

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
 Data File : VN087927.D
 Acq On : 23 Sep 2025 10:36
 Operator : JC\MD
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 24 04:48:54 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	250140	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	448432	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	431445	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	232835	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.559	65	450719	107.068	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 214.140%#	
35) Dibromofluoromethane	8.147	113	345448	106.100	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 212.200%#	
50) Toluene-d8	10.547	98	1281272	111.905	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 223.820%#	
62) 4-Bromofluorobenzene	12.829	95	458572	112.049	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 224.100%#	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.142	85	252462	87.151	ug/l	97
3) Chloromethane	2.383	50	248449	83.763	ug/l	100
4) Vinyl Chloride	2.536	62	258079	85.285	ug/l	100
5) Bromomethane	2.959	94	165493	88.215	ug/l	98
6) Chloroethane	3.130	64	168581	85.680	ug/l	92
7) Trichlorofluoromethane	3.506	101	408423	82.895	ug/l	96
8) Diethyl Ether	3.959	74	157544	84.639	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	219815	84.412	ug/l	98
10) Methyl Iodide	4.577	142	238972	101.965	ug/l	96
11) Tert butyl alcohol	5.524	59	261539	431.343	ug/l	98
12) 1,1-Dichloroethene	4.336	96	224049	85.270	ug/l	95
13) Acrolein	4.177	56	413952	532.076	ug/l	97
14) Allyl chloride	5.012	41	375296	87.735	ug/l	99
15) Acrylonitrile	5.712	53	820847	431.586	ug/l	99
16) Acetone	4.418	43	684989	393.064	ug/l	98
17) Carbon Disulfide	4.700	76	699756	85.238	ug/l	97
18) Methyl Acetate	5.018	43	383631	88.503	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	905869	88.256	ug/l	100
20) Methylene Chloride	5.259	84	285438	81.418	ug/l	95
21) trans-1,2-Dichloroethene	5.771	96	271323	84.233	ug/l	92
22) Diisopropyl ether	6.659	45	881761	88.301	ug/l	95
23) Vinyl Acetate	6.589	43	4107130	488.483	ug/l	98
24) 1,1-Dichloroethane	6.553	63	492345	84.392	ug/l	99
25) 2-Butanone	7.471	43	1133783	428.271	ug/l	99
26) 2,2-Dichloropropane	7.477	77	434345	83.795	ug/l	100
27) cis-1,2-Dichloroethene	7.471	96	327964	85.571	ug/l	99
28) Bromochloromethane	7.800	49	299346	94.438	ug/l	100
29) Tetrahydrofuran	7.824	42	745260	439.646	ug/l	99
30) Chloroform	7.947	83	537746	84.299	ug/l	97
31) Cyclohexane	8.241	56	379372	80.366	ug/l	100
32) 1,1,1-Trichloroethane	8.153	97	454412	84.305	ug/l	97
36) 1,1-Dichloropropene	8.353	75	350081	89.421	ug/l	98
37) Ethyl Acetate	7.547	43	451409	87.805	ug/l	99
38) Carbon Tetrachloride	8.341	117	387306	86.213	ug/l	96
39) Methylcyclohexane	9.582	83	390119	90.330	ug/l	99
40) Benzene	8.588	78	1128183	87.033	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	235709	88.718	ug/l	95
42) 1,2-Dichloroethane	8.653	62	419019	86.620	ug/l	99
43) Isopropyl Acetate	8.671	43	725147	89.609	ug/l	99
44) Trichloroethene	9.335	130	272727	88.080	ug/l	90
45) 1,2-Dichloropropane	9.600	63	277676	85.427	ug/l	100
46) Dibromomethane	9.688	93	224518	87.537	ug/l	97
47) Bromodichloromethane	9.865	83	438840	87.234	ug/l	98
48) Methyl methacrylate	9.659	41	343963	91.785	ug/l	96
49) 1,4-Dioxane	9.677	88	94746	1711.395	ug/l #	85
51) 4-Methyl-2-Pentanone	10.424	43	2280534	451.629	ug/l	99
52) Toluene	10.606	92	727172	89.394	ug/l	99
53) t-1,3-Dichloropropene	10.818	75	464641	90.246	ug/l	99
54) cis-1,3-Dichloropropene	10.294	75	479067	89.589	ug/l	99
55) 1,1,2-Trichloroethane	10.994	97	285624	86.356	ug/l	99
56) Ethyl methacrylate	10.853	69	459730	96.195	ug/l	99
57) 1,3-Dichloropropane	11.141	76	483097	88.803	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	1121816	499.234	ug/l	98
59) 2-Hexanone	11.176	43	1603636	480.290	ug/l	98
60) Dibromochloromethane	11.335	129	350657	90.171	ug/l	99
61) 1,2-Dibromoethane	11.447	107	306002	87.393	ug/l	100
64) Tetrachloroethene	11.082	164	227824	86.687	ug/l	97
65) Chlorobenzene	11.871	112	811449	88.379	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.941	131	289426	87.414	ug/l	99
67) Ethyl Benzene	11.941	91	1412236	92.180	ug/l	98
68) m/p-Xylenes	12.047	106	1061087	181.095	ug/l	97
69) o-Xylene	12.376	106	518806	92.161	ug/l	97
70) Styrene	12.388	104	915672	94.710	ug/l	98
71) Bromoform	12.559	173	249268	92.794	ug/l #	99
73) Isopropylbenzene	12.670	105	1331440	92.265	ug/l	100
74) N-amyl acetate	12.494	43	304879	70.928	ug/l #	65
75) 1,1,2,2-Tetrachloroethane	12.918	83	444065	85.408	ug/l	99
76) 1,2,3-Trichloropropane	12.970	75	588641	127.451	ug/l	60
77) Bromobenzene	12.959	156	335228	87.310	ug/l	99
78) n-propylbenzene	13.012	91	1626563	90.155	ug/l	99
79) 2-Chlorotoluene	13.100	91	977059	88.941	ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	1151230	92.232	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.718	75	156770	94.849	ug/l	98
82) 4-Chlorotoluene	13.200	91	1006766	90.951	ug/l	100
83) tert-Butylbenzene	13.412	119	986126	93.339	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	1182488	92.362	ug/l	100
85) sec-Butylbenzene	13.594	105	1407683	90.879	ug/l	98
86) p-Isopropyltoluene	13.706	119	1206696	91.980	ug/l	100
87) 1,3-Dichlorobenzene	13.712	146	656218	87.583	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	662481	86.037	ug/l	98
89) n-Butylbenzene	14.035	91	1126206	90.837	ug/l	100
90) Hexachloroethane	14.306	117	236932	86.459	ug/l	99
91) 1,2-Dichlorobenzene	14.082	146	632359	87.559	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.694	75	102736	85.039	ug/l	97
93) 1,2,4-Trichlorobenzene	15.364	180	386396	90.615	ug/l	96
94) Hexachlorobutadiene	15.470	225	134018	85.390	ug/l	99
95) Naphthalene	15.611	128	1285628	93.924	ug/l	98
96) 1,2,3-Trichlorobenzene	15.811	180	372476	89.850	ug/l	100

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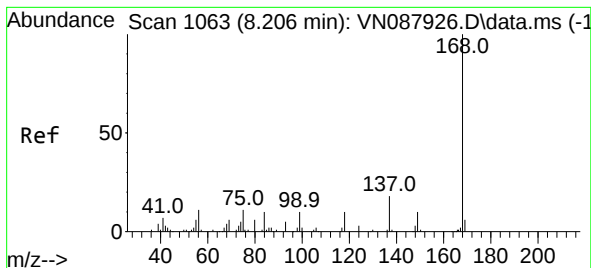
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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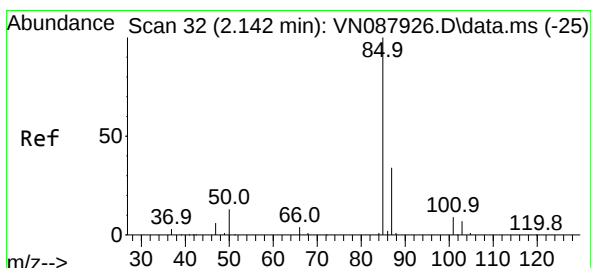
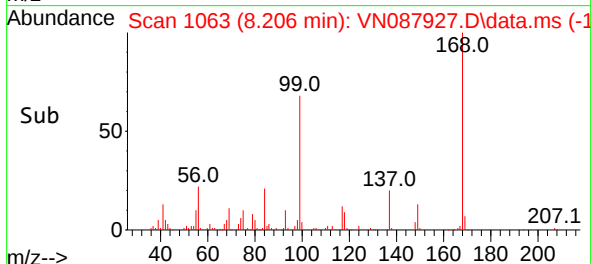
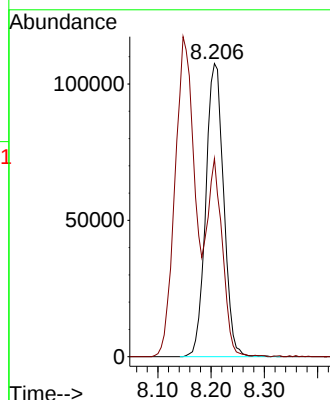
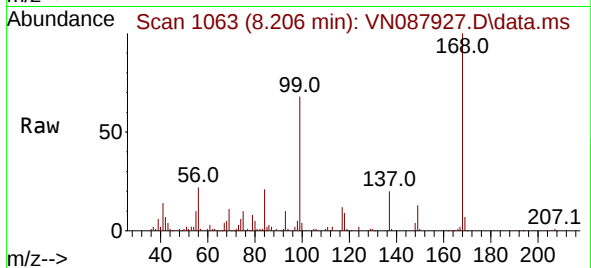




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
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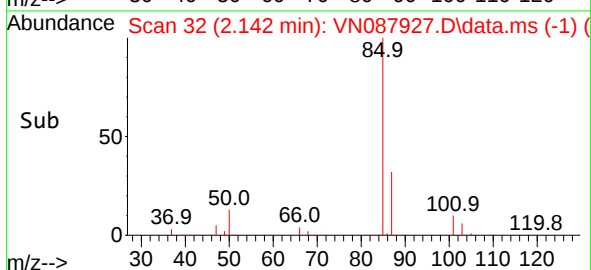
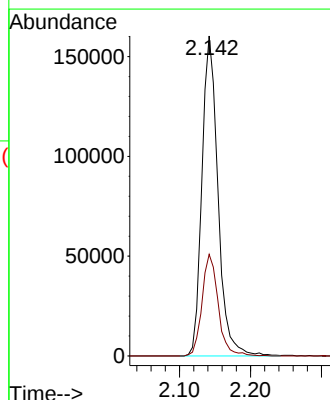
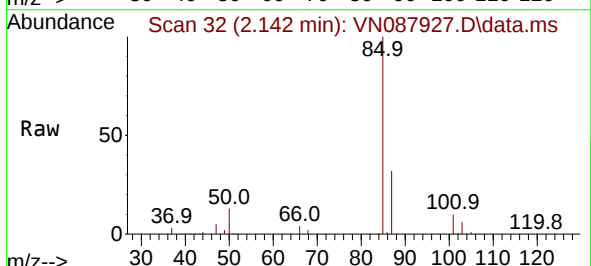
Instrument :
MSVOA_N
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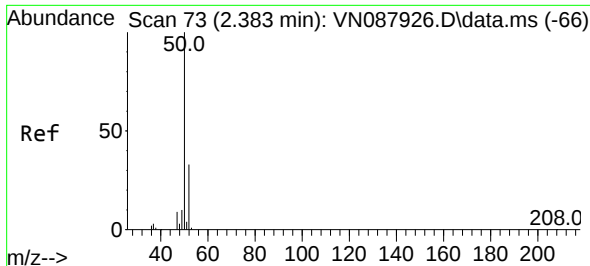
Tgt Ion:168 Resp: 250140
Ion Ratio Lower Upper
168 100
99 67.3 52.2 78.2



#2
Dichlorodifluoromethane
Concen: 87.151 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087927.D
Acq: 23 Sep 2025 10:36

Tgt Ion: 85 Resp: 252462
Ion Ratio Lower Upper
85 100
87 31.7 16.9 50.6

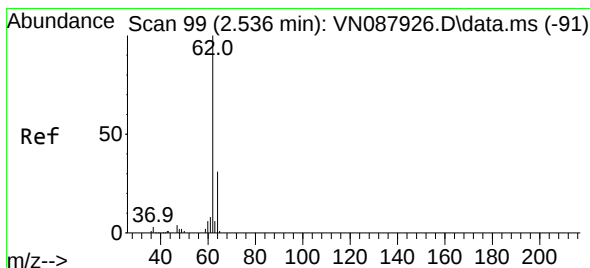
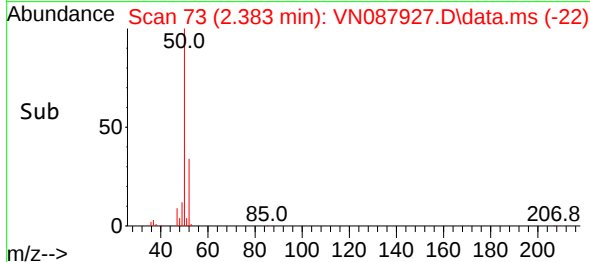
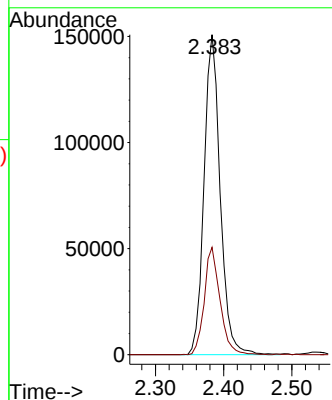
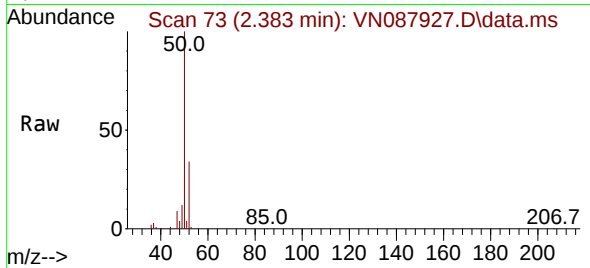




#3
Chloromethane
Concen: 83.763 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087927.D
Acq: 23 Sep 2025 10:36

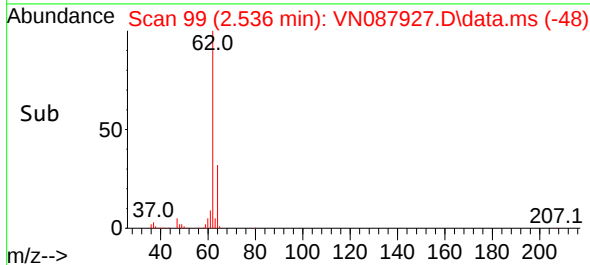
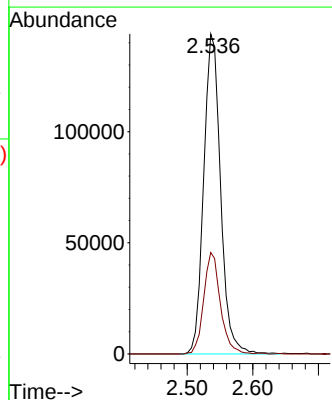
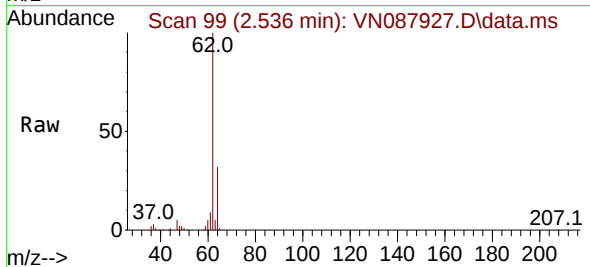
Instrument :
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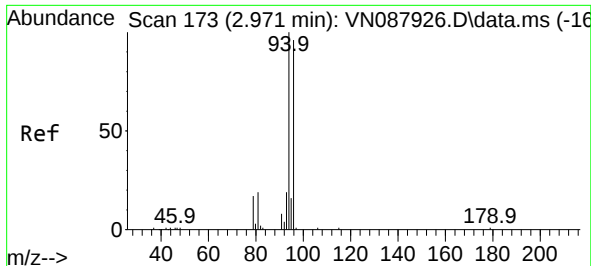
Tgt Ion: 50 Resp: 248449
Ion Ratio Lower Upper
50 100
52 33.5 26.6 40.0



#4
Vinyl Chloride
Concen: 85.285 ug/l
RT: 2.536 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN087927.D
Acq: 23 Sep 2025 10:36

Tgt Ion: 62 Resp: 258079
Ion Ratio Lower Upper
62 100
64 31.7 25.2 37.8

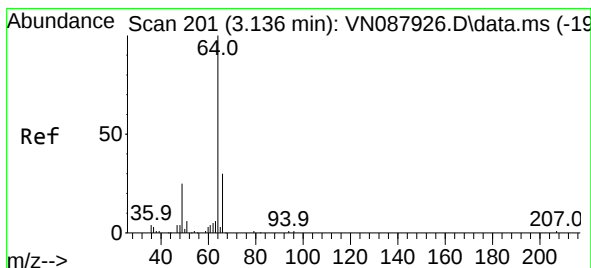
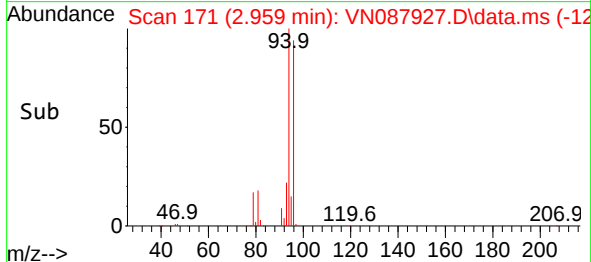
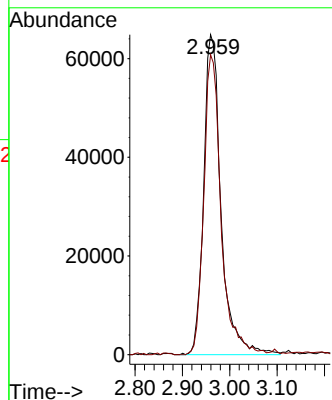
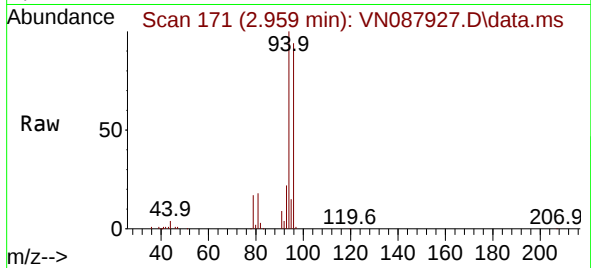




#5
Bromomethane
Concen: 88.215 ug/l
RT: 2.959 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN087927.D
Acq: 23 Sep 2025 10:36

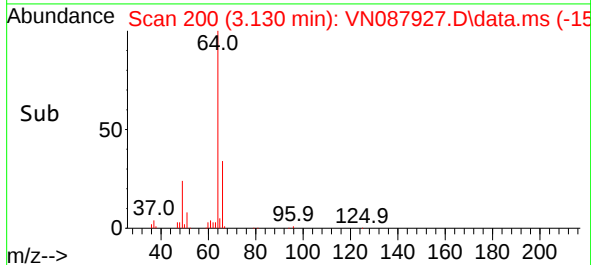
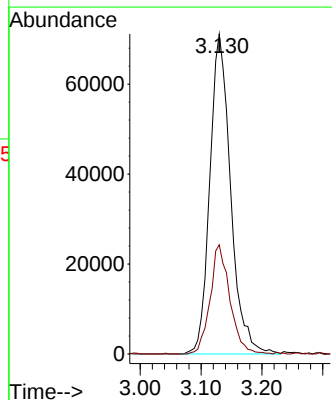
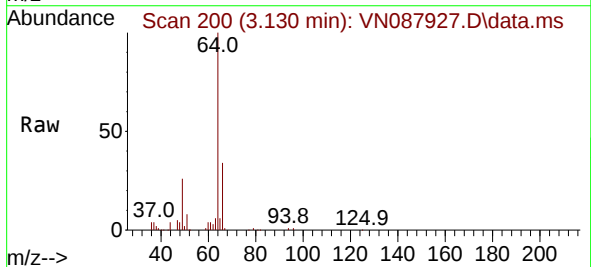
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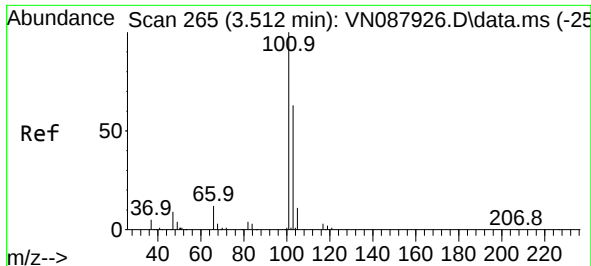
Tgt Ion: 94 Resp: 165493
Ion Ratio Lower Upper
94 100
96 93.7 76.8 115.2



#6
Chloroethane
Concen: 85.680 ug/l
RT: 3.130 min Scan# 200
Delta R.T. -0.006 min
Lab File: VN087927.D
Acq: 23 Sep 2025 10:36

Tgt Ion: 64 Resp: 168581
Ion Ratio Lower Upper
64 100
66 34.1 23.8 35.8

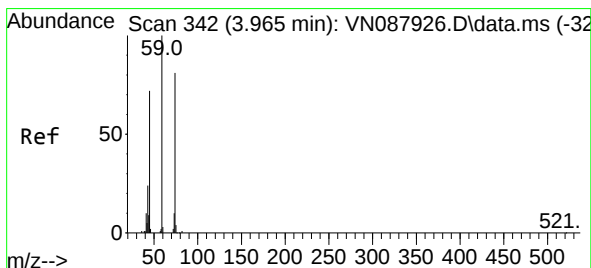
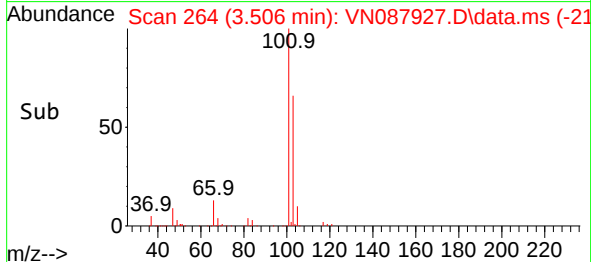
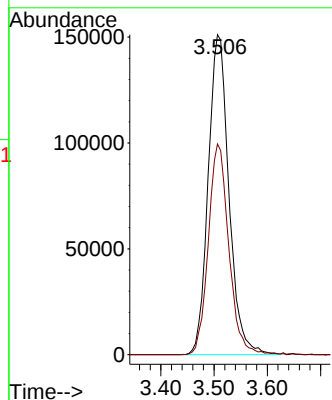
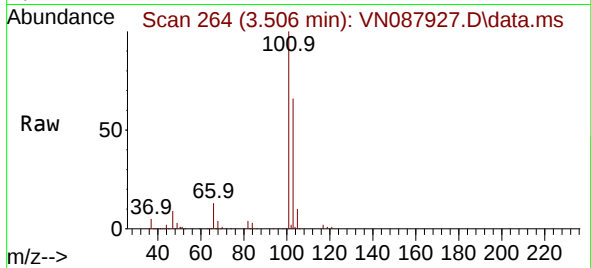




#7
 Trichlorofluoromethane
 Concen: 82.895 ug/l
 RT: 3.506 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN087927.D
 Acq: 23 Sep 2025 10:36

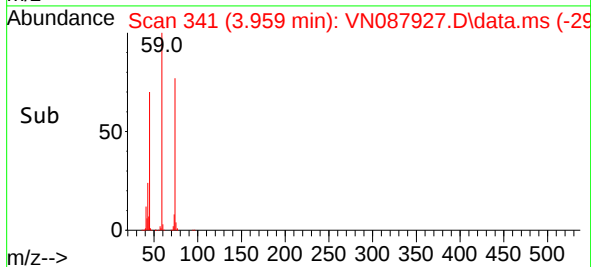
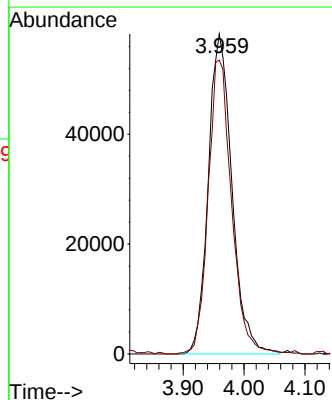
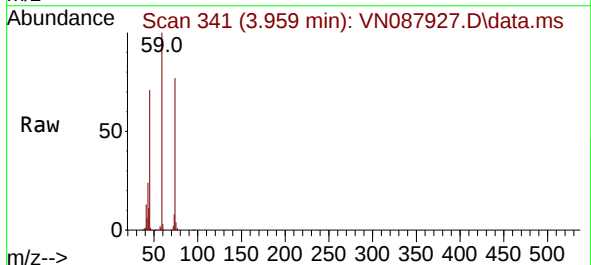
Instrument :
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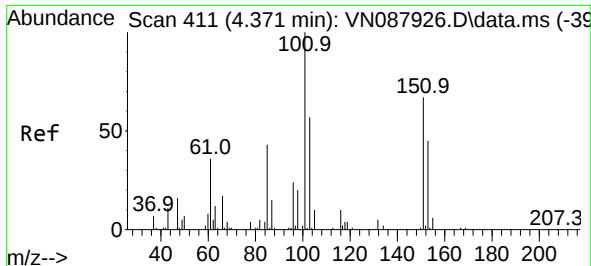
Tgt Ion:101 Resp: 408423
 Ion Ratio Lower Upper
 101 100
 103 65.9 50.2 75.4



#8
 Diethyl Ether
 Concen: 84.639 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN087927.D
 Acq: 23 Sep 2025 10:36

Tgt Ion: 74 Resp: 157544
 Ion Ratio Lower Upper
 74 100
 45 90.6 45.4 136.1

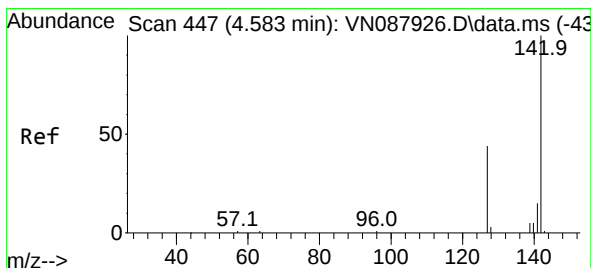
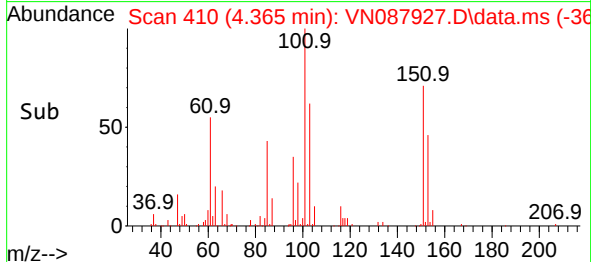
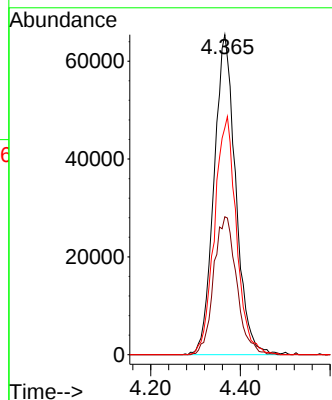
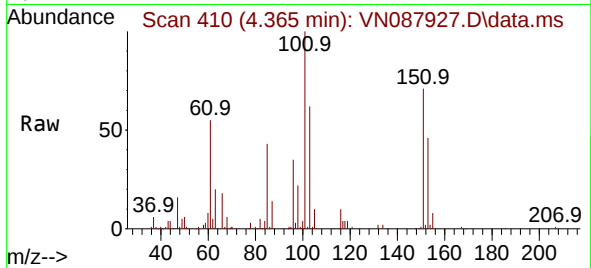




#9
1,1,2-Trichlorotrifluoroethane
Concen: 84.412 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN087927.D
Acq: 23 Sep 2025 10:36

