

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
 Data File : VN086867.D
 Acq On : 06 Jun 2025 14:49
 Operator : JC\MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Jun 07 01:59:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 01:51:02 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	172832	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	307937	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	278552	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	136630	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	389297	168.233	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	336.460%#
35) Dibromofluoromethane	8.176	113	324474	177.803	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	355.600%#
50) Toluene-d8	10.570	98	1272348	176.120	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	352.240%#
62) 4-Bromofluorobenzene	12.847	95	481421	179.364	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	358.720%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.153	85	262143	152.122	ug/l	100
3) Chloromethane	2.394	50	304558	136.865	ug/l	100
4) Vinyl Chloride	2.553	62	335834	146.303	ug/l	100
5) Bromomethane	2.965	94	190786	148.522	ug/l	98
6) Chloroethane	3.136	64	208568	140.664	ug/l	96
7) Trichlorofluoromethane	3.518	101	427871	142.666	ug/l	100
8) Diethyl Ether	3.983	74	191555	146.593	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.388	101	269810	143.192	ug/l	100
10) Methyl Iodide	4.606	142	352020	144.118	ug/l	99
11) Tert butyl alcohol	5.553	59	430866	686.213	ug/l	100
12) 1,1-Dichloroethene	4.353	96	273388	142.118	ug/l	98
13) Acrolein	4.194	56	171625	863.526	ug/l	99
14) Allyl chloride	5.035	41	490852	153.858	ug/l	92
15) Acrylonitrile	5.735	53	1048372	714.344	ug/l	99
16) Acetone	4.447	43	819041	667.435	ug/l	100
17) Carbon Disulfide	4.730	76	742788	139.594	ug/l	100
18) Methyl Acetate	5.041	43	523996	146.527	ug/l	100
19) Methyl tert-butyl Ether	5.818	73	998781	143.396	ug/l	99
20) Methylene Chloride	5.300	84	311597	135.628	ug/l	99
21) trans-1,2-Dichloroethene	5.806	96	290960	135.947	ug/l	97
22) Diisopropyl ether	6.688	45	947638	140.915	ug/l	98
23) Vinyl Acetate	6.618	43	3932872	692.189	ug/l	99
24) 1,1-Dichloroethane	6.582	63	540881	139.761	ug/l	99
25) 2-Butanone	7.494	43	1381940	692.809	ug/l	99
26) 2,2-Dichloropropane	7.500	77	450112	149.519	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	363398	141.974	ug/l	99
28) Bromochloromethane	7.824	49	290594	152.718	ug/l	98
29) Tetrahydrofuran	7.847	42	898159	691.211	ug/l	98
30) Chloroform	7.976	83	534038	138.179	ug/l	97
31) Cyclohexane	8.265	56	505795	134.766	ug/l	96
32) 1,1,1-Trichloroethane	8.176	97	462854	140.807	ug/l	99
36) 1,1-Dichloropropene	8.376	75	393166	144.584	ug/l	100
37) Ethyl Acetate	7.571	43	494000	142.706	ug/l	99
38) Carbon Tetrachloride	8.371	117	388595	145.557	ug/l	98
39) Methylcyclohexane	9.606	83	544437	146.136	ug/l	97
40) Benzene	8.612	78	1266139	142.388	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	276400	142.174	ug/l	98
42) 1,2-Dichloroethane	8.676	62	381516	141.455	ug/l	100
43) Isopropyl Acetate	8.694	43	780791	140.531	ug/l	99
44) Trichloroethene	9.359	130	302548	143.490	ug/l	96
45) 1,2-Dichloropropane	9.623	63	309047	142.856	ug/l	100
46) Dibromomethane	9.712	93	208461	145.074	ug/l	100
47) Bromodichloromethane	9.894	83	430011	145.449	ug/l	100
48) Methyl methacrylate	9.688	41	366967	143.502	ug/l	99
49) 1,4-Dioxane	9.712	88	138035	2967.116	ug/l #	100
51) 4-Methyl-2-Pentanone	10.447	43	2438311	728.995	ug/l	98
52) Toluene	10.635	92	793270	145.976	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	489809	148.163	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	518092	146.469	ug/l	99
55) 1,1,2-Trichloroethane	11.017	97	298151	142.588	ug/l	99
56) Ethyl methacrylate	10.876	69	533912	160.311	ug/l	98
57) 1,3-Dichloropropane	11.165	76	516391	142.363	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	1869543	941.147	ug/l	99
59) 2-Hexanone	11.200	43	1735777	805.662	ug/l	99
60) Dibromochloromethane	11.365	129	322064	147.832	ug/l	98
61) 1,2-Dibromoethane	11.470	107	314606	146.790	ug/l	99
64) Tetrachloroethene	11.106	164	245122	139.048	ug/l	97
65) Chlorobenzene	11.894	112	860345	140.041	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	282739	143.171	ug/l	99
67) Ethyl Benzene	11.964	91	1517883	143.438	ug/l	98
68) m/p-Xylenes	12.070	106	1175378	290.155	ug/l	99
69) o-Xylene	12.400	106	566301	145.966	ug/l	100
70) Styrene	12.411	104	972318	146.459	ug/l	100
71) Bromoform	12.582	173	223200	152.538	ug/l #	99
73) Isopropylbenzene	12.694	105	1453651	146.042	ug/l	100
74) N-amyl acetate	12.500	43	543747	164.596	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	474426	140.693	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	644184	197.732	ug/l	71
77) Bromobenzene	12.982	156	335734	147.077	ug/l	98
78) n-propylbenzene	13.035	91	1769694	146.301	ug/l	99
79) 2-Chlorotoluene	13.123	91	1046916	144.317	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	1210325	147.279	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	216253	153.277	ug/l	95
82) 4-Chlorotoluene	13.223	91	1063581	144.900	ug/l	100
83) tert-Butylbenzene	13.435	119	1093406	145.352	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	1216529	147.626	ug/l	100
85) sec-Butylbenzene	13.617	105	1582762	144.885	ug/l	99
86) p-Isopropyltoluene	13.729	119	1322780	146.482	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	641966	142.939	ug/l	100
88) 1,4-Dichlorobenzene	13.811	146	646188	141.124	ug/l	99
89) n-Butylbenzene	14.053	91	1251819	143.117	ug/l	100
90) Hexachloroethane	14.335	117	230195	150.387	ug/l	98
91) 1,2-Dichlorobenzene	14.105	146	613177	142.108	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	110677	137.242	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	407621	147.940	ug/l	99
94) Hexachlorobutadiene	15.500	225	151172	147.264	ug/l	98
95) Naphthalene	15.641	128	1545981	150.743	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	404450	147.743	ug/l	99

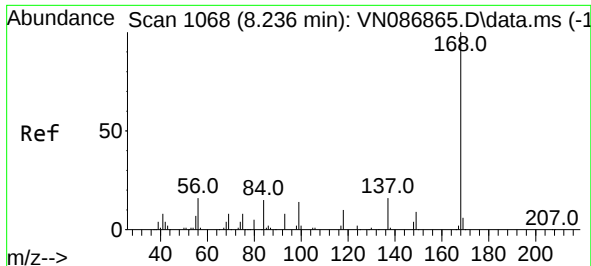
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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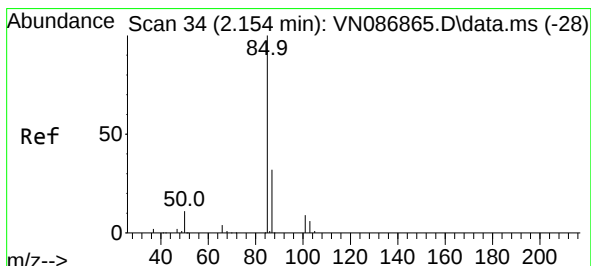
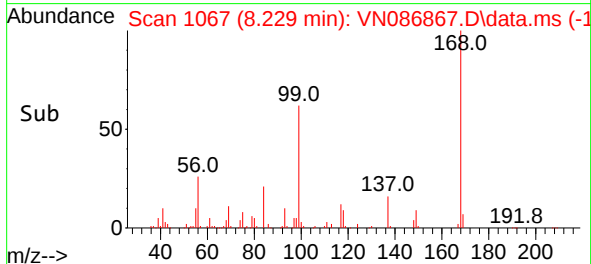
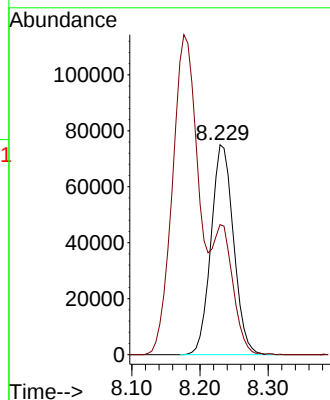
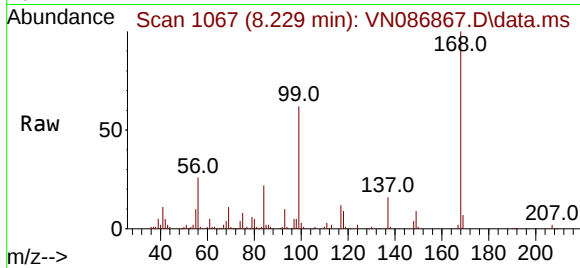
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1068
Delta R.T. -0.007 min
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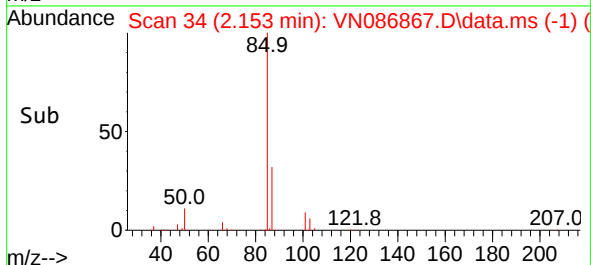
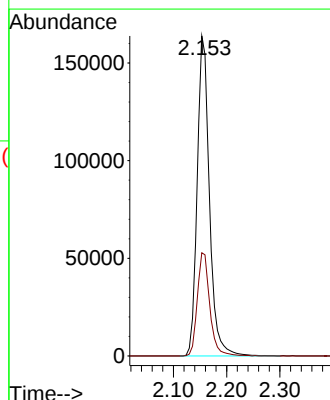
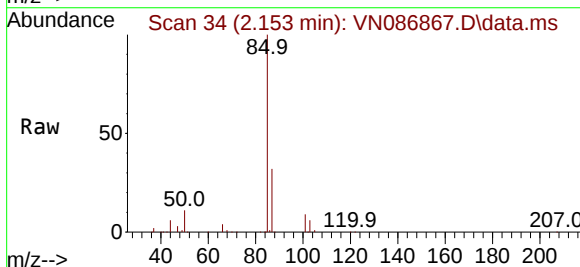
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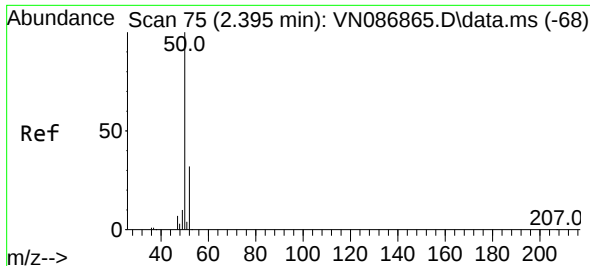
Tgt Ion:168 Resp: 172832
Ion Ratio Lower Upper
168 100
99 61.8 49.1 73.7



#2
Dichlorodifluoromethane
Concen: 152.122 ug/l
RT: 2.153 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 85 Resp: 262143
Ion Ratio Lower Upper
85 100
87 32.3 16.2 48.6

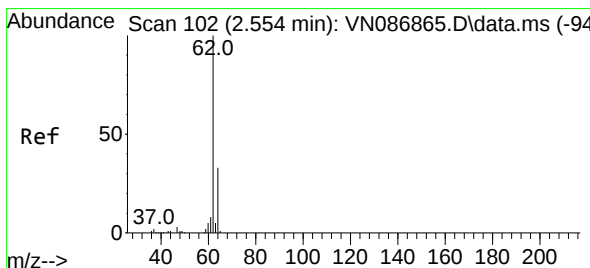
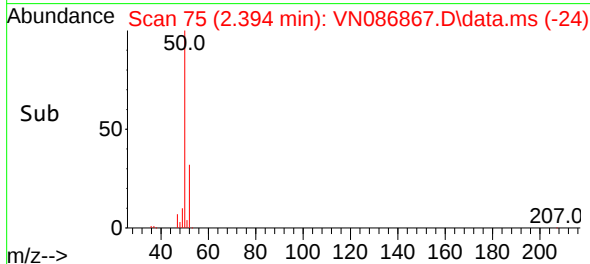
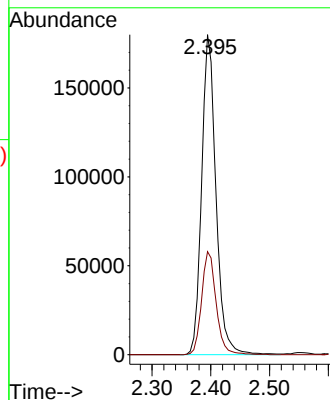
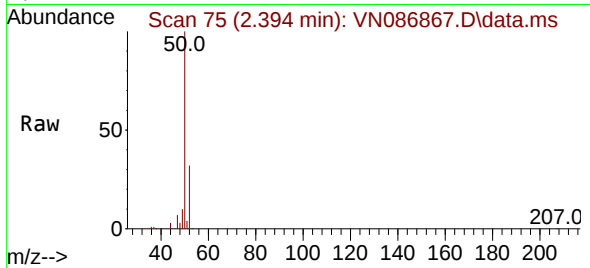




#3
Chloromethane
Concen: 136.865 ug/l
RT: 2.394 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

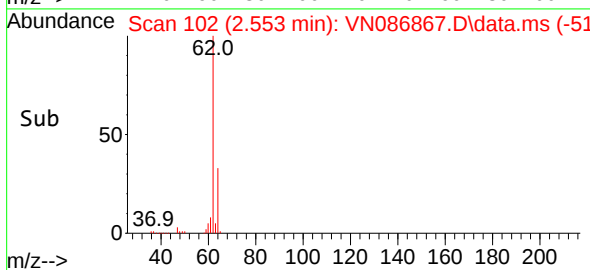
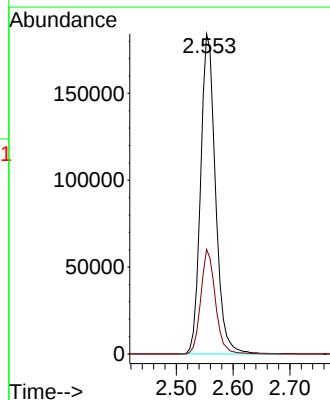
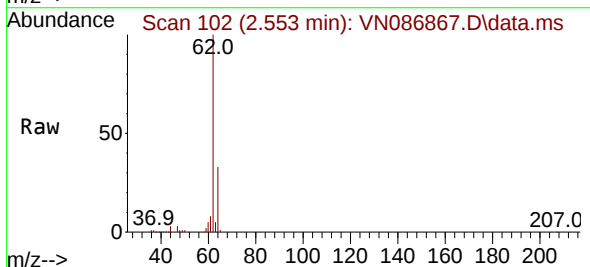
Instrument :
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ClientSampleId :
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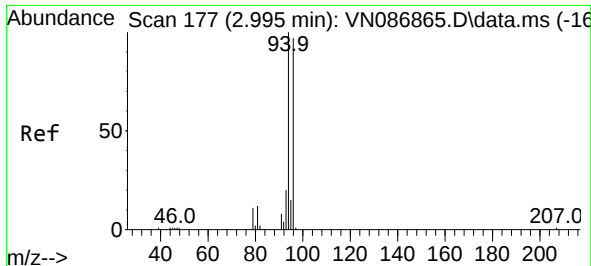
Tgt Ion: 50 Resp: 304558
Ion Ratio Lower Upper
50 100
52 32.2 25.7 38.5



#4
Vinyl Chloride
Concen: 146.303 ug/l
RT: 2.553 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 62 Resp: 335834
Ion Ratio Lower Upper
62 100
64 32.6 26.0 39.0

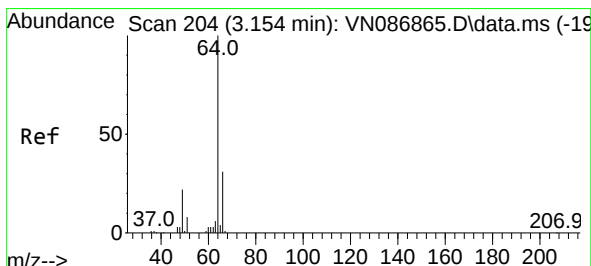
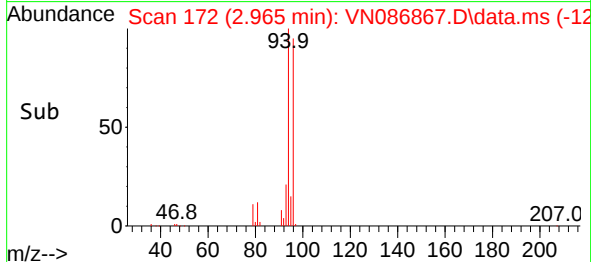
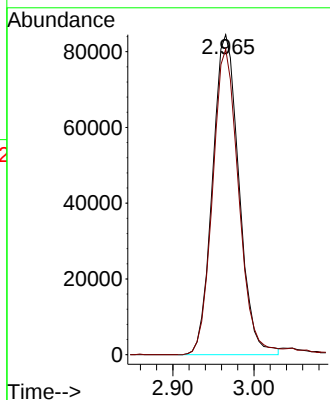
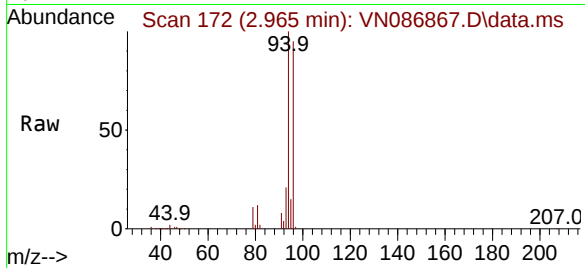




#5
Bromomethane
Concen: 148.522 ug/l
RT: 2.965 min Scan# 11
Delta R.T. -0.030 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

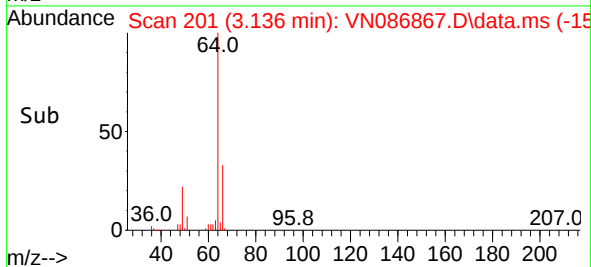
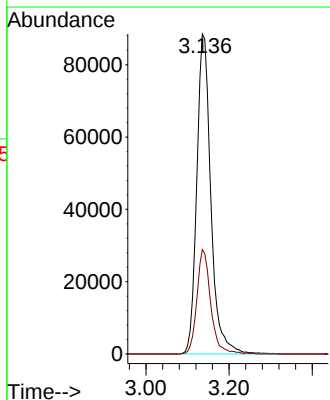
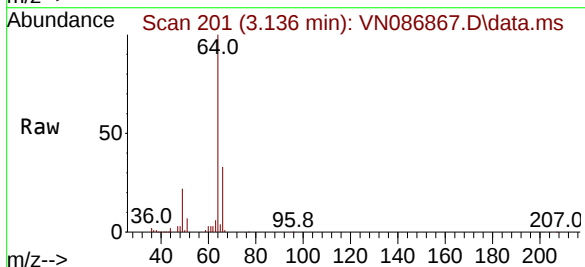
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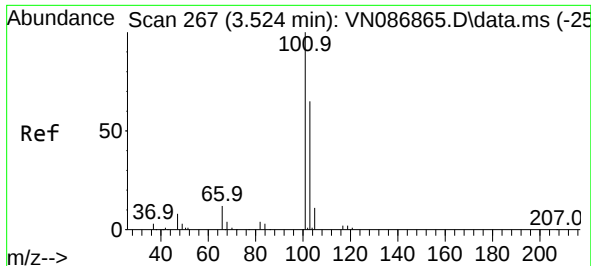
Tgt Ion: 94 Resp: 190786
Ion Ratio Lower Upper
94 100
96 95.5 77.9 116.9



#6
Chloroethane
Concen: 140.664 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.018 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 64 Resp: 208568
Ion Ratio Lower Upper
64 100
66 32.7 24.6 36.8

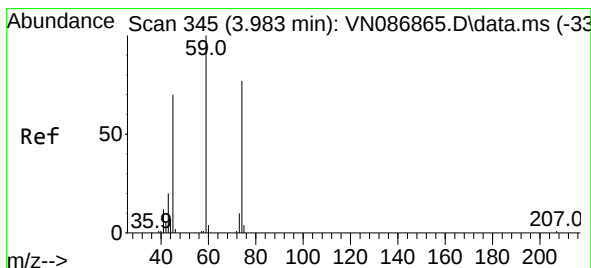
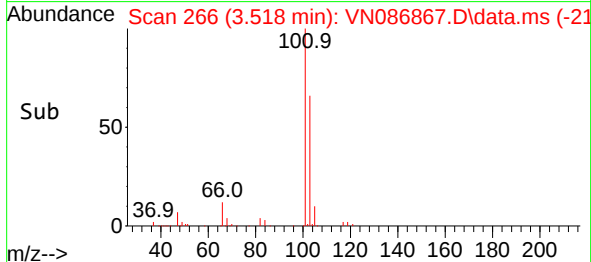
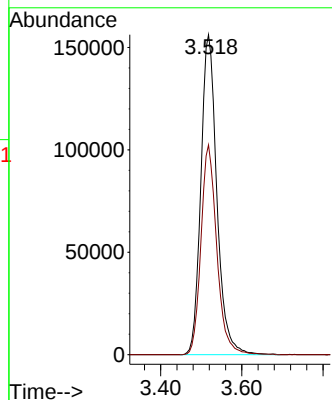
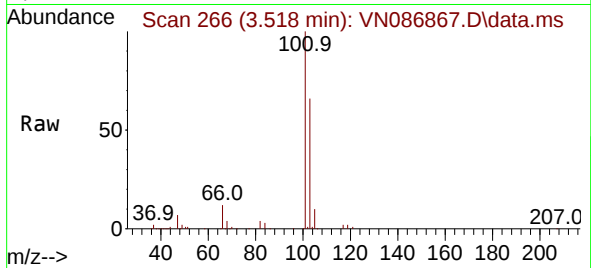




#7
Trichlorofluoromethane
Concen: 142.666 ug/l
RT: 3.518 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN086867.D
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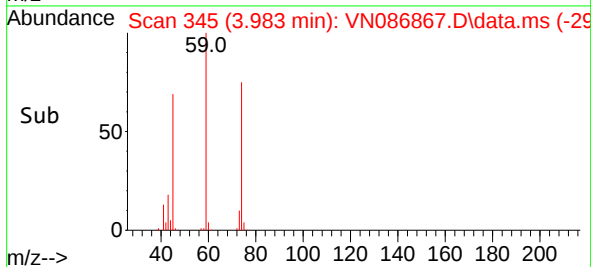
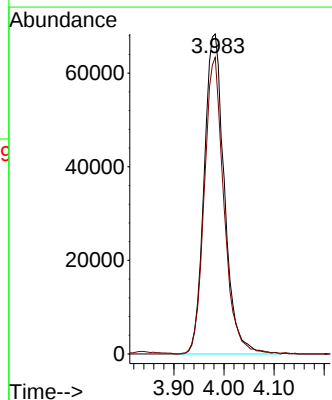
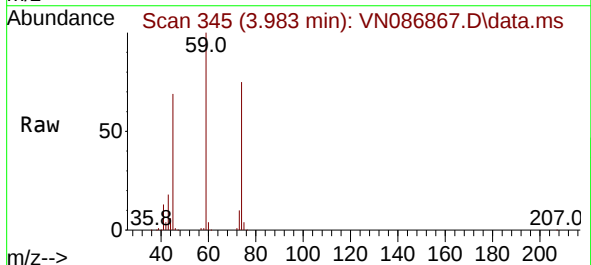
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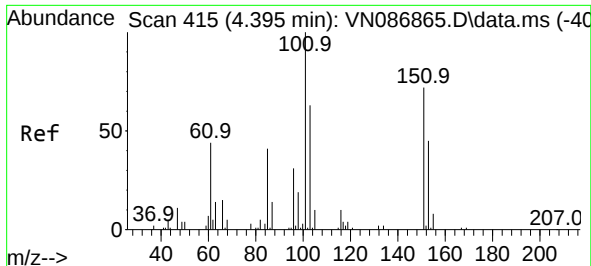
Tgt Ion:101 Resp: 427871
Ion Ratio Lower Upper
101 100
103 65.5 52.2 78.2



#8
Diethyl Ether
Concen: 146.593 ug/l
RT: 3.983 min Scan# 345
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 74 Resp: 191555
Ion Ratio Lower Upper
74 100
45 90.3 45.5 136.5

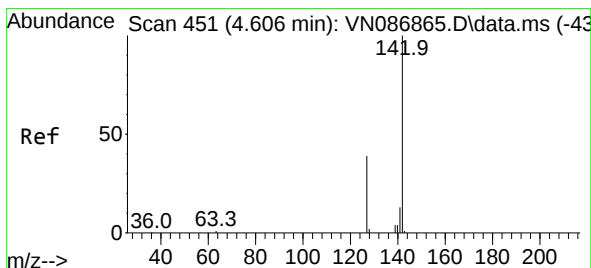
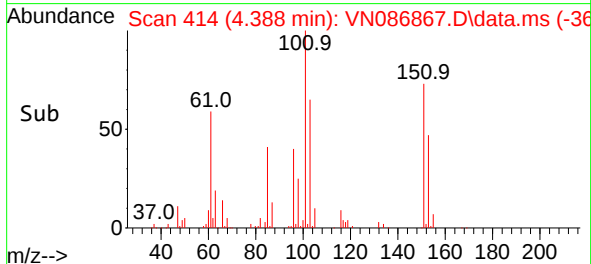
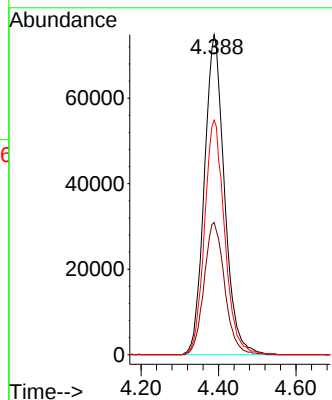
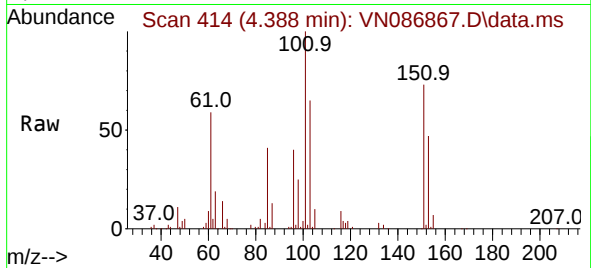




