Ratio Lower Upper
43 100
61 25.0 20.2 30.2
87 13.1 10.9 16.3



#44
Trichloroethene
Concen: 159.533 ug/l
RT: 9.329 min Scan# 1254
Delta R.T. -0.006 min
Lab File: VN087928.D
Acq: 23 Sep 2025 10:56

Tgt Ion:130 Resp: 517259
Ion Ratio Lower Upper
130 100
95 100.3 0.0 208.0





#45

1,2-Dichloropropane

Concen: 155.841 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN087928.D

Acq: 23 Sep 2025 10:56

Instrument :

MSVOA_N

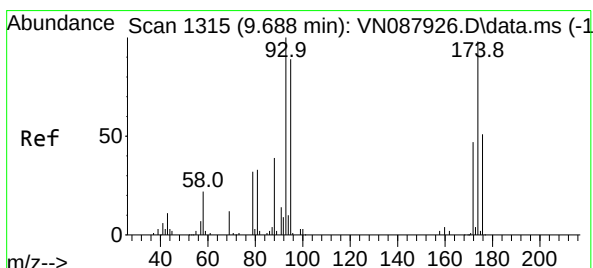
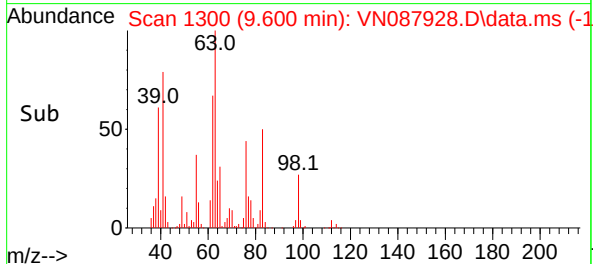
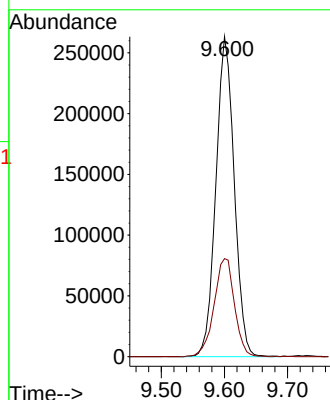
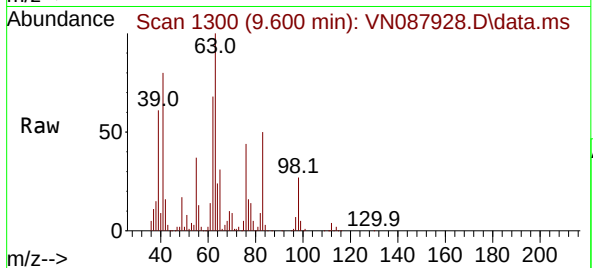
ClientSampleId :

Tgt Ion: 63 Resp: 530435

Ion Ratio Lower Upper

63 100

65 30.7 25.4 38.0



#46

Dibromomethane

Concen: 161.101 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN087928.D

Acq: 23 Sep 2025 10:56

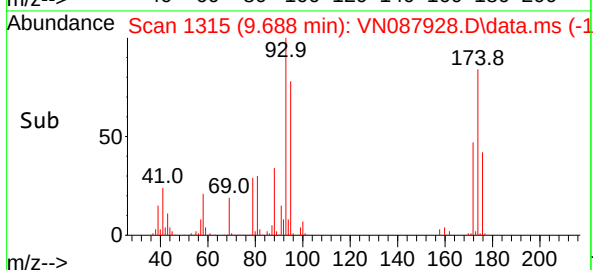
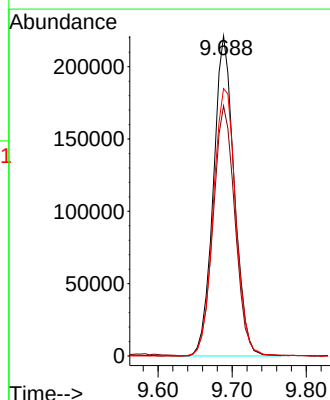
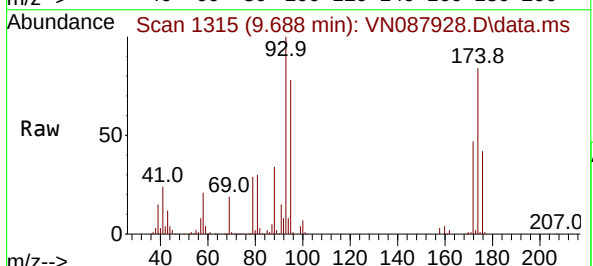
Tgt Ion: 93 Resp: 432679

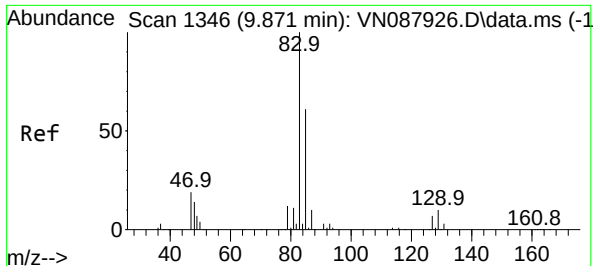
Ion Ratio Lower Upper

93 100

95 81.6 67.6 101.4

174 89.8 75.4 113.0





#47

Bromodichloromethane

Concen: 159.615 ug/l

RT: 9.865 min Scan# 1345

Delta R.T. -0.006 min

Lab File: VN087928.D

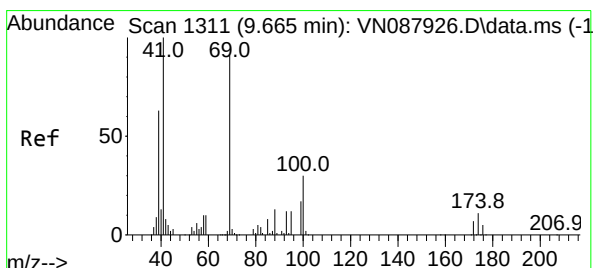
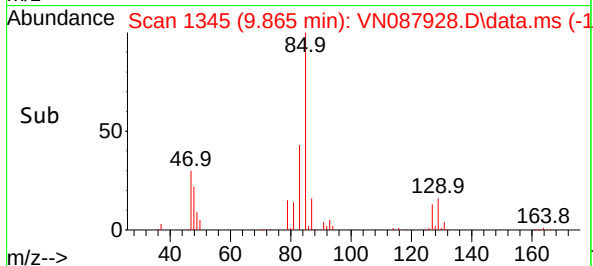
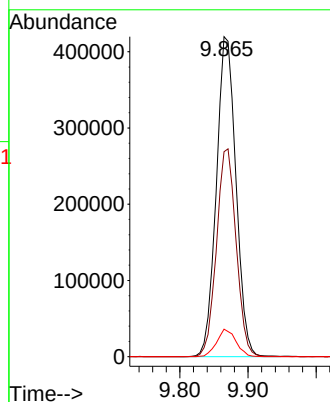
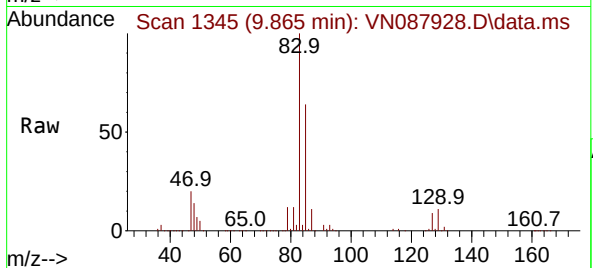
Acq: 23 Sep 2025 10:56

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	83	Resp:	840816
Ion	Ratio	Lower	Upper
83	100		
85	64.1	49.1	73.7
127	8.6	5.9	8.9



#48

Methyl methacrylate

Concen: 171.912 ug/l

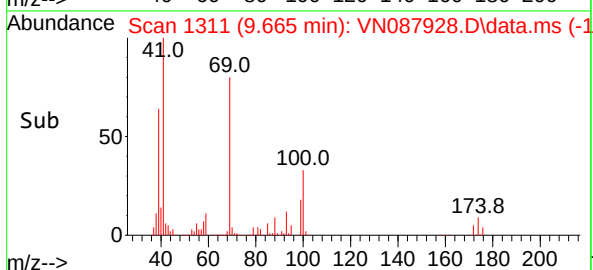
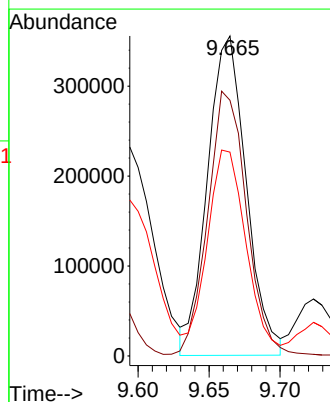
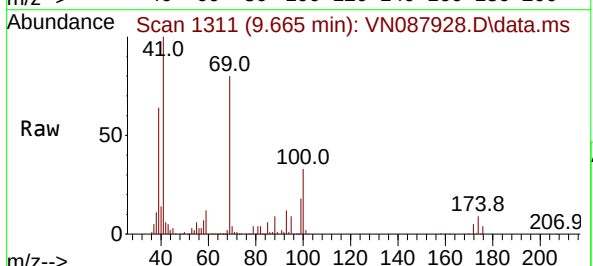
RT: 9.665 min Scan# 1311

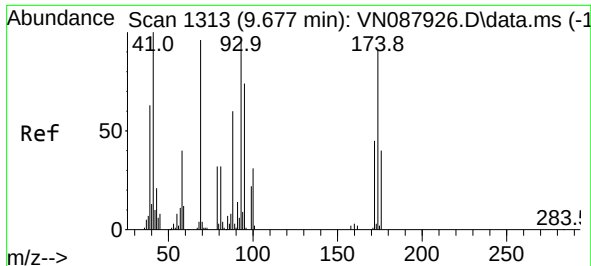
Delta R.T. -0.000 min

Lab File: VN087928.D

Acq: 23 Sep 2025 10:56

Tgt Ion:	41	Resp:	674610
Ion	Ratio	Lower	Upper
41	100		
69	83.3	70.9	106.3
39	65.4	52.9	79.3





#49

1,4-Dioxane

Concen: 3294.105 ug/l

RT: 9.682 min Scan# 11

Delta R.T. 0.006 min

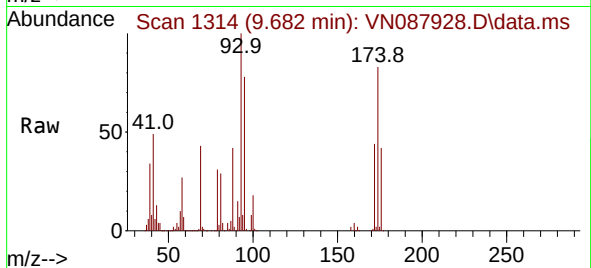
Lab File: VN087928.D

Acq: 23 Sep 2025 10:56

Instrument :

MSVOA_N

ClientSampleId :



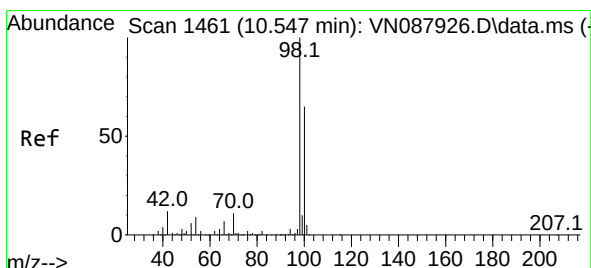
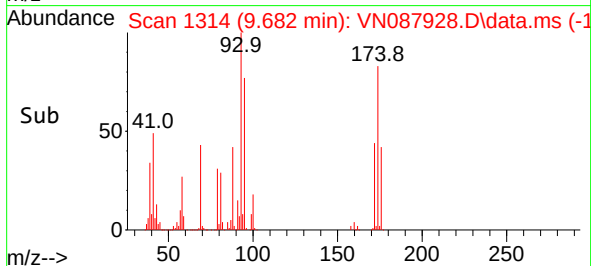
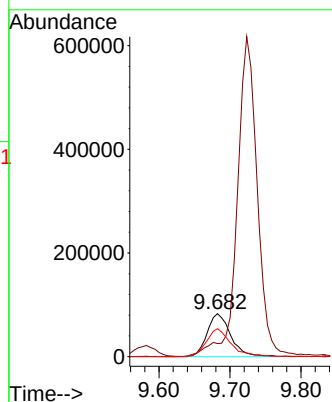
Tgt Ion: 88 Resp: 190965

Ion Ratio Lower Upper

88 100

43 0.0 22.6 33.8#

58 67.8 57.4 86.2



#50

Toluene-d8

Concen: 162.910 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN087928.D

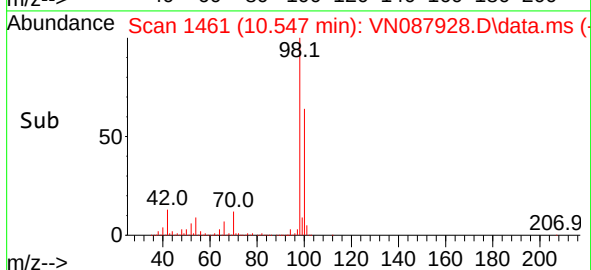
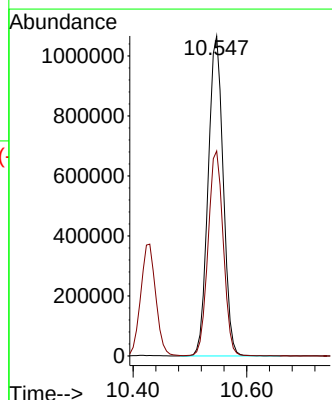
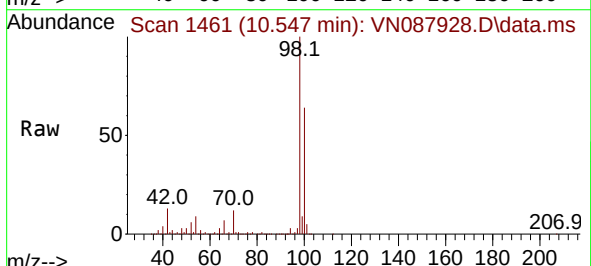
Acq: 23 Sep 2025 10:56

