

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060925\
 Data File : VN086893.D
 Acq On : 09 Jun 2025 10:50
 Operator : JC\MD
 Sample : VN0609WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0609WBS01

Quant Time: Jun 09 13:27:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	266986	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	481053	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	422488	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	202169	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	202389	56.618	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 113.240%	
35) Dibromofluoromethane	8.177	113	166951	58.562	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 117.120%	
50) Toluene-d8	10.565	98	622867	55.191	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 110.380%	
62) 4-Bromofluorobenzene	12.847	95	233615	55.716	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 111.440%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.154	85	51523	19.355	ug/l	100
3) Chloromethane	2.395	50	57302	16.670	ug/l	98
4) Vinyl Chloride	2.554	62	64913	18.306	ug/l	96
5) Bromomethane	2.995	94	41012	20.668	ug/l	100
6) Chloroethane	3.159	64	44644	19.491	ug/l	99
7) Trichlorofluoromethane	3.530	101	89135	19.239	ug/l	99
8) Diethyl Ether	3.983	74	46365	22.969	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.400	101	55767	19.159	ug/l	96
10) Methyl Iodide	4.612	142	67793	17.967	ug/l	95
11) Tert butyl alcohol	5.536	59	102670	105.851	ug/l	98
12) 1,1-Dichloroethene	4.365	96	59847	20.139	ug/l	93
13) Acrolein	4.200	56	29042	94.593	ug/l	99
14) Allyl chloride	5.048	41	88856	18.030	ug/l	97
15) Acrylonitrile	5.736	53	249150	109.898	ug/l	99
16) Acetone	4.448	43	186059	98.150	ug/l	99
17) Carbon Disulfide	4.736	76	147605	17.957	ug/l	99
18) Methyl Acetate	5.042	43	119428	21.619	ug/l	96
19) Methyl tert-butyl Ether	5.818	73	246789	22.937	ug/l	99
20) Methylene Chloride	5.295	84	72770	20.504	ug/l	95
21) trans-1,2-Dichloroethene	5.806	96	64982	19.655	ug/l	93
22) Diisopropyl ether	6.683	45	213617	20.563	ug/l	97
23) Vinyl Acetate	6.618	43	935448	106.579	ug/l	97
24) 1,1-Dichloroethane	6.583	63	118296	19.787	ug/l	98
25) 2-Butanone	7.489	43	315151	102.277	ug/l	98
26) 2,2-Dichloropropane	7.500	77	97539	20.974	ug/l	96
27) cis-1,2-Dichloroethene	7.500	96	83955	21.233	ug/l	96
28) Bromochloromethane	7.824	49	63228	21.510	ug/l	91
29) Tetrahydrofuran	7.847	42	210156	104.697	ug/l	94
30) Chloroform	7.977	83	119528	20.020	ug/l	100
31) Cyclohexane	8.265	56	99106	17.094	ug/l	89
32) 1,1,1-Trichloroethane	8.177	97	98672	19.432	ug/l	93
36) 1,1-Dichloropropene	8.377	75	82550	19.433	ug/l	99
37) Ethyl Acetate	7.571	43	118150	21.848	ug/l	98
38) Carbon Tetrachloride	8.365	117	80592	19.324	ug/l	96
39) Methylcyclohexane	9.606	83	99387	17.077	ug/l	96
40) Benzene	8.612	78	281242	20.246	ug/l	98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	63106	20.779	ug/l	93
42) 1,2-Dichloroethane	8.677	62	89967	21.353	ug/l	98
43) Isopropyl Acetate	8.694	43	184375	21.243	ug/l	96
44) Trichloroethene	9.353	130	68709	20.860	ug/l	94
45) 1,2-Dichloropropane	9.624	63	70359	20.819	ug/l	97
46) Dibromomethane	9.712	93	50518	22.505	ug/l	97
47) Bromodichloromethane	9.888	83	97765	21.168	ug/l	94
48) Methyl methacrylate	9.682	41	82557	20.666	ug/l	94
49) 1,4-Dioxane	9.700	88	34752	478.183	ug/l #	96
51) 4-Methyl-2-Pentanone	10.447	43	573654	109.788	ug/l	97
52) Toluene	10.629	92	186254	21.940	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	116115	22.484	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	121569	22.000	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	74365	22.766	ug/l	95
56) Ethyl methacrylate	10.882	69	125687	24.158	ug/l	93
57) 1,3-Dichloropropane	11.165	76	125890	22.217	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	349023	112.472	ug/l	97
59) 2-Hexanone	11.200	43	368271	109.420	ug/l	91
60) Dibromochloromethane	11.359	129	77533	22.781	ug/l	100
61) 1,2-Dibromoethane	11.471	107	76919	22.974	ug/l	98
64) Tetrachloroethene	11.106	164	52176	19.514	ug/l	97
65) Chlorobenzene	11.888	112	195119	20.940	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	65205	21.769	ug/l	98
67) Ethyl Benzene	11.965	91	317590	19.787	ug/l	99
68) m/p-Xylenes	12.071	106	251284	40.899	ug/l	97
69) o-Xylene	12.394	106	122737	20.858	ug/l	99
70) Styrene	12.412	104	213765	21.229	ug/l	99
71) Bromoform	12.582	173	52554	23.680	ug/l #	99
73) Isopropylbenzene	12.694	105	293400	19.921	ug/l	99
74) N-amyl acetate	12.523	43	117821	22.893	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	116789	23.407	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	155522	32.362	ug/l	67
77) Bromobenzene	12.976	156	76143	22.543	ug/l	100
78) n-propylbenzene	13.035	91	346865	19.379	ug/l	99
79) 2-Chlorotoluene	13.123	91	216311	20.152	ug/l	96
80) 1,3,5-Trimethylbenzene	13.171	105	244158	20.079	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	51065	24.461	ug/l	90
82) 4-Chlorotoluene	13.218	91	219687	20.227	ug/l	98
83) tert-Butylbenzene	13.435	119	221806	19.927	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	248941	20.416	ug/l	100
85) sec-Butylbenzene	13.612	105	303760	18.792	ug/l	99
86) p-Isopropyltoluene	13.729	119	259754	19.440	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	140762	21.181	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	143075	21.117	ug/l	100
89) n-Butylbenzene	14.053	91	235600	18.204	ug/l	99
90) Hexachloroethane	14.329	117	42184	18.625	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	136855	21.435	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	26513	22.219	ug/l	90
93) 1,2,4-Trichlorobenzene	15.388	180	79356	19.464	ug/l	99
94) Hexachlorobutadiene	15.494	225	27017	17.787	ug/l	99
95) Naphthalene	15.635	128	327594	21.587	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	77458	19.122	ug/l	100

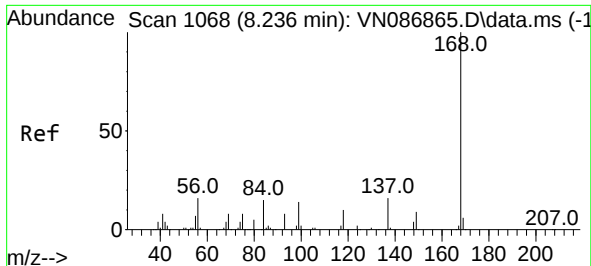
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QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

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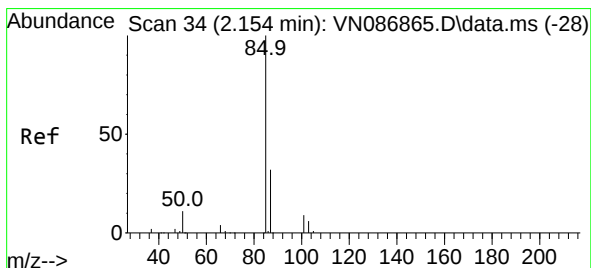
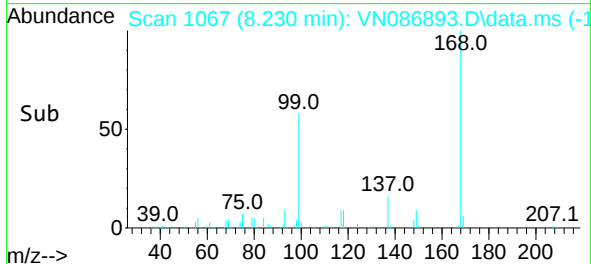
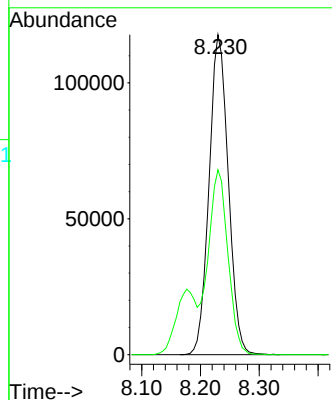
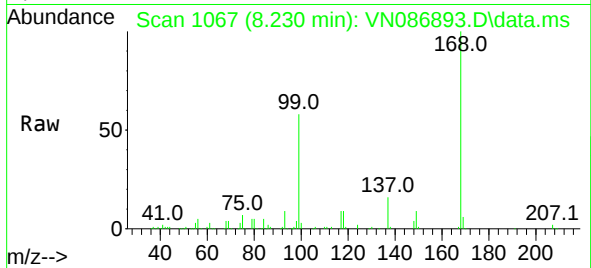
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN086893.D
Acq: 09 Jun 2025 10:50

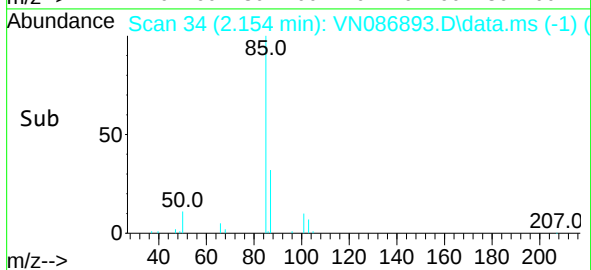
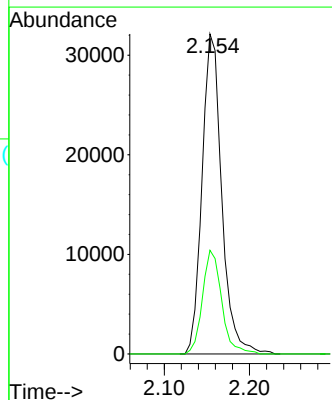
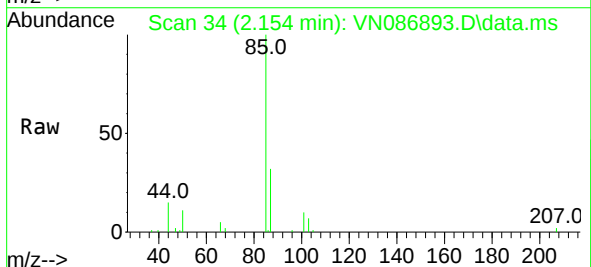
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ClientSampleId :
VN0609WBS01

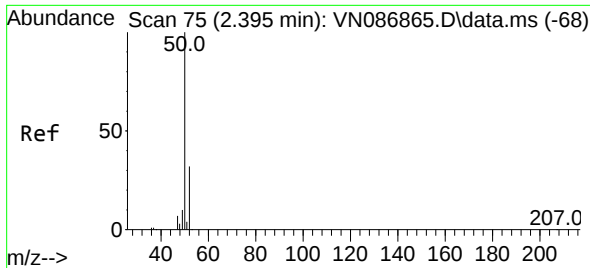
Tgt Ion:168 Resp: 266986
Ion Ratio Lower Upper
168 100
99 57.8 49.1 73.7



#2
Dichlorodifluoromethane
Concen: 19.355 ug/l
RT: 2.154 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN086893.D
Acq: 09 Jun 2025 10:50

Tgt Ion: 85 Resp: 51523
Ion Ratio Lower Upper
85 100
87 32.4 16.2 48.6

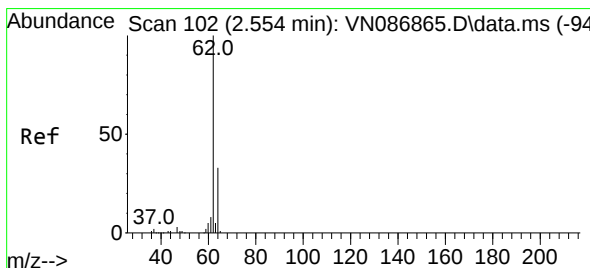
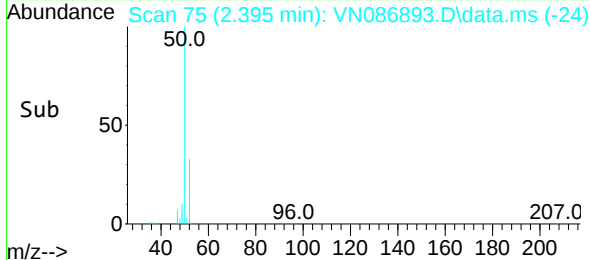
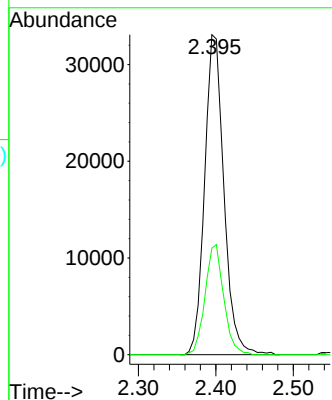
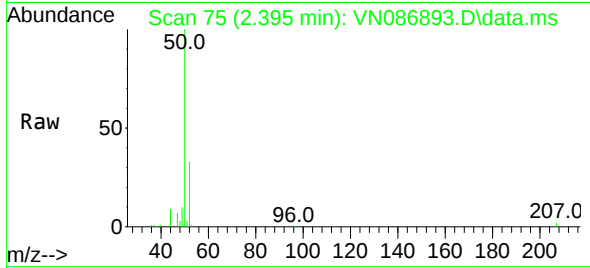




#3
Chloromethane
Concen: 16.670 ug/l
RT: 2.395 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN086893.D
Acq: 09 Jun 2025 10:50

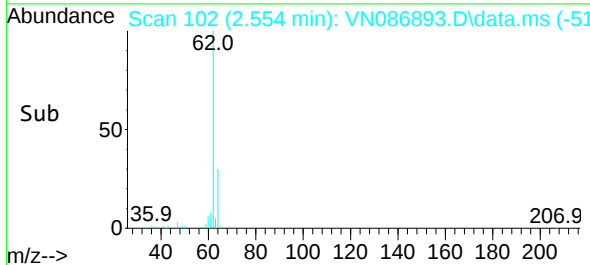
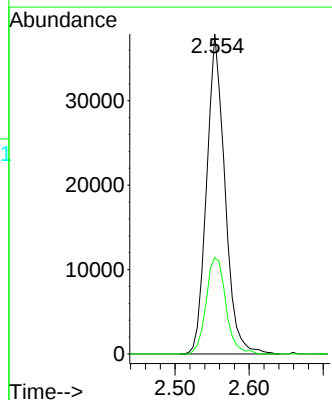
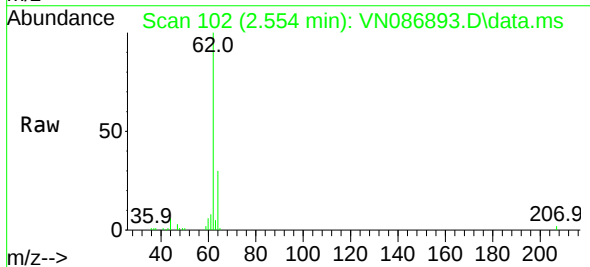
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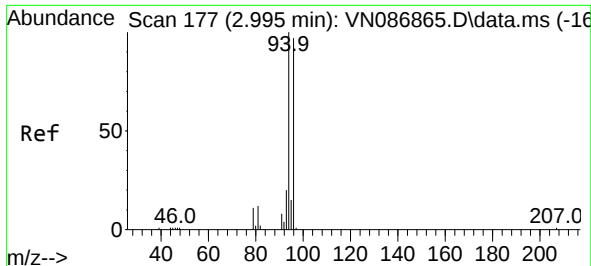
Tgt Ion: 50 Resp: 57302
Ion Ratio Lower Upper
50 100
52 33.3 25.7 38.5



#4
Vinyl Chloride
Concen: 18.306 ug/l
RT: 2.554 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN086893.D
Acq: 09 Jun 2025 10:50

Tgt Ion: 62 Resp: 64913
Ion Ratio Lower Upper
62 100
64 30.1 26.0 39.0

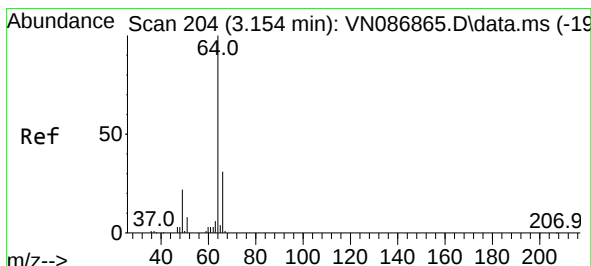
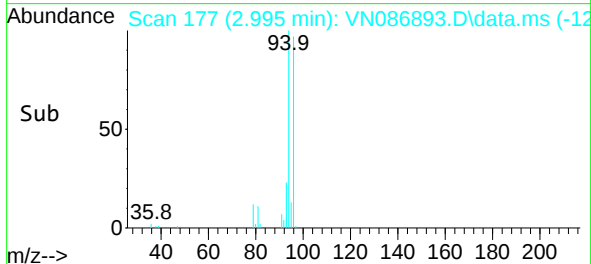
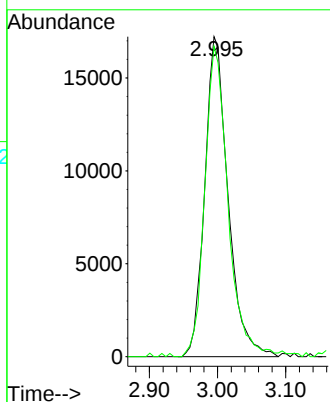
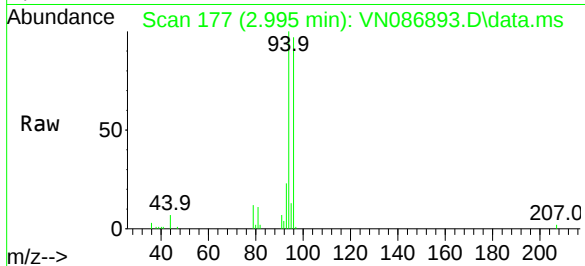




#5
Bromomethane
Concen: 20.668 ug/l
RT: 2.995 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086893.D
Acq: 09 Jun 2025 10:50

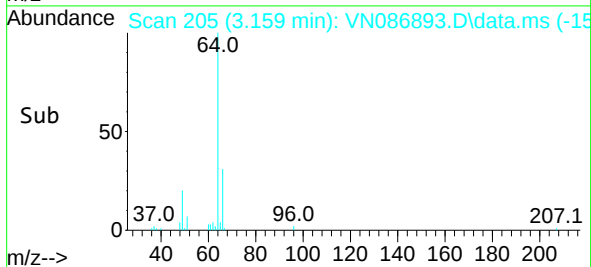
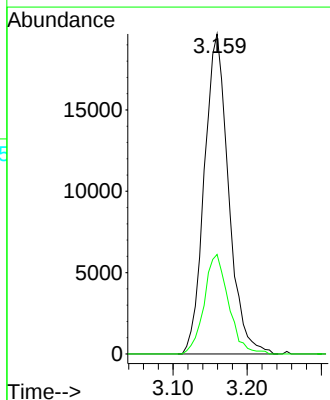
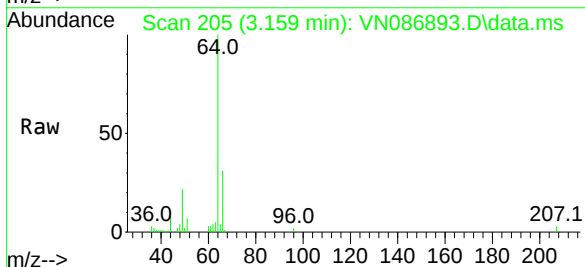
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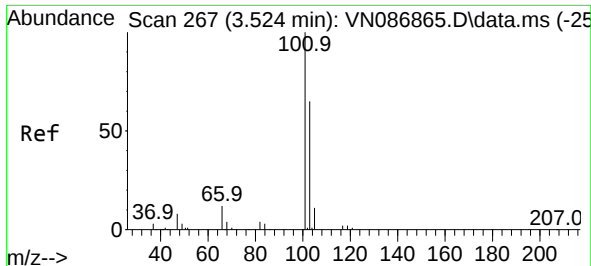
Tgt Ion: 94 Resp: 41012
Ion Ratio Lower Upper
94 100
96 96.9 77.9 116.9



#6
Chloroethane
Concen: 19.491 ug/l
RT: 3.159 min Scan# 205
Delta R.T. 0.006 min
Lab File: VN086893.D
Acq: 09 Jun 2025 10:50

Tgt Ion: 64 Resp: 44644
Ion Ratio Lower Upper
64 100
66 31.1 24.6 36.8

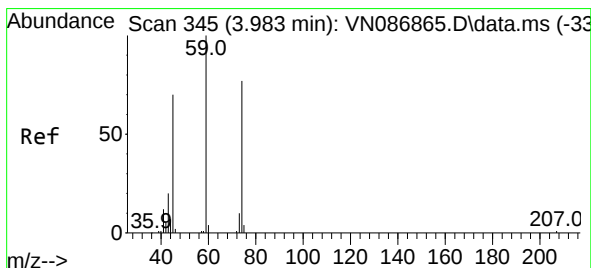
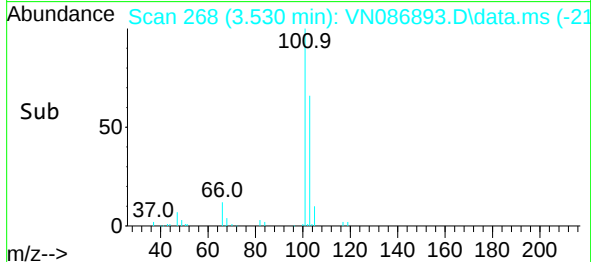
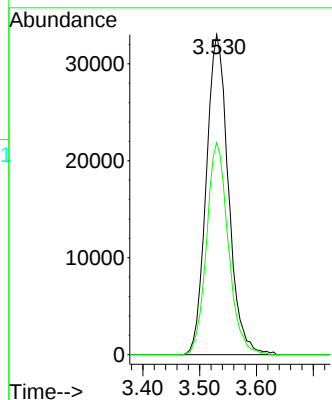
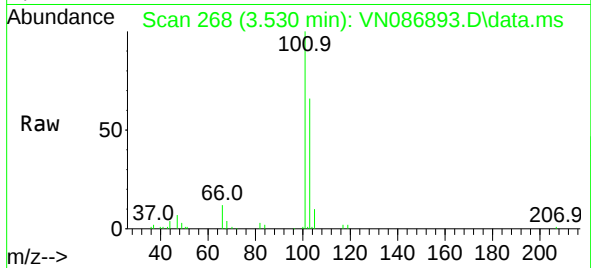




#7
 Trichlorofluoromethane
 Concen: 19.239 ug/l
 RT: 3.530 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN086893.D
 Acq: 09 Jun 2025 10:50

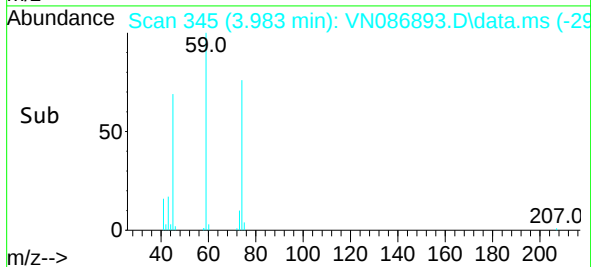
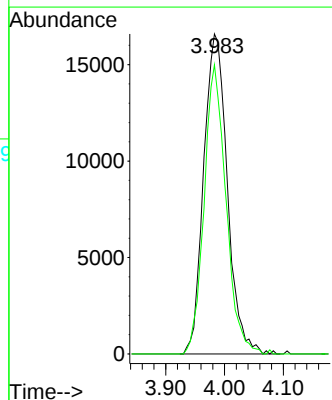
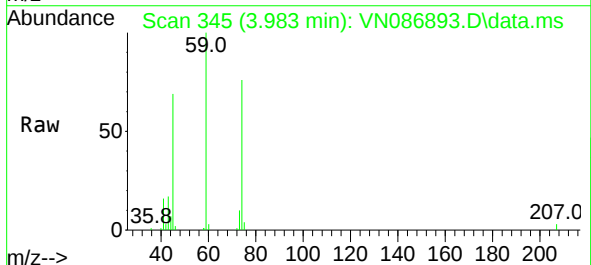
Instrument :
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 ClientSampleId :
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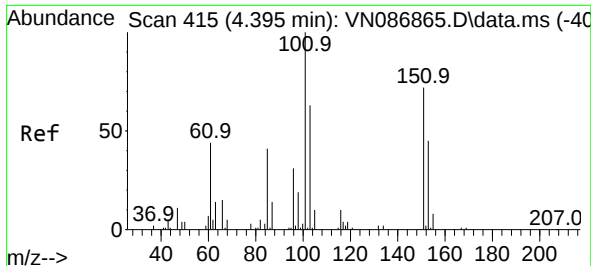
Tgt Ion:101 Resp: 89135
 Ion Ratio Lower Upper
 101 100
 103 66.2 52.2 78.2



#8
 Diethyl Ether
 Concen: 22.969 ug/l
 RT: 3.983 min Scan# 345
 Delta R.T. -0.000 min
 Lab File: VN086893.D
 Acq: 09 Jun 2025 10:50

Tgt Ion: 74 Resp: 46365
 Ion Ratio Lower Upper
 74 100
 45 83.5 45.5 136.5

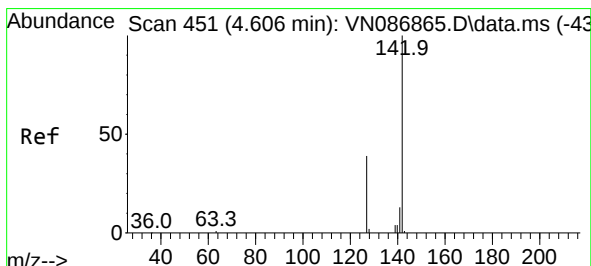
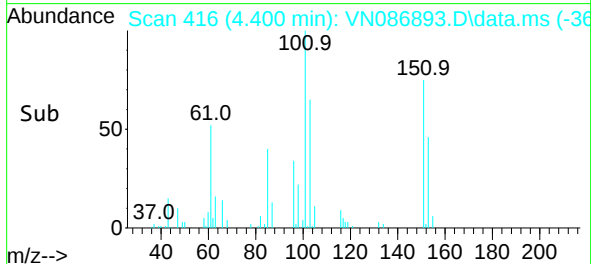
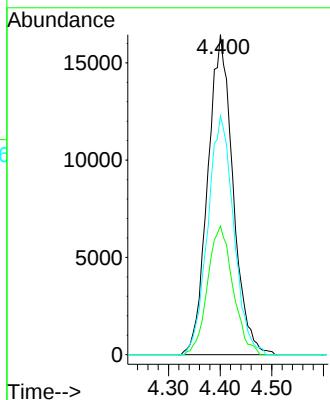
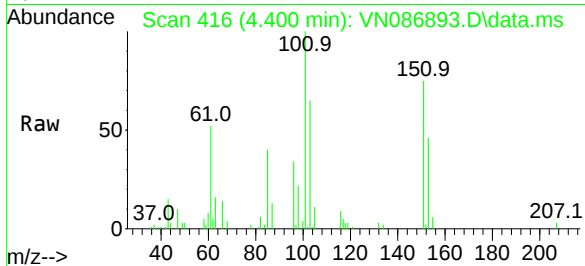




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.159 ug/l
RT: 4.400 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN086893.D
Acq: 09 Jun 2025 10:50