#9
1,1,2-Trichlorotrifluoroethane
Concen: 143.192 ug/l
RT: 4.388 min Scan# 415
Delta R.T. -0.006 min
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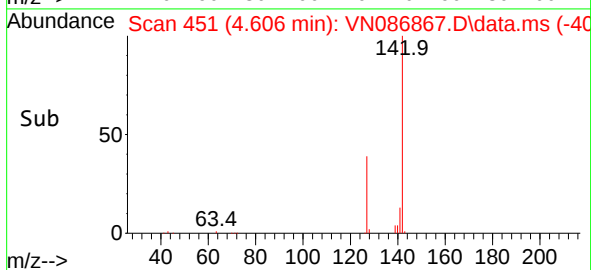
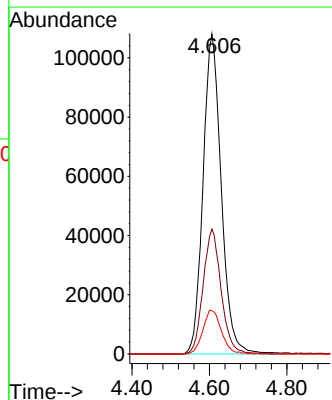
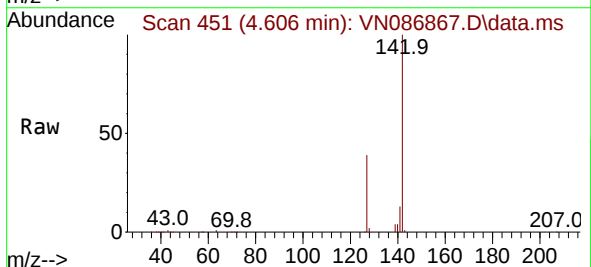
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

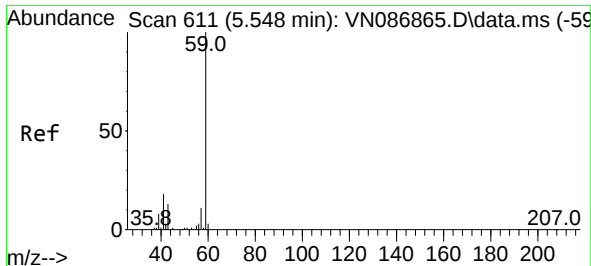
Tgt Ion:101 Resp: 269810
Ion Ratio Lower Upper
101 100
85 42.3 33.8 50.8
151 73.5 58.7 88.1



#10
Methyl Iodide
Concen: 144.118 ug/l
RT: 4.606 min Scan# 451
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion:142 Resp: 352020
Ion Ratio Lower Upper
142 100
127 39.1 30.9 46.3
141 13.5 10.4 15.6

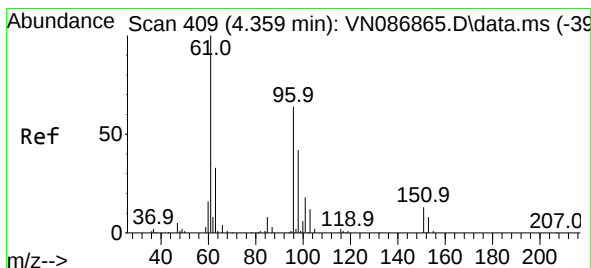
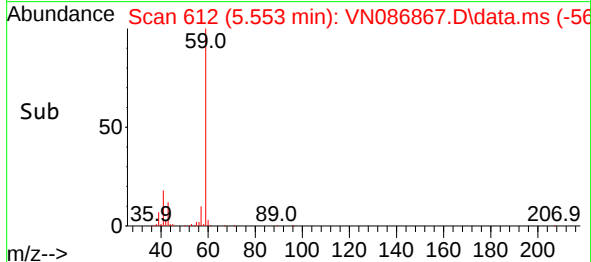
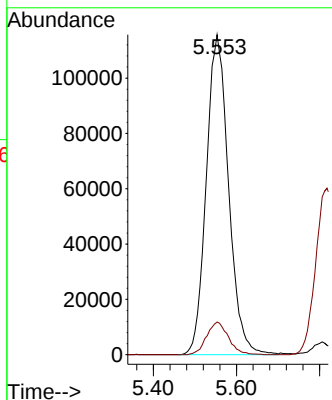
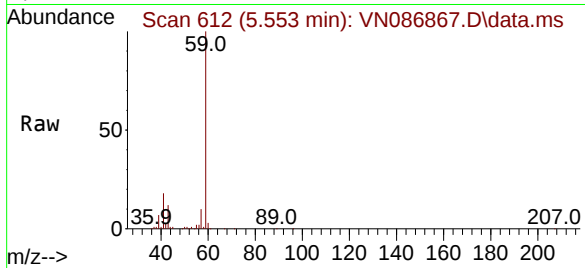




#11
Tert butyl alcohol
Concen: 686.213 ug/l
RT: 5.553 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

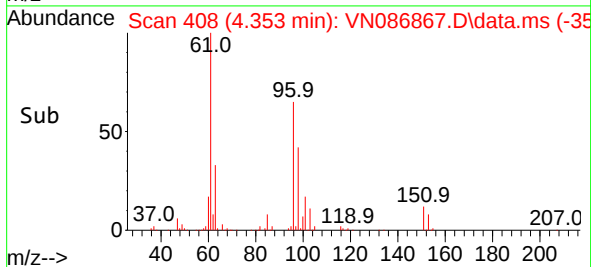
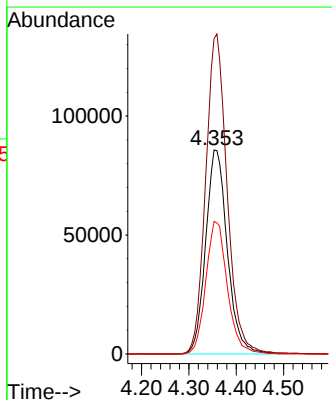
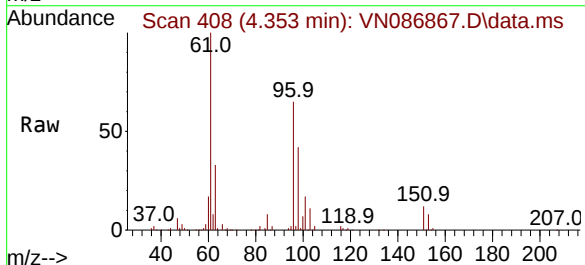
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

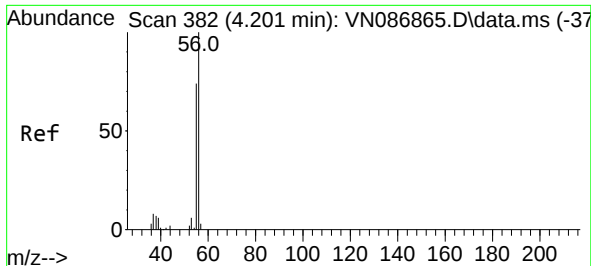
Tgt Ion: 59 Resp: 430866
Ion Ratio Lower Upper
59 100
57 9.9 8.1 12.1



#12
1,1-Dichloroethene
Concen: 142.118 ug/l
RT: 4.353 min Scan# 408
Delta R.T. -0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 96 Resp: 273388
Ion Ratio Lower Upper
96 100
61 154.5 125.8 188.6
98 64.9 52.5 78.7





#13

Acrolein

Concen: 863.526 ug/l

RT: 4.194 min Scan# 381

Delta R.T. -0.006 min

Lab File: VN086867.D

Acq: 06 Jun 2025 14:49

Instrument :

MSVOA_N

ClientSampleId :

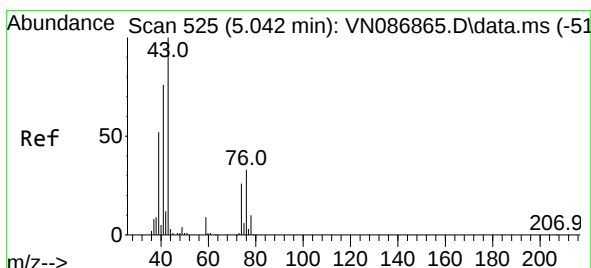
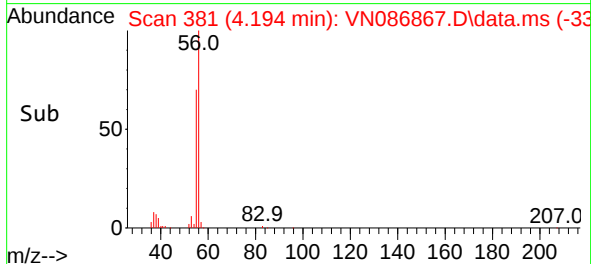
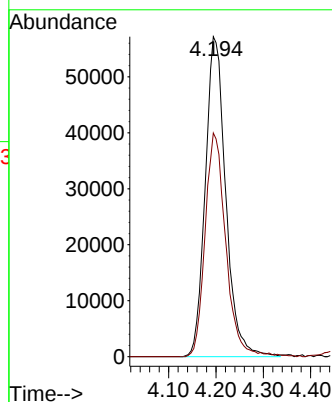
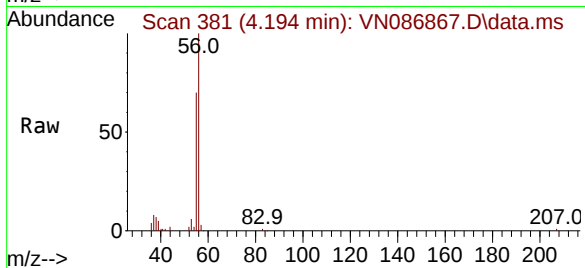
VSTDIC150

Tgt Ion: 56 Resp: 171625

Ion Ratio Lower Upper

56 100

55 70.4 55.6 83.4



#14

Allyl chloride

Concen: 153.858 ug/l

RT: 5.035 min Scan# 524

Delta R.T. -0.006 min

Lab File: VN086867.D

Acq: 06 Jun 2025 14:49

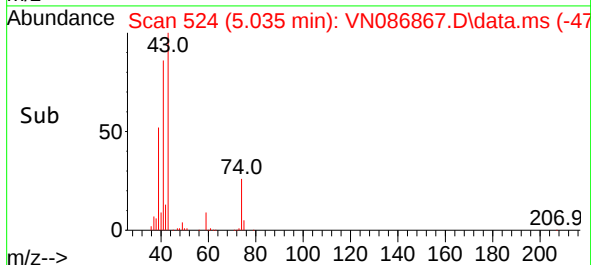
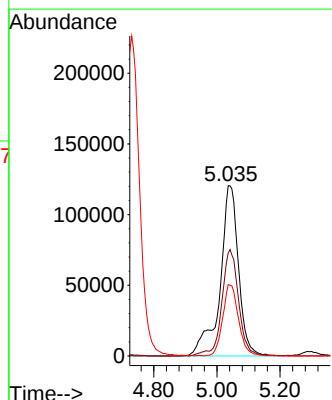
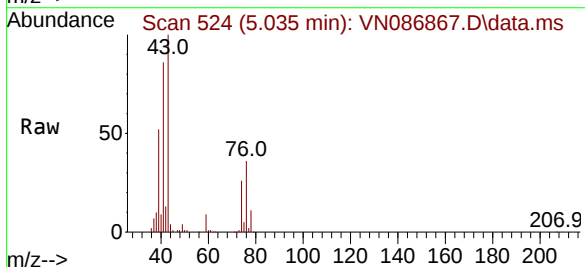
Tgt Ion: 41 Resp: 490852

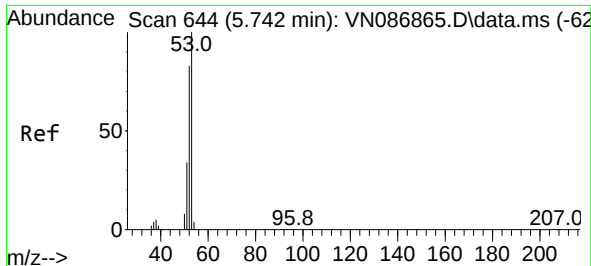
Ion Ratio Lower Upper

41 100

39 56.4 51.3 76.9

76 35.7 31.4 47.0



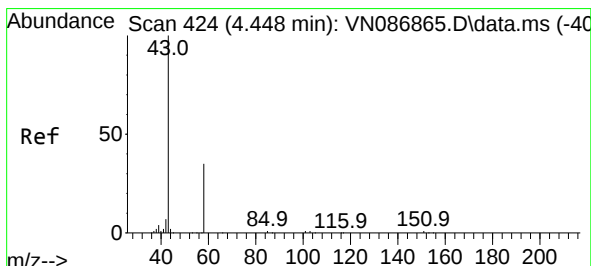
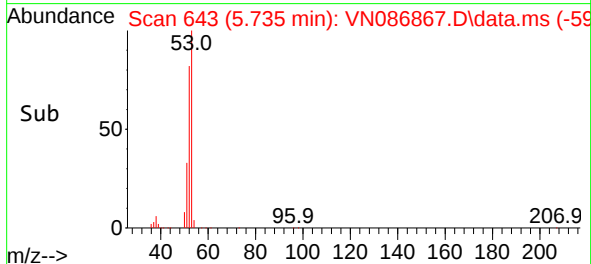
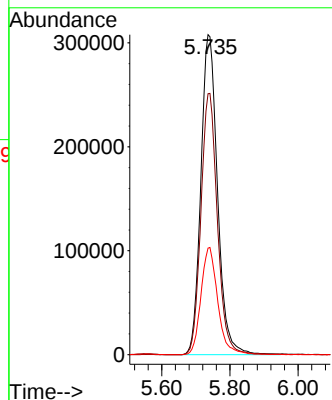
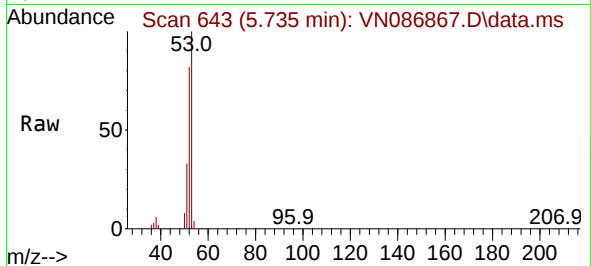


#15
Acrylonitrile
Concen: 714.344 ug/l
RT: 5.735 min Scan# 644
Delta R.T. -0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 53 Resp: 1048372

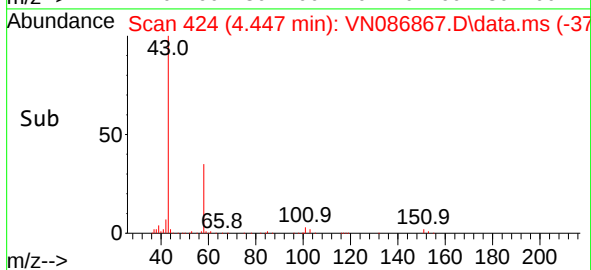
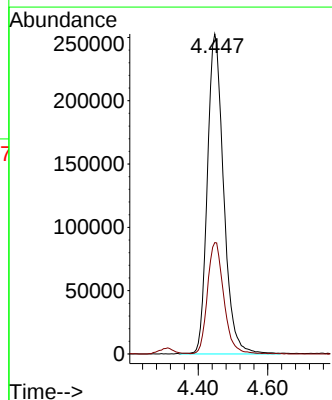
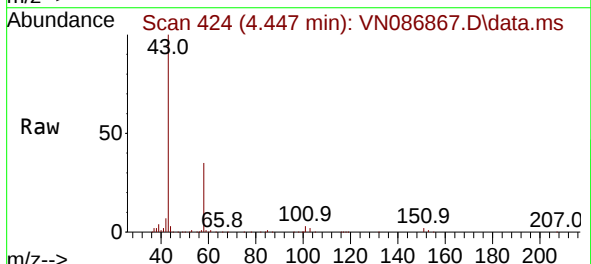
Ion	Ratio	Lower	Upper
53	100		
52	80.7	65.0	97.6
51	33.8	27.2	40.8

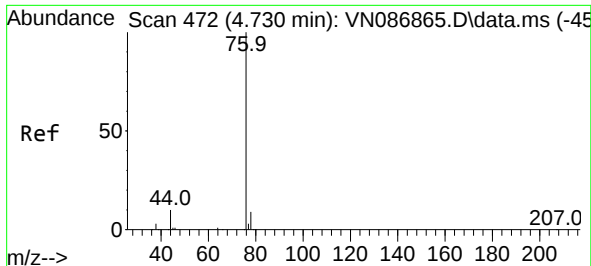


#16
Acetone
Concen: 667.435 ug/l
RT: 4.447 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 43 Resp: 819041

Ion	Ratio	Lower	Upper
43	100		
58	34.7	28.0	42.0

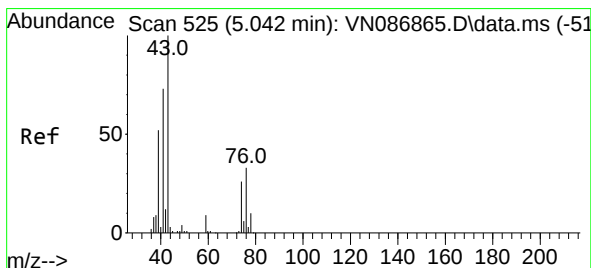
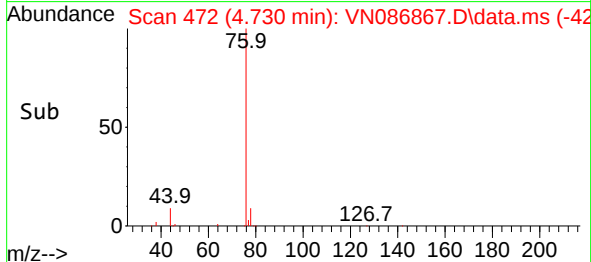
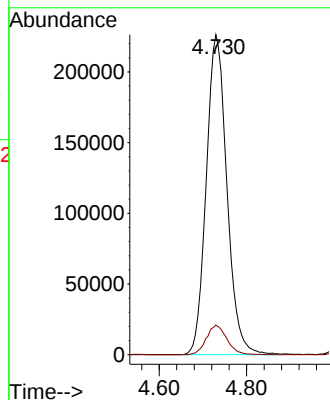
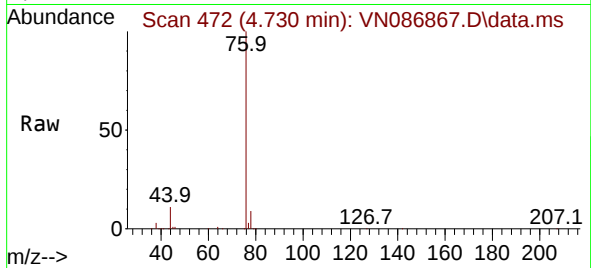




#17
Carbon Disulfide
Concen: 139.594 ug/l
RT: 4.730 min Scan# 472
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

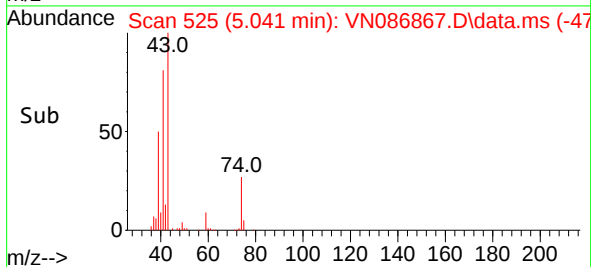
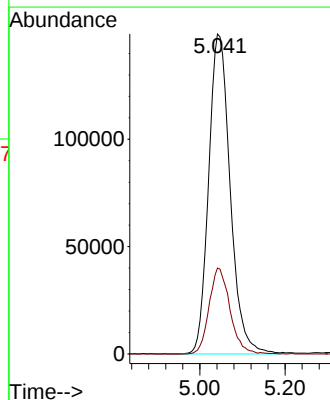
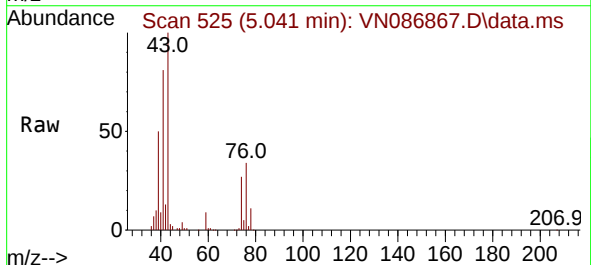
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

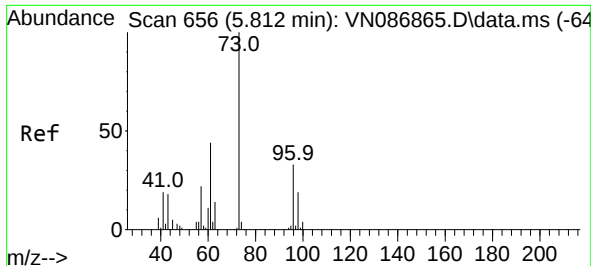
Tgt Ion: 76 Resp: 742788
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



#18
Methyl Acetate
Concen: 146.527 ug/l
RT: 5.041 min Scan# 525
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 43 Resp: 523996
Ion Ratio Lower Upper
43 100
74 26.1 20.7 31.1

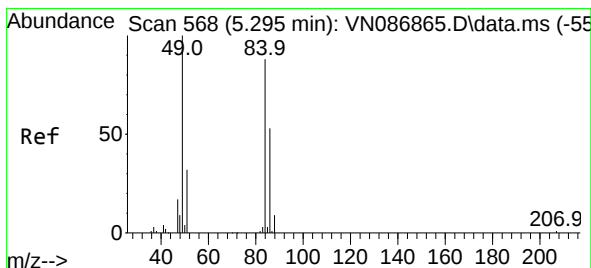
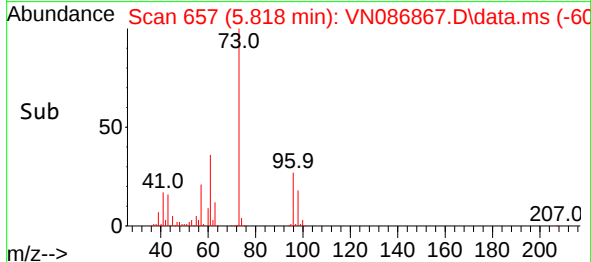
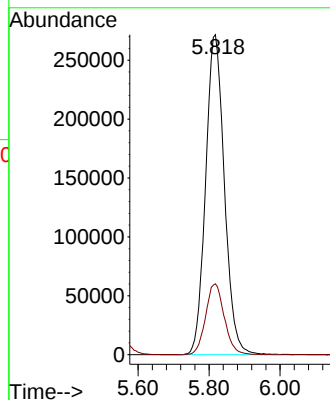
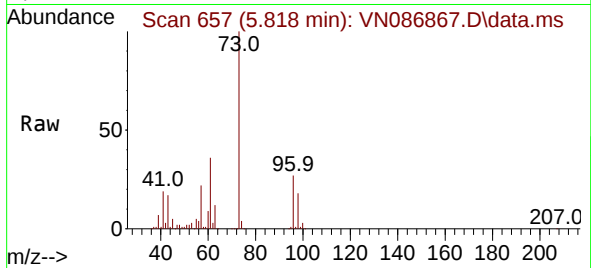




#19
Methyl tert-butyl Ether
Concen: 143.396 ug/l
RT: 5.818 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

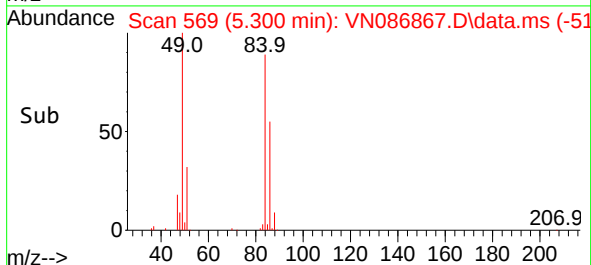
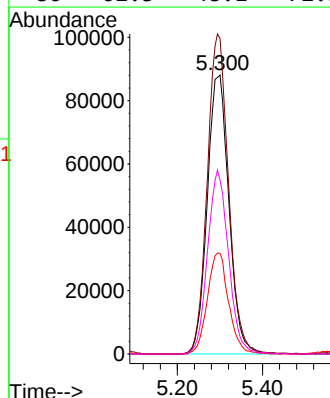
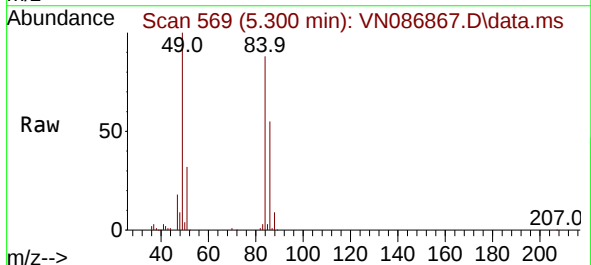
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

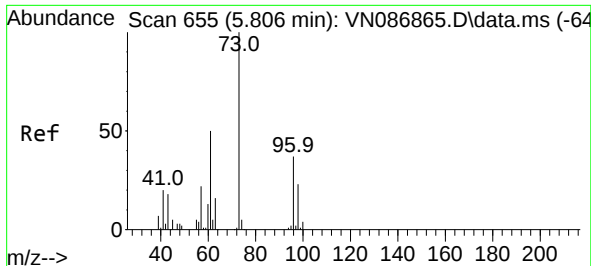
Tgt Ion: 73 Resp: 998781
Ion Ratio Lower Upper
73 100
57 22.2 17.4 26.2



#20
Methylene Chloride
Concen: 135.628 ug/l
RT: 5.300 min Scan# 569
Delta R.T. 0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 84 Resp: 311597
Ion Ratio Lower Upper
84 100
49 113.0 90.5 135.7
51 36.1 28.5 42.7
86 62.3 48.1 72.1

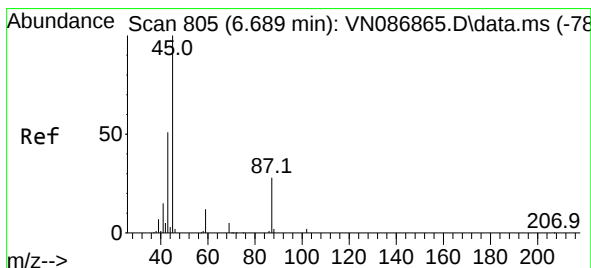
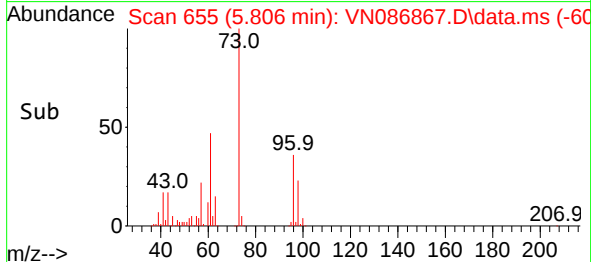
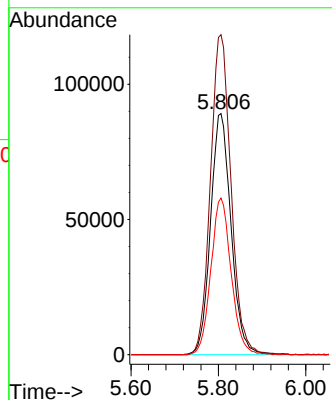
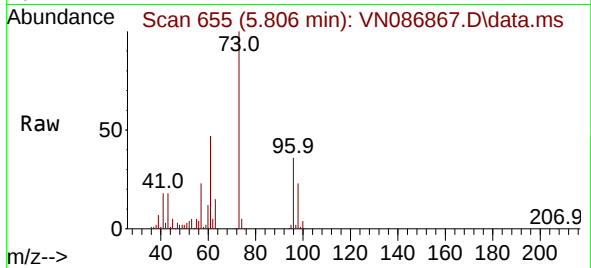




#21
trans-1,2-Dichloroethene
Concen: 135.947 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