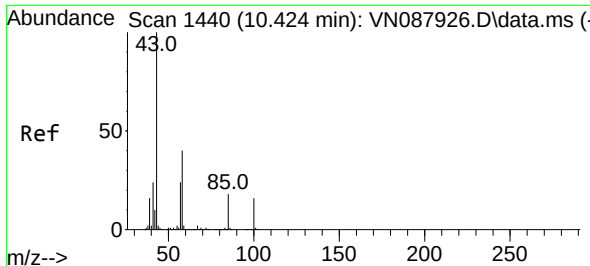
Tgt Ion: 98 Resp: 1953189

Ion Ratio Lower Upper

98 100

100 64.5 51.7 77.5

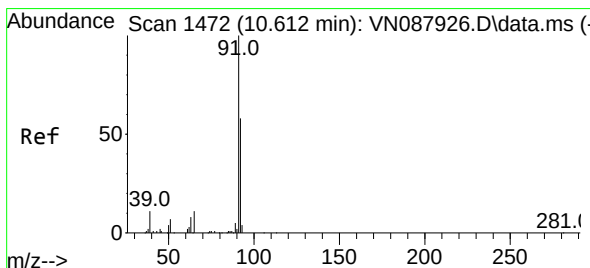
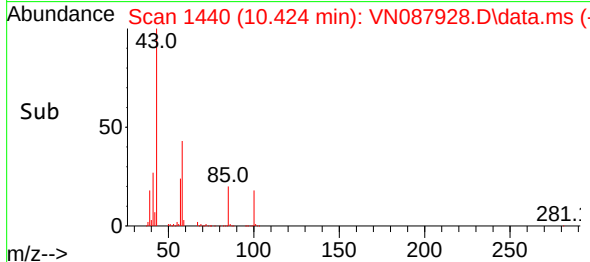
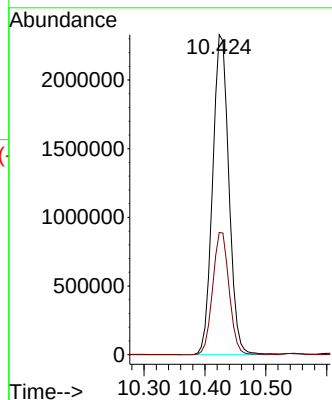
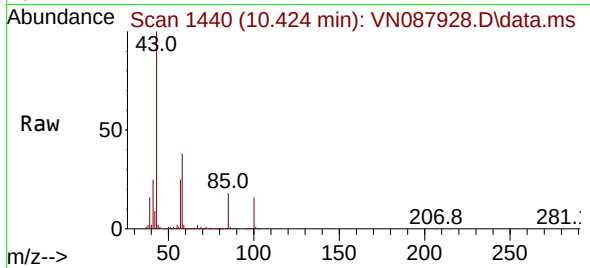




#51
4-Methyl-2-Pentanone
Concen: 818.303 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087928.D
Acq: 23 Sep 2025 10:56

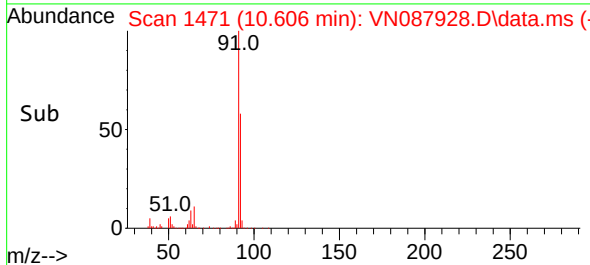
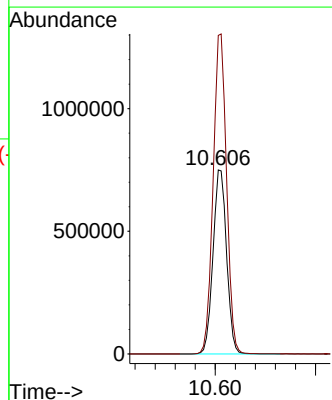
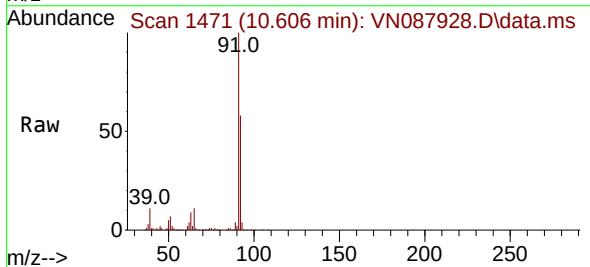
Instrument :
MSVOA_N
ClientSampleId :

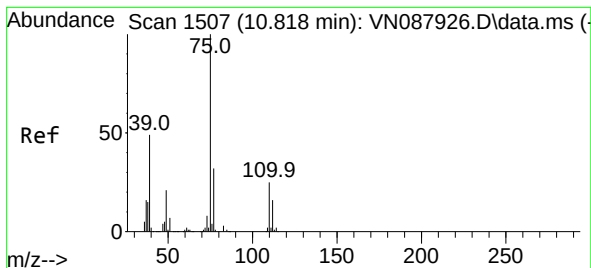
Tgt Ion: 43 Resp: 4326882
Ion Ratio Lower Upper
43 100
58 38.6 31.0 46.6



#52
Toluene
Concen: 165.088 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VN087928.D
Acq: 23 Sep 2025 10:56

Tgt Ion: 92 Resp: 1406217
Ion Ratio Lower Upper
92 100
91 172.1 138.2 207.2

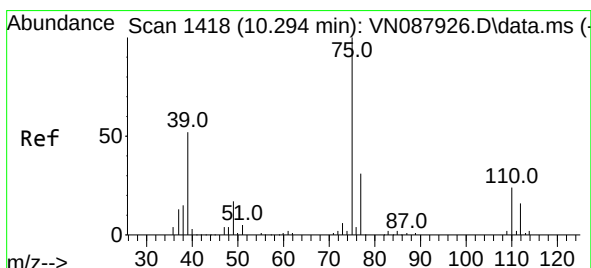
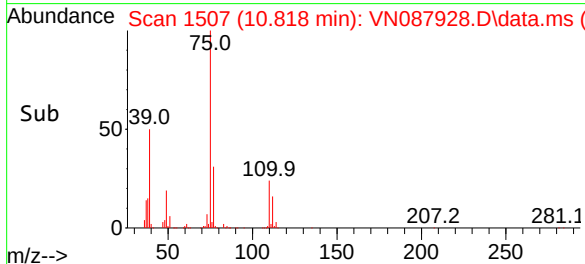
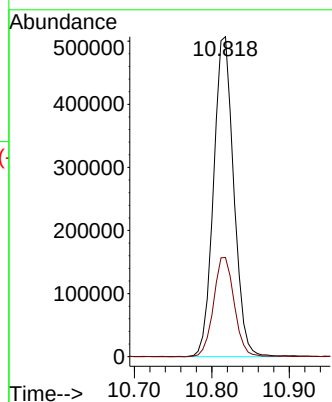
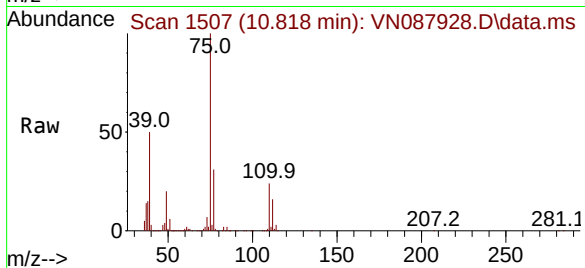




#53
t-1,3-Dichloropropene
Concen: 169.924 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN087928.D
Acq: 23 Sep 2025 10:56

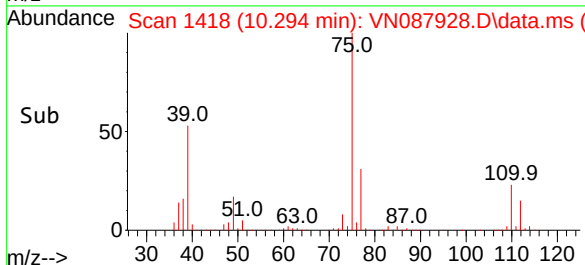
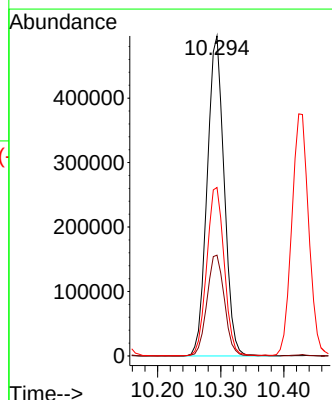
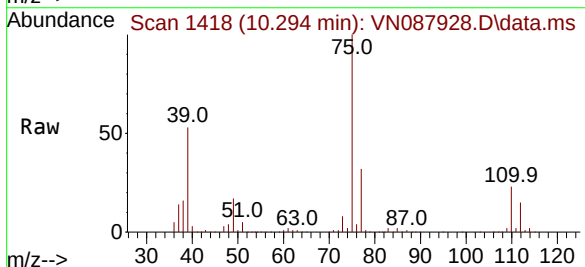
Instrument :
MSVOA_N
ClientSampleId :

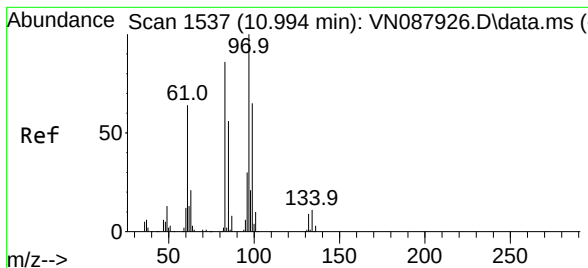
Tgt Ion: 75 Resp: 916112
Ion Ratio Lower Upper
75 100
77 30.9 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 165.762 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN087928.D
Acq: 23 Sep 2025 10:56

Tgt Ion: 75 Resp: 928185
Ion Ratio Lower Upper
75 100
77 31.5 24.7 37.1
39 52.5 41.4 62.0

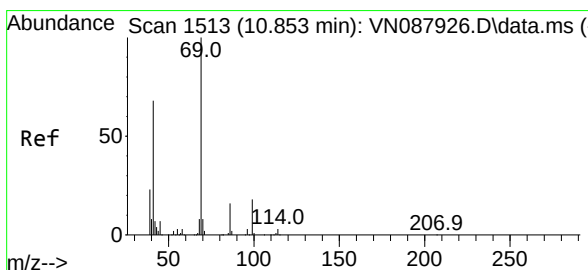
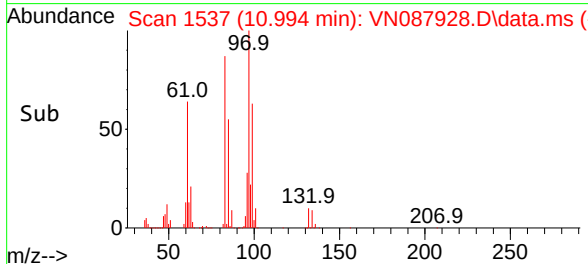
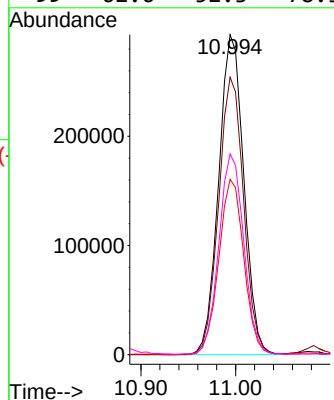
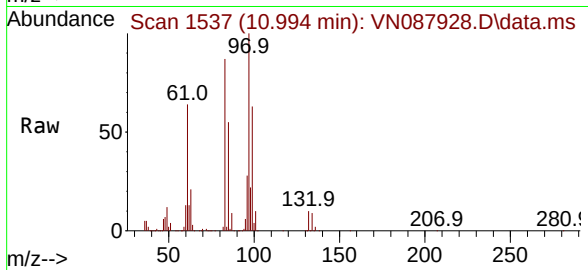




#55
1,1,2-Trichloroethane
Concen: 156.087 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VN087928.D
Acq: 23 Sep 2025 10:56

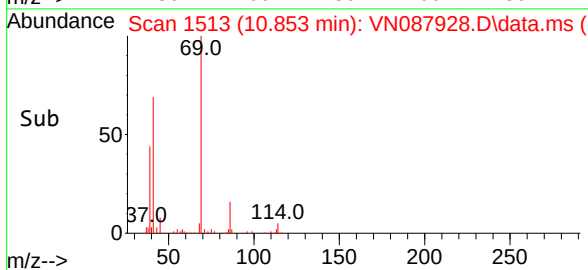
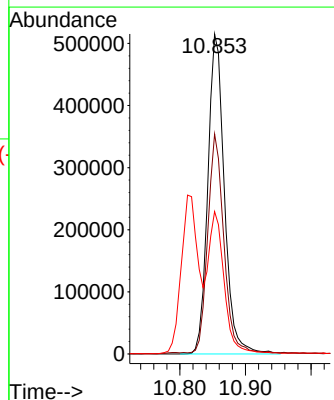
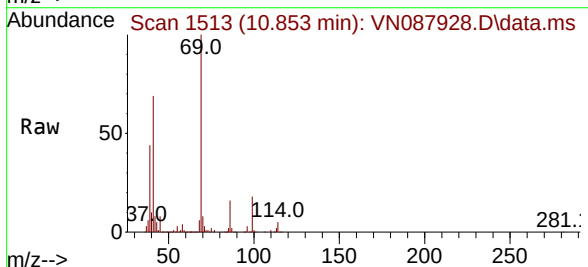
Instrument :
MSVOA_N
ClientSampleId :

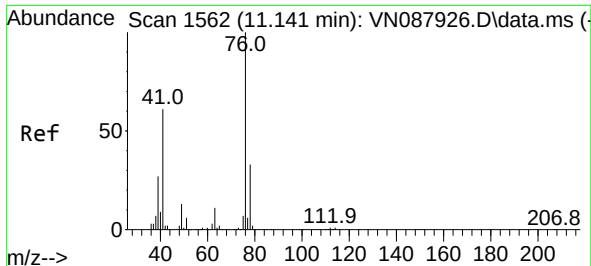
Tgt Ion:	97	Resp:	540596
Ion	Ratio	Lower	Upper
97	100		
83	86.6	69.0	103.4
85	54.8	44.4	66.6
99	62.6	52.3	78.5



#56
Ethyl methacrylate
Concen: 181.247 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN087928.D
Acq: 23 Sep 2025 10:56

Tgt Ion:	69	Resp:	907047
Ion	Ratio	Lower	Upper
69	100		
41	66.0	53.8	80.6
39	42.4	34.7	52.1

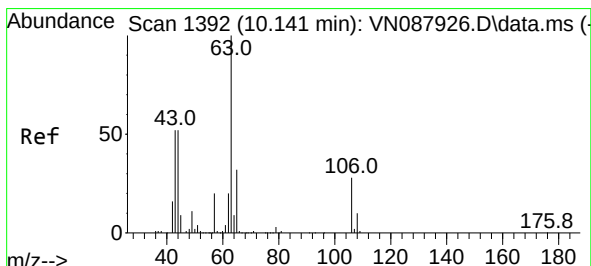
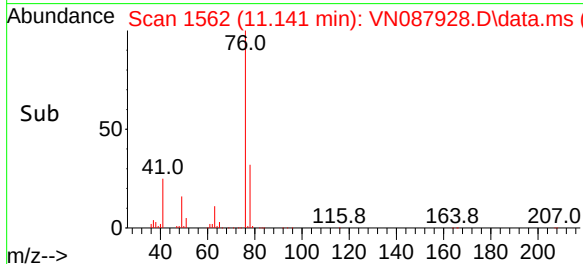
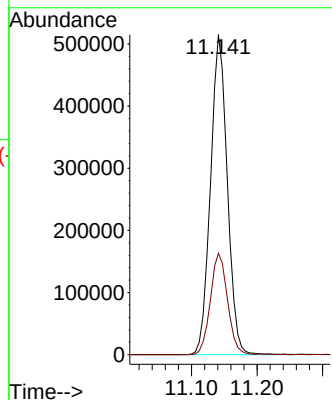
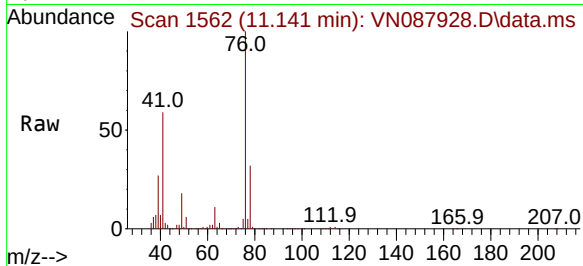




