

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
 Data File : VN086922.D
 Acq On : 10 Jun 2025 12:51
 Operator : JC\MD
 Sample : Q2250-02MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-11A-13.5-060525MS

Quant Time: Jun 11 01:52:35 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	174378	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	310932	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	270945	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	132628	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	116443	49.874	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.740%
35) Dibromofluoromethane	8.177	113	96506	52.373	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.740%
50) Toluene-d8	10.571	98	373191	51.160	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.320%
62) 4-Bromofluorobenzene	12.847	95	138034	50.932	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.860%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.154	85	68302	39.284	ug/l	96
3) Chloromethane	2.395	50	80842	36.007	ug/l	100
4) Vinyl Chloride	2.554	62	116824	50.442	ug/l	100
5) Bromomethane	3.001	94	51812	39.977	ug/l	94
6) Chloroethane	3.159	64	58869	39.351	ug/l	100
7) Trichlorofluoromethane	3.530	101	115932	38.313	ug/l	96
8) Diethyl Ether	3.989	74	51551	39.101	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.400	101	367438	193.276	ug/l	99
10) Methyl Iodide	4.618	142	79922	32.430	ug/l	97
11) Tert butyl alcohol	5.530	59	107683	169.980	ug/l	98
12) 1,1-Dichloroethene	4.371	96	92890	47.860	ug/l	93
13) Acrolein	4.200	56	33731	168.212	ug/l	98
14) Allyl chloride	5.047	41	117940	36.641	ug/l	96
15) Acrylonitrile	5.736	53	284483	192.124	ug/l	98
16) Acetone	4.448	43	215008	173.656	ug/l	99
17) Carbon Disulfide	4.742	76	196337	36.571	ug/l	98
18) Methyl Acetate	5.047	43	132769	36.798	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	271783	38.674	ug/l	98
20) Methylene Chloride	5.300	84	87753	37.857	ug/l	96
21) trans-1,2-Dichloroethene	5.806	96	102714	47.566	ug/l	97
22) Diisopropyl ether	6.689	45	255658	37.680	ug/l	99
23) Vinyl Acetate	6.618	43	1062011	185.258	ug/l	99
24) 1,1-Dichloroethane	6.583	63	176376	45.171	ug/l	99
25) 2-Butanone	7.494	43	364801	181.265	ug/l #	80
26) 2,2-Dichloropropane	7.506	77	128482	42.301	ug/l #	1
27) cis-1,2-Dichloroethene	7.500	96	4853647	1879.430	ug/l	90
28) Bromochloromethane	7.824	49	78797	41.044	ug/l	93
29) Tetrahydrofuran	7.847	42	239404	182.609	ug/l	96
30) Chloroform	7.977	83	151067	38.741	ug/l	99
31) Cyclohexane	8.265	56	123047	32.495	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	123440	37.219	ug/l	98
36) 1,1-Dichloropropene	8.377	75	106081	38.635	ug/l	100
37) Ethyl Acetate	7.571	43	126676	36.242	ug/l #	79
38) Carbon Tetrachloride	8.371	117	102158	37.897	ug/l	96
39) Methylcyclohexane	9.606	83	118983	31.630	ug/l	95
40) Benzene	8.612	78	351060	39.099	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	70459	35.893	ug/l	94
42) 1,2-Dichloroethane	8.677	62	106970	39.279	ug/l	100
43) Isopropyl Acetate	8.694	43	203030	36.190	ug/l	98
44) Trichloroethene	9.359	130	6264273	2942.351	ug/l	98
45) 1,2-Dichloropropane	9.624	63	84220	38.556	ug/l	99
46) Dibromomethane	9.712	93	58291	40.176	ug/l	99
47) Bromodichloromethane	9.888	83	115490	38.688	ug/l	98
48) Methyl methacrylate	9.682	41	95039	36.807	ug/l	97
49) 1,4-Dioxane	9.700	88	37276	793.544	ug/l #	94
51) 4-Methyl-2-Pentanone	10.447	43	627690	185.856	ug/l	97
52) Toluene	10.629	92	211099	38.472	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	134072	40.165	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	141166	39.524	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	84553	40.047	ug/l	98
56) Ethyl methacrylate	10.882	69	138783	41.269	ug/l	95
57) 1,3-Dichloropropane	11.165	76	142808	38.991	ug/l	98
59) 2-Hexanone	11.200	43	410712	188.796	ug/l	94
60) Dibromochloromethane	11.359	129	88571	40.264	ug/l	98
61) 1,2-Dibromoethane	11.471	107	85449	39.485	ug/l	98
64) Tetrachloroethene	11.106	164	97793	57.032	ug/l	97
65) Chlorobenzene	11.894	112	236181	39.523	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	74715	38.896	ug/l	99
67) Ethyl Benzene	11.965	91	387237	37.621	ug/l	99
68) m/p-Xylenes	12.071	106	305789	77.607	ug/l	97
69) o-Xylene	12.394	106	147363	39.050	ug/l	98
70) Styrene	12.412	104	254157	39.358	ug/l	100
71) Bromoform	12.576	173	59843	42.046	ug/l #	100
73) Isopropylbenzene	12.694	105	356009	36.846	ug/l	100
74) N-amyl acetate	12.512	43	125467	37.161	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	131015	40.025	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	176577	56.010	ug/l	68
77) Bromobenzene	12.982	156	89530	40.405	ug/l	98
78) n-propylbenzene	13.035	91	421170	35.869	ug/l	99
79) 2-Chlorotoluene	13.123	91	262472	37.274	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	287840	36.083	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	56257	41.077	ug/l	97
82) 4-Chlorotoluene	13.218	91	272044	38.181	ug/l	100
83) tert-Butylbenzene	13.435	119	247652	33.915	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	294041	36.759	ug/l	100
85) sec-Butylbenzene	13.612	105	353284	33.315	ug/l	100
86) p-Isopropyltoluene	13.723	119	297463	33.934	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	165194	37.892	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	172677	38.850	ug/l	99
89) n-Butylbenzene	14.053	91	270209	31.824	ug/l	100
90) Hexachloroethane	14.329	117	52840	35.562	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	161871	38.647	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	28266	36.108	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	89607	33.503	ug/l	99
94) Hexachlorobutadiene	15.494	225	26250	26.343	ug/l	99
95) Naphthalene	15.635	128	365200	36.684	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	85176	32.053	ug/l	99