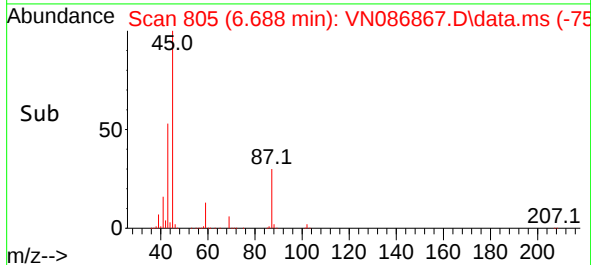
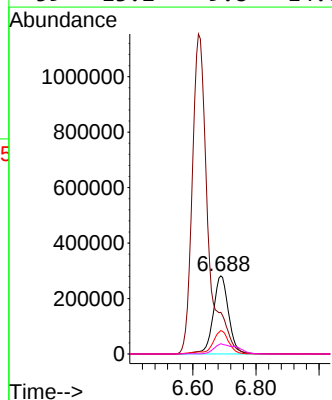
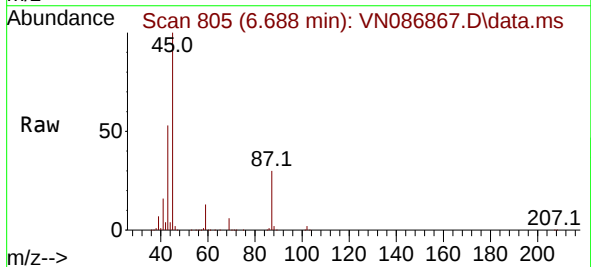
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

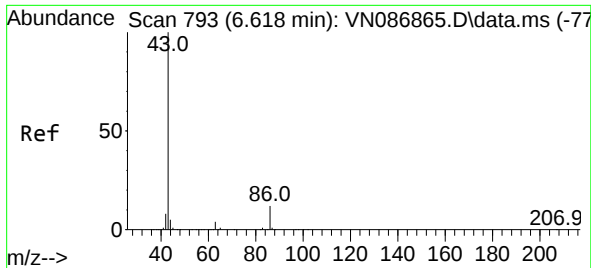
Tgt Ion: 96 Resp: 290960
Ion Ratio Lower Upper
96 100
61 132.7 109.2 163.8
98 65.0 49.8 74.8



#22
Diisopropyl ether
Concen: 140.915 ug/l
RT: 6.688 min Scan# 805
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 45 Resp: 947638
Ion Ratio Lower Upper
45 100
43 53.1 41.9 62.9
87 29.9 22.4 33.6
59 13.2 9.8 14.6

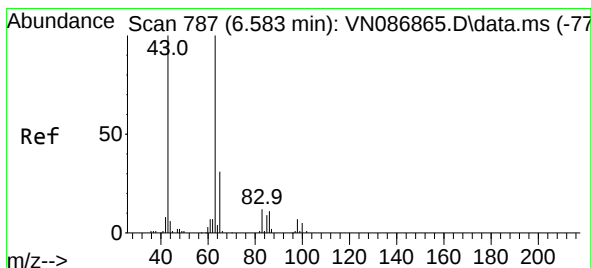
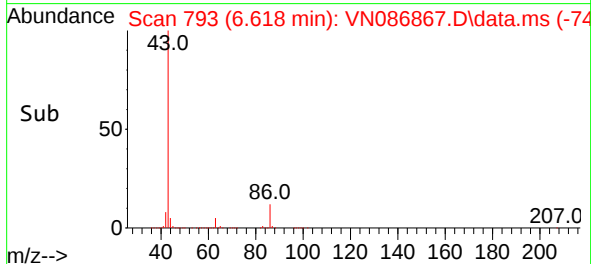
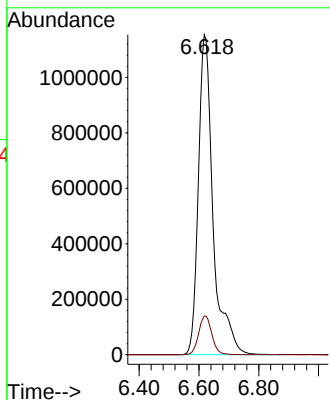
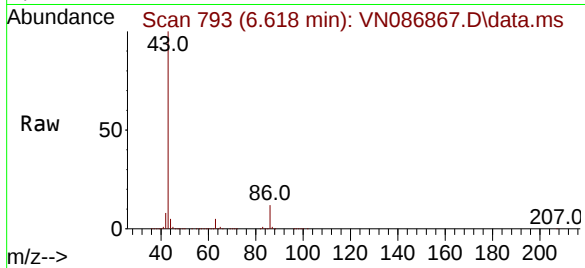




#23
 Vinyl Acetate
 Concen: 692.189 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN086867.D
 Acq: 06 Jun 2025 14:49

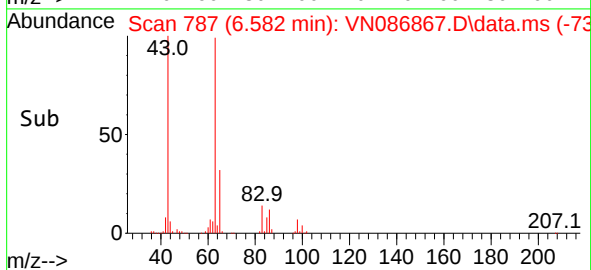
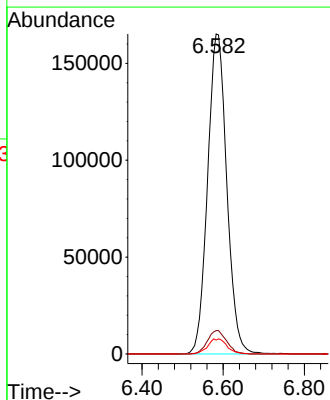
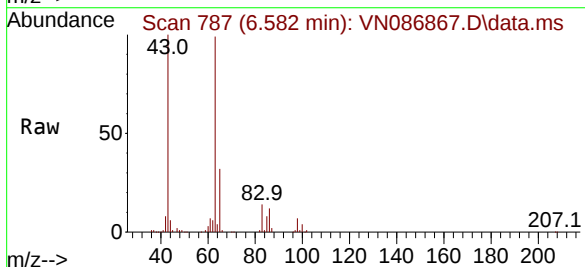
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

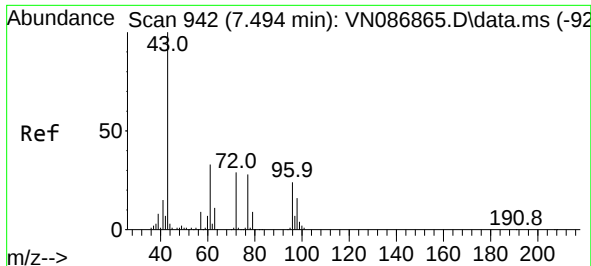
Tgt Ion: 43 Resp: 3932872
 Ion Ratio Lower Upper
 43 100
 86 12.1 9.5 14.3



#24
 1,1-Dichloroethane
 Concen: 139.761 ug/l
 RT: 6.582 min Scan# 787
 Delta R.T. -0.000 min
 Lab File: VN086867.D
 Acq: 06 Jun 2025 14:49

Tgt Ion: 63 Resp: 540881
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.8
 100 4.4 2.6 7.8

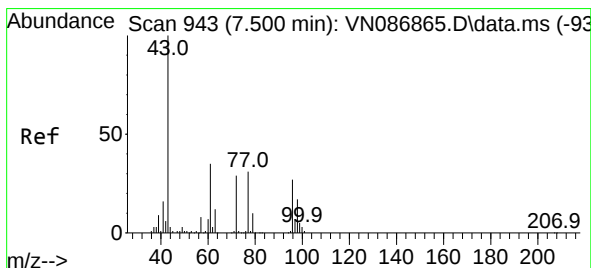
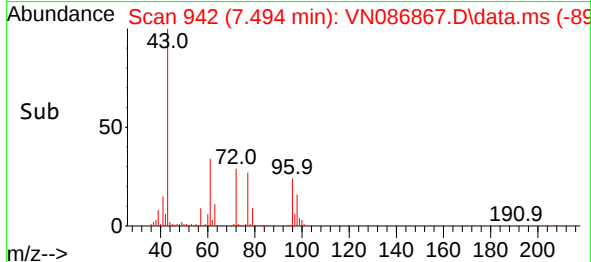
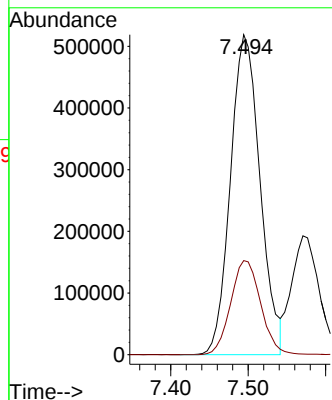
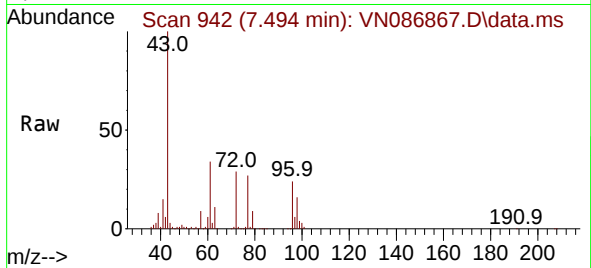




#25
2-Butanone
Concen: 692.809 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

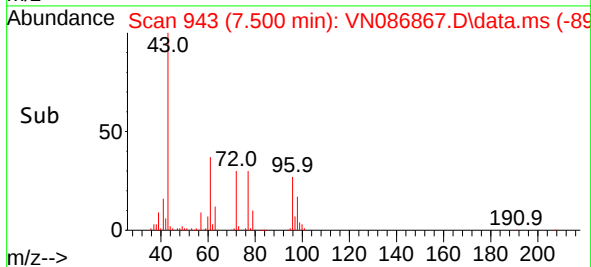
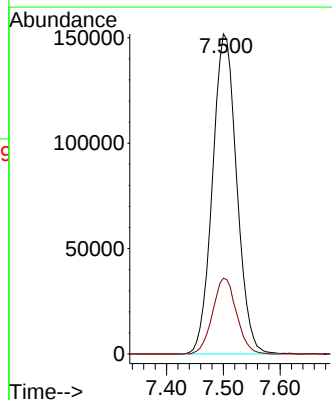
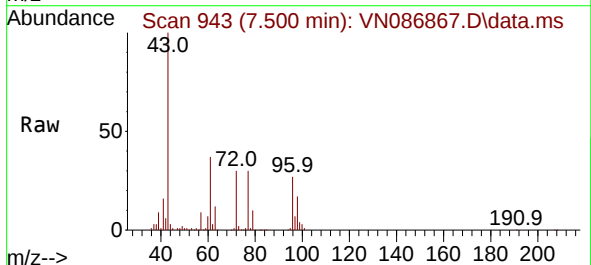
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

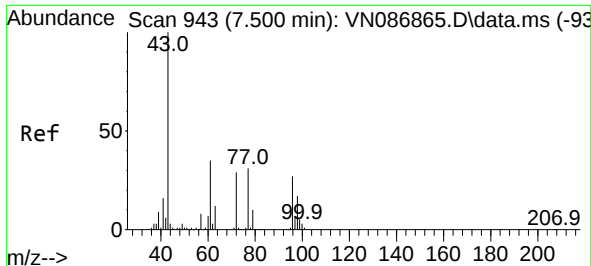
Tgt Ion: 43 Resp: 1381940
Ion Ratio Lower Upper
43 100
72 29.4 23.0 34.6



#26
2,2-Dichloropropane
Concen: 149.519 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 77 Resp: 450112
Ion Ratio Lower Upper
77 100
97 23.4 11.6 34.7

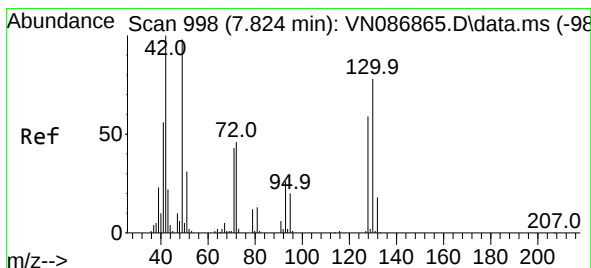
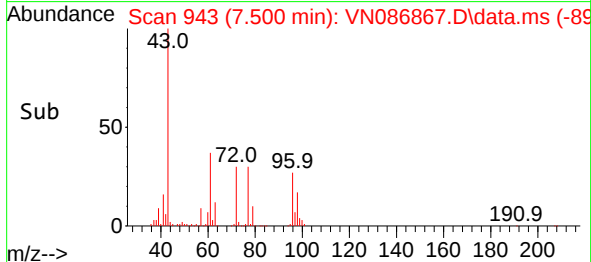
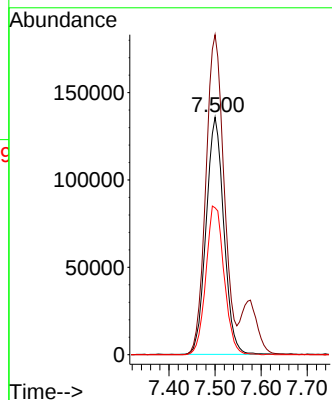
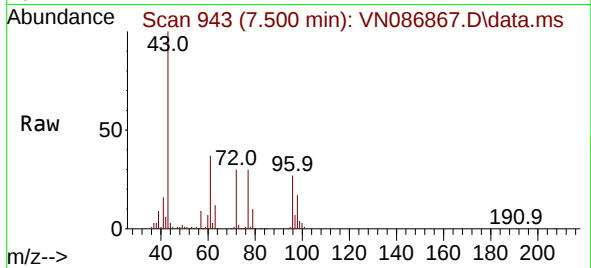




#27
 cis-1,2-Dichloroethene
 Concen: 141.974 ug/l
 RT: 7.500 min Scan# 943
 Delta R.T. -0.000 min
 Lab File: VN086867.D
 Acq: 06 Jun 2025 14:49

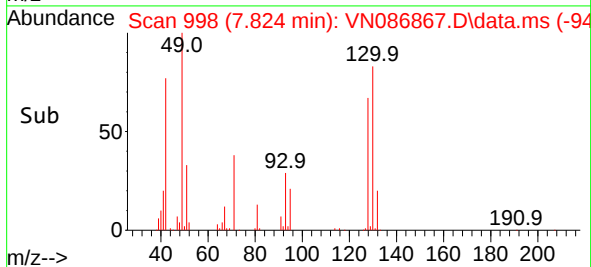
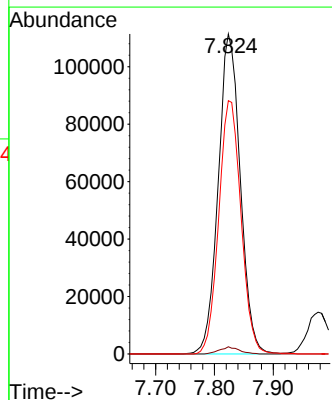
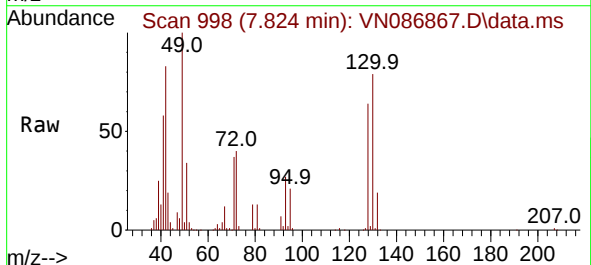
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

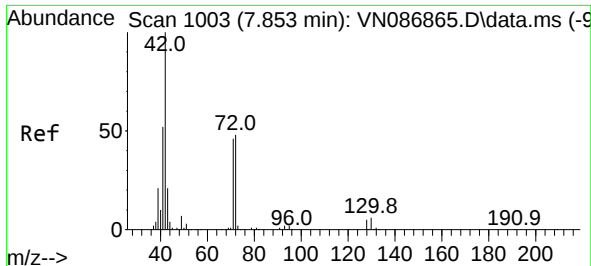
Tgt Ion: 96 Resp: 363398
 Ion Ratio Lower Upper
 96 100
 61 138.0 0.0 278.0
 98 64.5 0.0 128.2



#28
 Bromochloromethane
 Concen: 152.718 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. -0.000 min
 Lab File: VN086867.D
 Acq: 06 Jun 2025 14:49

Tgt Ion: 49 Resp: 290594
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 79.8 62.2 93.2

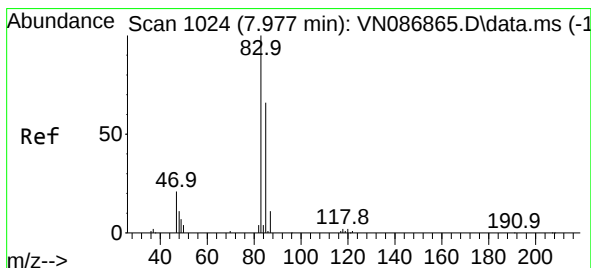
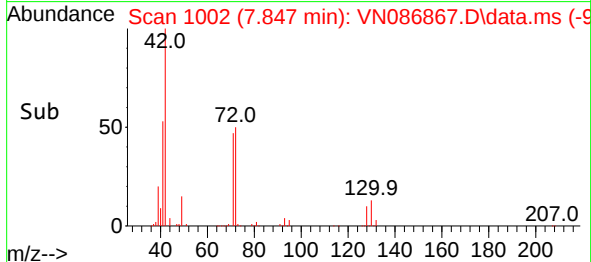
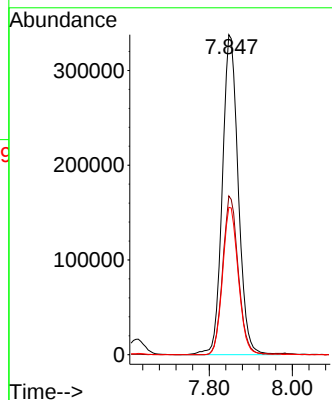
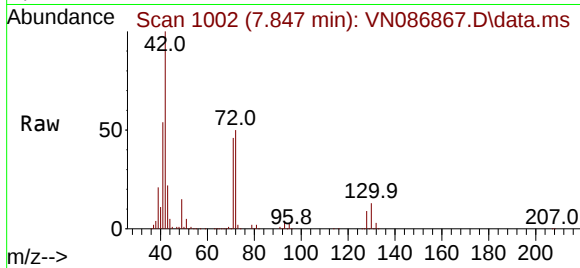




#29
Tetrahydrofuran
Concen: 691.211 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. -0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

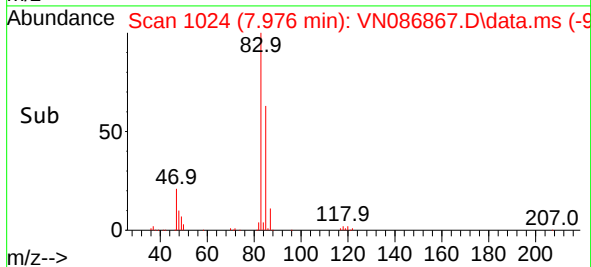
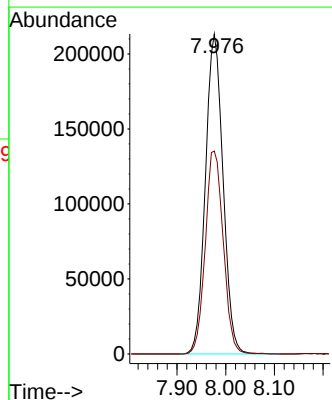
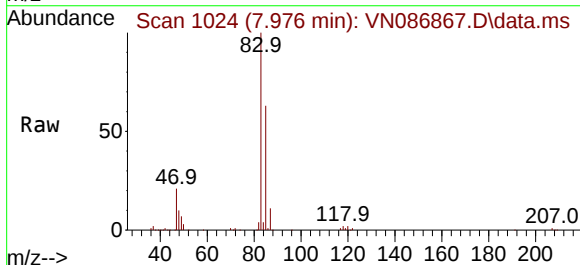
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

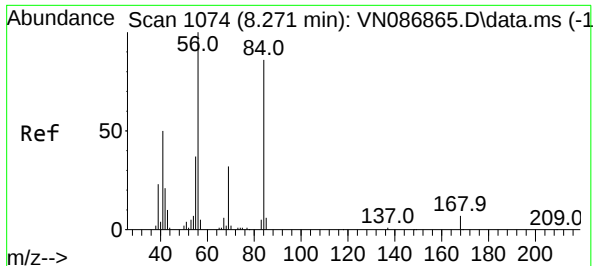
Tgt Ion: 42 Resp: 898159
Ion Ratio Lower Upper
42 100
72 48.5 37.8 56.6
71 45.4 35.6 53.4



#30
Chloroform
Concen: 138.179 ug/l
RT: 7.976 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 83 Resp: 534038
Ion Ratio Lower Upper
83 100
85 63.4 52.9 79.3

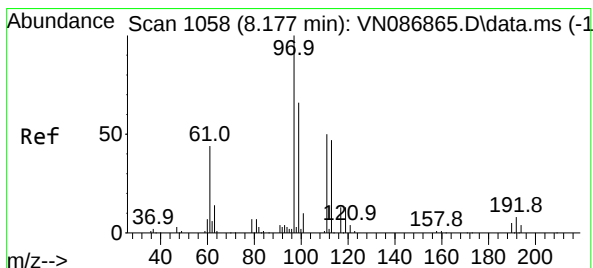
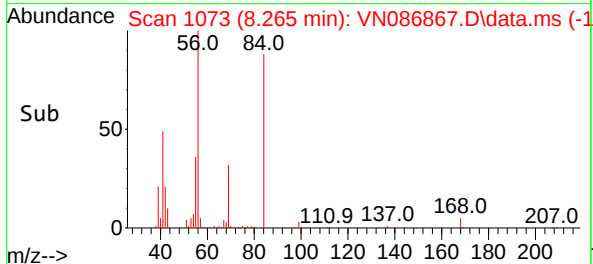
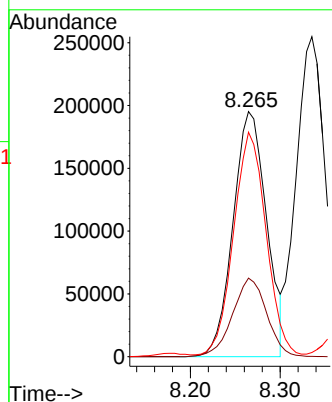
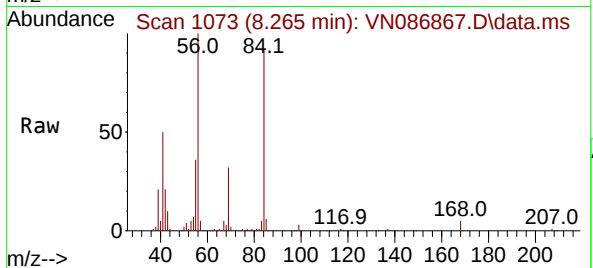




#31
Cyclohexane
Concen: 134.766 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

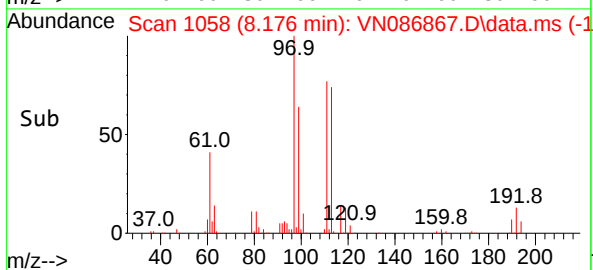
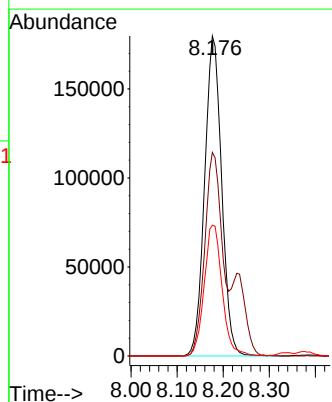
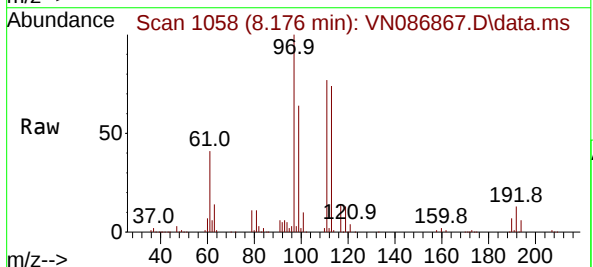
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

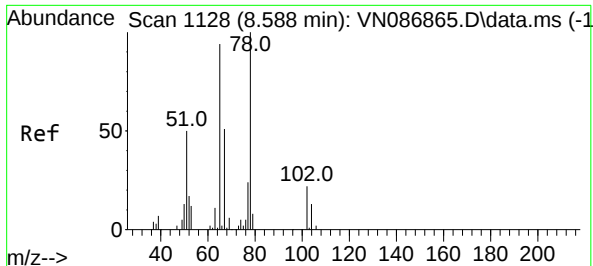
Tgt Ion: 56 Resp: 505795
Ion Ratio Lower Upper
56 100
69 32.0 25.4 38.0
84 90.6 68.8 103.2



#32
1,1,1-Trichloroethane
Concen: 140.807 ug/l
RT: 8.176 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 97 Resp: 462854
Ion Ratio Lower Upper
97 100
99 64.9 52.0 78.0
61 43.2 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 168.233 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN086867.D

Acq: 06 Jun 2025 14:49

Instrument :

MSVOA_N

ClientSampleId :

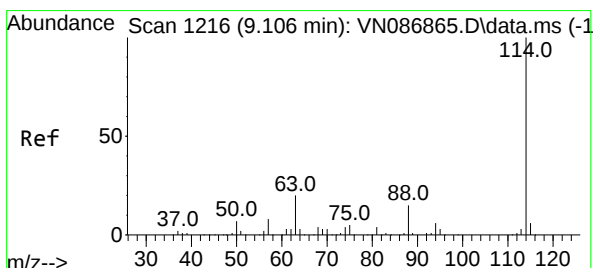
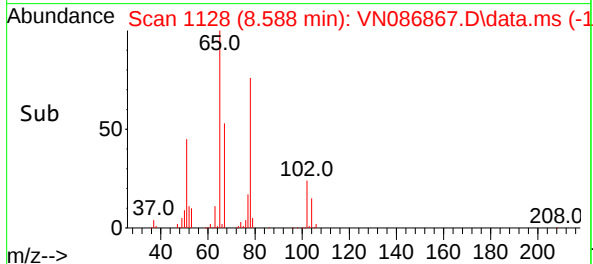
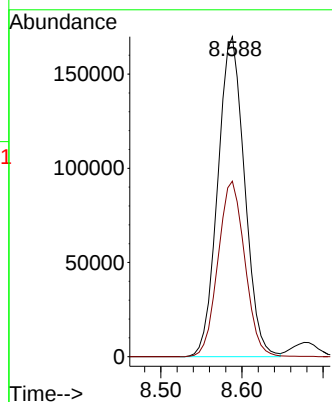
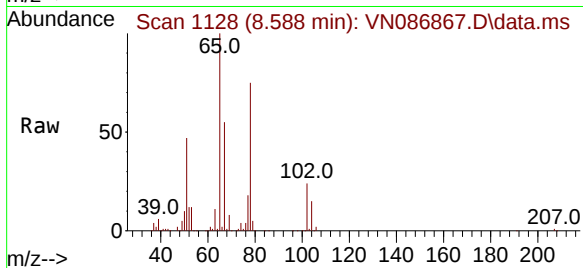
VSTDIC150