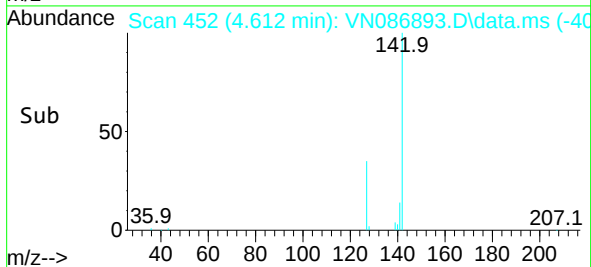
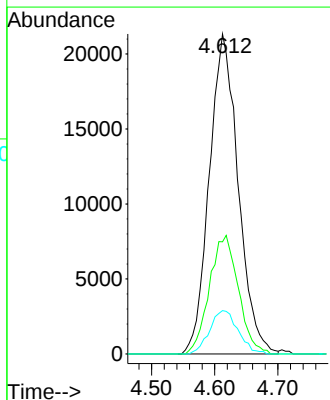
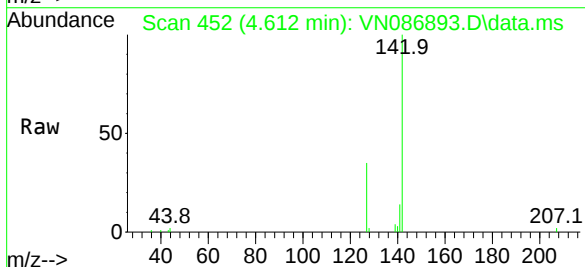
Instrument :
MSVOA_N
ClientSampleId :
VN0609WBS01

Tgt Ion:101 Resp: 55767
Ion Ratio Lower Upper
101 100
85 40.4 33.8 50.8
151 76.7 58.7 88.1



#10
Methyl Iodide
Concen: 17.967 ug/l
RT: 4.612 min Scan# 452
Delta R.T. 0.006 min
Lab File: VN086893.D
Acq: 09 Jun 2025 10:50

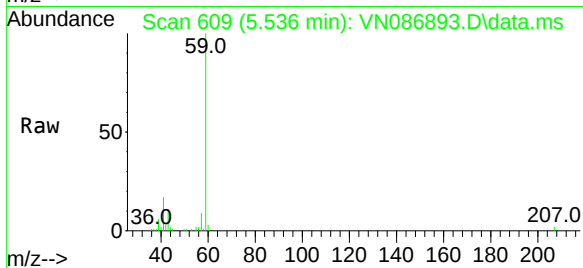
Tgt Ion:142 Resp: 67793
Ion Ratio Lower Upper
142 100
127 35.0 30.9 46.3
141 13.5 10.4 15.6



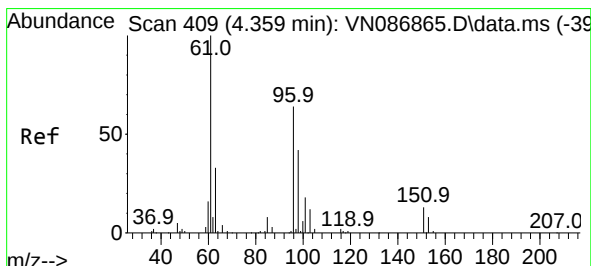
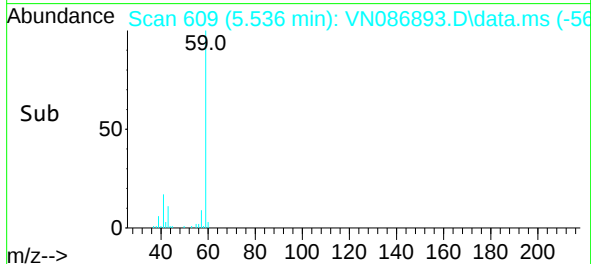
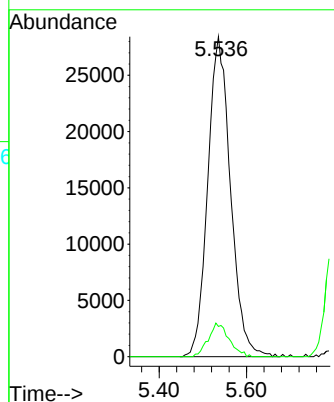


#11
Tert butyl alcohol
Concen: 105.851 ug/l
RT: 5.536 min Scan# 611
Delta R.T. -0.012 min
Lab File: VN086893.D
Acq: 09 Jun 2025 10:50

Instrument :
MSVOA_N
ClientSampleId :
VN0609WBS01

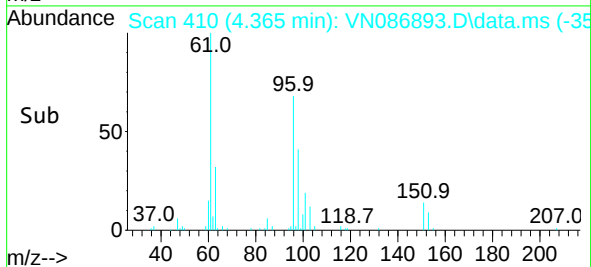
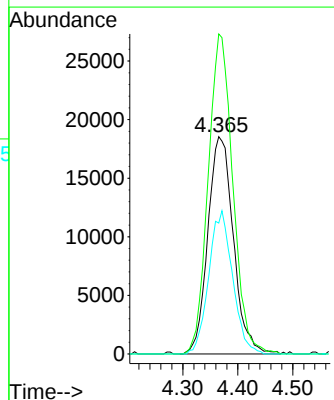
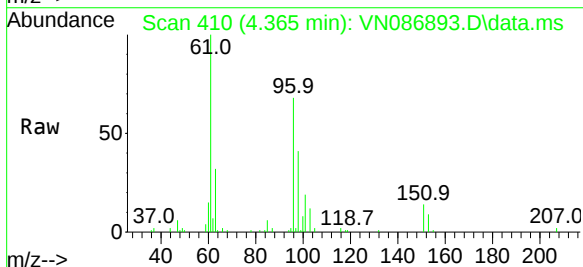


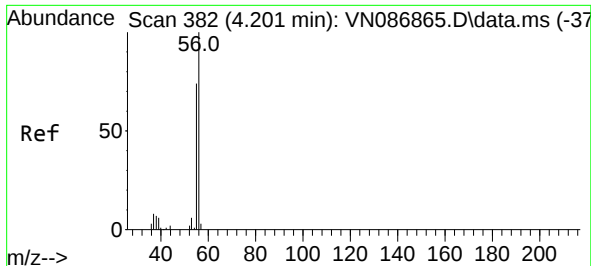
Tgt Ion: 59 Resp: 102670
Ion Ratio Lower Upper
59 100
57 9.5 8.1 12.1



#12
1,1-Dichloroethene
Concen: 20.139 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN086893.D
Acq: 09 Jun 2025 10:50

Tgt Ion: 96 Resp: 59847
Ion Ratio Lower Upper
96 100
61 147.3 125.8 188.6
98 60.2 52.5 78.7





#13

Acrolein

Concen: 94.593 ug/l

RT: 4.200 min Scan# 382

Delta R.T. -0.000 min

Lab File: VN086893.D

Acq: 09 Jun 2025 10:50

Instrument :

MSVOA_N

ClientSampleId :

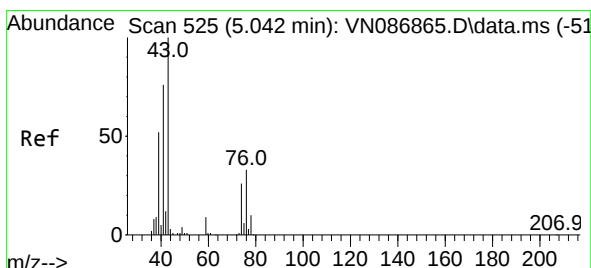
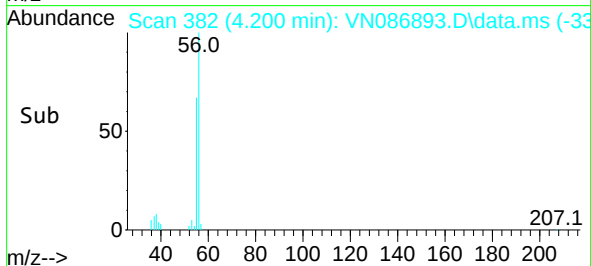
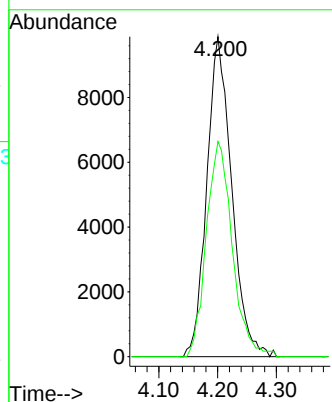
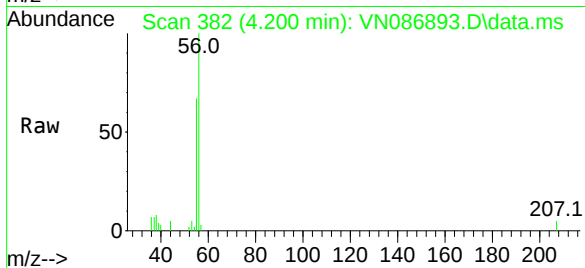
VN0609WBS01

Tgt Ion: 56 Resp: 29042

Ion Ratio Lower Upper

56 100

55 70.1 55.6 83.4



#14

Allyl chloride

Concen: 18.030 ug/l

RT: 5.048 min Scan# 526

Delta R.T. 0.006 min

Lab File: VN086893.D

Acq: 09 Jun 2025 10:50

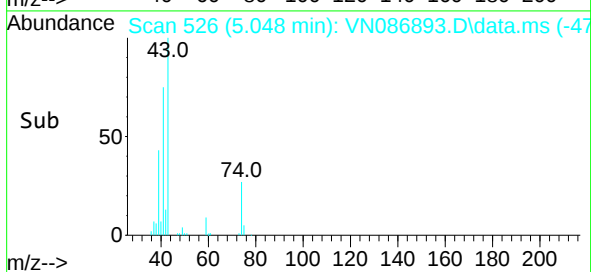
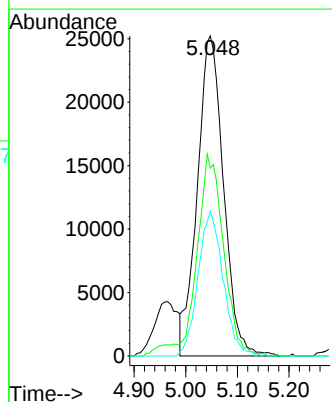
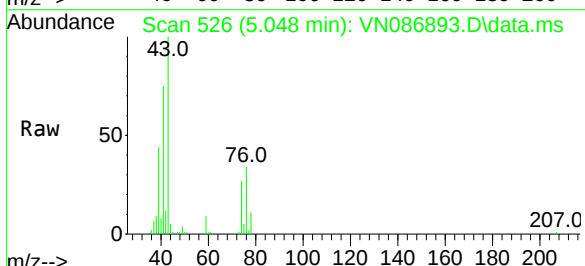
Tgt Ion: 41 Resp: 88856

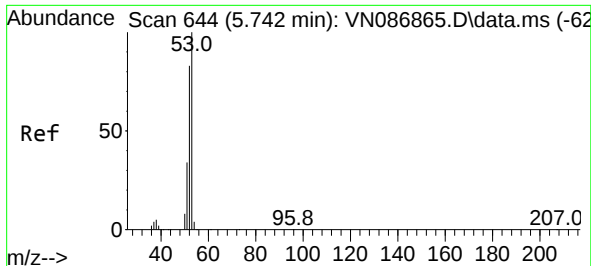
Ion Ratio Lower Upper

41 100

39 65.3 51.3 76.9

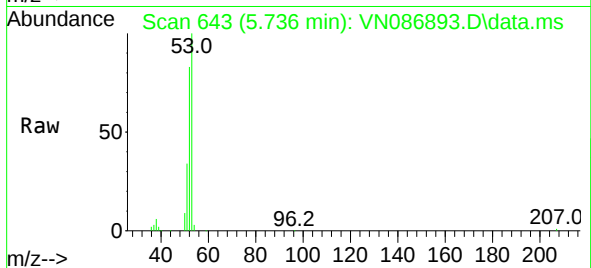
76 43.2 31.4 47.0





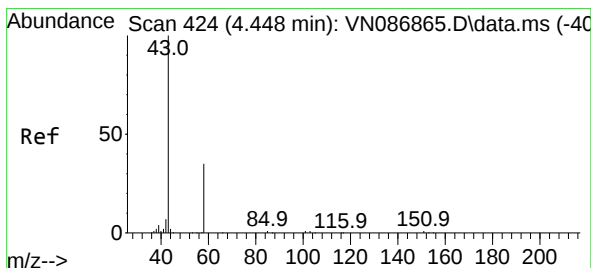
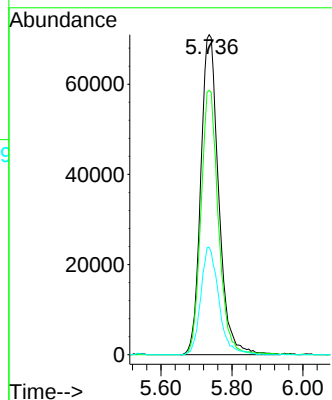
#15
Acrylonitrile
Concen: 109.898 ug/l
RT: 5.736 min Scan# 644
Delta R.T. -0.006 min
Lab File: VN086893.D
Acq: 09 Jun 2025 10:50

Instrument :
MSVOA_N
ClientSampleId :
VN0609WBS01



Tgt Ion: 53 Resp: 249150

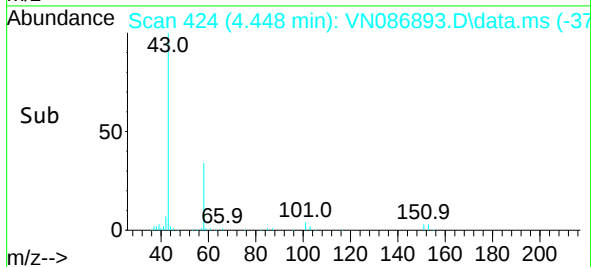
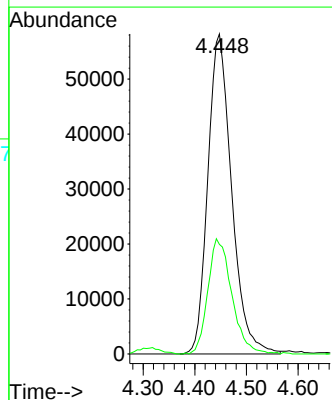
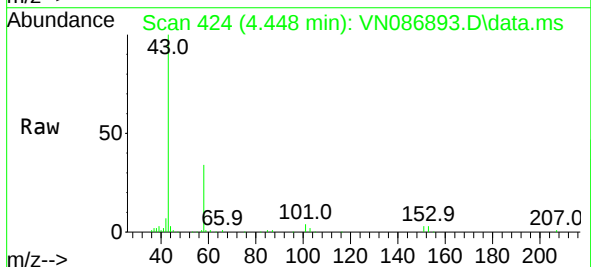
Ion	Ratio	Lower	Upper
53	100		
52	80.3	65.0	97.6
51	34.0	27.2	40.8



#16
Acetone
Concen: 98.150 ug/l
RT: 4.448 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN086893.D
Acq: 09 Jun 2025 10:50

Tgt Ion: 43 Resp: 186059

Ion	Ratio	Lower	Upper
43	100		
58	34.2	28.0	42.0

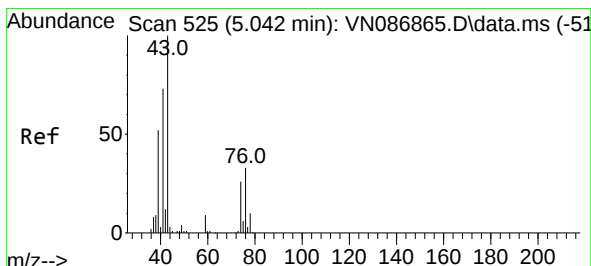
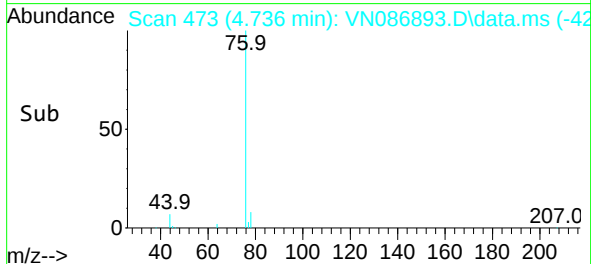
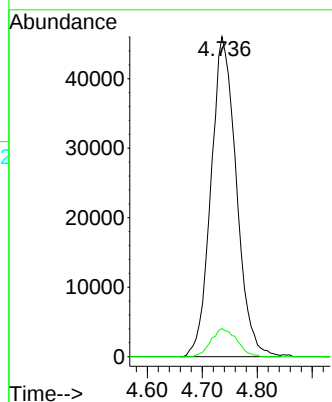
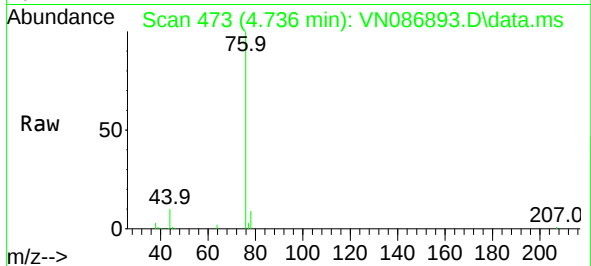




#17
Carbon Disulfide
Concen: 17.957 ug/l
RT: 4.736 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN086893.D
Acq: 09 Jun 2025 10:50

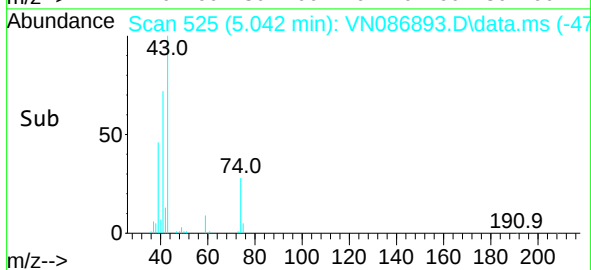
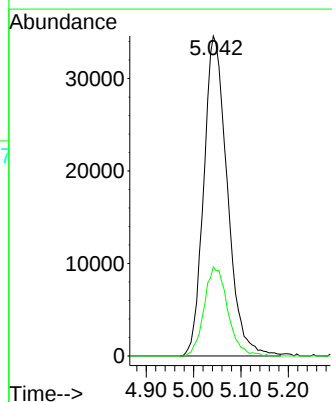
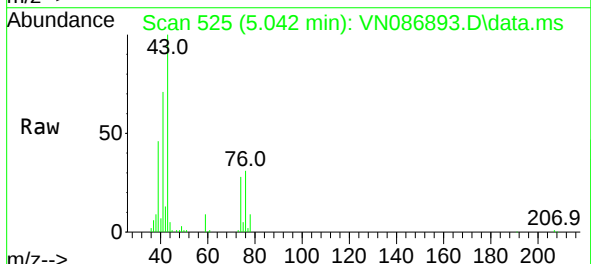
Instrument :
MSVOA_N
ClientSampleId :
VN0609WBS01

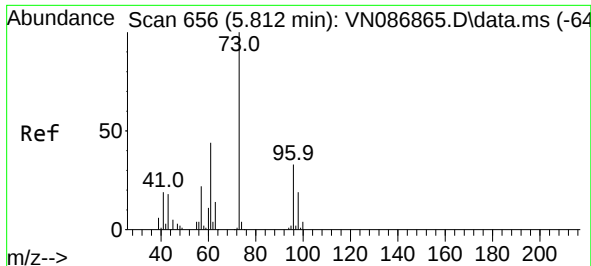
Tgt Ion: 76 Resp: 147605
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9



#18
Methyl Acetate
Concen: 21.619 ug/l
RT: 5.042 min Scan# 525
Delta R.T. -0.000 min
Lab File: VN086893.D
Acq: 09 Jun 2025 10:50

Tgt Ion: 43 Resp: 119428
Ion Ratio Lower Upper
43 100
74 27.8 20.7 31.1

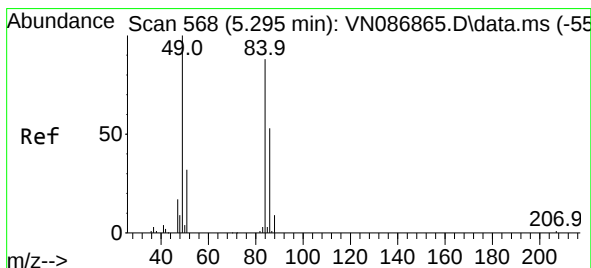
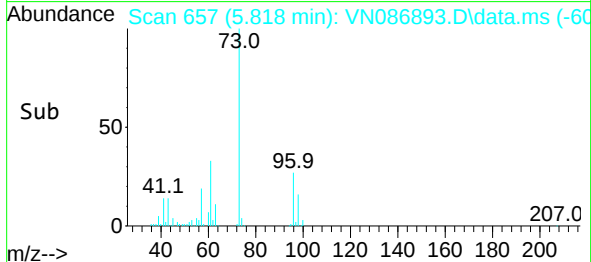
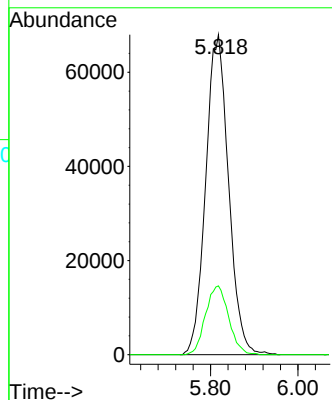
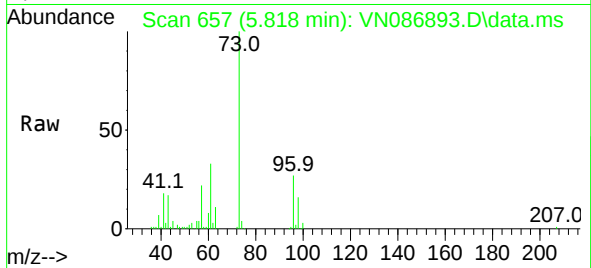




#19
Methyl tert-butyl Ether
Concen: 22.937 ug/l
RT: 5.818 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086893.D
Acq: 09 Jun 2025 10:50

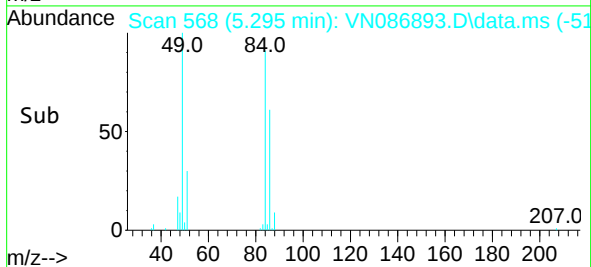
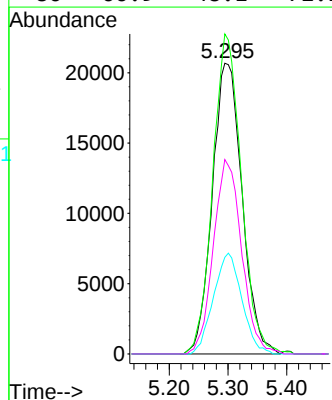
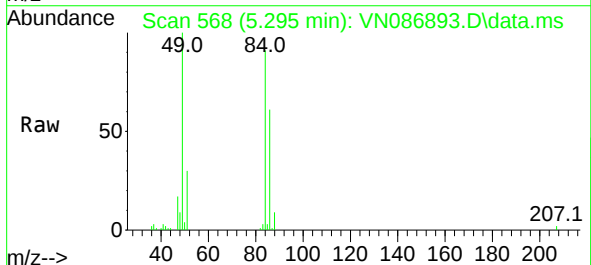
Instrument :
MSVOA_N
ClientSampleId :
VN0609WBS01

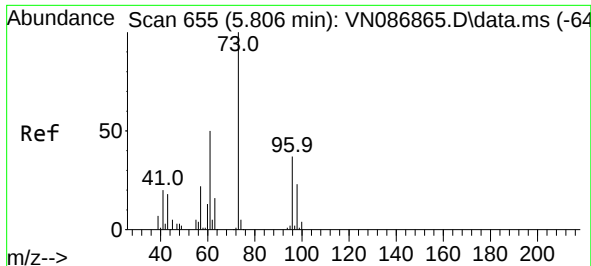
Tgt Ion: 73 Resp: 246789
Ion Ratio Lower Upper
73 100
57 21.5 17.4 26.2



#20
Methylene Chloride
Concen: 20.504 ug/l
RT: 5.295 min Scan# 568
Delta R.T. -0.000 min
Lab File: VN086893.D
Acq: 09 Jun 2025 10:50

Tgt Ion: 84 Resp: 72770
Ion Ratio Lower Upper
84 100
49 110.1 90.5 135.7
51 33.2 28.5 42.7
86 66.9 48.1 72.1

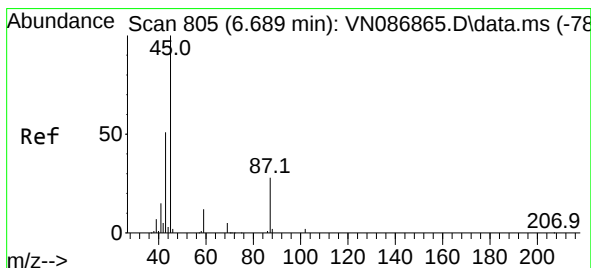
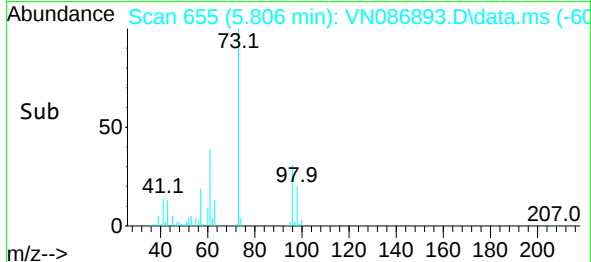
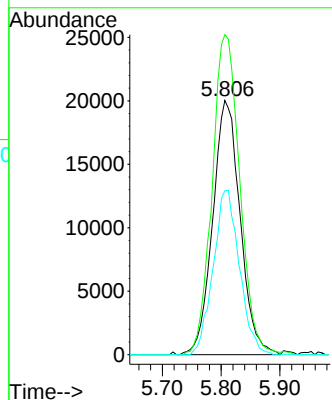
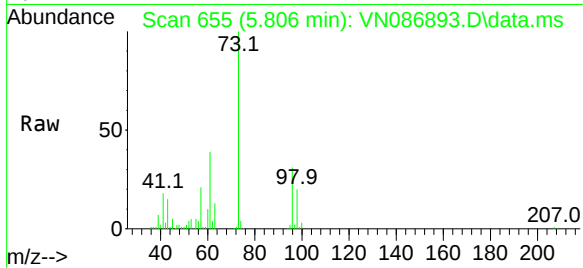




#21
trans-1,2-Dichloroethene
Concen: 19.655 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086893.D
Acq: 09 Jun 2025 10:50

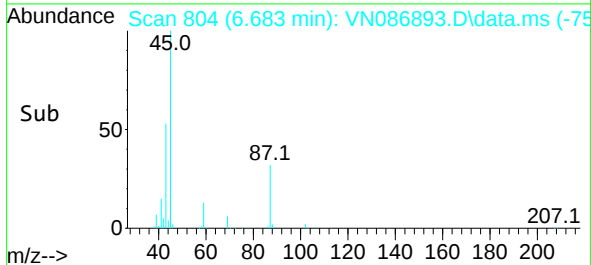
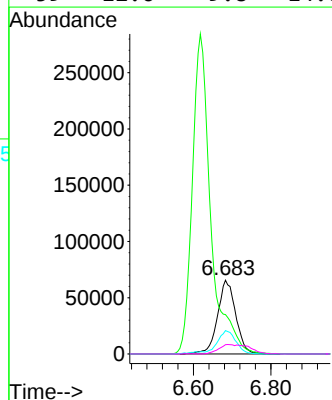
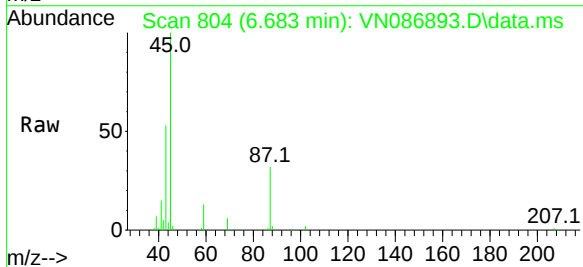
Instrument :
MSVOA_N
ClientSampleId :
VN0609WBS01