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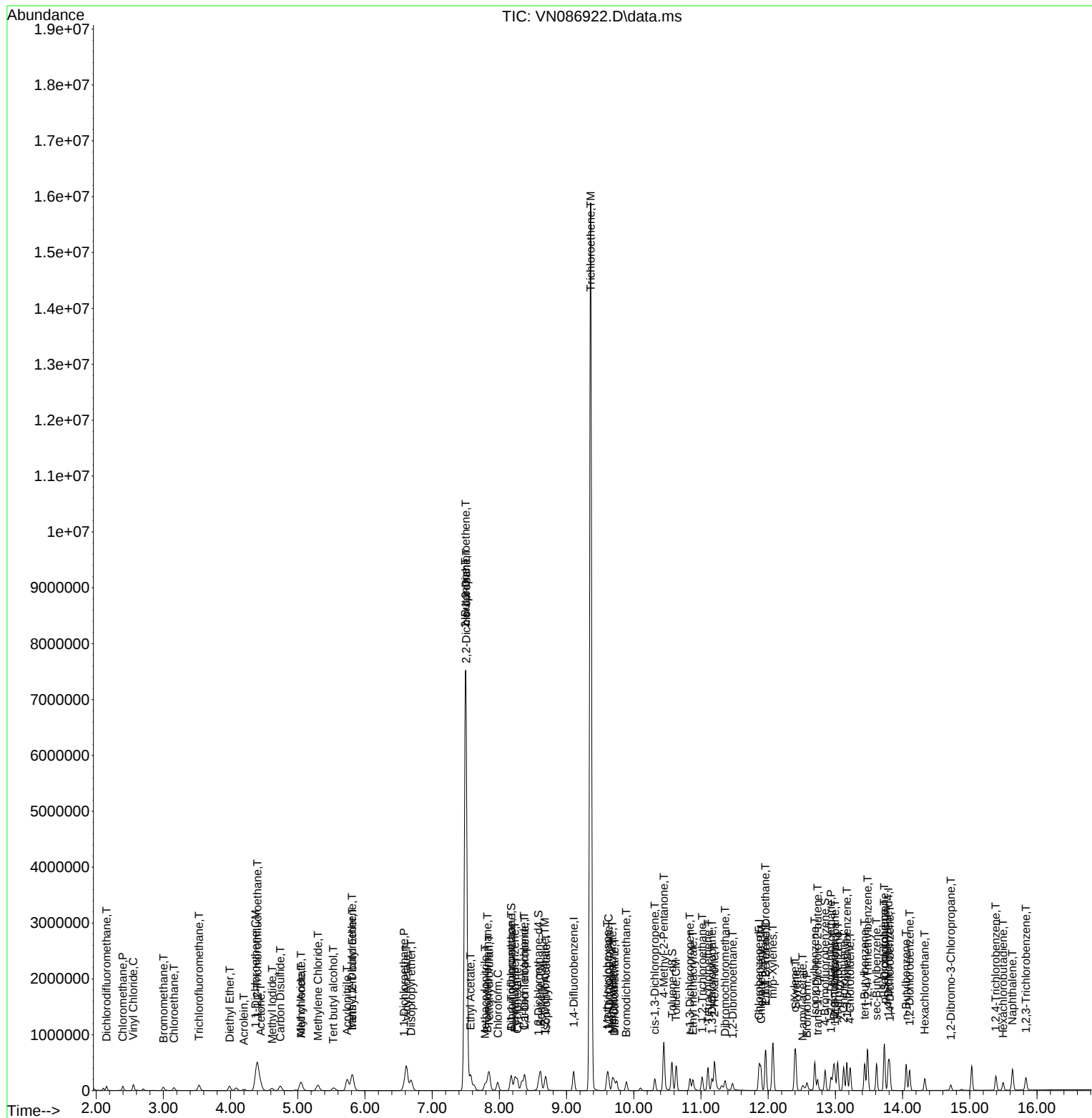
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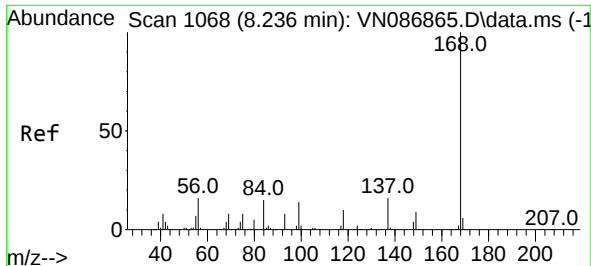
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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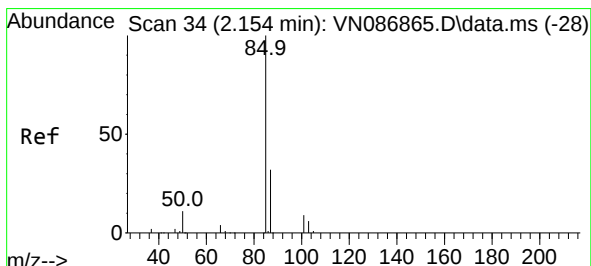
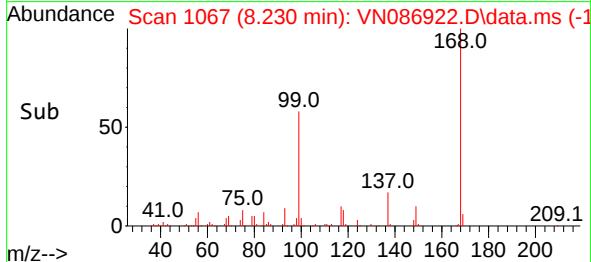
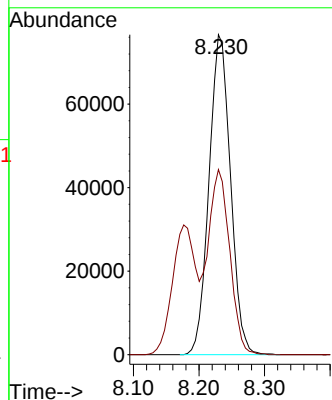
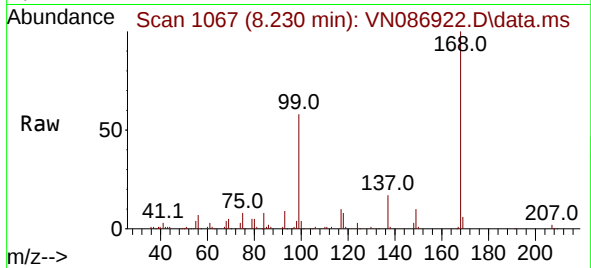




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.006 min
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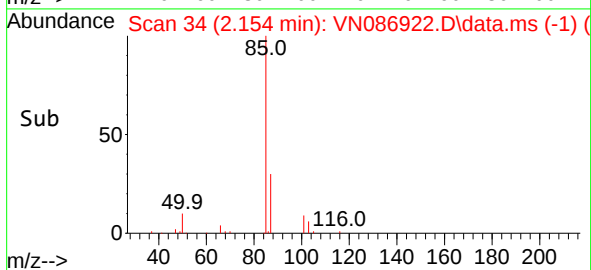
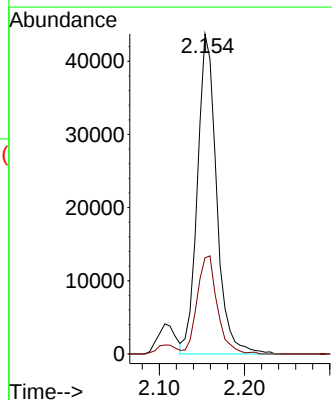
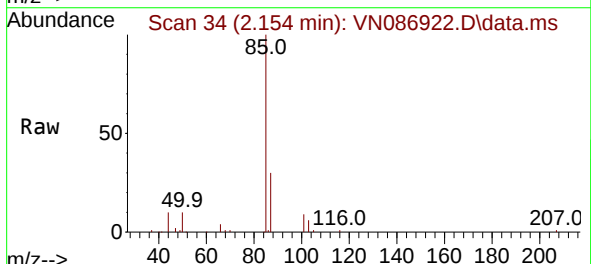
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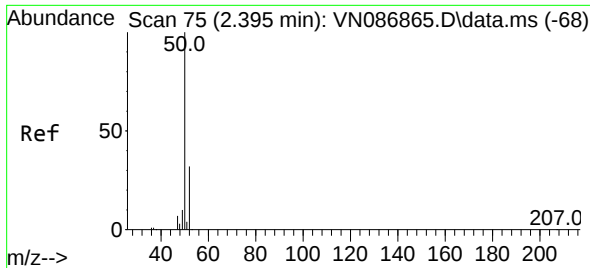
Tgt Ion:168 Resp: 174378
Ion Ratio Lower Upper
168 100
99 57.9 49.1 73.7