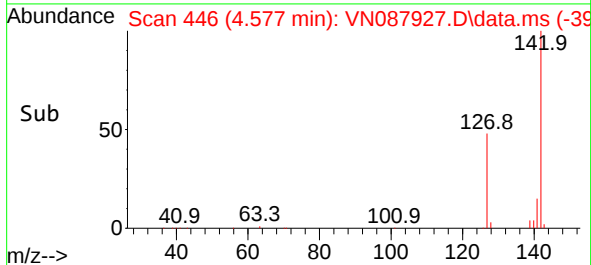
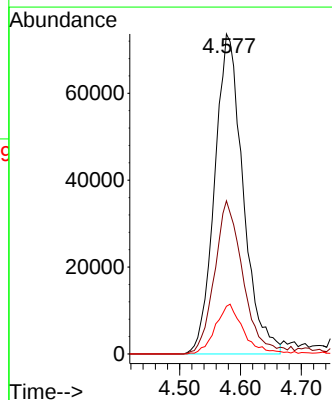
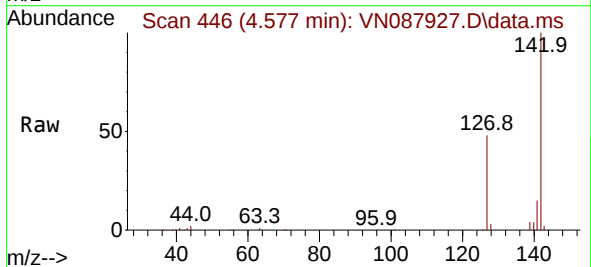
Instrument :
MSVOA_N
ClientSampleId :

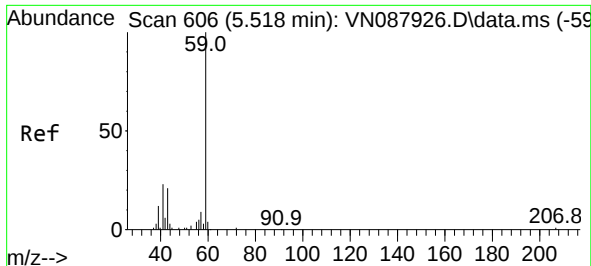
Tgt Ion:101 Resp: 219815
Ion Ratio Lower Upper
101 100
85 45.5 36.5 54.7
151 75.3 58.6 87.8



#10
Methyl Iodide
Concen: 101.965 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.006 min
Lab File: VN087927.D
Acq: 23 Sep 2025 10:36

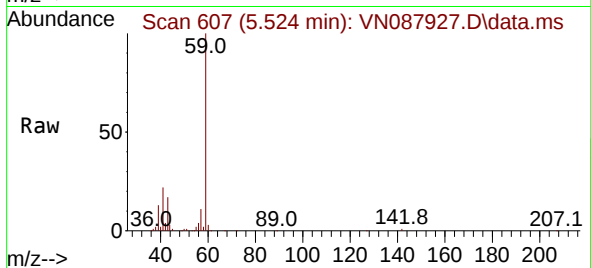
Tgt Ion:142 Resp: 238972
Ion Ratio Lower Upper
142 100
127 47.8 35.3 52.9
141 14.9 11.8 17.8



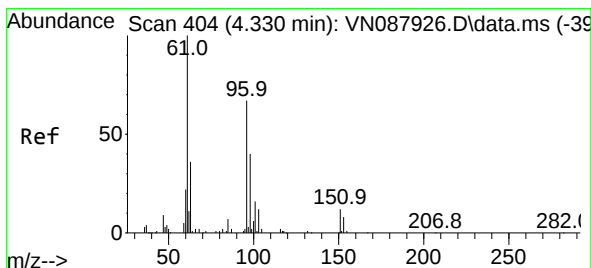
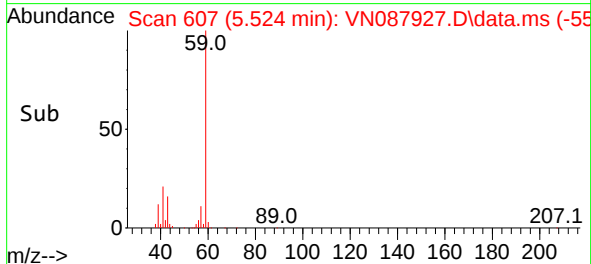
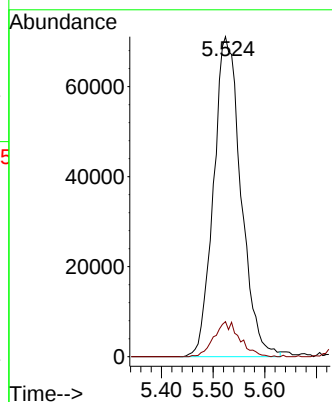


#11
Tert butyl alcohol
Concen: 431.343 ug/l
RT: 5.524 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN087927.D
Acq: 23 Sep 2025 10:36

Instrument :
MSVOA_N
ClientSampleId :

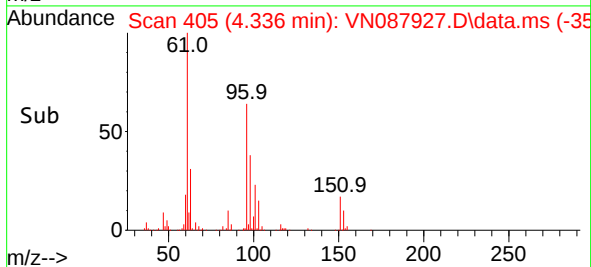
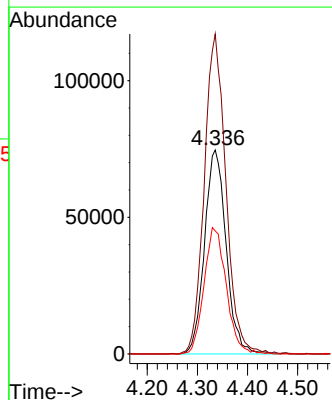
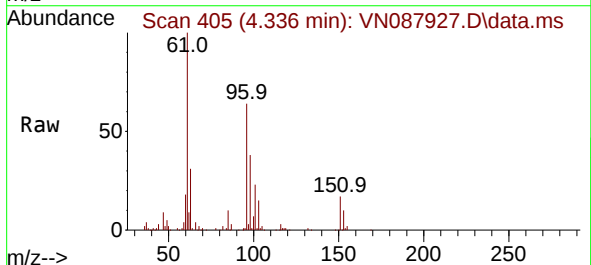


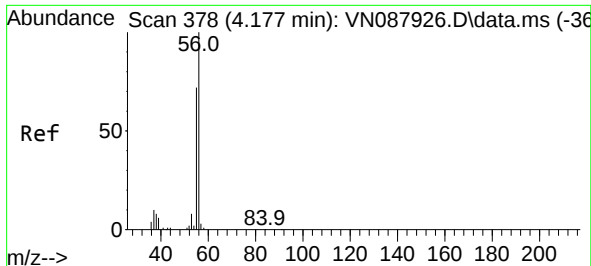
Tgt Ion: 59 Resp: 261539
Ion Ratio Lower Upper
59 100
57 10.3 8.8 13.2



#12
1,1-Dichloroethene
Concen: 85.270 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.006 min
Lab File: VN087927.D
Acq: 23 Sep 2025 10:36

Tgt Ion: 96 Resp: 224049
Ion Ratio Lower Upper
96 100
61 156.6 119.2 178.8
98 60.3 47.5 71.3





#13

Acrolein

Concen: 532.076 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN087927.D

Acq: 23 Sep 2025 10:36

Instrument :

MSVOA_N

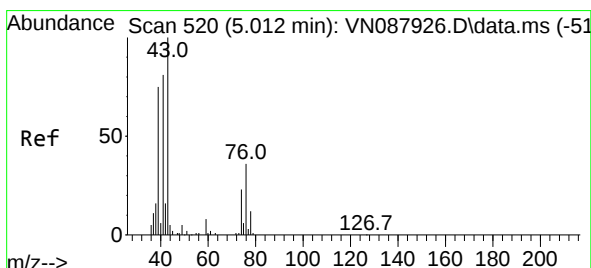
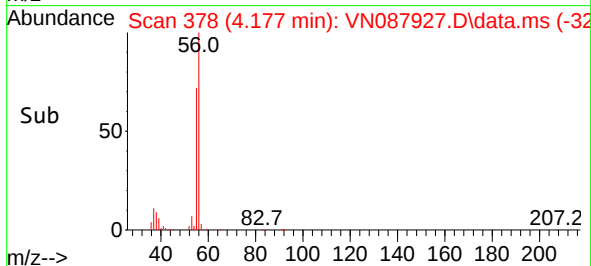
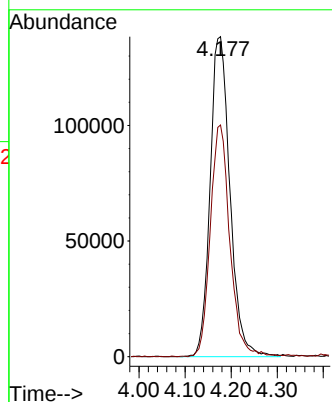
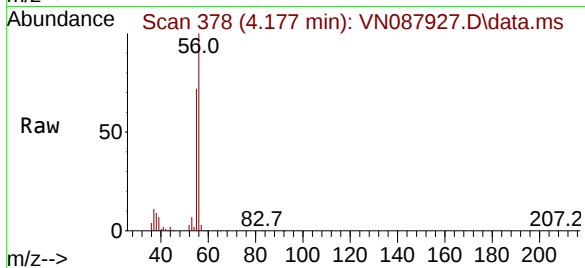
ClientSampleId :

Tgt Ion: 56 Resp: 413952

Ion Ratio Lower Upper

56 100

55 71.5 59.3 88.9



#14

Allyl chloride

Concen: 87.735 ug/l

RT: 5.012 min Scan# 520

Delta R.T. 0.000 min

Lab File: VN087927.D

Acq: 23 Sep 2025 10:36

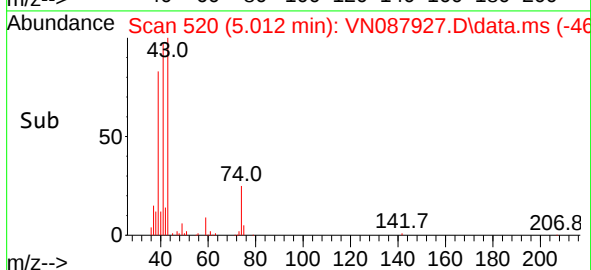
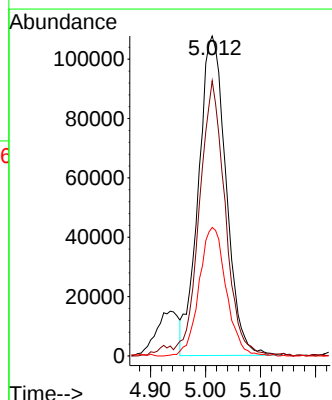
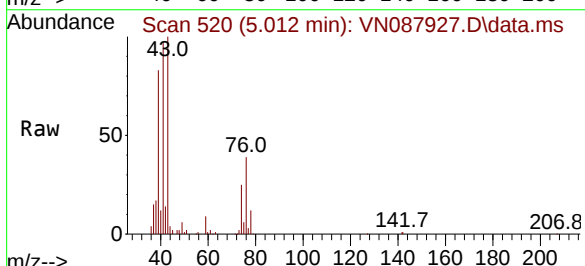
Tgt Ion: 41 Resp: 375296

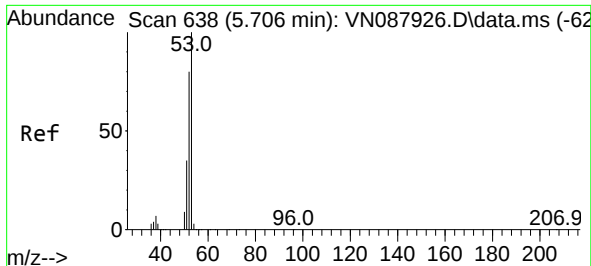
Ion Ratio Lower Upper

41 100

39 79.3 63.8 95.8

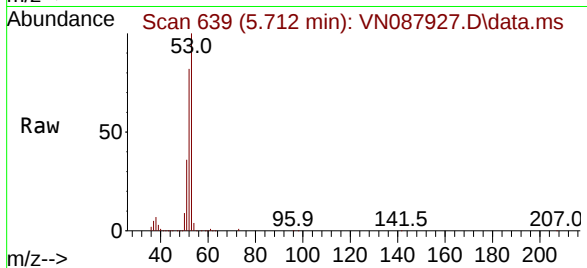
76 39.6 33.0 49.6





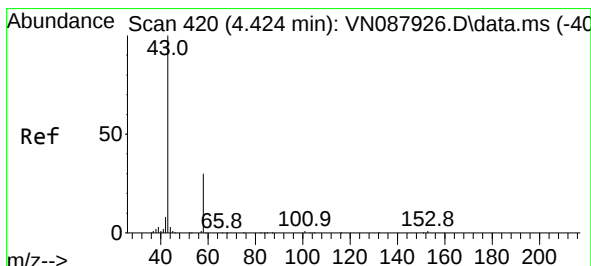
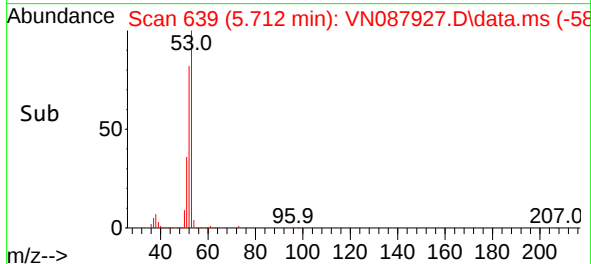
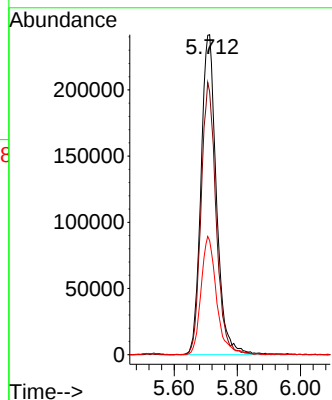
#15
Acrylonitrile
Concen: 431.586 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087927.D
Acq: 23 Sep 2025 10:36

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 53 Resp: 820847

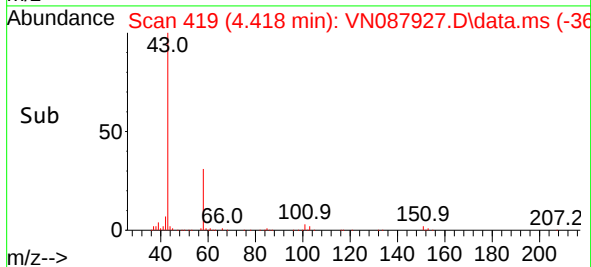
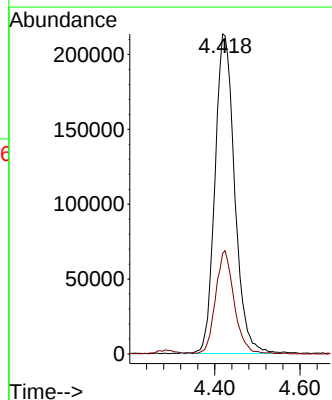
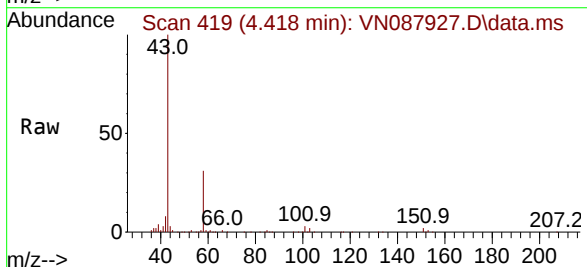
Ion	Ratio	Lower	Upper
53	100		
52	82.5	66.6	99.8
51	37.2	29.0	43.4

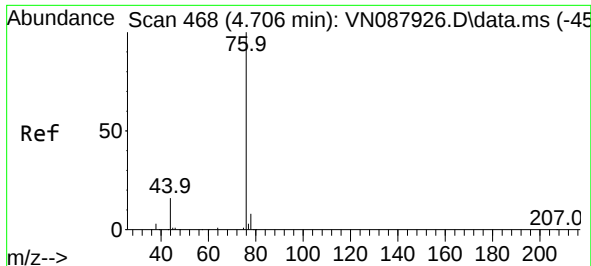


#16
Acetone
Concen: 393.064 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN087927.D
Acq: 23 Sep 2025 10:36

Tgt Ion: 43 Resp: 684989

Ion	Ratio	Lower	Upper
43	100		
58	31.3	24.1	36.1

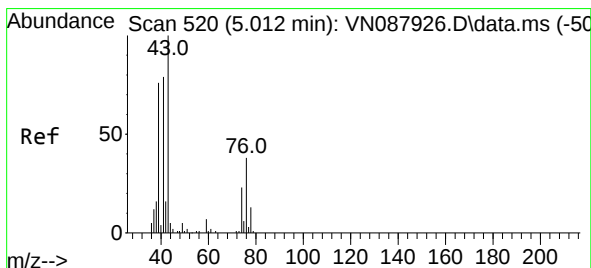
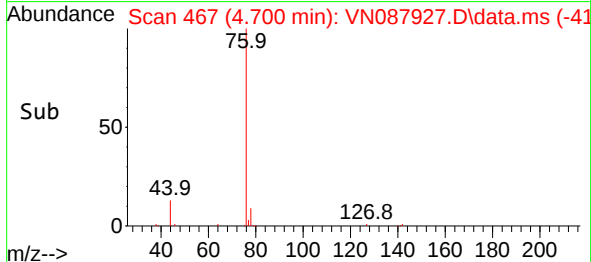
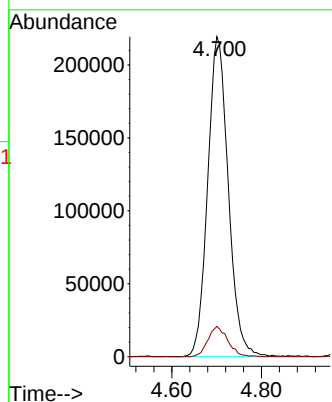
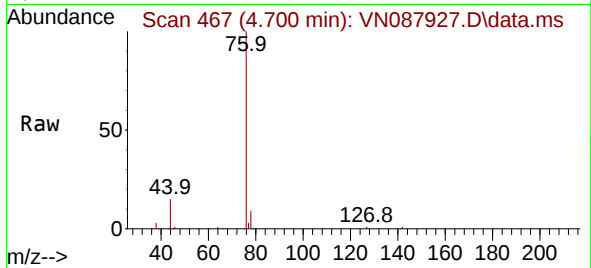




#17
Carbon Disulfide
Concen: 85.238 ug/l
RT: 4.700 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN087927.D
Acq: 23 Sep 2025 10:36

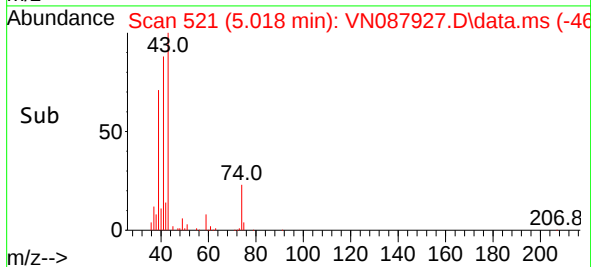
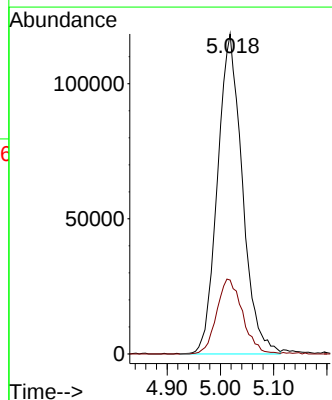
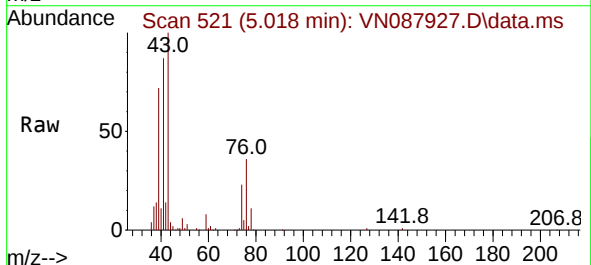
Instrument :
MSVOA_N
ClientSampleId :

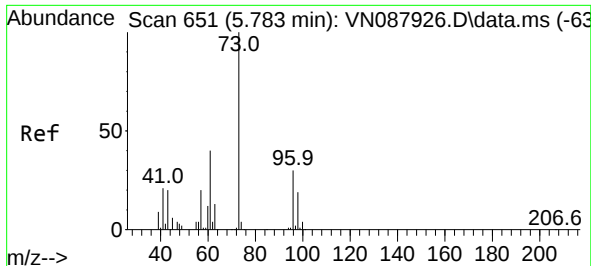
Tgt Ion: 76 Resp: 699756
Ion Ratio Lower Upper
76 100
78 9.5 6.7 10.1



#18
Methyl Acetate
Concen: 88.503 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087927.D
Acq: 23 Sep 2025 10:36

Tgt Ion: 43 Resp: 383631
Ion Ratio Lower Upper
43 100
74 24.3 19.7 29.5

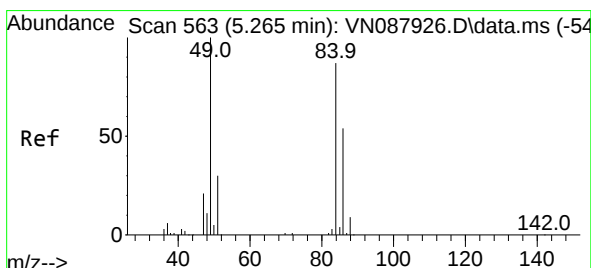
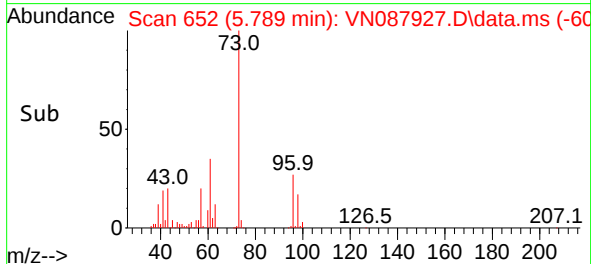
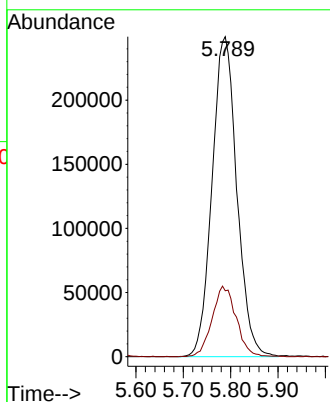
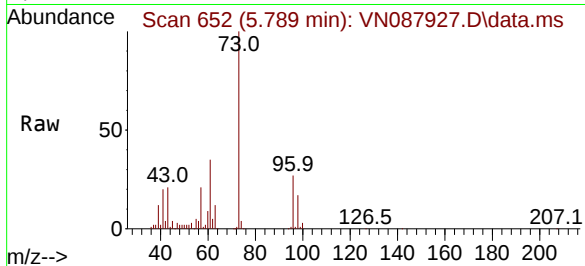




#19
Methyl tert-butyl Ether
Concen: 88.256 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087927.D
Acq: 23 Sep 2025 10:36

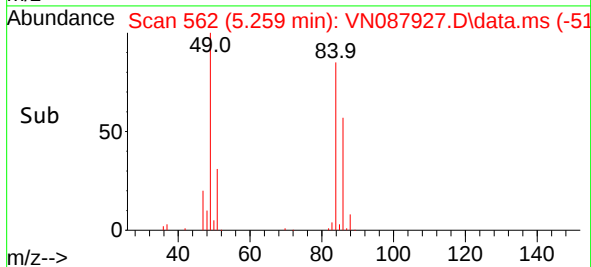
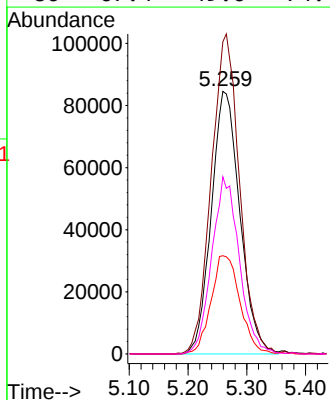
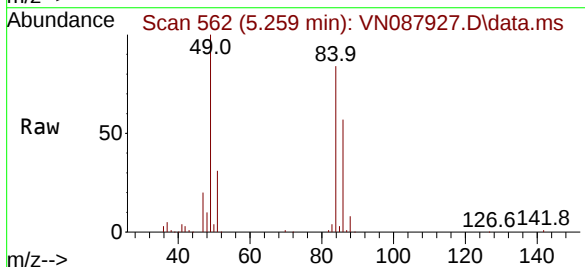
Instrument :
MSVOA_N
ClientSampleId :

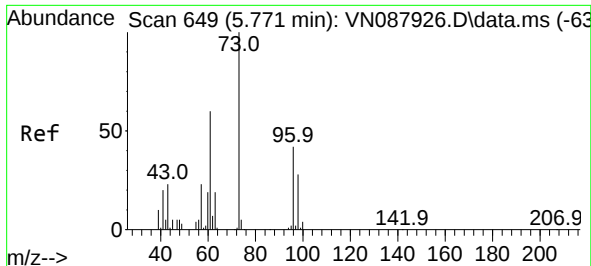
Tgt Ion: 73 Resp: 905869
Ion Ratio Lower Upper
73 100
57 20.6 16.3 24.5



#20
Methylene Chloride
Concen: 81.418 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.006 min
Lab File: VN087927.D
Acq: 23 Sep 2025 10:36

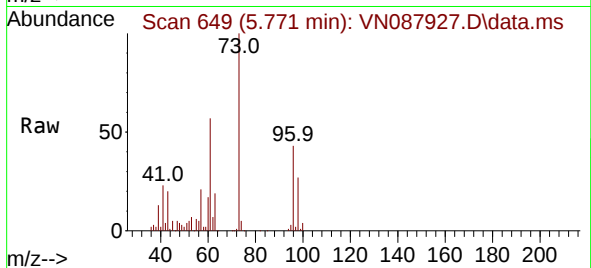
Tgt Ion: 84 Resp: 285438
Ion Ratio Lower Upper
84 100
49 118.5 92.1 138.1
51 37.4 27.7 41.5
86 67.4 49.6 74.4



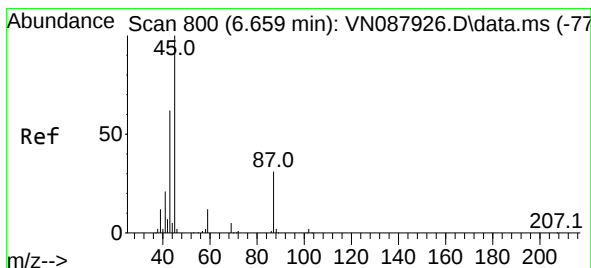
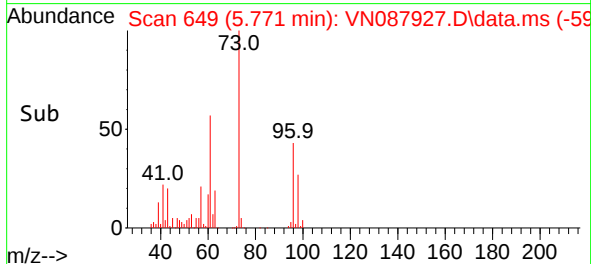
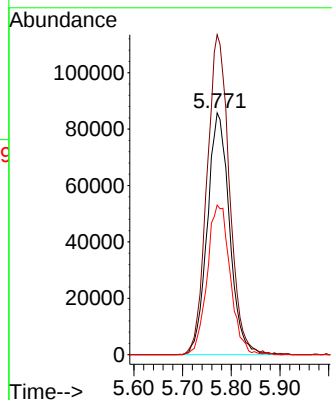


#21
trans-1,2-Dichloroethene
Concen: 84.233 ug/l
RT: 5.771 min Scan# 649
Delta R.T. 0.000 min
Lab File: VN087927.D
Acq: 23 Sep 2025 10:36

Instrument :
MSVOA_N
ClientSampleId :

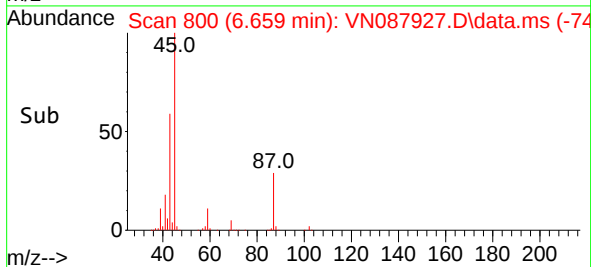
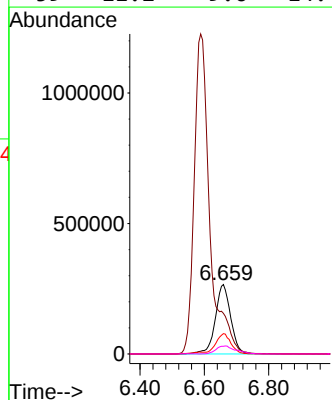
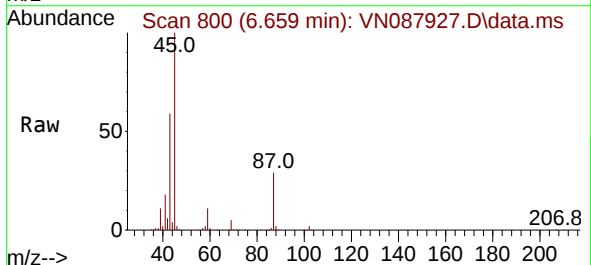