Tgt Ion: 65 Resp: 389297

Ion Ratio Lower Upper

65 100

67 54.9 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN086867.D

Acq: 06 Jun 2025 14:49

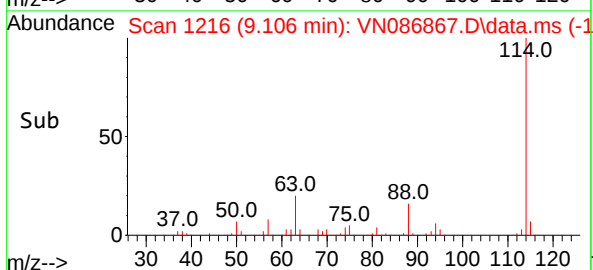
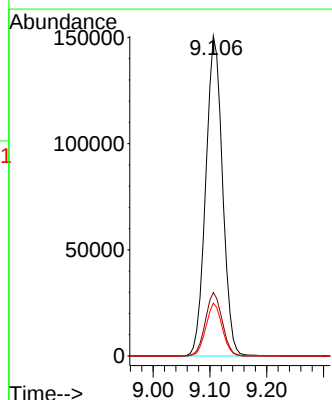
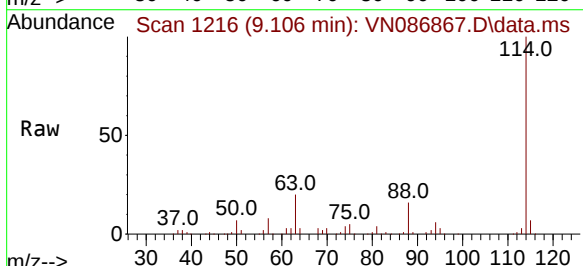
Tgt Ion: 114 Resp: 307937

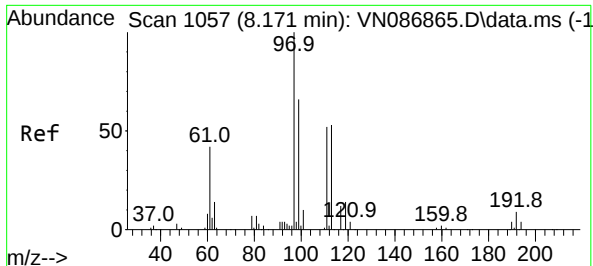
Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.6

88 16.5 0.0 30.2

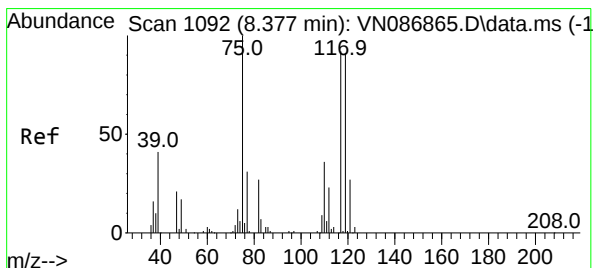
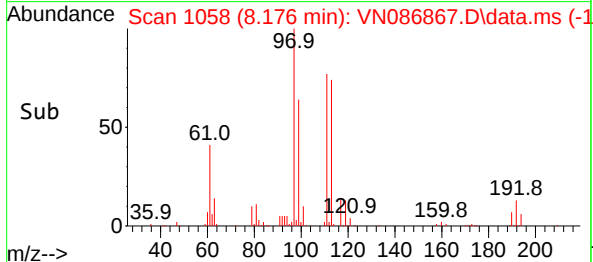
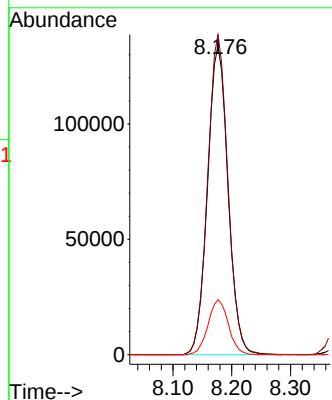
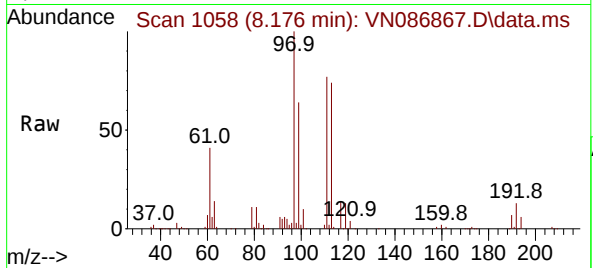




#35
Dibromofluoromethane
Concen: 177.803 ug/l
RT: 8.176 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

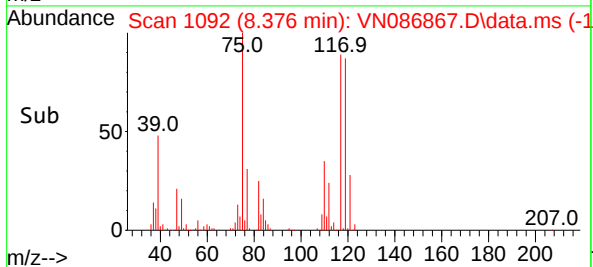
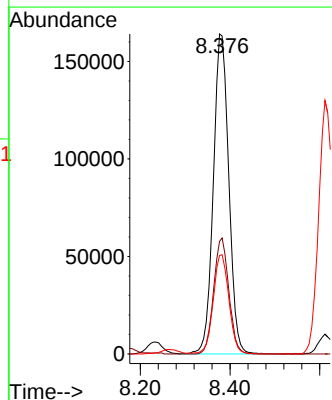
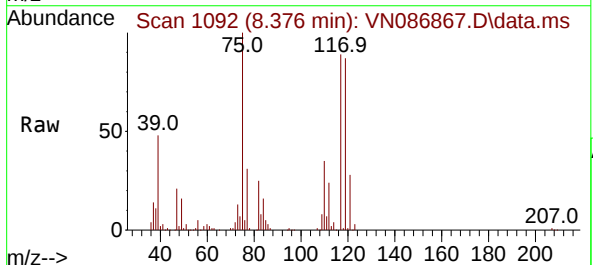
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

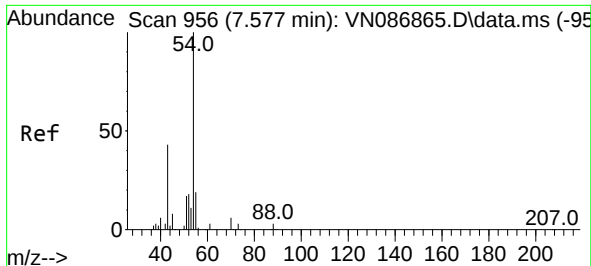
Tgt Ion:113 Resp: 324474
Ion Ratio Lower Upper
113 100
111 102.5 84.2 126.2
192 17.7 14.2 21.4



#36
1,1-Dichloropropene
Concen: 144.584 ug/l
RT: 8.376 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 75 Resp: 393166
Ion Ratio Lower Upper
75 100
110 35.6 17.6 52.9
77 31.4 25.3 37.9

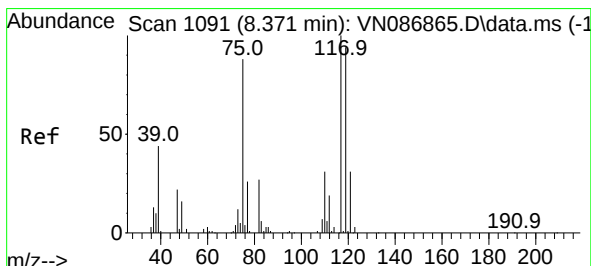
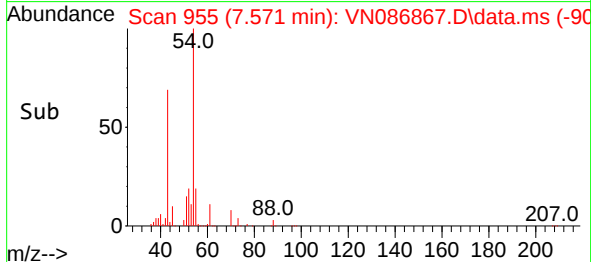
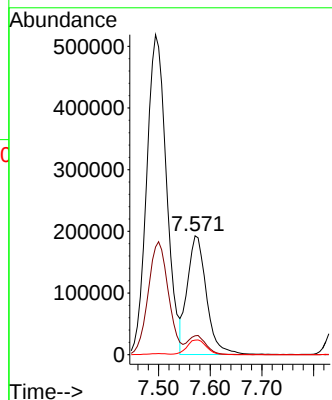
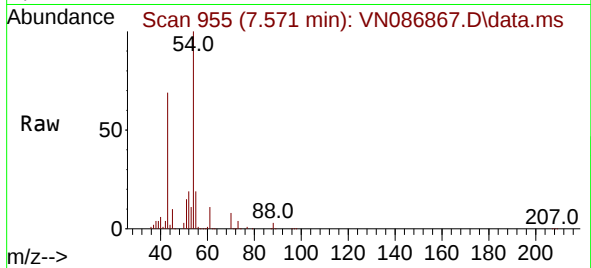




#37
Ethyl Acetate
Concen: 142.706 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

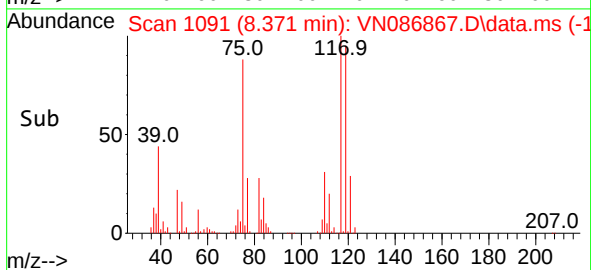
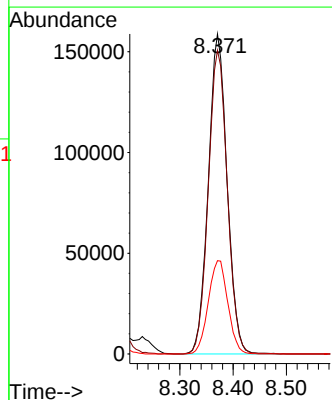
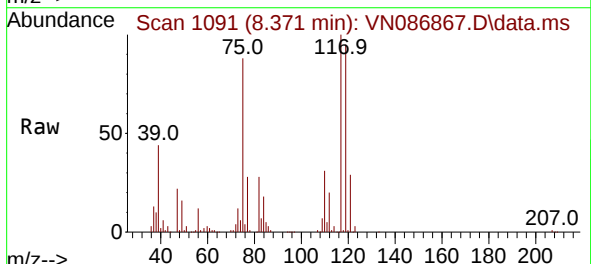
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

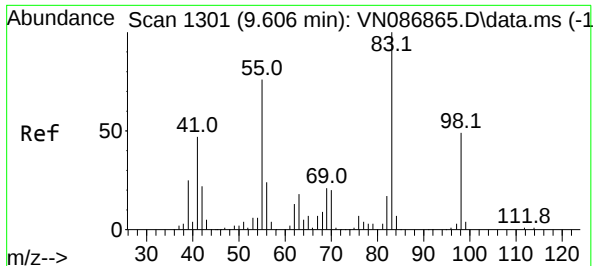
Tgt Ion: 43 Resp: 494000
Ion Ratio Lower Upper
43 100
61 15.4 12.1 18.1
70 12.7 9.8 14.6



#38
Carbon Tetrachloride
Concen: 145.557 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 117 Resp: 388595
Ion Ratio Lower Upper
117 100
119 94.9 75.0 112.6
121 29.1 24.9 37.3

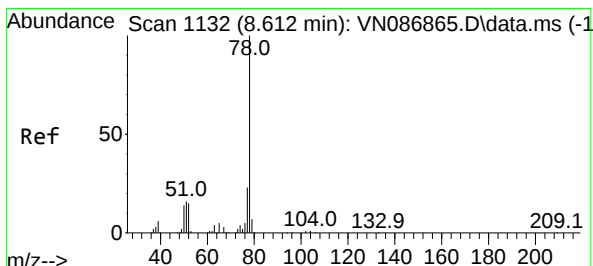
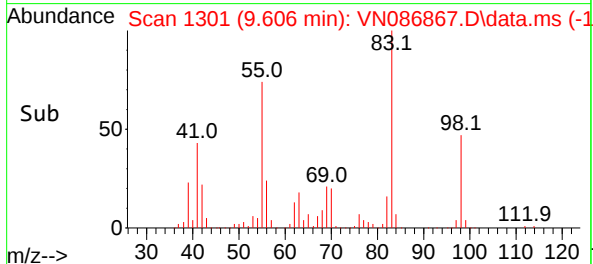
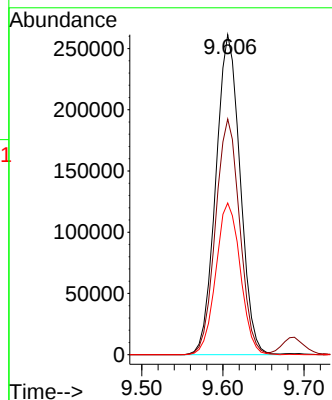
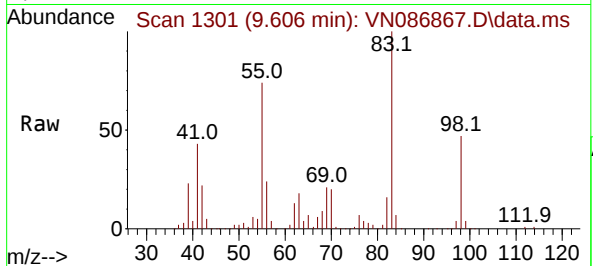




#39
Methylcyclohexane
Concen: 146.136 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

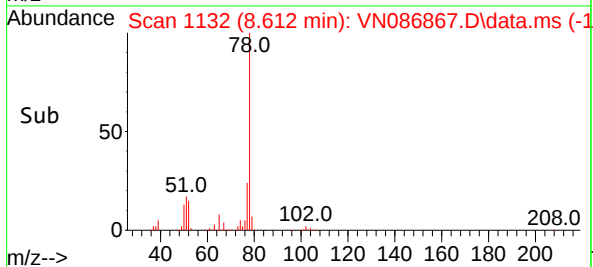
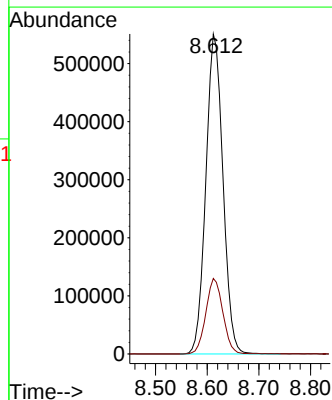
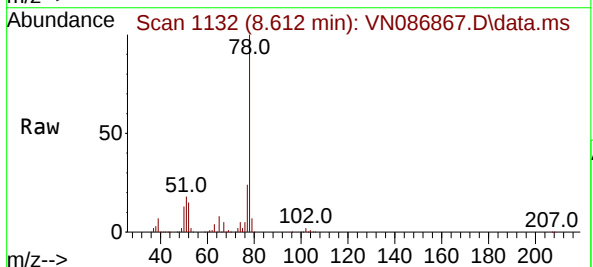
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

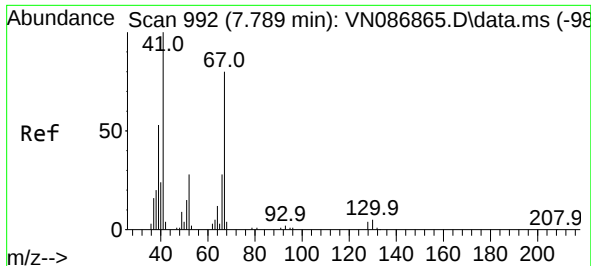
Tgt Ion: 83 Resp: 544437
Ion Ratio Lower Upper
83 100
55 73.6 61.0 91.6
98 47.4 38.9 58.3



#40
Benzene
Concen: 142.388 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 78 Resp: 1266139
Ion Ratio Lower Upper
78 100
77 23.6 18.7 28.1



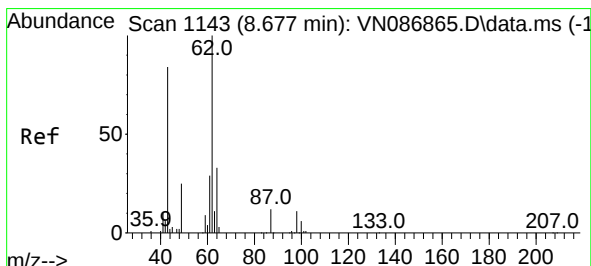
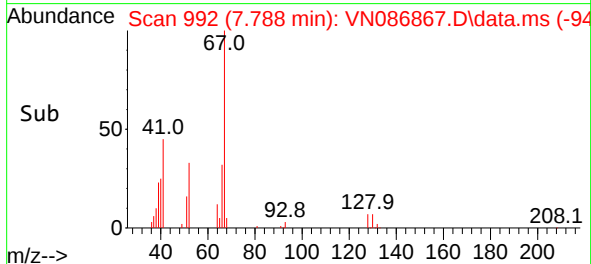
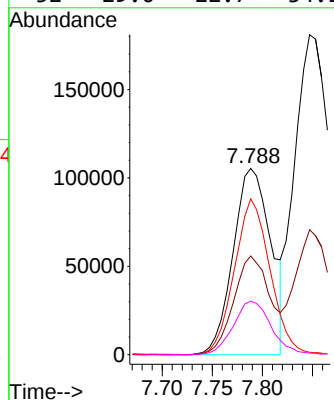
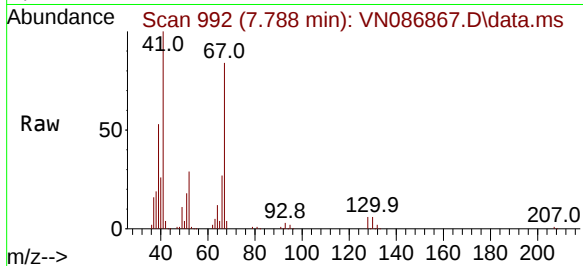


#41
Methacrylonitrile
Concen: 142.174 ug/l
RT: 7.788 min Scan# 992
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 41 Resp: 276400

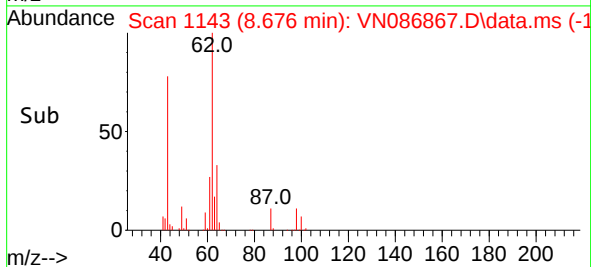
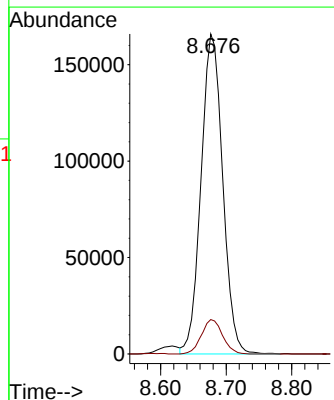
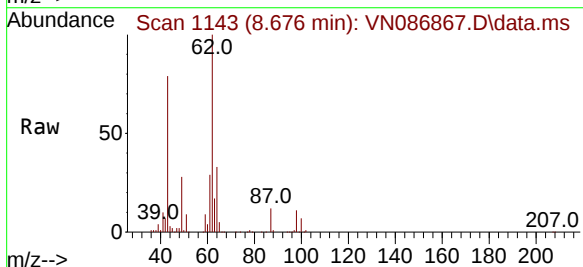
Ion	Ratio	Lower	Upper
41	100		
39	50.9	41.2	61.8
67	79.4	61.4	92.2
52	29.0	22.7	34.1

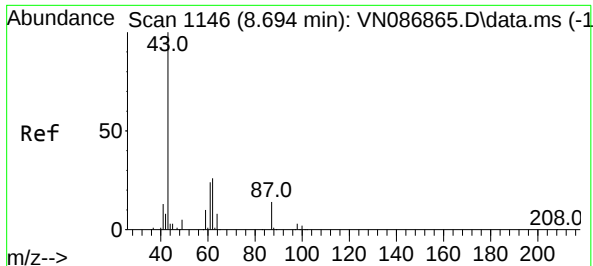


#42
1,2-Dichloroethane
Concen: 141.455 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 62 Resp: 381516

Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	21.2

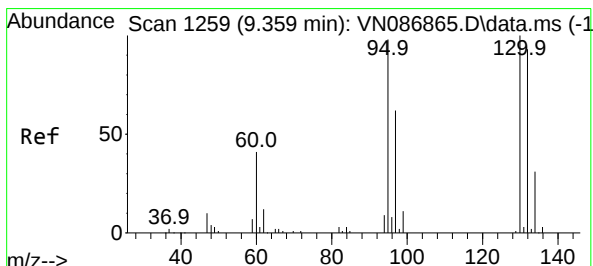
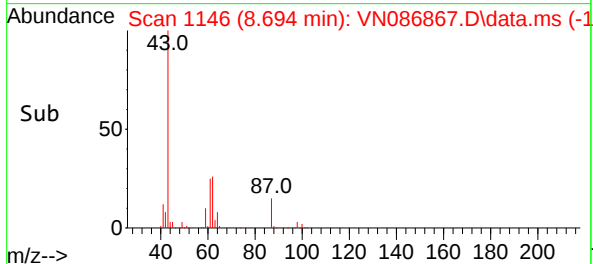
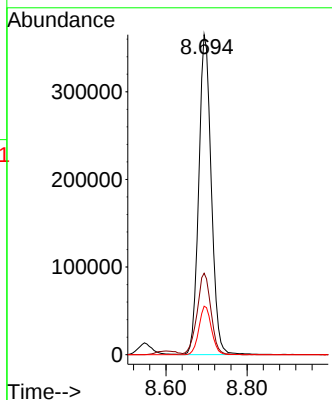
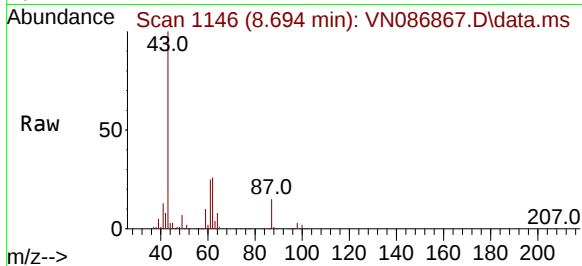




#43
Isopropyl Acetate
Concen: 140.531 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

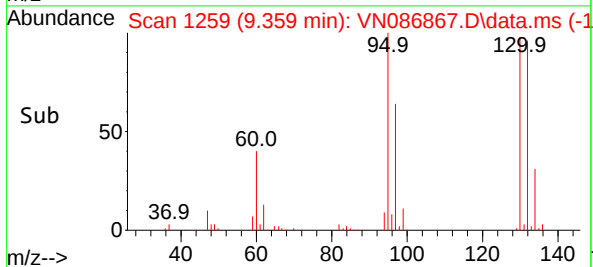
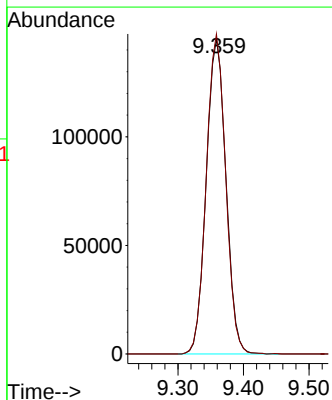
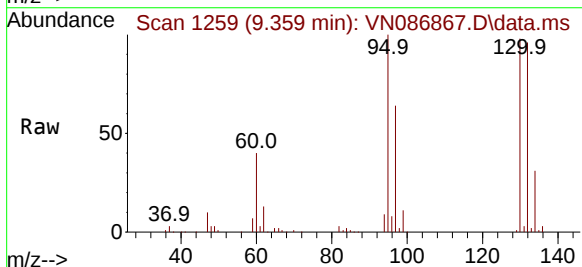
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

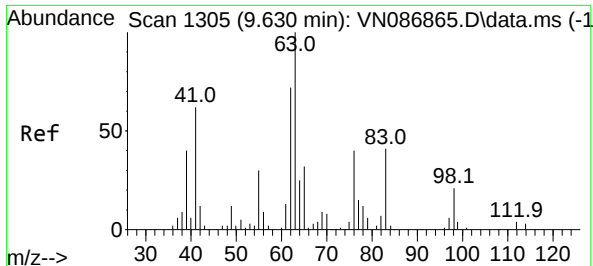
Tgt Ion: 43 Resp: 780791
Ion Ratio Lower Upper
43 100
61 28.3 22.1 33.1
87 15.3 11.8 17.6



#44
Trichloroethene
Concen: 143.490 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion:130 Resp: 302548
Ion Ratio Lower Upper
130 100
95 101.6 0.0 196.2





#45

1,2-Dichloropropane

Concen: 142.856 ug/l

RT: 9.623 min Scan# 1304

Delta R.T. -0.006 min

Lab File: VN086867.D

Acq: 06 Jun 2025 14:49

Instrument :

MSVOA_N

ClientSampleId :

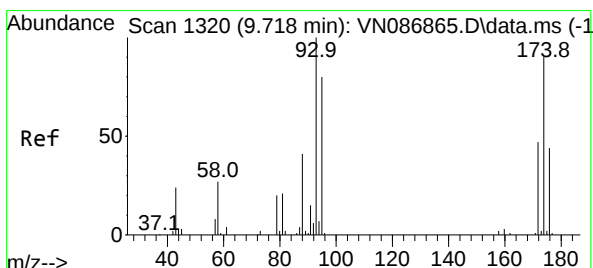
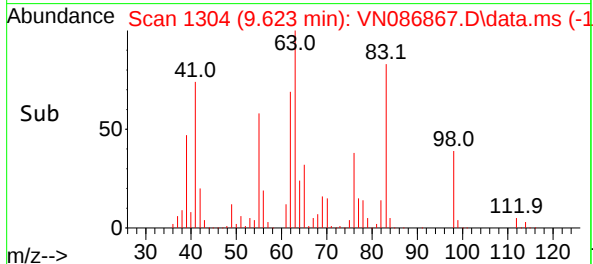
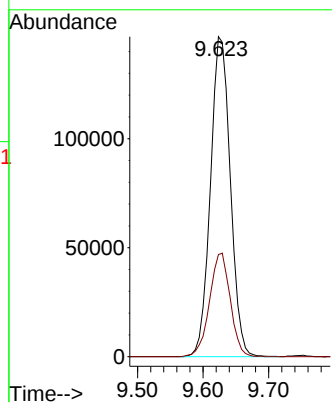
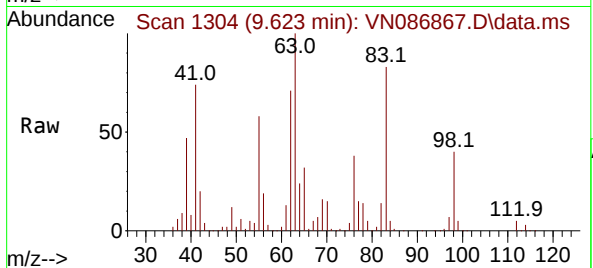
VSTDIC150

Tgt Ion: 63 Resp: 309047

Ion Ratio Lower Upper

63 100

65 31.9 25.5 38.3



#46

Dibromomethane

Concen: 145.074 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN086867.D

Acq: 06 Jun 2025 14:49

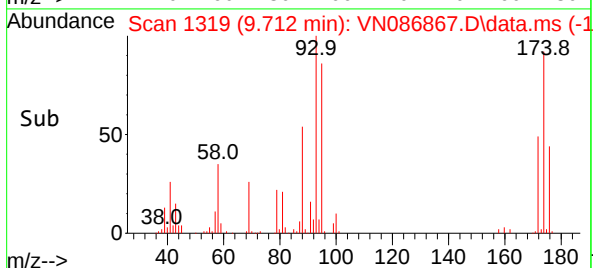
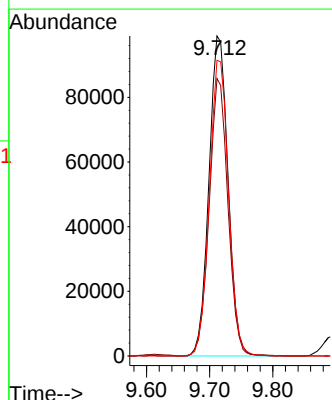
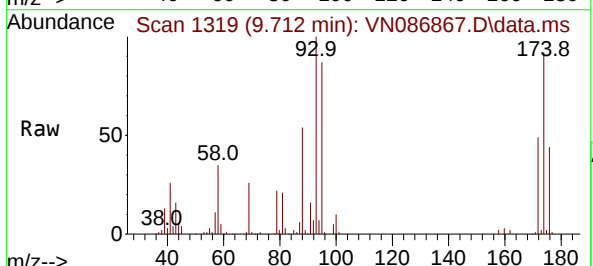
Tgt Ion: 93 Resp: 208461