#2
Dichlorodifluoromethane
Concen: 39.284 ug/l
RT: 2.154 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN086922.D
Acq: 10 Jun 2025 12:51

Tgt Ion: 85 Resp: 68302
Ion Ratio Lower Upper
85 100
87 30.1 16.2 48.6

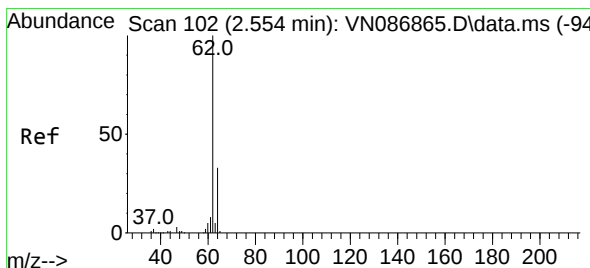
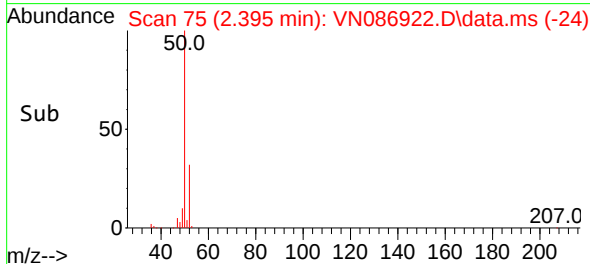
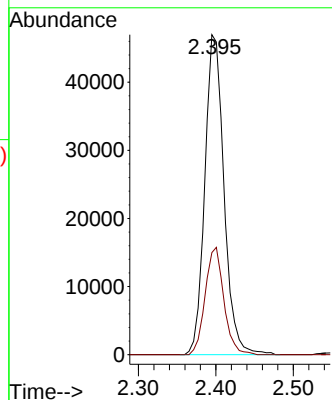
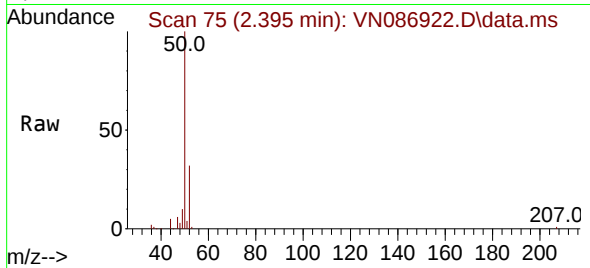




#3
Chloromethane
Concen: 36.007 ug/l
RT: 2.395 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN086922.D
Acq: 10 Jun 2025 12:51

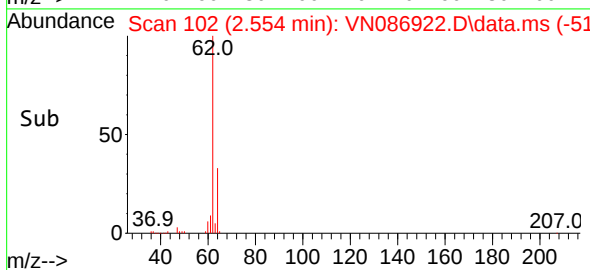
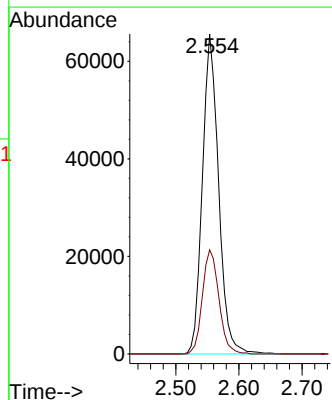
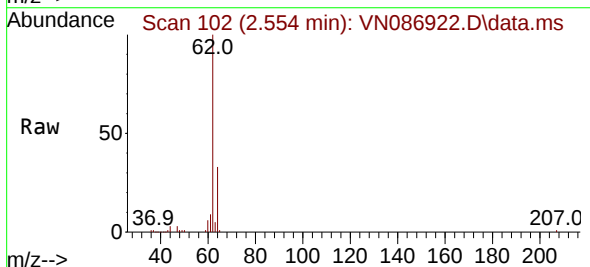
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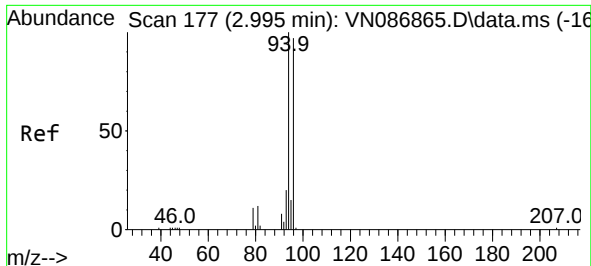
Tgt Ion: 50 Resp: 80842
Ion Ratio Lower Upper
50 100
52 31.9 25.7 38.5



#4
Vinyl Chloride
Concen: 50.442 ug/l
RT: 2.554 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN086922.D
Acq: 10 Jun 2025 12:51

Tgt Ion: 62 Resp: 116824
Ion Ratio Lower Upper
62 100
64 32.5 26.0 39.0

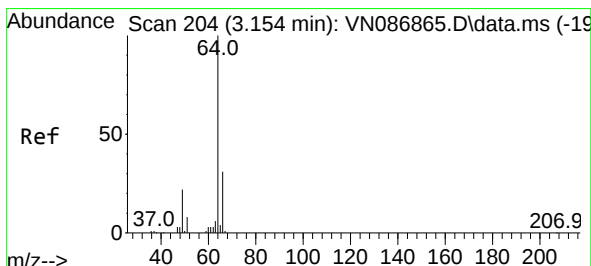
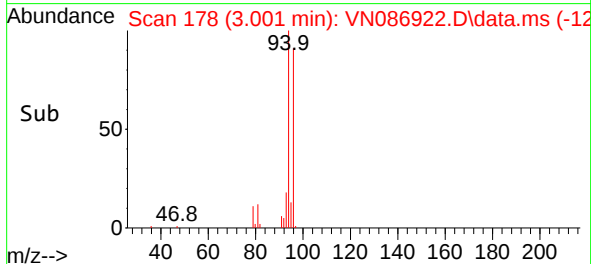
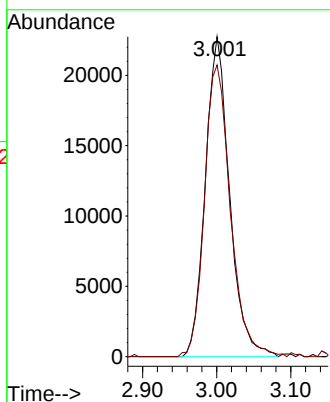
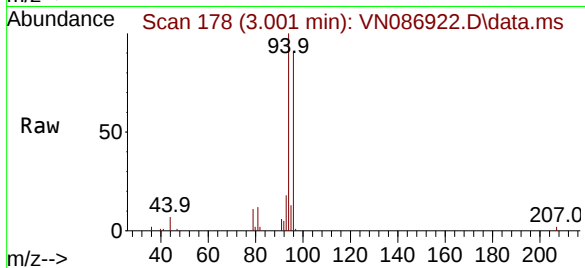