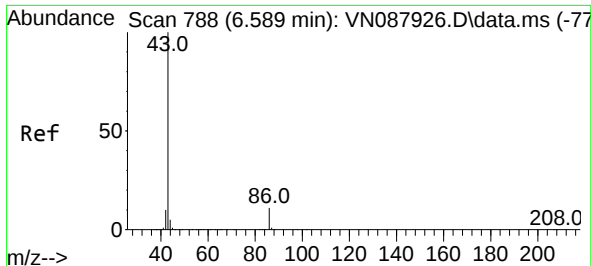
Tgt Ion: 96 Resp: 271323
Ion Ratio Lower Upper
96 100
61 132.2 114.4 171.6
98 61.9 53.6 80.4



#22
Diisopropyl ether
Concen: 88.301 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.000 min
Lab File: VN087927.D
Acq: 23 Sep 2025 10:36

Tgt Ion: 45 Resp: 881761
Ion Ratio Lower Upper
45 100
43 58.2 49.9 74.9
87 29.2 25.2 37.8
59 11.2 9.6 14.4

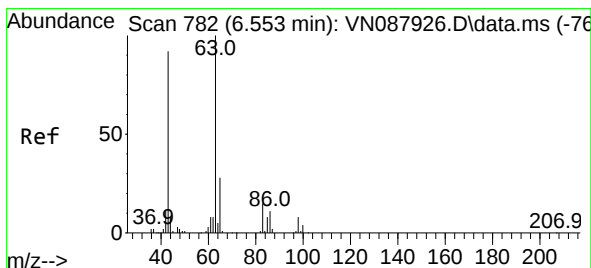
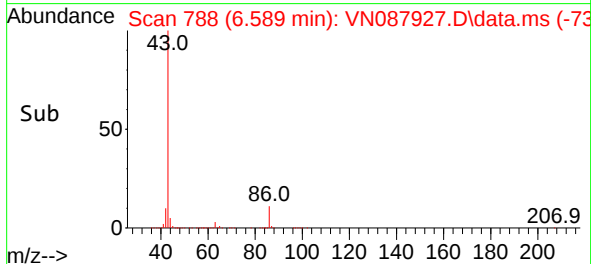
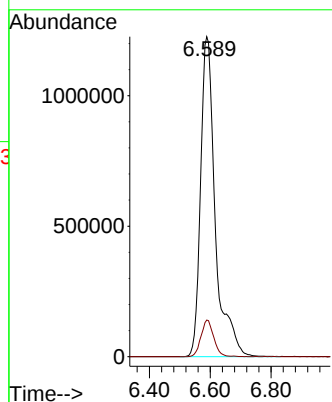
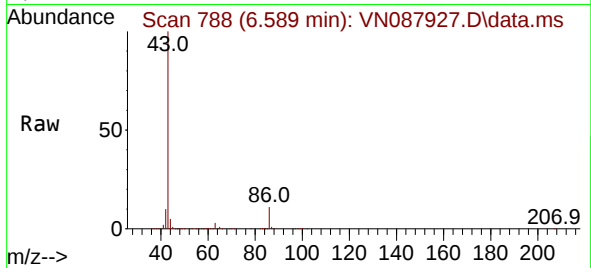




#23
 Vinyl Acetate
 Concen: 488.483 ug/l
 RT: 6.589 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VN087927.D
 Acq: 23 Sep 2025 10:36

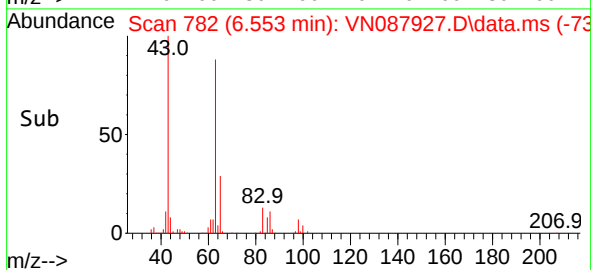
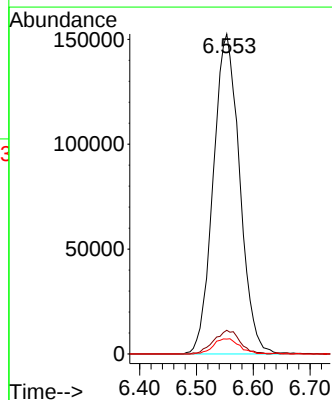
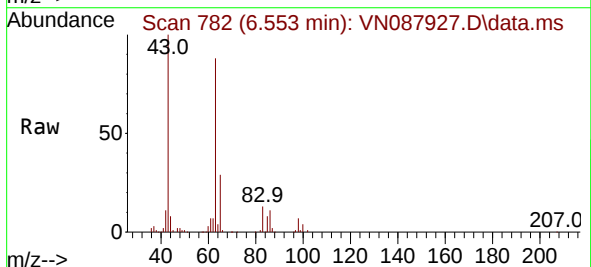
Instrument :
 MSVOA_N
 ClientSampleId :

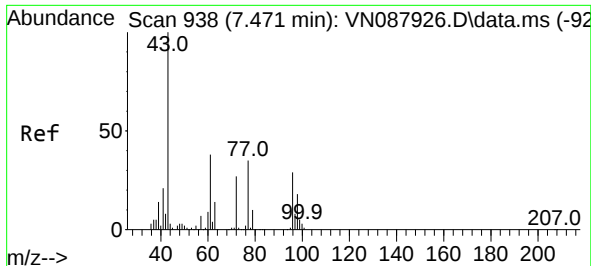
Tgt Ion: 43 Resp: 4107130
 Ion Ratio Lower Upper
 43 100
 86 11.4 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 84.392 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.000 min
 Lab File: VN087927.D
 Acq: 23 Sep 2025 10:36

Tgt Ion: 63 Resp: 492345
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.9 11.5
 100 4.7 2.1 6.5

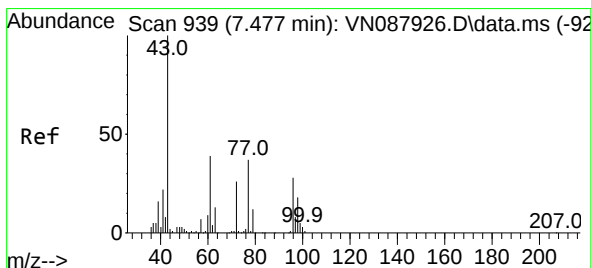
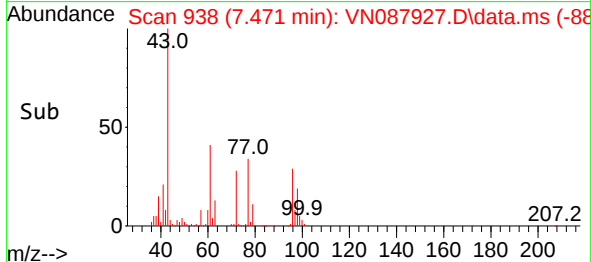
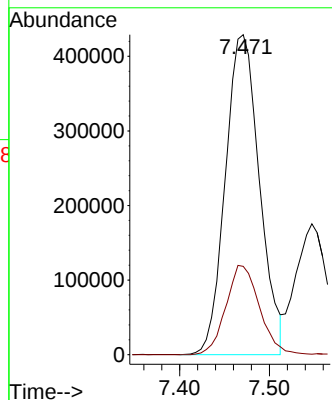
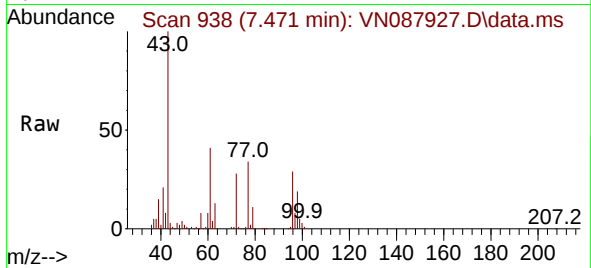




#25
2-Butanone
Concen: 428.271 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087927.D
Acq: 23 Sep 2025 10:36

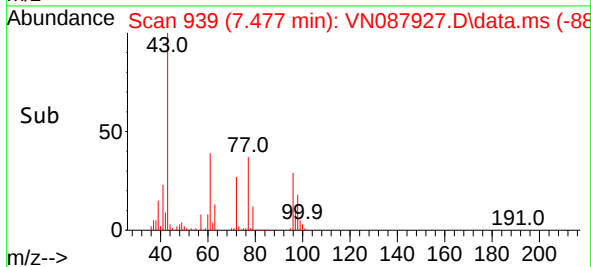
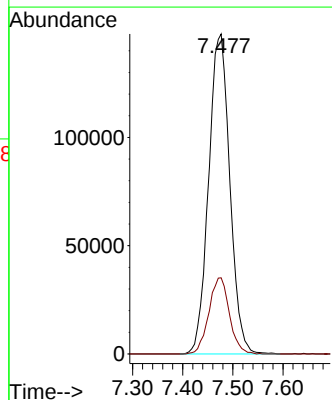
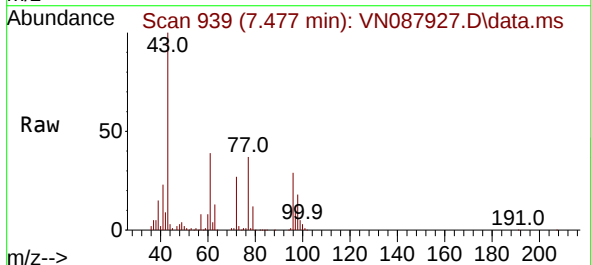
Instrument :
MSVOA_N
ClientSampleId :

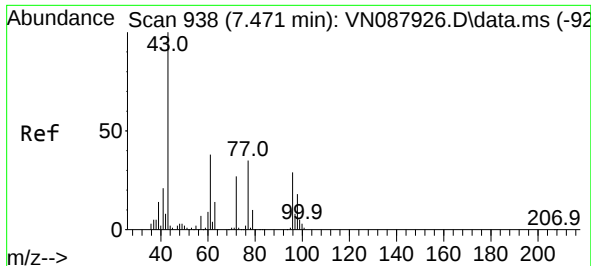
Tgt Ion: 43 Resp: 1133783
Ion Ratio Lower Upper
43 100
72 27.6 21.5 32.3



#26
2,2-Dichloropropane
Concen: 83.795 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.000 min
Lab File: VN087927.D
Acq: 23 Sep 2025 10:36

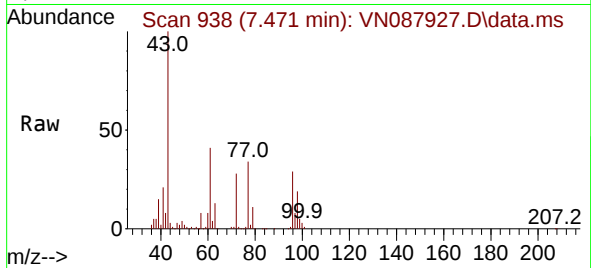
Tgt Ion: 77 Resp: 434345
Ion Ratio Lower Upper
77 100
97 23.1 11.5 34.5



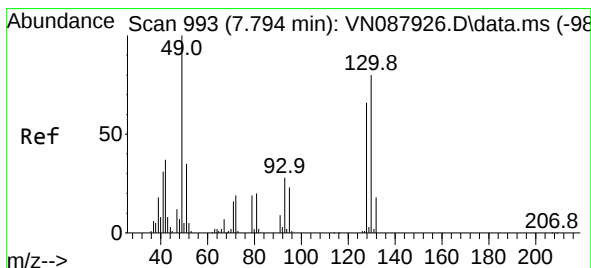
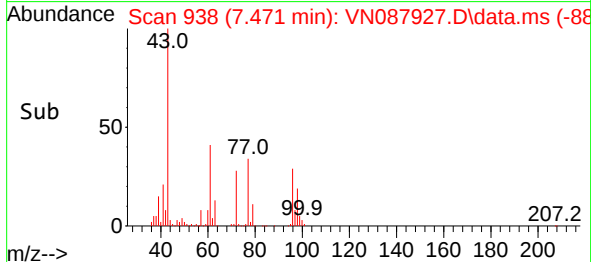
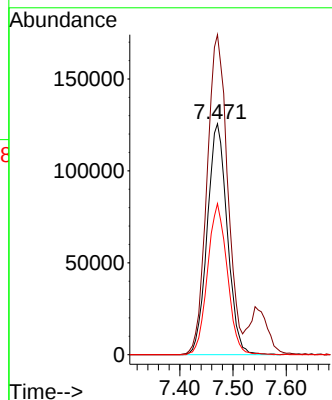


#27
 cis-1,2-Dichloroethene
 Concen: 85.571 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN087927.D
 Acq: 23 Sep 2025 10:36

Instrument :
 MSVOA_N
 ClientSampleId :

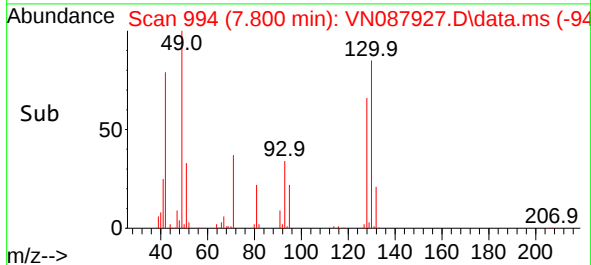
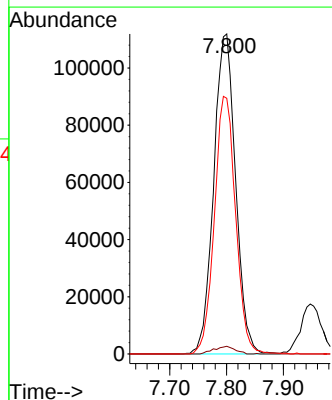
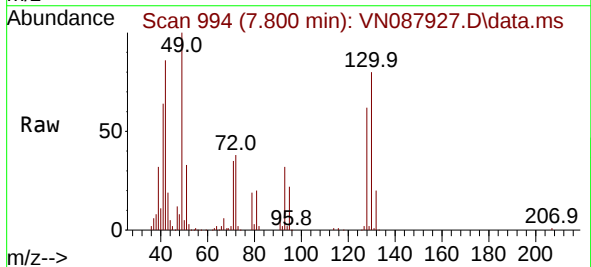


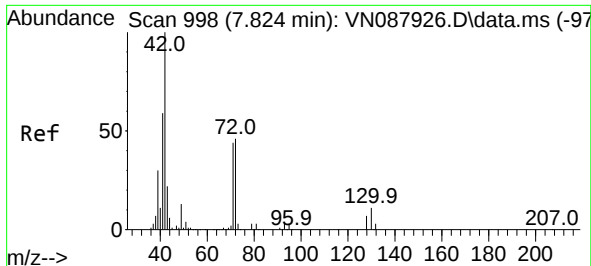
Tgt Ion: 96 Resp: 327964
 Ion Ratio Lower Upper
 96 100
 61 142.2 0.0 283.0
 98 64.4 0.0 127.6



#28
 Bromochloromethane
 Concen: 94.438 ug/l
 RT: 7.800 min Scan# 994
 Delta R.T. 0.006 min
 Lab File: VN087927.D
 Acq: 23 Sep 2025 10:36

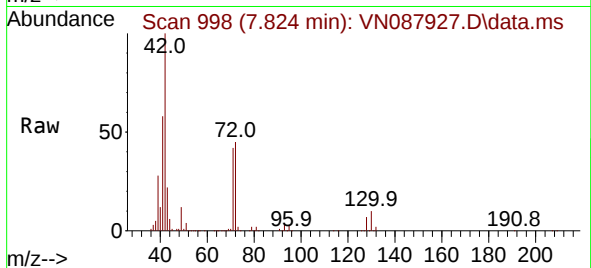
Tgt Ion: 49 Resp: 299346
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 5.4
 130 78.1 62.6 94.0



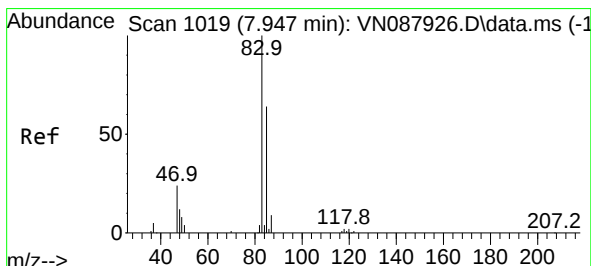
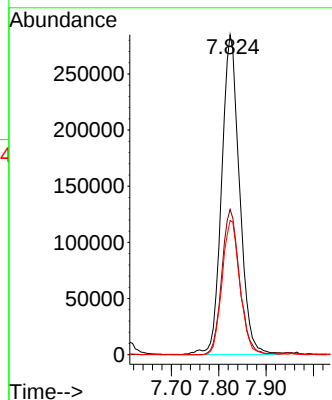
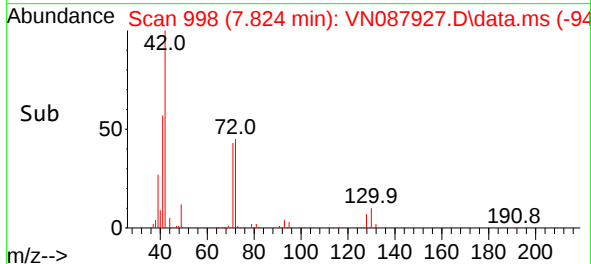


#29
Tetrahydrofuran
Concen: 439.646 ug/l
RT: 7.824 min Scan# 998
Delta R.T. 0.000 min
Lab File: VN087927.D
Acq: 23 Sep 2025 10:36

Instrument :
MSVOA_N
ClientSampleId :

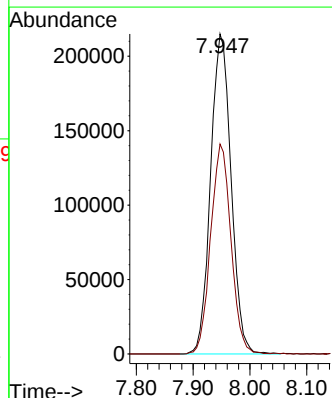
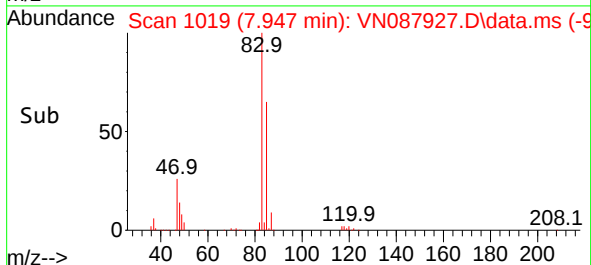
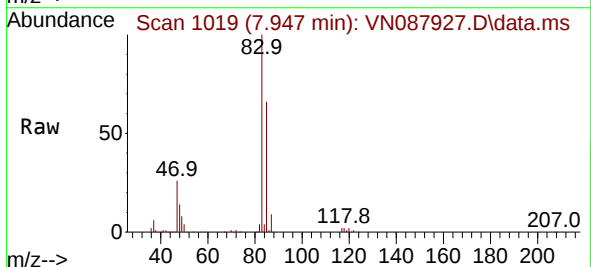


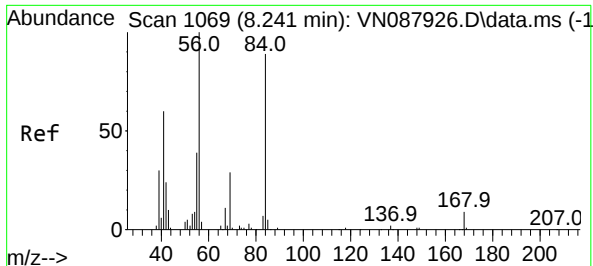
Tgt Ion: 42 Resp: 745260
Ion Ratio Lower Upper
42 100
72 45.1 36.5 54.7
71 42.0 33.8 50.8



#30
Chloroform
Concen: 84.299 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VN087927.D
Acq: 23 Sep 2025 10:36

Tgt Ion: 83 Resp: 537746
Ion Ratio Lower Upper
83 100
85 65.6 50.9 76.3

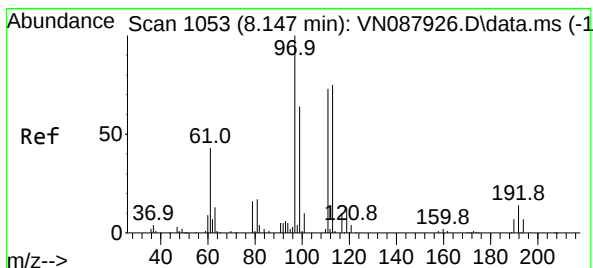
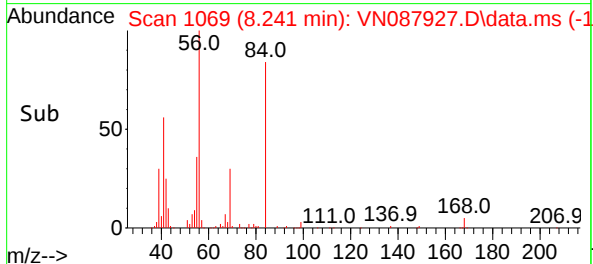
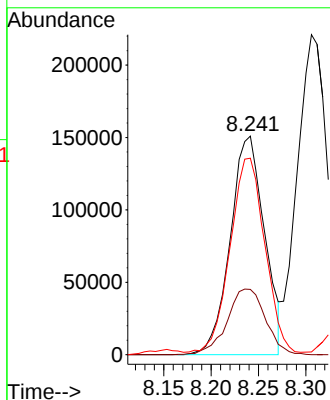
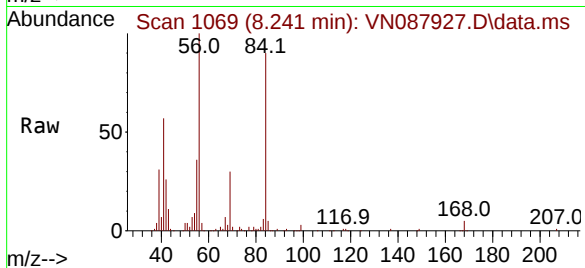




#31
Cyclohexane
Concen: 80.366 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN087927.D
Acq: 23 Sep 2025 10:36

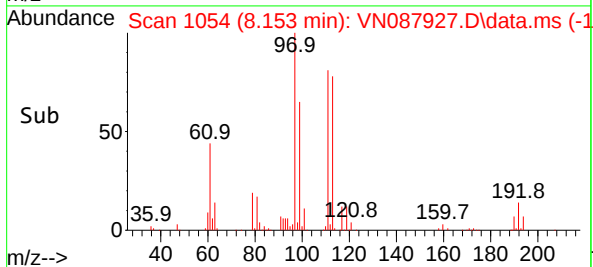
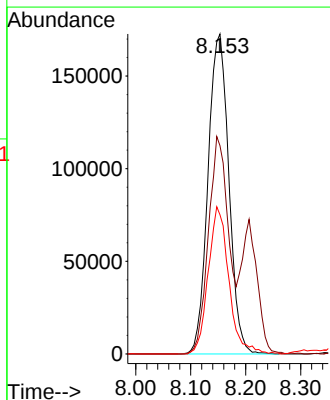
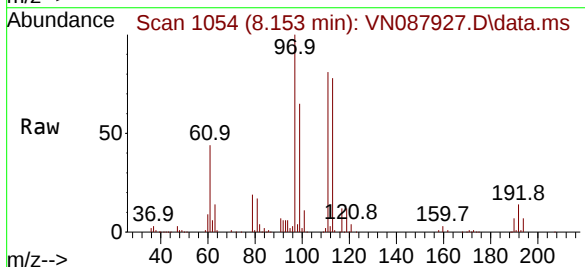
Instrument :
MSVOA_N
ClientSampleId :

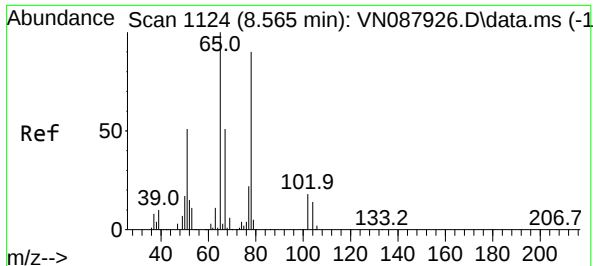
Tgt Ion: 56 Resp: 379372
Ion Ratio Lower Upper
56 100
69 29.7 23.4 35.0
84 88.2 70.8 106.2



#32
1,1,1-Trichloroethane
Concen: 84.305 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN087927.D
Acq: 23 Sep 2025 10:36

Tgt Ion: 97 Resp: 454412
Ion Ratio Lower Upper
97 100
99 65.9 51.1 76.7
61 45.6 38.6 58.0





#33

1,2-Dichloroethane-d4

Concen: 107.068 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.006 min

Lab File: VN087927.D

Acq: 23 Sep 2025 10:36

Instrument :

MSVOA_N

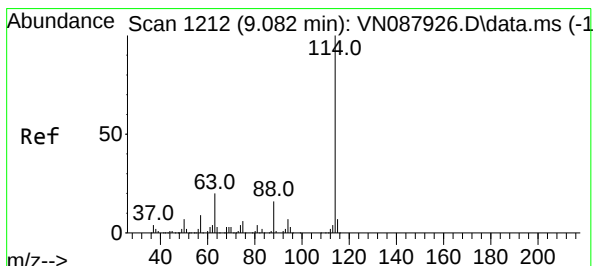
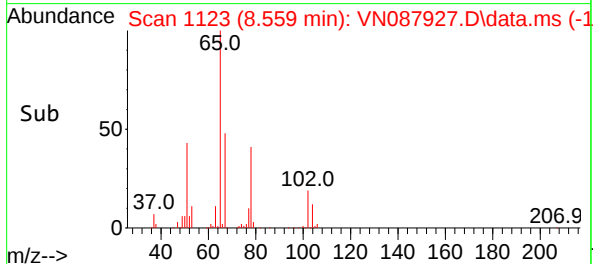
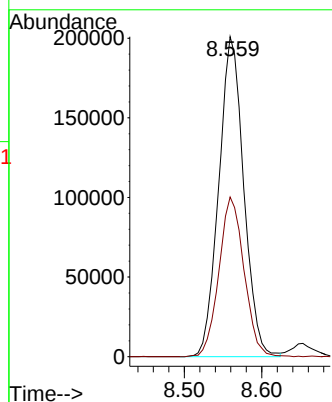
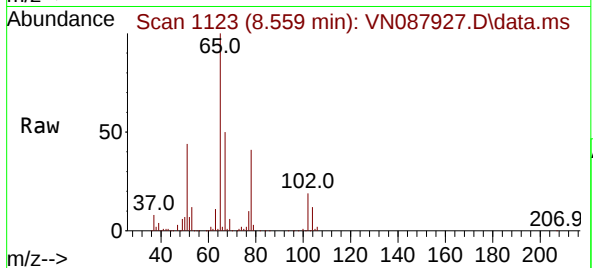
ClientSampleId :

Tgt Ion: 65 Resp: 450719

Ion Ratio Lower Upper

65 100

67 50.1 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: VN087927.D

Acq: 23 Sep 2025 10:36

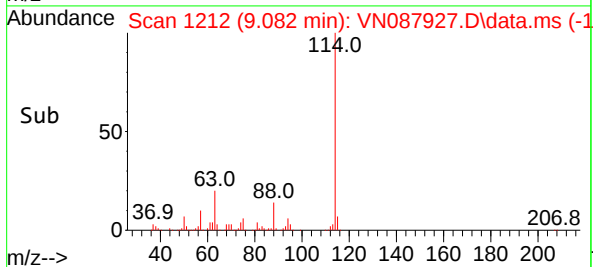
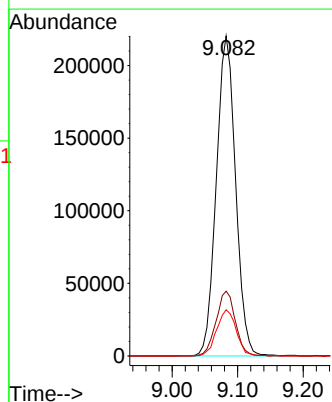
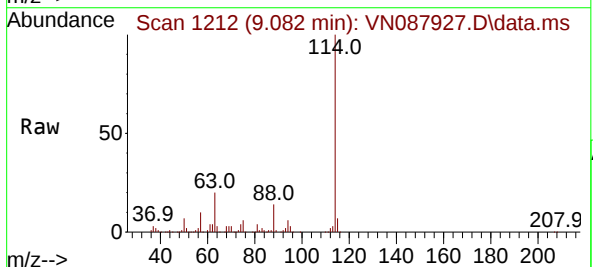
Tgt Ion:114 Resp: 448432