#57
1,3-Dichloropropane
Concen: 160.877 ug/l
RT: 11.141 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN087928.D
Acq: 23 Sep 2025 10:56

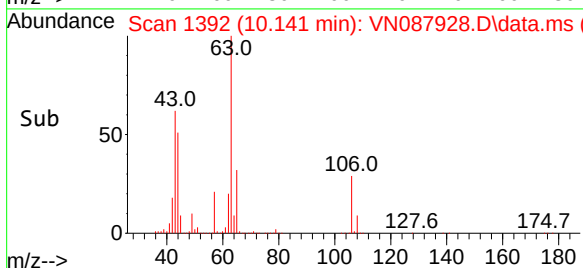
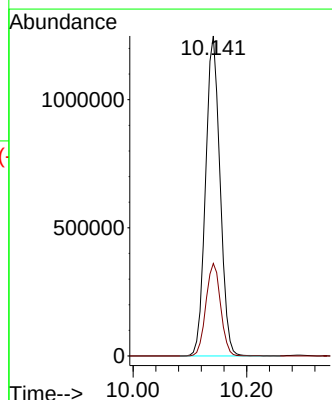
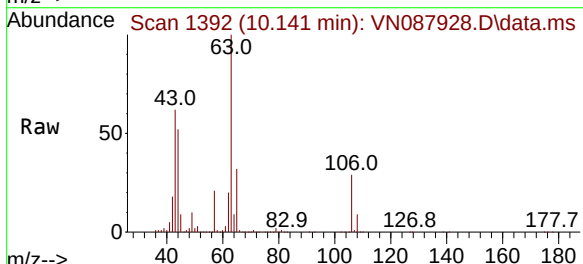
Instrument :
MSVOA_N
ClientSampleId :

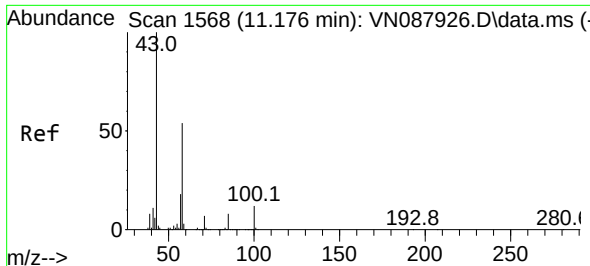
Tgt Ion: 76 Resp: 916449
Ion Ratio Lower Upper
76 100
78 32.3 26.0 39.0



#58
2-Chloroethyl Vinyl ether
Concen: 935.130 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN087928.D
Acq: 23 Sep 2025 10:56

Tgt Ion: 63 Resp: 2200367
Ion Ratio Lower Upper
63 100
106 29.3 22.6 33.8

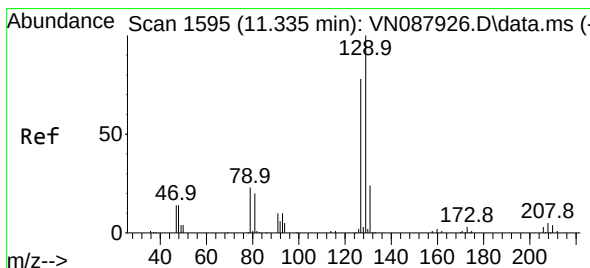
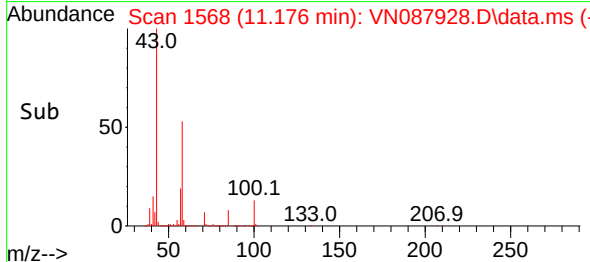
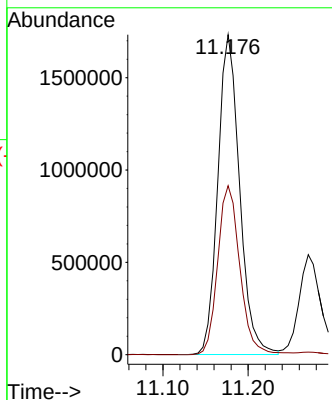
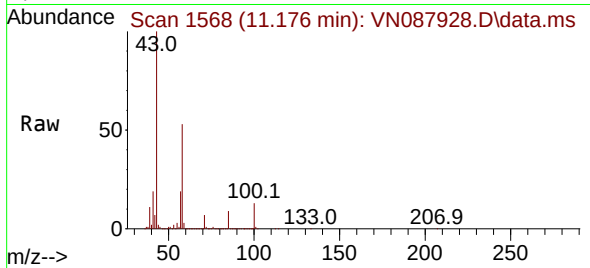




#59
2-Hexanone
Concen: 879.085 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN087928.D
Acq: 23 Sep 2025 10:56

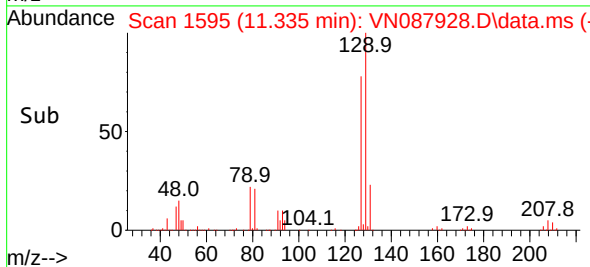
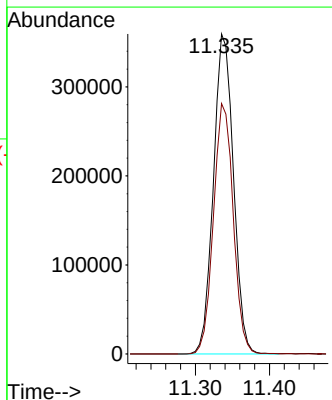
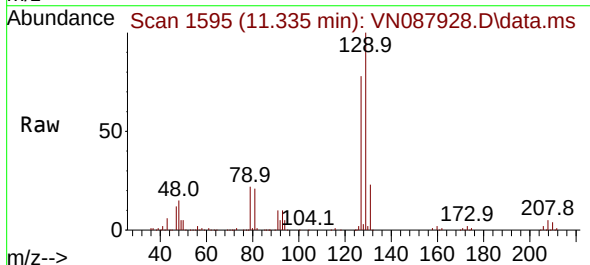
Instrument :
MSVOA_N
ClientSampleId :

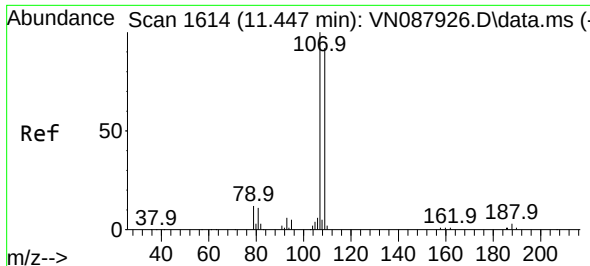
Tgt Ion: 43 Resp: 3073538
Ion Ratio Lower Upper
43 100
58 53.9 26.4 79.2



#60
Dibromochloromethane
Concen: 165.568 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN087928.D
Acq: 23 Sep 2025 10:56

Tgt Ion:129 Resp: 674217
Ion Ratio Lower Upper
129 100
127 77.3 39.3 117.9

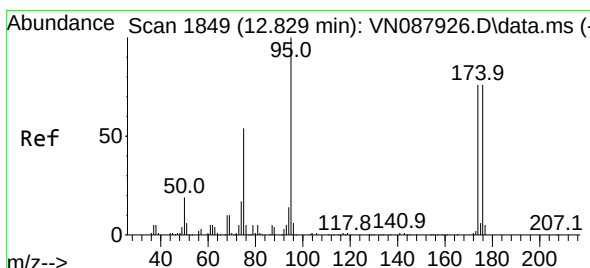
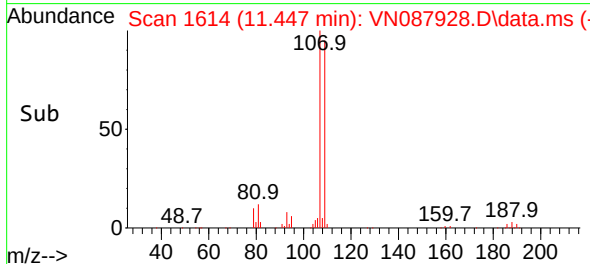
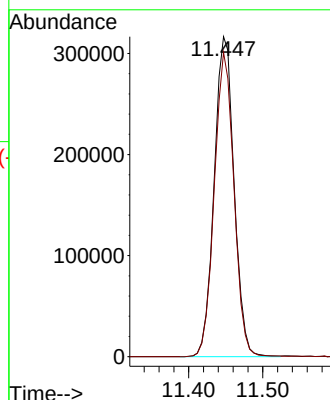
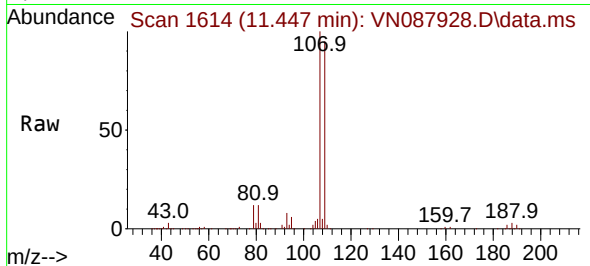




#61
1,2-Dibromoethane
Concen: 161.179 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN087928.D
Acq: 23 Sep 2025 10:56

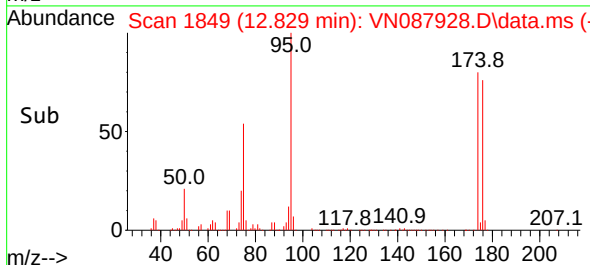
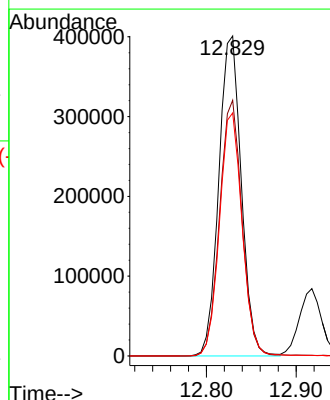
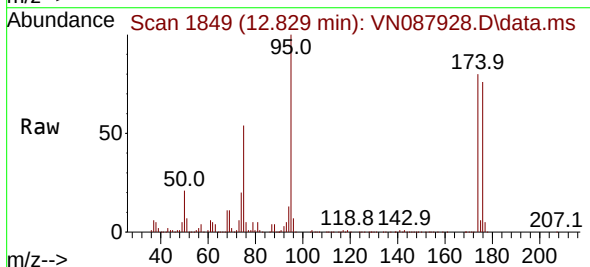
Instrument :
MSVOA_N
ClientSampleId :

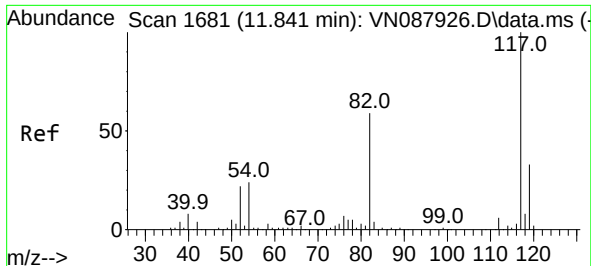
Tgt Ion:107 Resp: 590968
Ion Ratio Lower Upper
107 100
109 93.8 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 162.944 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087928.D
Acq: 23 Sep 2025 10:56

Tgt Ion: 95 Resp: 698306
Ion Ratio Lower Upper
95 100
174 79.8 0.0 159.2
176 76.6 0.0 152.6

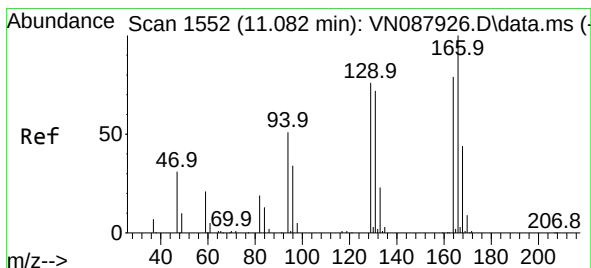
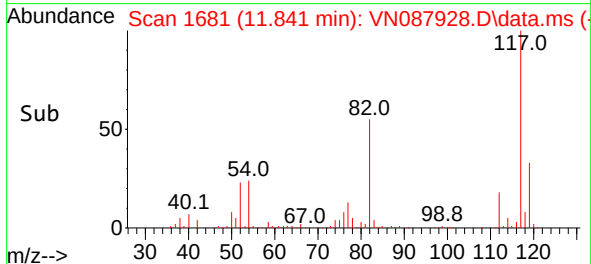
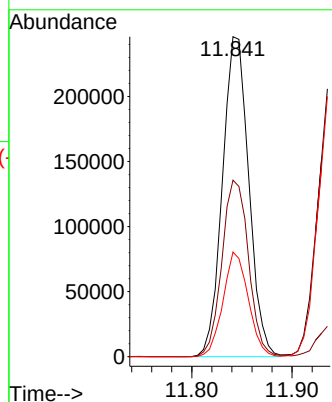
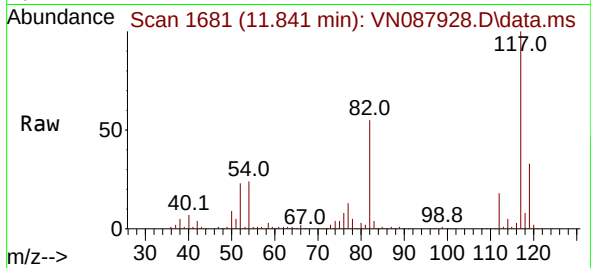




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087928.D
Acq: 23 Sep 2025 10:56