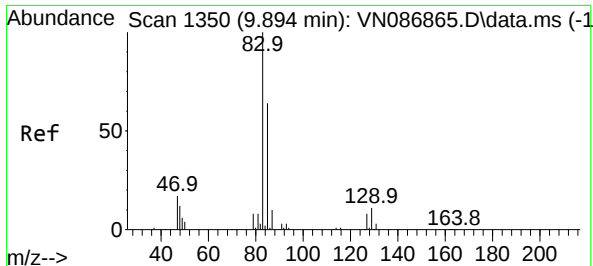
Ion Ratio Lower Upper

93 100

95 84.8 67.1 100.7

174 92.8 74.2 111.4

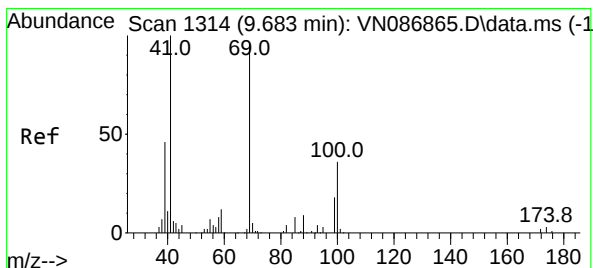
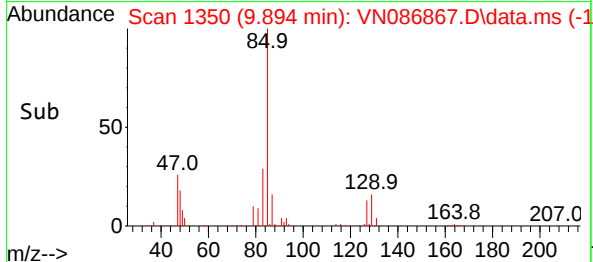
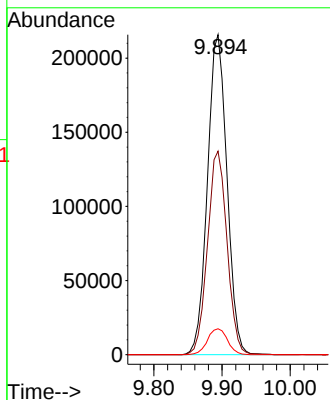
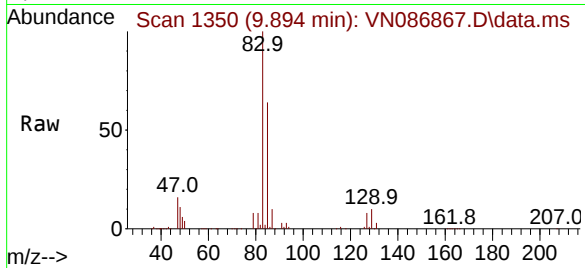




#47
Bromodichloromethane
Concen: 145.449 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

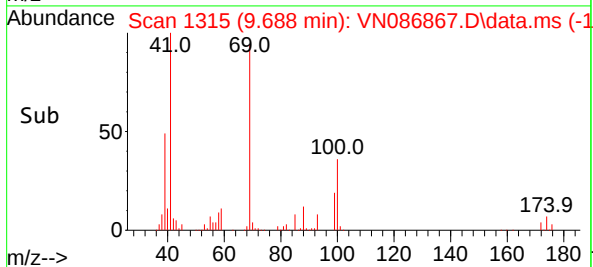
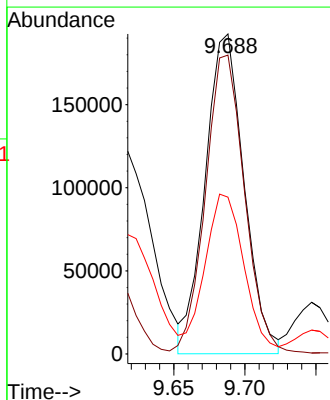
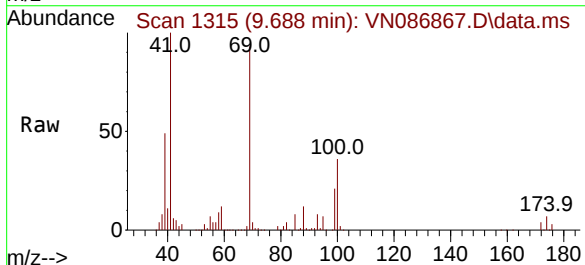
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

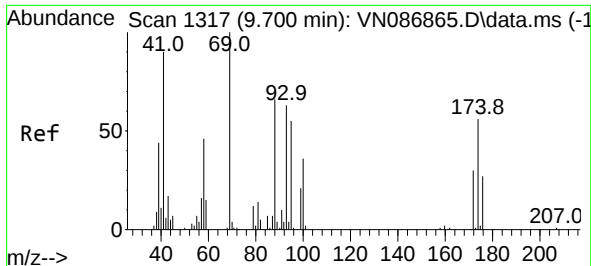
Tgt Ion: 83 Resp: 430011
Ion Ratio Lower Upper
83 100
85 63.6 50.9 76.3
127 8.1 6.6 10.0



#48
Methyl methacrylate
Concen: 143.502 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 41 Resp: 366967
Ion Ratio Lower Upper
41 100
69 94.2 74.6 112.0
39 50.8 40.2 60.4





#49

1,4-Dioxane

Concen: 2967.116 ug/l

RT: 9.712 min Scan# 1317

Delta R.T. 0.011 min

Lab File: VN086867.D

Acq: 06 Jun 2025 14:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

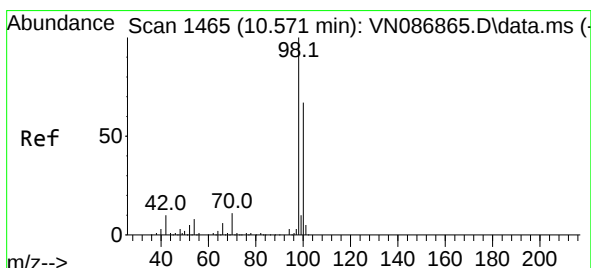
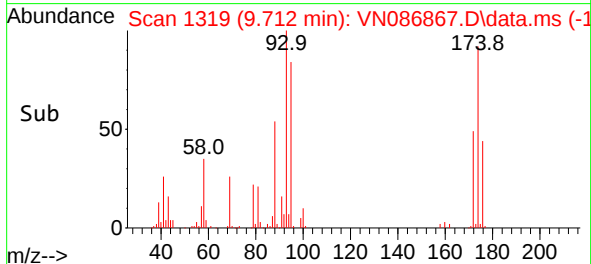
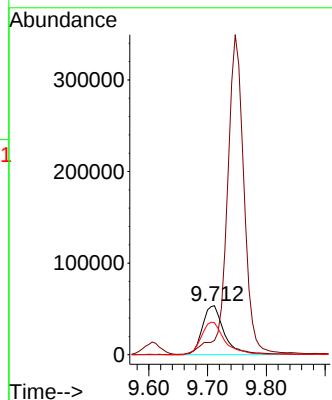
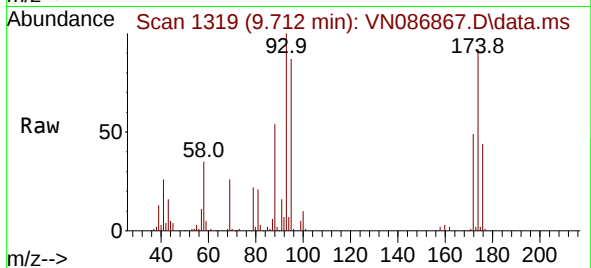
Tgt Ion: 88 Resp: 138035

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 72.2 57.7 86.5



#50

Toluene-d8

Concen: 176.120 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN086867.D

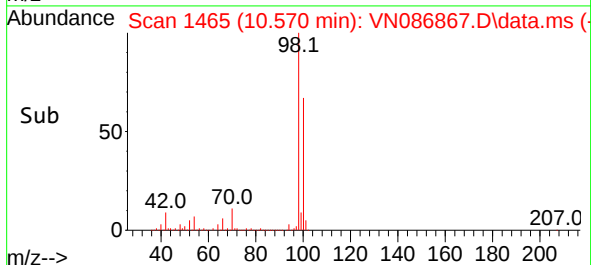
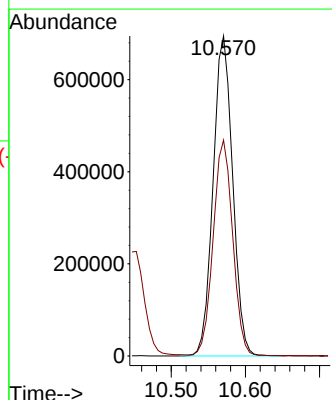
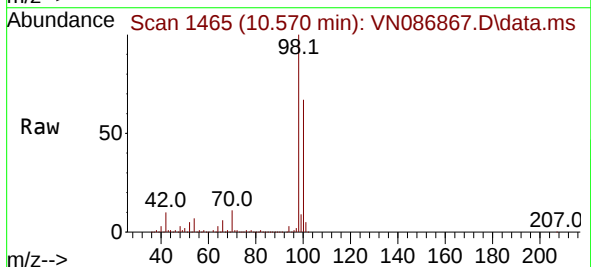
Acq: 06 Jun 2025 14:49

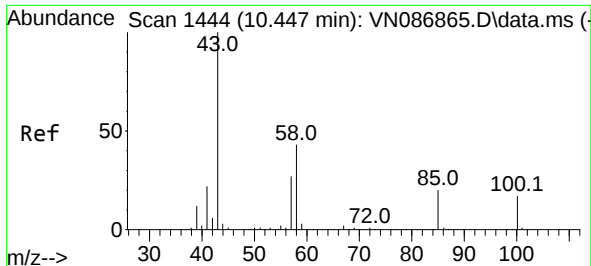
Tgt Ion: 98 Resp: 1272348

Ion Ratio Lower Upper

98 100

100 67.5 53.4 80.0

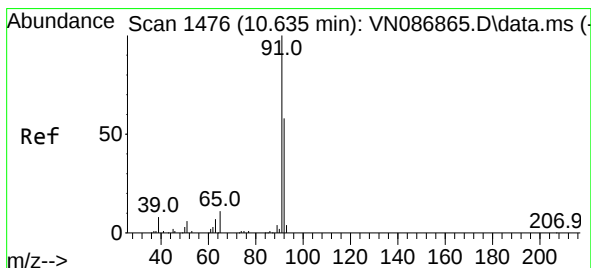
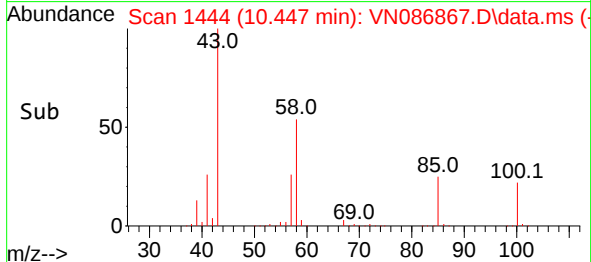
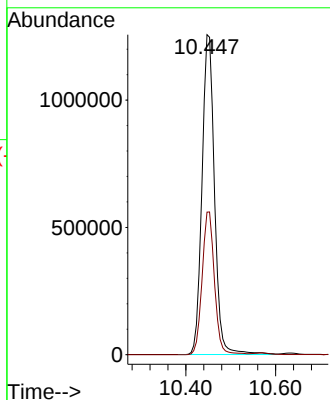
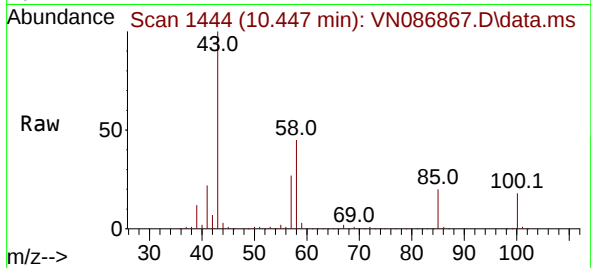




#51
4-Methyl-2-Pentanone
Concen: 728.995 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

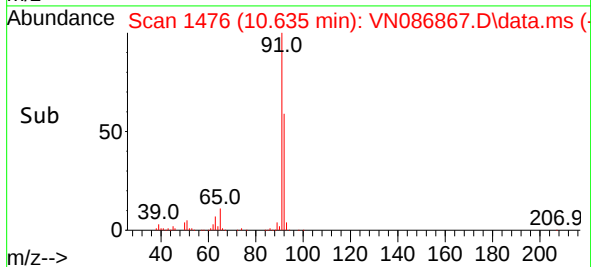
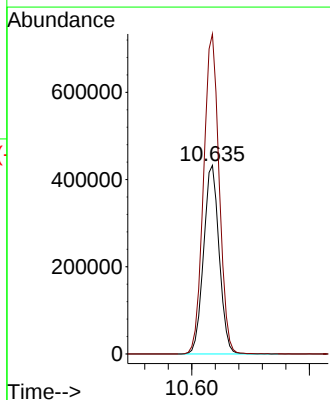
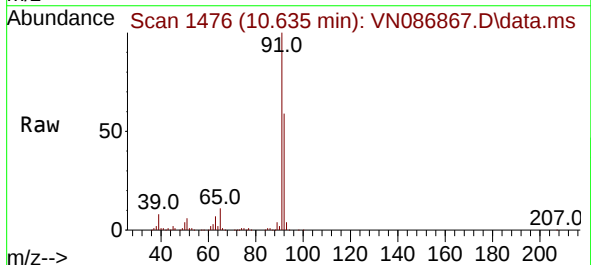
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

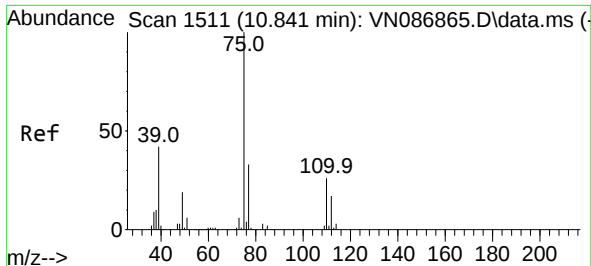
Tgt Ion: 43 Resp: 2438311
Ion Ratio Lower Upper
43 100
58 44.0 34.2 51.4



#52
Toluene
Concen: 145.976 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 92 Resp: 793270
Ion Ratio Lower Upper
92 100
91 170.2 136.5 204.7

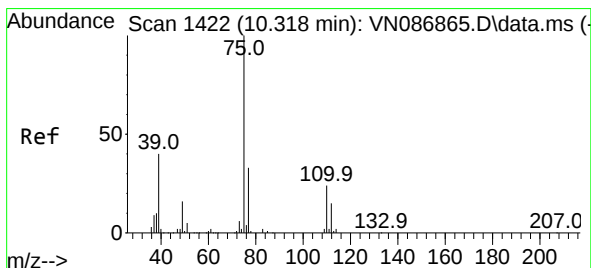
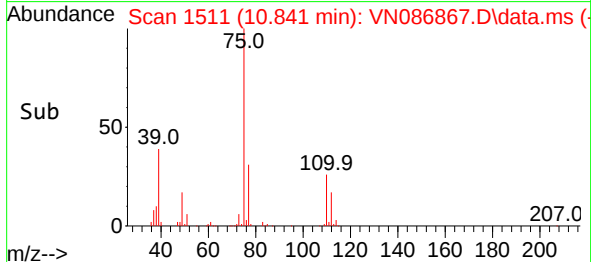
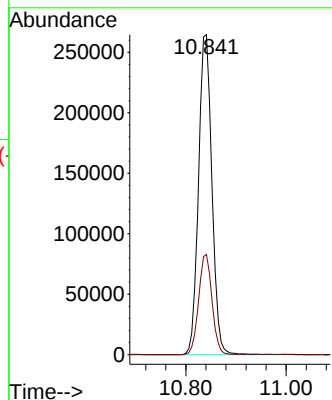
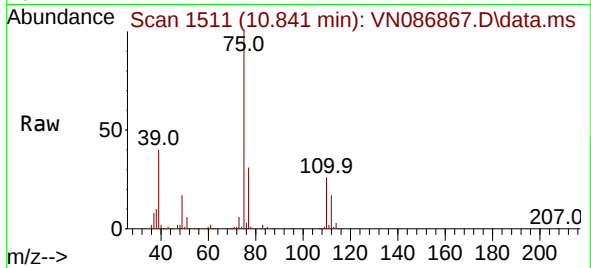




#53
t-1,3-Dichloropropene
Concen: 148.163 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

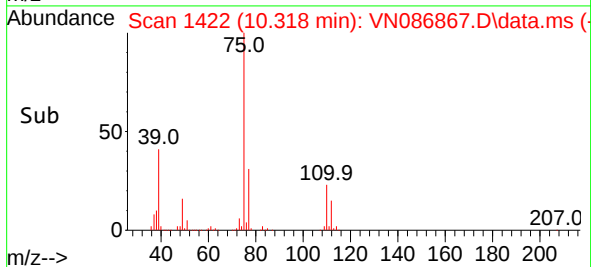
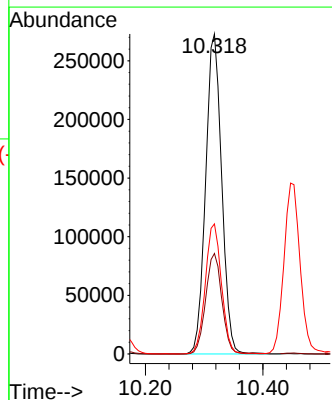
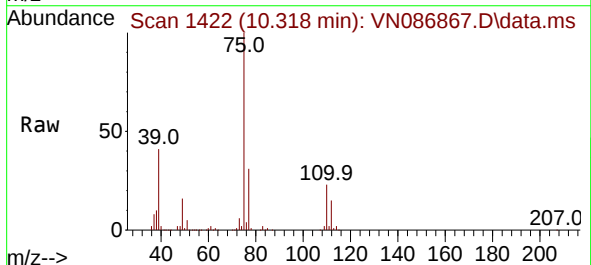
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

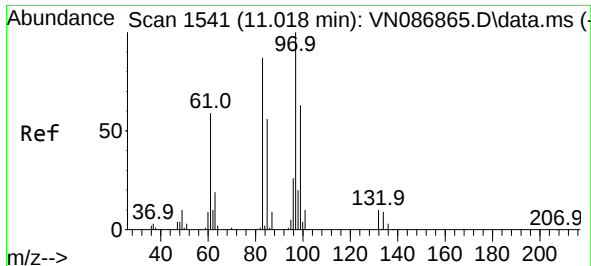
Tgt Ion: 75 Resp: 489809
Ion Ratio Lower Upper
75 100
77 31.4 26.4 39.6



#54
cis-1,3-Dichloropropene
Concen: 146.469 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 75 Resp: 518092
Ion Ratio Lower Upper
75 100
77 31.4 26.2 39.4
39 40.6 32.3 48.5

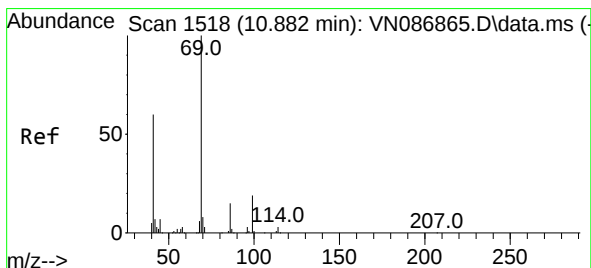
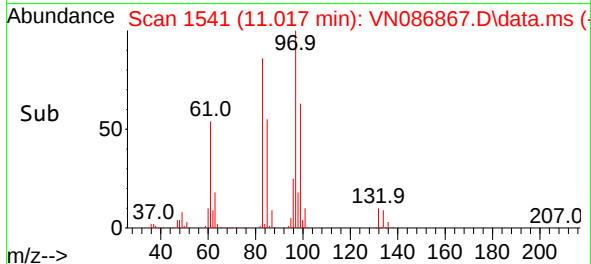
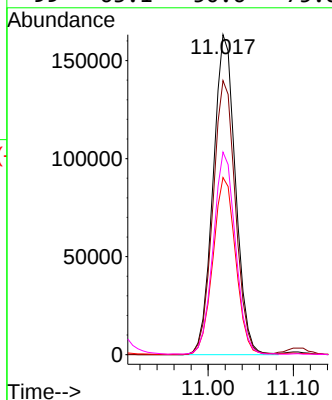
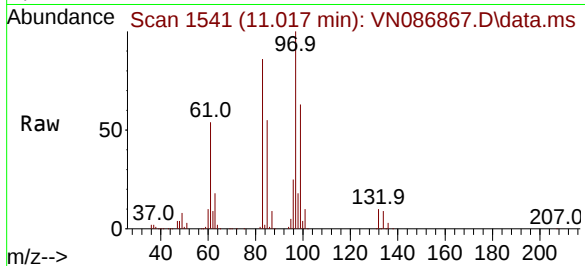




#55
1,1,2-Trichloroethane
Concen: 142.588 ug/l
RT: 11.017 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

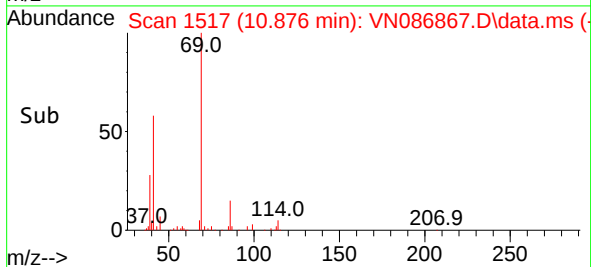
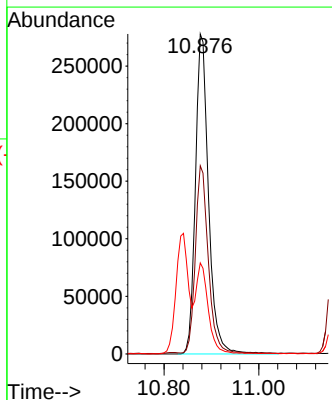
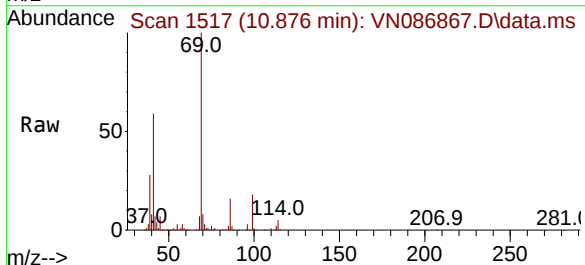
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

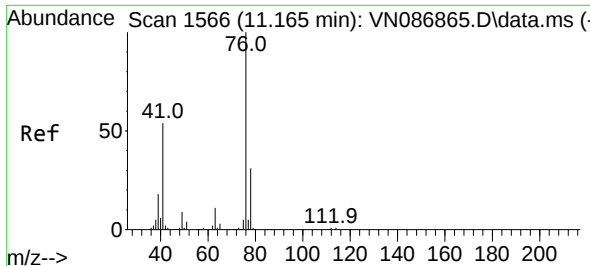
Tgt Ion:	97	Resp:	298151
Ion	Ratio	Lower	Upper
97	100		
83	85.6	69.7	104.5
85	55.2	45.1	67.7
99	63.1	50.6	75.8



#56
Ethyl methacrylate
Concen: 160.311 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion:	69	Resp:	533912
Ion	Ratio	Lower	Upper
69	100		
41	57.5	47.2	70.8
39	27.0	23.0	34.6

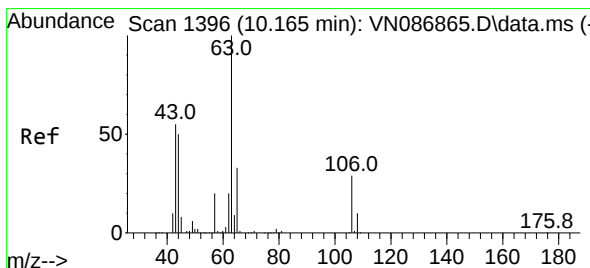
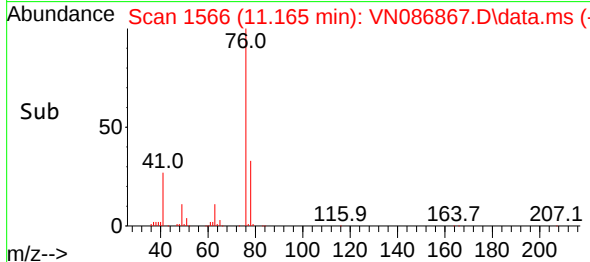
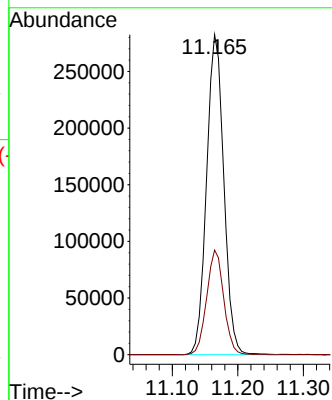
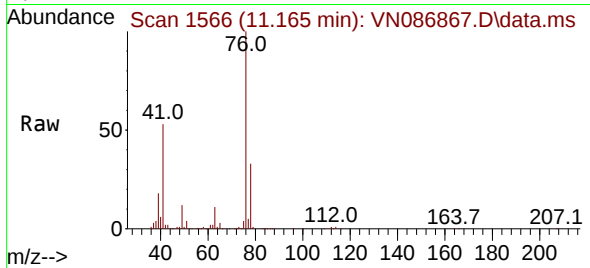




#57
1,3-Dichloropropane
Concen: 142.363 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

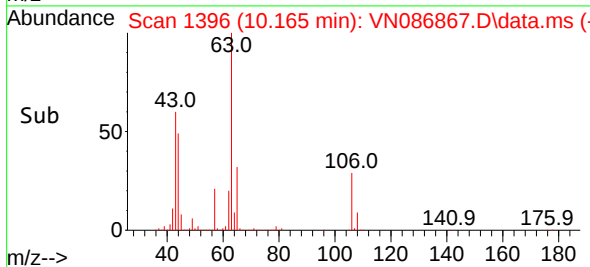
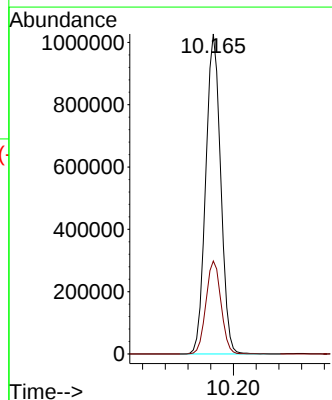
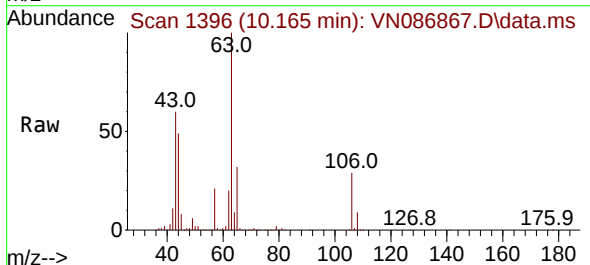
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

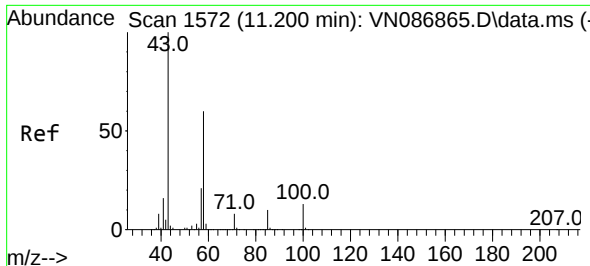
Tgt Ion: 76 Resp: 516391
Ion Ratio Lower Upper
76 100
78 32.5 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 941.147 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 63 Resp: 1869543
Ion Ratio Lower Upper
63 100
106 29.2 23.0 34.6