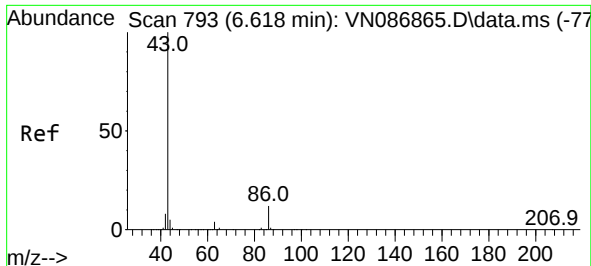
Tgt Ion: 96 Resp: 64982
Ion Ratio Lower Upper
96 100
61 125.9 109.2 163.8
98 64.5 49.8 74.8



#22
Diisopropyl ether
Concen: 20.563 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.006 min
Lab File: VN086893.D
Acq: 09 Jun 2025 10:50

Tgt Ion: 45 Resp: 213617
Ion Ratio Lower Upper
45 100
43 52.9 41.9 62.9
87 31.7 22.4 33.6
59 12.6 9.8 14.6

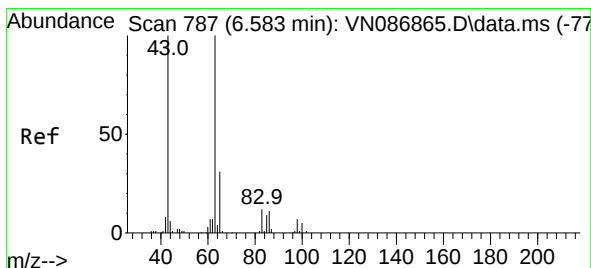
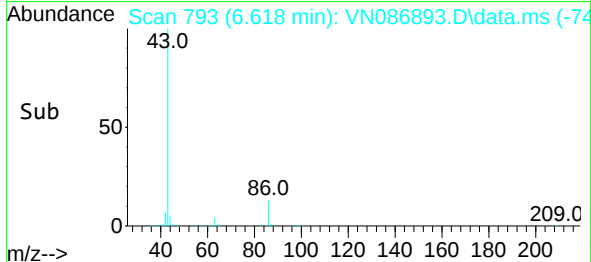
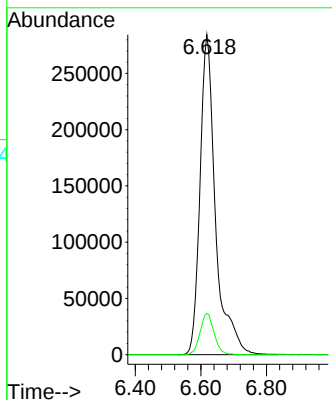
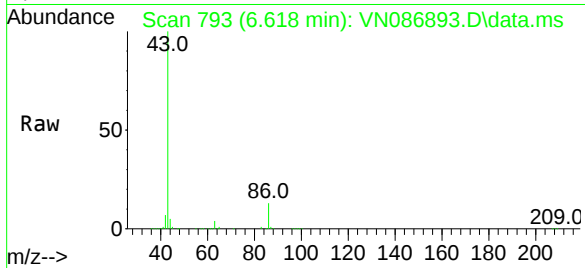




#23
 Vinyl Acetate
 Concen: 106.579 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN086893.D
 Acq: 09 Jun 2025 10:50

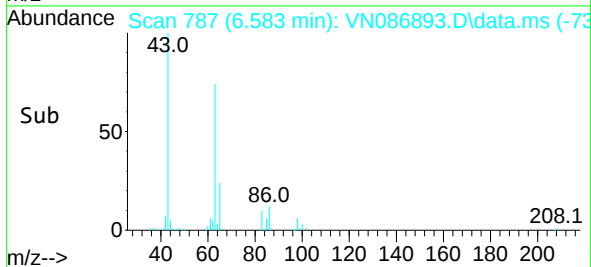
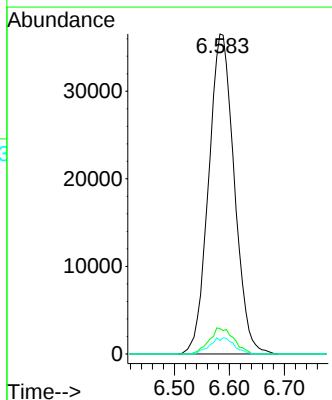
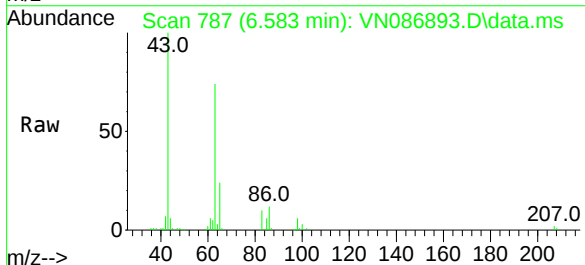
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0609WBS01

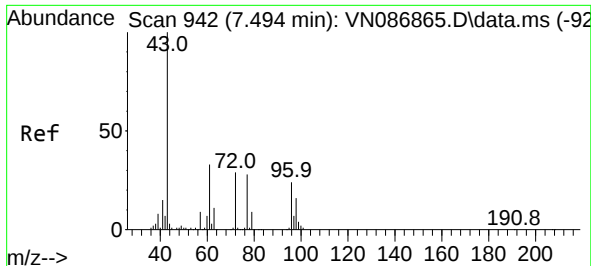
Tgt Ion: 43 Resp: 935448
 Ion Ratio Lower Upper
 43 100
 86 12.9 9.5 14.3



#24
 1,1-Dichloroethane
 Concen: 19.787 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. -0.000 min
 Lab File: VN086893.D
 Acq: 09 Jun 2025 10:50

Tgt Ion: 63 Resp: 118296
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.6 10.8
 100 4.3 2.6 7.8

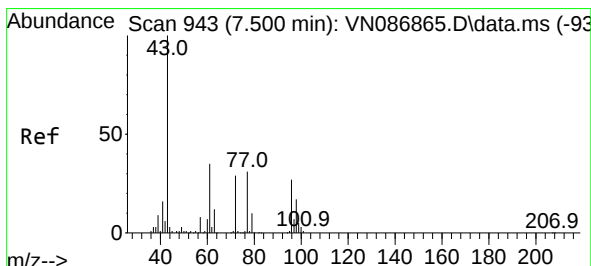
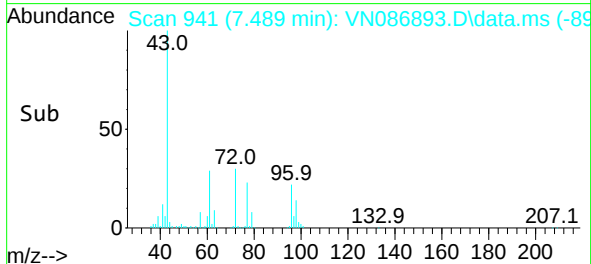
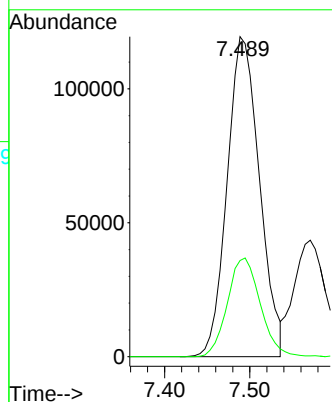
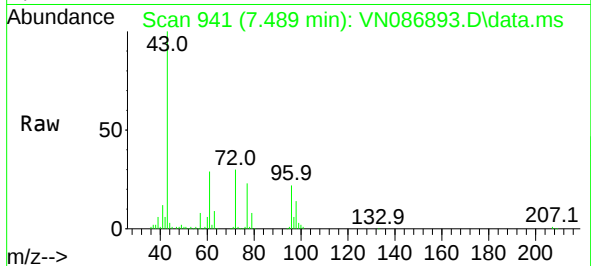




#25
2-Butanone
Concen: 102.277 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN086893.D
Acq: 09 Jun 2025 10:50

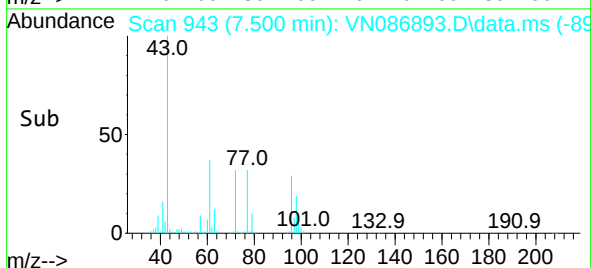
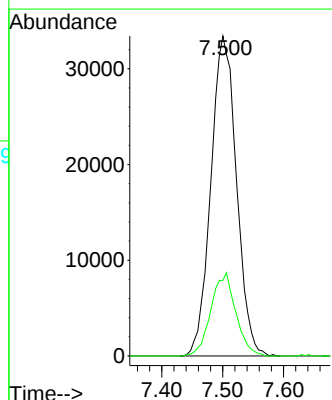
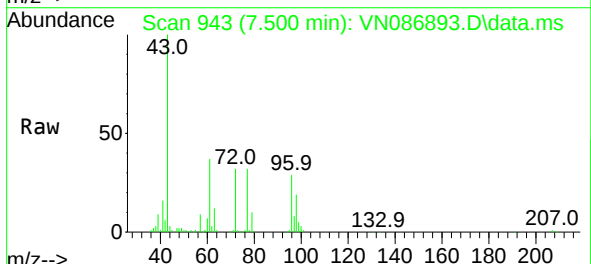
Instrument :
MSVOA_N
ClientSampleId :
VN0609WBS01

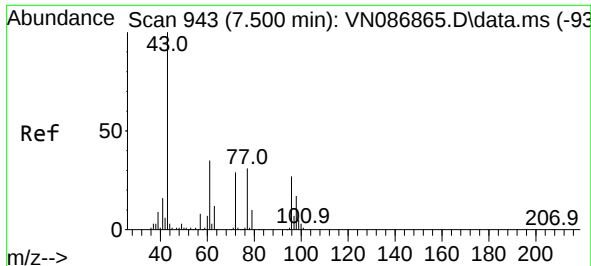
Tgt Ion: 43 Resp: 315151
Ion Ratio Lower Upper
43 100
72 30.0 23.0 34.6



#26
2,2-Dichloropropane
Concen: 20.974 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN086893.D
Acq: 09 Jun 2025 10:50

Tgt Ion: 77 Resp: 97539
Ion Ratio Lower Upper
77 100
97 25.2 11.6 34.7

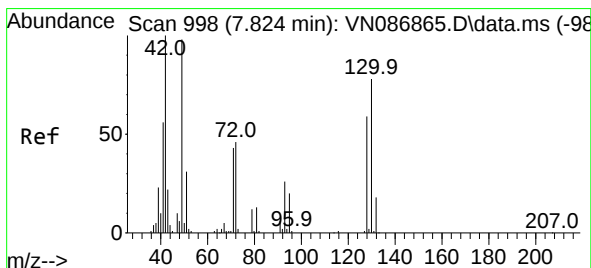
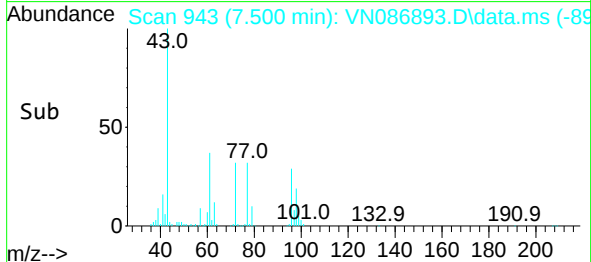
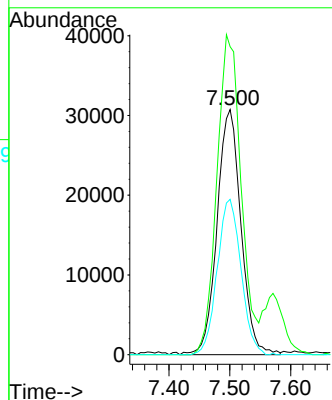
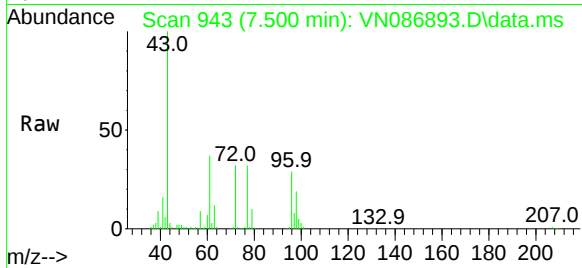




#27
 cis-1,2-Dichloroethene
 Concen: 21.233 ug/l
 RT: 7.500 min Scan# 943
 Delta R.T. -0.000 min
 Lab File: VN086893.D
 Acq: 09 Jun 2025 10:50

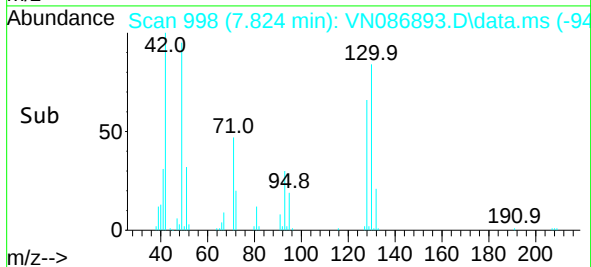
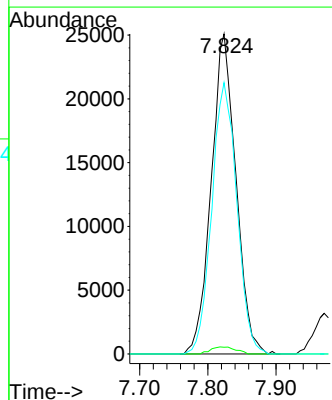
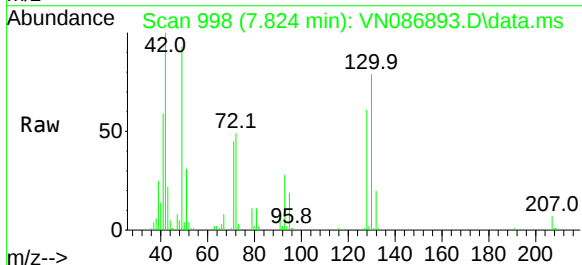
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0609WBS01

Tgt Ion: 96 Resp: 83955
 Ion Ratio Lower Upper
 96 100
 61 132.2 0.0 278.0
 98 62.9 0.0 128.2



#28
 Bromochloromethane
 Concen: 21.510 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. -0.000 min
 Lab File: VN086893.D
 Acq: 09 Jun 2025 10:50

Tgt Ion: 49 Resp: 63228
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 3.8
 130 86.1 62.2 93.2





#29

Tetrahydrofuran

Concen: 104.697 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. -0.006 min

Lab File: VN086893.D

Acq: 09 Jun 2025 10:50

Instrument :

MSVOA_N

ClientSampleId :

VN0609WBS01

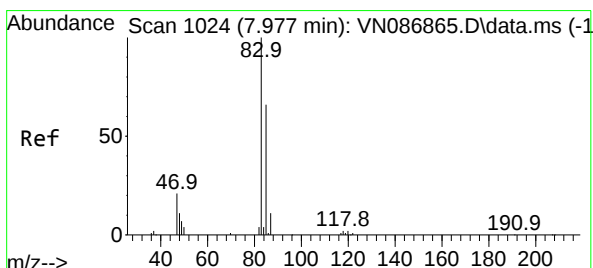
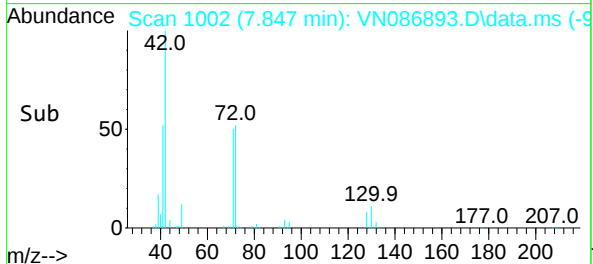
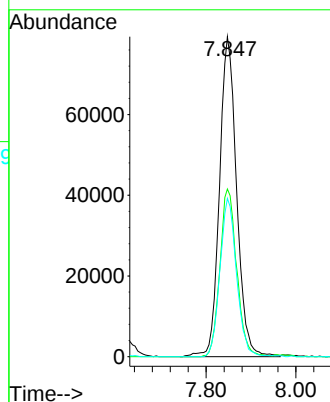
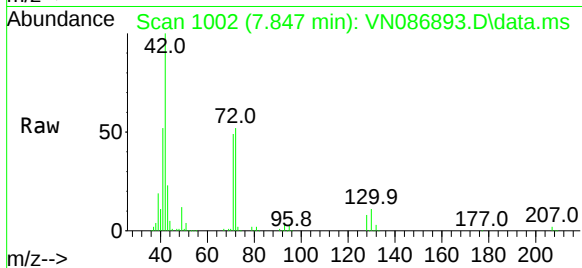
Tgt Ion: 42 Resp: 210156

Ion Ratio Lower Upper

42 100

72 51.5 37.8 56.6

71 48.0 35.6 53.4



#30

Chloroform

Concen: 20.020 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. -0.000 min

Lab File: VN086893.D

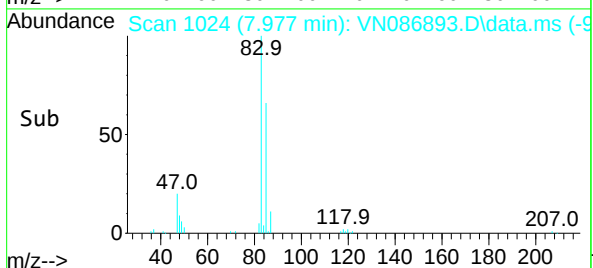
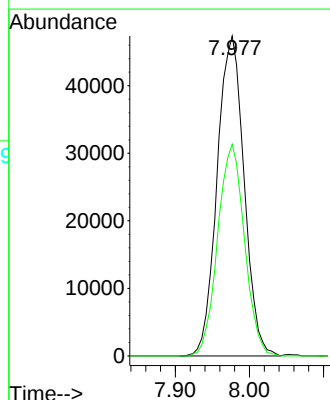
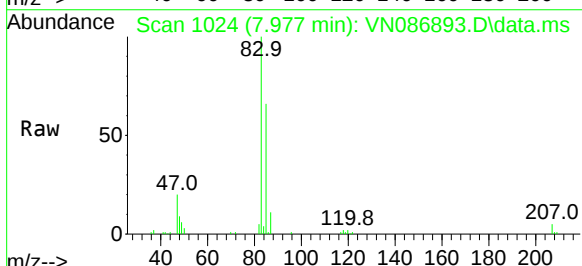
Acq: 09 Jun 2025 10:50

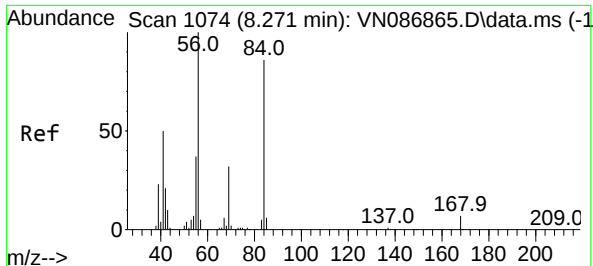
Tgt Ion: 83 Resp: 119528

Ion Ratio Lower Upper

83 100

85 66.2 52.9 79.3

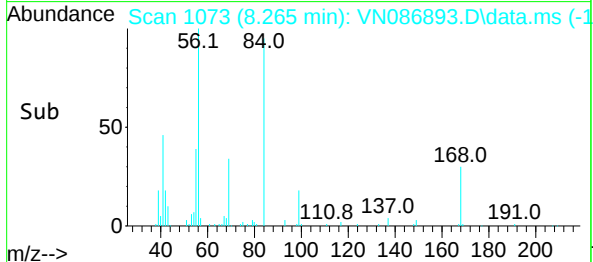
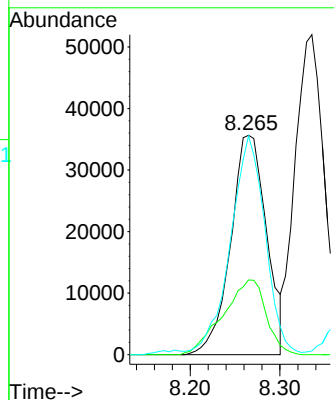
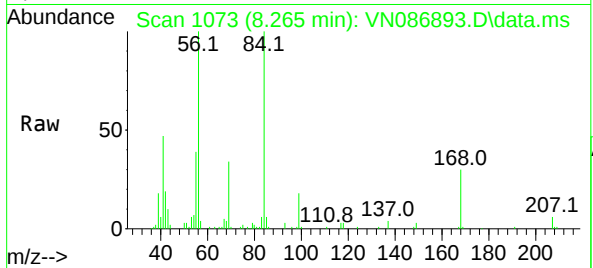




#31
Cyclohexane
Concen: 17.094 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN086893.D
Acq: 09 Jun 2025 10:50

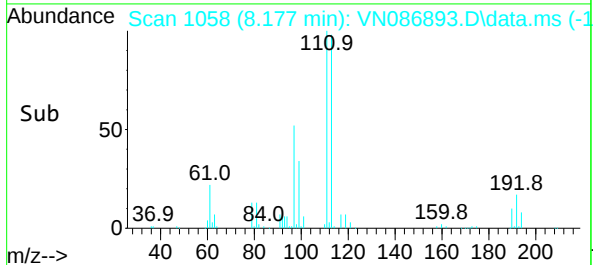
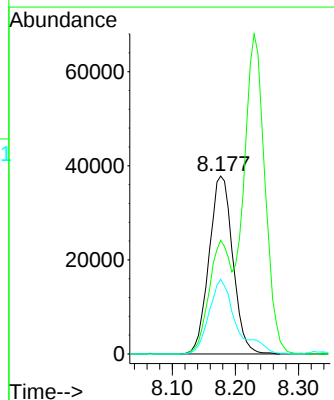
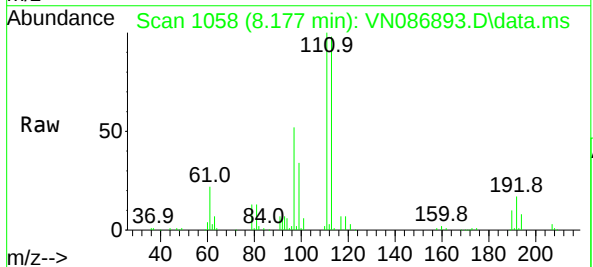
Instrument :
MSVOA_N
ClientSampleId :
VN0609WBS01

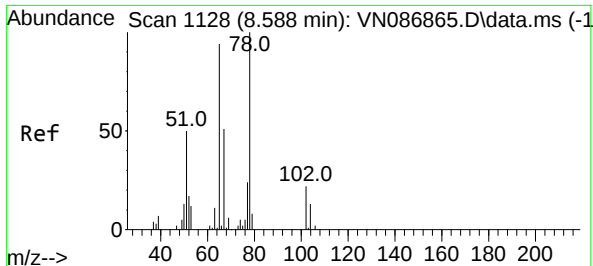
Tgt Ion: 56 Resp: 99106
Ion Ratio Lower Upper
56 100
69 34.1 25.4 38.0
84 98.1 68.8 103.2



#32
1,1,1-Trichloroethane
Concen: 19.432 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN086893.D
Acq: 09 Jun 2025 10:50

Tgt Ion: 97 Resp: 98672
Ion Ratio Lower Upper
97 100
99 57.3 52.0 78.0
61 47.5 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 56.618 ug/l

RT: 8.583 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN086893.D

Acq: 09 Jun 2025 10:50

Instrument :

MSVOA_N

ClientSampleId :

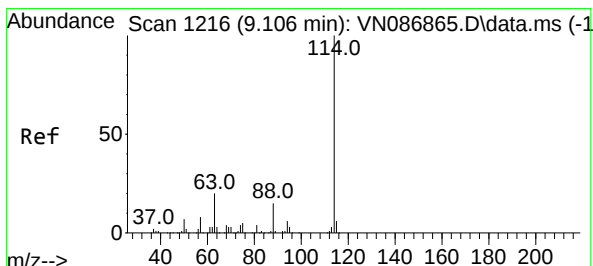
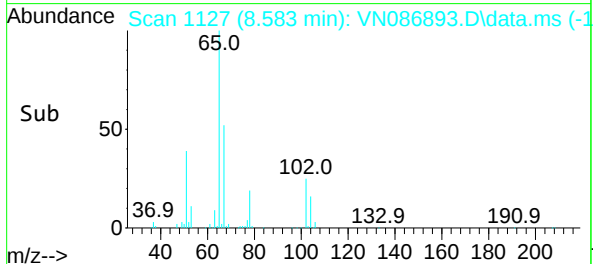
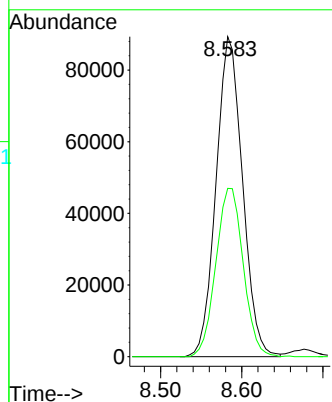
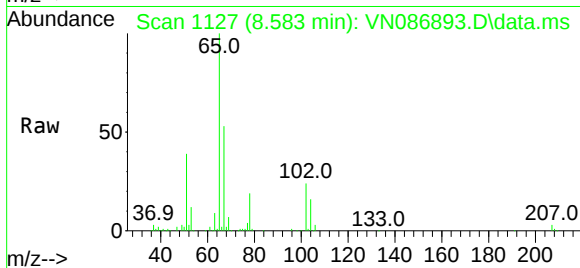
VN0609WBS01

Tgt Ion: 65 Resp: 202389

Ion Ratio Lower Upper

65 100

67 54.4 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: VN086893.D

Acq: 09 Jun 2025 10:50

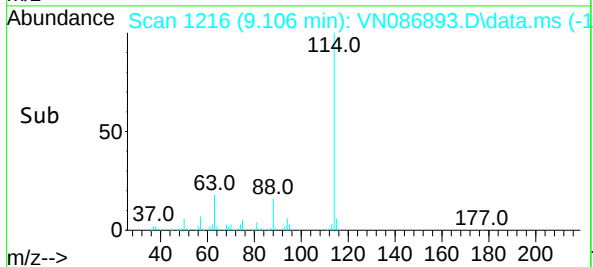
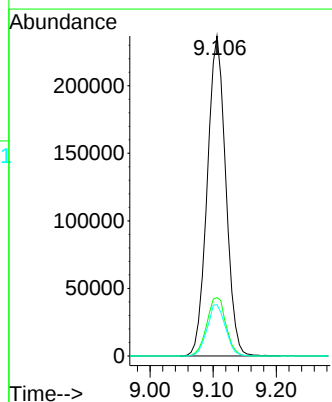
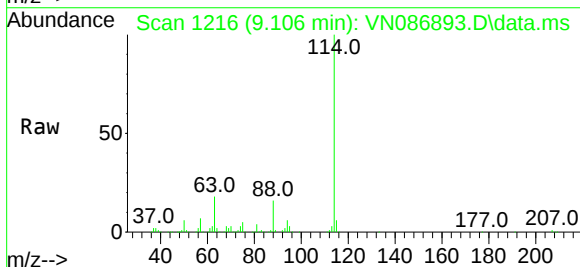
Tgt Ion:114 Resp: 481053