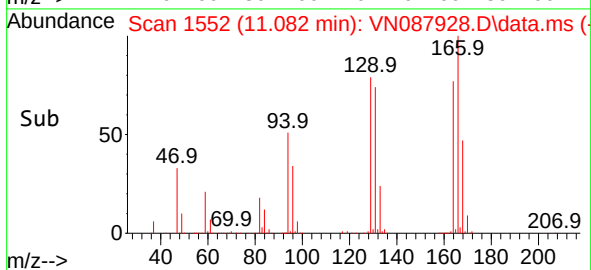
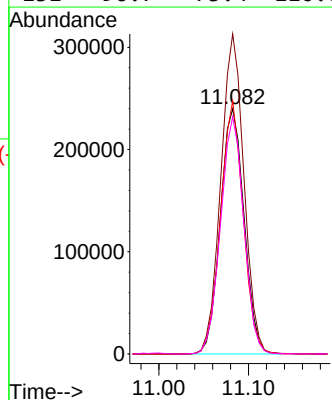
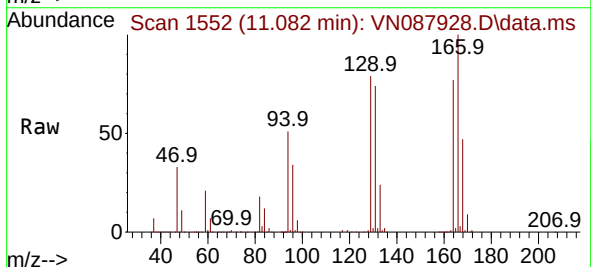
Instrument :
MSVOA_N
ClientSampleId :

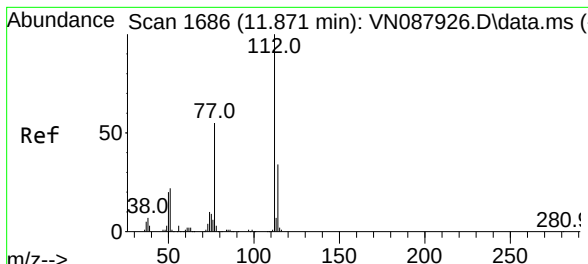
Tgt Ion:117 Resp: 448321
Ion Ratio Lower Upper
117 100
82 55.2 47.0 70.4
119 32.7 26.1 39.1



#64
Tetrachloroethene
Concen: 161.378 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN087928.D
Acq: 23 Sep 2025 10:56

Tgt Ion:164 Resp: 440710
Ion Ratio Lower Upper
164 100
166 130.5 101.6 152.4
129 103.2 77.5 116.3
131 96.7 73.4 110.0

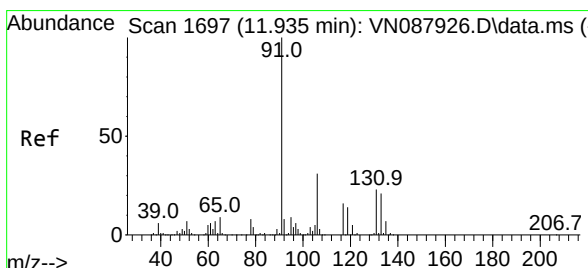
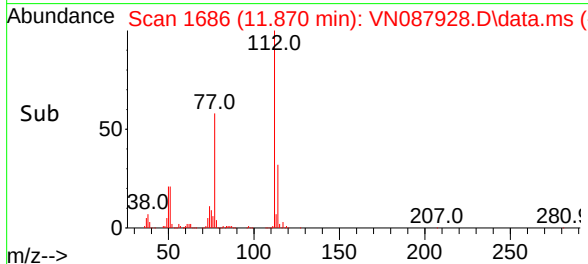
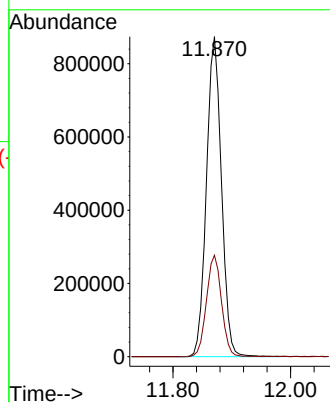
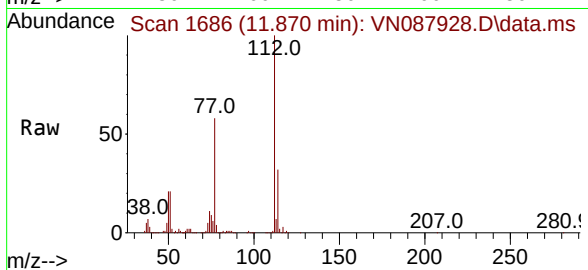




#65
Chlorobenzene
Concen: 162.594 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087928.D
Acq: 23 Sep 2025 10:56

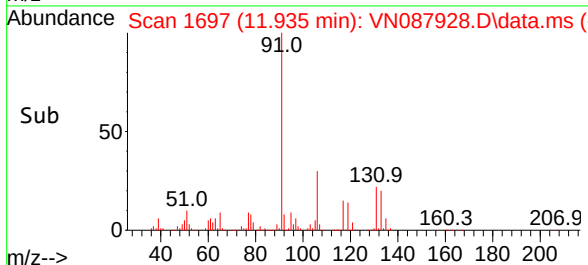
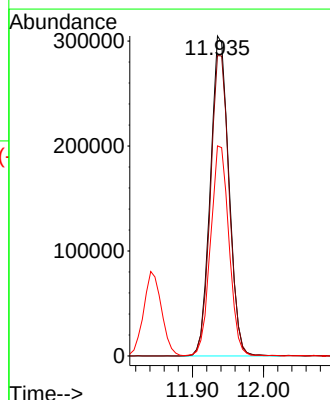
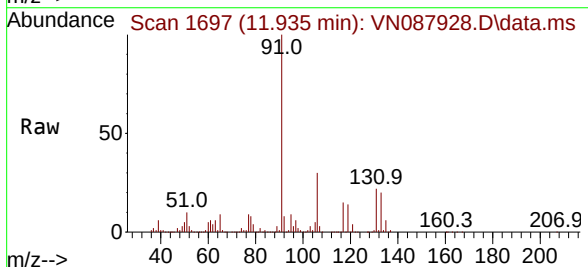
Instrument :
MSVOA_N
ClientSampleId :

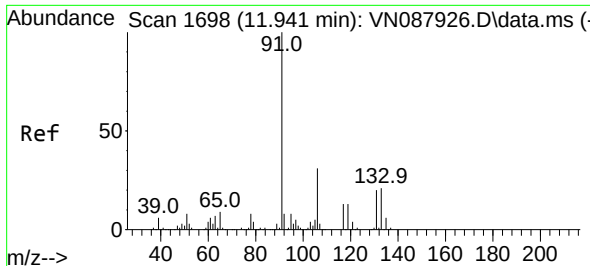
Tgt Ion:112 Resp: 1551249
Ion Ratio Lower Upper
112 100
114 31.7 27.2 40.8



#66
1,1,1,2-Tetrachloroethane
Concen: 159.899 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VN087928.D
Acq: 23 Sep 2025 10:56

Tgt Ion:131 Resp: 550130
Ion Ratio Lower Upper
131 100
133 95.5 48.4 145.0
119 65.3 31.9 95.5

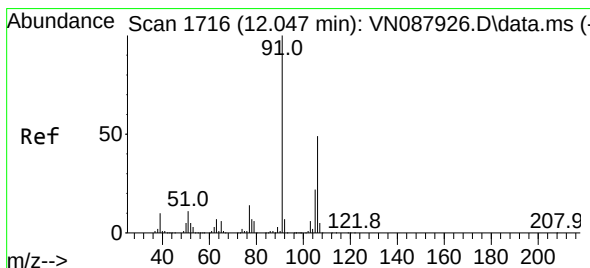
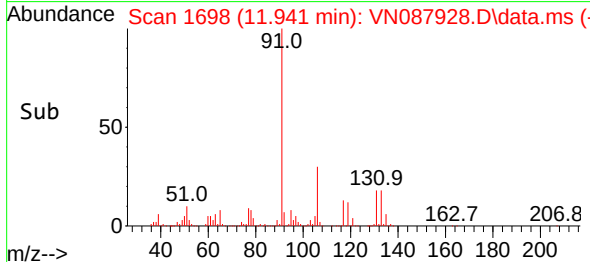
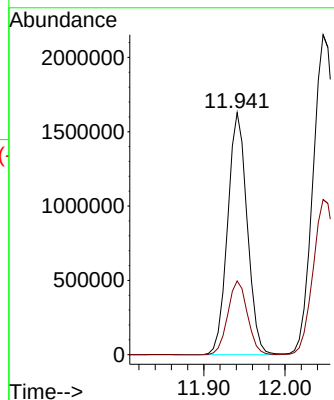
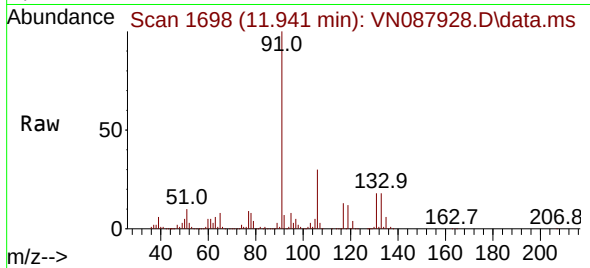




#67
Ethyl Benzene
Concen: 170.833 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087928.D
Acq: 23 Sep 2025 10:56

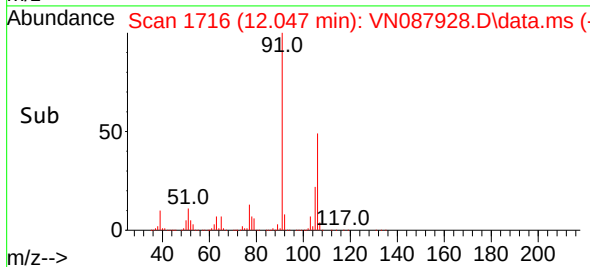
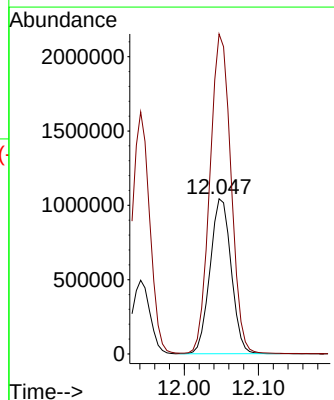
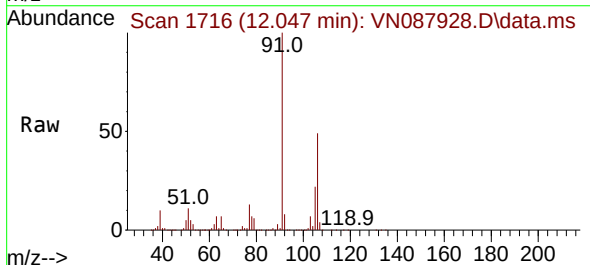
Instrument :
MSVOA_N
ClientSampleId :

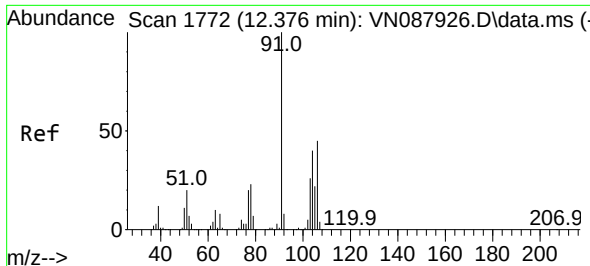
Tgt Ion: 91 Resp: 2719603
Ion Ratio Lower Upper
91 100
106 30.5 25.2 37.8



#68
m/p-Xylenes
Concen: 338.900 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN087928.D
Acq: 23 Sep 2025 10:56

Tgt Ion:106 Resp: 2063388
Ion Ratio Lower Upper
106 100
91 206.5 162.9 244.3

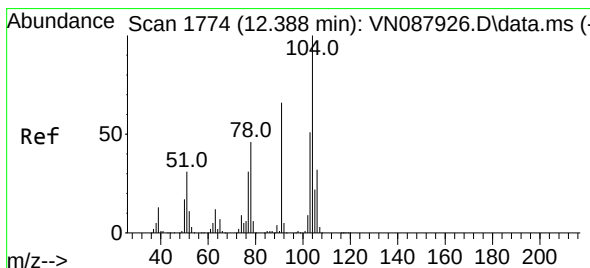
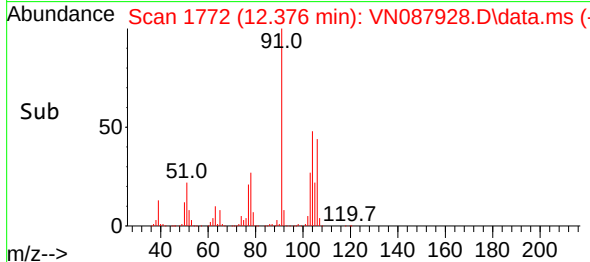
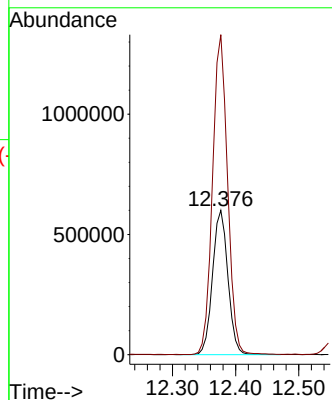
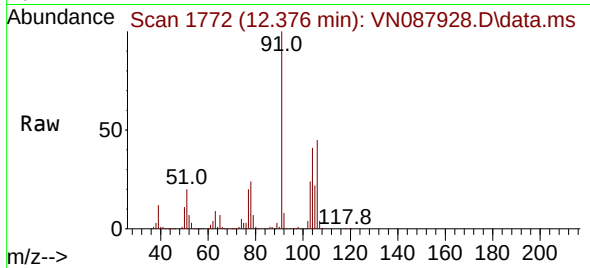




#69
o-Xylene
Concen: 172.832 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087928.D
Acq: 23 Sep 2025 10:56

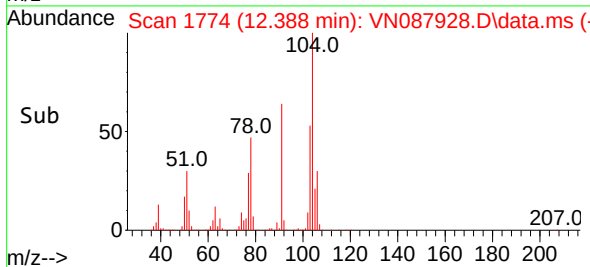
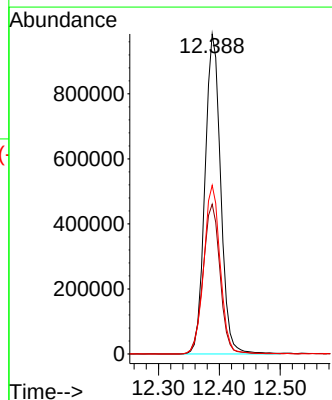
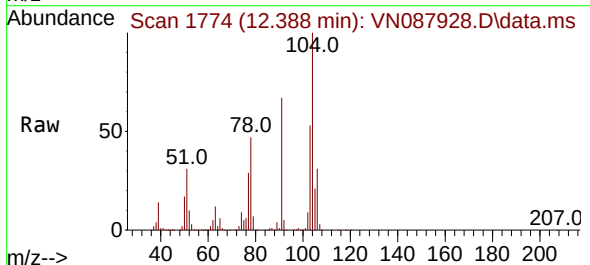
Instrument :
MSVOA_N
ClientSampleId :