#5
Bromomethane
Concen: 39.977 ug/l
RT: 3.001 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN086922.D
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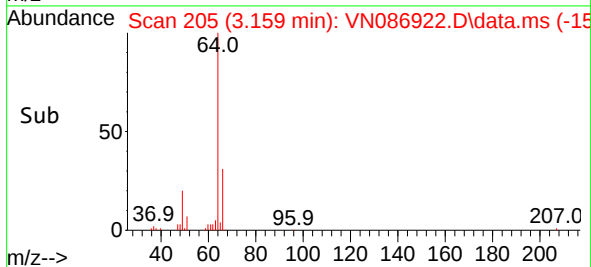
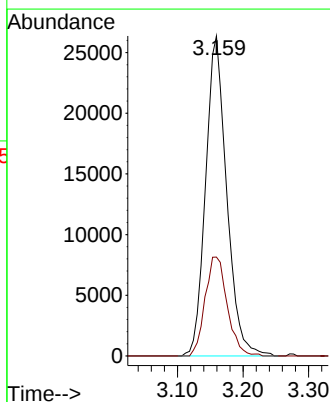
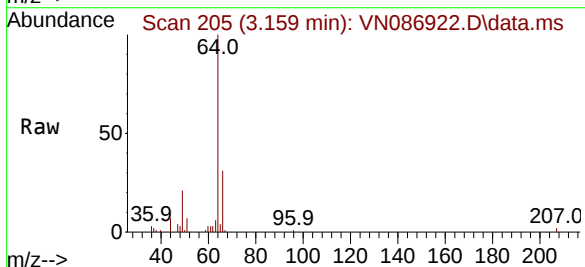
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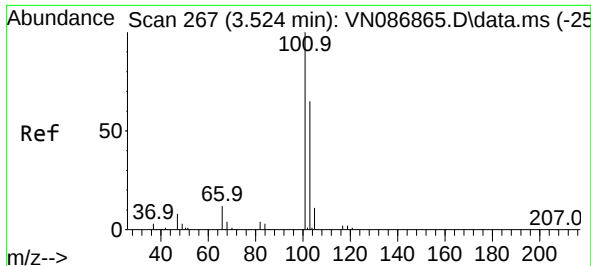
Tgt Ion: 94 Resp: 51812
Ion Ratio Lower Upper
94 100
96 91.1 77.9 116.9



#6
Chloroethane
Concen: 39.351 ug/l
RT: 3.159 min Scan# 205
Delta R.T. 0.006 min
Lab File: VN086922.D
Acq: 10 Jun 2025 12:51

Tgt Ion: 64 Resp: 58869
Ion Ratio Lower Upper
64 100
66 30.9 24.6 36.8

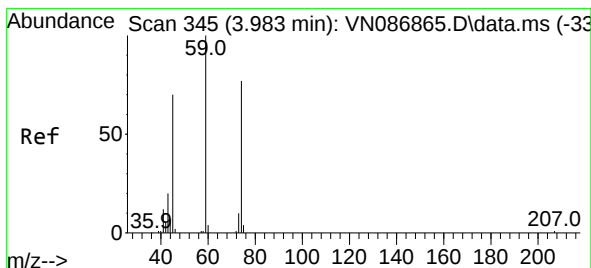
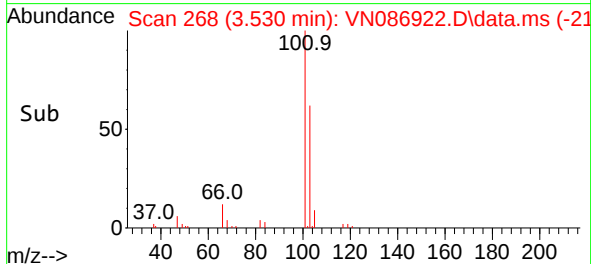
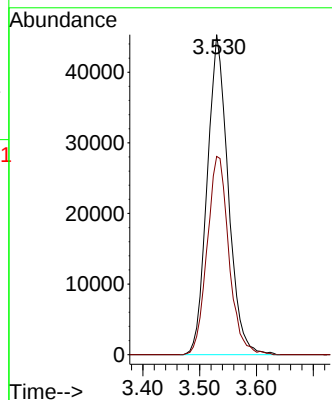
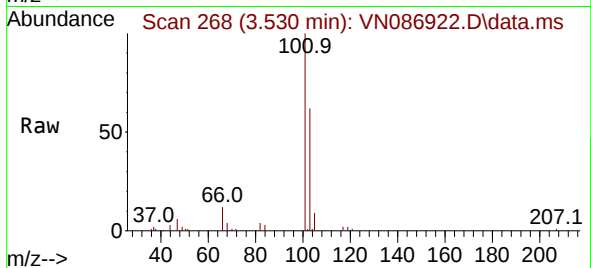




#7
Trichlorofluoromethane
Concen: 38.313 ug/l
RT: 3.530 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN086922.D
Acq: 10 Jun 2025 12:51

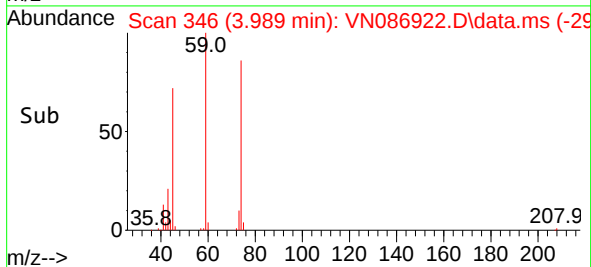
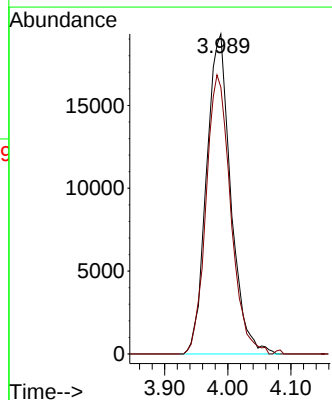
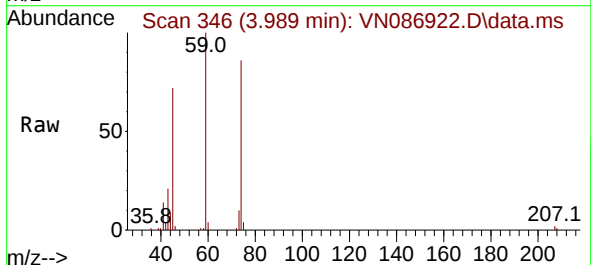
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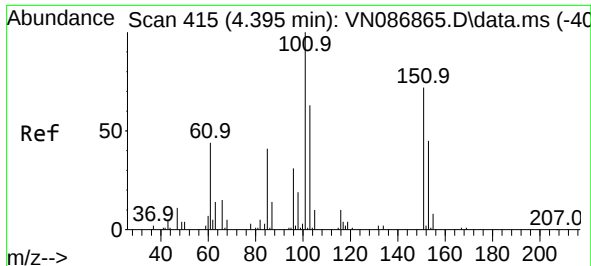
Tgt Ion:101 Resp: 115932
Ion Ratio Lower Upper
101 100
103 61.9 52.2 78.2



#8
Diethyl Ether
Concen: 39.101 ug/l
RT: 3.989 min Scan# 346
Delta R.T. 0.006 min
Lab File: VN086922.D
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Tgt Ion: 74 Resp: 51551
Ion Ratio Lower Upper
74 100
45 88.6 45.5 136.5