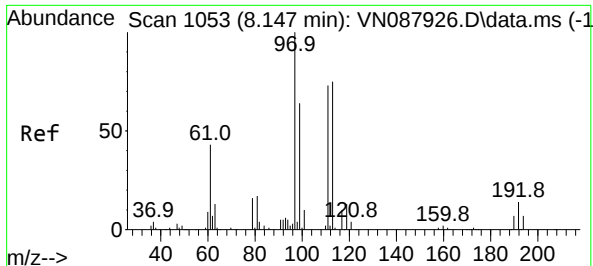
Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.0

88 14.4 0.0 31.8





#35

Dibromofluoromethane

Concen: 106.100 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VN087927.D

Acq: 23 Sep 2025 10:36

Instrument :

MSVOA_N

ClientSampleId :

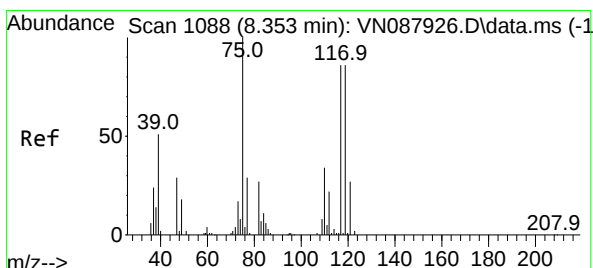
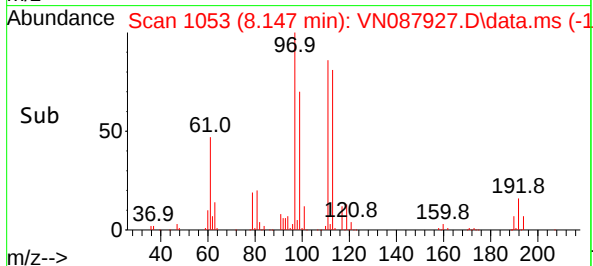
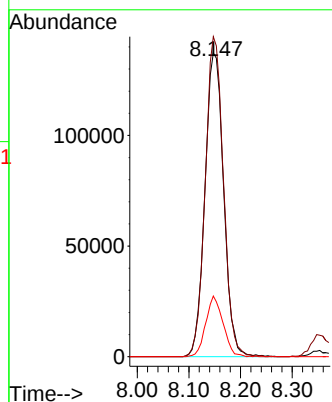
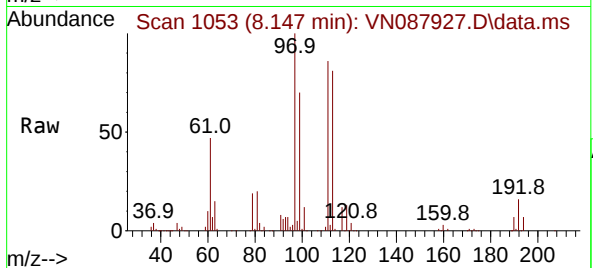
Tgt Ion:113 Resp: 345448

Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.2

192 18.5 14.2 21.2



#36

1,1-Dichloropropene

Concen: 89.421 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VN087927.D

Acq: 23 Sep 2025 10:36

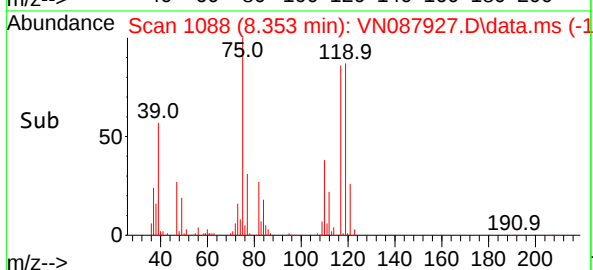
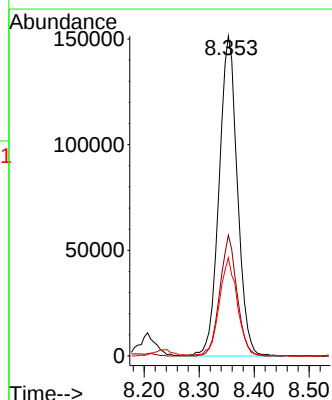
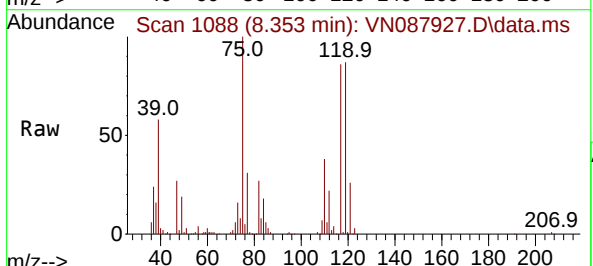
Tgt Ion: 75 Resp: 350081

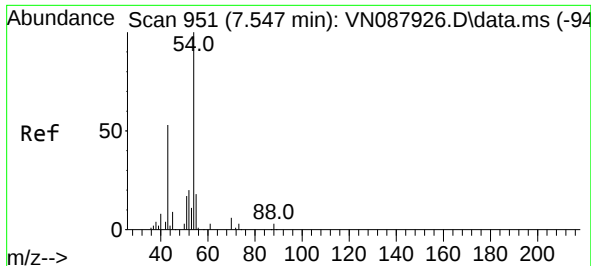
Ion Ratio Lower Upper

75 100

110 35.3 17.1 51.3

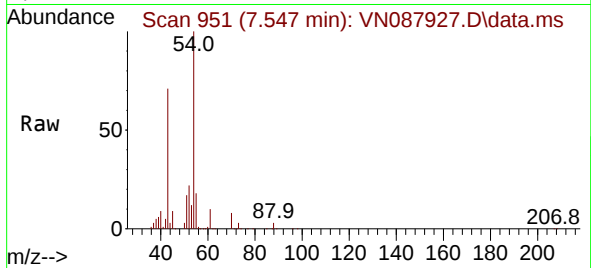
77 30.3 24.8 37.2



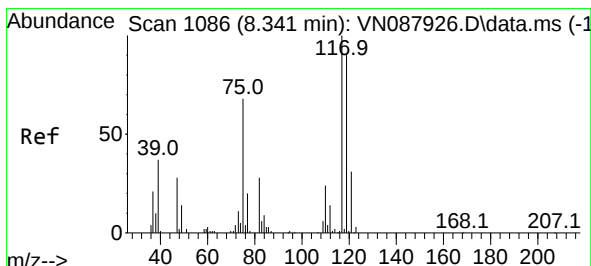
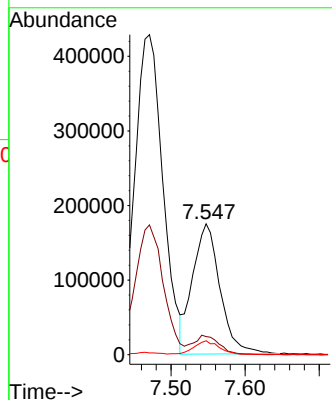
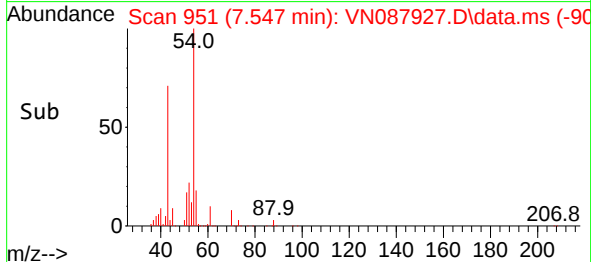


#37
Ethyl Acetate
Concen: 87.805 ug/l
RT: 7.547 min Scan# 951
Delta R.T. 0.000 min
Lab File: VN087927.D
Acq: 23 Sep 2025 10:36

Instrument :
MSVOA_N
ClientSampleId :

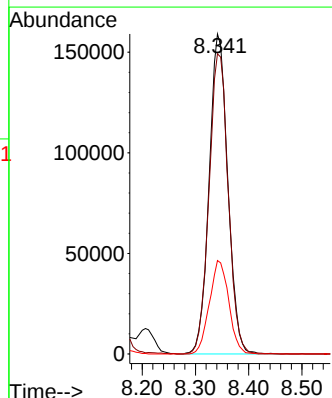
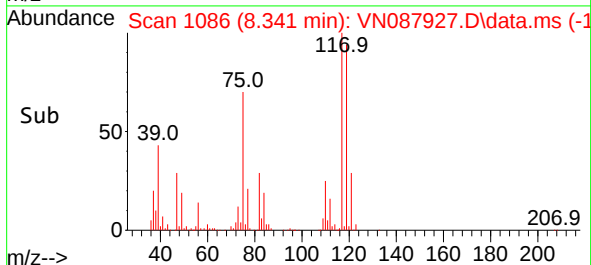
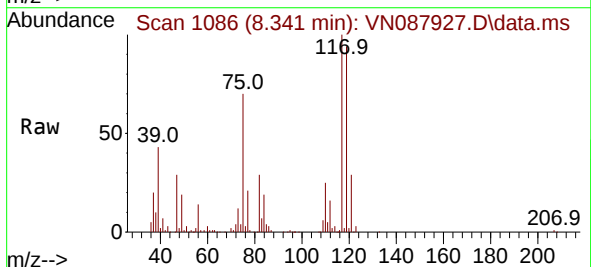


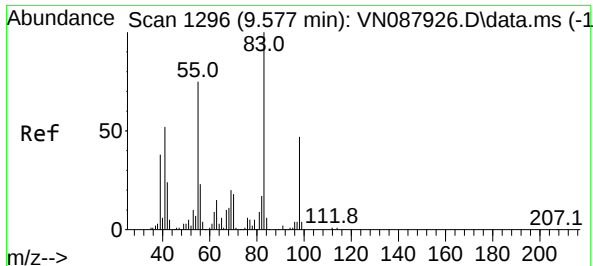
Tgt Ion: 43 Resp: 451409
Ion Ratio Lower Upper
43 100
61 13.9 10.7 16.1
70 9.8 7.8 11.8



#38
Carbon Tetrachloride
Concen: 86.213 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. 0.000 min
Lab File: VN087927.D
Acq: 23 Sep 2025 10:36

Tgt Ion: 117 Resp: 387306
Ion Ratio Lower Upper
117 100
119 93.8 72.1 108.1
121 29.2 24.6 36.8





#39

Methylcyclohexane

Concen: 90.330 ug/l

RT: 9.582 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VN087927.D

Acq: 23 Sep 2025 10:36

Instrument :

MSVOA_N

ClientSampleId :

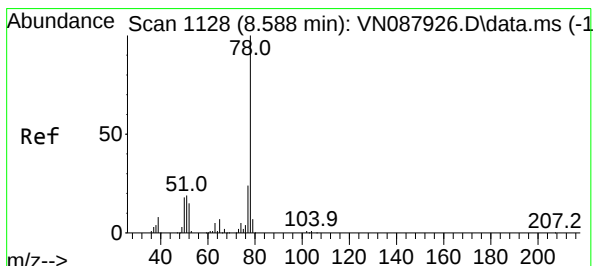
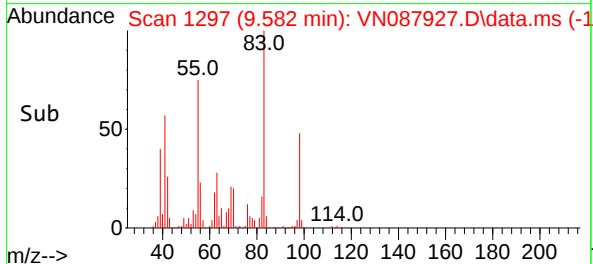
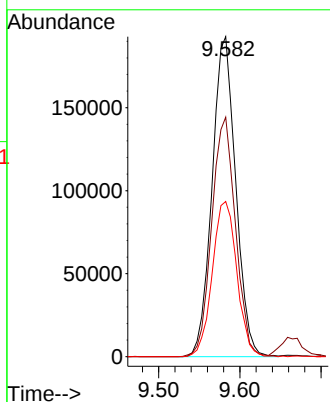
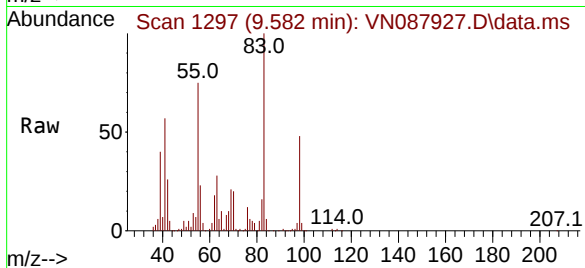
Tgt Ion: 83 Resp: 390119

Ion Ratio Lower Upper

83 100

55 74.9 59.9 89.9

98 48.5 37.4 56.2



#40

Benzene

Concen: 87.033 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VN087927.D

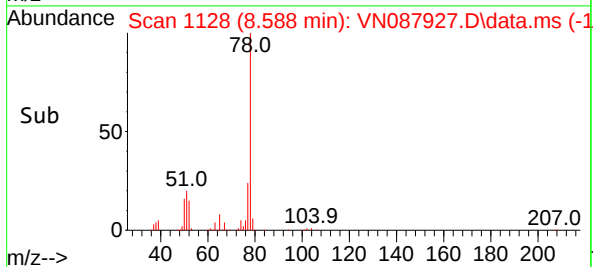
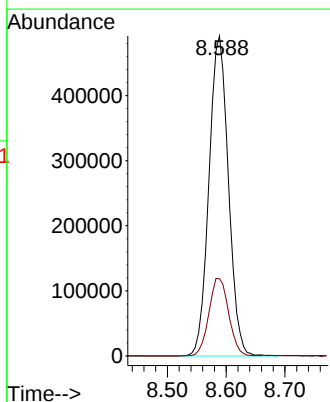
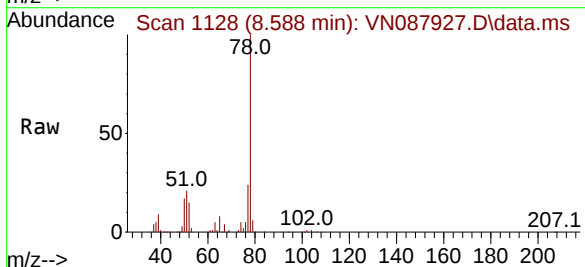
Acq: 23 Sep 2025 10:36

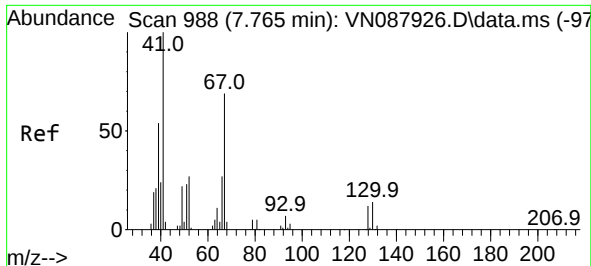
Tgt Ion: 78 Resp: 1128183

Ion Ratio Lower Upper

78 100

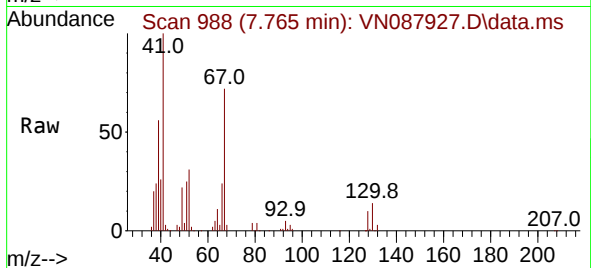
77 24.1 19.0 28.6



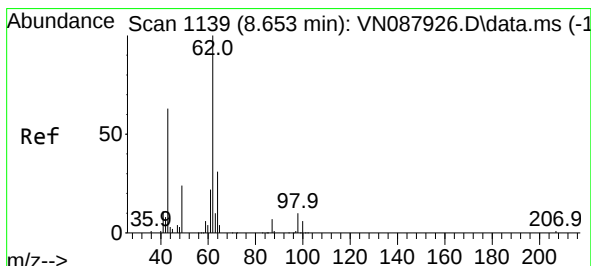
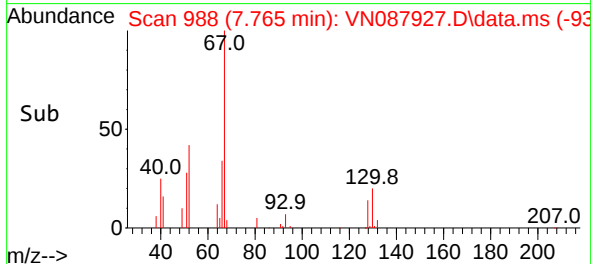
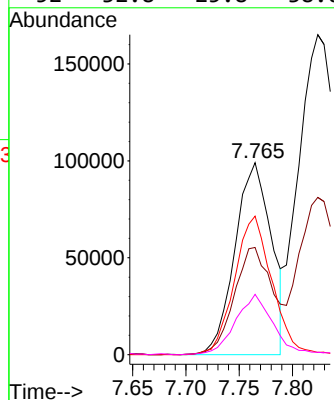


#41
Methacrylonitrile
Concen: 88.718 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087927.D
Acq: 23 Sep 2025 10:36

Instrument :
MSVOA_N
ClientSampleId :

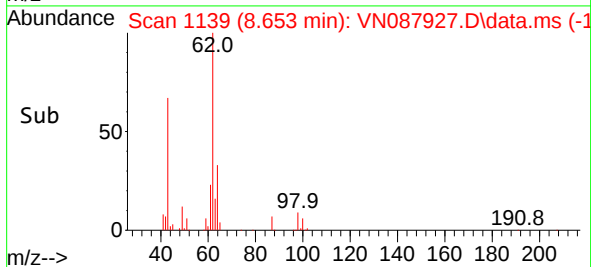
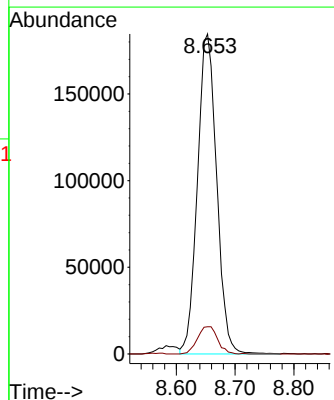
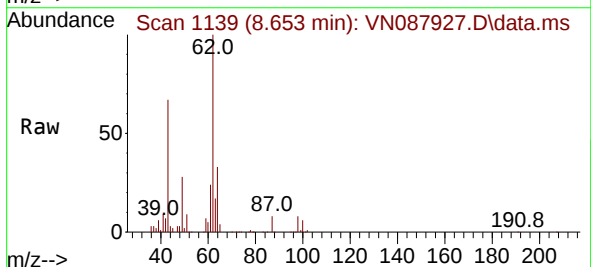


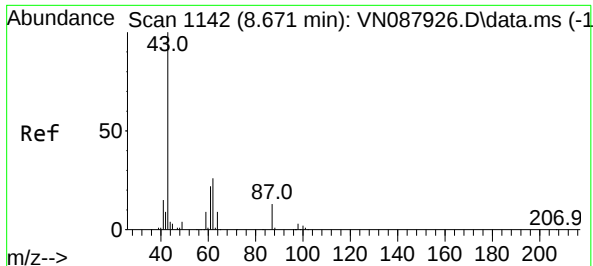
Tgt Ion:	41	Resp:	235709
Ion	Ratio	Lower	Upper
41	100		
39	61.3	43.5	65.3
67	74.4	57.6	86.4
52	32.8	25.8	38.6



#42
1,2-Dichloroethane
Concen: 86.620 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087927.D
Acq: 23 Sep 2025 10:36

Tgt Ion:	62	Resp:	419019
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.6

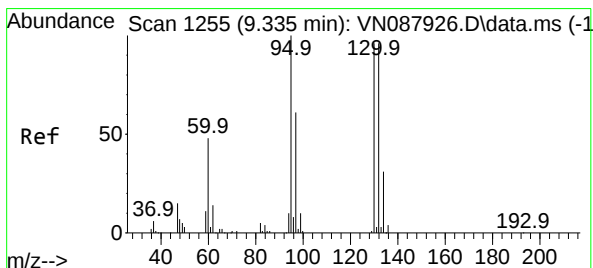
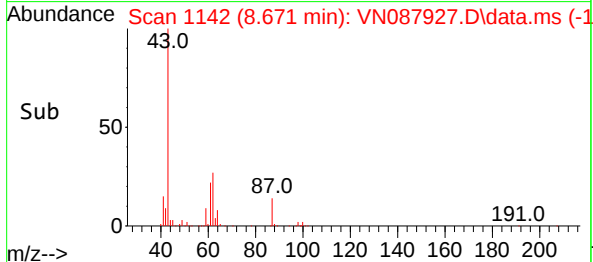
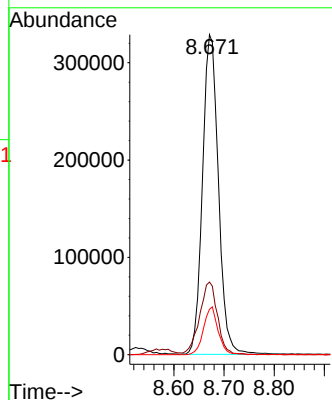
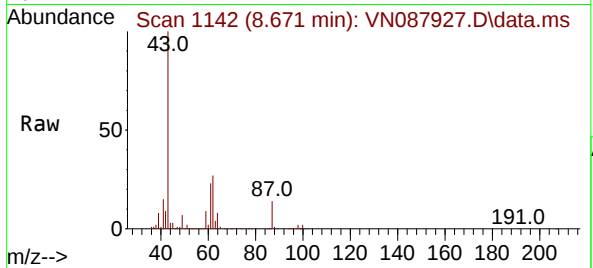




#43
Isopropyl Acetate
Concen: 89.609 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN087927.D
Acq: 23 Sep 2025 10:36

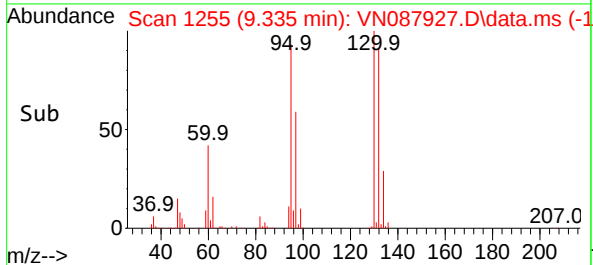
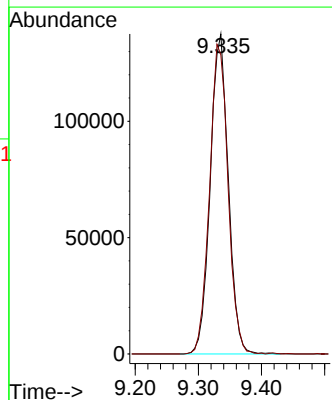
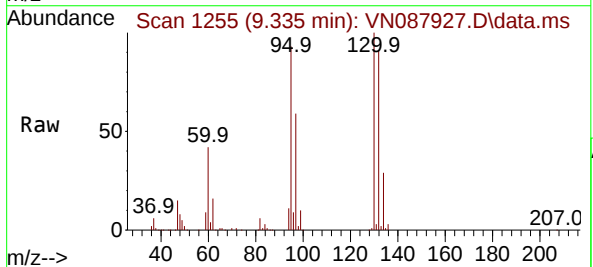
Instrument :
MSVOA_N
ClientSampleId :

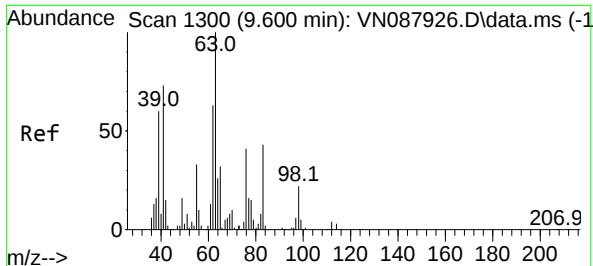
Tgt Ion: 43 Resp: 725147
Ion Ratio Lower Upper
43 100
61 25.6 20.2 30.2
87 13.8 10.9 16.3



#44
Trichloroethene
Concen: 88.080 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN087927.D
Acq: 23 Sep 2025 10:36

Tgt Ion:130 Resp: 272727
Ion Ratio Lower Upper
130 100
95 93.4 0.0 208.0





#45

1,2-Dichloropropane

Concen: 85.427 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN087927.D

Acq: 23 Sep 2025 10:36

Instrument :

MSVOA_N

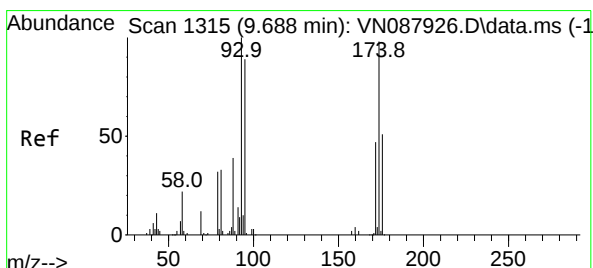
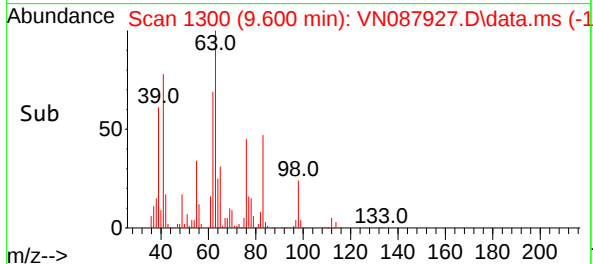
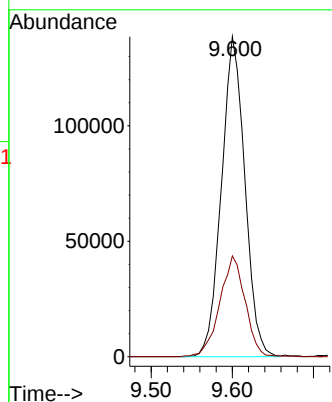
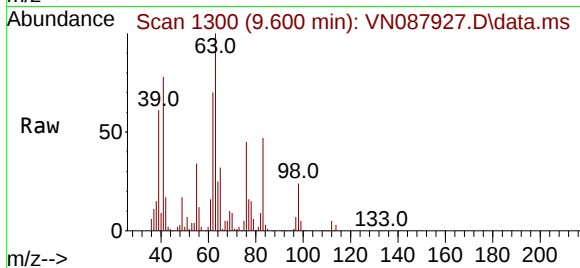
ClientSampleId :

Tgt Ion: 63 Resp: 277676

Ion Ratio Lower Upper

63 100

65 31.5 25.4 38.0



#46

Dibromomethane

Concen: 87.537 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN087927.D

Acq: 23 Sep 2025 10:36

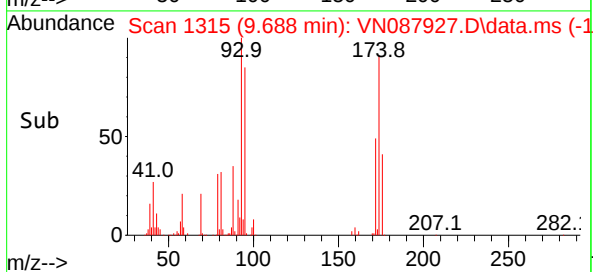
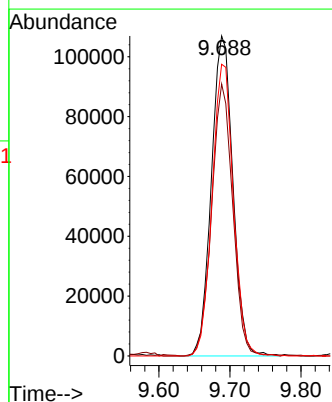
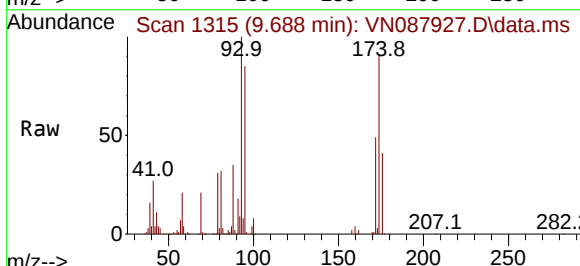
Tgt Ion: 93 Resp: 224518