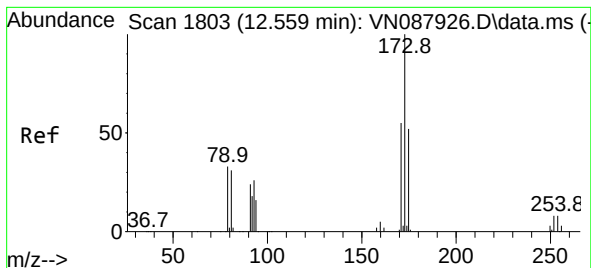
Tgt Ion:106 Resp: 1010983
Ion Ratio Lower Upper
106 100
91 217.3 108.2 324.6



#70
Styrene
Concen: 175.610 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN087928.D
Acq: 23 Sep 2025 10:56

Tgt Ion:104 Resp: 1764226
Ion Ratio Lower Upper
104 100
78 50.5 39.7 59.5
103 55.2 44.6 67.0





#71

Bromoform

Concen: 169.708 ug/l

RT: 12.559 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087928.D

Acq: 23 Sep 2025 10:56

Instrument :

MSVOA_N

ClientSampleId :

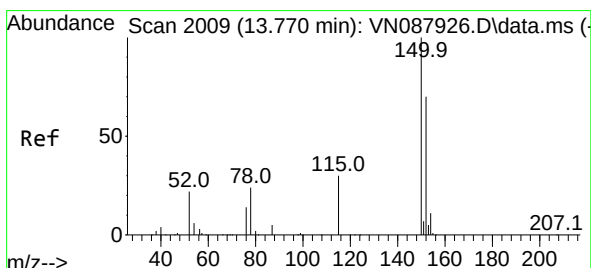
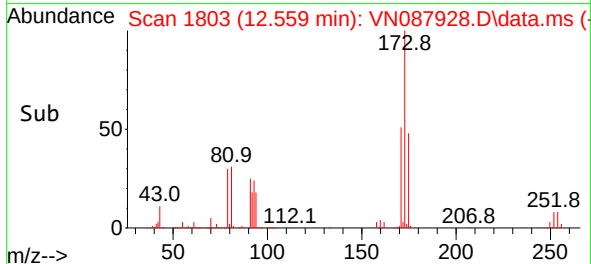
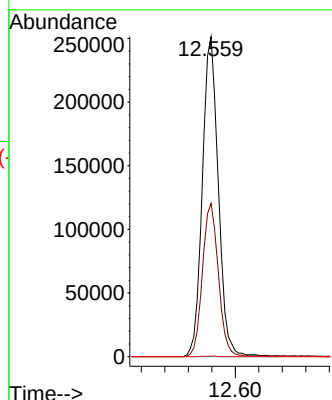
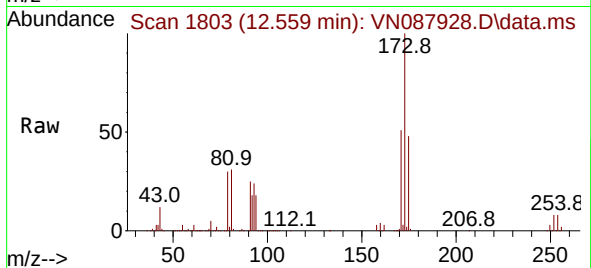
Tgt Ion:173 Resp: 473708

Ion Ratio Lower Upper

173 100

175 47.9 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: VN087928.D

Acq: 23 Sep 2025 10:56

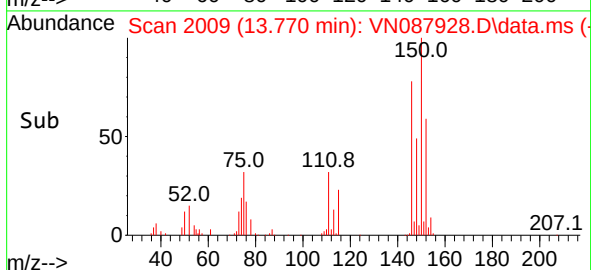
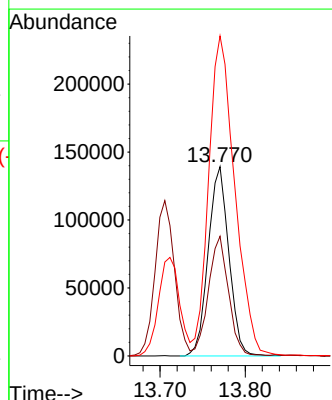
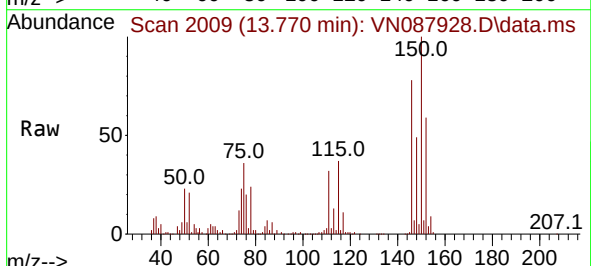
Tgt Ion:152 Resp: 234506

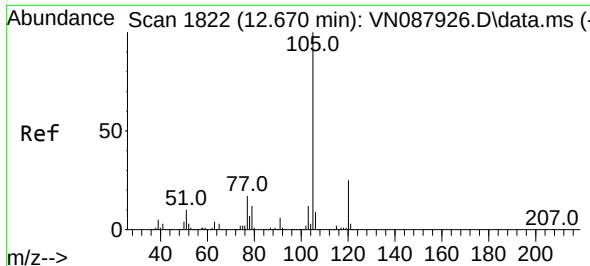
Ion Ratio Lower Upper

152 100

115 61.0 29.9 89.7

150 212.4 0.0 335.0

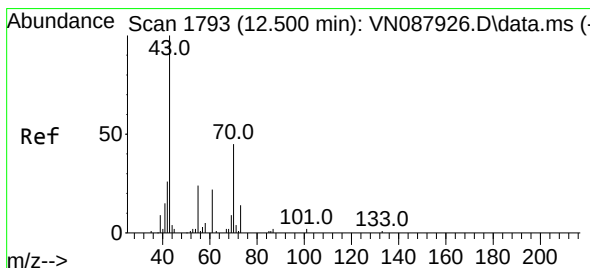
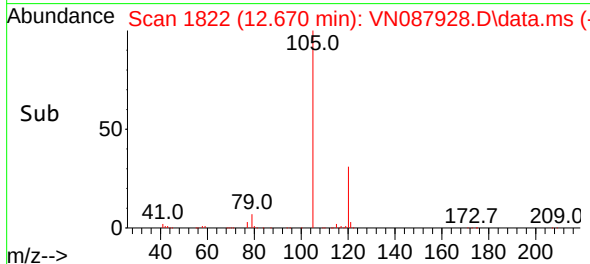
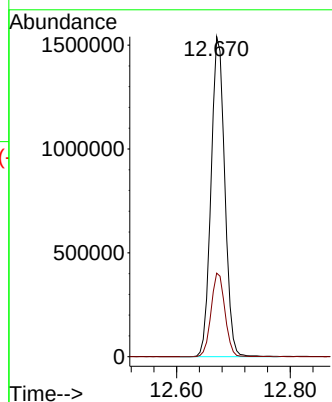
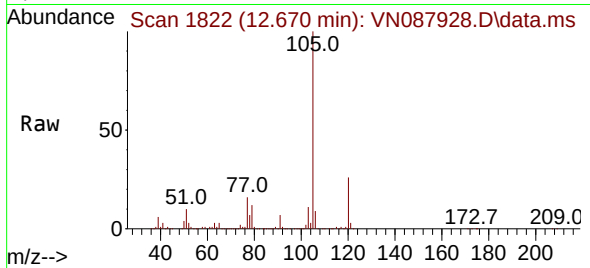




#73
Isopropylbenzene
Concen: 176.821 ug/l
RT: 12.670 min Scan# 1822
Delta R.T. -0.000 min
Lab File: VN087928.D
Acq: 23 Sep 2025 10:56

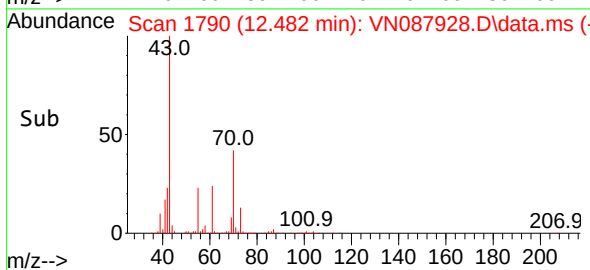
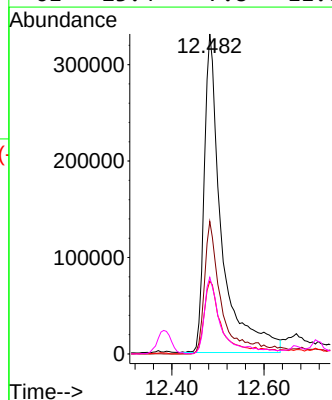
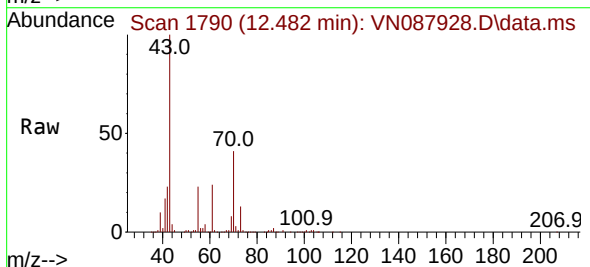
Instrument :
MSVOA_N
ClientSampleId :

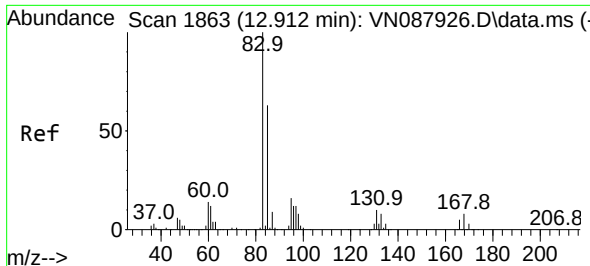
Tgt Ion:105 Resp: 2569941
Ion Ratio Lower Upper
105 100
120 26.3 13.1 39.1



#74
N-ethyl acetate
Concen: 200.832 ug/l
RT: 12.482 min Scan# 1790
Delta R.T. -0.018 min
Lab File: VN087928.D
Acq: 23 Sep 2025 10:56

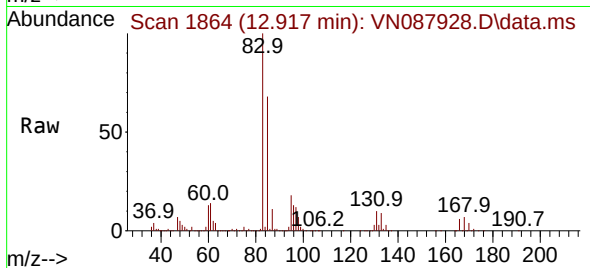
Tgt Ion: 43 Resp: 869458
Ion Ratio Lower Upper
43 100
70 38.2 19.8 29.8#
55 21.8 9.6 14.4#
61 23.4 7.8 11.6#



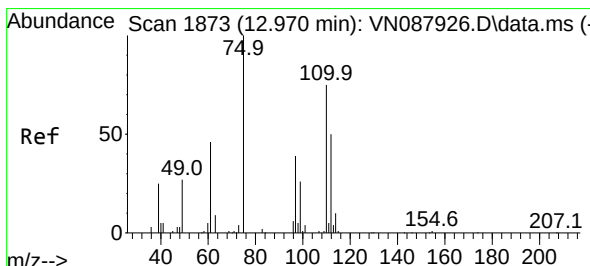
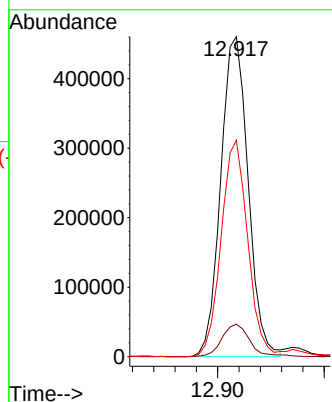
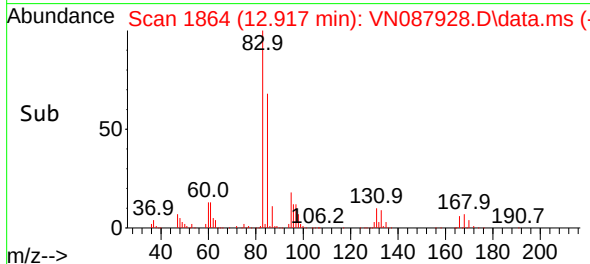


#75
 1,1,2,2-Tetrachloroethane
 Concen: 156.965 ug/l
 RT: 12.917 min Scan# 1864
 Delta R.T. 0.006 min
 Lab File: VN087928.D
 Acq: 23 Sep 2025 10:56

Instrument :
 MSVOA_N
 ClientSampleId :

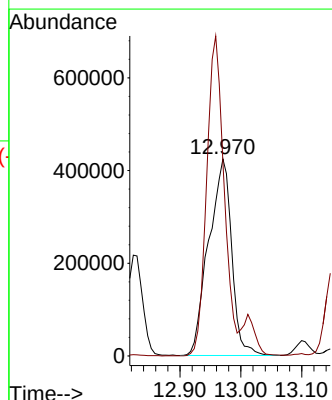
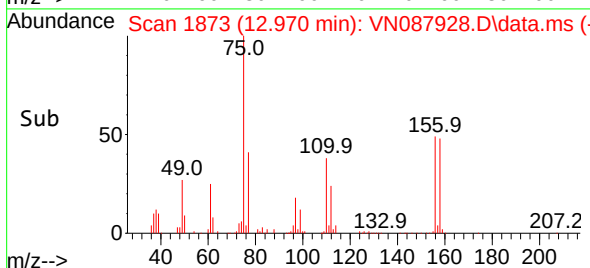
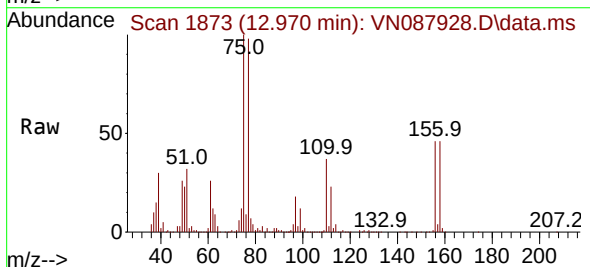


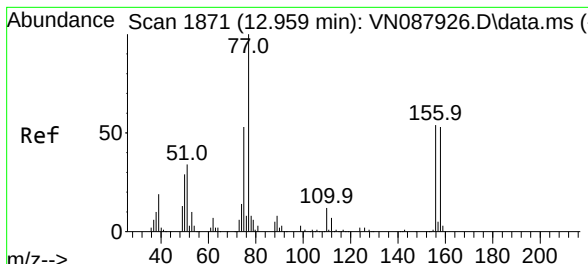
Tgt Ion: 83 Resp: 821974
 Ion Ratio Lower Upper
 83 100
 131 10.4 5.2 15.6
 85 65.6 32.4 97.0



#76
 1,2,3-Trichloropropane
 Concen: 239.329 ug/l
 RT: 12.970 min Scan# 1873
 Delta R.T. -0.000 min
 Lab File: VN087928.D
 Acq: 23 Sep 2025 10:56