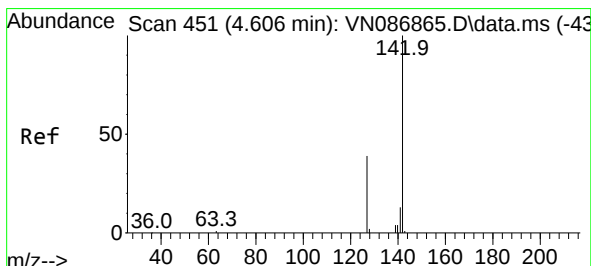
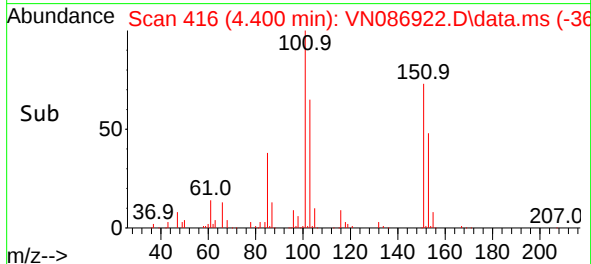
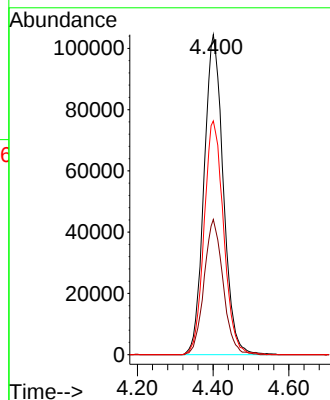
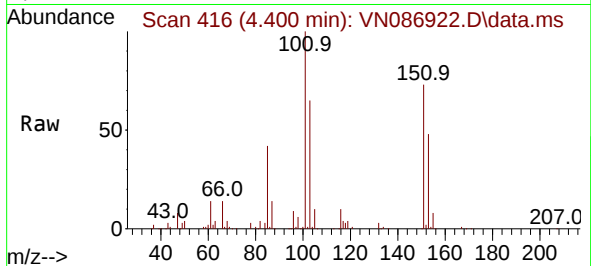




#9
1,1,2-Trichlorotrifluoroethane
Concen: 193.276 ug/l
RT: 4.400 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN086922.D
Acq: 10 Jun 2025 12:51

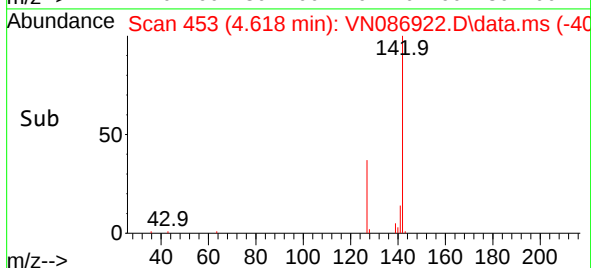
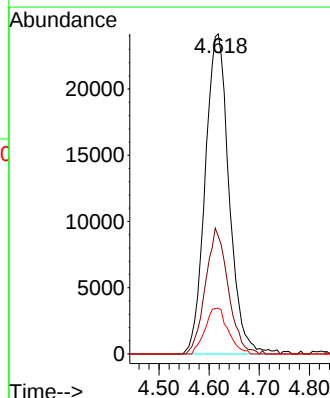
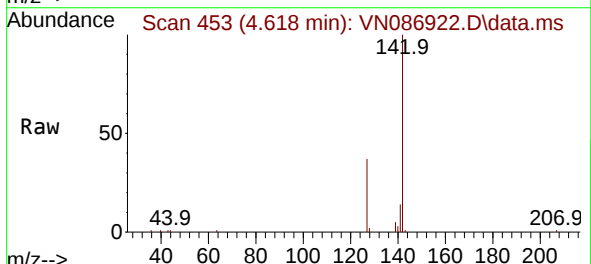
Instrument :
MSVOA_N
ClientSampleId :
MW-11A-13.5-060525MS

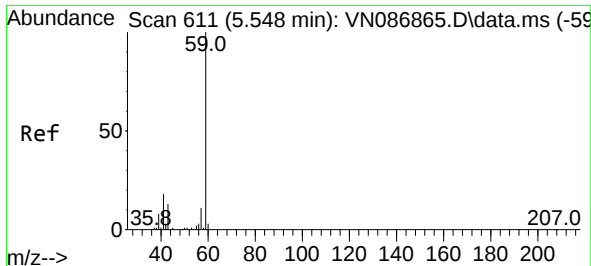
Tgt Ion:101 Resp: 367438
Ion Ratio Lower Upper
101 100
85 41.8 33.8 50.8
151 74.1 58.7 88.1



#10
Methyl Iodide
Concen: 32.430 ug/l
RT: 4.618 min Scan# 453
Delta R.T. 0.012 min
Lab File: VN086922.D
Acq: 10 Jun 2025 12:51

Tgt Ion:142 Resp: 79922
Ion Ratio Lower Upper
142 100
127 36.8 30.9 46.3
141 14.3 10.4 15.6

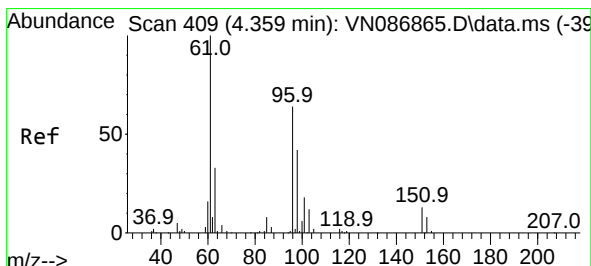
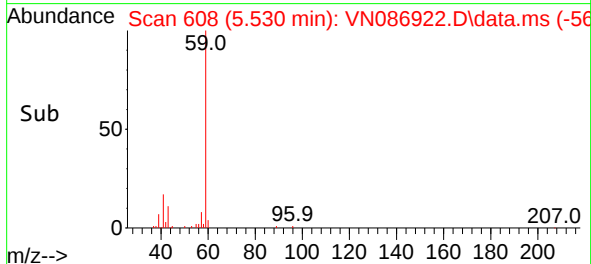
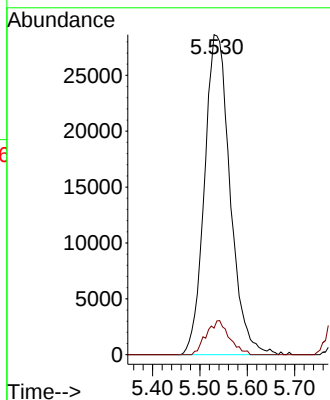
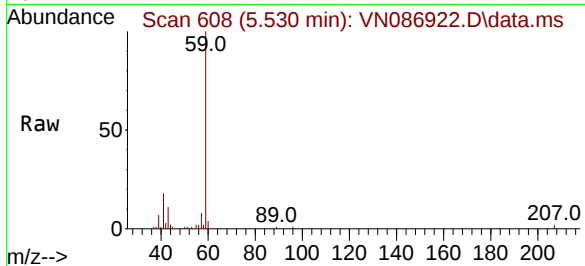




#11
Tert butyl alcohol
Concen: 169.980 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.018 min
Lab File: VN086922.D
Acq: 10 Jun 2025 12:51