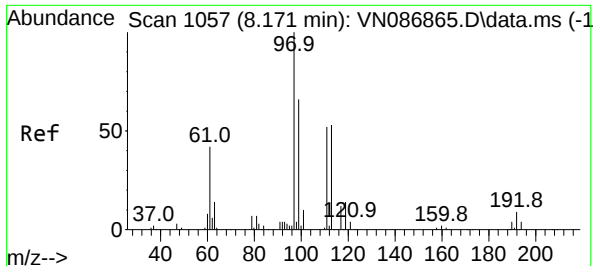
Ion Ratio Lower Upper

114 100

63 18.2 0.0 39.6

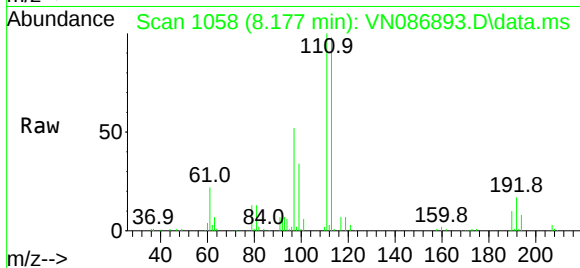
88 16.0 0.0 30.2



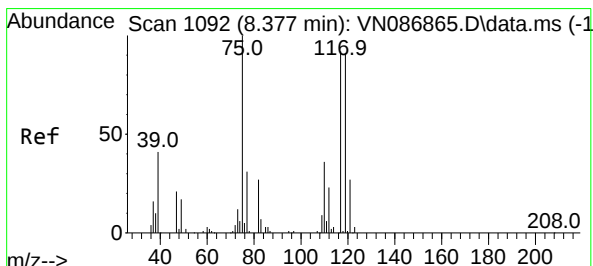
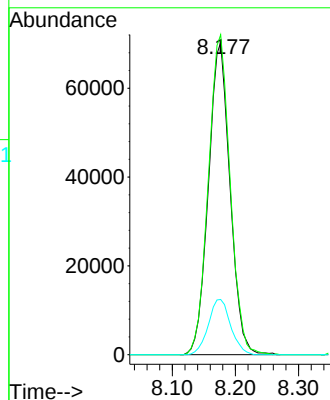
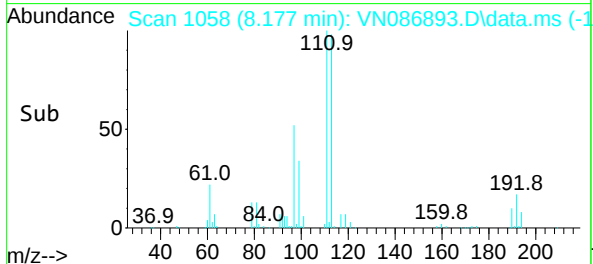


#35
Dibromofluoromethane
Concen: 58.562 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN086893.D
Acq: 09 Jun 2025 10:50

Instrument :
MSVOA_N
ClientSampleId :
VN0609WBS01

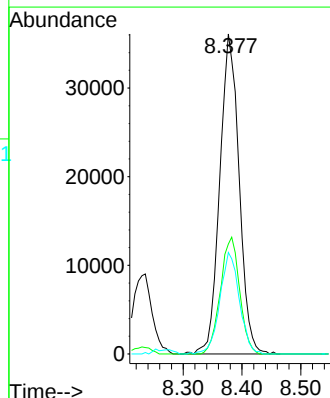
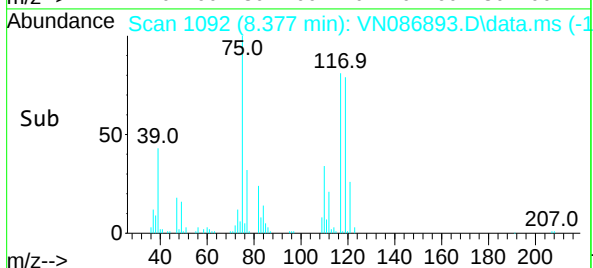
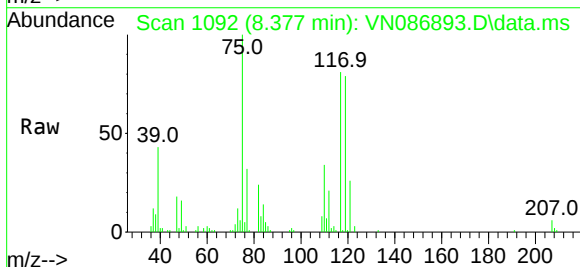


Tgt Ion:113 Resp: 166951
Ion Ratio Lower Upper
113 100
111 103.6 84.2 126.2
192 18.3 14.2 21.4



#36
1,1-Dichloropropene
Concen: 19.433 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN086893.D
Acq: 09 Jun 2025 10:50

Tgt Ion: 75 Resp: 82550
Ion Ratio Lower Upper
75 100
110 36.3 17.6 52.9
77 32.0 25.3 37.9

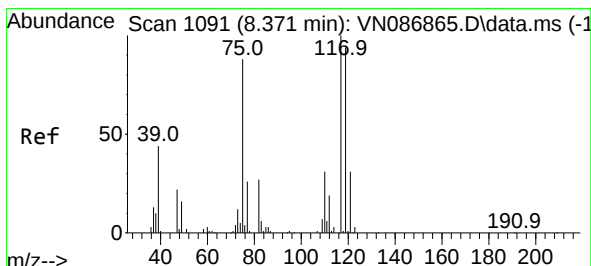
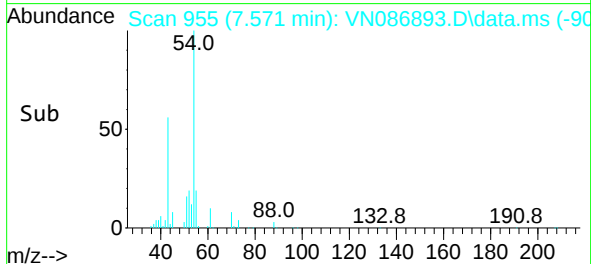
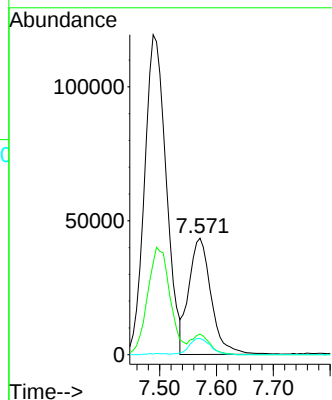
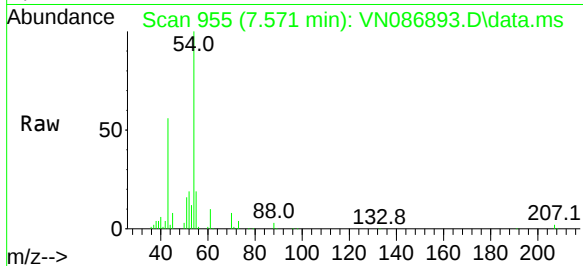




#37
Ethyl Acetate
Concen: 21.848 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086893.D
Acq: 09 Jun 2025 10:50

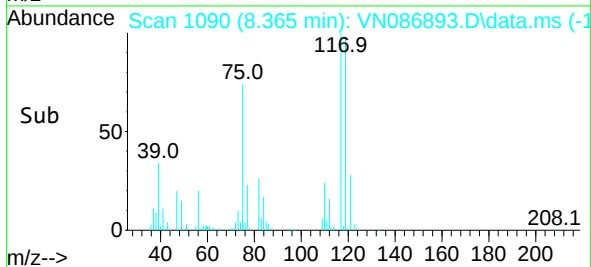
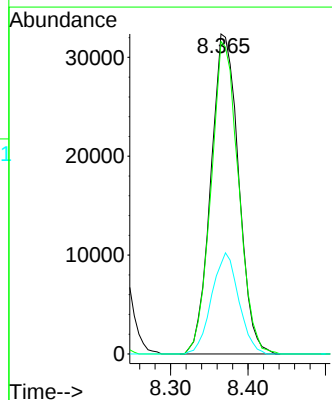
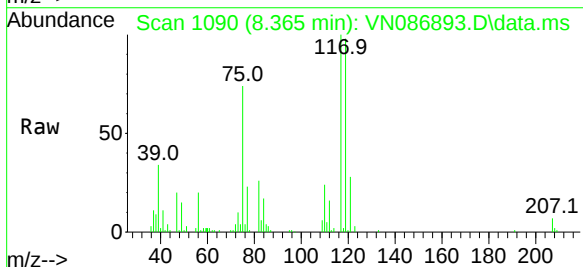
Instrument :
MSVOA_N
ClientSampleId :
VN0609WBS01

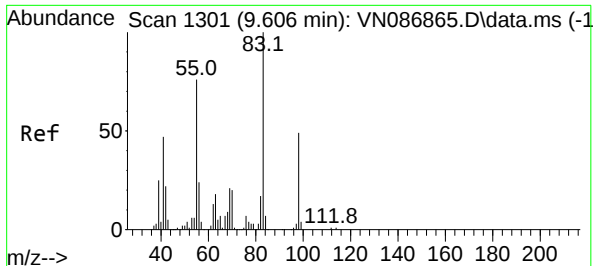
Tgt Ion: 43 Resp: 118150
Ion Ratio Lower Upper
43 100
61 14.8 12.1 18.1
70 13.4 9.8 14.6



#38
Carbon Tetrachloride
Concen: 19.324 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN086893.D
Acq: 09 Jun 2025 10:50

Tgt Ion: 117 Resp: 80592
Ion Ratio Lower Upper
117 100
119 97.6 75.0 112.6
121 28.1 24.9 37.3





#39

Methylcyclohexane

Concen: 17.077 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. -0.000 min

Lab File: VN086893.D

Acq: 09 Jun 2025 10:50

Instrument :

MSVOA_N

ClientSampleId :

VN0609WBS01

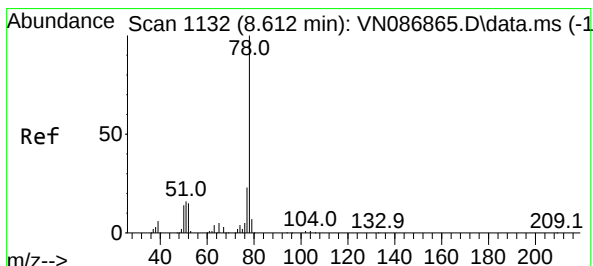
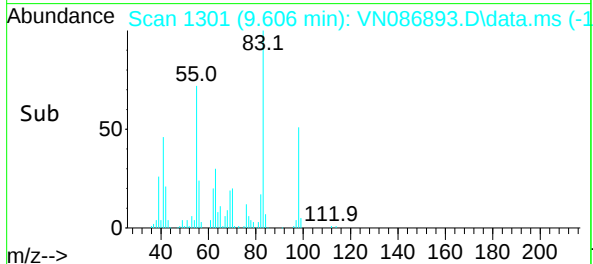
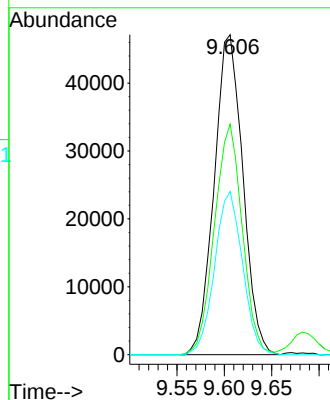
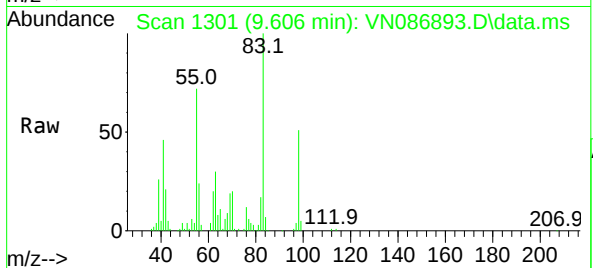
Tgt Ion: 83 Resp: 99387

Ion Ratio Lower Upper

83 100

55 72.1 61.0 91.6

98 51.0 38.9 58.3



#40

Benzene

Concen: 20.246 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN086893.D

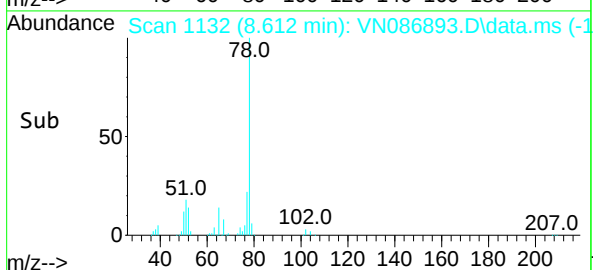
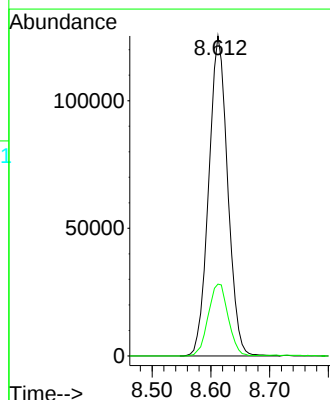
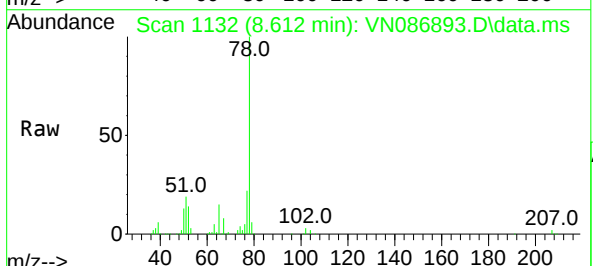
Acq: 09 Jun 2025 10:50

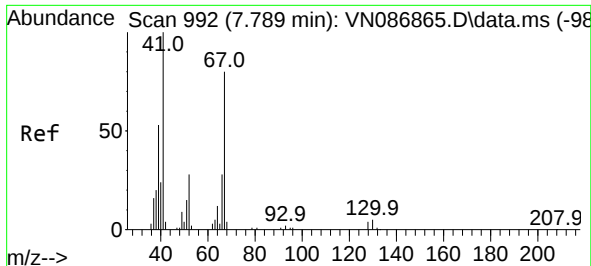
Tgt Ion: 78 Resp: 281242

Ion Ratio Lower Upper

78 100

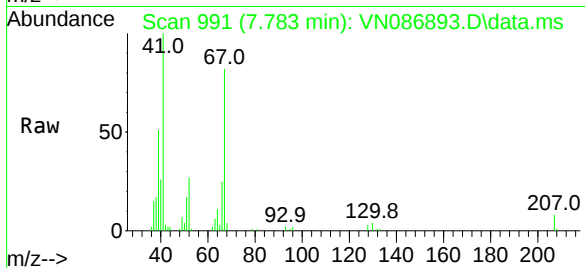
77 22.4 18.7 28.1



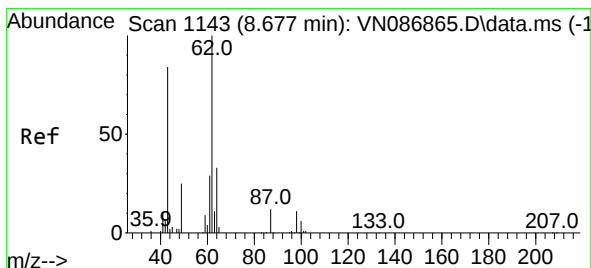
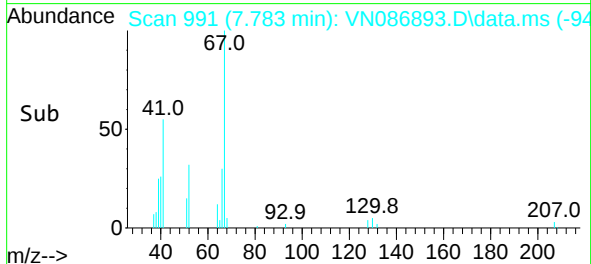
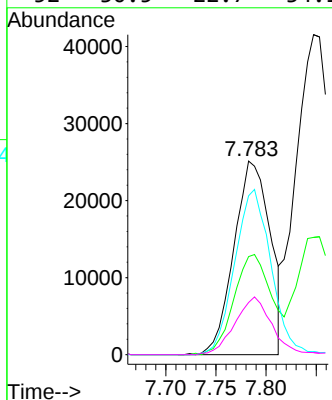


#41
Methacrylonitrile
Concen: 20.779 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN086893.D
Acq: 09 Jun 2025 10:50

Instrument :
MSVOA_N
ClientSampleId :
VN0609WBS01

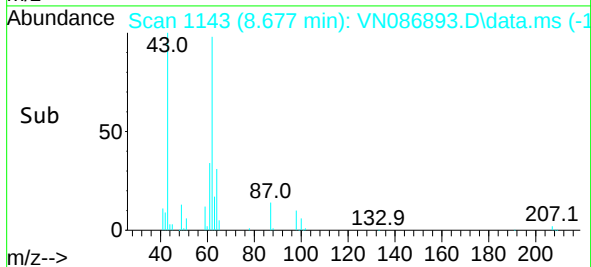
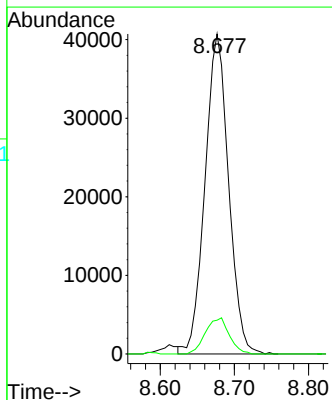
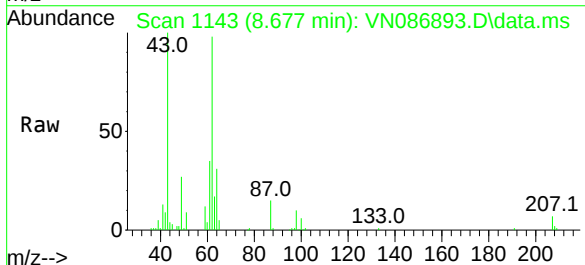


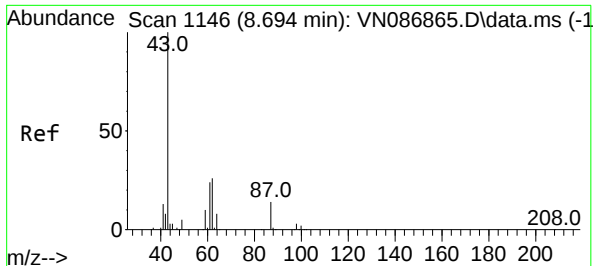
Tgt Ion:	41	Resp:	63106
Ion	Ratio	Lower	Upper
41	100		
39	54.4	41.2	61.8
67	85.8	61.4	92.2
52	30.5	22.7	34.1



#42
1,2-Dichloroethane
Concen: 21.353 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN086893.D
Acq: 09 Jun 2025 10:50

Tgt Ion:	62	Resp:	89967
Ion	Ratio	Lower	Upper
62	100		
98	11.4	0.0	21.2

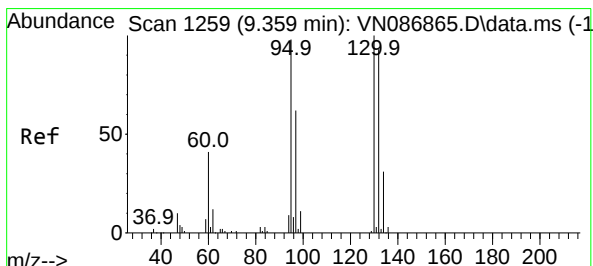
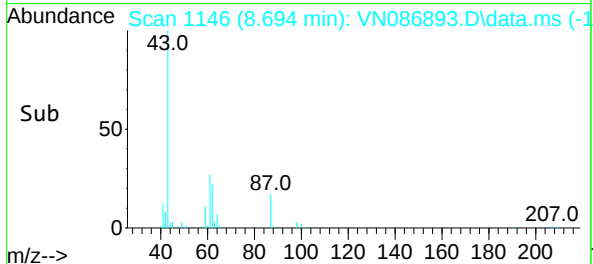
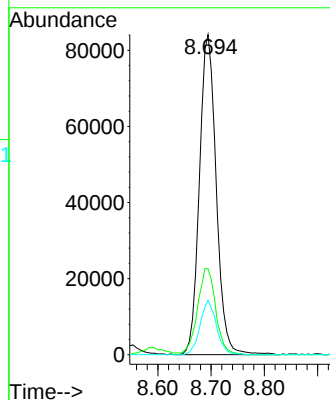
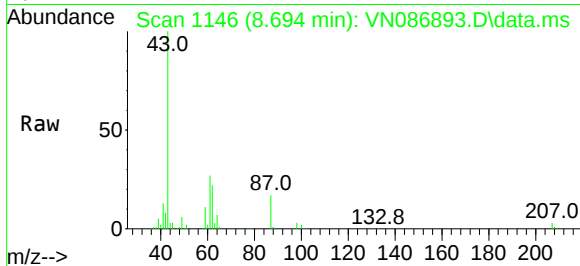




#43
Isopropyl Acetate
Concen: 21.243 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN086893.D
Acq: 09 Jun 2025 10:50

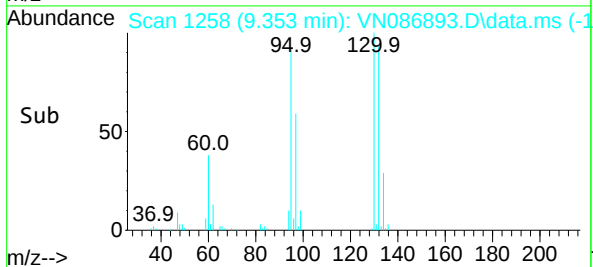
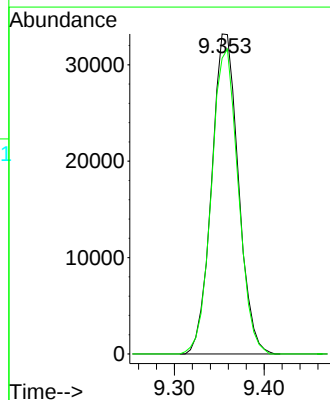
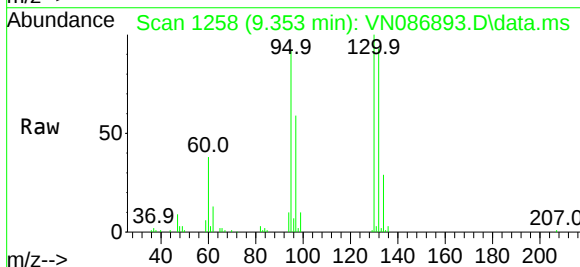
Instrument :
MSVOA_N
ClientSampleId :
VN0609WBS01

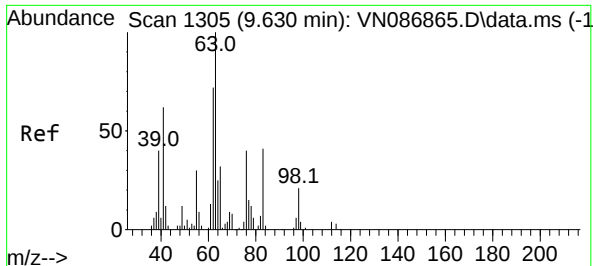
Tgt Ion: 43 Resp: 184375
Ion Ratio Lower Upper
43 100
61 29.2 22.1 33.1
87 16.5 11.8 17.6



#44
Trichloroethene
Concen: 20.860 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN086893.D
Acq: 09 Jun 2025 10:50

Tgt Ion:130 Resp: 68709
Ion Ratio Lower Upper
130 100
95 92.4 0.0 196.2





#45

1,2-Dichloropropane

Concen: 20.819 ug/l

RT: 9.624 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN086893.D

Acq: 09 Jun 2025 10:50

Instrument :

MSVOA_N

ClientSampleId :

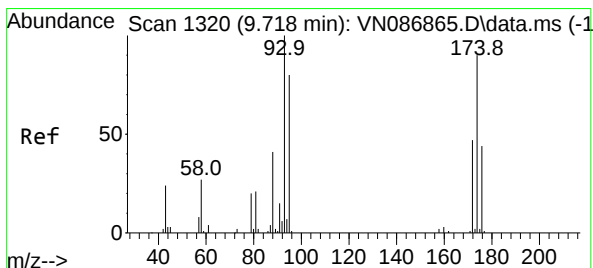
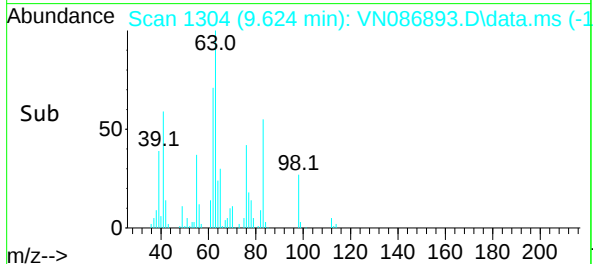
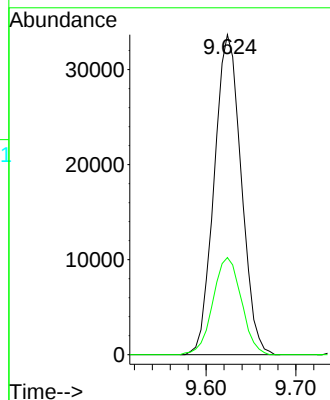
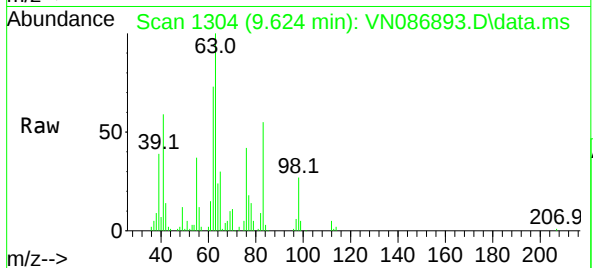
VN0609WBS01

Tgt Ion: 63 Resp: 70359

Ion Ratio Lower Upper

63 100

65 30.4 25.5 38.3



#46

Dibromomethane

Concen: 22.505 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN086893.D

Acq: 09 Jun 2025 10:50

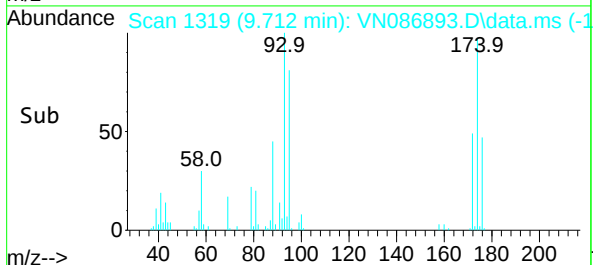
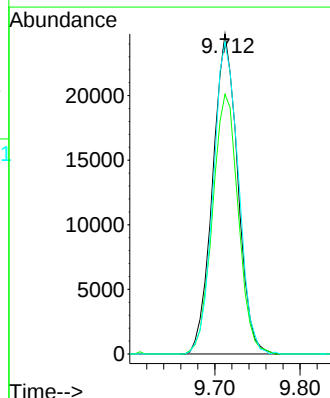
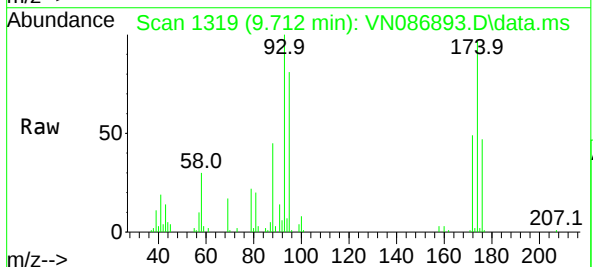
Tgt Ion: 93 Resp: 50518

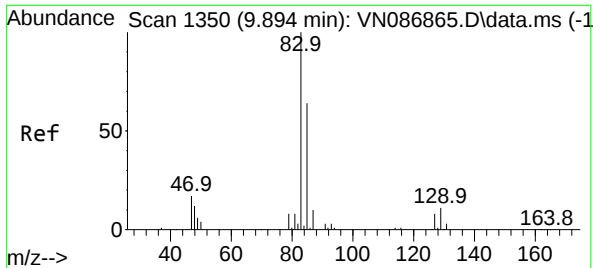
Ion Ratio Lower Upper

93 100

95 83.4 67.1 100.7

174 97.8 74.2 111.4

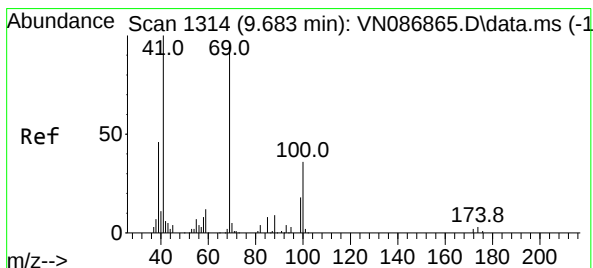
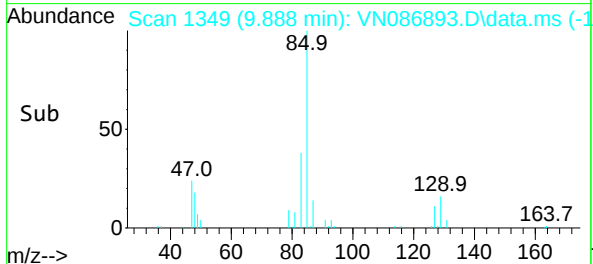
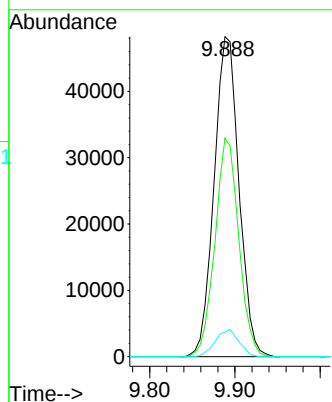
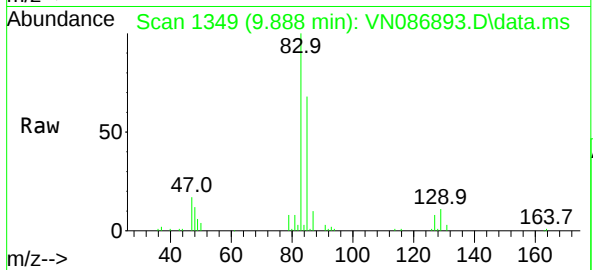