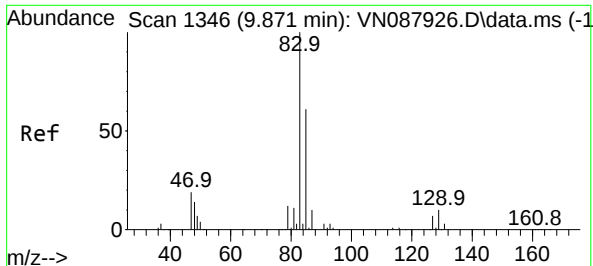
Ion Ratio Lower Upper

93 100

95 83.3 67.6 101.4

174 90.5 75.4 113.0

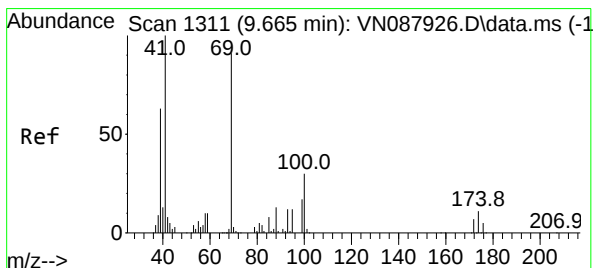
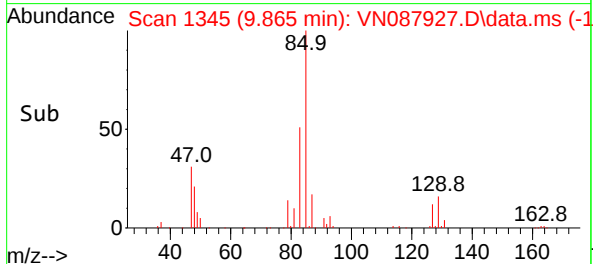
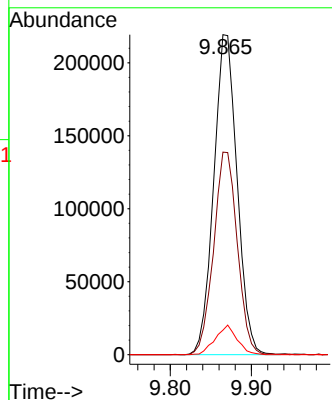
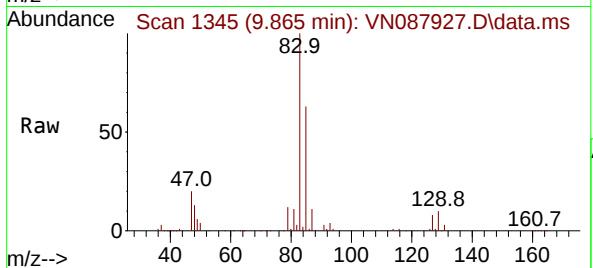




#47
Bromodichloromethane
Concen: 87.234 ug/l
RT: 9.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087927.D
Acq: 23 Sep 2025 10:36

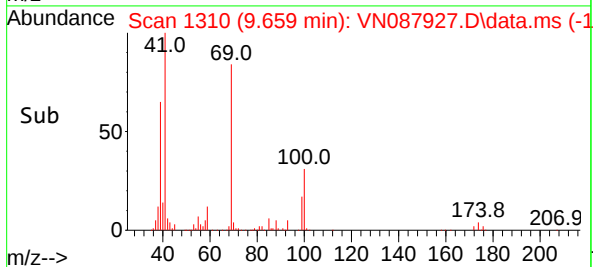
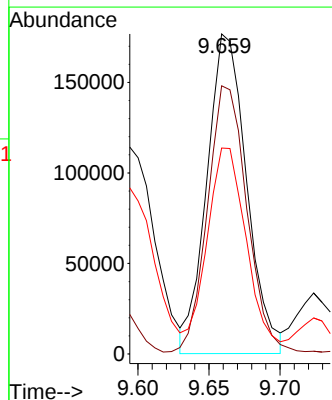
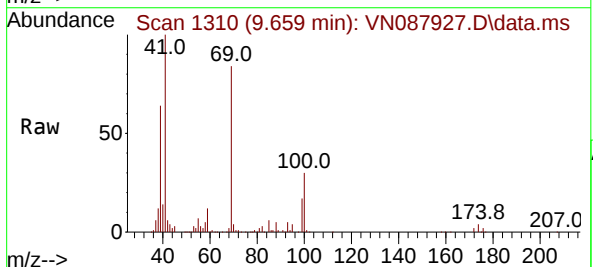
Instrument :
MSVOA_N
ClientSampleId :

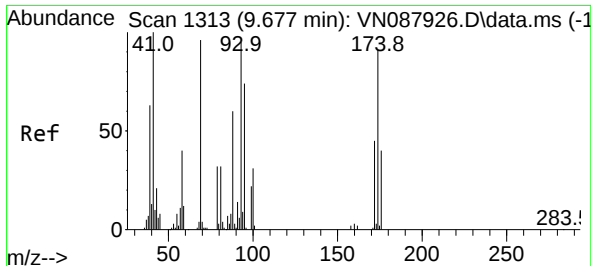
Tgt Ion: 83 Resp: 438840
Ion Ratio Lower Upper
83 100
85 63.3 49.1 73.7
127 7.7 5.9 8.9



#48
Methyl methacrylate
Concen: 91.785 ug/l
RT: 9.659 min Scan# 1310
Delta R.T. -0.006 min
Lab File: VN087927.D
Acq: 23 Sep 2025 10:36

Tgt Ion: 41 Resp: 343963
Ion Ratio Lower Upper
41 100
69 84.0 70.9 106.3
39 64.4 52.9 79.3





#49

1,4-Dioxane

Concen: 1711.395 ug/l

RT: 9.677 min Scan# 11

Delta R.T. 0.000 min

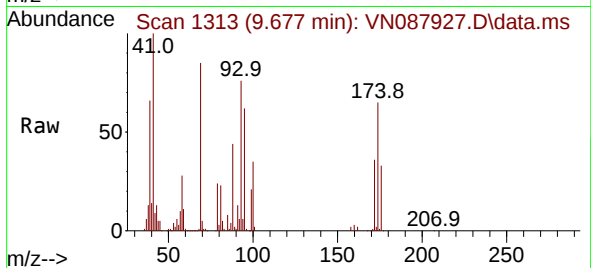
Lab File: VN087927.D

Acq: 23 Sep 2025 10:36

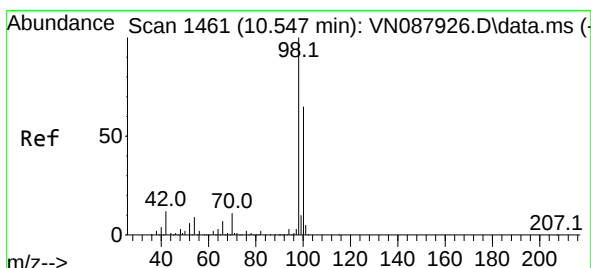
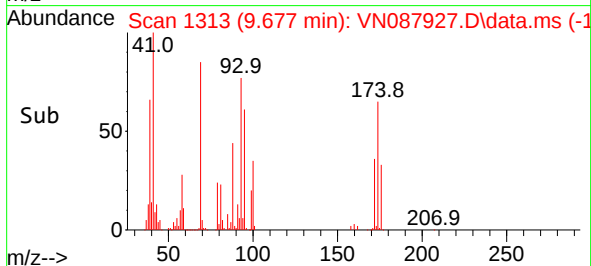
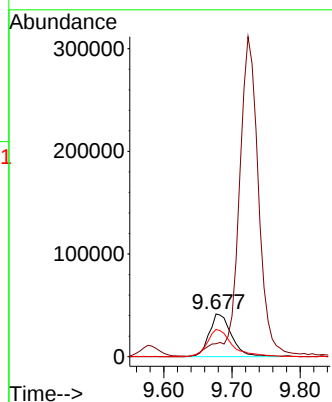
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	88	Resp:	94746
Ion	Ratio	Lower	Upper
88	100		
43	0.0	22.6	33.8#
58	71.4	57.4	86.2



#50

Toluene-d8

Concen: 111.905 ug/l

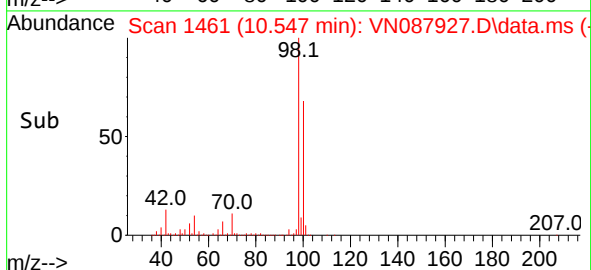
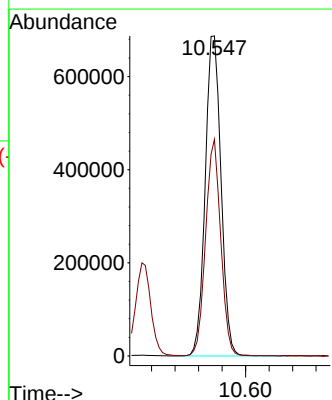
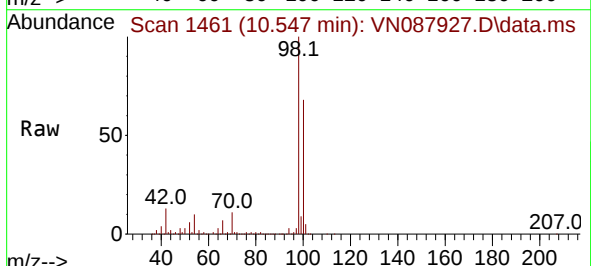
RT: 10.547 min Scan# 1461

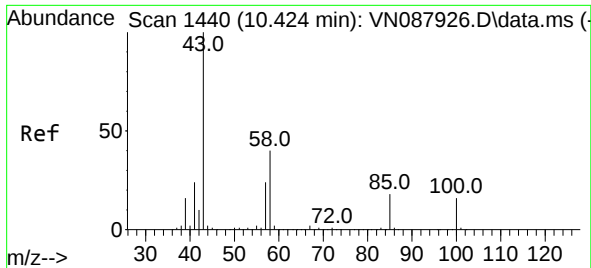
Delta R.T. 0.000 min

Lab File: VN087927.D

Acq: 23 Sep 2025 10:36

Tgt Ion:	98	Resp:	1281272
Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.7	77.5

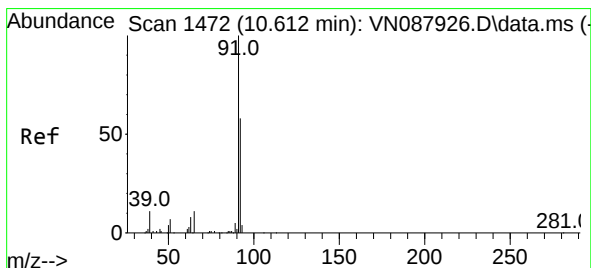
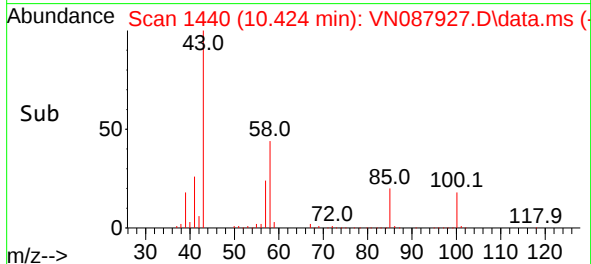
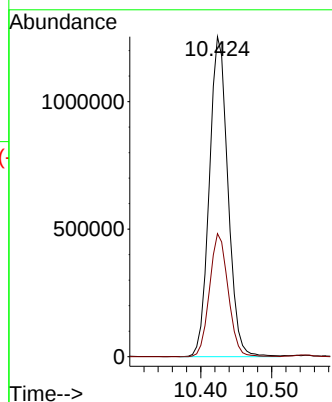
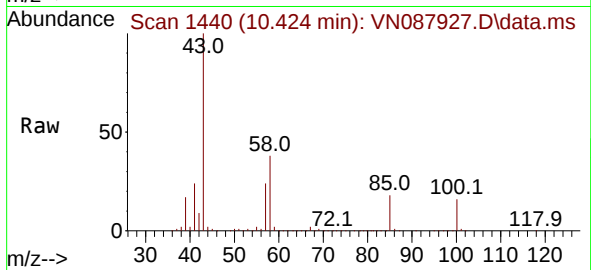




#51
4-Methyl-2-Pentanone
Concen: 451.629 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN087927.D
Acq: 23 Sep 2025 10:36

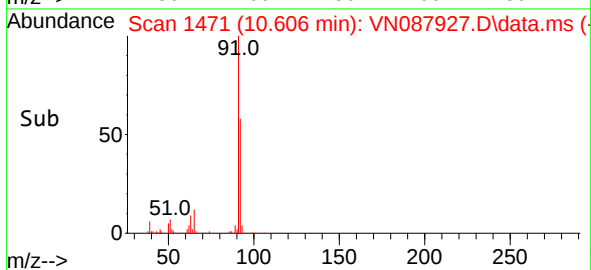
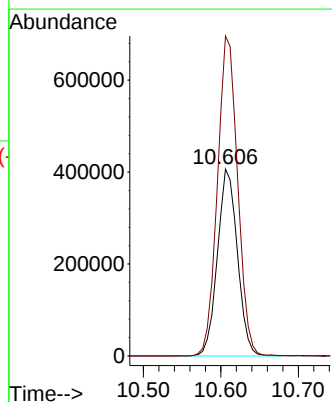
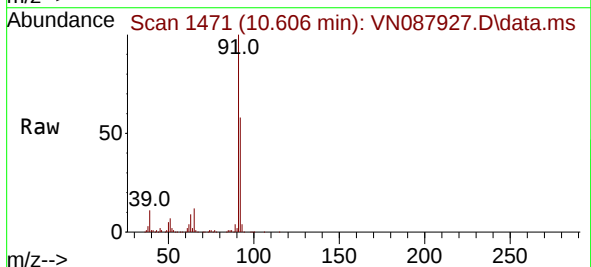
Instrument :
MSVOA_N
ClientSampleId :

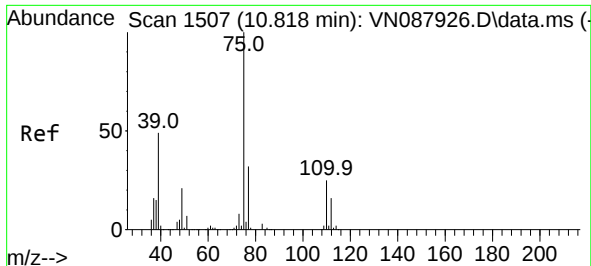
Tgt Ion: 43 Resp: 2280534
Ion Ratio Lower Upper
43 100
58 38.5 31.0 46.6



#52
Toluene
Concen: 89.394 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VN087927.D
Acq: 23 Sep 2025 10:36

Tgt Ion: 92 Resp: 727172
Ion Ratio Lower Upper
92 100
91 173.7 138.2 207.2

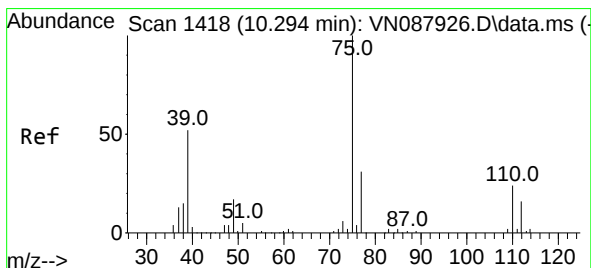
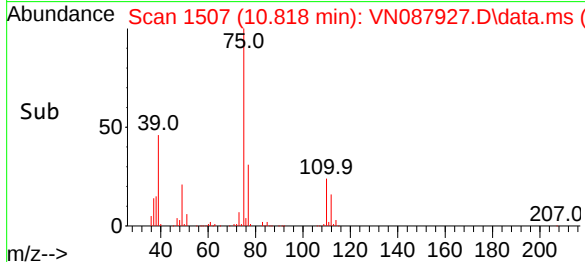
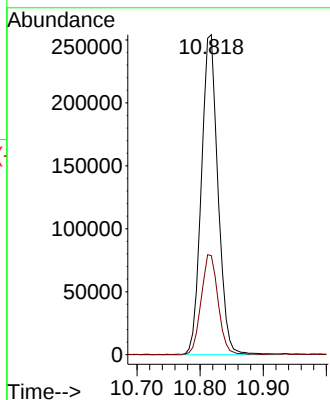
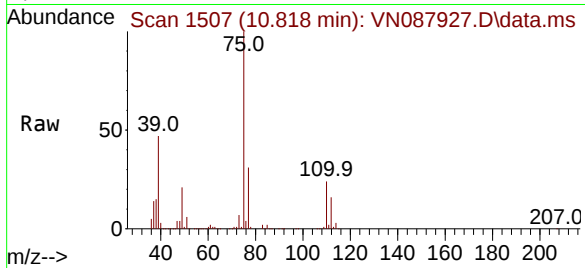




#53
t-1,3-Dichloropropene
Concen: 90.246 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VN087927.D
Acq: 23 Sep 2025 10:36

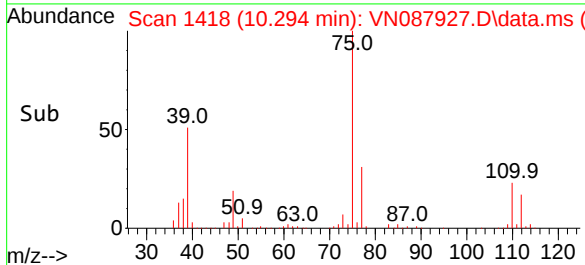
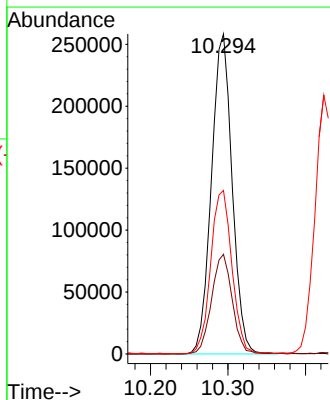
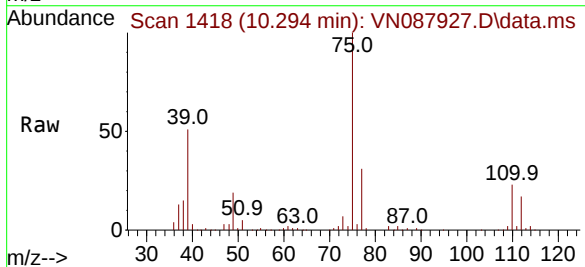
Instrument :
MSVOA_N
ClientSampleId :

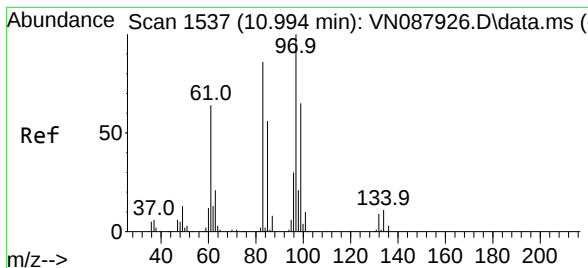
Tgt Ion: 75 Resp: 464641
Ion Ratio Lower Upper
75 100
77 30.8 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 89.589 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN087927.D
Acq: 23 Sep 2025 10:36

Tgt Ion: 75 Resp: 479067
Ion Ratio Lower Upper
75 100
77 31.1 24.7 37.1
39 51.0 41.4 62.0





#55

1,1,2-Trichloroethane

Concen: 86.356 ug/l

RT: 10.994 min Scan# 1537

Delta R.T. 0.000 min

Lab File: VN087927.D

Acq: 23 Sep 2025 10:36

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 97 Resp: 285624

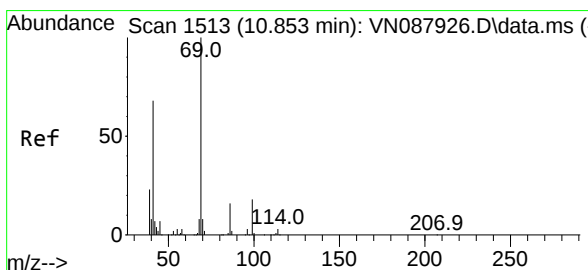
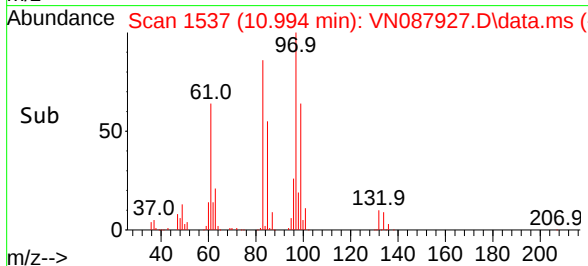
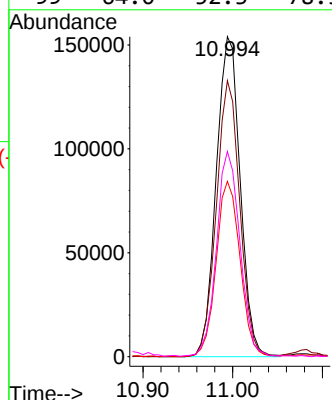
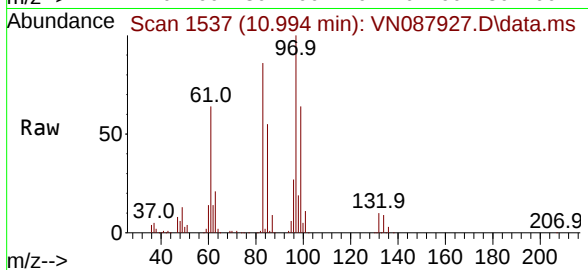
Ion Ratio Lower Upper

97 100

83 86.2 69.0 103.4

85 54.8 44.4 66.6

99 64.0 52.3 78.5



#56

Ethyl methacrylate

Concen: 96.195 ug/l

RT: 10.853 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VN087927.D

Acq: 23 Sep 2025 10:36

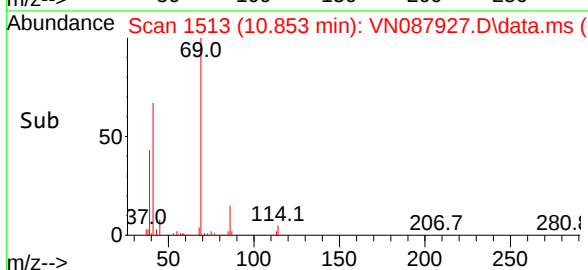
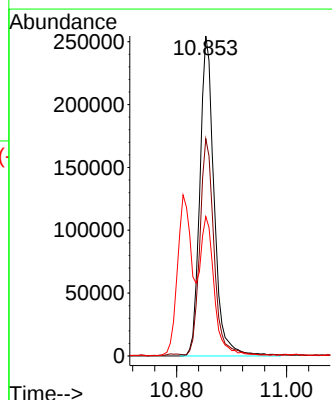
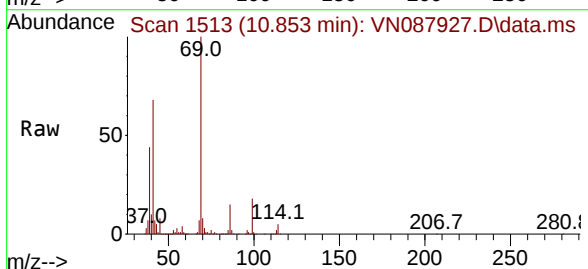
Tgt Ion: 69 Resp: 459730

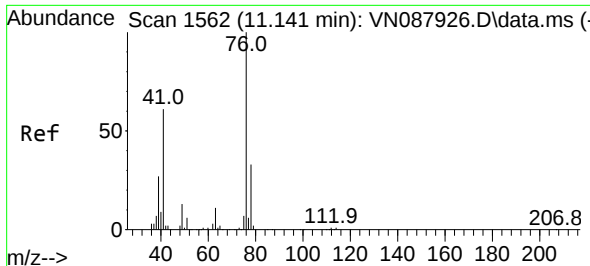
Ion Ratio Lower Upper

69 100

41 66.6 53.8 80.6

39 42.5 34.7 52.1





#57

1,3-Dichloropropane

Concen: 88.803 ug/l

RT: 11.141 min Scan# 1562

Delta R.T. 0.000 min

Lab File: VN087927.D

Acq: 23 Sep 2025 10:36

Instrument :

MSVOA_N

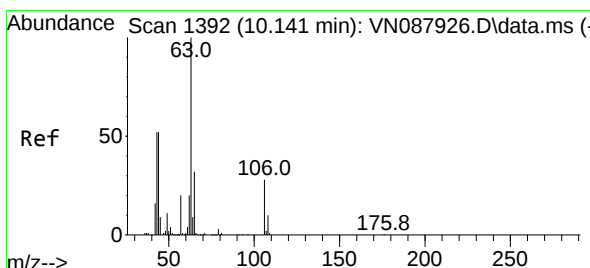
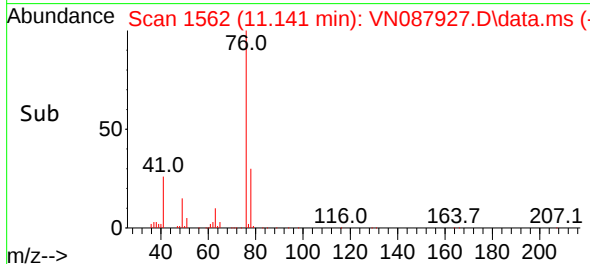
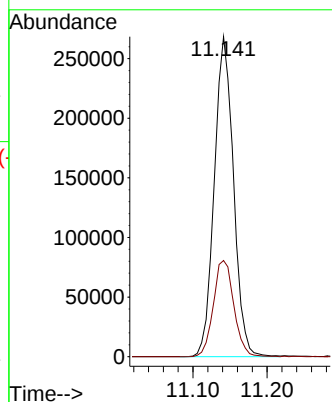
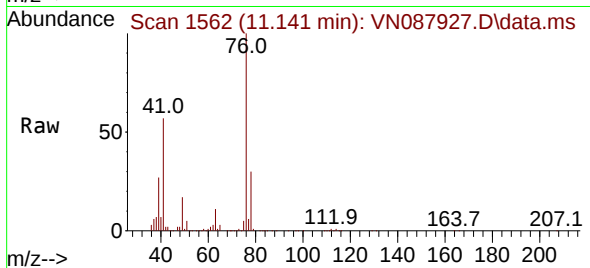
ClientSampleId :

Tgt Ion: 76 Resp: 483097

Ion Ratio Lower Upper

76 100

78 32.1 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 499.234 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VN087927.D

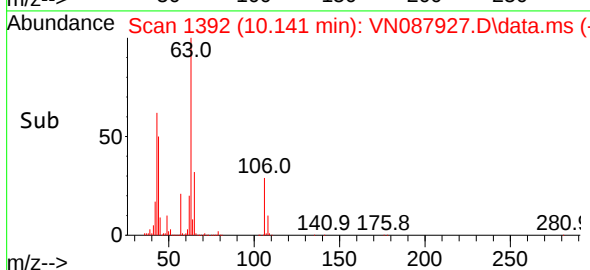
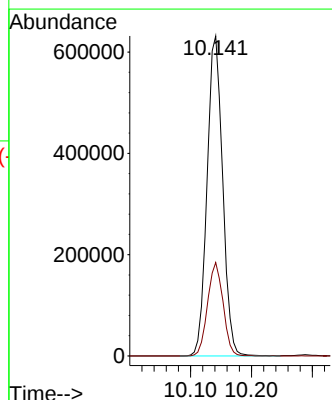
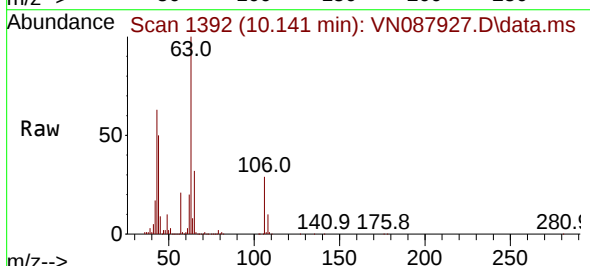
Acq: 23 Sep 2025 10:36