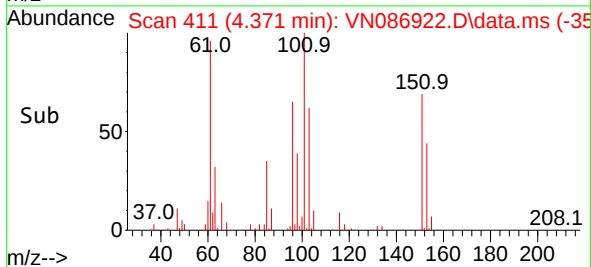
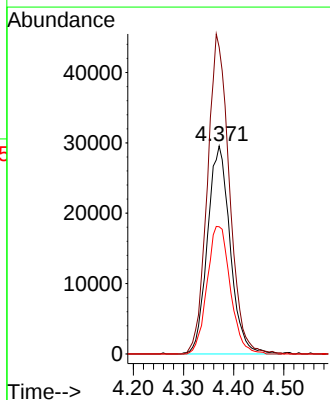
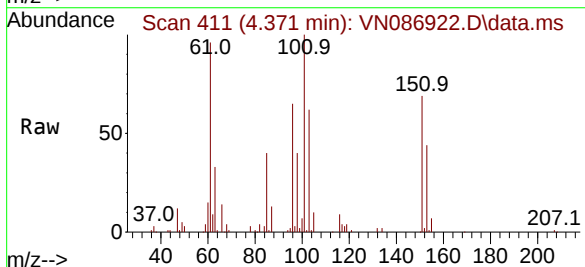
Instrument :
MSVOA_N
ClientSampleId :
MW-11A-13.5-060525MS

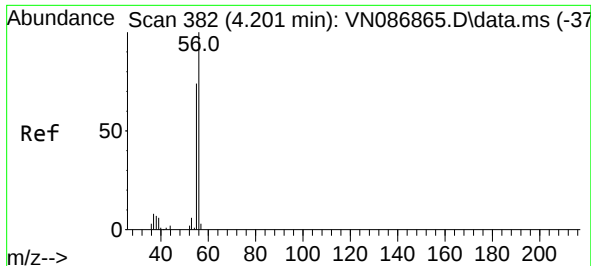
Tgt Ion: 59 Resp: 107683
Ion Ratio Lower Upper
59 100
57 9.5 8.1 12.1



#12
1,1-Dichloroethene
Concen: 47.860 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN086922.D
Acq: 10 Jun 2025 12:51

Tgt Ion: 96 Resp: 92890
Ion Ratio Lower Upper
96 100
61 147.5 125.8 188.6
98 61.2 52.5 78.7





#13

Acrolein

Concen: 168.212 ug/l

RT: 4.200 min Scan# 382

Delta R.T. -0.000 min

Lab File: VN086922.D

Acq: 10 Jun 2025 12:51

Instrument :

MSVOA_N

ClientSampleId :

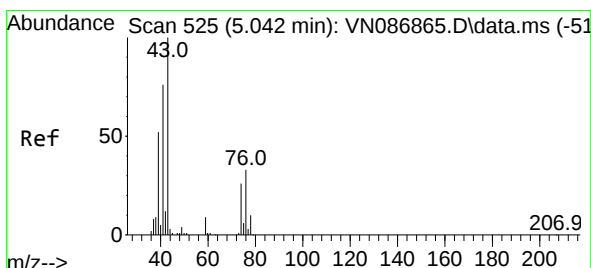
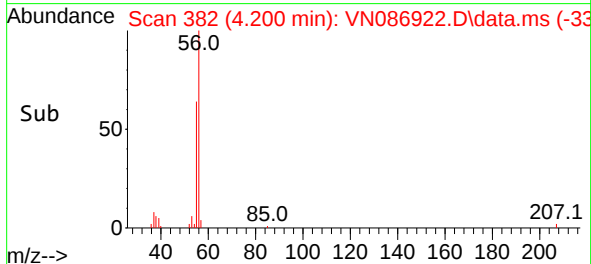
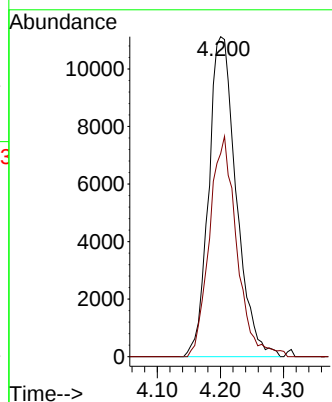
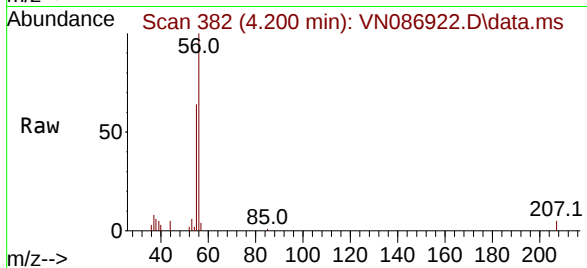
MW-11A-13.5-060525MS

Tgt Ion: 56 Resp: 33731

Ion Ratio Lower Upper

56 100

55 68.1 55.6 83.4



#14

Allyl chloride

Concen: 36.641 ug/l

RT: 5.047 min Scan# 526

Delta R.T. 0.006 min

Lab File: VN086922.D

Acq: 10 Jun 2025 12:51

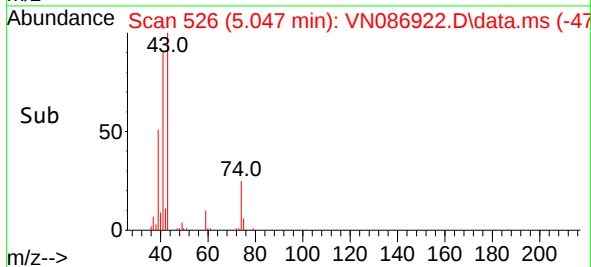
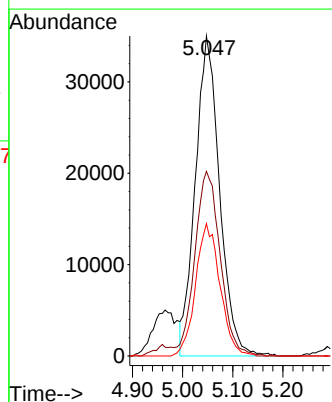
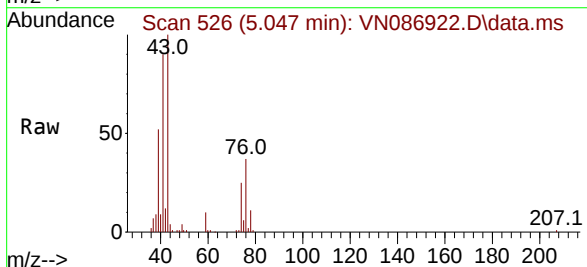
Tgt Ion: 41 Resp: 117940