#47
Bromodichloromethane
Concen: 21.168 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN086893.D
Acq: 09 Jun 2025 10:50

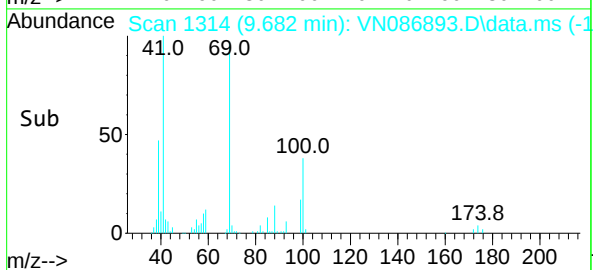
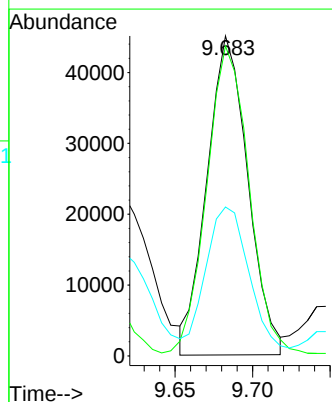
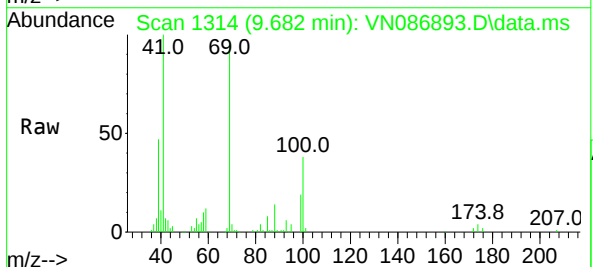
Instrument :
MSVOA_N
ClientSampleId :
VN0609WBS01

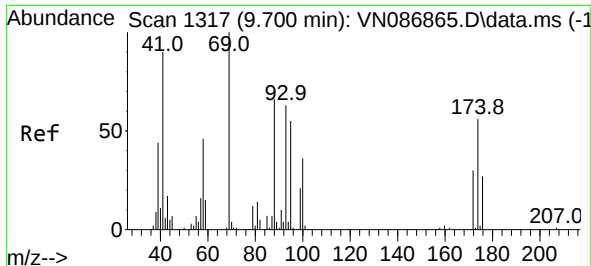
Tgt Ion: 83 Resp: 97765
Ion Ratio Lower Upper
83 100
85 68.3 50.9 76.3
127 7.7 6.6 10.0



#48
Methyl methacrylate
Concen: 20.666 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN086893.D
Acq: 09 Jun 2025 10:50

Tgt Ion: 41 Resp: 82557
Ion Ratio Lower Upper
41 100
69 102.2 74.6 112.0
39 50.9 40.2 60.4





#49

1,4-Dioxane

Concen: 478.183 ug/l

RT: 9.700 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086893.D

Acq: 09 Jun 2025 10:50

Instrument :

MSVOA_N

ClientSampleId :

VN0609WBS01

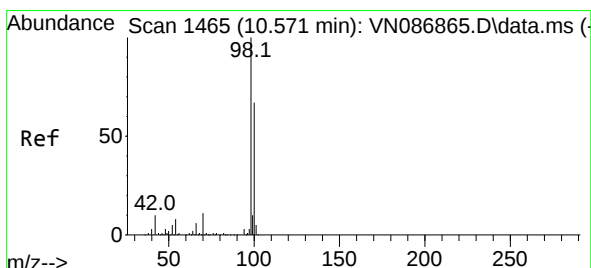
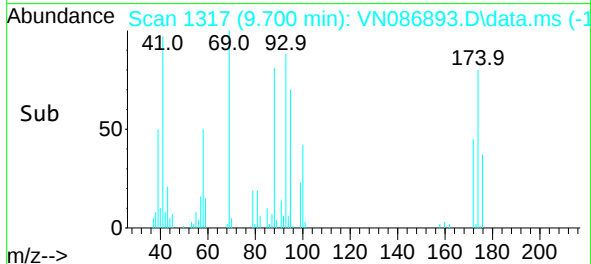
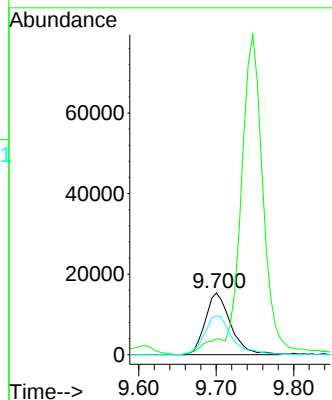
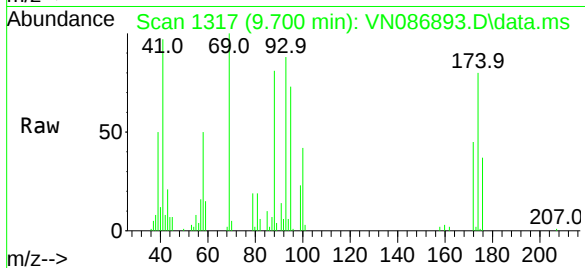
Tgt Ion: 88 Resp: 34752

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 68.7 57.7 86.5



#50

Toluene-d8

Concen: 55.191 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN086893.D

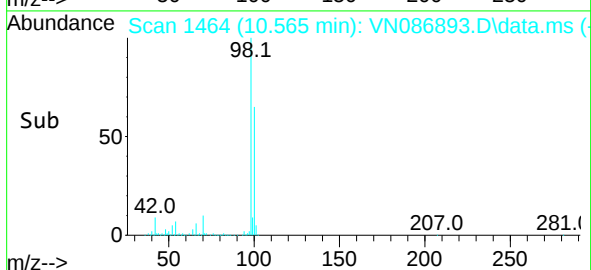
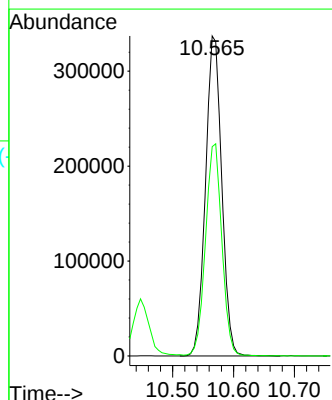
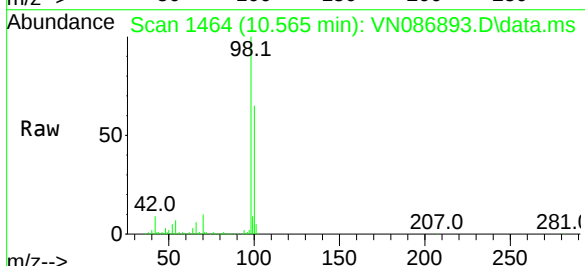
Acq: 09 Jun 2025 10:50

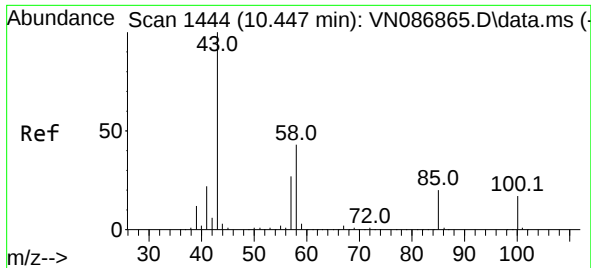
Tgt Ion: 98 Resp: 622867

Ion Ratio Lower Upper

98 100

100 67.0 53.4 80.0

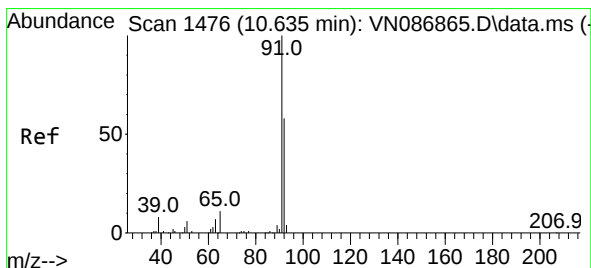
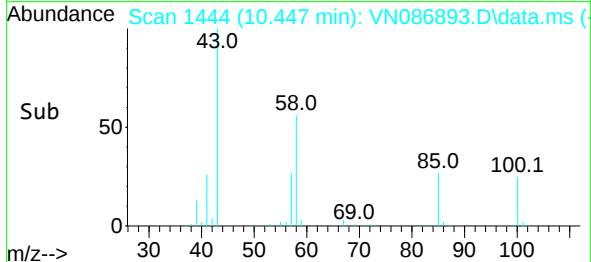
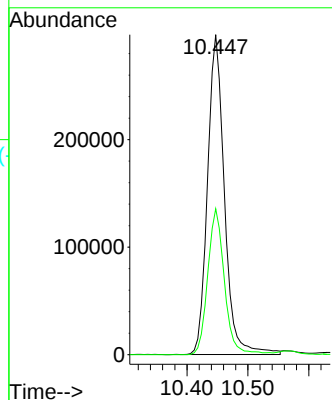
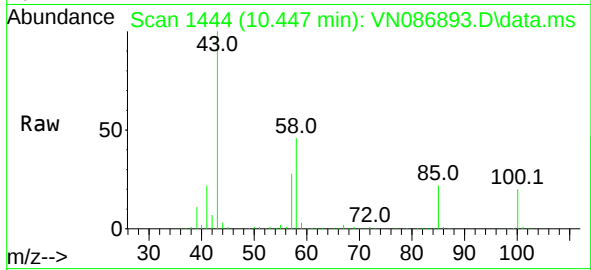




#51
4-Methyl-2-Pentanone
Concen: 109.788 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN086893.D
Acq: 09 Jun 2025 10:50

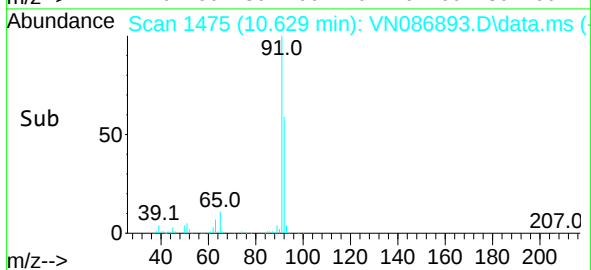
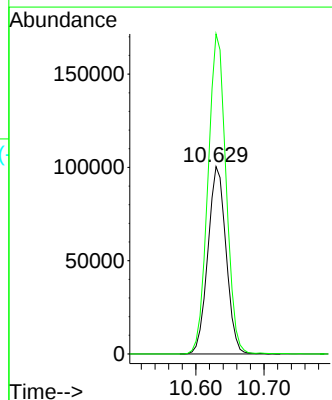
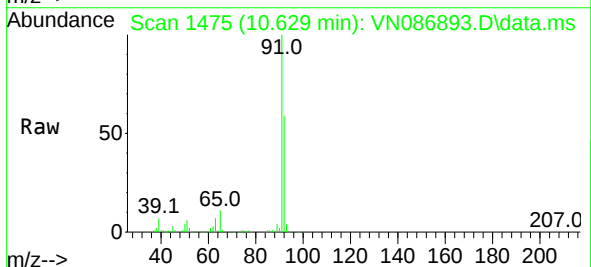
Instrument :
MSVOA_N
ClientSampleId :
VN0609WBS01

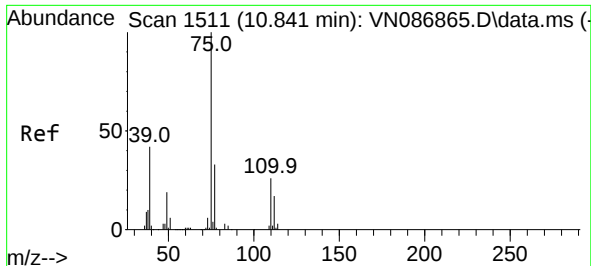
Tgt Ion: 43 Resp: 573654
Ion Ratio Lower Upper
43 100
58 44.9 34.2 51.4



#52
Toluene
Concen: 21.940 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN086893.D
Acq: 09 Jun 2025 10:50

Tgt Ion: 92 Resp: 186254
Ion Ratio Lower Upper
92 100
91 170.1 136.5 204.7

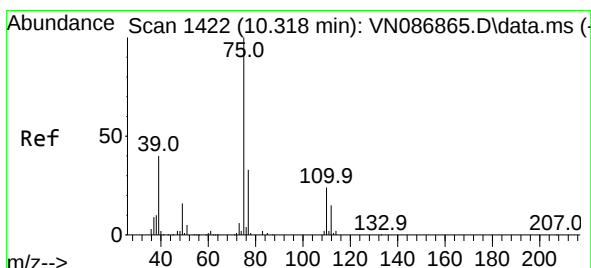
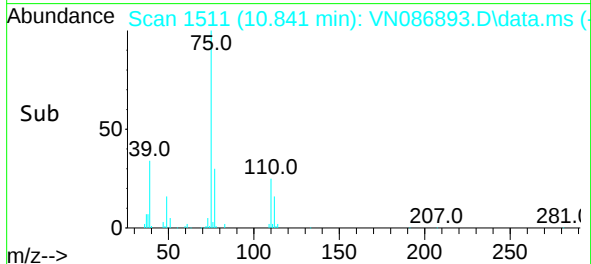
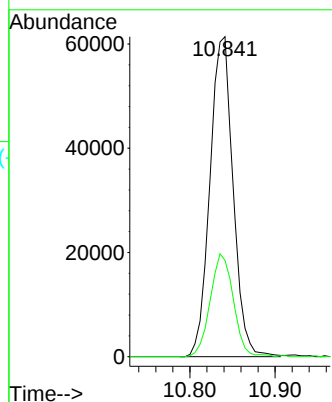
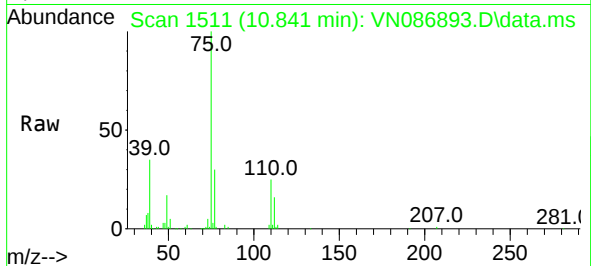




#53
t-1,3-Dichloropropene
Concen: 22.484 ug/l
RT: 10.841 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086893.D
Acq: 09 Jun 2025 10:50

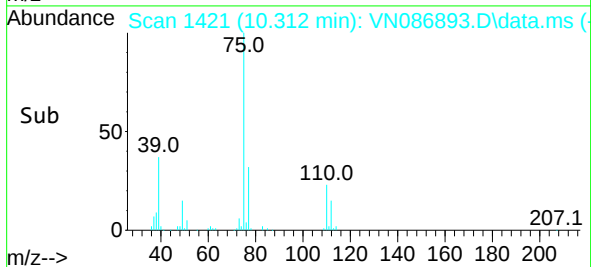
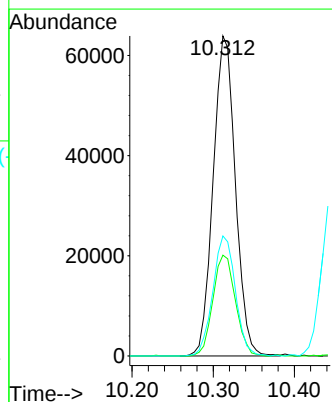
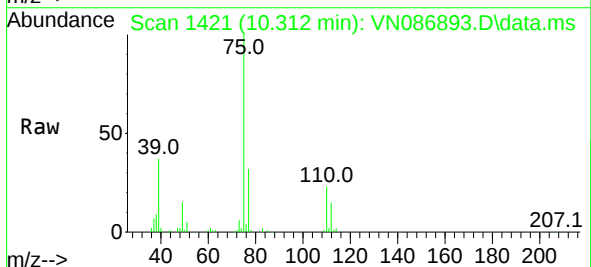
Instrument :
MSVOA_N
ClientSampleId :
VN0609WBS01

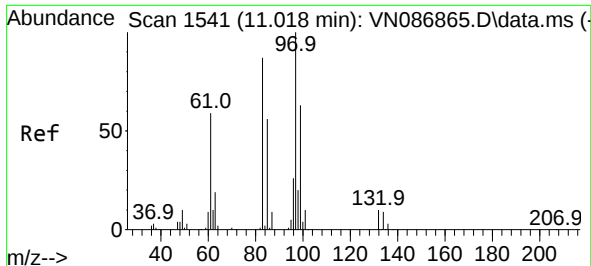
Tgt Ion: 75 Resp: 116115
Ion Ratio Lower Upper
75 100
77 30.1 26.4 39.6



#54
cis-1,3-Dichloropropene
Concen: 22.000 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN086893.D
Acq: 09 Jun 2025 10:50

Tgt Ion: 75 Resp: 121569
Ion Ratio Lower Upper
75 100
77 31.5 26.2 39.4
39 37.5 32.3 48.5

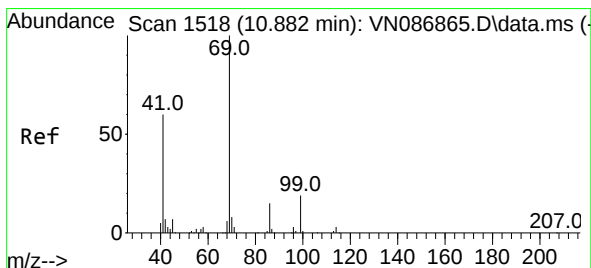
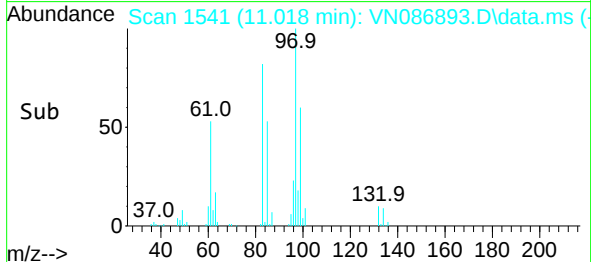
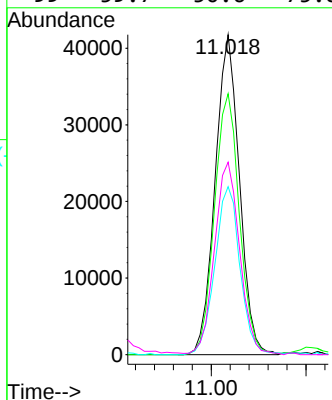
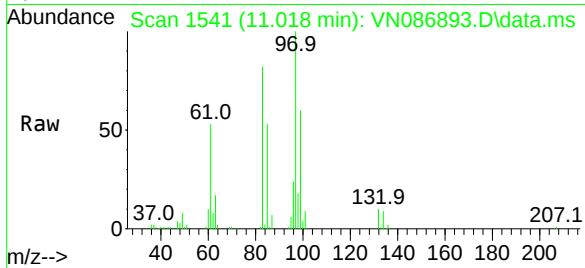




#55
1,1,2-Trichloroethane
Concen: 22.766 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN086893.D
Acq: 09 Jun 2025 10:50

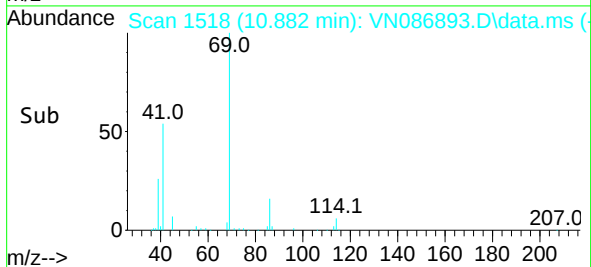
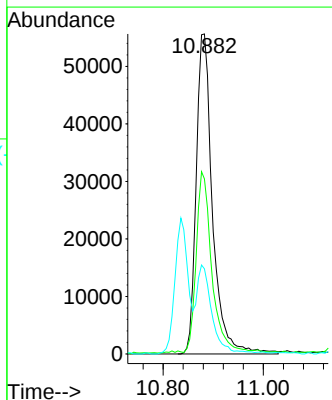
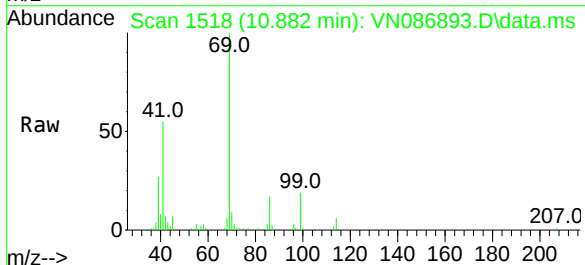
Instrument :
MSVOA_N
ClientSampleId :
VN0609WBS01

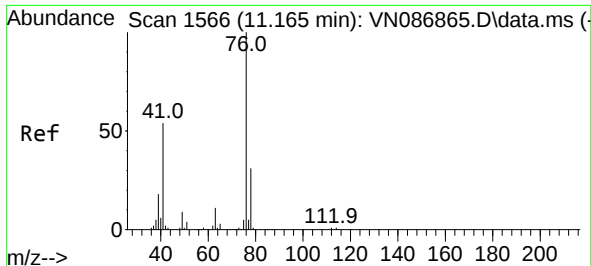
Tgt Ion:	97	Resp:	74365
Ion	Ratio	Lower	Upper
97	100		
83	81.6	69.7	104.5
85	52.5	45.1	67.7
99	59.7	50.6	75.8



#56
Ethyl methacrylate
Concen: 24.158 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VN086893.D
Acq: 09 Jun 2025 10:50

Tgt Ion:	69	Resp:	125687
Ion	Ratio	Lower	Upper
69	100		
41	53.6	47.2	70.8
39	25.1	23.0	34.6





#57

1,3-Dichloropropane

Concen: 22.217 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086893.D

Acq: 09 Jun 2025 10:50

Instrument :

MSVOA_N

ClientSampleId :

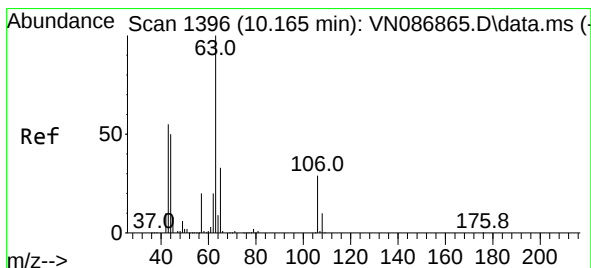
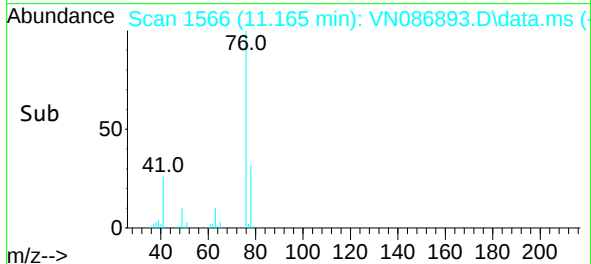
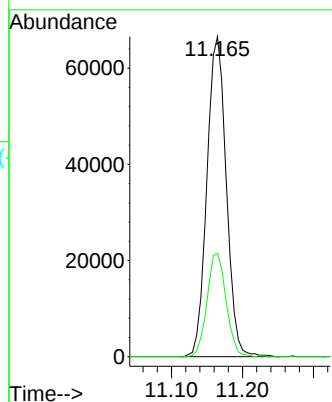
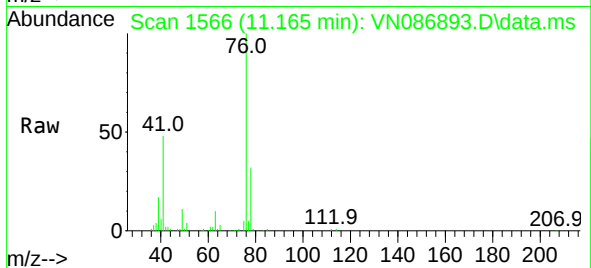
VN0609WBS01

Tgt Ion: 76 Resp: 125890

Ion Ratio Lower Upper

76 100

78 31.9 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 112.472 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.006 min

Lab File: VN086893.D

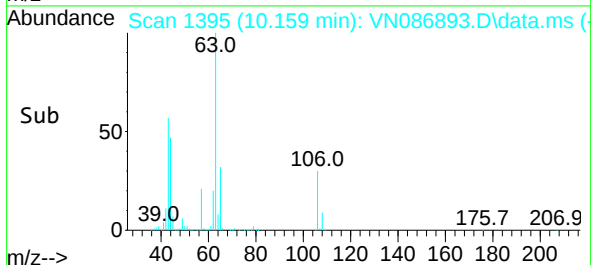
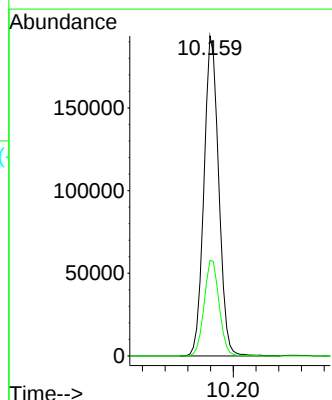
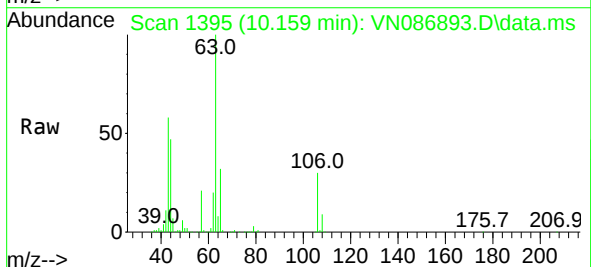
Acq: 09 Jun 2025 10:50

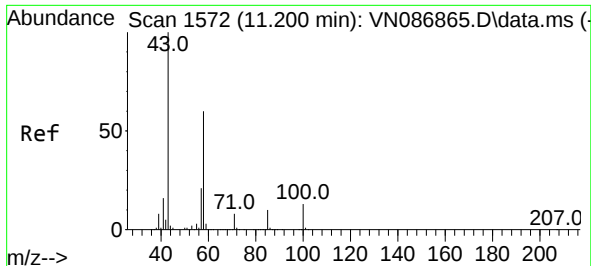
Tgt Ion: 63 Resp: 349023

Ion Ratio Lower Upper

63 100

106 30.4 23.0 34.6

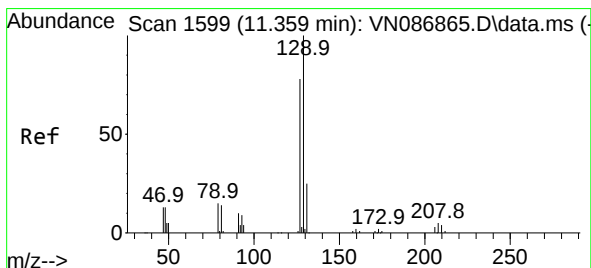
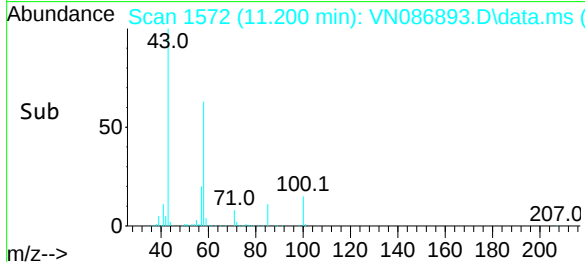
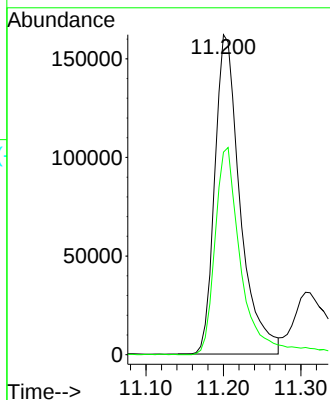
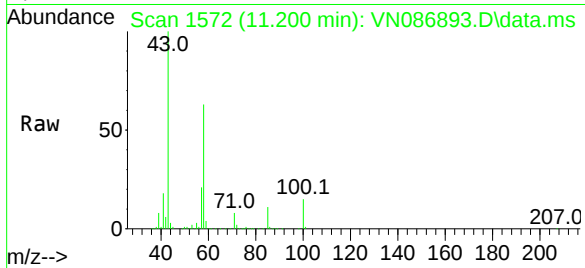