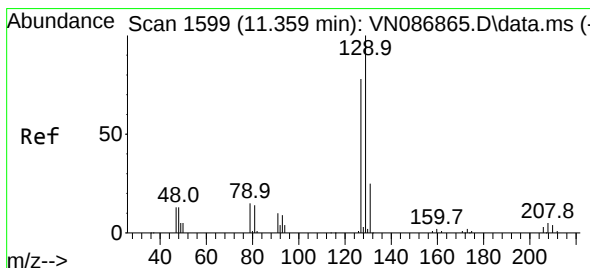
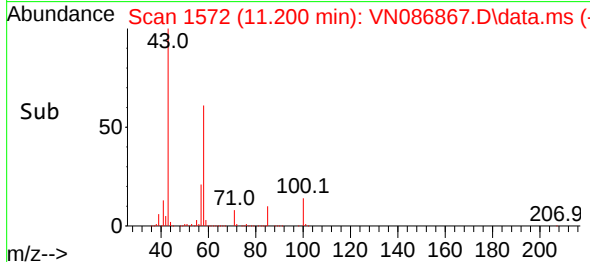
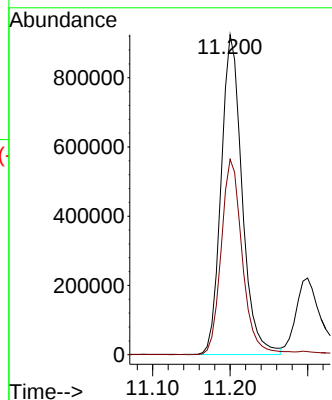
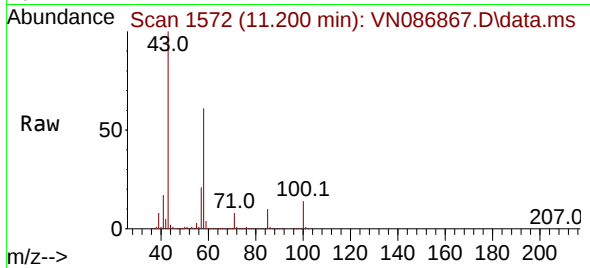




#59
2-Hexanone
Concen: 805.662 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

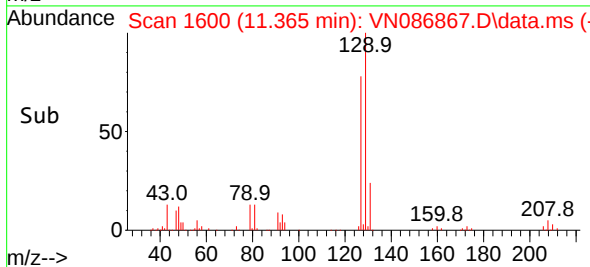
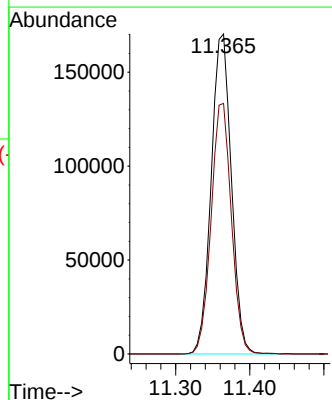
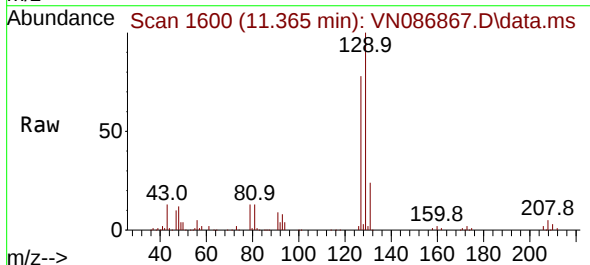
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

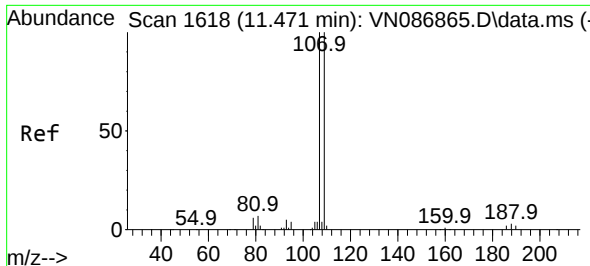
Tgt Ion: 43 Resp: 1735777
Ion Ratio Lower Upper
43 100
58 61.6 30.4 91.3



#60
Dibromochloromethane
Concen: 147.832 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion:129 Resp: 322064
Ion Ratio Lower Upper
129 100
127 78.6 38.6 115.8

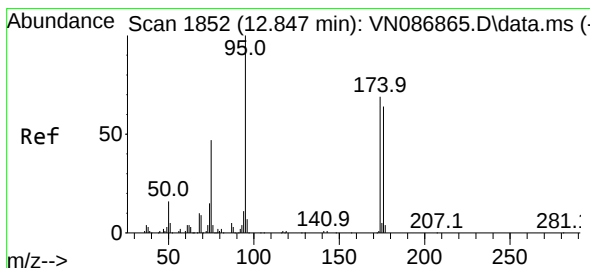
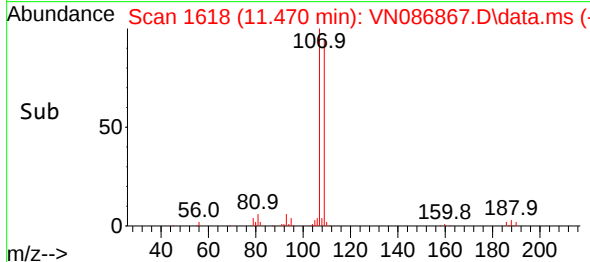
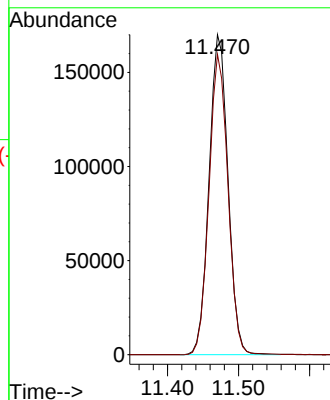
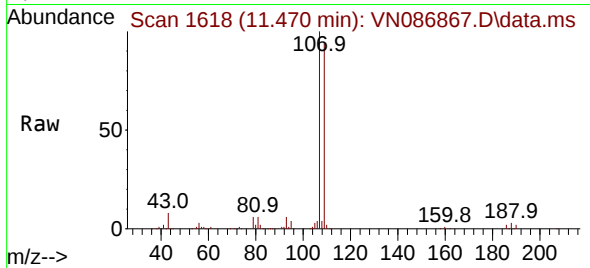




#61
1,2-Dibromoethane
Concen: 146.790 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

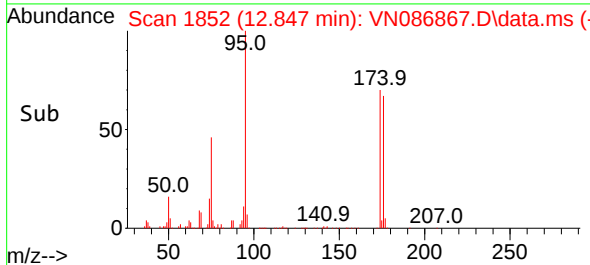
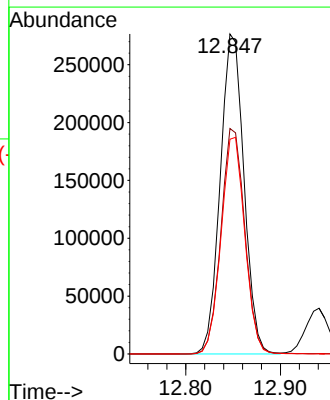
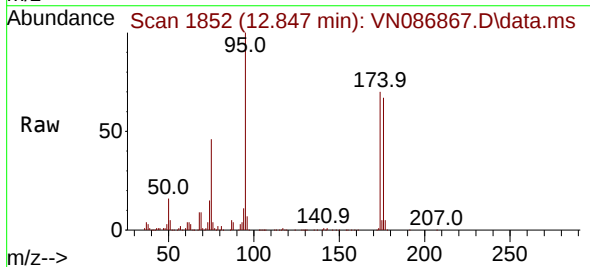
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

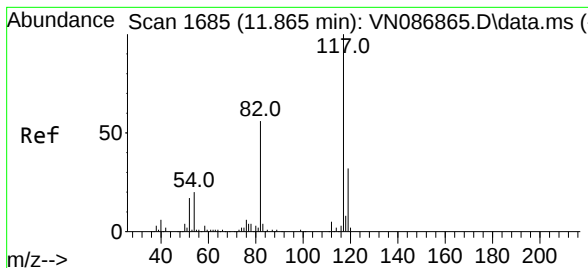
Tgt Ion:107 Resp: 314606
Ion Ratio Lower Upper
107 100
109 94.0 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 179.364 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 95 Resp: 481421
Ion Ratio Lower Upper
95 100
174 70.7 0.0 141.8
176 67.8 0.0 132.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.864 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086867.D

Acq: 06 Jun 2025 14:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

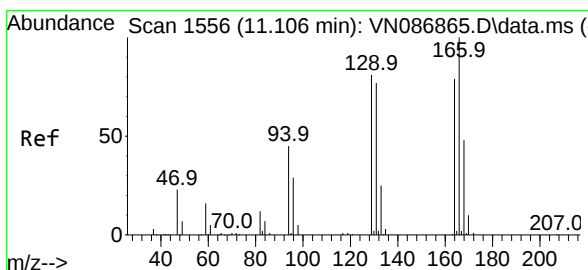
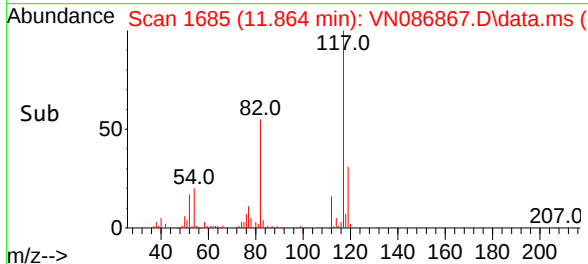
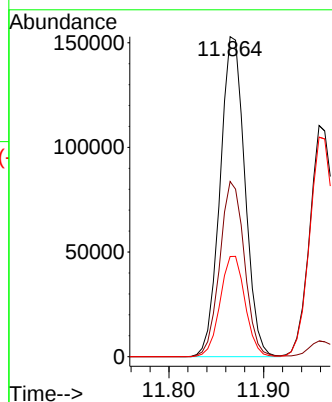
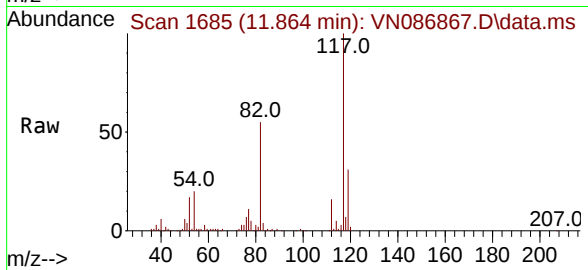
Tgt Ion:117 Resp: 278552

Ion Ratio Lower Upper

117 100

82 54.7 44.6 67.0

119 31.3 25.5 38.3



#64

Tetrachloroethene

Concen: 139.048 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN086867.D

Acq: 06 Jun 2025 14:49

Tgt Ion:164 Resp: 245122

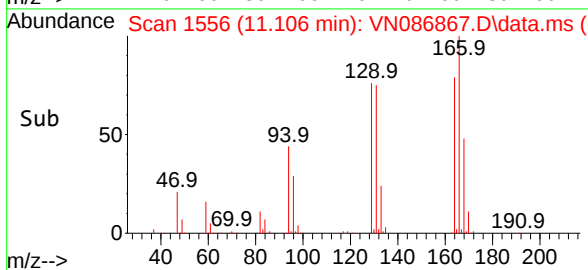
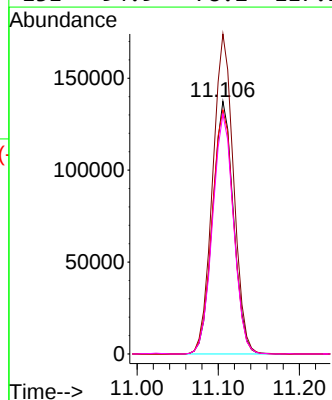
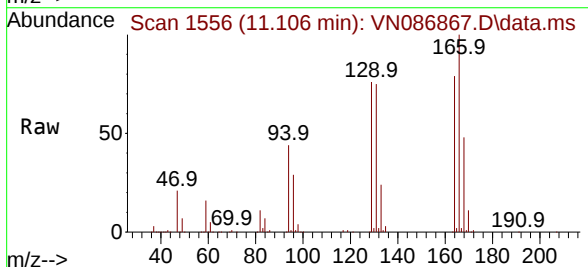
Ion Ratio Lower Upper

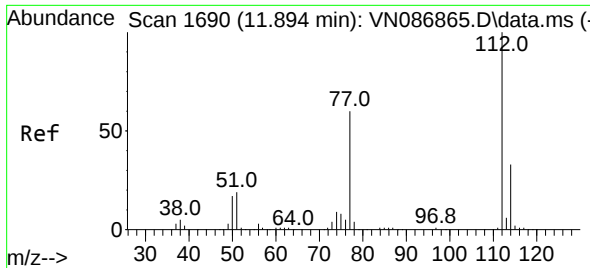
164 100

166 126.7 101.8 152.8

129 96.6 83.0 124.4

131 94.9 78.2 117.2

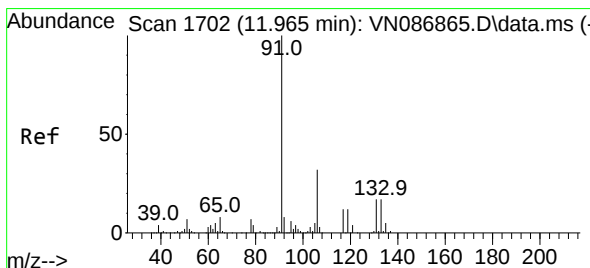
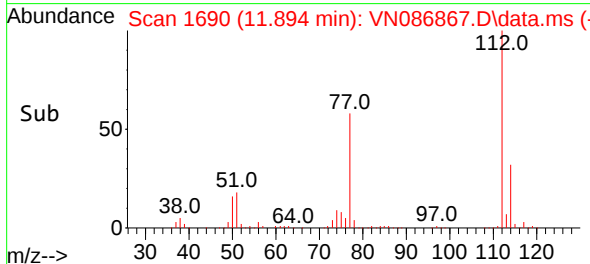
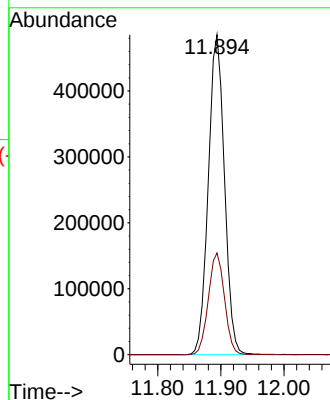
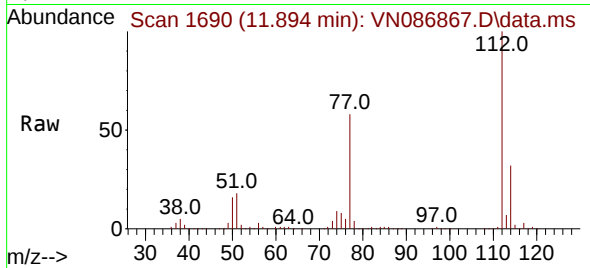




#65
Chlorobenzene
Concen: 140.041 ug/l
RT: 11.894 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

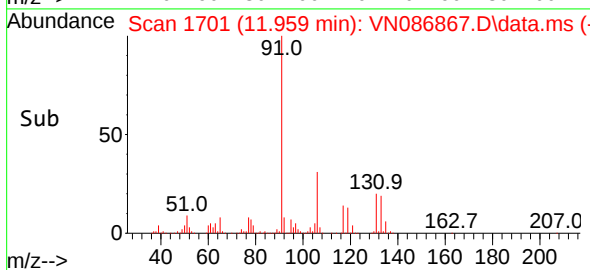
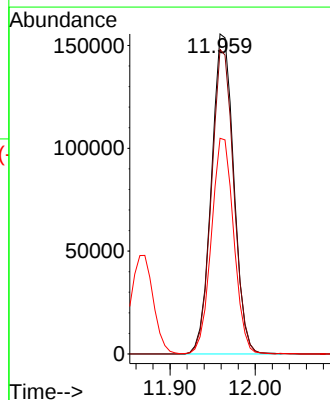
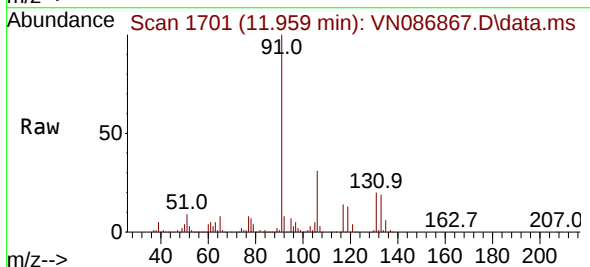
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

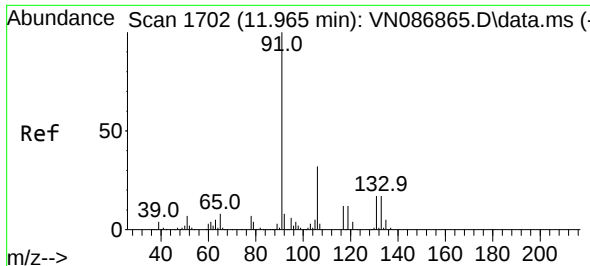
Tgt Ion:112 Resp: 860345
Ion Ratio Lower Upper
112 100
114 31.8 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 143.171 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion:131 Resp: 282739
Ion Ratio Lower Upper
131 100
133 95.2 48.3 144.8
119 67.8 34.0 101.8

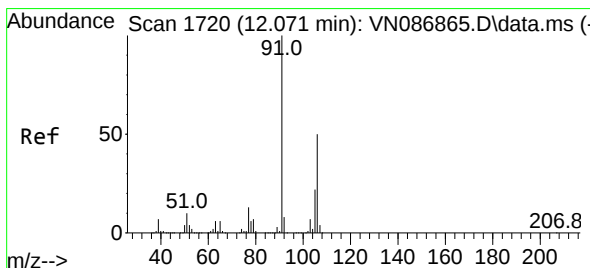
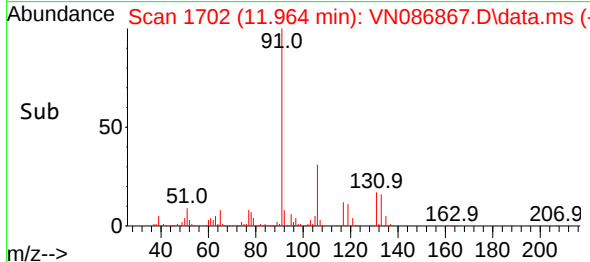
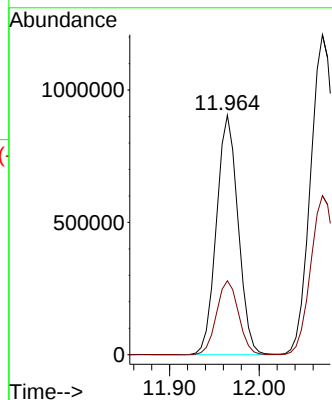
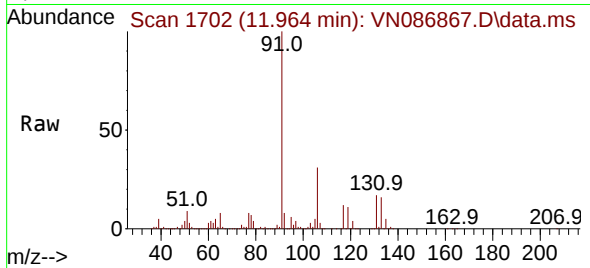




#67
Ethyl Benzene
Concen: 143.438 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

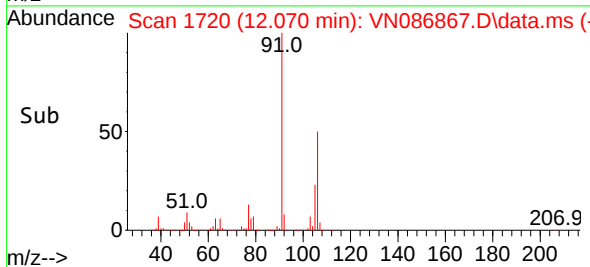
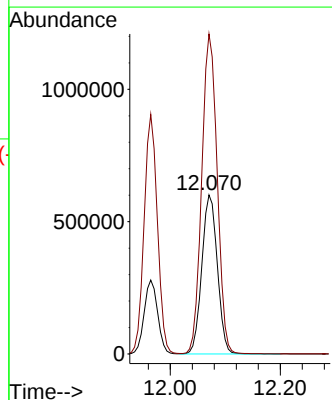
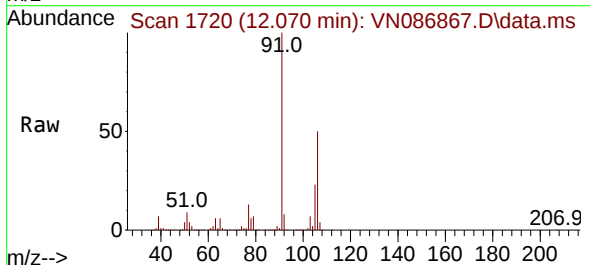
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

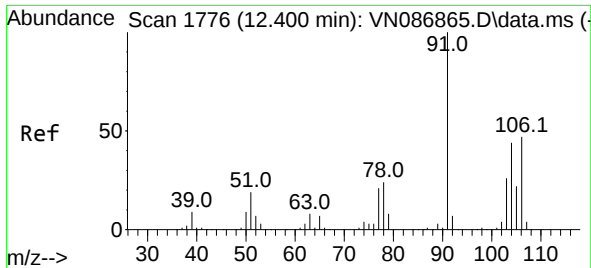
Tgt Ion: 91 Resp: 1517883
Ion Ratio Lower Upper
91 100
106 30.9 25.4 38.2



#68
m/p-Xylenes
Concen: 290.155 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion:106 Resp: 1175378
Ion Ratio Lower Upper
106 100
91 200.8 159.4 239.0

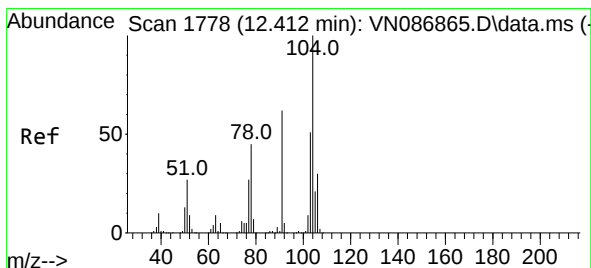
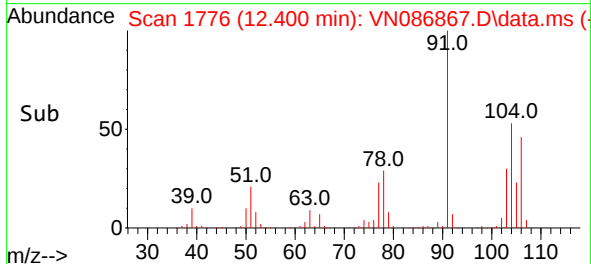
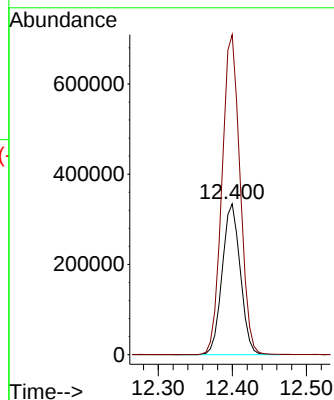
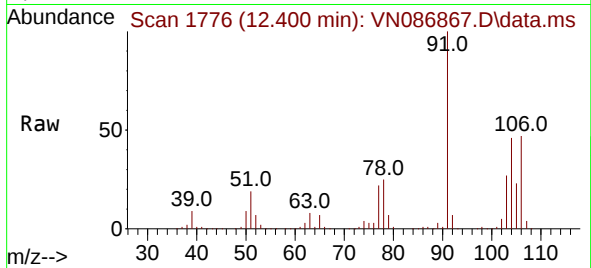




#69
o-Xylene
Concen: 145.966 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

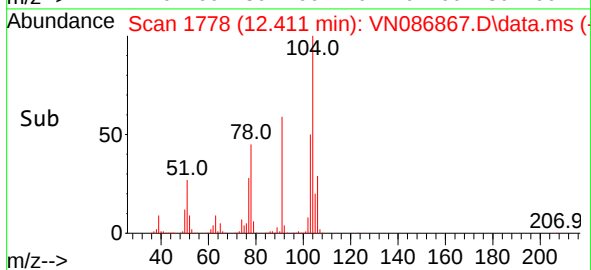
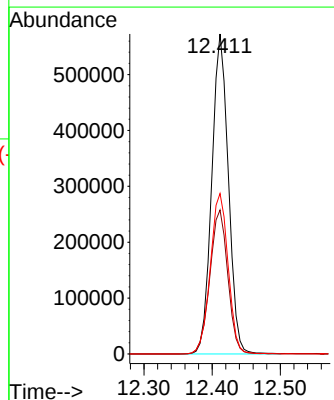
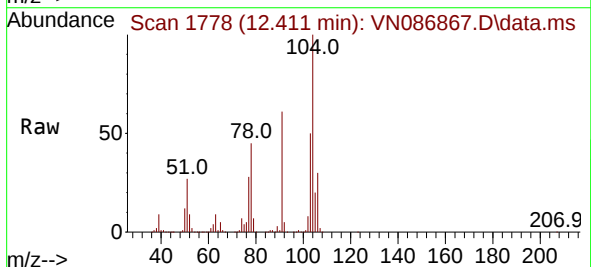
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

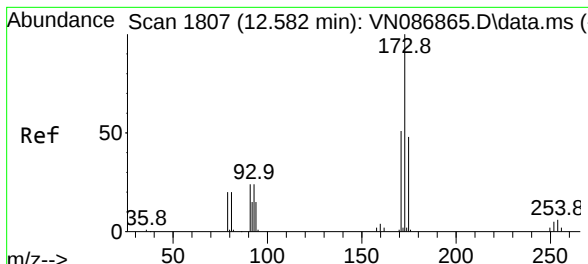
Tgt Ion:106 Resp: 566301
Ion Ratio Lower Upper
106 100
91 211.9 106.1 318.1



#70
Styrene
Concen: 146.459 ug/l
RT: 12.411 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion:104 Resp: 972318
Ion Ratio Lower Upper
104 100
78 48.4 38.5 57.7
103 54.0 43.1 64.7