Tgt Ion: 75 Resp: 1113293
 Ion Ratio Lower Upper
 75 100
 77 122.9 89.5 268.5

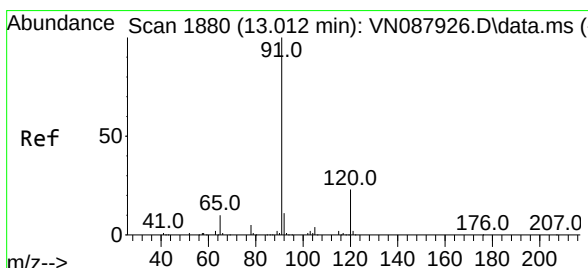
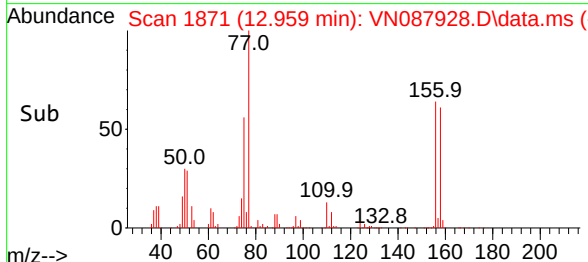
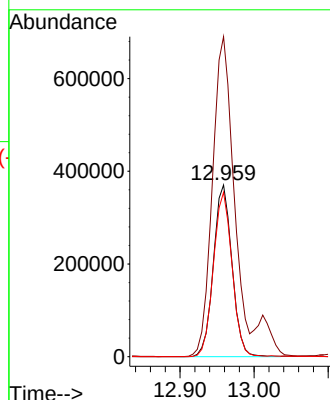
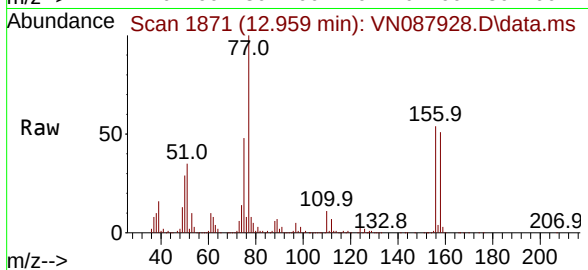




#77
Bromobenzene
Concen: 166.683 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN087928.D
Acq: 23 Sep 2025 10:56

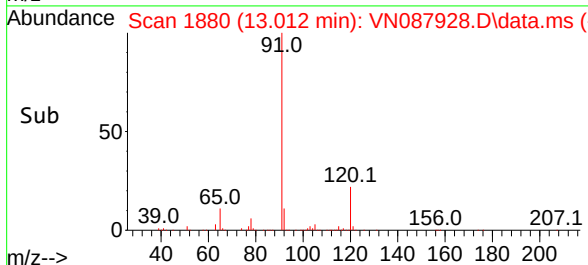
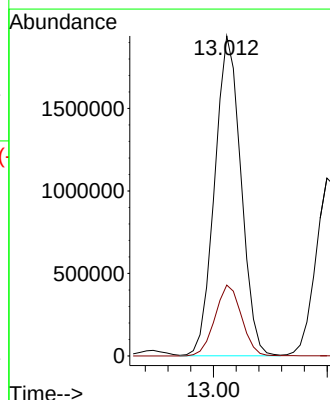
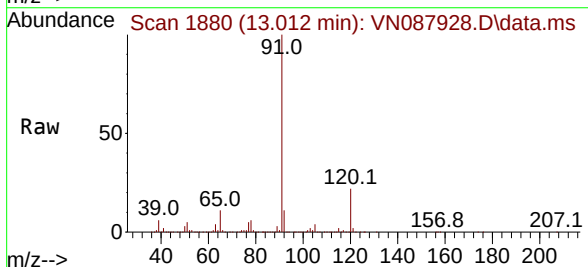
Instrument :
MSVOA_N
ClientSampleId :

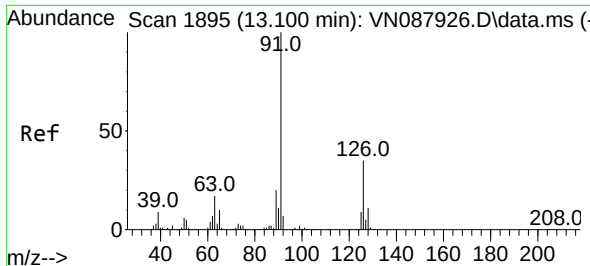
Tgt Ion:156 Resp: 644570
Ion Ratio Lower Upper
156 100
77 212.3 108.2 324.6
158 96.1 49.6 149.0



#78
n-propylbenzene
Concen: 171.486 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN087928.D
Acq: 23 Sep 2025 10:56

Tgt Ion: 91 Resp: 3116141
Ion Ratio Lower Upper
91 100
120 22.5 11.1 33.1

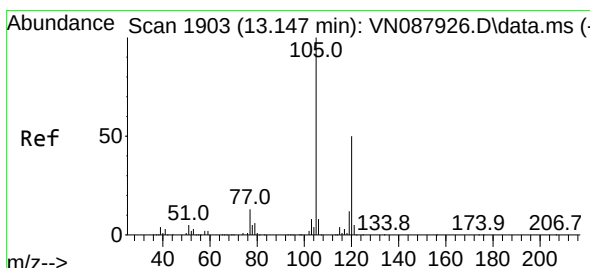
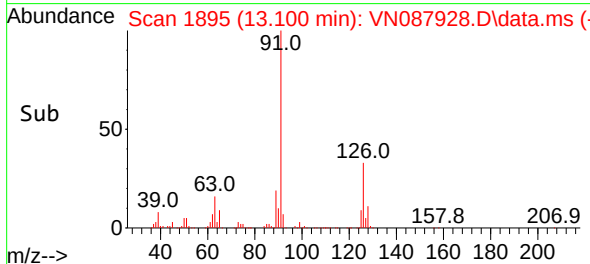
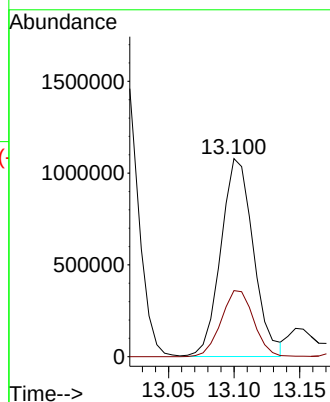
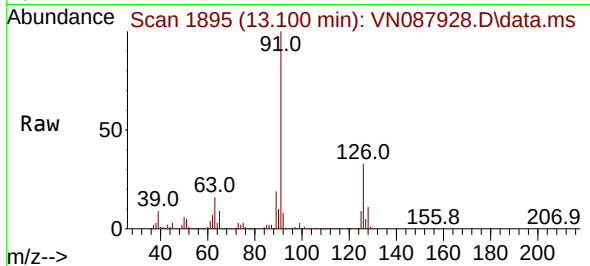




#79
2-Chlorotoluene
Concen: 168.288 ug/l
RT: 13.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087928.D
Acq: 23 Sep 2025 10:56

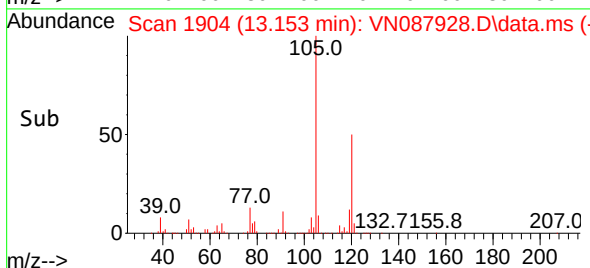
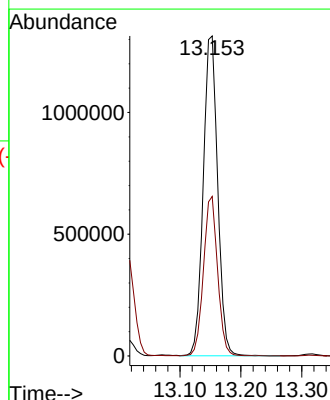
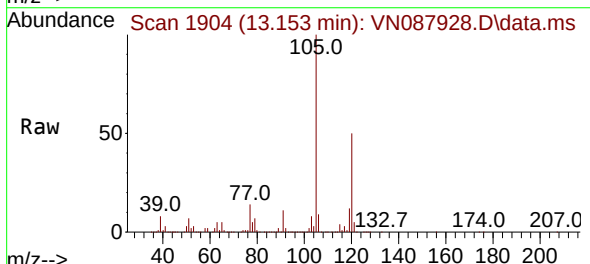
Instrument :
MSVOA_N
ClientSampleId :

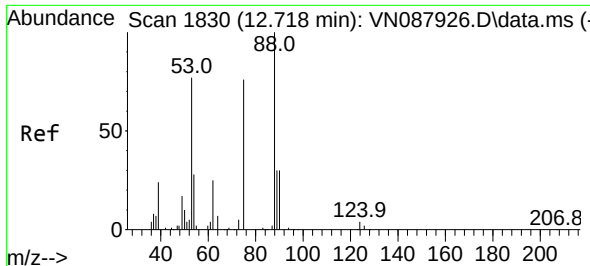
Tgt Ion: 91 Resp: 1861996
Ion Ratio Lower Upper
91 100
126 33.4 16.6 49.8



#80
1,3,5-Trimethylbenzene
Concen: 172.277 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VN087928.D
Acq: 23 Sep 2025 10:56

Tgt Ion:105 Resp: 2165785
Ion Ratio Lower Upper
105 100
120 48.9 24.7 74.1

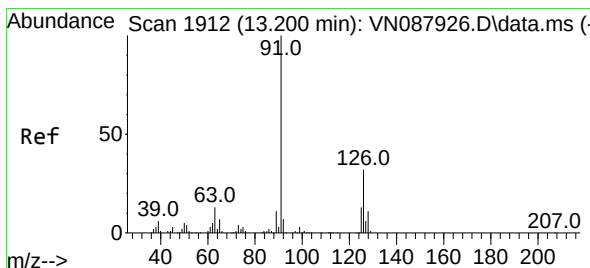
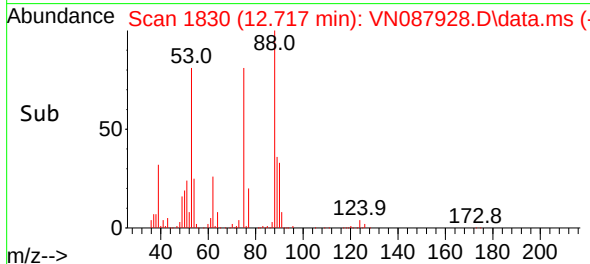
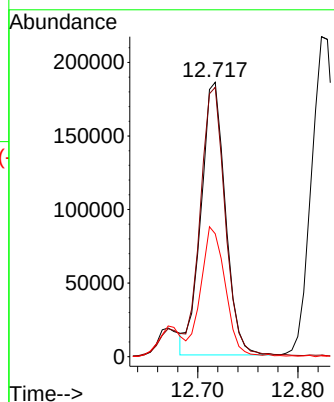
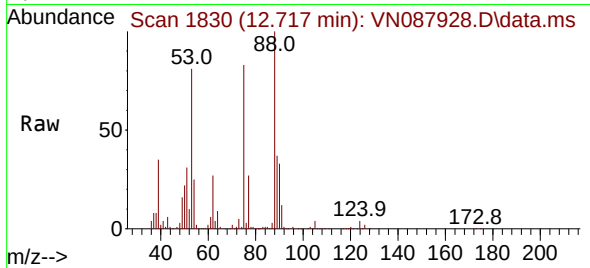




#81
trans-1,4-Dichloro-2-butene
Concen: 188.706 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN087928.D
Acq: 23 Sep 2025 10:56

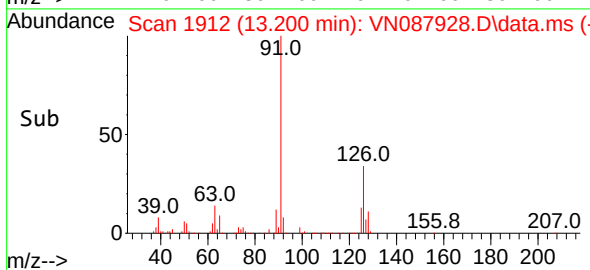
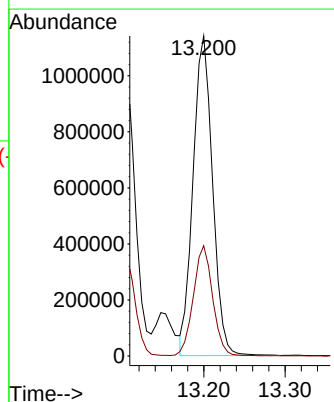
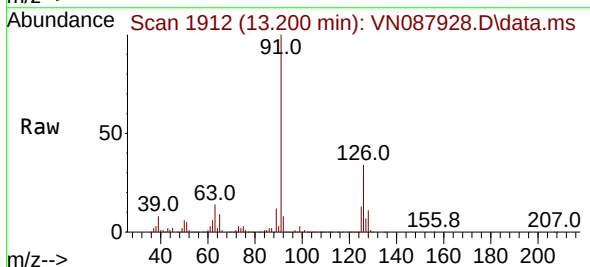
Instrument :
MSVOA_N
ClientSampleId :

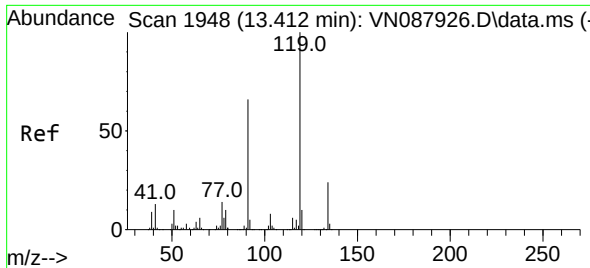
Tgt Ion: 75 Resp: 314140
Ion Ratio Lower Upper
75 100
53 99.6 82.0 123.0
89 47.4 36.1 54.1



#82
4-Chlorotoluene
Concen: 170.704 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087928.D
Acq: 23 Sep 2025 10:56

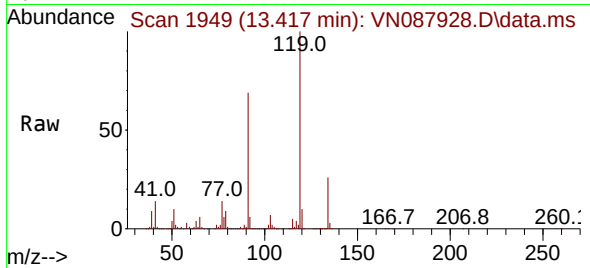
Tgt Ion: 91 Resp: 1903146
Ion Ratio Lower Upper
91 100
126 34.1 16.9 50.6