#59
2-Hexanone
Concen: 109.420 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086893.D
Acq: 09 Jun 2025 10:50

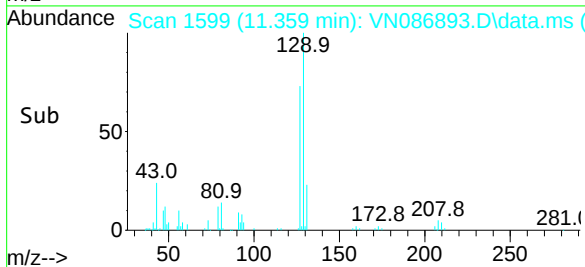
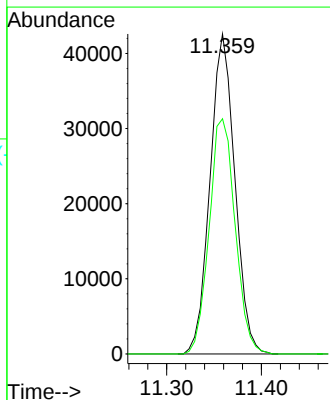
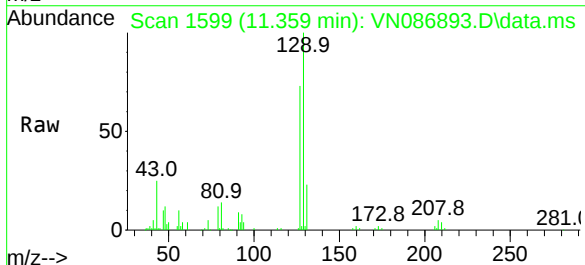
Instrument :
MSVOA_N
ClientSampleId :
VN0609WBS01

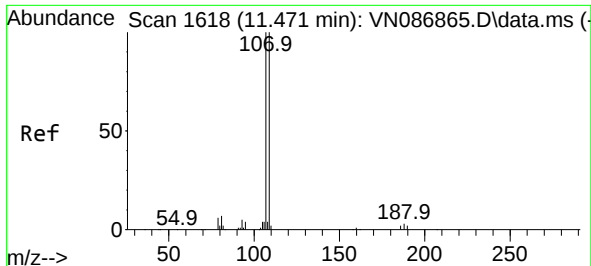
Tgt Ion: 43 Resp: 368271
Ion Ratio Lower Upper
43 100
58 67.4 30.4 91.3



#60
Dibromochloromethane
Concen: 22.781 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086893.D
Acq: 09 Jun 2025 10:50

Tgt Ion: 129 Resp: 77533
Ion Ratio Lower Upper
129 100
127 77.0 38.6 115.8

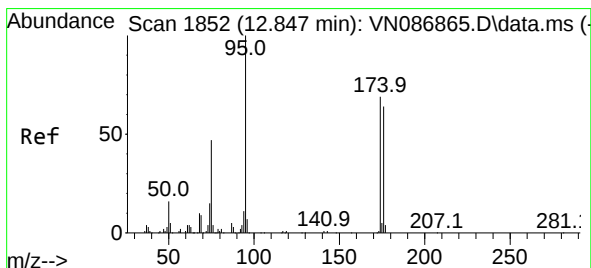
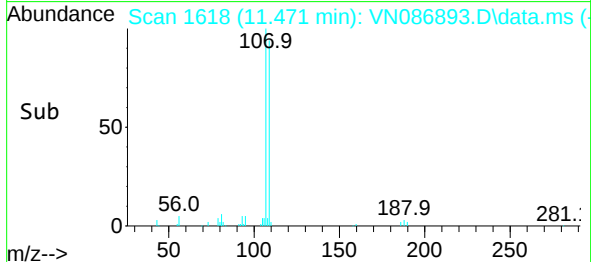
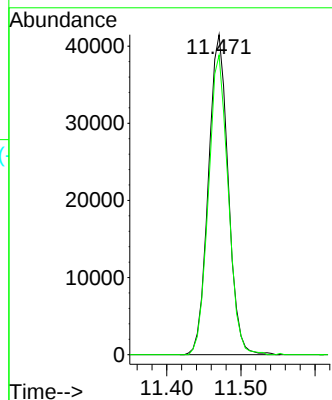
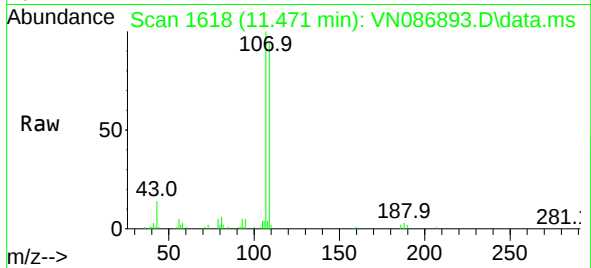




#61
1,2-Dibromoethane
Concen: 22.974 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN086893.D
Acq: 09 Jun 2025 10:50

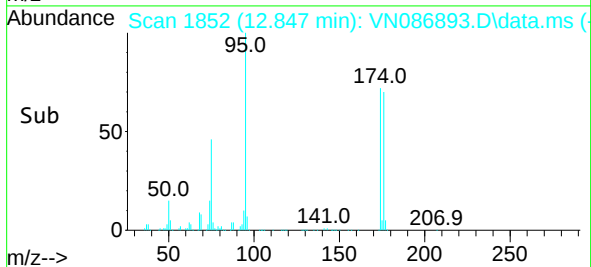
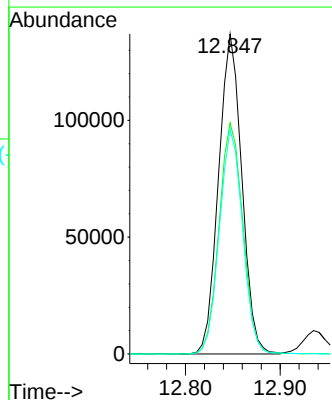
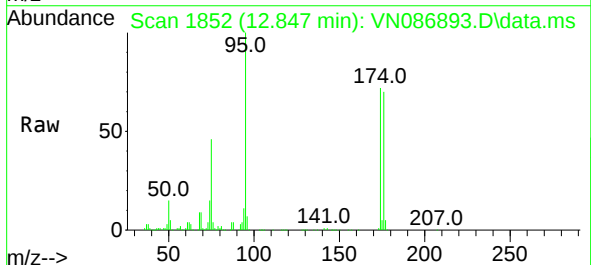
Instrument :
MSVOA_N
ClientSampleId :
VN0609WBS01

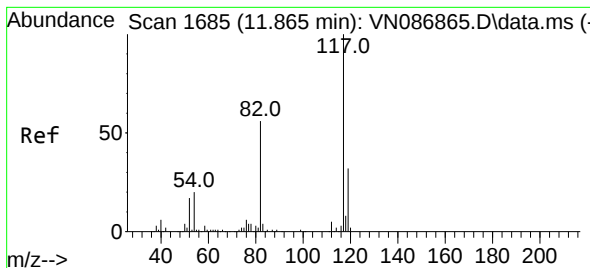
Tgt Ion:107 Resp: 76919
Ion Ratio Lower Upper
107 100
109 93.2 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 55.716 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086893.D
Acq: 09 Jun 2025 10:50

Tgt Ion: 95 Resp: 233615
Ion Ratio Lower Upper
95 100
174 73.9 0.0 141.8
176 70.4 0.0 132.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086893.D

Acq: 09 Jun 2025 10:50

Instrument :

MSVOA_N

ClientSampleId :

VN0609WBS01

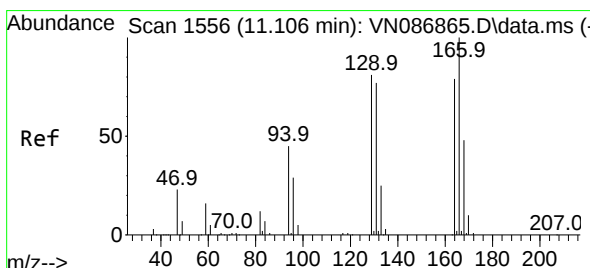
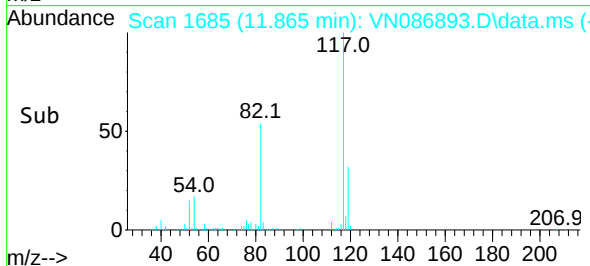
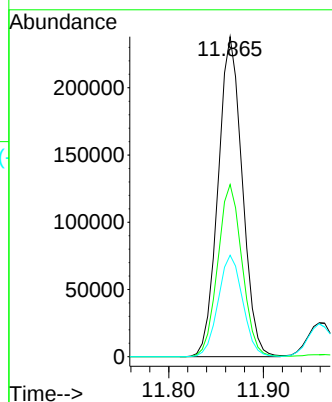
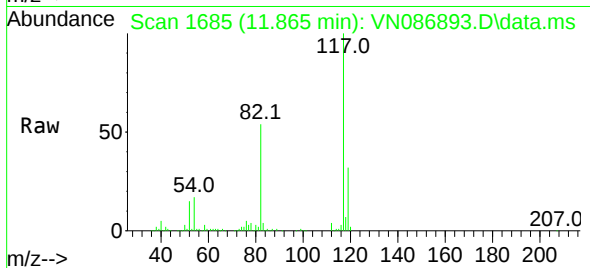
Tgt Ion:117 Resp: 422488

Ion Ratio Lower Upper

117 100

82 53.8 44.6 67.0

119 31.7 25.5 38.3



#64

Tetrachloroethene

Concen: 19.514 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN086893.D

Acq: 09 Jun 2025 10:50

Tgt Ion:164 Resp: 52176

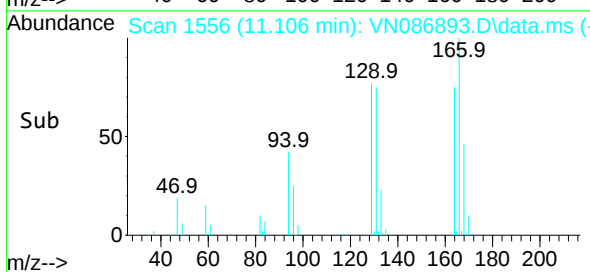
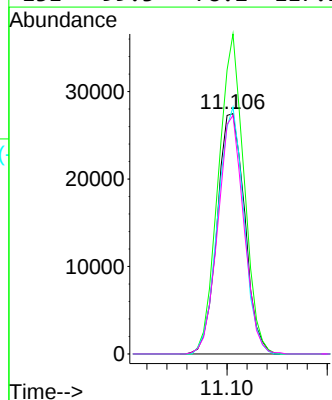
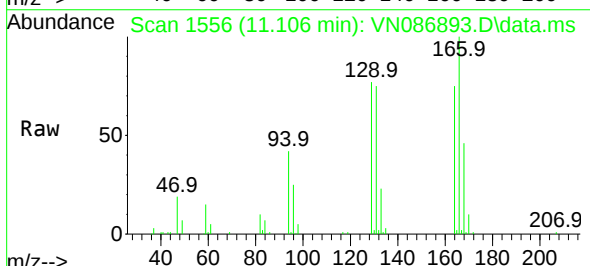
Ion Ratio Lower Upper

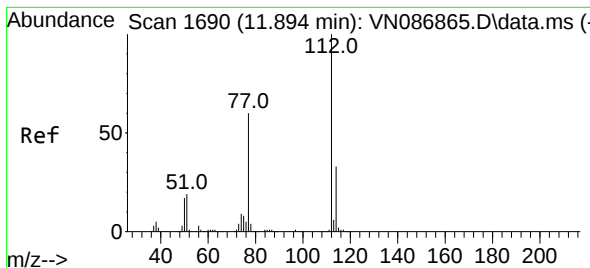
164 100

166 133.2 101.8 152.8

129 102.7 83.0 124.4

131 99.3 78.2 117.2





#65

Chlorobenzene

Concen: 20.940 ug/l

RT: 11.888 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN086893.D

Acq: 09 Jun 2025 10:50

Instrument :

MSVOA_N

ClientSampleId :

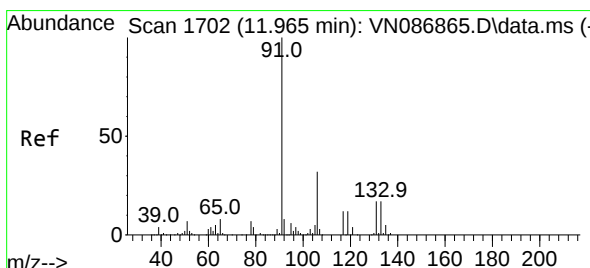
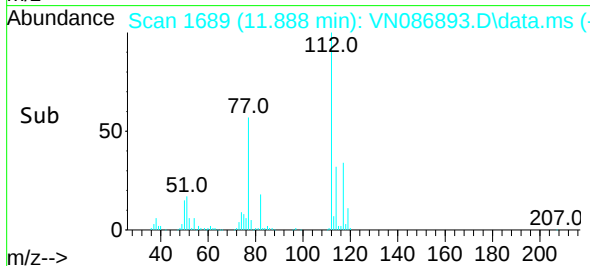
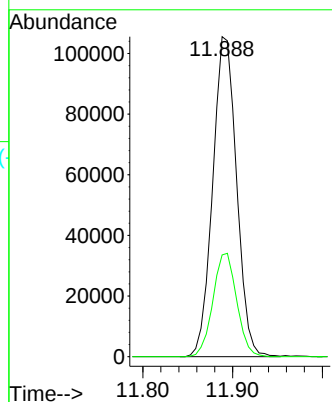
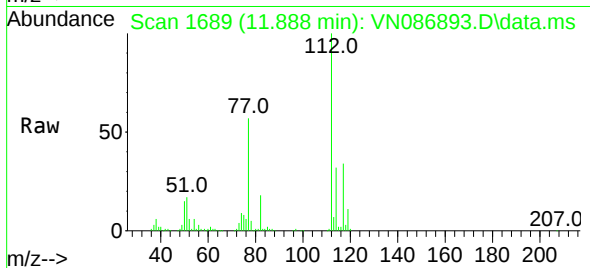
VN0609WBS01

Tgt Ion:112 Resp: 195119

Ion Ratio Lower Upper

112 100

114 31.8 26.2 39.2



#66

1,1,1,2-Tetrachloroethane

Concen: 21.769 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.006 min

Lab File: VN086893.D

Acq: 09 Jun 2025 10:50

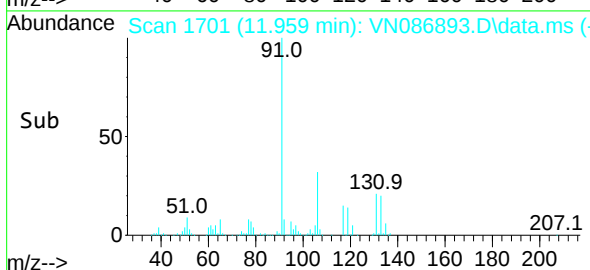
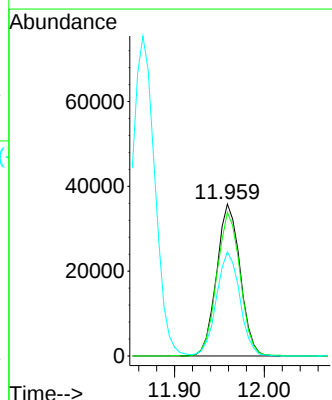
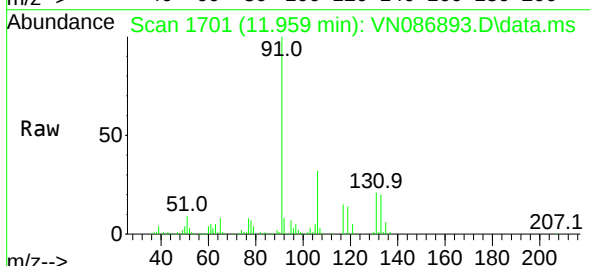
Tgt Ion:131 Resp: 65205

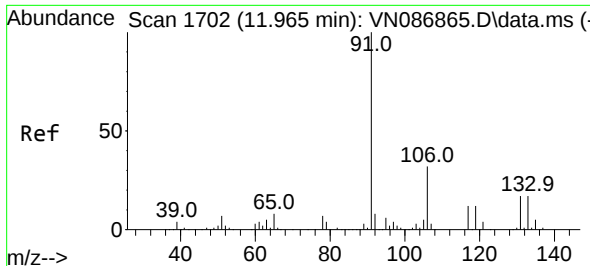
Ion Ratio Lower Upper

131 100

133 94.2 48.3 144.8

119 68.2 34.0 101.8

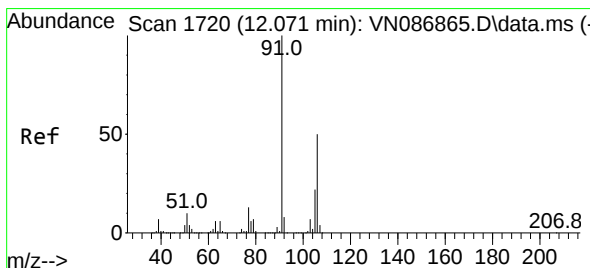
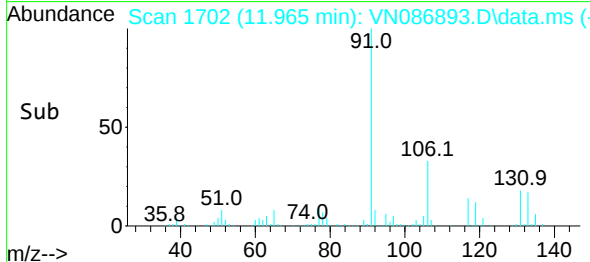
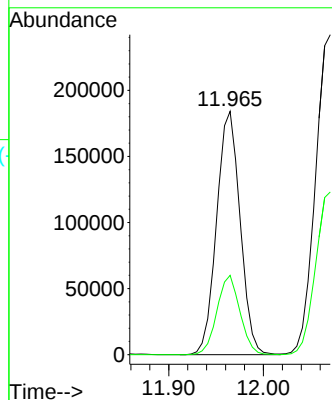
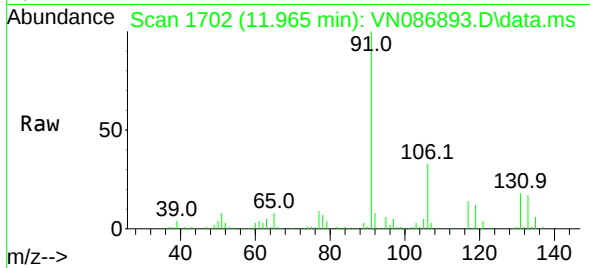




#67
Ethyl Benzene
Concen: 19.787 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN086893.D
Acq: 09 Jun 2025 10:50

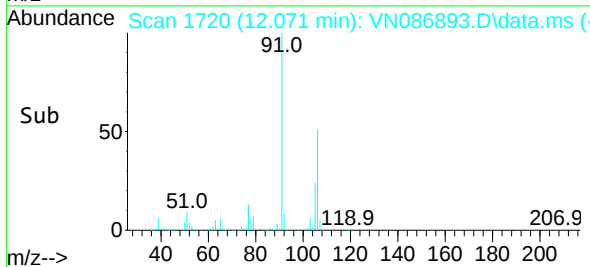
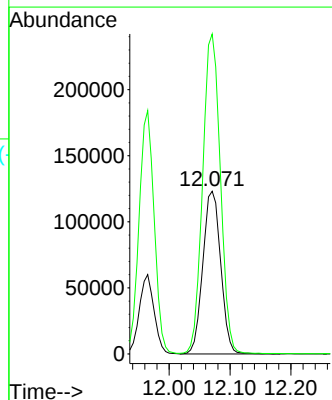
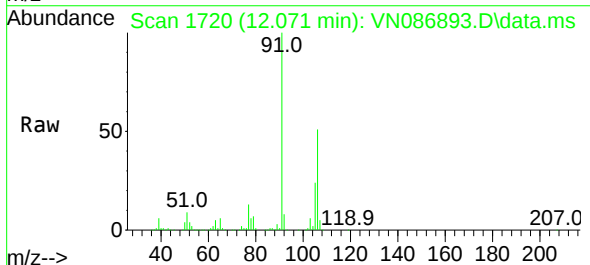
Instrument :
MSVOA_N
ClientSampleId :
VN0609WBS01

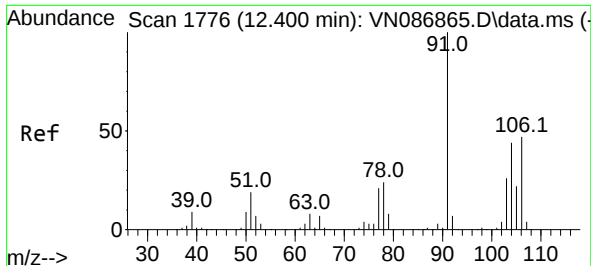
Tgt Ion: 91 Resp: 317590
Ion Ratio Lower Upper
91 100
106 32.6 25.4 38.2



#68
m/p-Xylenes
Concen: 40.899 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086893.D
Acq: 09 Jun 2025 10:50

Tgt Ion:106 Resp: 251284
Ion Ratio Lower Upper
106 100
91 195.0 159.4 239.0





#69

o-Xylene

Concen: 20.858 ug/l

RT: 12.394 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN086893.D

Acq: 09 Jun 2025 10:50

Instrument :

MSVOA_N

ClientSampleId :

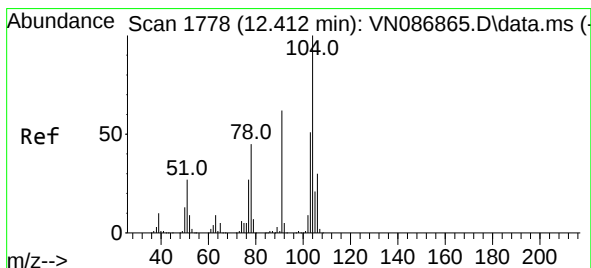
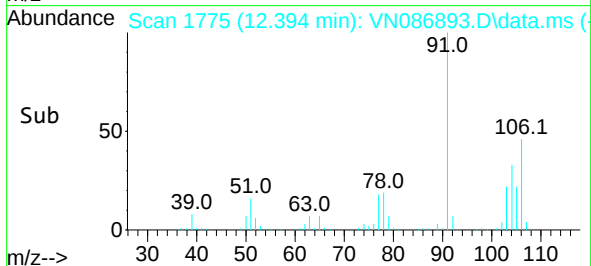
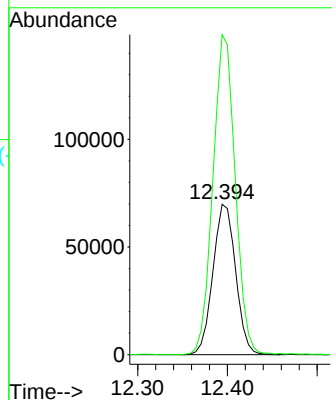
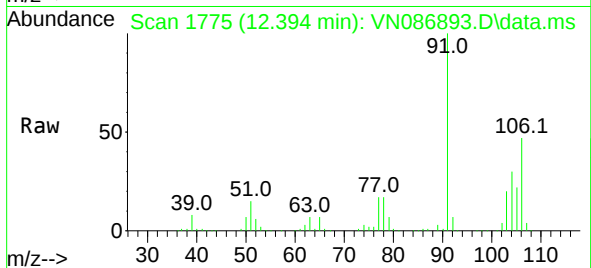
VN0609WBS01

Tgt Ion:106 Resp: 122737

Ion Ratio Lower Upper

106 100

91 210.0 106.1 318.1



#70

Styrene

Concen: 21.229 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN086893.D

Acq: 09 Jun 2025 10:50

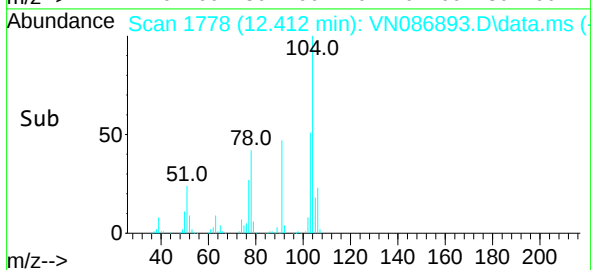
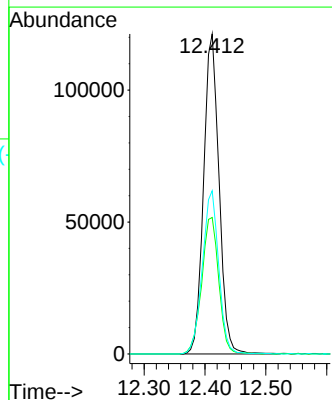
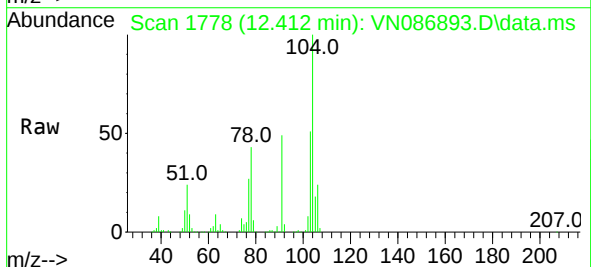
Tgt Ion:104 Resp: 213765

Ion Ratio Lower Upper

104 100

78 47.2 38.5 57.7

103 54.0 43.1 64.7

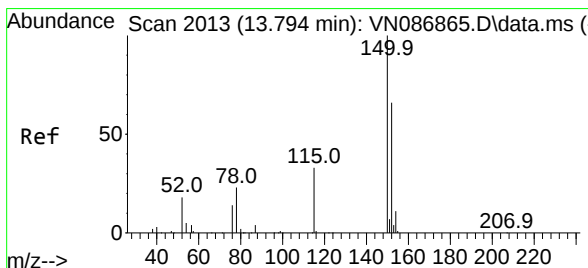
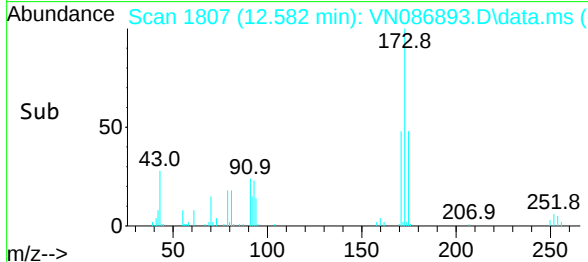
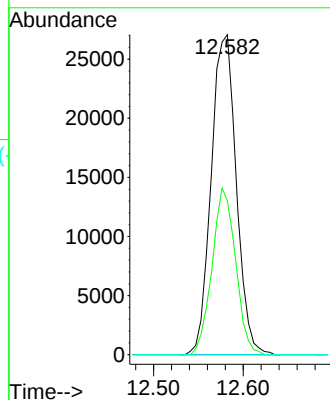
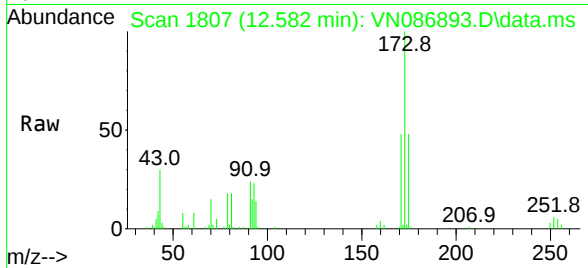