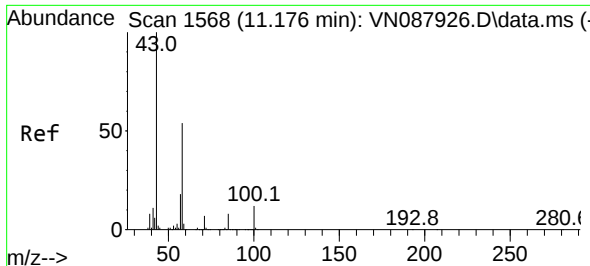
Tgt Ion: 63 Resp: 1121816

Ion Ratio Lower Upper

63 100

106 29.0 22.6 33.8

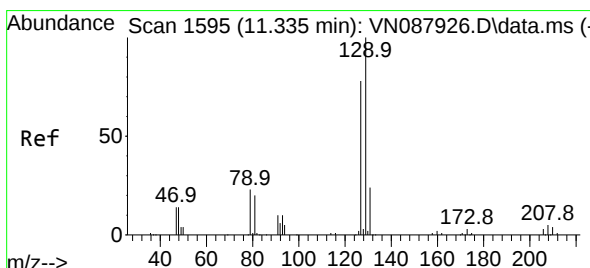
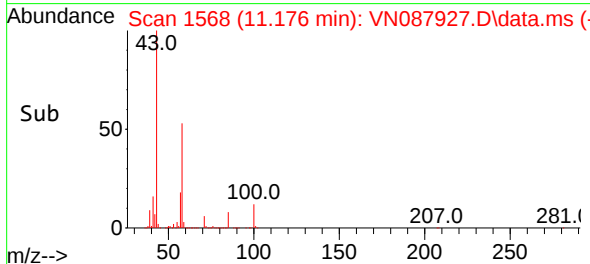
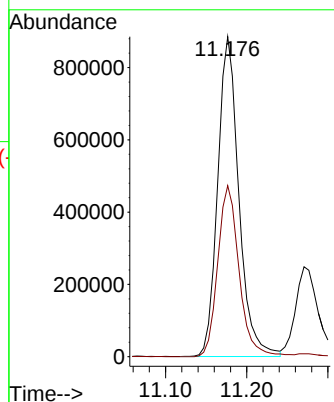
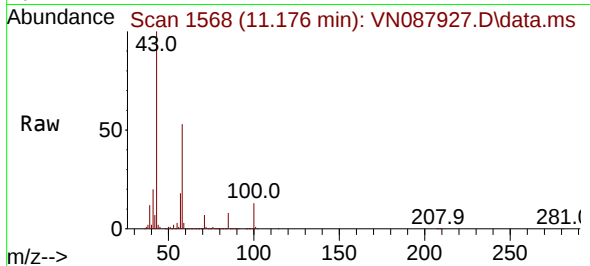




#59
2-Hexanone
Concen: 480.290 ug/l
RT: 11.176 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087927.D
Acq: 23 Sep 2025 10:36

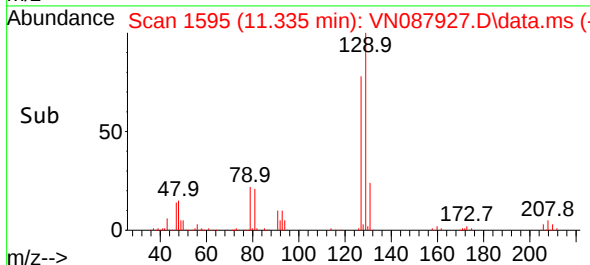
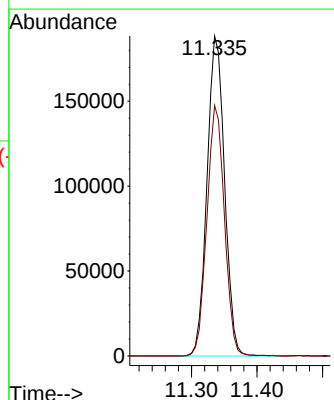
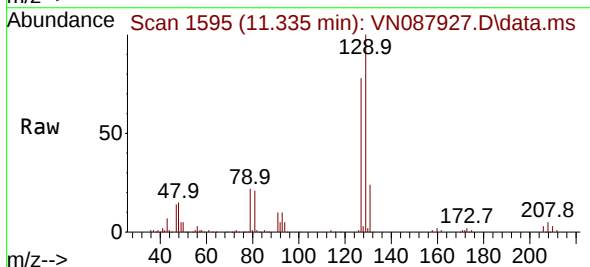
Instrument :
MSVOA_N
ClientSampleId :

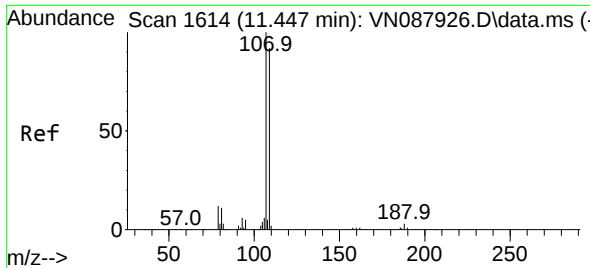
Tgt Ion: 43 Resp: 1603636
Ion Ratio Lower Upper
43 100
58 54.1 26.4 79.2



#60
Dibromochloromethane
Concen: 90.171 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN087927.D
Acq: 23 Sep 2025 10:36

Tgt Ion:129 Resp: 350657
Ion Ratio Lower Upper
129 100
127 78.2 39.3 117.9

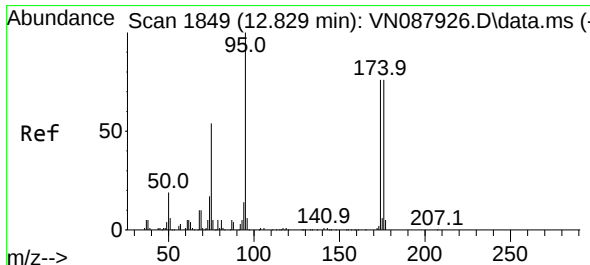
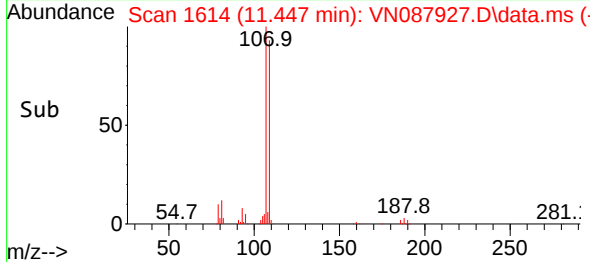
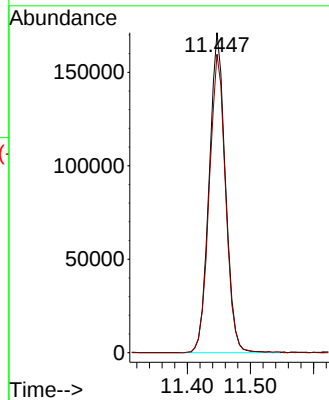
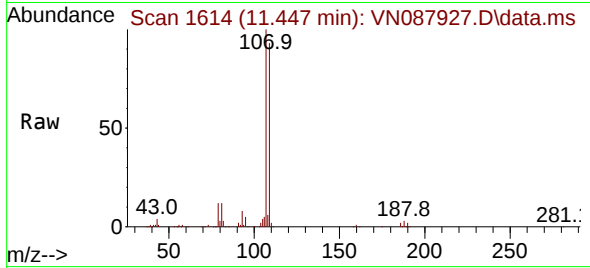




#61
1,2-Dibromoethane
Concen: 87.393 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN087927.D
Acq: 23 Sep 2025 10:36

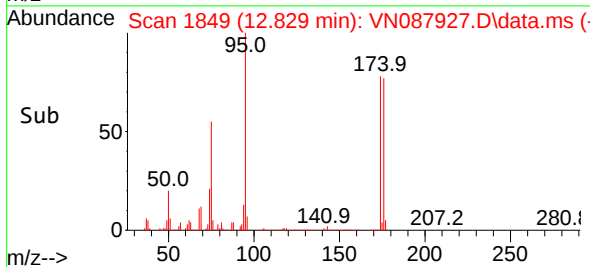
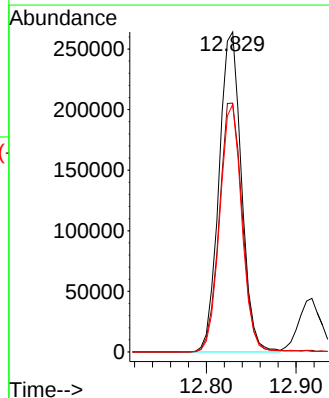
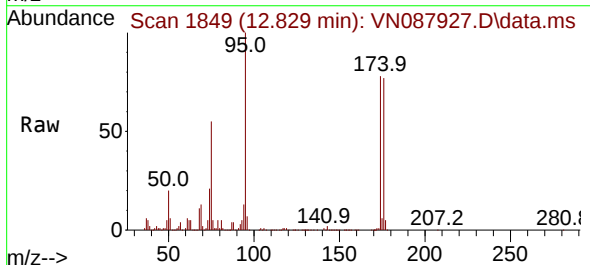
Instrument :
MSVOA_N
ClientSampleId :

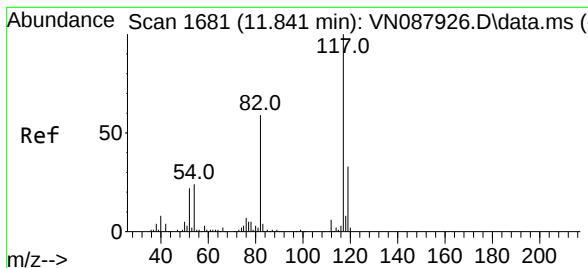
Tgt Ion:107 Resp: 306002
Ion Ratio Lower Upper
107 100
109 93.9 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 112.049 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087927.D
Acq: 23 Sep 2025 10:36

Tgt Ion: 95 Resp: 458572
Ion Ratio Lower Upper
95 100
174 79.7 0.0 159.2
176 75.7 0.0 152.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.841 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN087927.D

Acq: 23 Sep 2025 10:36

Instrument :

MSVOA_N

ClientSampleId :

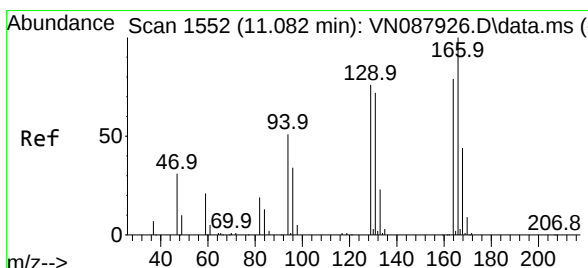
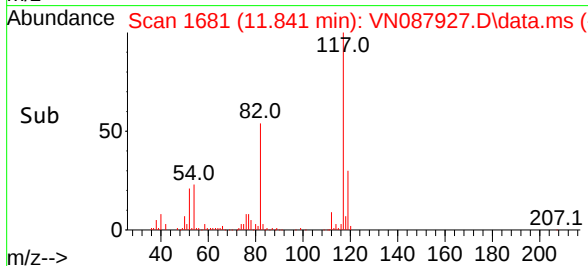
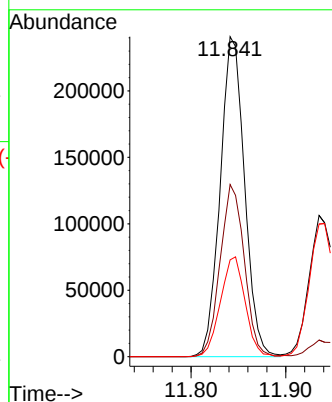
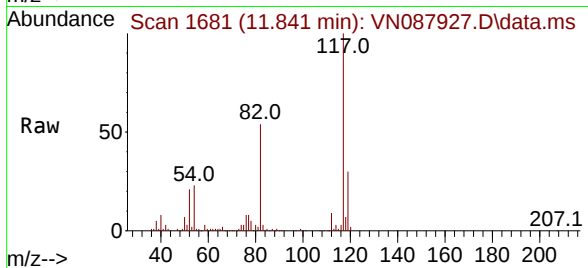
Tgt Ion:117 Resp: 431445

Ion Ratio Lower Upper

117 100

82 53.8 47.0 70.4

119 30.3 26.1 39.1



#64

Tetrachloroethene

Concen: 86.687 ug/l

RT: 11.082 min Scan# 1552

Delta R.T. 0.000 min

Lab File: VN087927.D

Acq: 23 Sep 2025 10:36

Tgt Ion:164 Resp: 227824

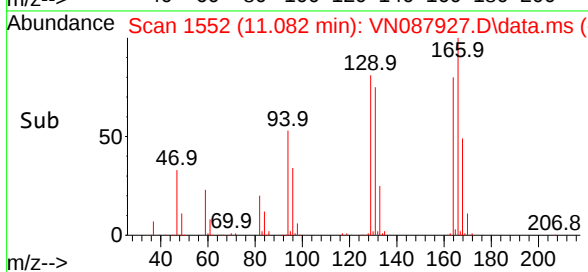
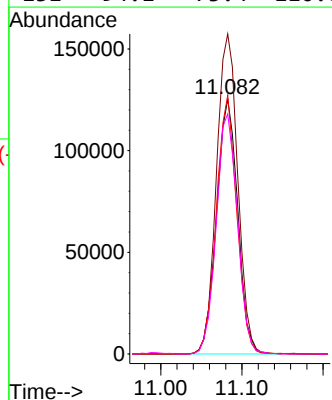
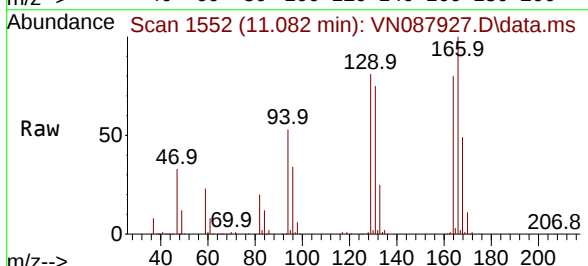
Ion Ratio Lower Upper

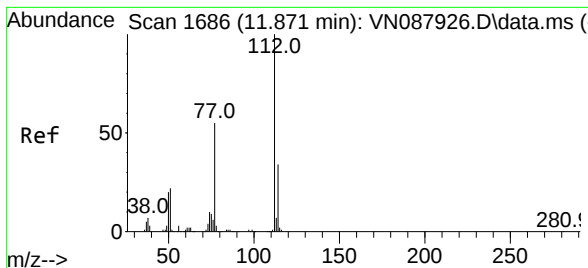
164 100

166 125.5 101.6 152.4

129 101.6 77.5 116.3

131 94.1 73.4 110.0

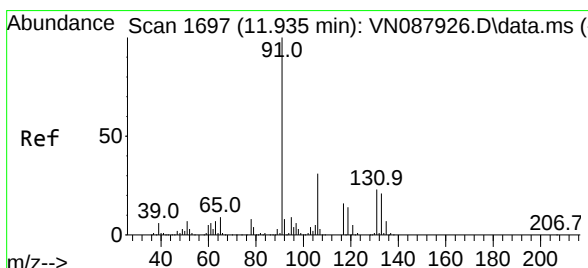
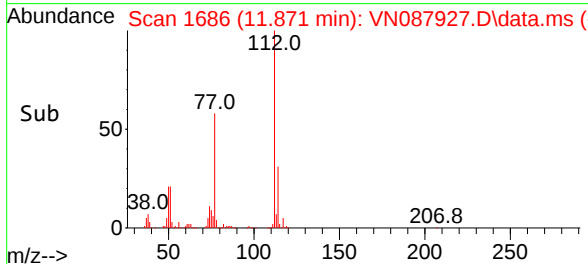
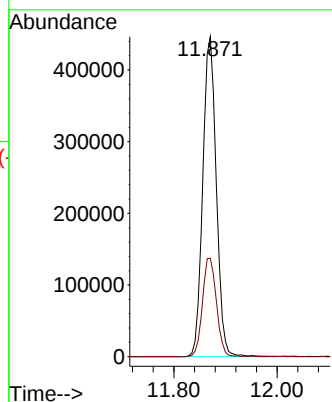
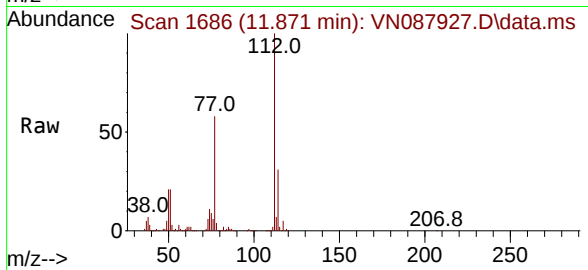




#65
Chlorobenzene
Concen: 88.379 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087927.D
Acq: 23 Sep 2025 10:36

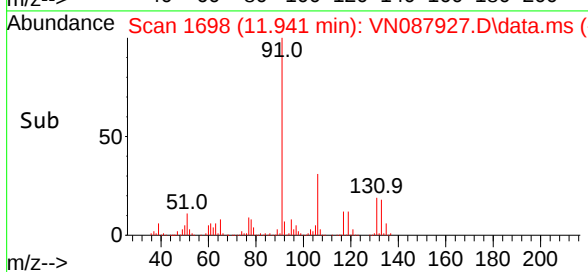
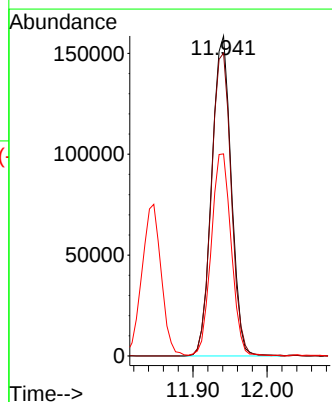
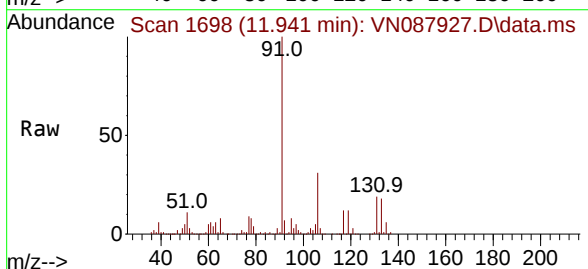
Instrument :
MSVOA_N
ClientSampleId :

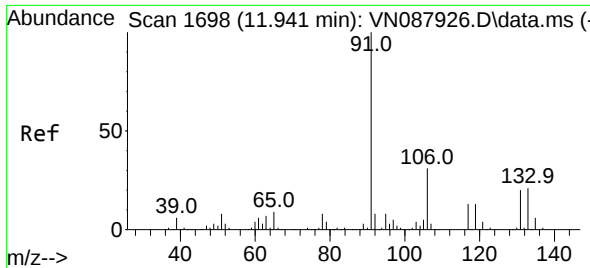
Tgt Ion:112 Resp: 811449
Ion Ratio Lower Upper
112 100
114 30.8 27.2 40.8



#66
1,1,1,2-Tetrachloroethane
Concen: 87.414 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VN087927.D
Acq: 23 Sep 2025 10:36

Tgt Ion:131 Resp: 289426
Ion Ratio Lower Upper
131 100
133 97.0 48.4 145.0
119 64.7 31.9 95.5

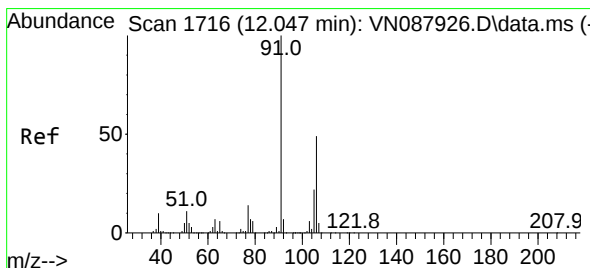
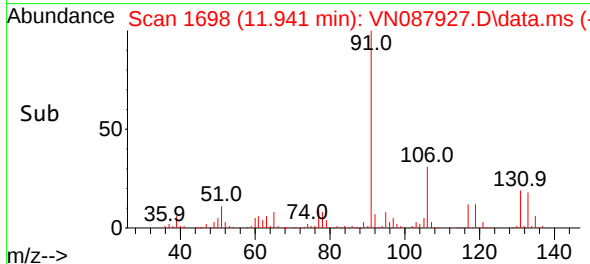
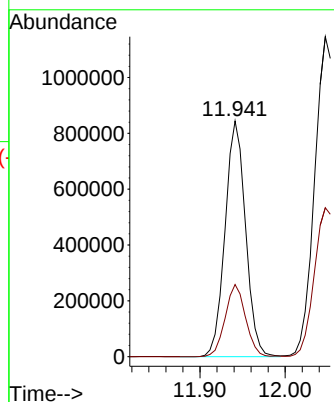
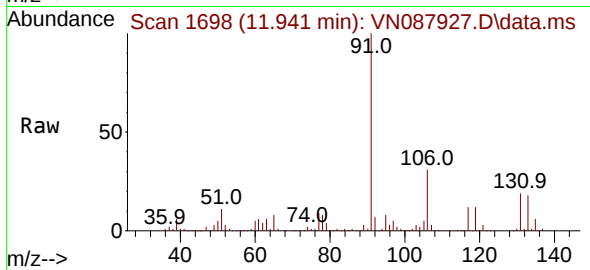




#67
Ethyl Benzene
Concen: 92.180 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087927.D
Acq: 23 Sep 2025 10:36

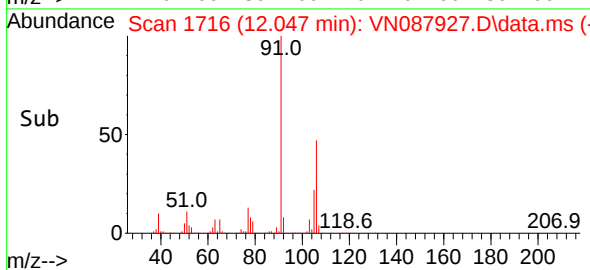
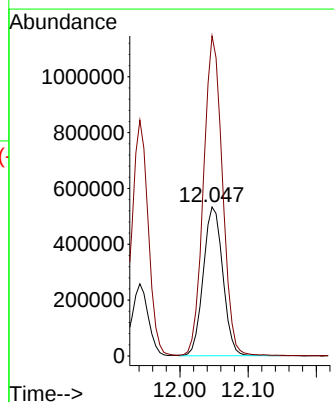
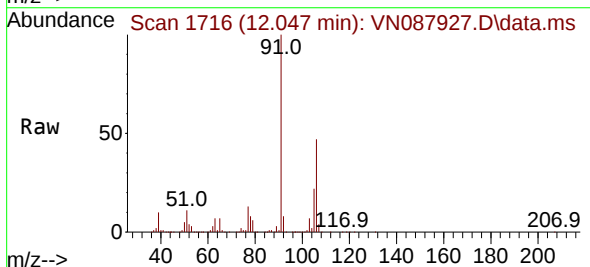
Instrument :
MSVOA_N
ClientSampleId :

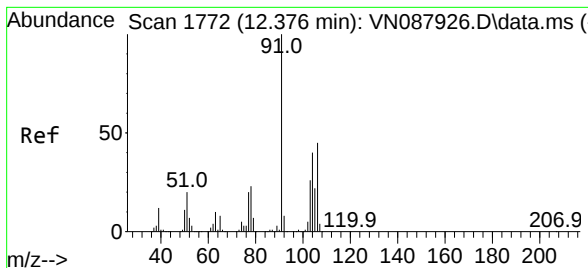
Tgt Ion: 91 Resp: 1412236
Ion Ratio Lower Upper
91 100
106 30.6 25.2 37.8



#68
m/p-Xylenes
Concen: 181.095 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN087927.D
Acq: 23 Sep 2025 10:36

Tgt Ion:106 Resp: 1061087
Ion Ratio Lower Upper
106 100
91 208.6 162.9 244.3

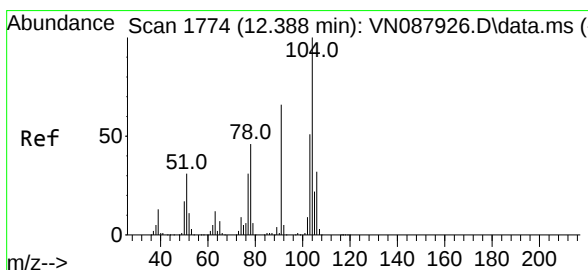
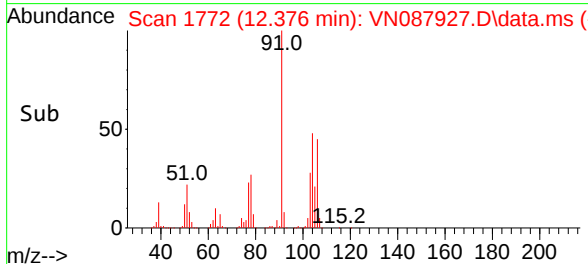
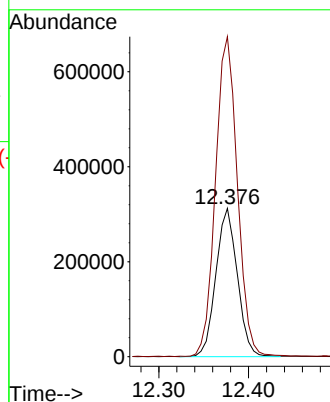
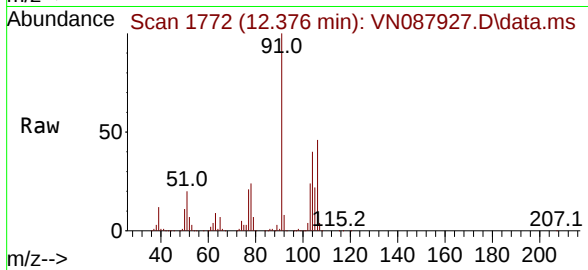




#69
o-Xylene
Concen: 92.161 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087927.D
Acq: 23 Sep 2025 10:36

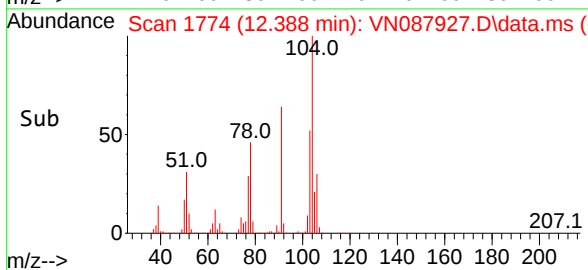
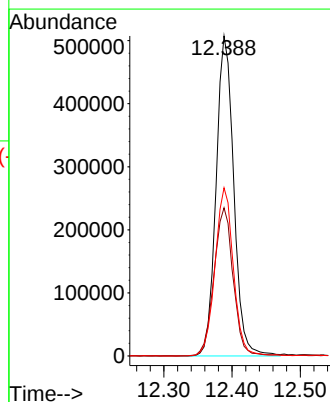
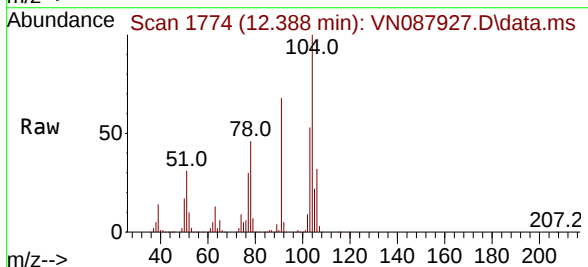
Instrument :
MSVOA_N
ClientSampleId :

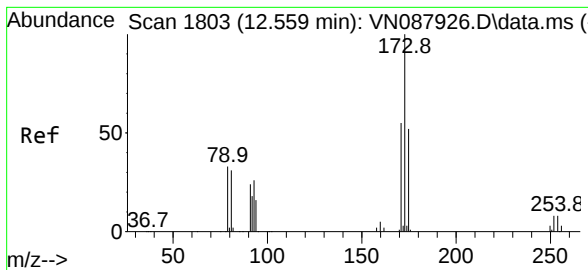
Tgt Ion:106 Resp: 518806
Ion Ratio Lower Upper
106 100
91 220.6 108.2 324.6



#70
Styrene
Concen: 94.710 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN087927.D
Acq: 23 Sep 2025 10:36

Tgt Ion:104 Resp: 915672
Ion Ratio Lower Upper
104 100
78 50.7 39.7 59.5
103 54.7 44.6 67.0

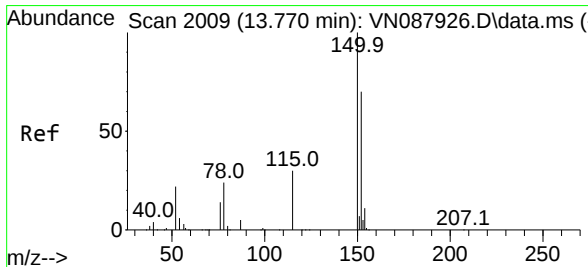
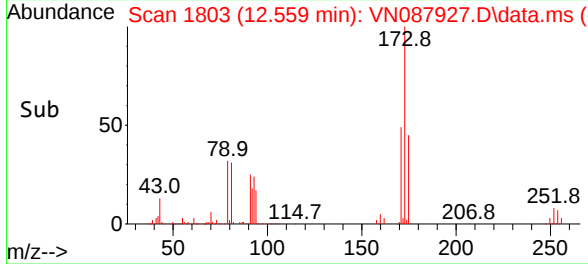
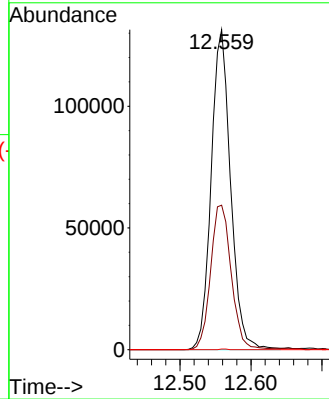
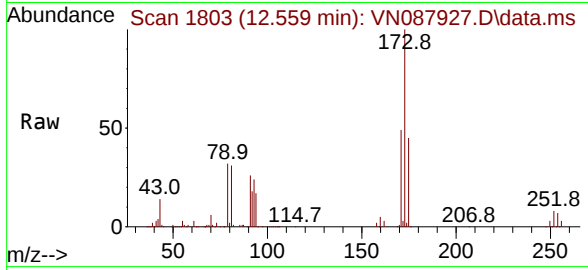