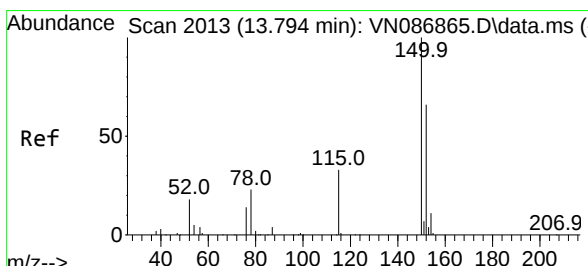
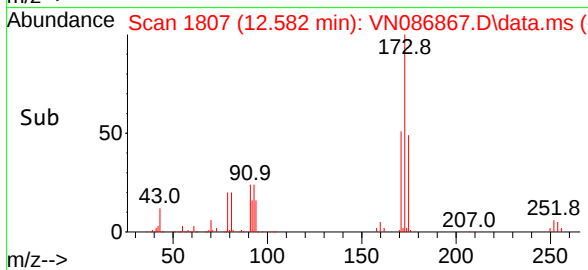
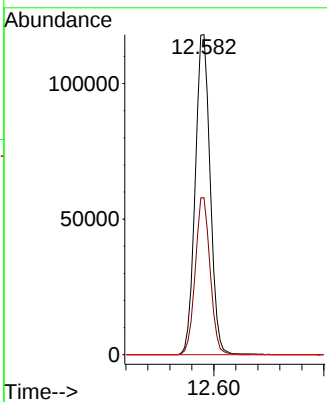
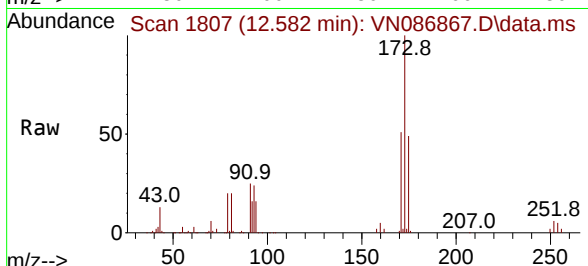




#71
 Bromoform
 Concen: 152.538 ug/l
 RT: 12.582 min Scan# 1807
 Delta R.T. -0.000 min
 Lab File: VN086867.D
 Acq: 06 Jun 2025 14:49

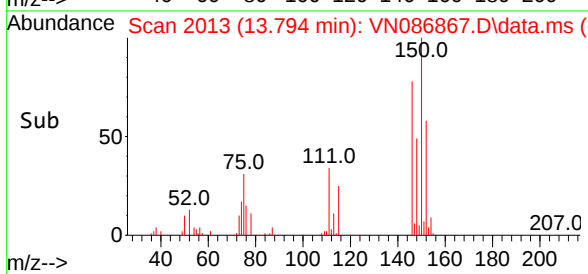
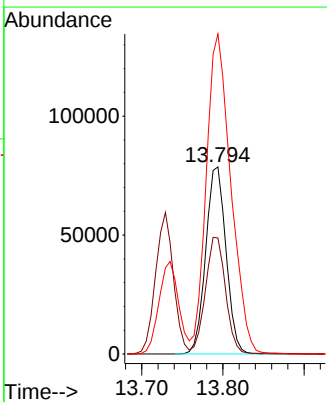
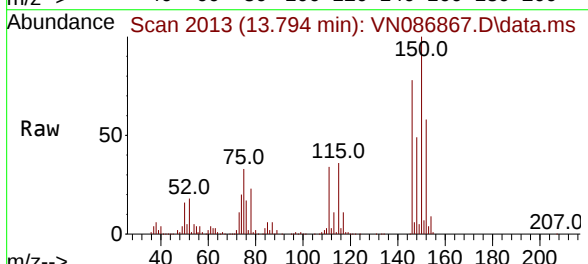
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

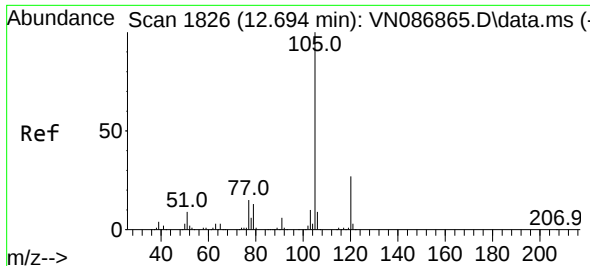
Tgt Ion:	173	Resp:	223200
Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.1	72.4
254	0.0	0.0	0.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN086867.D
 Acq: 06 Jun 2025 14:49

Tgt Ion:	152	Resp:	136630
Ion	Ratio	Lower	Upper
152	100		
115	61.1	30.1	90.5
150	206.7	0.0	345.0

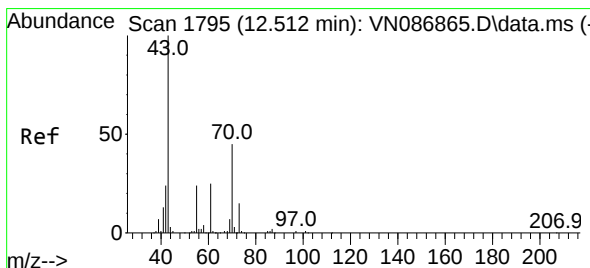
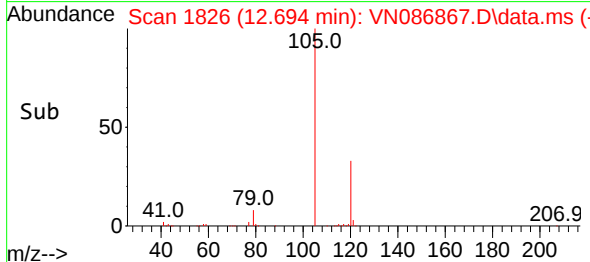
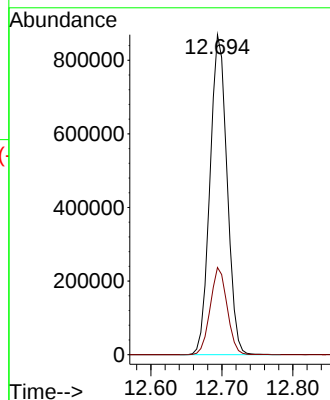
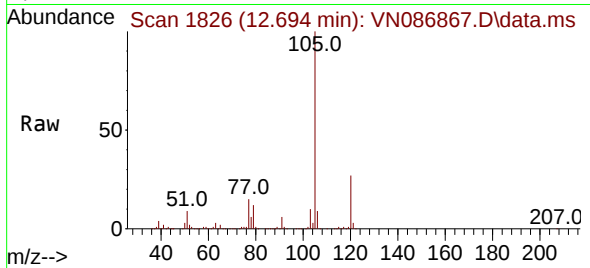




#73
Isopropylbenzene
Concen: 146.042 ug/l
RT: 12.694 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

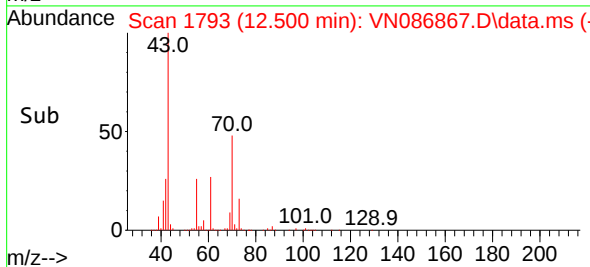
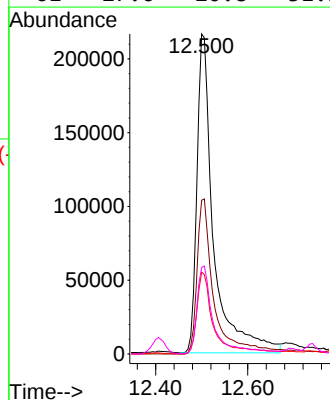
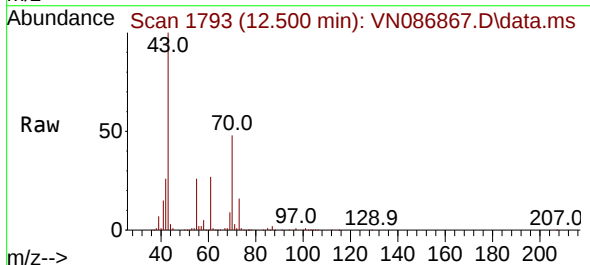
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

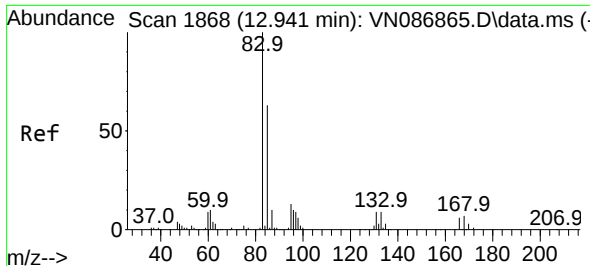
Tgt Ion:105 Resp: 1453651
Ion Ratio Lower Upper
105 100
120 26.9 13.5 40.4



#74
N-ethyl acetate
Concen: 164.596 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.012 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 43 Resp: 543747
Ion Ratio Lower Upper
43 100
70 50.0 37.6 56.4
55 26.1 19.0 28.6
61 27.6 20.8 31.2

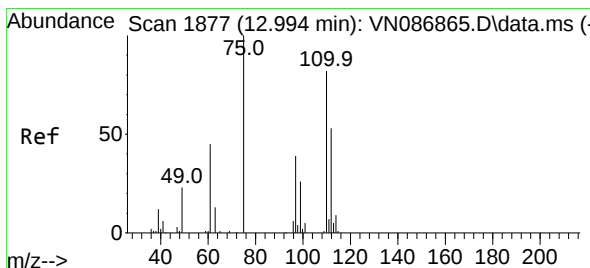
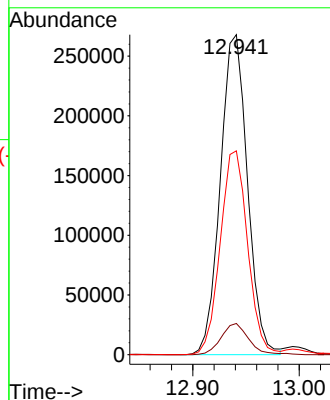
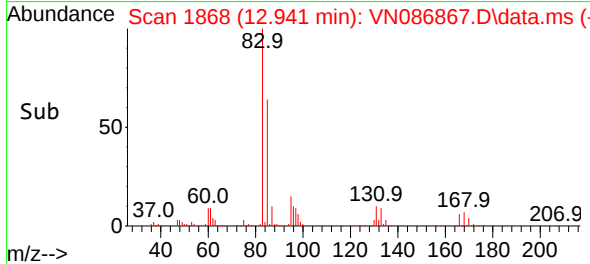
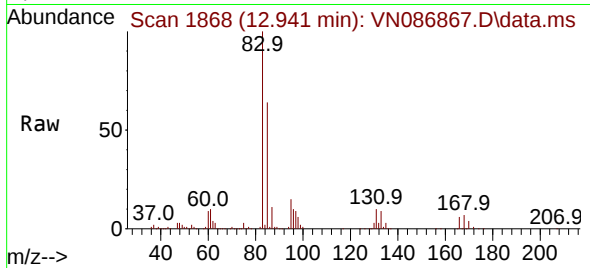




#75
1,1,2,2-Tetrachloroethane
Concen: 140.693 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

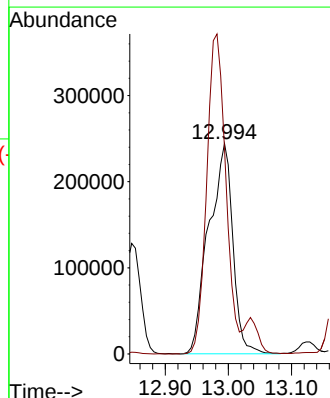
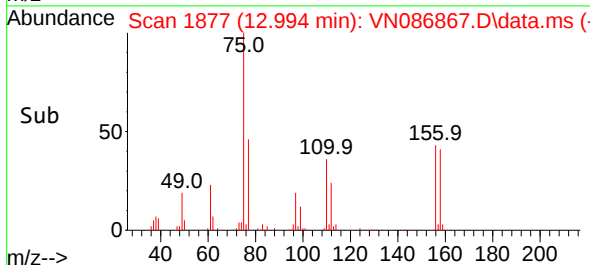
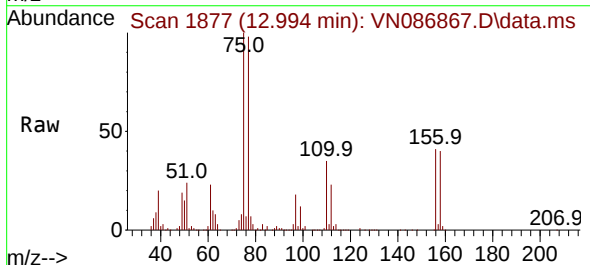
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

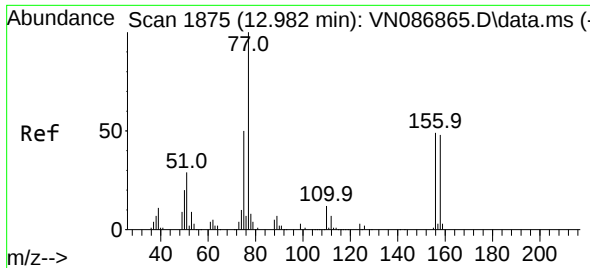
Tgt Ion: 83 Resp: 474426
Ion Ratio Lower Upper
83 100
131 9.9 4.9 14.7
85 64.3 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 197.732 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 75 Resp: 644184
Ion Ratio Lower Upper
75 100
77 120.6 79.3 237.9

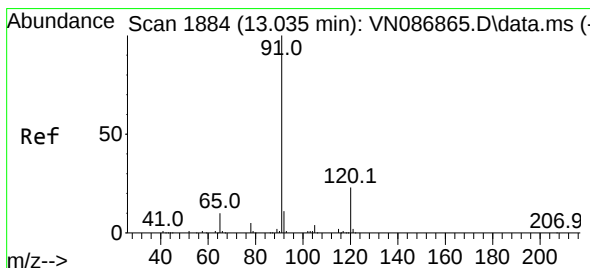
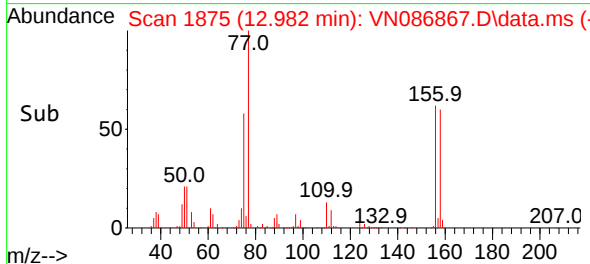
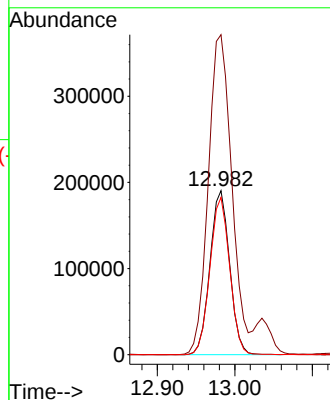
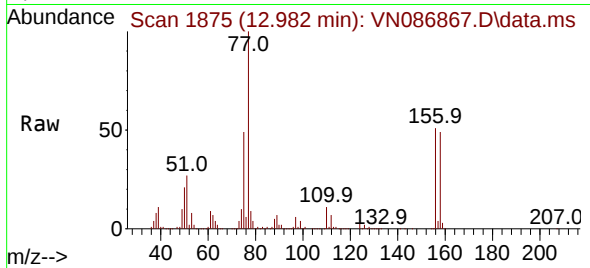




#77
Bromobenzene
Concen: 147.077 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

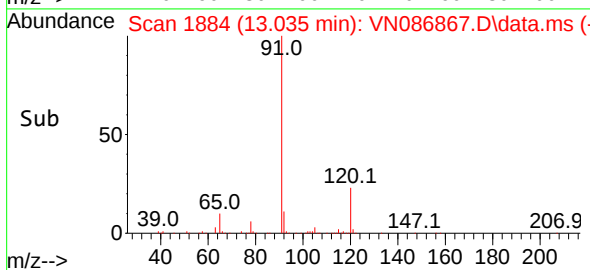
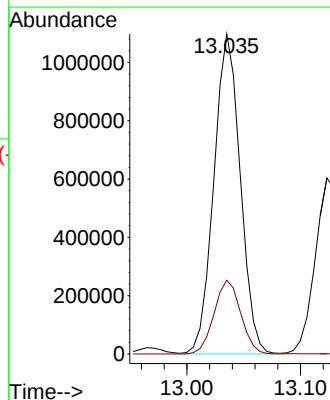
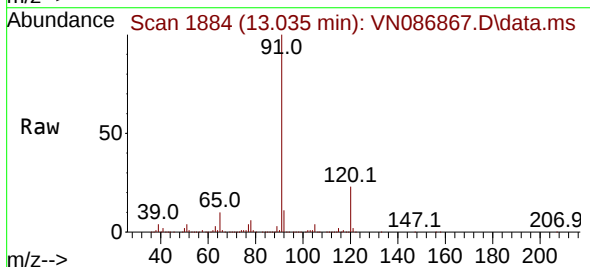
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

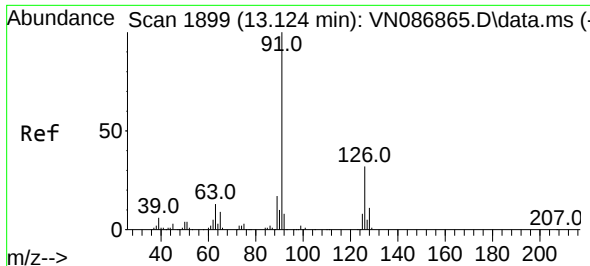
Tgt Ion:156 Resp: 335734
Ion Ratio Lower Upper
156 100
77 231.5 117.7 353.1
158 96.3 48.1 144.4



#78
n-propylbenzene
Concen: 146.301 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 91 Resp: 1769694
Ion Ratio Lower Upper
91 100
120 23.2 11.4 34.2

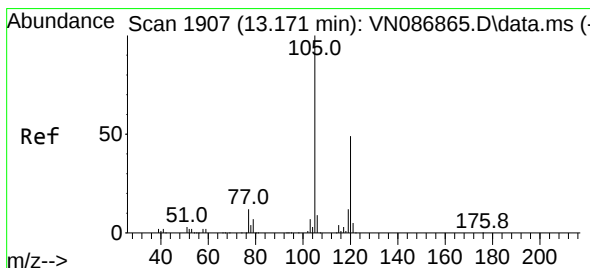
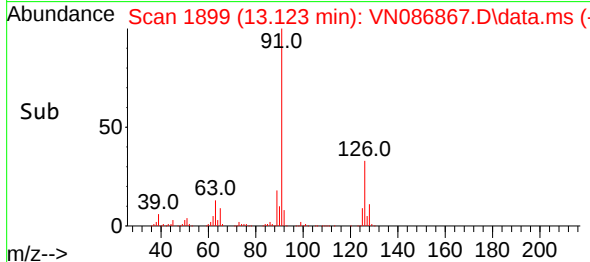
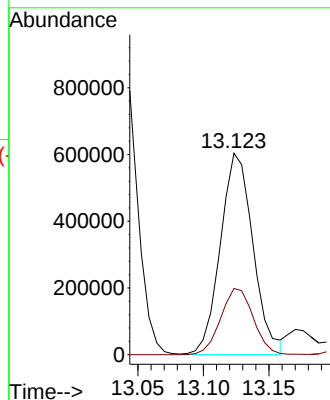
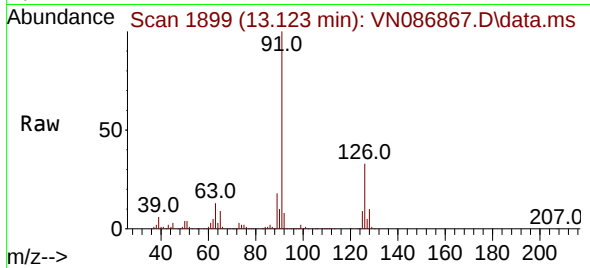




#79
2-Chlorotoluene
Concen: 144.317 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

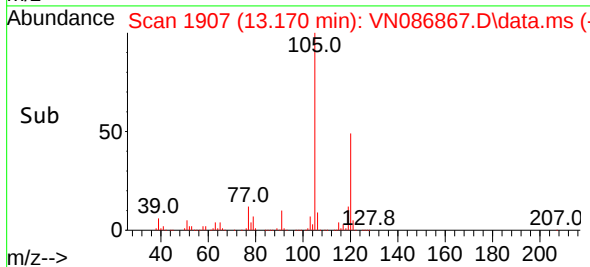
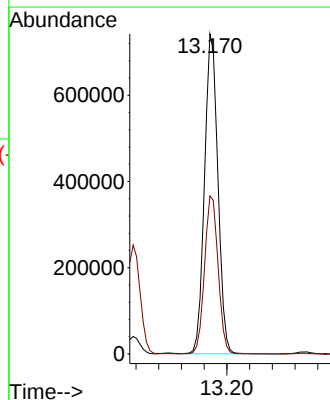
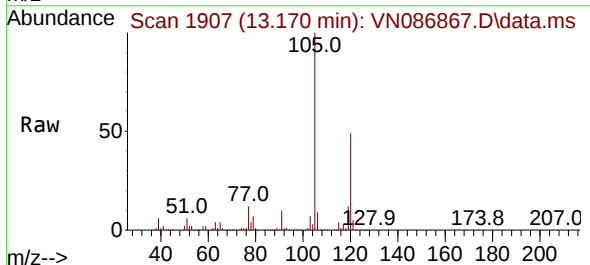
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

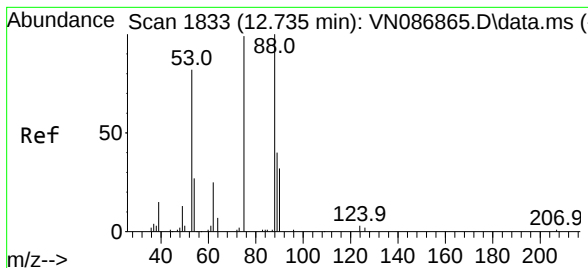
Tgt Ion: 91 Resp: 1046916
Ion Ratio Lower Upper
91 100
126 32.8 16.2 48.5



#80
1,3,5-Trimethylbenzene
Concen: 147.279 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion:105 Resp: 1210325
Ion Ratio Lower Upper
105 100
120 50.0 24.9 74.6

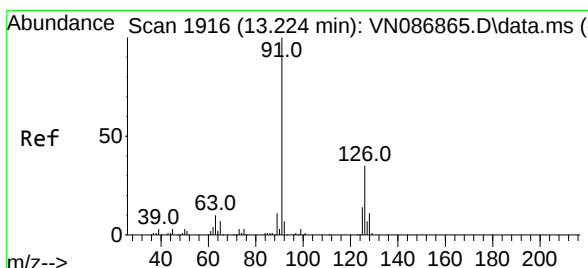
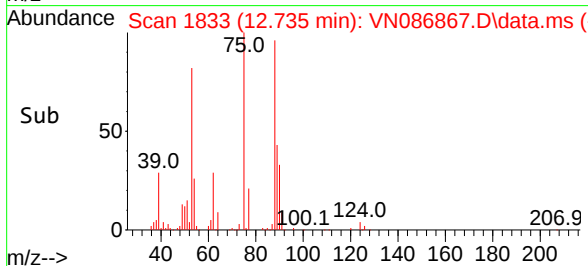
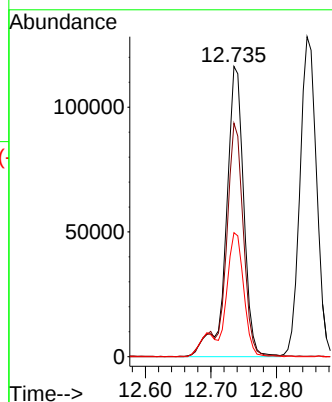
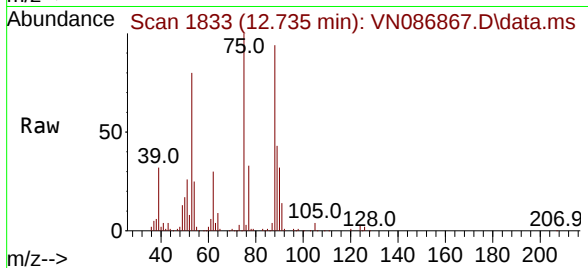




#81
trans-1,4-Dichloro-2-butene
Concen: 153.277 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

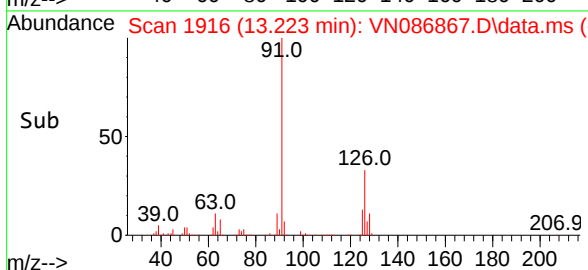
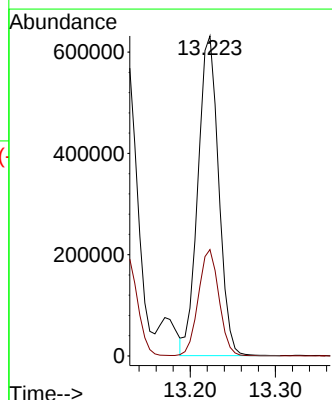
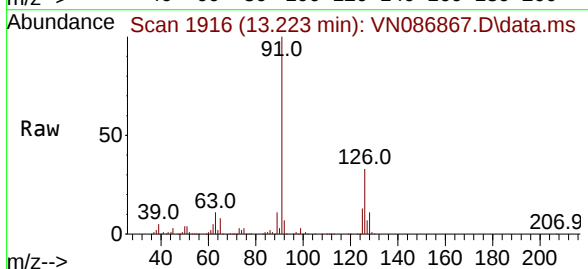
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

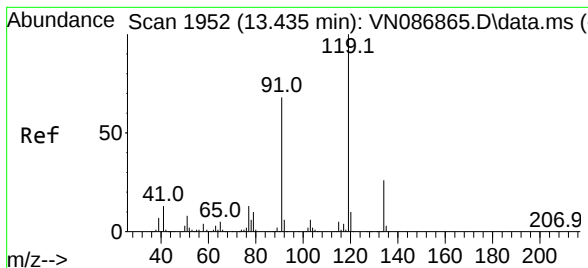
Tgt Ion: 75 Resp: 216253
Ion Ratio Lower Upper
75 100
53 81.3 66.6 99.8
89 40.0 36.7 55.1



#82
4-Chlorotoluene
Concen: 144.900 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 91 Resp: 1063581
Ion Ratio Lower Upper
91 100
126 33.4 16.7 50.1

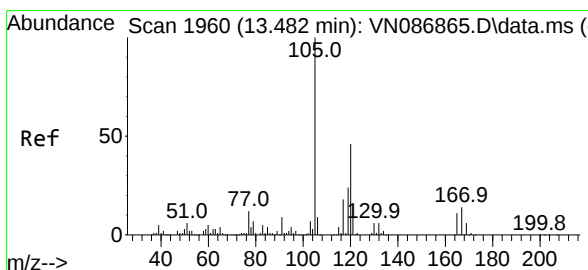
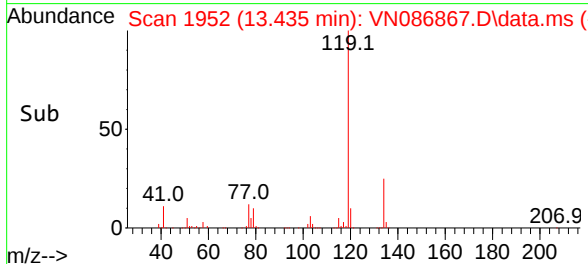
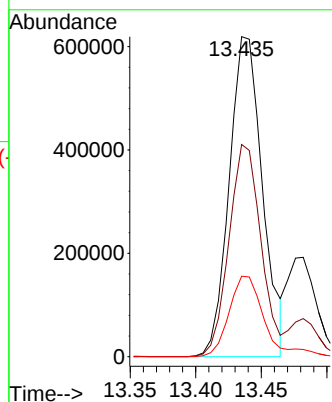
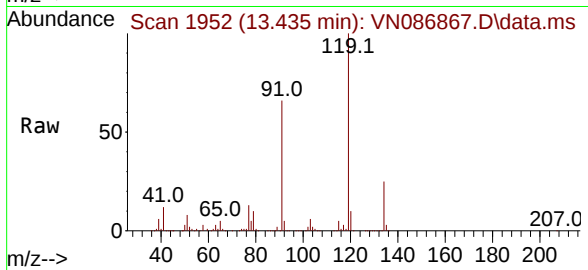