#71
Bromoform
Concen: 23.680 ug/l
RT: 12.582 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086893.D
Acq: 09 Jun 2025 10:50

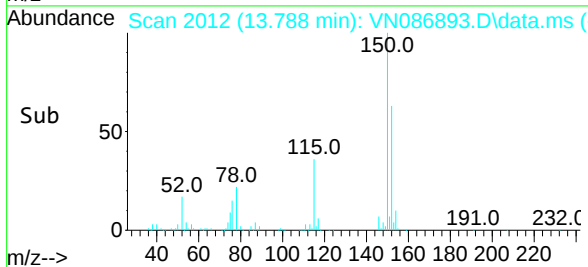
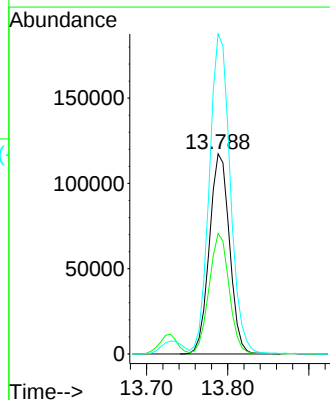
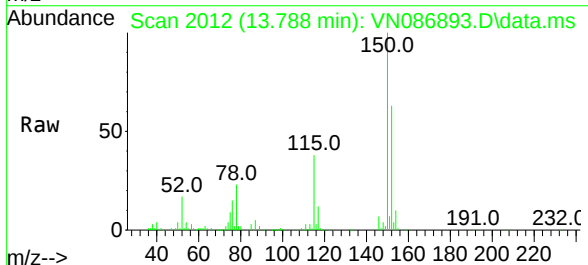
Instrument :
MSVOA_N
ClientSampleId :
VN0609WBS01

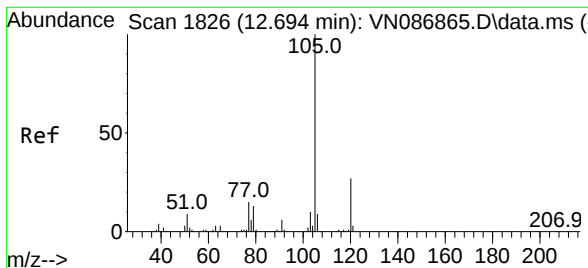
Tgt Ion:173 Resp: 52554
Ion Ratio Lower Upper
173 100
175 48.8 24.1 72.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN086893.D
Acq: 09 Jun 2025 10:50

Tgt Ion:152 Resp: 202169
Ion Ratio Lower Upper
152 100
115 59.4 30.1 90.5
150 166.5 0.0 345.0





#73

Isopropylbenzene

Concen: 19.921 ug/l

RT: 12.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086893.D

Acq: 09 Jun 2025 10:50

Instrument :

MSVOA_N

ClientSampleId :

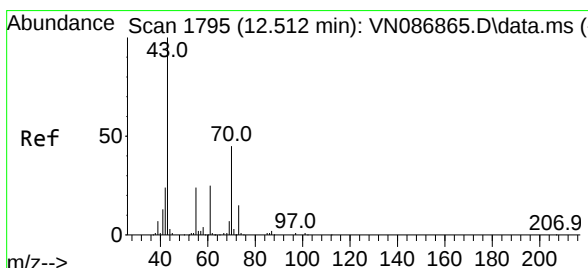
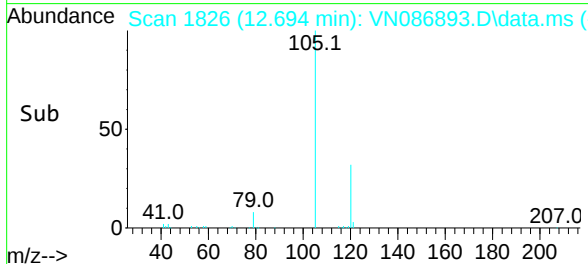
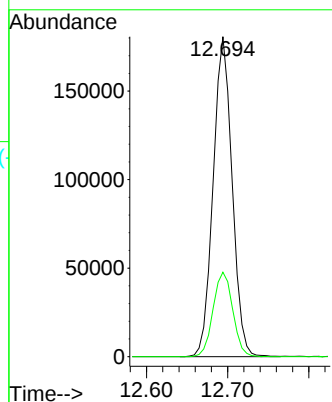
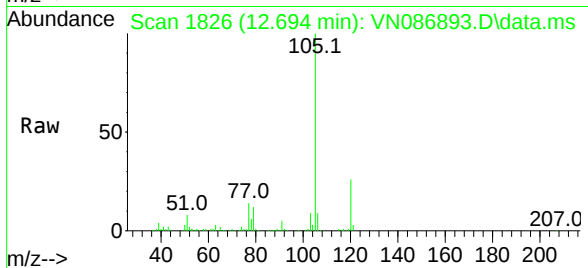
VN0609WBS01

Tgt Ion:105 Resp: 293400

Ion Ratio Lower Upper

105 100

120 27.4 13.5 40.4



#74

N-ethyl acetate

Concen: 22.893 ug/l

RT: 12.523 min Scan# 1797

Delta R.T. 0.012 min

Lab File: VN086893.D

Acq: 09 Jun 2025 10:50

Tgt Ion: 43 Resp: 117821

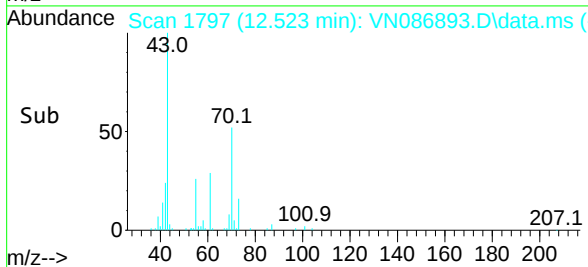
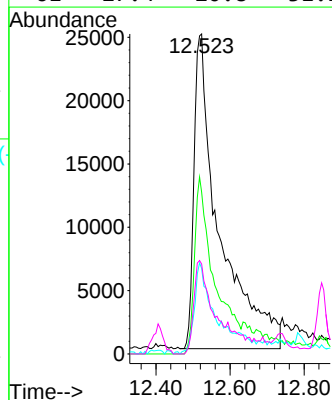
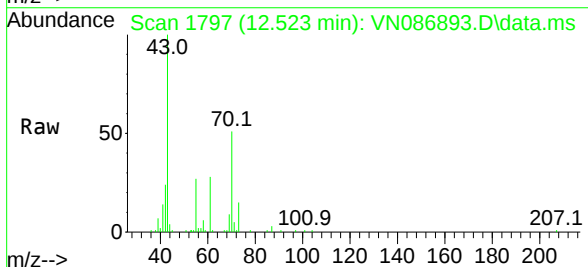
Ion Ratio Lower Upper

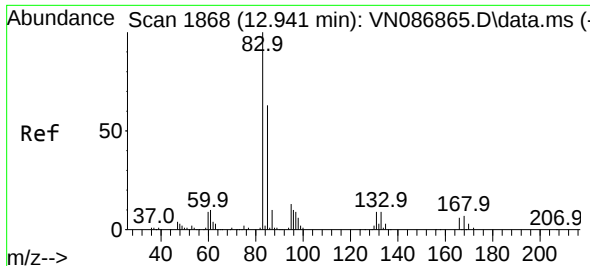
43 100

70 43.9 37.6 56.4

55 22.6 19.0 28.6

61 27.4 20.8 31.2

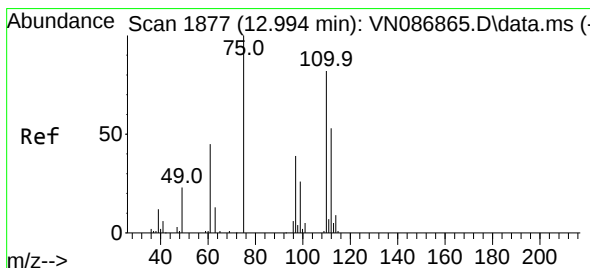
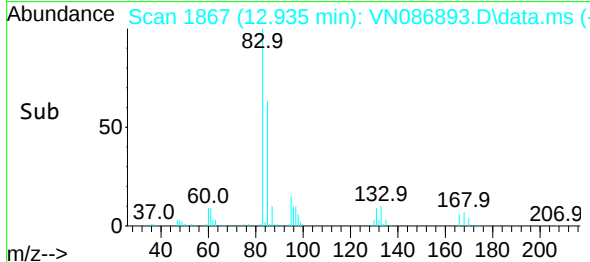
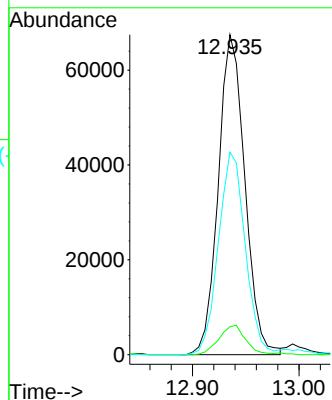
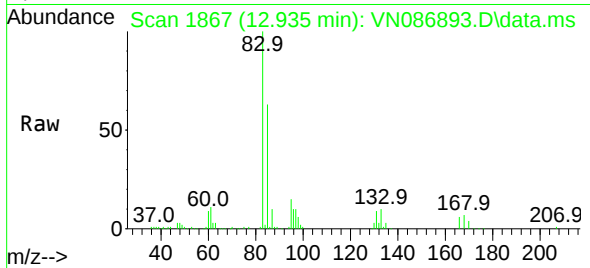




#75
 1,1,2,2-Tetrachloroethane
 Concen: 23.407 ug/l
 RT: 12.935 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VN086893.D
 Acq: 09 Jun 2025 10:50

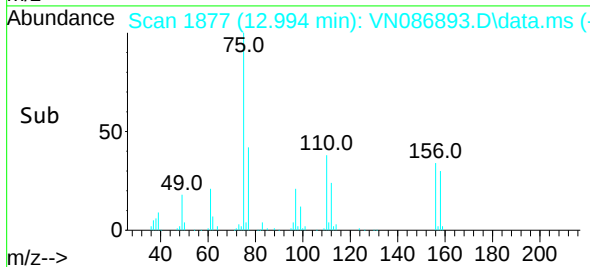
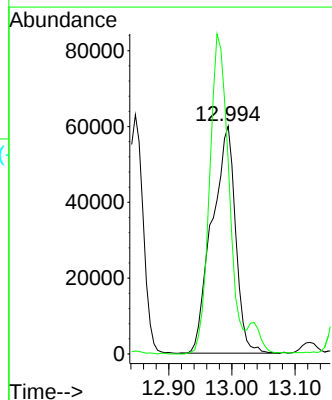
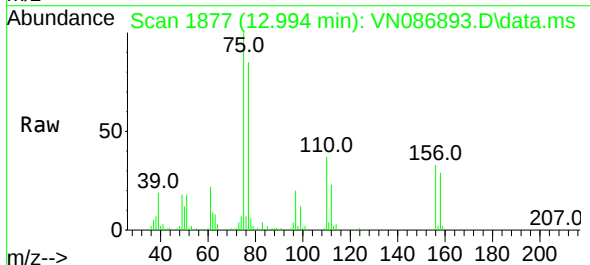
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0609WBS01

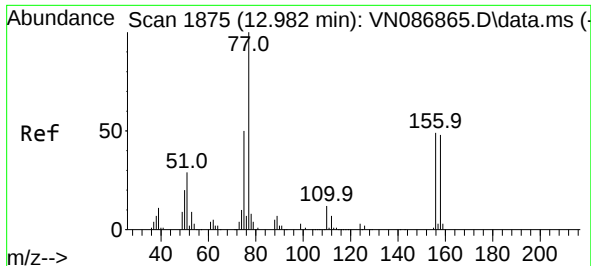
Tgt Ion: 83 Resp: 116789
 Ion Ratio Lower Upper
 83 100
 131 9.5 4.9 14.7
 85 64.2 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 32.362 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VN086893.D
 Acq: 09 Jun 2025 10:50

Tgt Ion: 75 Resp: 155522
 Ion Ratio Lower Upper
 75 100
 77 115.2 79.3 237.9

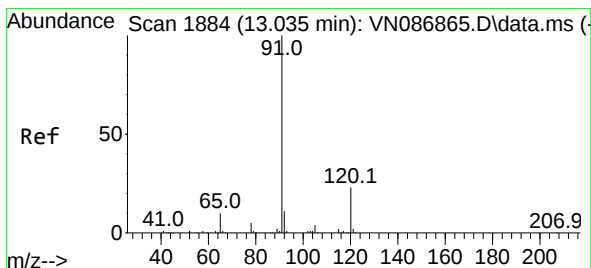
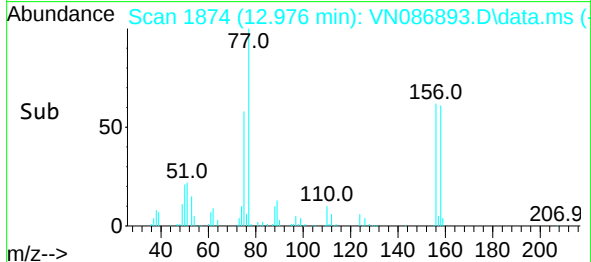
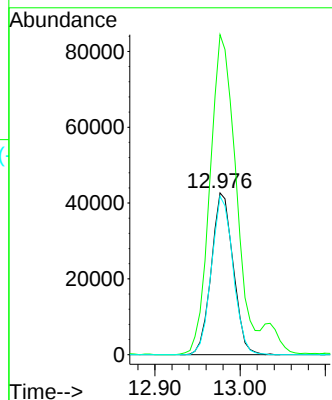
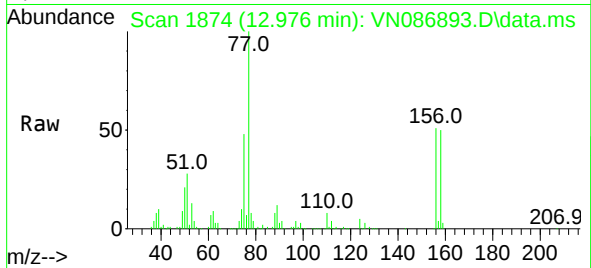




#77
Bromobenzene
Concen: 22.543 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN086893.D
Acq: 09 Jun 2025 10:50

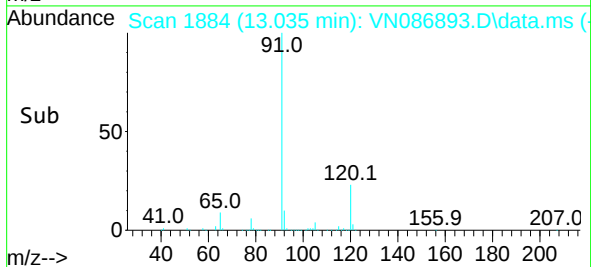
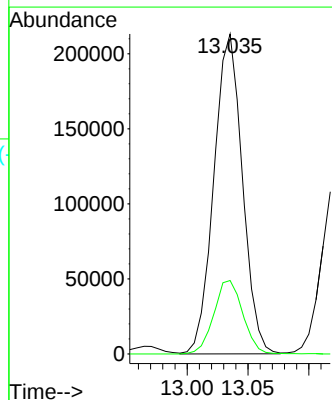
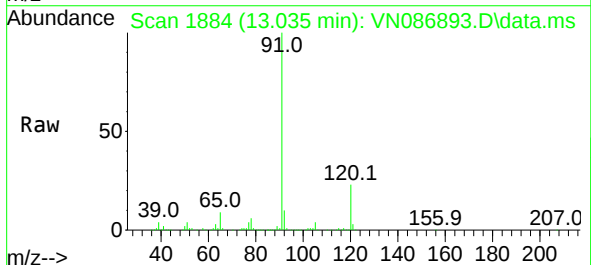
Instrument :
MSVOA_N
ClientSampleId :
VN0609WBS01

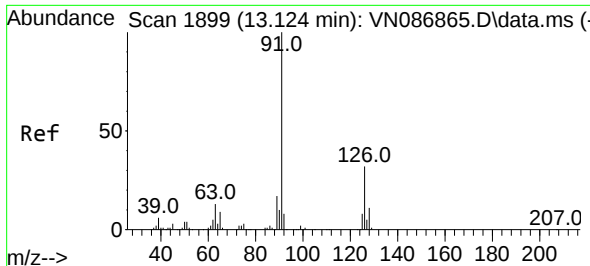
Tgt Ion:156 Resp: 76143
Ion Ratio Lower Upper
156 100
77 235.3 117.7 353.1
158 96.7 48.1 144.4



#78
n-propylbenzene
Concen: 19.379 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086893.D
Acq: 09 Jun 2025 10:50

Tgt Ion: 91 Resp: 346865
Ion Ratio Lower Upper
91 100
120 23.4 11.4 34.2

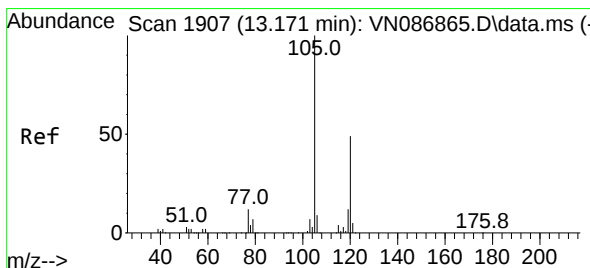
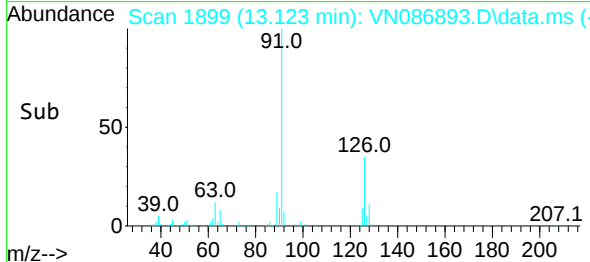
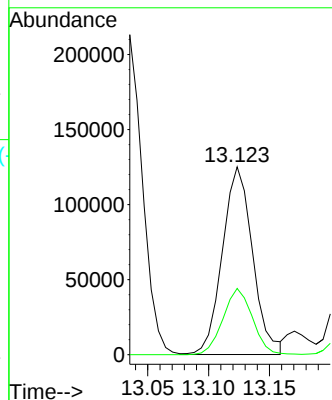
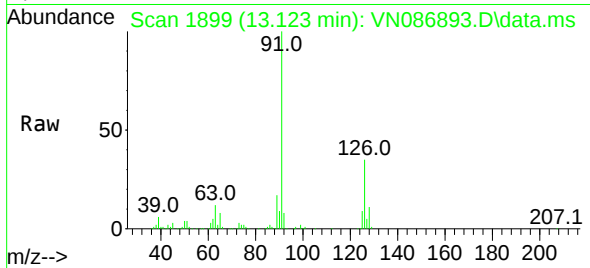




#79
2-Chlorotoluene
Concen: 20.152 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086893.D
Acq: 09 Jun 2025 10:50

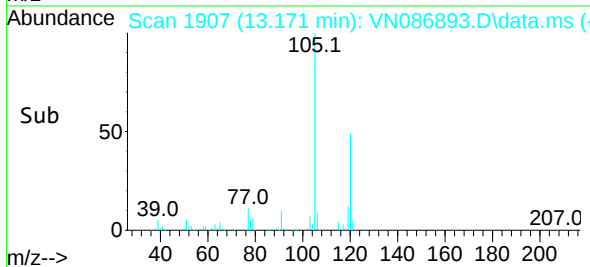
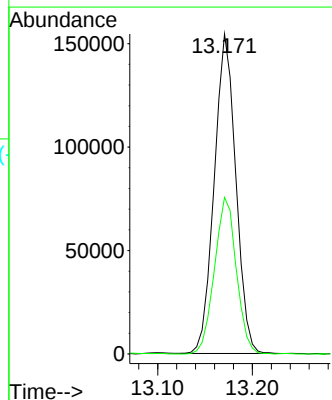
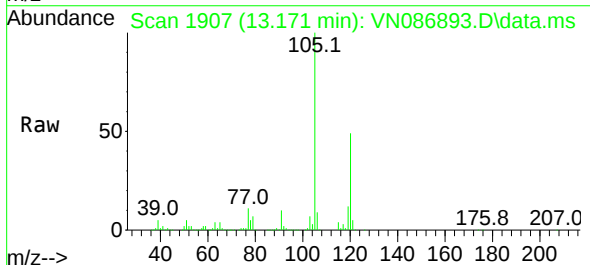
Instrument :
MSVOA_N
ClientSampleId :
VN0609WBS01

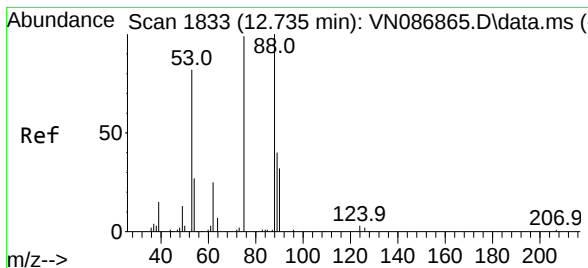
Tgt Ion: 91 Resp: 216311
Ion Ratio Lower Upper
91 100
126 34.4 16.2 48.5



#80
1,3,5-Trimethylbenzene
Concen: 20.079 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086893.D
Acq: 09 Jun 2025 10:50

Tgt Ion: 105 Resp: 244158
Ion Ratio Lower Upper
105 100
120 49.8 24.9 74.6

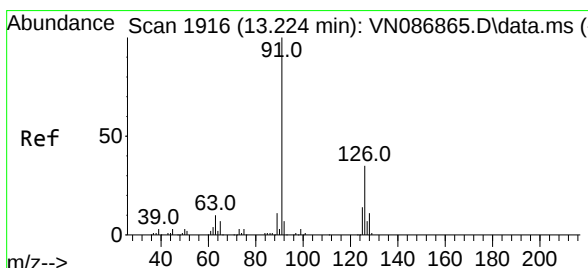
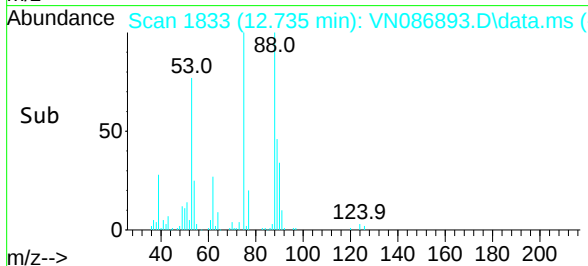
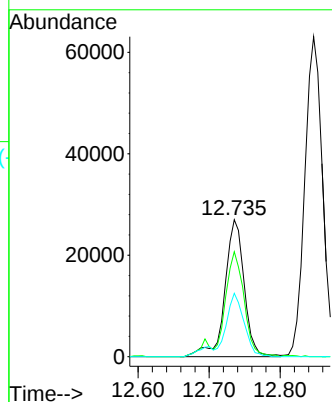
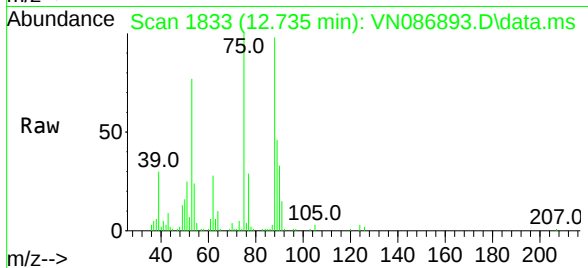




#81
trans-1,4-Dichloro-2-butene
Concen: 24.461 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086893.D
Acq: 09 Jun 2025 10:50

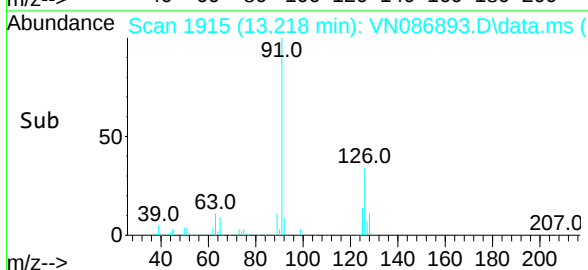
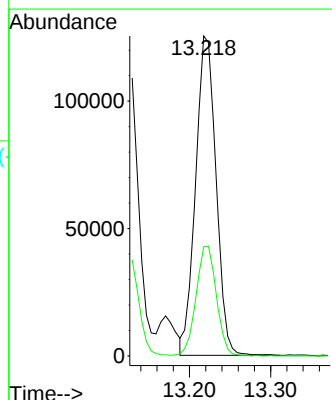
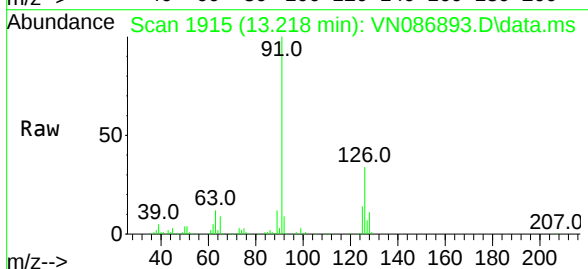
Instrument :
MSVOA_N
ClientSampleId :
VN0609WBS01

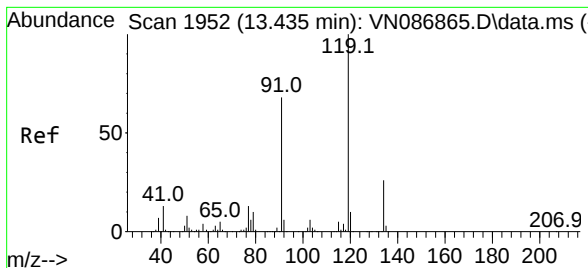
Tgt Ion: 75 Resp: 51065
Ion Ratio Lower Upper
75 100
53 72.4 66.6 99.8
89 42.1 36.7 55.1



#82
4-Chlorotoluene
Concen: 20.227 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN086893.D
Acq: 09 Jun 2025 10:50

Tgt Ion: 91 Resp: 219687
Ion Ratio Lower Upper
91 100
126 34.3 16.7 50.1

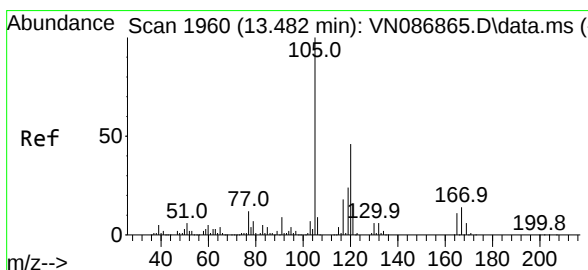
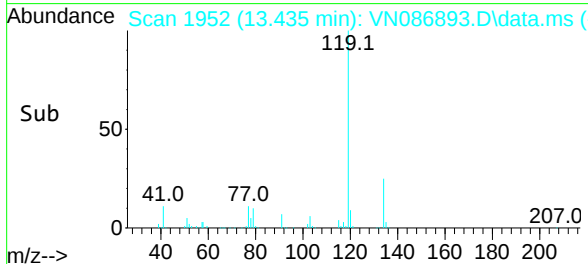
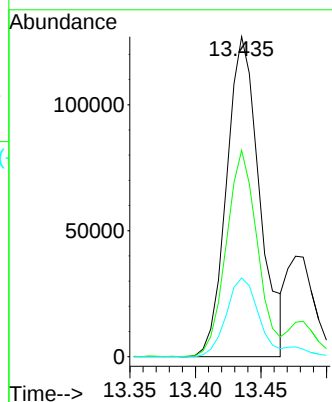
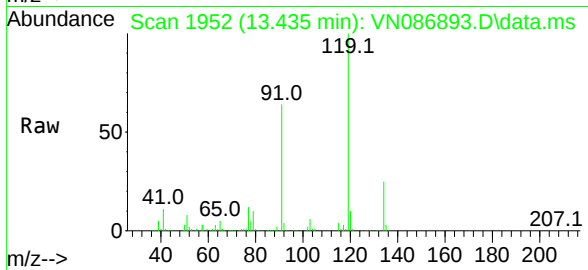




#83
 tert-Butylbenzene
 Concen: 19.927 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. -0.000 min
 Lab File: VN086893.D
 Acq: 09 Jun 2025 10:50