#71
Bromoform
Concen: 92.794 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN087927.D
Acq: 23 Sep 2025 10:36

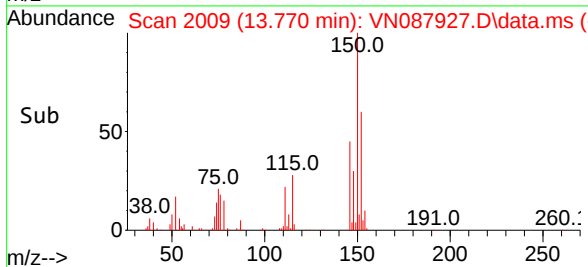
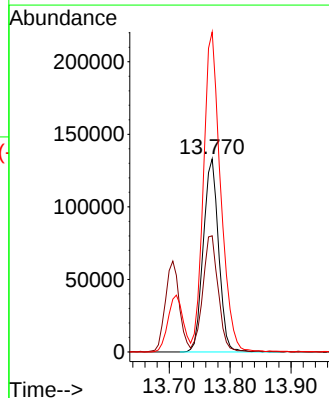
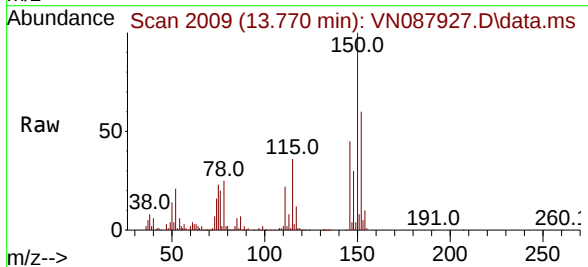
Instrument :
MSVOA_N
ClientSampleId :

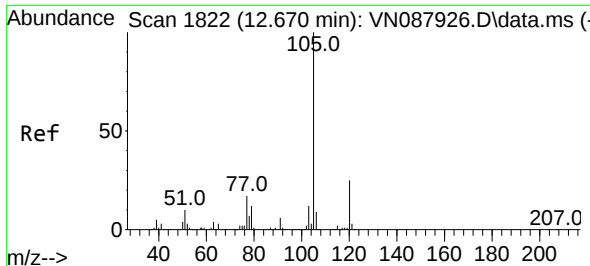
Tgt Ion:173 Resp: 249268
Ion Ratio Lower Upper
173 100
175 48.0 23.7 71.1
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087927.D
Acq: 23 Sep 2025 10:36

Tgt Ion:152 Resp: 232835
Ion Ratio Lower Upper
152 100
115 60.0 29.9 89.7
150 184.2 0.0 335.0

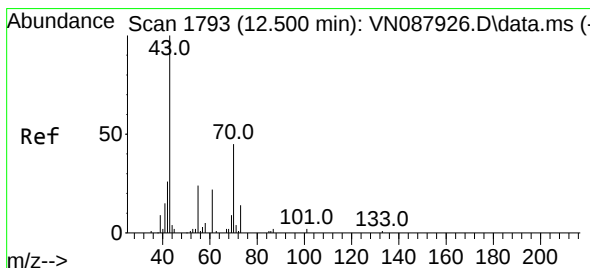
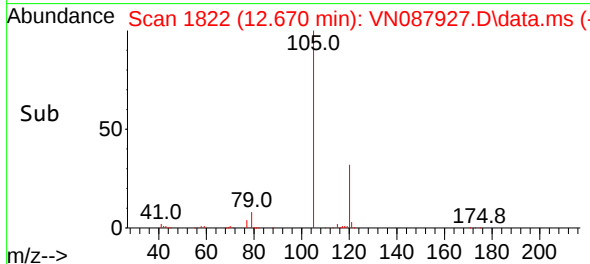
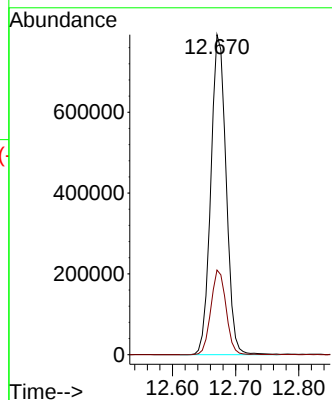
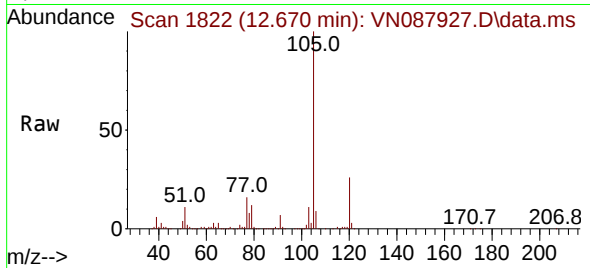




#73
Isopropylbenzene
Concen: 92.265 ug/l
RT: 12.670 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VN087927.D
Acq: 23 Sep 2025 10:36

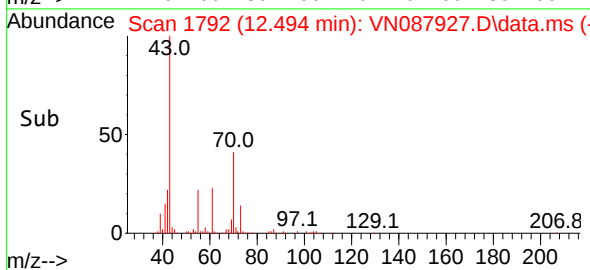
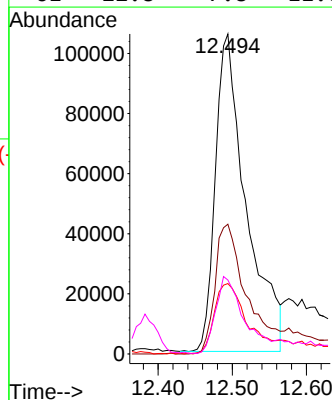
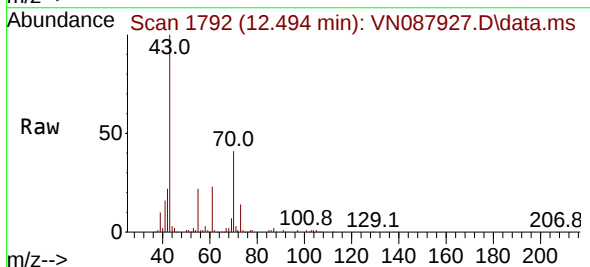
Instrument :
MSVOA_N
ClientSampleId :

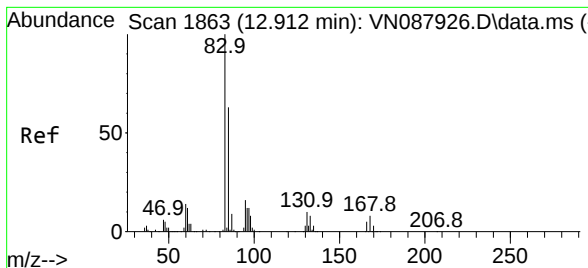
Tgt Ion:105 Resp: 1331440
Ion Ratio Lower Upper
105 100
120 26.3 13.1 39.1



#74
N-ethyl acetate
Concen: 70.928 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.006 min
Lab File: VN087927.D
Acq: 23 Sep 2025 10:36

Tgt Ion: 43 Resp: 304879
Ion Ratio Lower Upper
43 100
70 43.2 19.8 29.8#
55 23.8 9.6 14.4#
61 22.8 7.8 11.6#

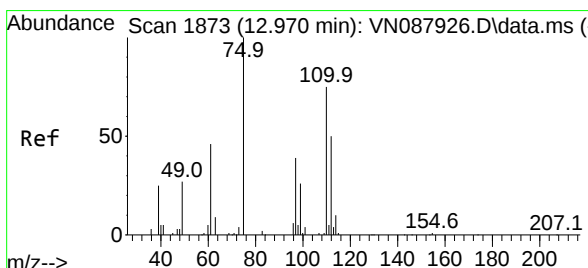
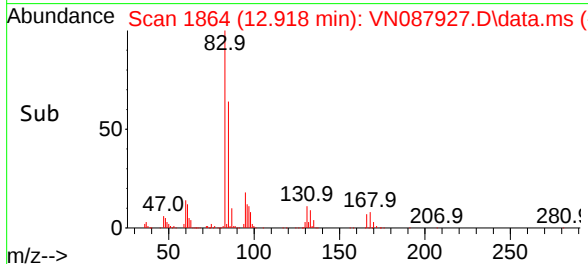
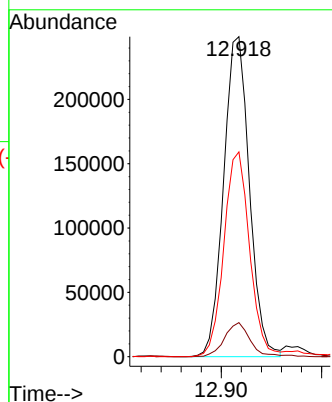
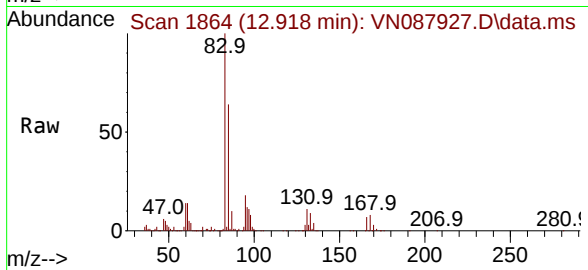




#75
 1,1,2,2-Tetrachloroethane
 Concen: 85.408 ug/l
 RT: 12.918 min Scan# 1864
 Delta R.T. 0.006 min
 Lab File: VN087927.D
 Acq: 23 Sep 2025 10:36

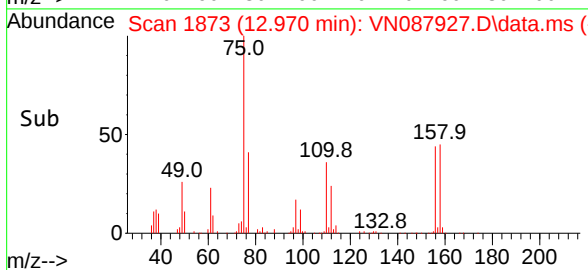
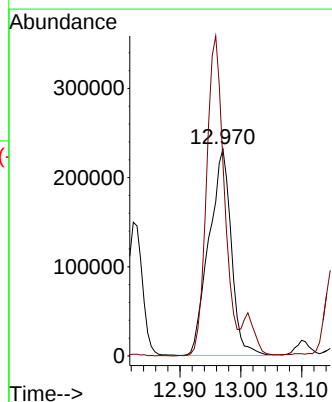
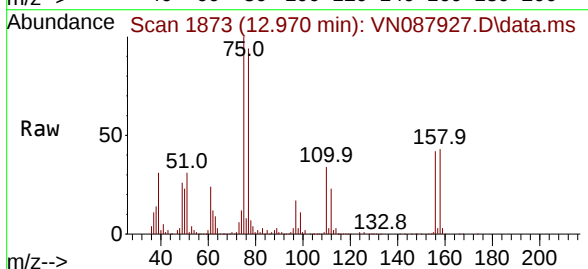
Instrument :
 MSVOA_N
 ClientSampleId :

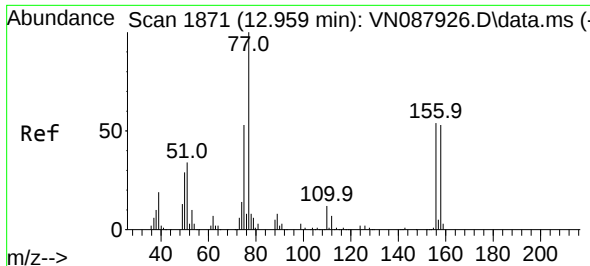
Tgt Ion: 83 Resp: 444065
 Ion Ratio Lower Upper
 83 100
 131 10.7 5.2 15.6
 85 63.6 32.4 97.0



#76
 1,2,3-Trichloropropane
 Concen: 127.451 ug/l
 RT: 12.970 min Scan# 1873
 Delta R.T. 0.000 min
 Lab File: VN087927.D
 Acq: 23 Sep 2025 10:36

Tgt Ion: 75 Resp: 588641
 Ion Ratio Lower Upper
 75 100
 77 122.4 89.5 268.5

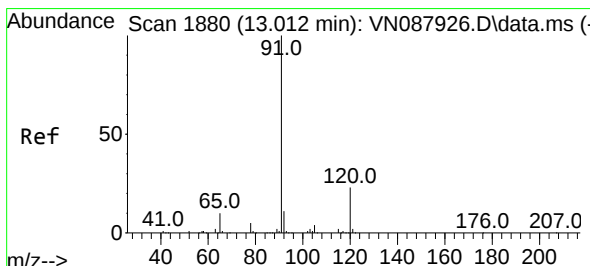
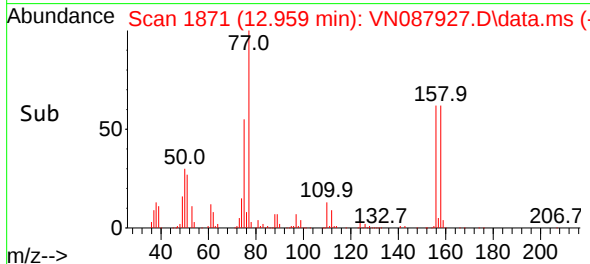
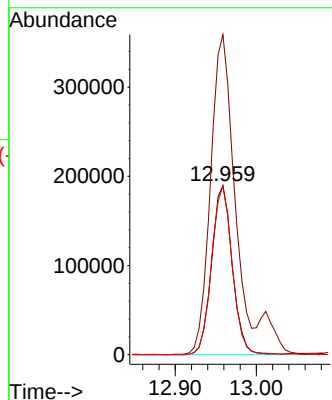
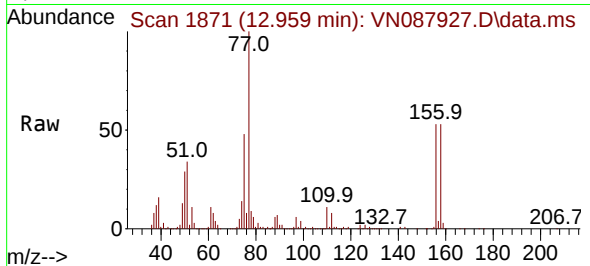




#77
Bromobenzene
Concen: 87.310 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN087927.D
Acq: 23 Sep 2025 10:36

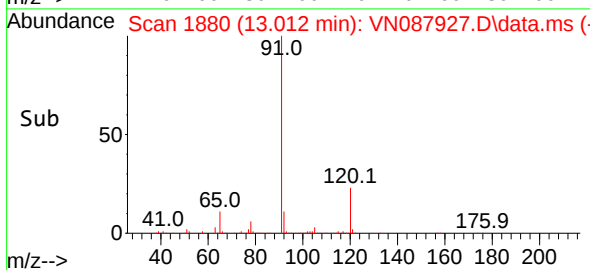
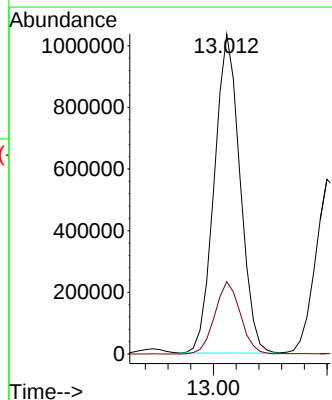
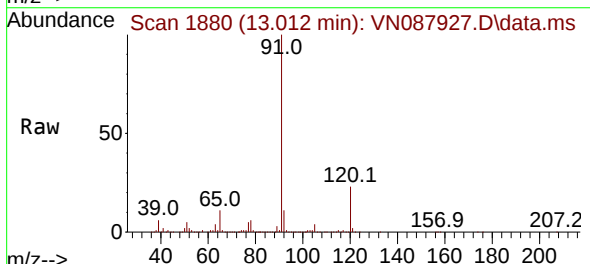
Instrument :
MSVOA_N
ClientSampleId :

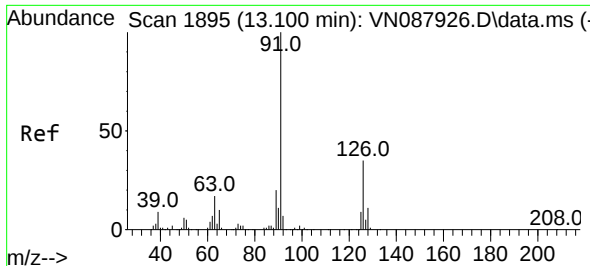
Tgt Ion:156 Resp: 335228
Ion Ratio Lower Upper
156 100
77 215.0 108.2 324.6
158 99.1 49.6 149.0



#78
n-propylbenzene
Concen: 90.155 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN087927.D
Acq: 23 Sep 2025 10:36

Tgt Ion: 91 Resp: 1626563
Ion Ratio Lower Upper
91 100
120 22.5 11.1 33.1

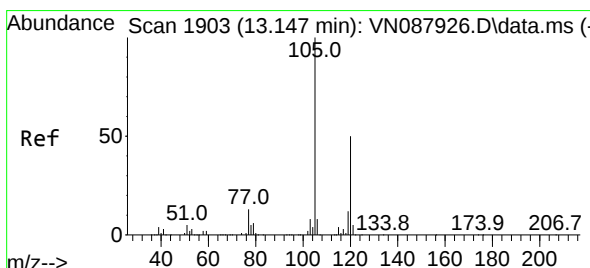
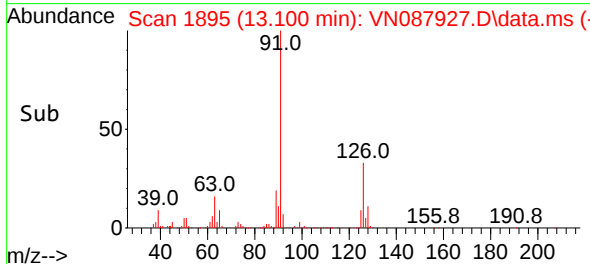
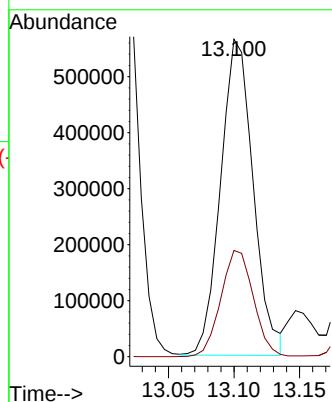
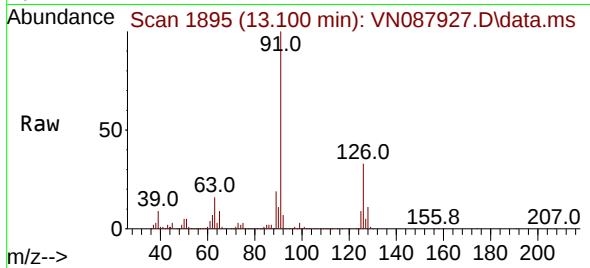




#79
2-Chlorotoluene
Concen: 88.941 ug/l
RT: 13.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087927.D
Acq: 23 Sep 2025 10:36

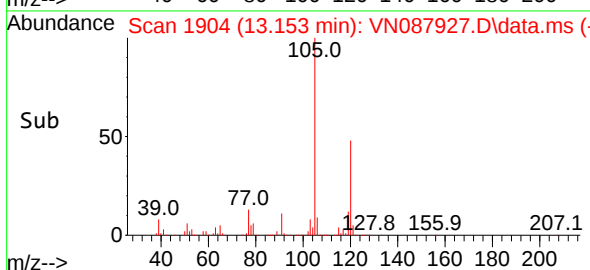
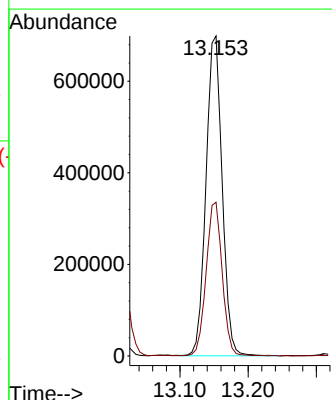
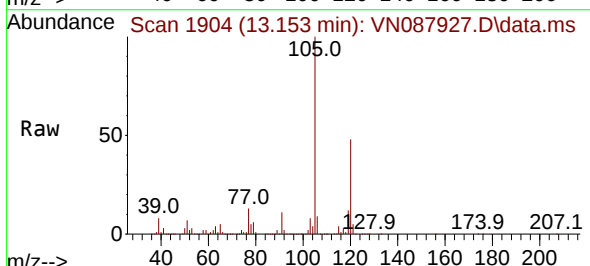
Instrument :
MSVOA_N
ClientSampleId :

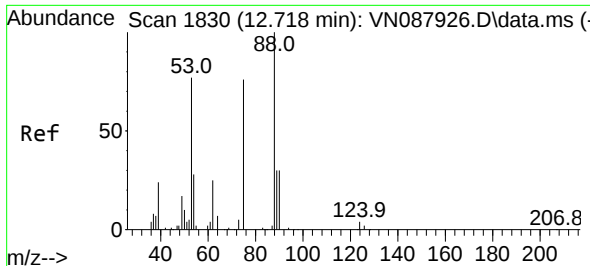
Tgt Ion: 91 Resp: 977059
Ion Ratio Lower Upper
91 100
126 33.6 16.6 49.8



#80
1,3,5-Trimethylbenzene
Concen: 92.232 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VN087927.D
Acq: 23 Sep 2025 10:36

Tgt Ion: 105 Resp: 1151230
Ion Ratio Lower Upper
105 100
120 48.1 24.7 74.1

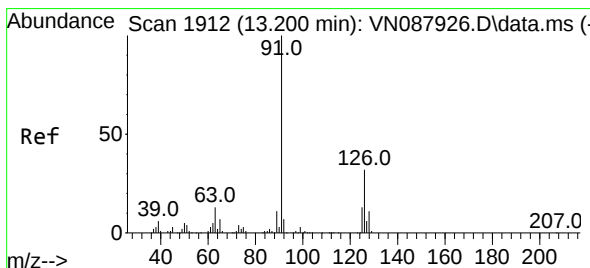
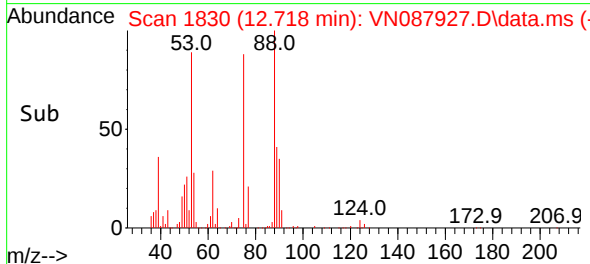
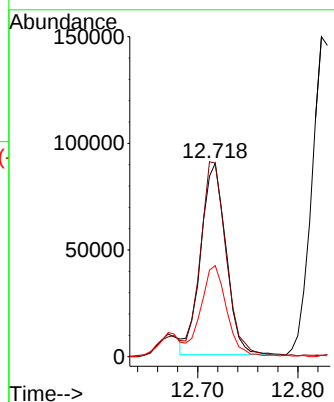
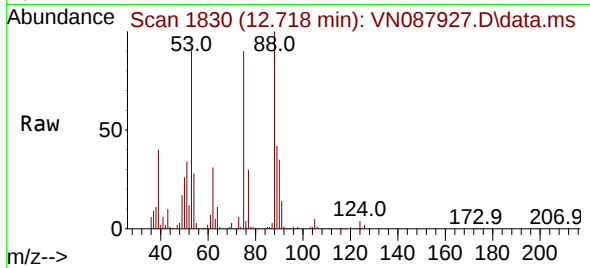




#81
trans-1,4-Dichloro-2-butene
Concen: 94.849 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN087927.D
Acq: 23 Sep 2025 10:36

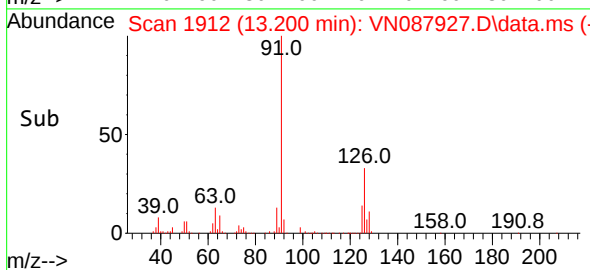
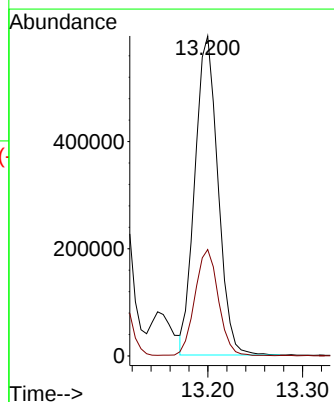
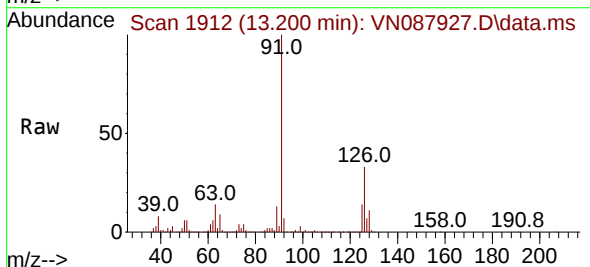
Instrument :
MSVOA_N
ClientSampleId :

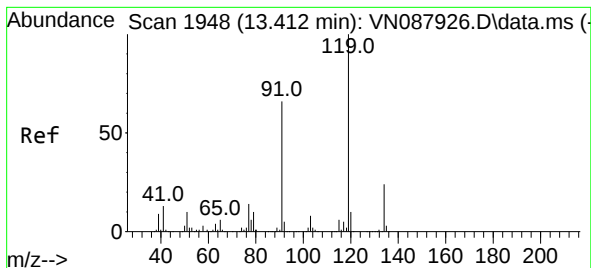
Tgt Ion: 75 Resp: 156770
Ion Ratio Lower Upper
75 100
53 103.1 82.0 123.0
89 48.9 36.1 54.1



#82
4-Chlorotoluene
Concen: 90.951 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087927.D
Acq: 23 Sep 2025 10:36

Tgt Ion: 91 Resp: 1006766
Ion Ratio Lower Upper
91 100
126 34.0 16.9 50.6





#83

tert-Butylbenzene

Concen: 93.339 ug/l

RT: 13.412 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VN087927.D

Acq: 23 Sep 2025 10:36

Instrument :

MSVOA_N

ClientSampleId :

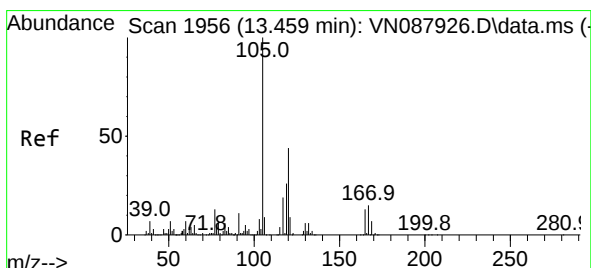
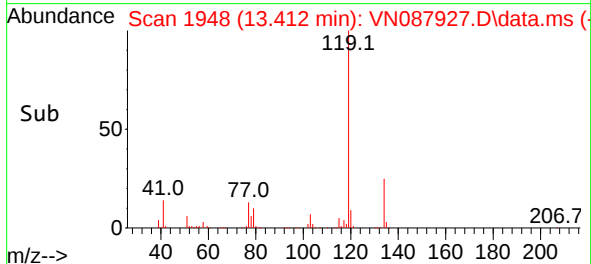
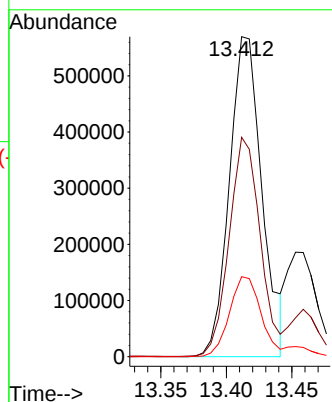
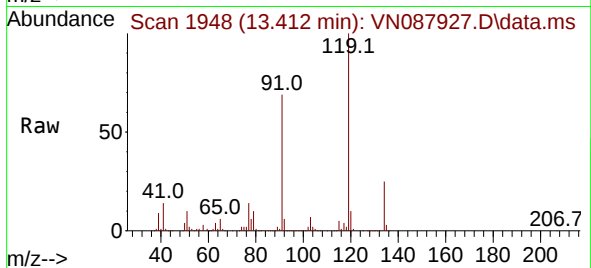
Tgt Ion:119 Resp: 986126