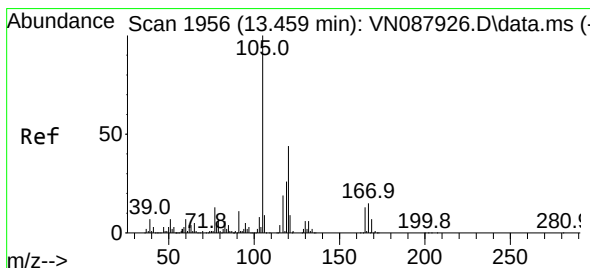
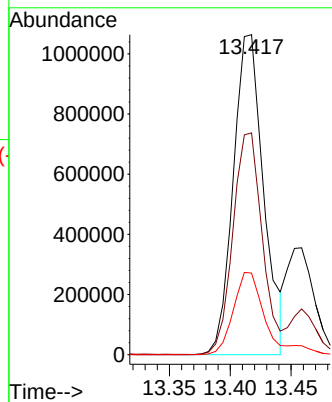
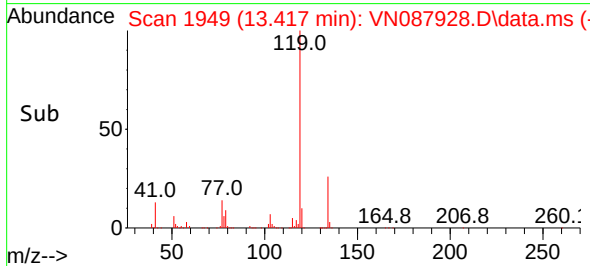
#83
 tert-Butylbenzene
 Concen: 173.412 ug/l
 RT: 13.417 min Scan# 1949
 Delta R.T. 0.006 min
 Lab File: VN087928.D
 Acq: 23 Sep 2025 10:56

Instrument :
 MSVOA_N
 ClientSampleId :

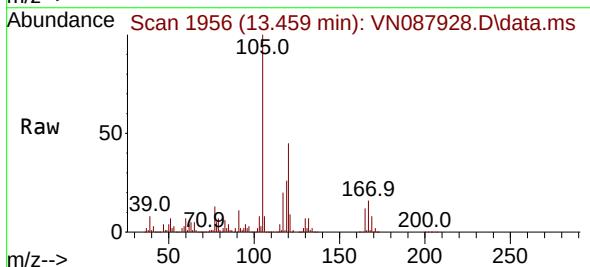


Tgt Ion:119 Resp: 1845254

Ion	Ratio	Lower	Upper
119	100		
91	66.9	32.1	96.3
134	27.2	12.3	36.8

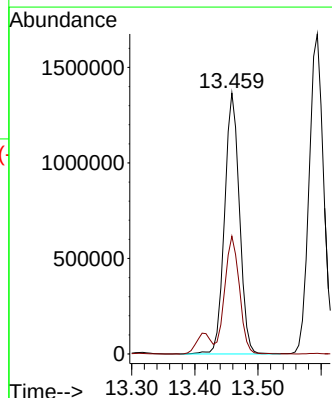
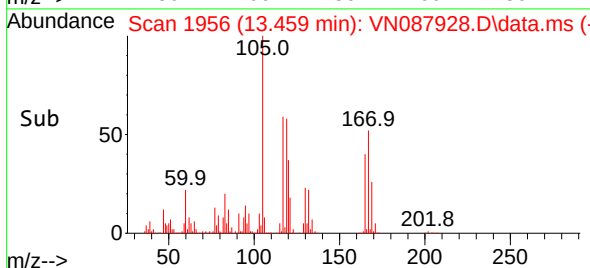


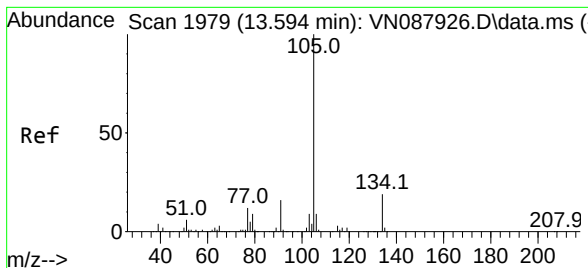
#84
 1,2,4-Trimethylbenzene
 Concen: 173.177 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. -0.000 min
 Lab File: VN087928.D
 Acq: 23 Sep 2025 10:56



Tgt Ion:105 Resp: 2233067

Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.4	67.3





#85

sec-Butylbenzene

Concen: 170.918 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. -0.000 min

Lab File: VN087928.D

Acq: 23 Sep 2025 10:56

Instrument :

MSVOA_N

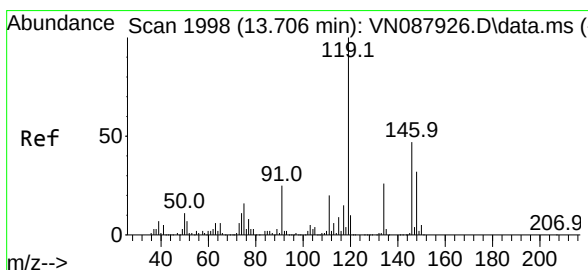
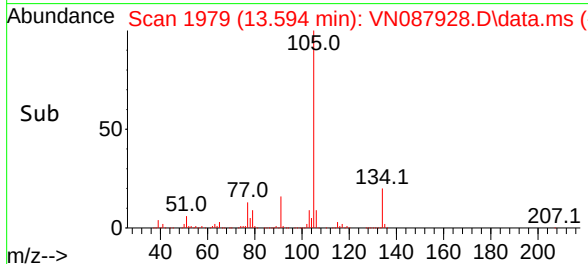
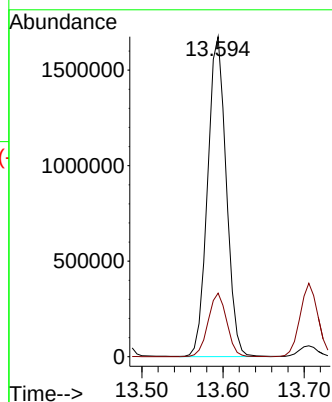
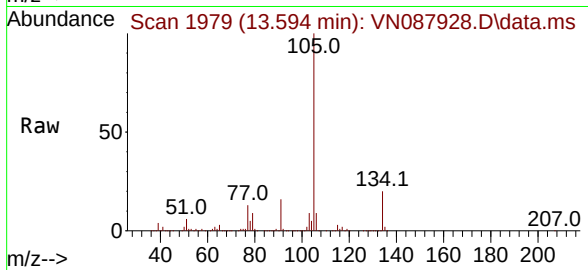
ClientSampleId :

Tgt Ion:105 Resp: 2666471

Ion Ratio Lower Upper

105 100

134 19.9 9.6 28.8



#86

p-Isopropyltoluene

Concen: 173.808 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. -0.000 min

Lab File: VN087928.D

Acq: 23 Sep 2025 10:56

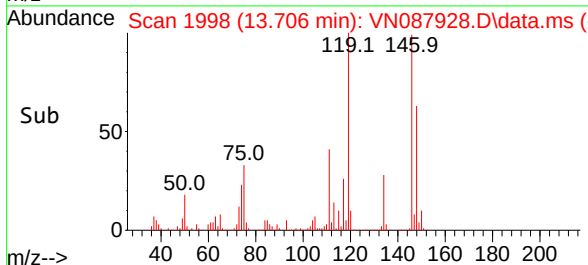
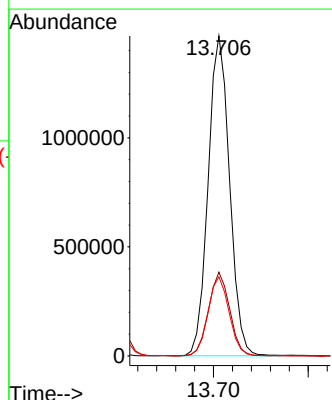
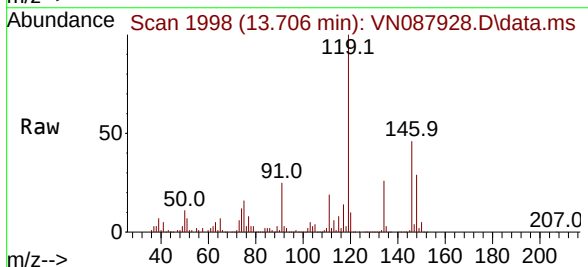
Tgt Ion:119 Resp: 2296563

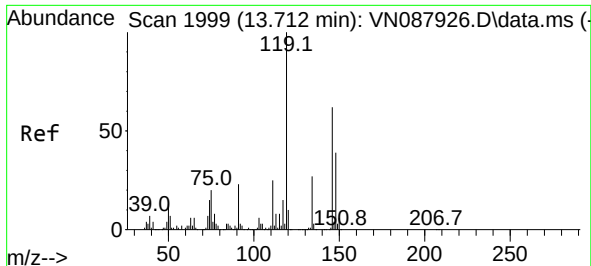
Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.3

91 24.6 11.9 35.5

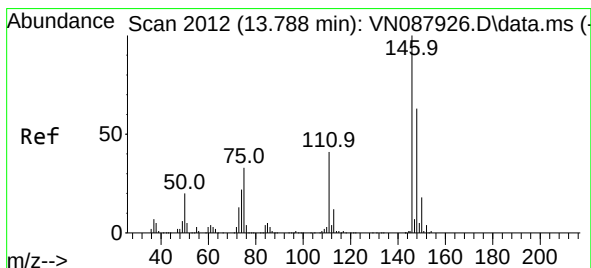
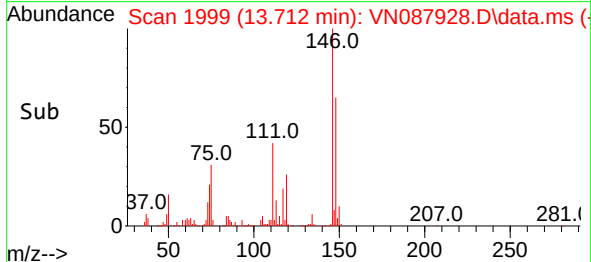
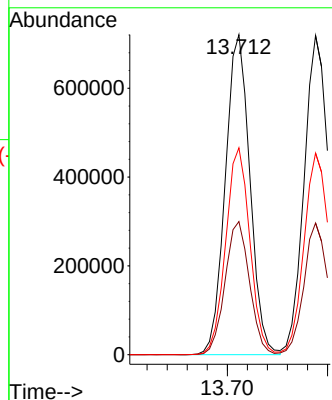
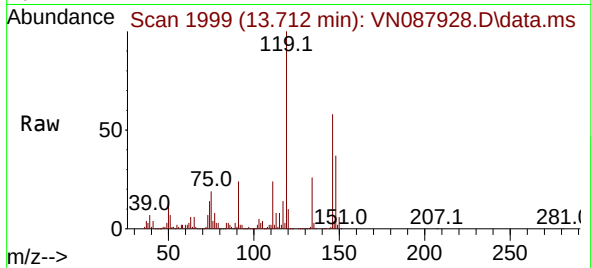




#87
1,3-Dichlorobenzene
Concen: 162.683 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN087928.D
Acq: 23 Sep 2025 10:56

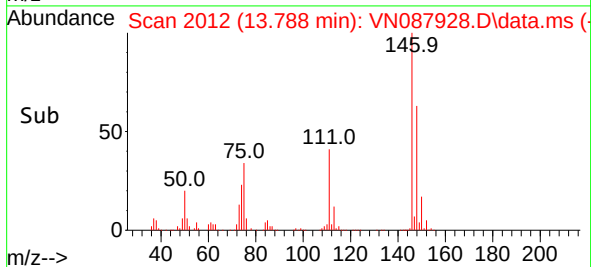
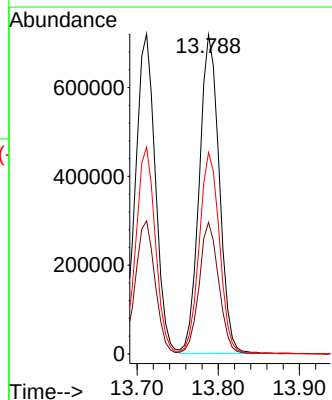
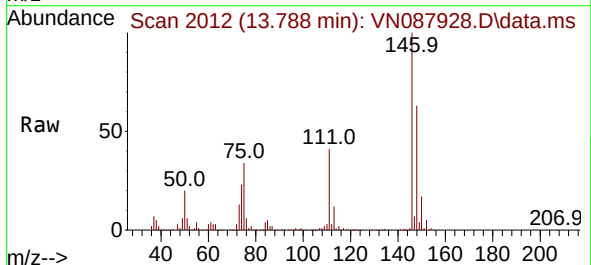
Instrument :
MSVOA_N
ClientSampleId :

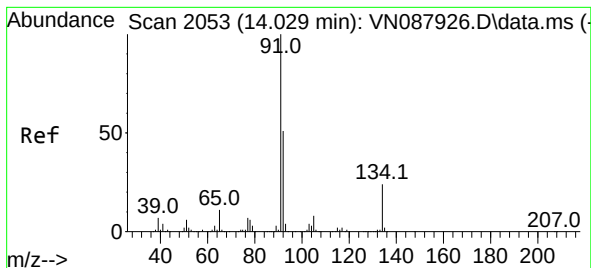
Tgt Ion:146 Resp: 1227647
Ion Ratio Lower Upper
146 100
111 41.3 20.3 60.8
148 63.5 32.4 97.2



#88
1,4-Dichlorobenzene
Concen: 158.218 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN087928.D
Acq: 23 Sep 2025 10:56

Tgt Ion:146 Resp: 1227019
Ion Ratio Lower Upper
146 100
111 40.3 20.5 61.5
148 64.1 32.8 98.4





#89

n-Butylbenzene

Concen: 171.197 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.006 min

Lab File: VN087928.D

Acq: 23 Sep 2025 10:56

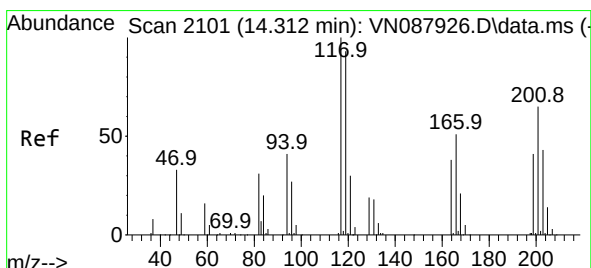
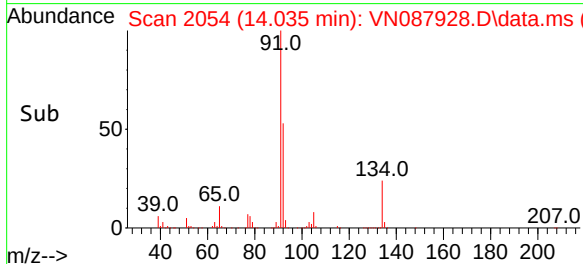
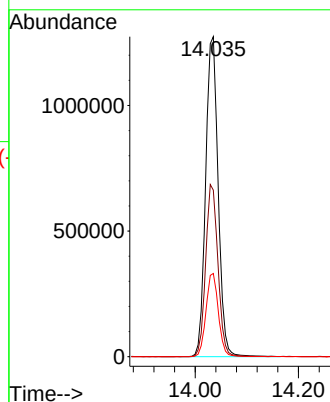
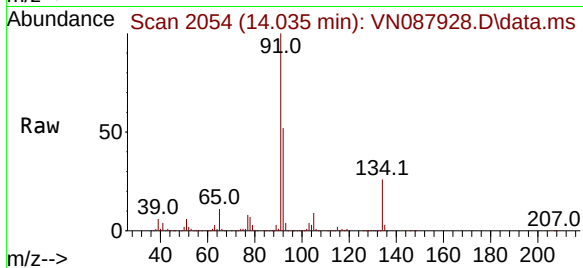
Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 91 Resp: 2137754