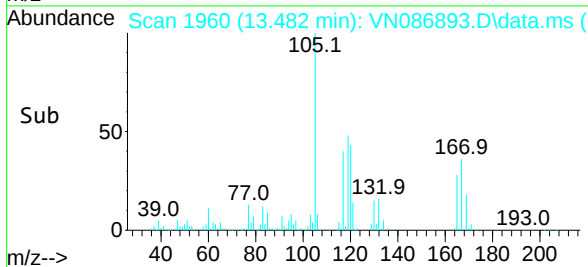
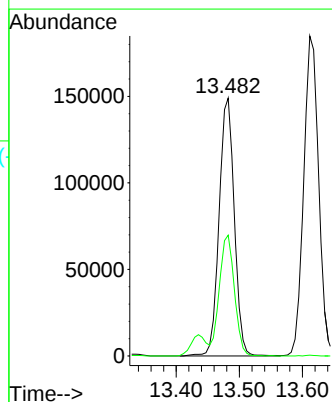
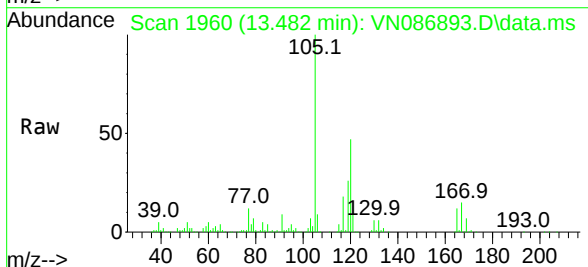
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0609WBS01

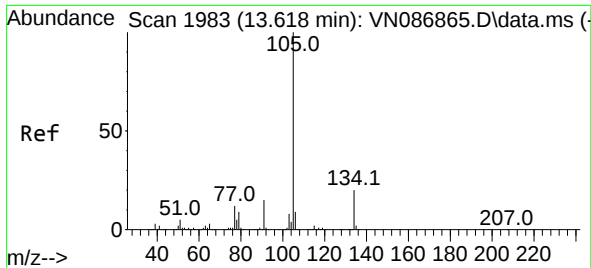
Tgt Ion:119 Resp: 221806
 Ion Ratio Lower Upper
 119 100
 91 61.3 32.1 96.5
 134 26.2 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.416 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.000 min
 Lab File: VN086893.D
 Acq: 09 Jun 2025 10:50

Tgt Ion:105 Resp: 248941
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.2 69.6

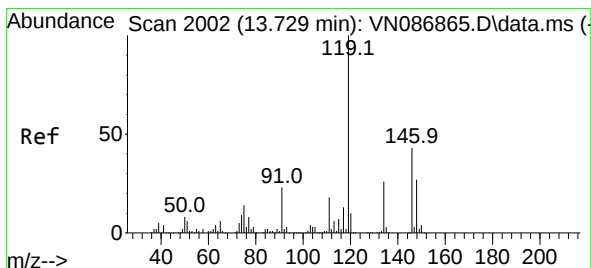
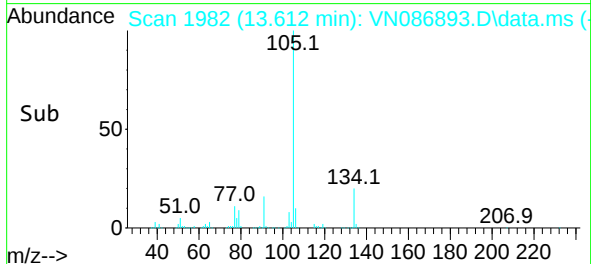
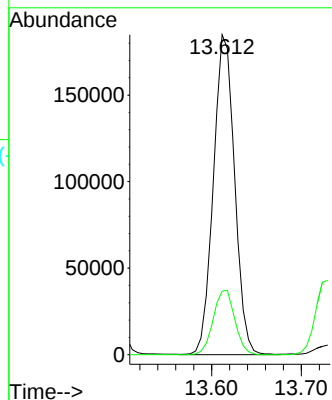
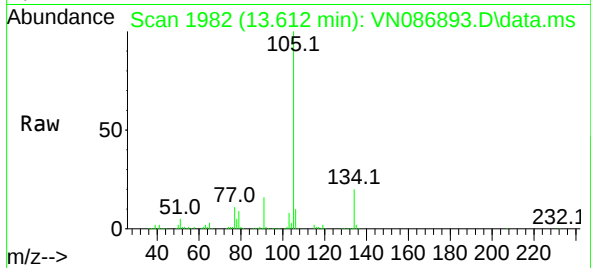




#85
 sec-Butylbenzene
 Concen: 18.792 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.006 min
 Lab File: VN086893.D
 Acq: 09 Jun 2025 10:50

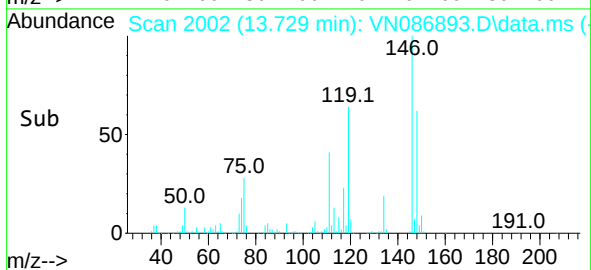
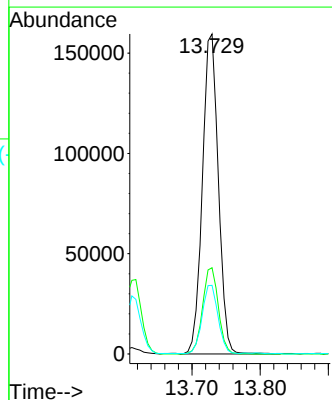
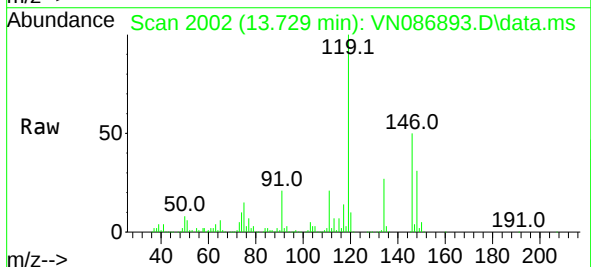
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0609WBS01

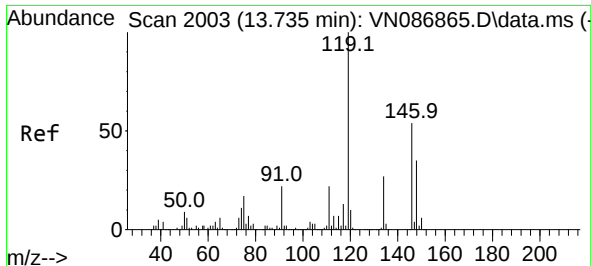
Tgt Ion:105 Resp: 303760
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 19.440 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086893.D
 Acq: 09 Jun 2025 10:50

Tgt Ion:119 Resp: 259754
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.5 40.4
 91 21.2 11.5 34.4





#87

1,3-Dichlorobenzene

Concen: 21.181 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.006 min

Lab File: VN086893.D

Acq: 09 Jun 2025 10:50

Instrument :

MSVOA_N

ClientSampleId :

VN0609WBS01

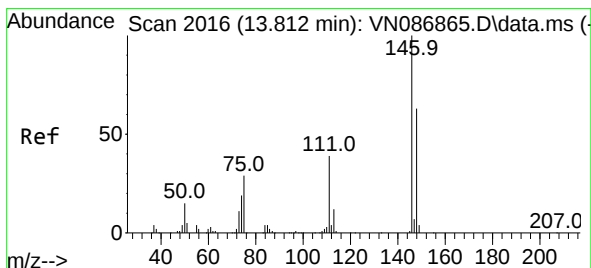
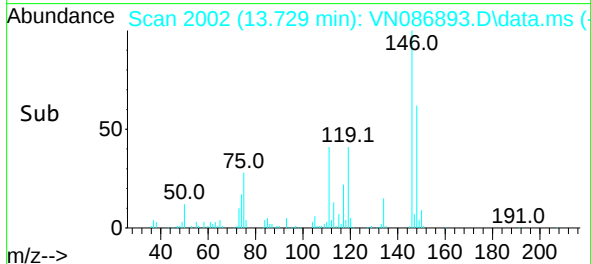
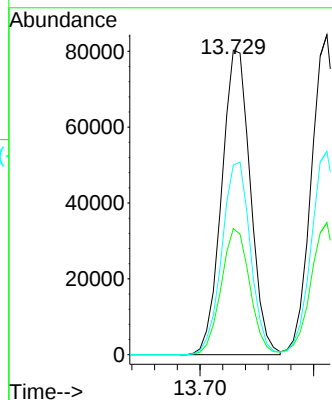
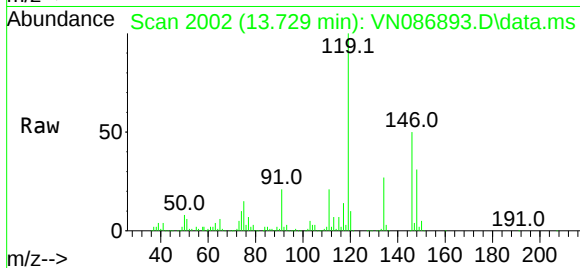
Tgt Ion:146 Resp: 140762

Ion Ratio Lower Upper

146 100

111 41.3 20.9 62.8

148 63.0 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 21.117 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN086893.D

Acq: 09 Jun 2025 10:50

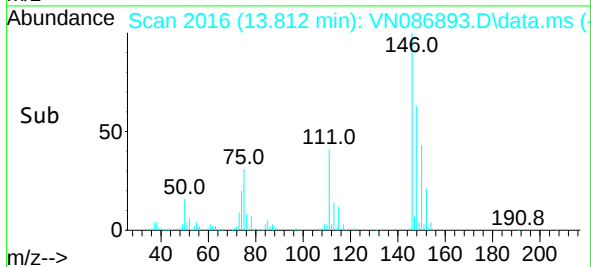
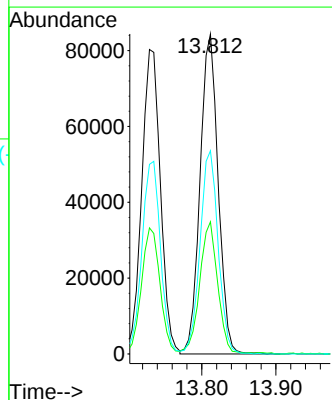
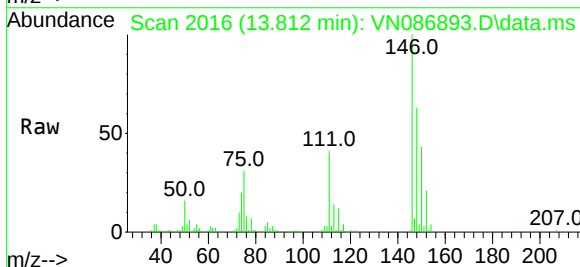
Tgt Ion:146 Resp: 143075

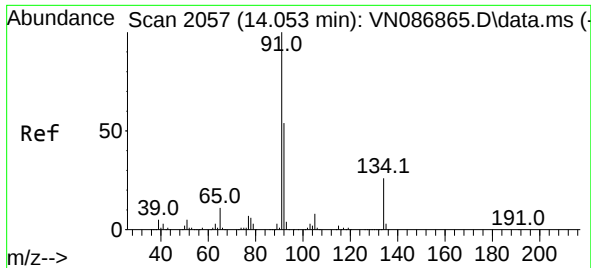
Ion Ratio Lower Upper

146 100

111 40.4 19.9 59.7

148 63.6 31.8 95.4

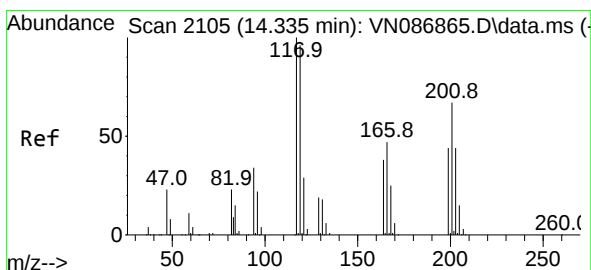
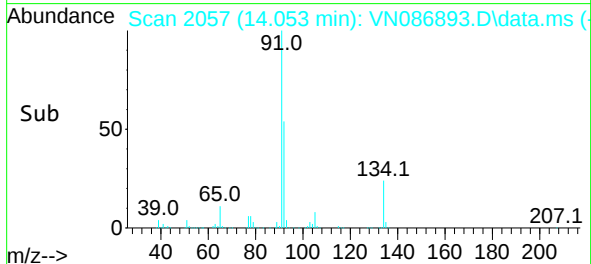
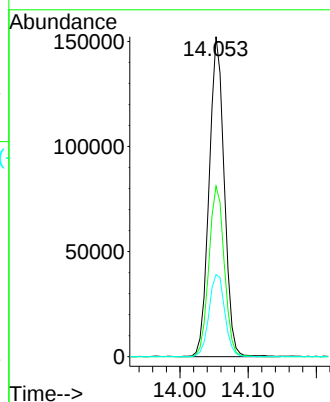
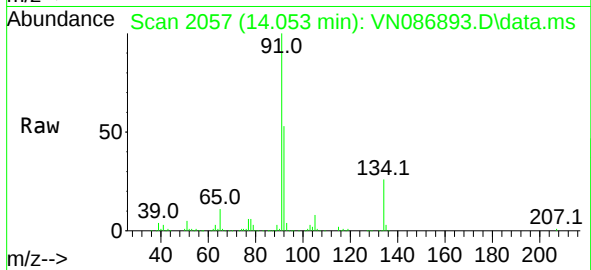




#89
n-Butylbenzene
Concen: 18.204 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086893.D
Acq: 09 Jun 2025 10:50

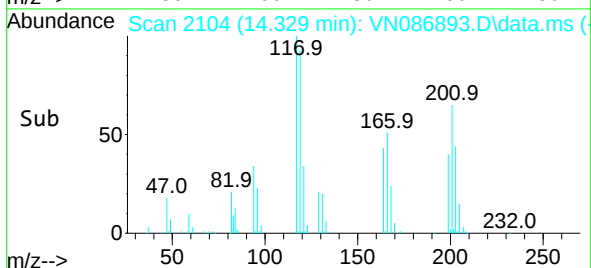
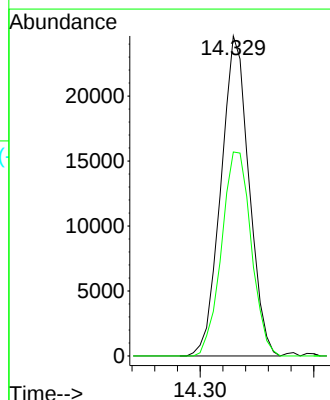
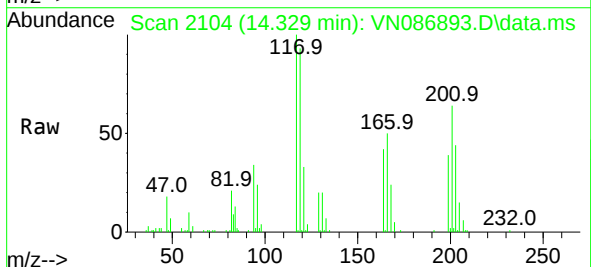
Instrument :
MSVOA_N
ClientSampleId :
VN0609WBS01

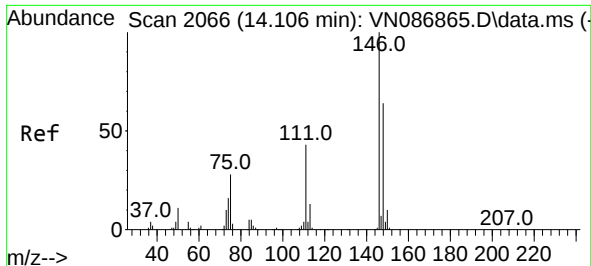
Tgt Ion: 91 Resp: 235600
Ion Ratio Lower Upper
91 100
92 54.1 27.5 82.4
134 26.8 13.0 39.0



#90
Hexachloroethane
Concen: 18.625 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN086893.D
Acq: 09 Jun 2025 10:50

Tgt Ion: 117 Resp: 42184
Ion Ratio Lower Upper
117 100
201 67.4 33.2 99.6

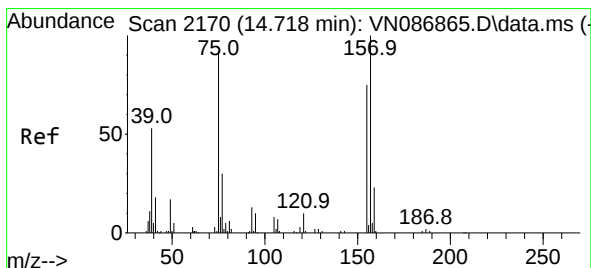
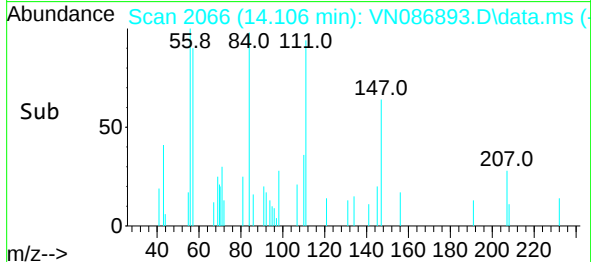
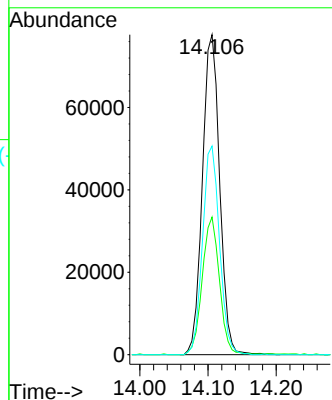
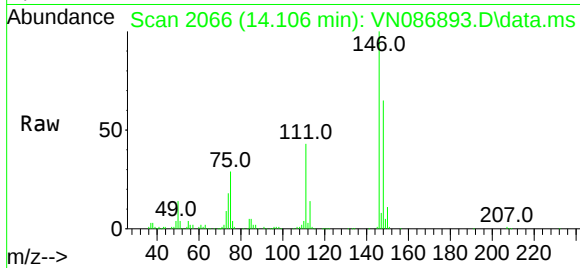




#91
 1,2-Dichlorobenzene
 Concen: 21.435 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. -0.000 min
 Lab File: VN086893.D
 Acq: 09 Jun 2025 10:50

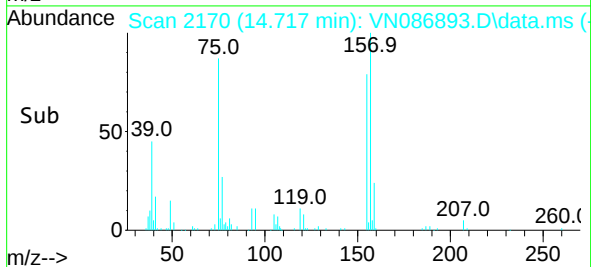
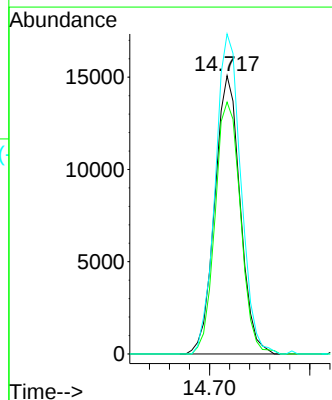
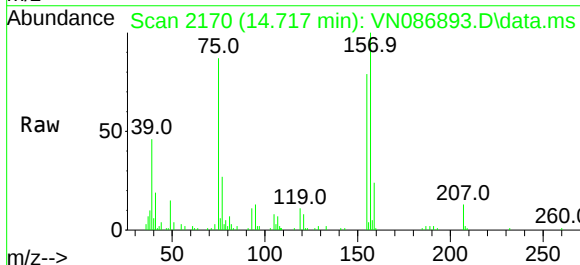
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0609WBS01

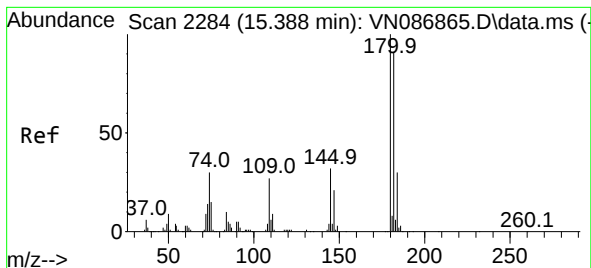
Tgt Ion:146 Resp: 136855
 Ion Ratio Lower Upper
 146 100
 111 42.9 21.6 64.6
 148 64.2 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.219 ug/l
 RT: 14.717 min Scan# 2170
 Delta R.T. -0.000 min
 Lab File: VN086893.D
 Acq: 09 Jun 2025 10:50

Tgt Ion: 75 Resp: 26513
 Ion Ratio Lower Upper
 75 100
 155 90.6 41.1 123.4
 157 115.7 52.7 158.1





#93

1,2,4-Trichlorobenzene

Concen: 19.464 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN086893.D

Acq: 09 Jun 2025 10:50

Instrument :

MSVOA_N

ClientSampleId :

VN0609WBS01

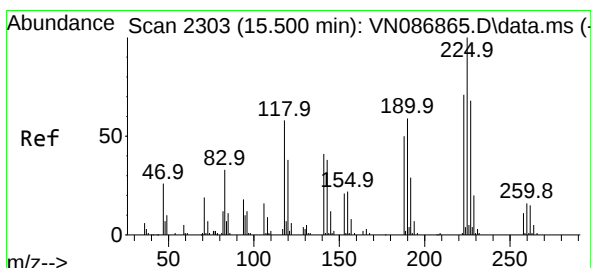
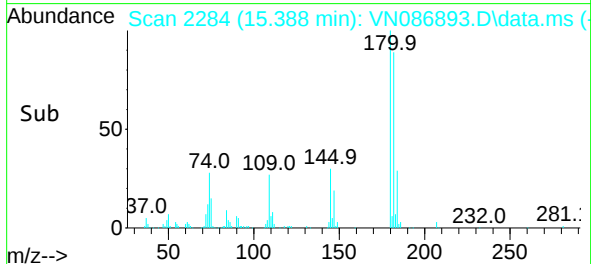
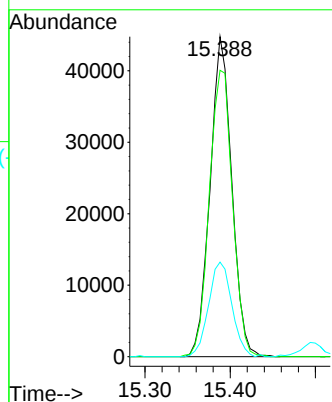
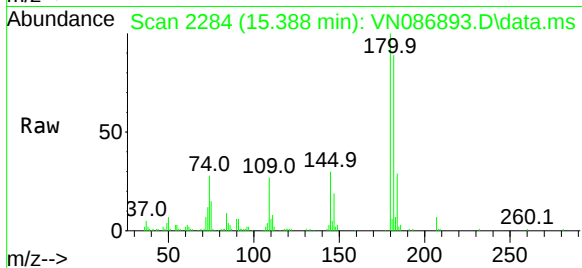
Tgt Ion:180 Resp: 79356

Ion Ratio Lower Upper

180 100

182 95.4 46.9 140.7

145 31.7 16.0 47.9



#94

Hexachlorobutadiene

Concen: 17.787 ug/l

RT: 15.494 min Scan# 2302

Delta R.T. -0.006 min

Lab File: VN086893.D

Acq: 09 Jun 2025 10:50

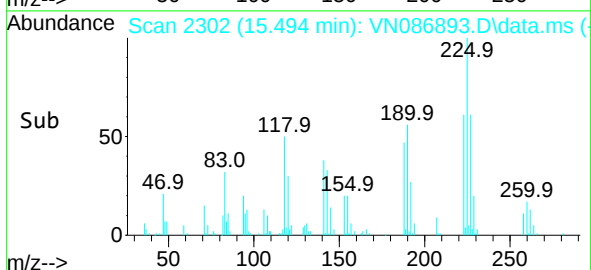
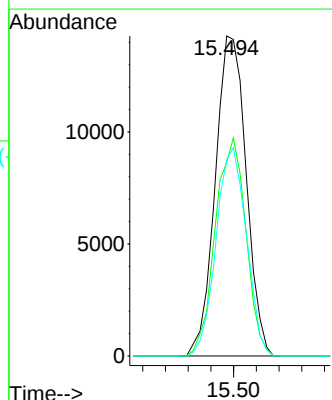
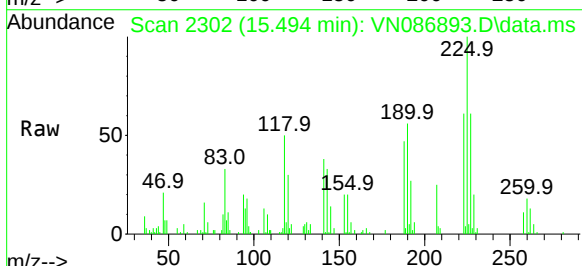
Tgt Ion:225 Resp: 27017

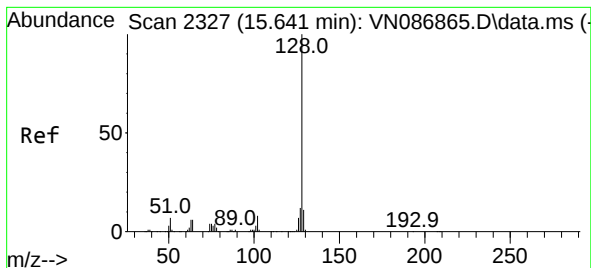
Ion Ratio Lower Upper

225 100

223 67.1 33.5 100.4

227 63.7 31.1 93.5





#95

Naphthalene

Concen: 21.587 ug/l

RT: 15.635 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN086893.D

Acq: 09 Jun 2025 10:50

Instrument :

MSVOA_N

ClientSampleId :

VN0609WBS01

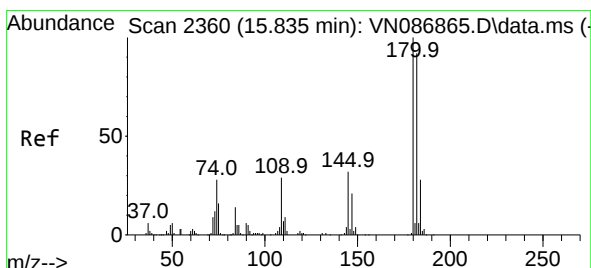
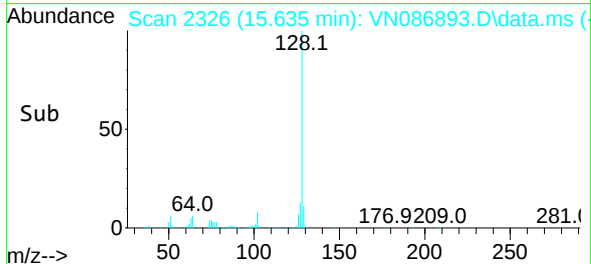
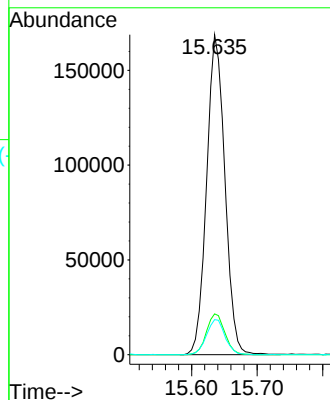
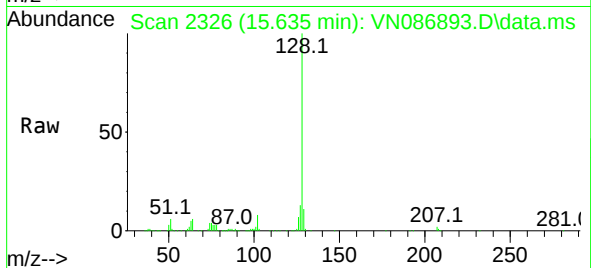
Tgt Ion:128 Resp: 327594

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 11.2 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 19.122 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN086893.D

Acq: 09 Jun 2025 10:50

Tgt Ion:180 Resp: 77458

Ion Ratio Lower Upper

180 100

182 94.1 47.0 141.0

145 33.8 16.6 49.8