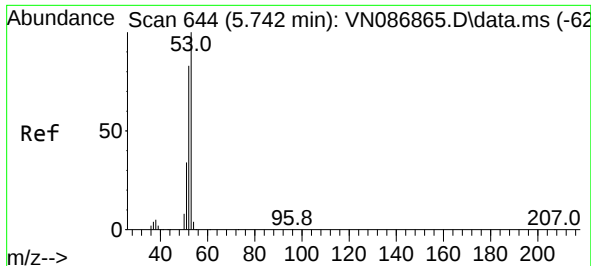
Ion Ratio Lower Upper

41 100

39 60.5 51.3 76.9

76 41.5 31.4 47.0

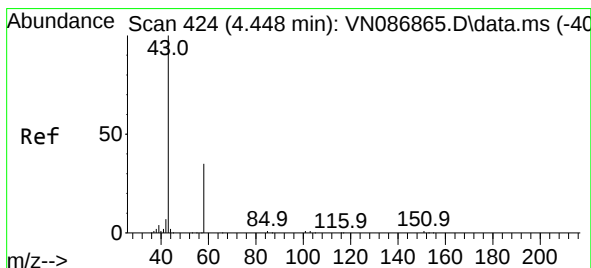
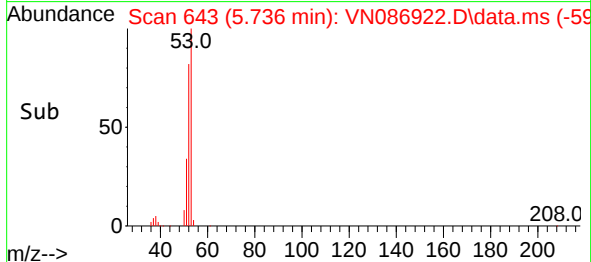
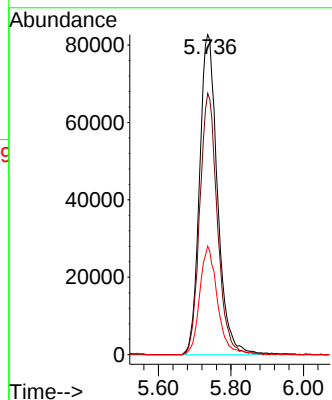
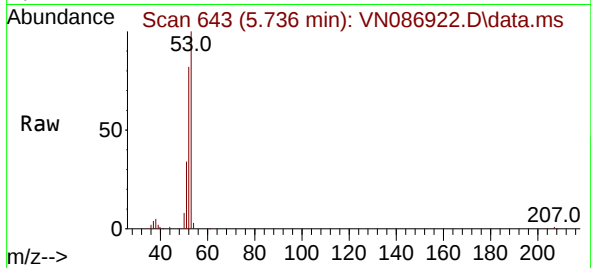




#15
Acrylonitrile
Concen: 192.124 ug/l
RT: 5.736 min Scan# 644
Delta R.T. -0.006 min
Lab File: VN086922.D
Acq: 10 Jun 2025 12:51

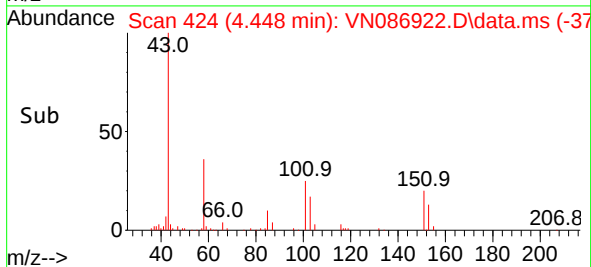
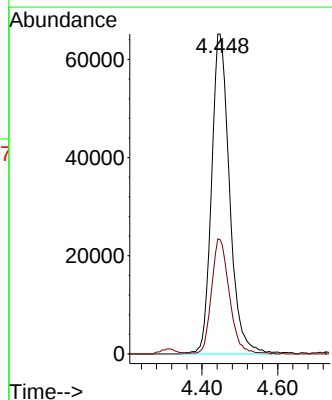
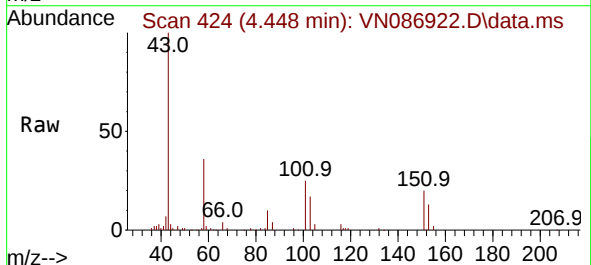
Instrument :
MSVOA_N
ClientSampleId :
MW-11A-13.5-060525MS

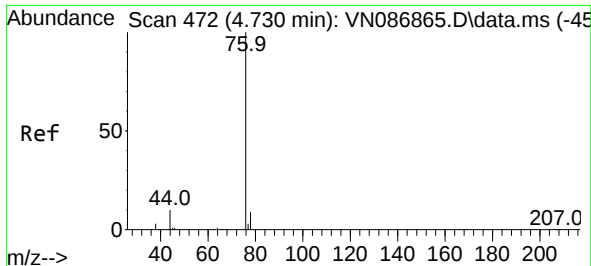
Tgt Ion: 53 Resp: 284483
Ion Ratio Lower Upper
53 100
52 79.6 65.0 97.6
51 33.5 27.2 40.8



#16
Acetone
Concen: 173.656 ug/l
RT: 4.448 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN086922.D
Acq: 10 Jun 2025 12:51

Tgt Ion: 43 Resp: 215008
Ion Ratio Lower Upper
43 100
58 35.8 28.0 42.0

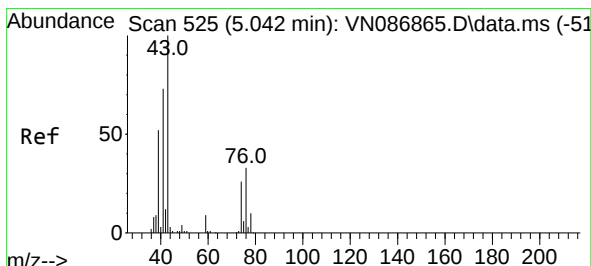
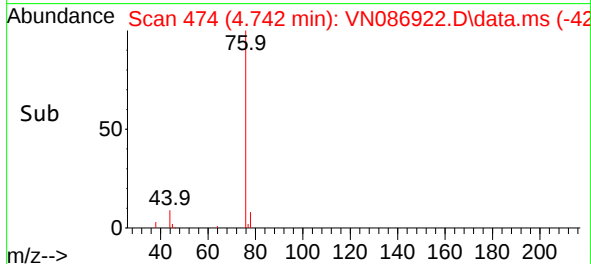
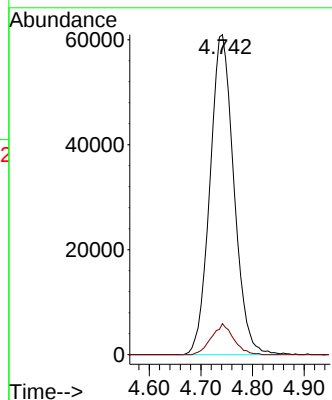
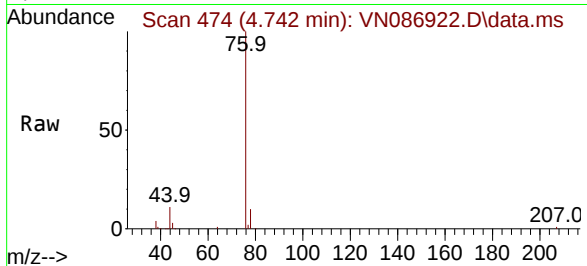




#17
Carbon Disulfide
Concen: 36.571 ug/l
RT: 4.742 min Scan# 473
Delta R.T. 0.012 min
Lab File: VN086922.D
Acq: 10 Jun 2025 12:51