Ion Ratio Lower Upper

119 100

91 65.3 32.1 96.3

134 24.7 12.3 36.8



#84

1,2,4-Trimethylbenzene

Concen: 92.362 ug/l

RT: 13.459 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VN087927.D

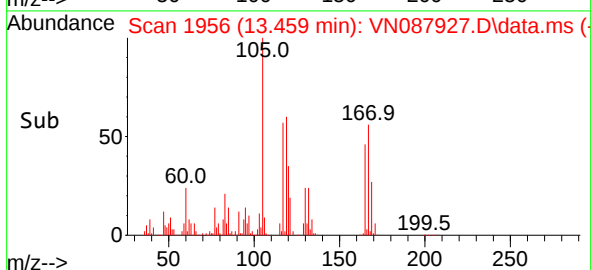
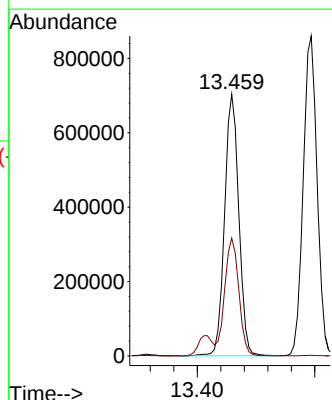
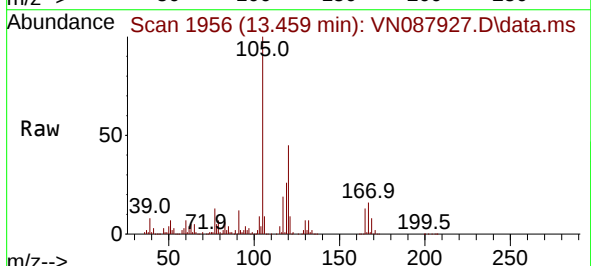
Acq: 23 Sep 2025 10:36

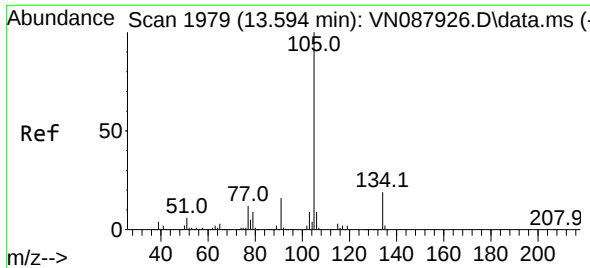
Tgt Ion:105 Resp: 1182488

Ion Ratio Lower Upper

105 100

120 44.6 22.4 67.3

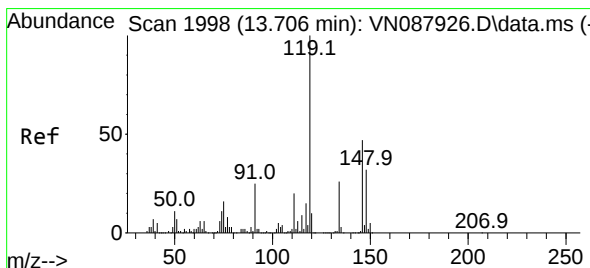
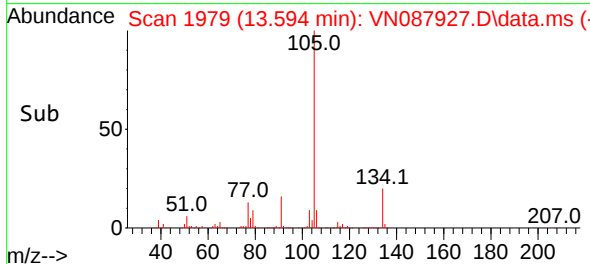
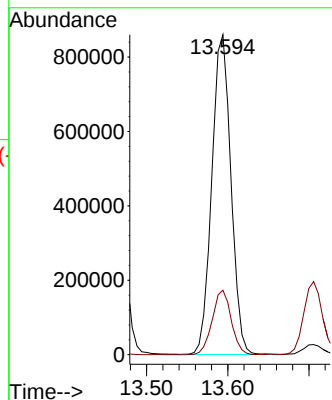
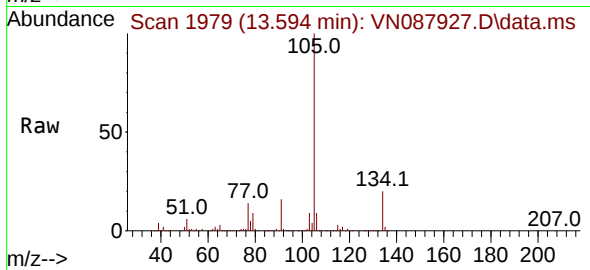




#85
 sec-Butylbenzene
 Concen: 90.879 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087927.D
 Acq: 23 Sep 2025 10:36

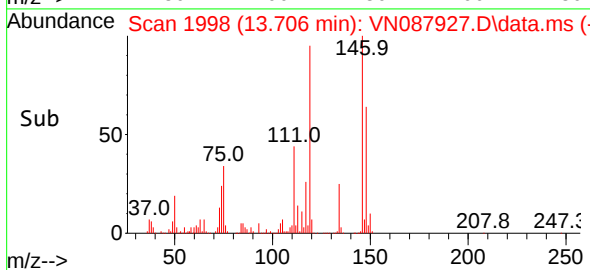
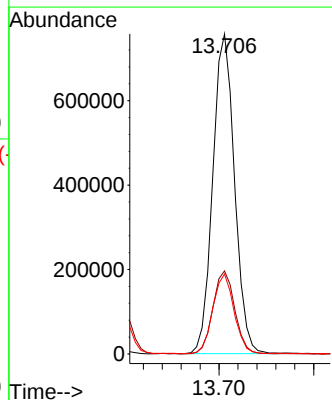
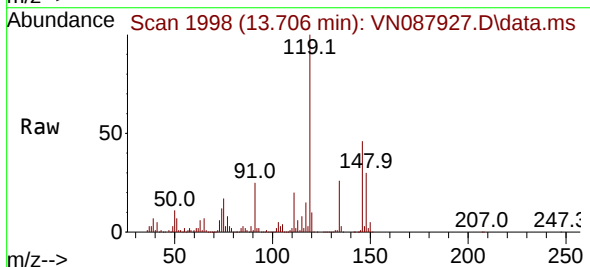
Instrument :
 MSVOA_N
 ClientSampleId :

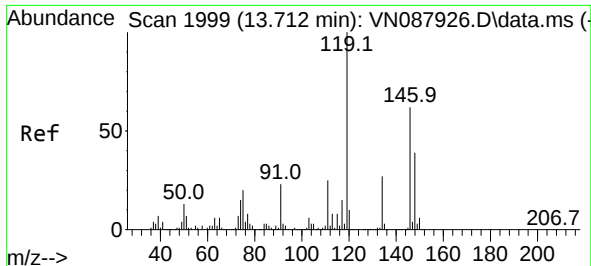
Tgt Ion:105 Resp: 1407683
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 91.980 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN087927.D
 Acq: 23 Sep 2025 10:36

Tgt Ion:119 Resp: 1206696
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.3
 91 24.2 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 87.583 ug/l

RT: 13.712 min Scan# 1999

Delta R.T. 0.000 min

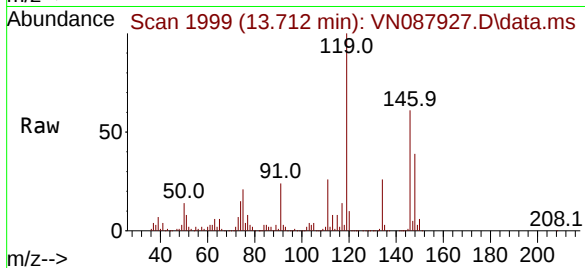
Lab File: VN087927.D

Acq: 23 Sep 2025 10:36

Instrument :

MSVOA_N

ClientSampleId :



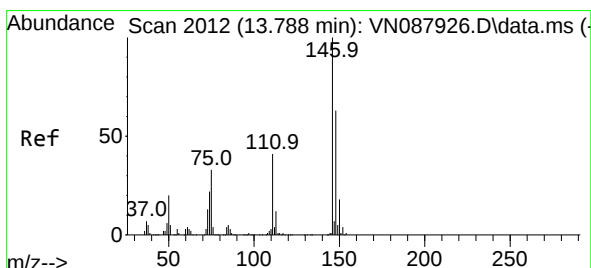
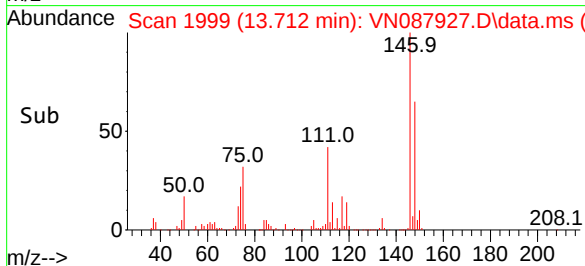
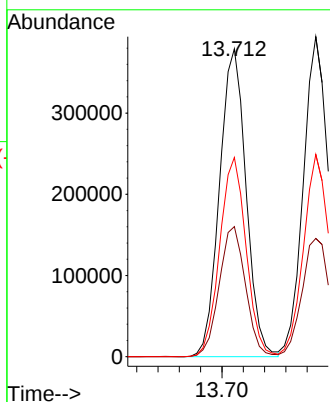
Tgt Ion:146 Resp: 656218

Ion Ratio Lower Upper

146 100

111 41.9 20.3 60.8

148 64.3 32.4 97.2



#88

1,4-Dichlorobenzene

Concen: 86.037 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN087927.D

Acq: 23 Sep 2025 10:36

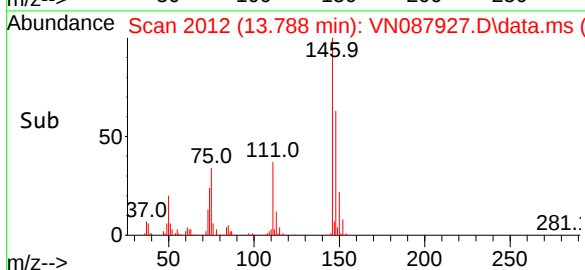
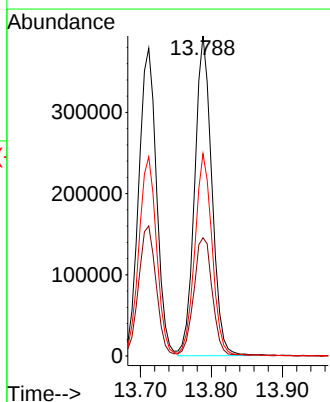
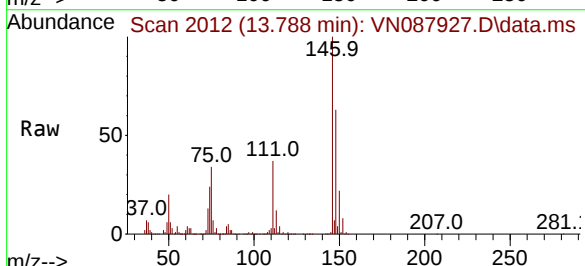
Tgt Ion:146 Resp: 662481

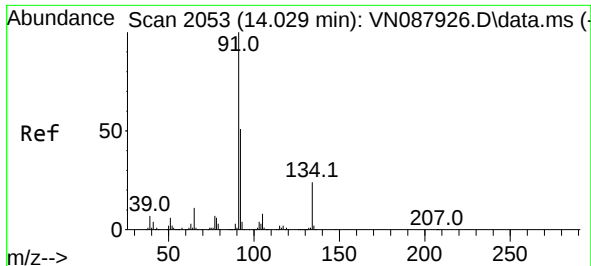
Ion Ratio Lower Upper

146 100

111 40.2 20.5 61.5

148 63.5 32.8 98.4





#89

n-Butylbenzene

Concen: 90.837 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.006 min

Lab File: VN087927.D

Acq: 23 Sep 2025 10:36

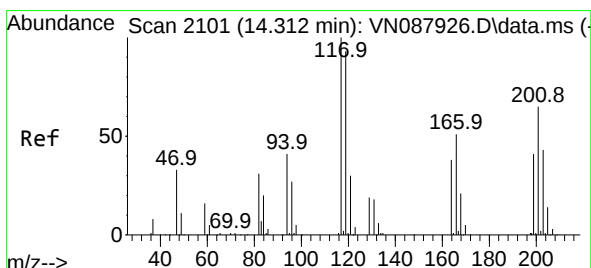
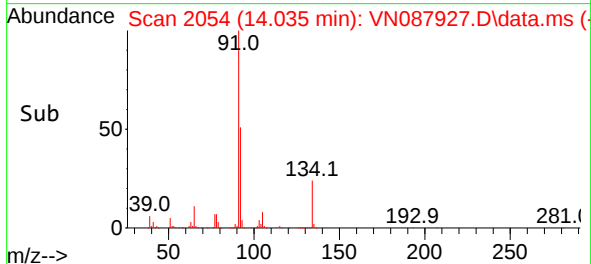
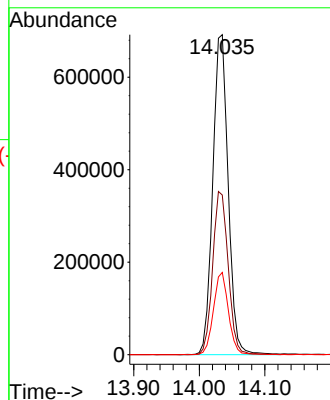
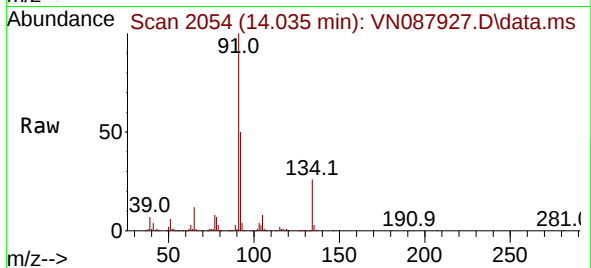
Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 91 Resp: 1126206

Ion	Ratio	Lower	Upper
91	100		
92	51.6	25.9	77.8
134	25.2	12.6	37.8



#90

Hexachloroethane

Concen: 86.459 ug/l

RT: 14.306 min Scan# 2100

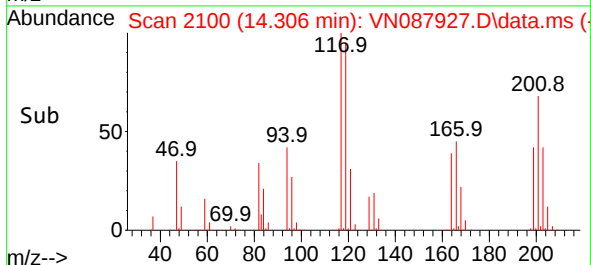
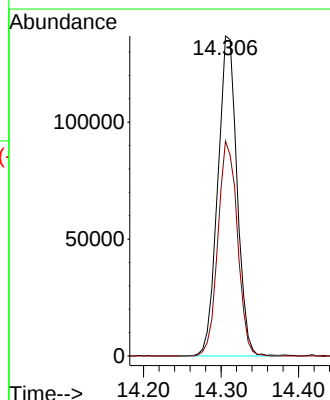
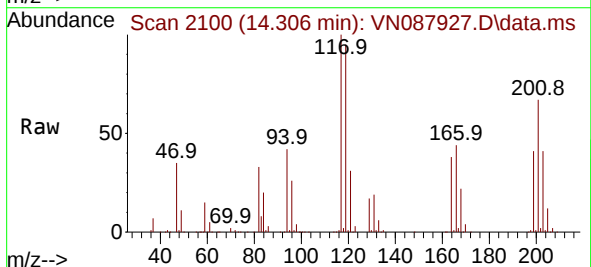
Delta R.T. -0.006 min

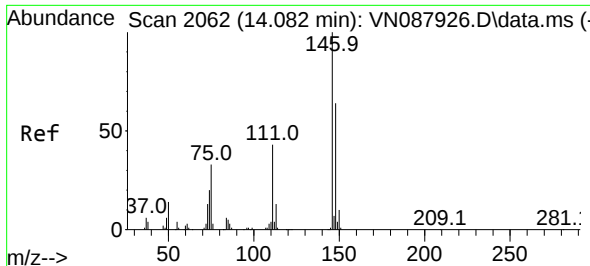
Lab File: VN087927.D

Acq: 23 Sep 2025 10:36

Tgt Ion: 117 Resp: 236932

Ion	Ratio	Lower	Upper
117	100		
201	67.8	33.6	100.6

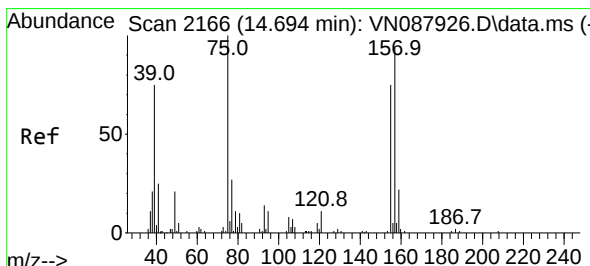
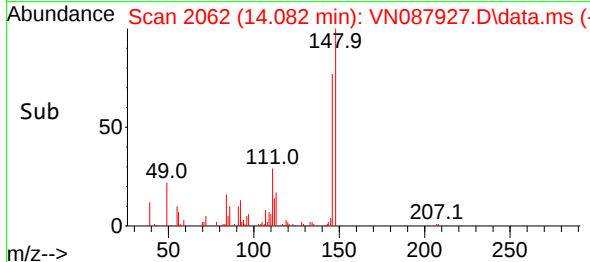
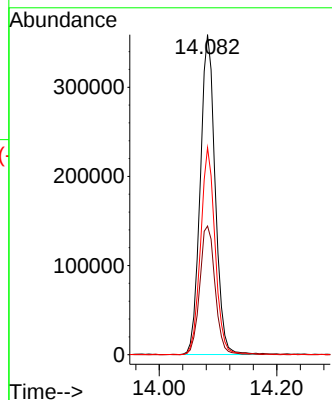
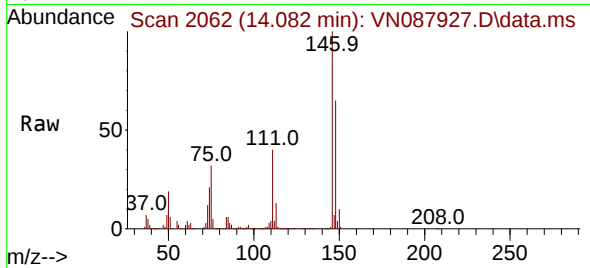




#91
1,2-Dichlorobenzene
Concen: 87.559 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN087927.D
Acq: 23 Sep 2025 10:36

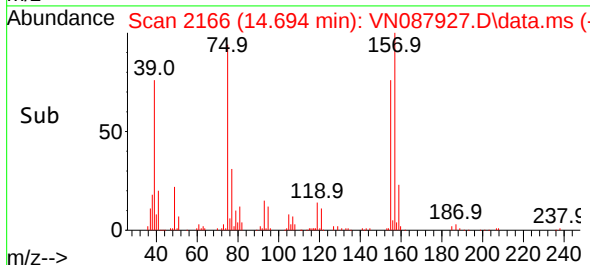
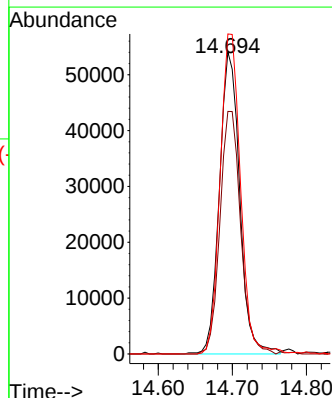
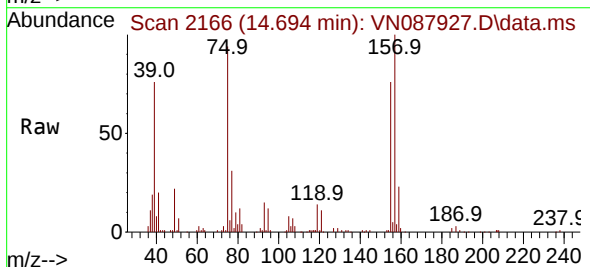
Instrument :
MSVOA_N
ClientSampleId :

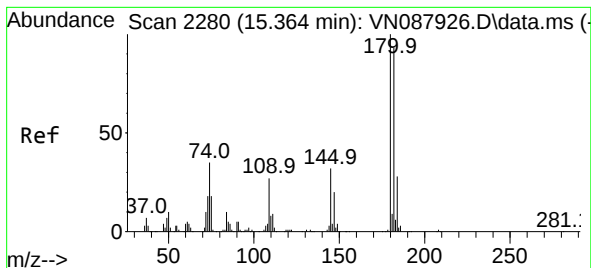
Tgt Ion:146 Resp: 632359
Ion Ratio Lower Upper
146 100
111 41.3 20.9 62.7
148 63.4 31.9 95.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 85.039 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. 0.000 min
Lab File: VN087927.D
Acq: 23 Sep 2025 10:36

Tgt Ion: 75 Resp: 102736
Ion Ratio Lower Upper
75 100
155 81.8 40.2 120.6
157 106.5 50.9 152.7





#93

1,2,4-Trichlorobenzene

Concen: 90.615 ug/l

RT: 15.364 min Scan# 2280

Delta R.T. 0.000 min

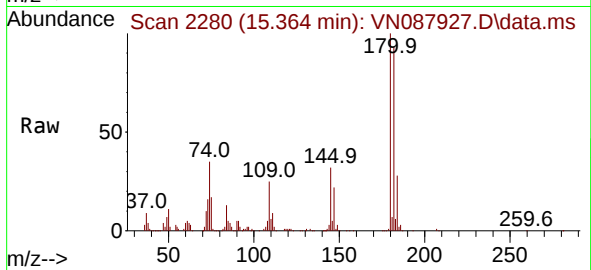
Lab File: VN087927.D

Acq: 23 Sep 2025 10:36

Instrument :

MSVOA_N

ClientSampleId :



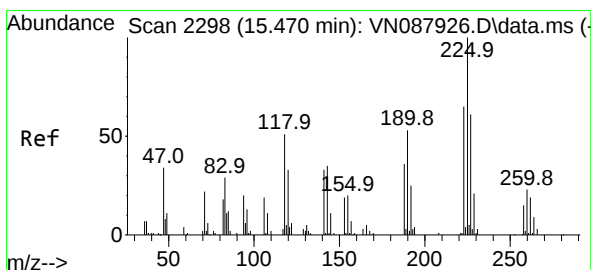
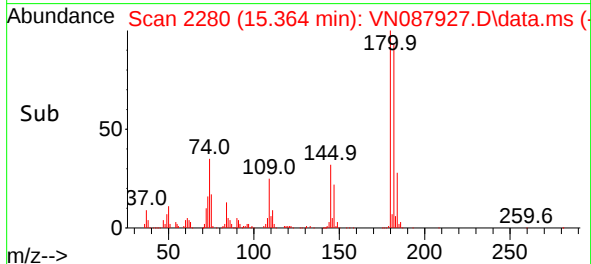
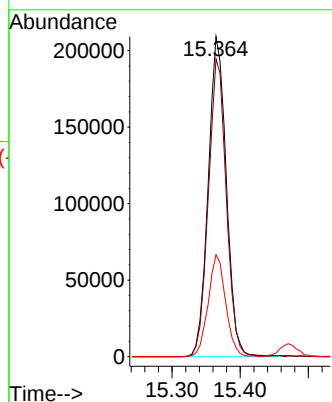
Tgt Ion:180 Resp: 386396

Ion Ratio Lower Upper

180 100

182 92.0 48.5 145.5

145 30.9 15.9 47.6



#94

Hexachlorobutadiene

Concen: 85.390 ug/l

RT: 15.470 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VN087927.D

Acq: 23 Sep 2025 10:36

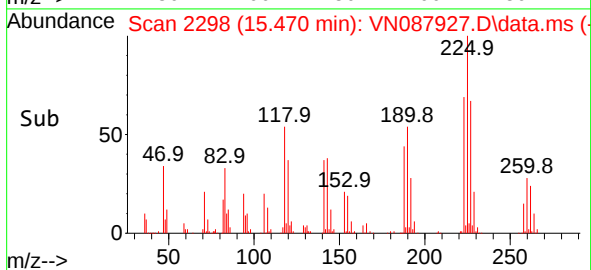
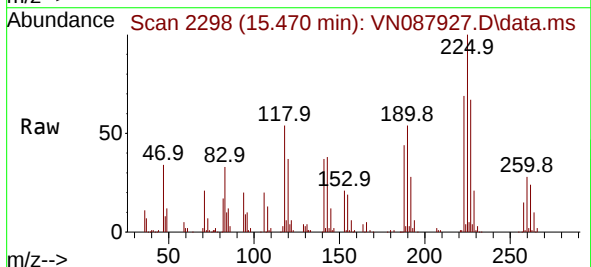
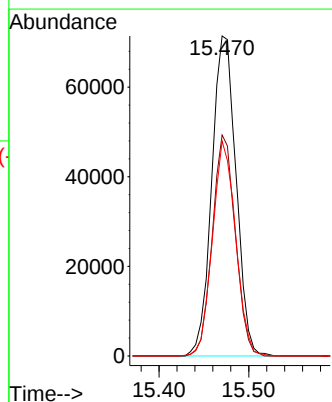
Tgt Ion:225 Resp: 134018

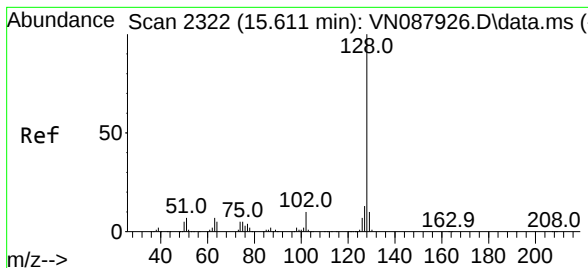
Ion Ratio Lower Upper

225 100

223 65.3 31.8 95.4

227 64.3 31.9 95.9





#95

Naphthalene

Concen: 93.924 ug/l

RT: 15.611 min Scan# 2322

Delta R.T. 0.000 min

Lab File: VN087927.D

Acq: 23 Sep 2025 10:36

Instrument :

MSVOA_N

ClientSampleId :

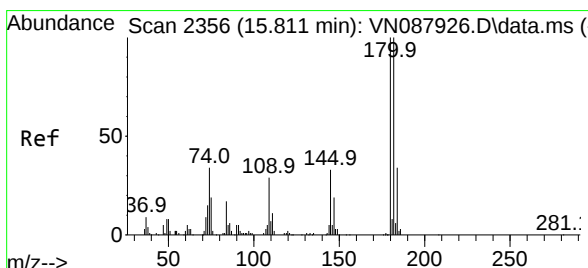
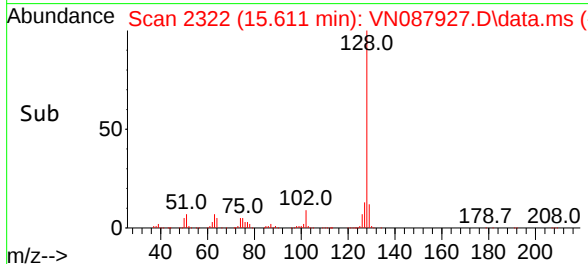
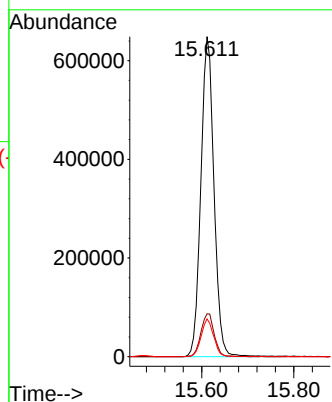
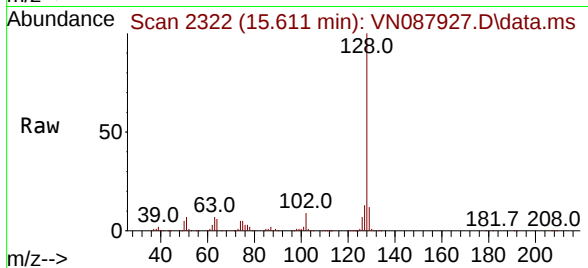
Tgt Ion:128 Resp: 1285628

Ion Ratio Lower Upper

128 100

127 13.6 10.2 15.4

129 11.3 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 89.850 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. 0.000 min

Lab File: VN087927.D

Acq: 23 Sep 2025 10:36

Tgt Ion:180 Resp: 372476

Ion Ratio Lower Upper

180 100

182 94.8 47.3 142.0

145 33.1 16.1 48.3