#83
tert-Butylbenzene
Concen: 145.352 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

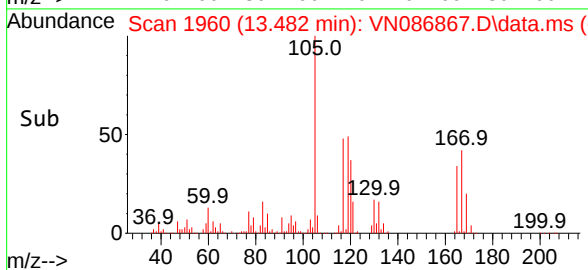
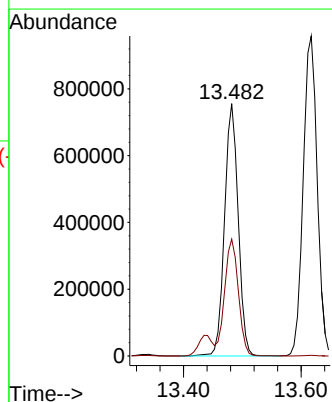
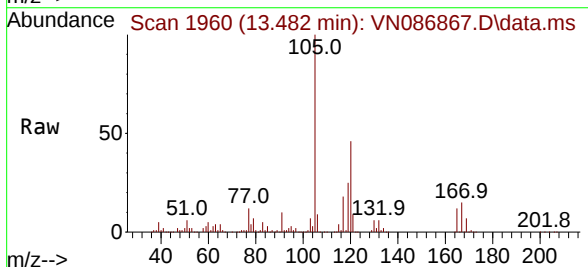
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

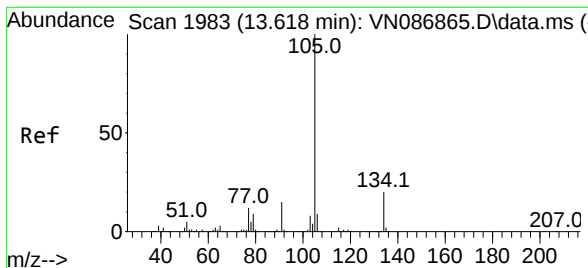
Tgt Ion:119 Resp: 1093406
Ion Ratio Lower Upper
119 100
91 63.8 32.1 96.5
134 26.7 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 147.626 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion:105 Resp: 1216529
Ion Ratio Lower Upper
105 100
120 46.7 23.2 69.6





#85

sec-Butylbenzene

Concen: 144.885 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN086867.D

Acq: 06 Jun 2025 14:49

Instrument :

MSVOA_N

ClientSampleId :

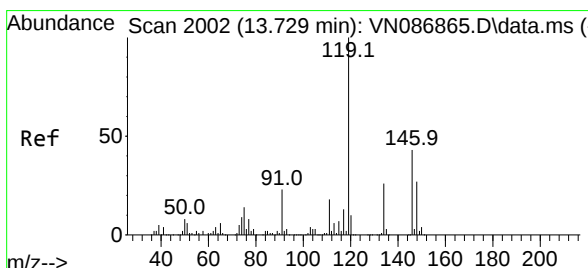
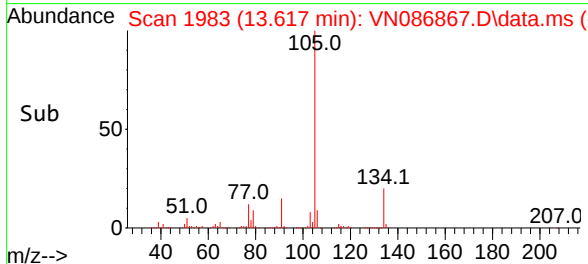
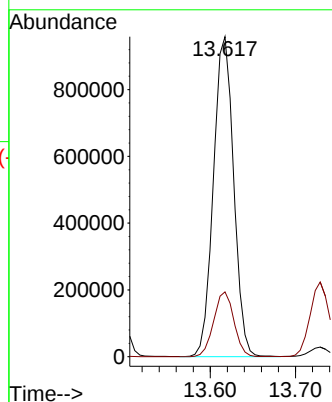
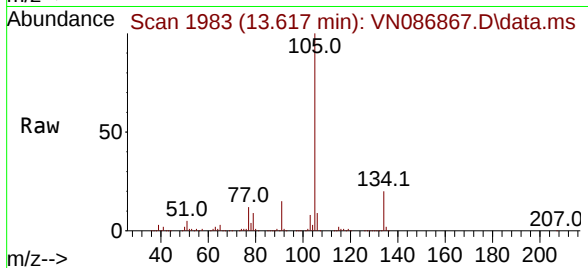
VSTDICC150

Tgt Ion:105 Resp: 1582762

Ion Ratio Lower Upper

105 100

134 20.3 10.0 30.0



#86

p-Isopropyltoluene

Concen: 146.482 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN086867.D

Acq: 06 Jun 2025 14:49

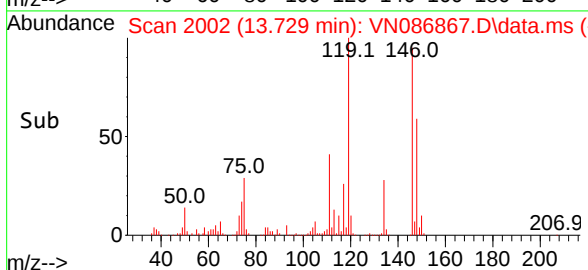
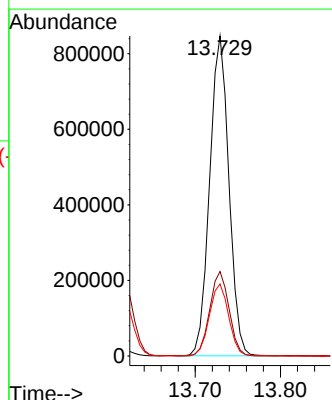
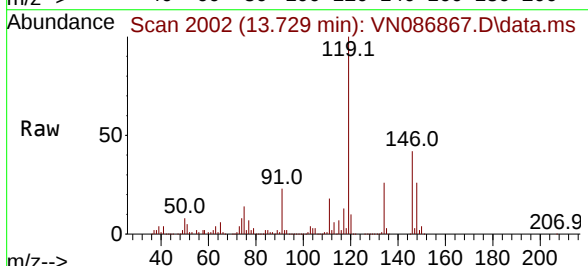
Tgt Ion:119 Resp: 1322780

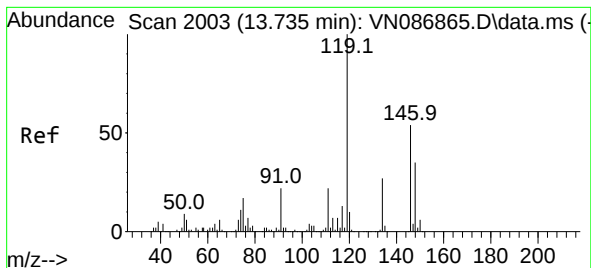
Ion Ratio Lower Upper

119 100

134 26.4 13.5 40.4

91 22.7 11.5 34.4





#87

1,3-Dichlorobenzene

Concen: 142.939 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN086867.D

Acq: 06 Jun 2025 14:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

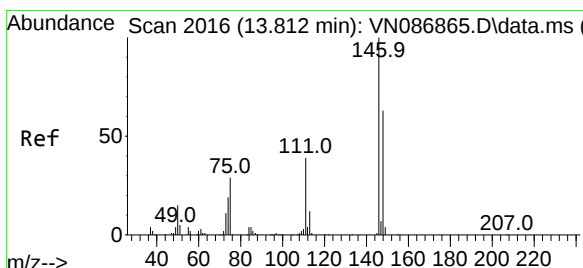
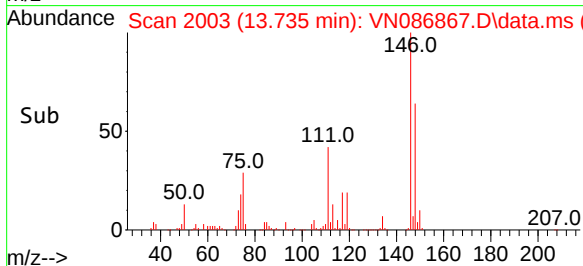
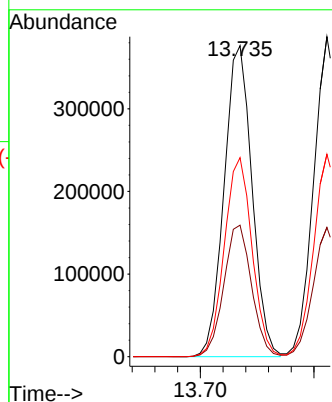
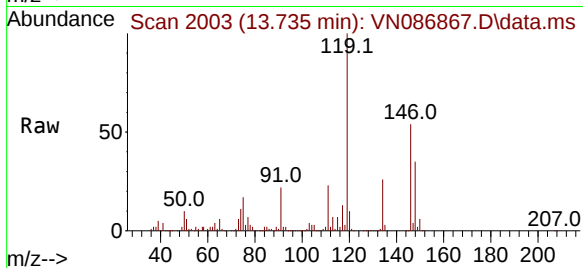
Tgt Ion:146 Resp: 641966

Ion Ratio Lower Upper

146 100

111 42.1 20.9 62.8

148 63.8 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 141.124 ug/l

RT: 13.811 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN086867.D

Acq: 06 Jun 2025 14:49

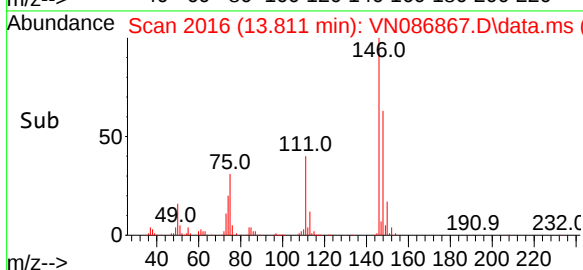
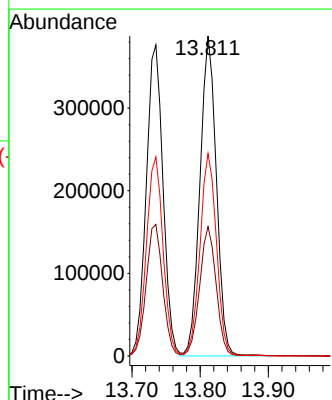
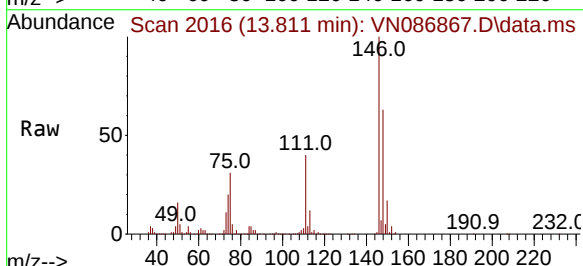
Tgt Ion:146 Resp: 646188

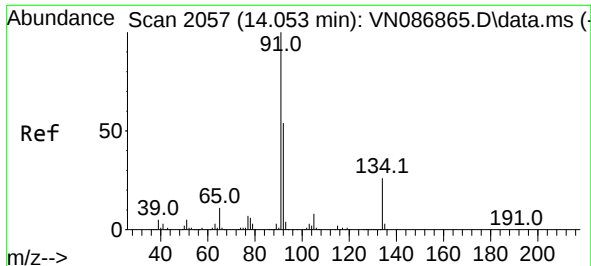
Ion Ratio Lower Upper

146 100

111 40.2 19.9 59.7

148 63.2 31.8 95.4

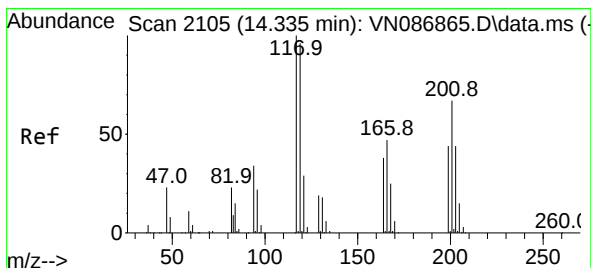
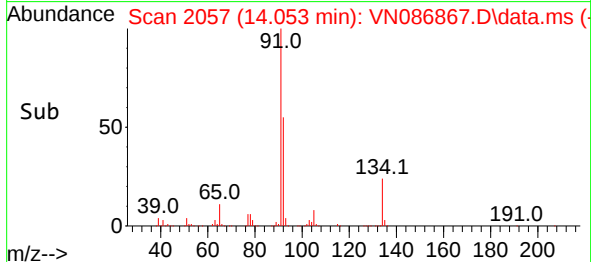
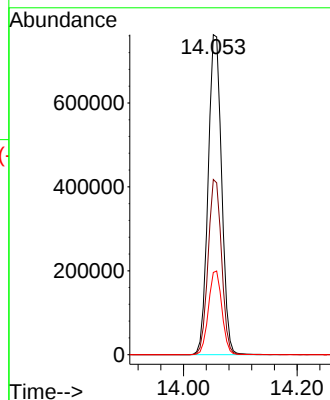
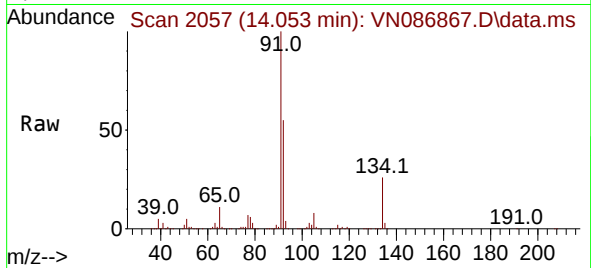




#89
n-Butylbenzene
Concen: 143.117 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

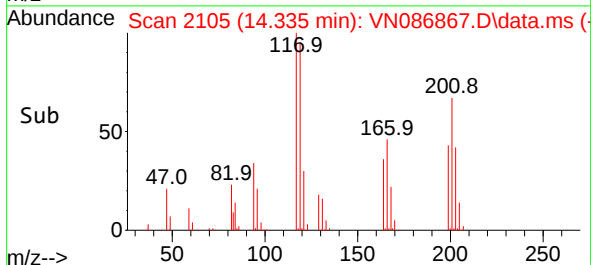
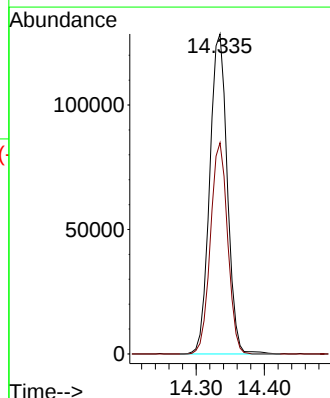
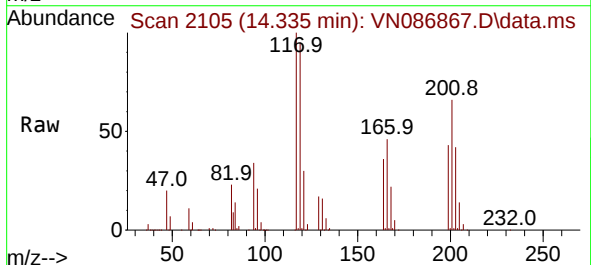
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

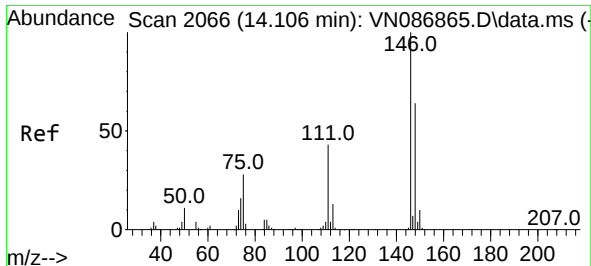
Tgt Ion: 91 Resp: 1251819
Ion Ratio Lower Upper
91 100
92 54.6 27.5 82.4
134 26.1 13.0 39.0



#90
Hexachloroethane
Concen: 150.387 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 117 Resp: 230195
Ion Ratio Lower Upper
117 100
201 64.5 33.2 99.6

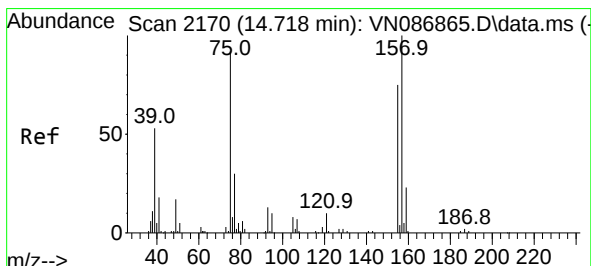
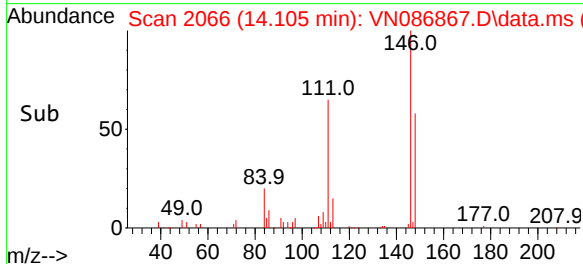
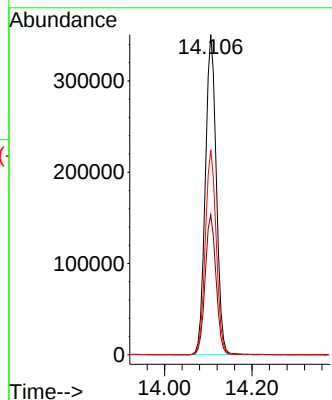
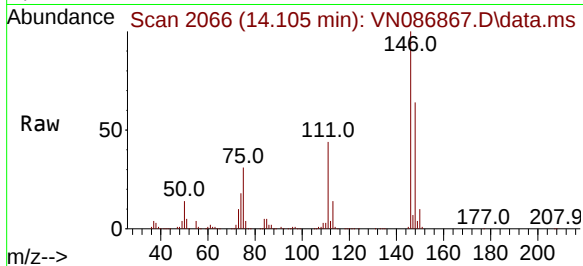




#91
1,2-Dichlorobenzene
Concen: 142.108 ug/l
RT: 14.105 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

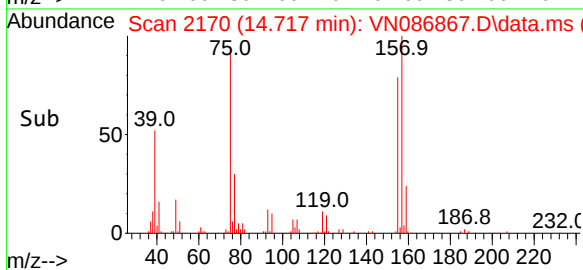
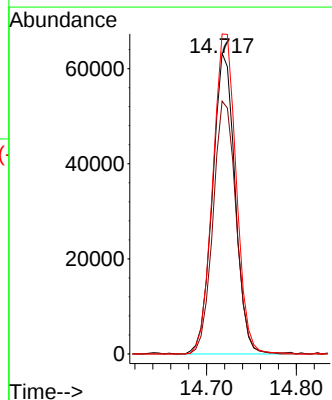
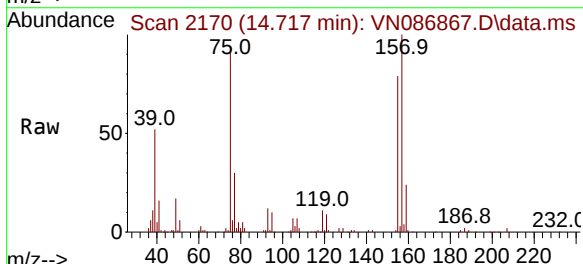
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

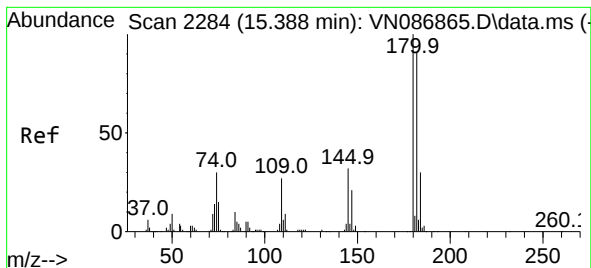
Tgt Ion:146 Resp: 613177
Ion Ratio Lower Upper
146 100
111 43.4 21.6 64.6
148 63.8 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 137.242 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 75 Resp: 110677
Ion Ratio Lower Upper
75 100
155 85.5 41.1 123.4
157 110.2 52.7 158.1





#93

1,2,4-Trichlorobenzene

Concen: 147.940 ug/l

RT: 15.394 min Scan# 2284

Delta R.T. 0.006 min

Lab File: VN086867.D

Acq: 06 Jun 2025 14:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

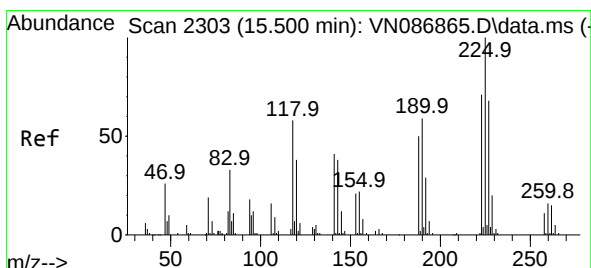
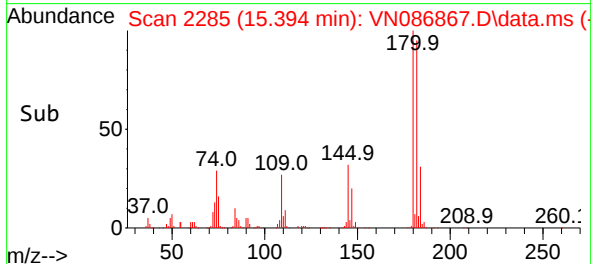
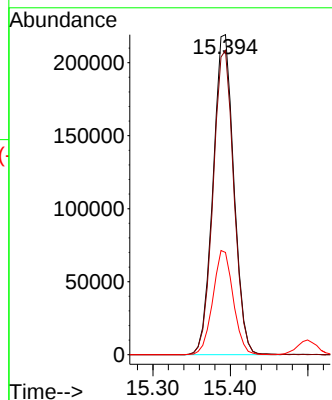
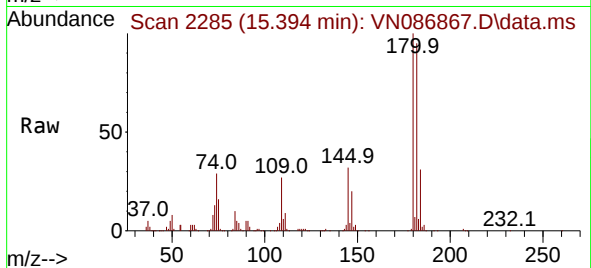
Tgt Ion:180 Resp: 407621

Ion Ratio Lower Upper

180 100

182 95.0 46.9 140.7

145 32.0 16.0 47.9



#94

Hexachlorobutadiene

Concen: 147.264 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN086867.D

Acq: 06 Jun 2025 14:49

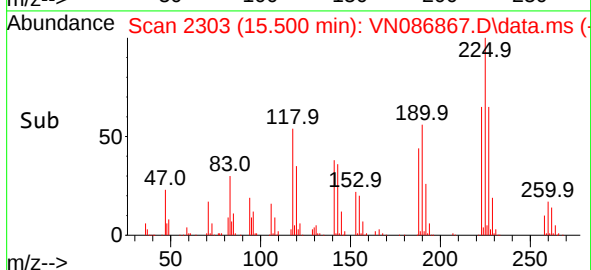
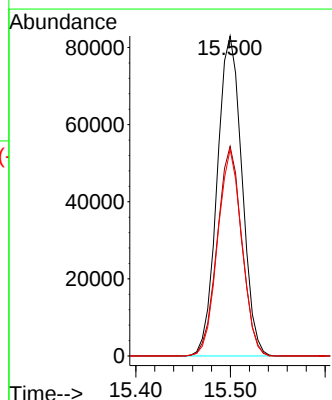
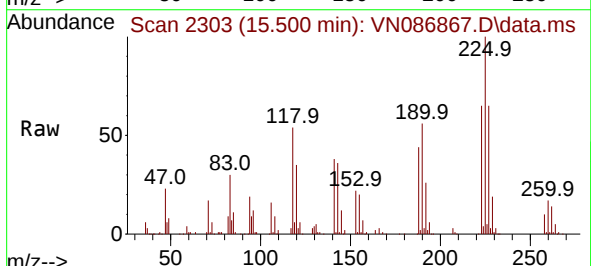
Tgt Ion:225 Resp: 151172

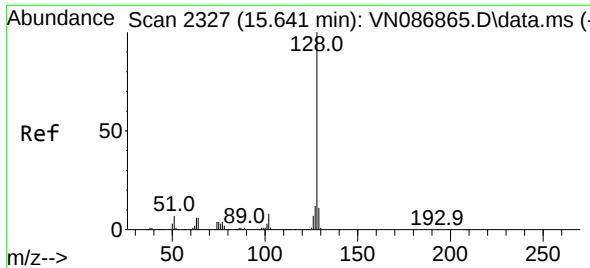
Ion Ratio Lower Upper

225 100

223 64.8 33.5 100.4

227 63.0 31.1 93.5

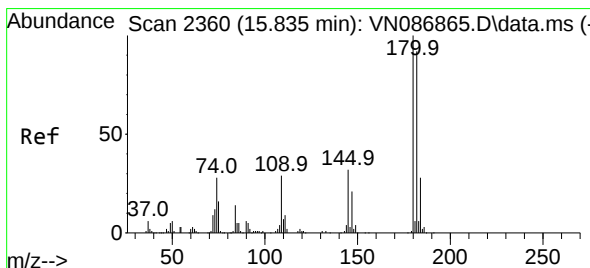
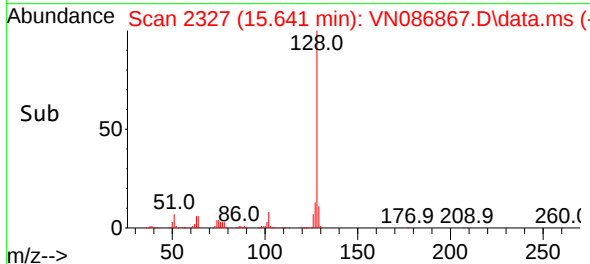
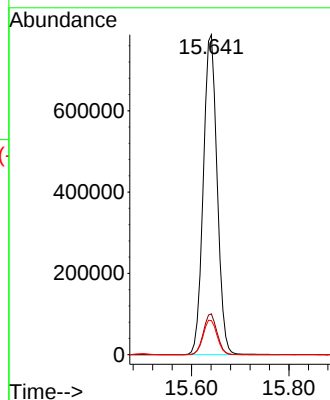
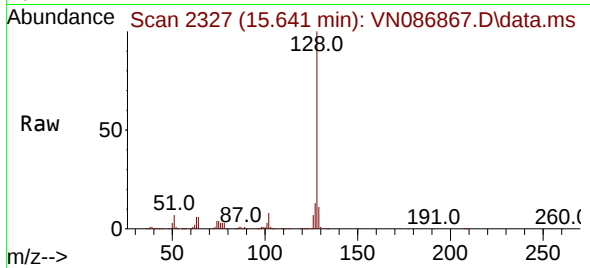




#95
Naphthalene
Concen: 150.743 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 1545981
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 147.743 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion:180 Resp: 404450
Ion Ratio Lower Upper
180 100
182 94.7 47.0 141.0
145 33.6 16.6 49.8