Ion	Ratio	Lower	Upper
91	100		
92	53.1	25.9	77.8
134	25.7	12.6	37.8



#90

Hexachloroethane

Concen: 161.465 ug/l

RT: 14.306 min Scan# 2100

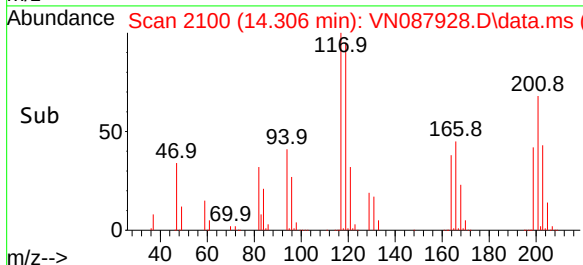
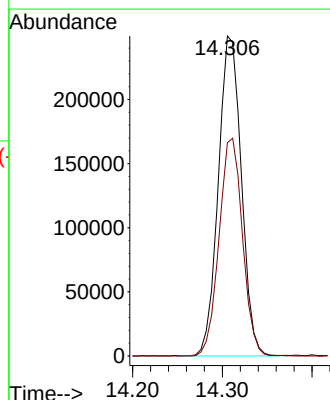
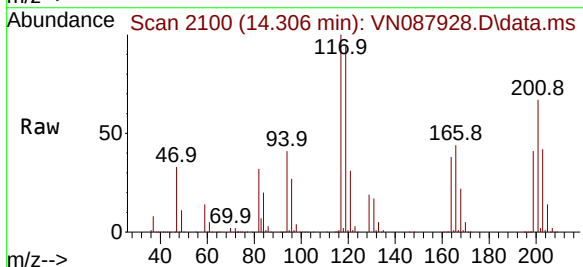
Delta R.T. -0.006 min

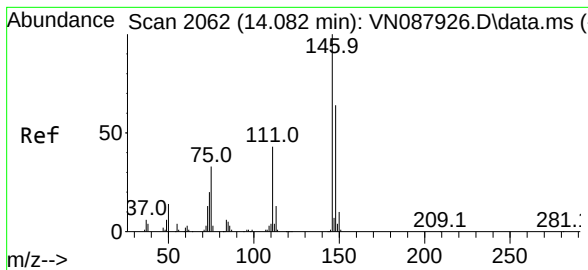
Lab File: VN087928.D

Acq: 23 Sep 2025 10:56

Tgt Ion: 117 Resp: 445654

Ion	Ratio	Lower	Upper
117	100		
201	68.9	33.6	100.6



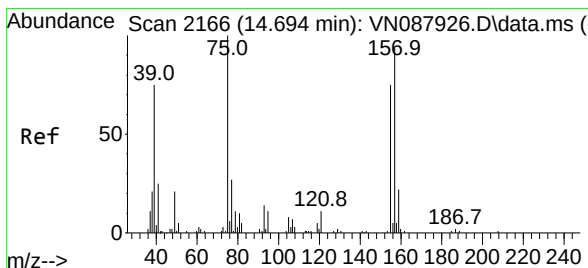
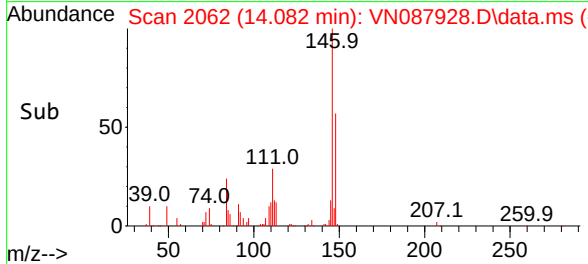
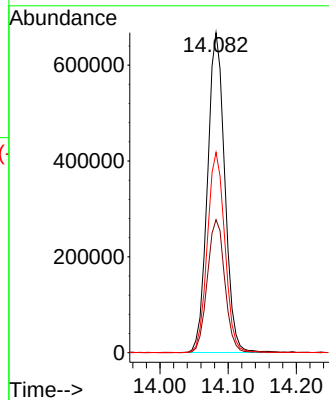
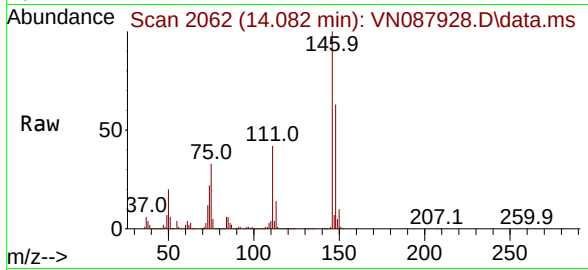


#91
 1,2-Dichlorobenzene
 Concen: 161.827 ug/l
 RT: 14.082 min Scan# 2062
 Delta R.T. -0.000 min
 Lab File: VN087928.D
 Acq: 23 Sep 2025 10:56

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion:146 Resp: 1177111

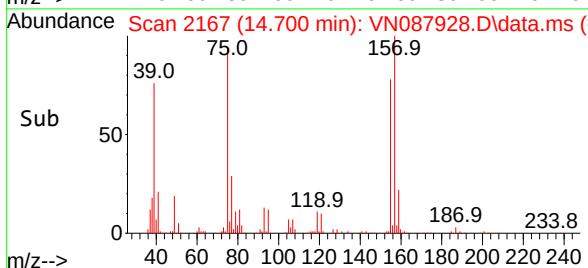
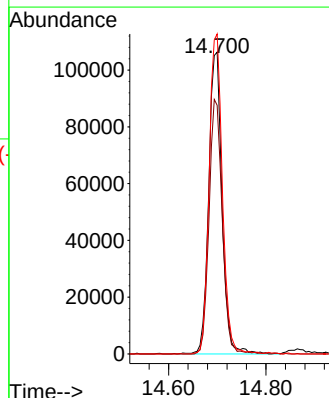
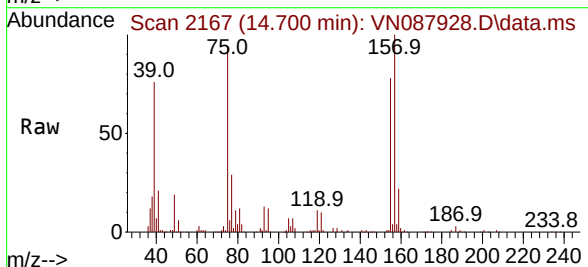
Ion	Ratio	Lower	Upper
146	100		
111	42.3	20.9	62.7
148	63.4	31.9	95.9

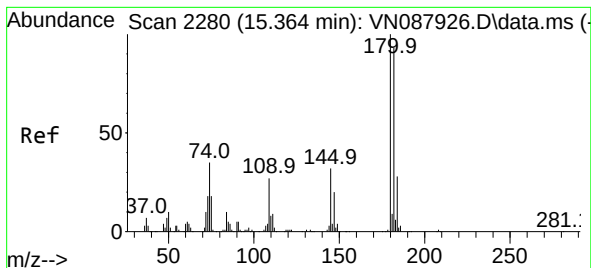


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 165.436 ug/l
 RT: 14.700 min Scan# 2167
 Delta R.T. 0.006 min
 Lab File: VN087928.D
 Acq: 23 Sep 2025 10:56

Tgt Ion: 75 Resp: 201299

Ion	Ratio	Lower	Upper
75	100		
155	83.3	40.2	120.6
157	105.7	50.9	152.7





#93

1,2,4-Trichlorobenzene

Concen: 180.060 ug/l

RT: 15.364 min Scan# 21

Delta R.T. -0.000 min MSVOA_N

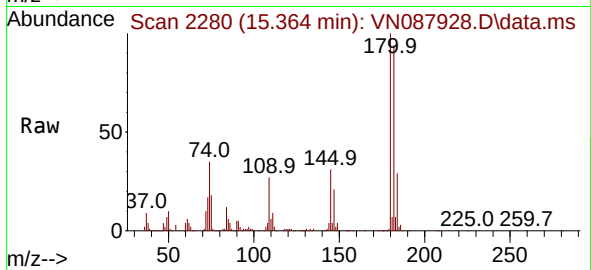
Lab File: VN087928.D

Acq: 23 Sep 2025 10:56

Instrument :

MSVOA_N

ClientSampleId :



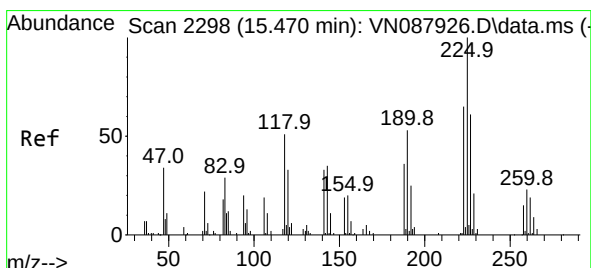
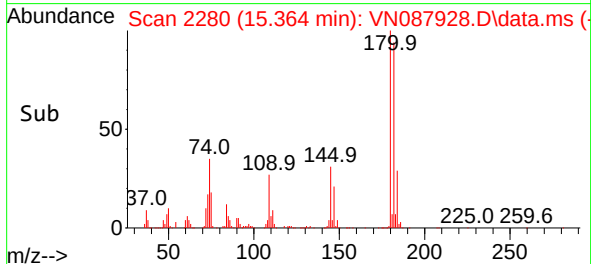
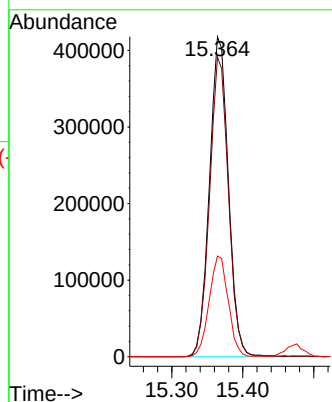
Tgt Ion:180 Resp: 773312

Ion Ratio Lower Upper

180 100

182 93.3 48.5 145.5

145 31.8 15.9 47.6



#94

Hexachlorobutadiene

Concen: 166.949 ug/l

RT: 15.470 min Scan# 2298

Delta R.T. -0.000 min

Lab File: VN087928.D

Acq: 23 Sep 2025 10:56

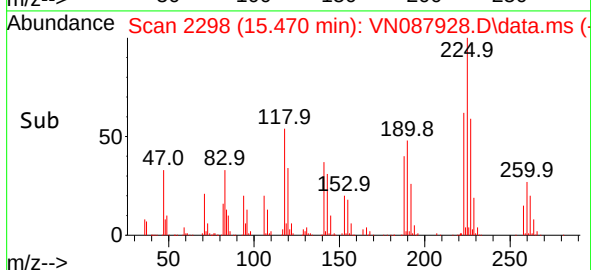
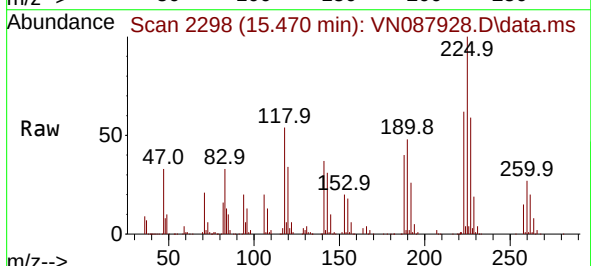
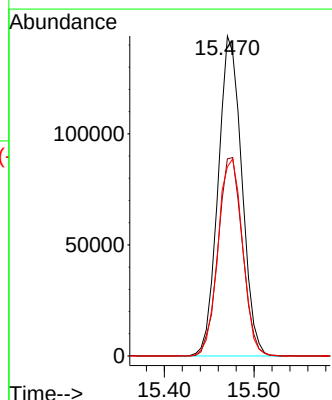
Tgt Ion:225 Resp: 263904

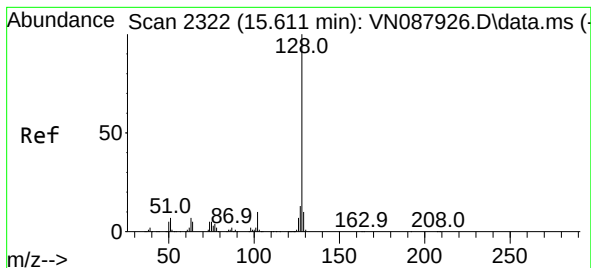
Ion Ratio Lower Upper

225 100

223 63.8 31.8 95.4

227 63.9 31.9 95.9





#95

Naphthalene

Concen: 188.641 ug/l

RT: 15.611 min Scan# 2322

Delta R.T. -0.000 min

Lab File: VN087928.D

Acq: 23 Sep 2025 10:56

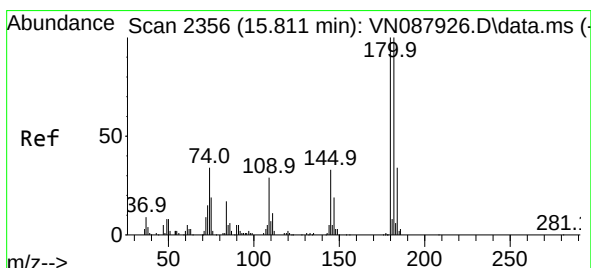
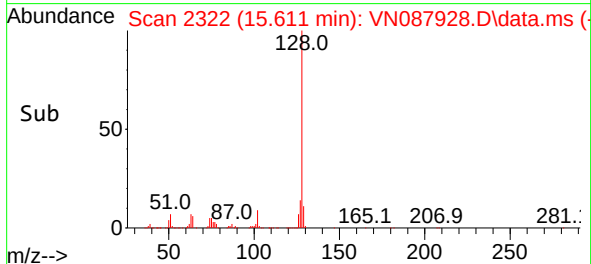
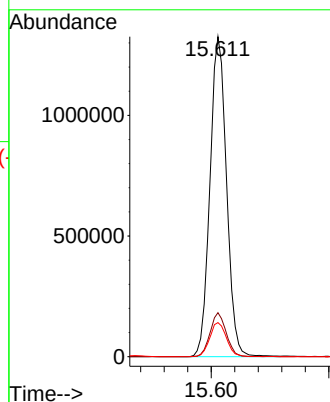
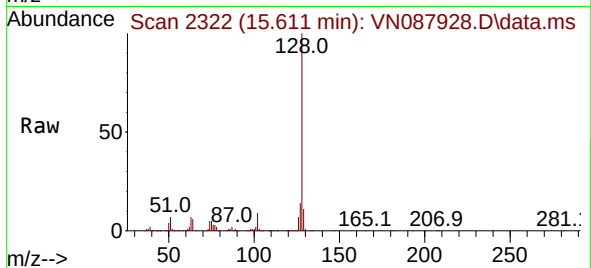
Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:128 Resp: 2600638

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.2	15.4
129	10.8	8.6	13.0



#96

1,2,3-Trichlorobenzene

Concen: 179.922 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. -0.000 min

Lab File: VN087928.D

Acq: 23 Sep 2025 10:56

Tgt Ion:180 Resp: 751222

Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.3	142.0
145	33.5	16.1	48.3