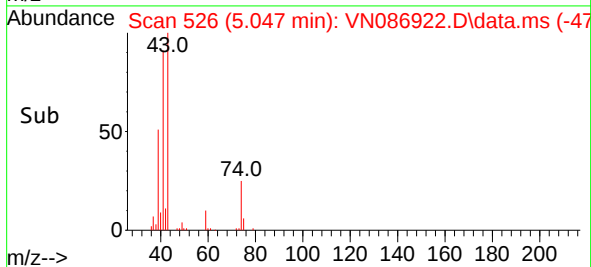
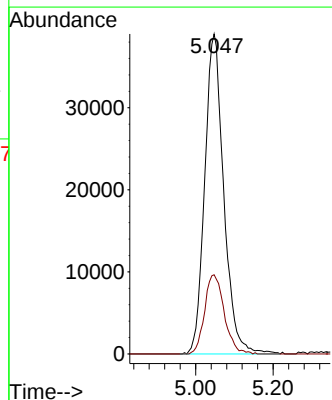
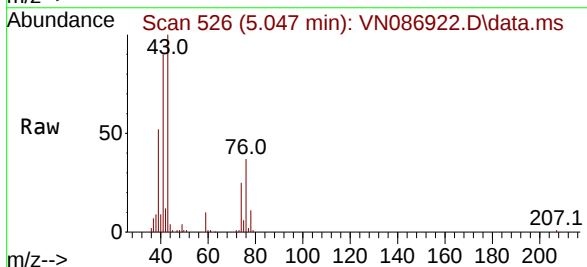
Instrument :
MSVOA_N
ClientSampleId :
MW-11A-13.5-060525MS

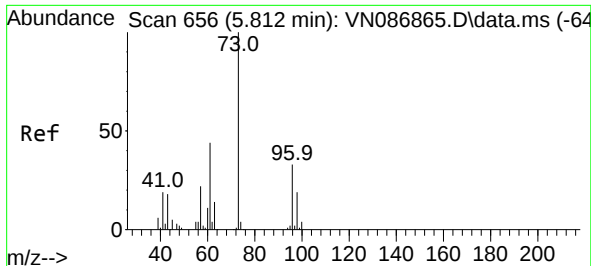
Tgt Ion: 76 Resp: 196337
Ion Ratio Lower Upper
76 100
78 9.7 7.3 10.9



#18
Methyl Acetate
Concen: 36.798 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN086922.D
Acq: 10 Jun 2025 12:51

Tgt Ion: 43 Resp: 132769
Ion Ratio Lower Upper
43 100
74 25.5 20.7 31.1

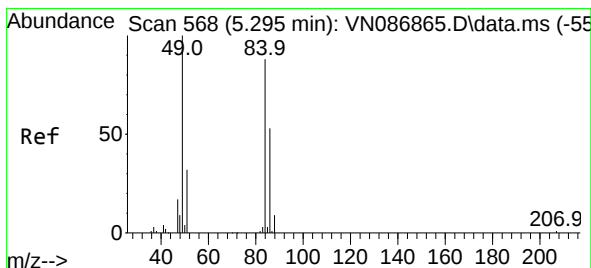
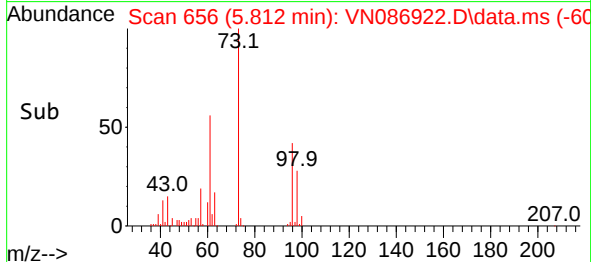
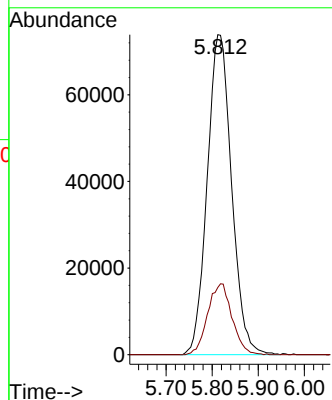
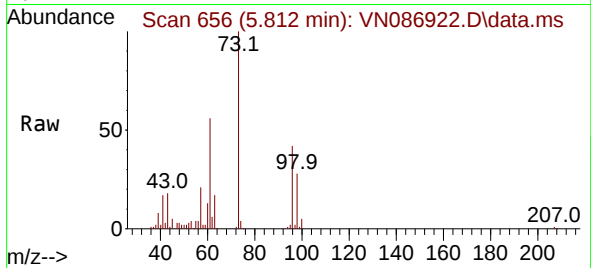




#19
Methyl tert-butyl Ether
Concen: 38.674 ug/l
RT: 5.812 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086922.D
Acq: 10 Jun 2025 12:51

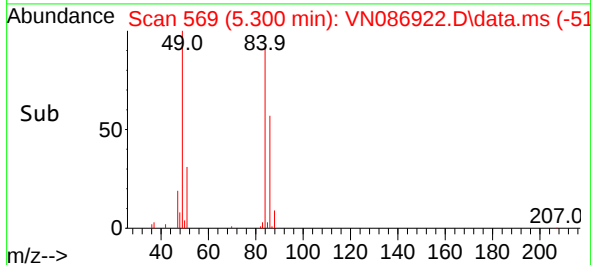
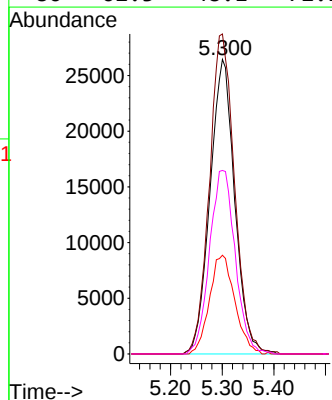
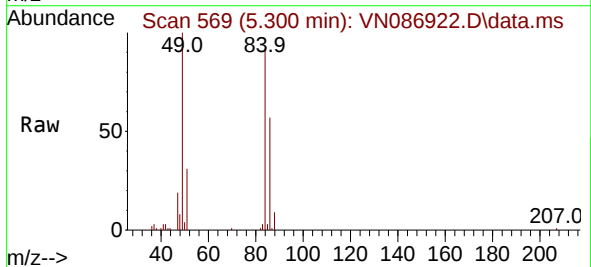
Instrument :
MSVOA_N
ClientSampleId :
MW-11A-13.5-060525MS

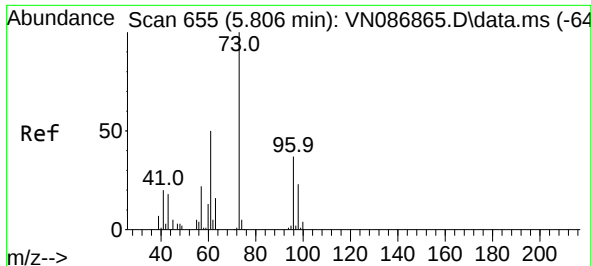
Tgt Ion: 73 Resp: 271783
Ion Ratio Lower Upper
73 100
57 21.0 17.4 26.2



#20
Methylene Chloride
Concen: 37.857 ug/l
RT: 5.300 min Scan# 569
Delta R.T. 0.006 min
Lab File: VN086922.D
Acq: 10 Jun 2025 12:51

Tgt Ion: 84 Resp: 87753
Ion Ratio Lower Upper
84 100
49 108.7 90.5 135.7
51 33.5 28.5 42.7
86 62.3 48.1 72.1

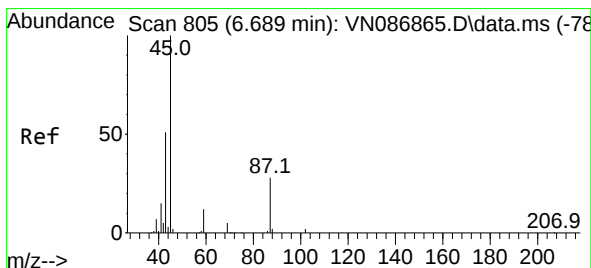
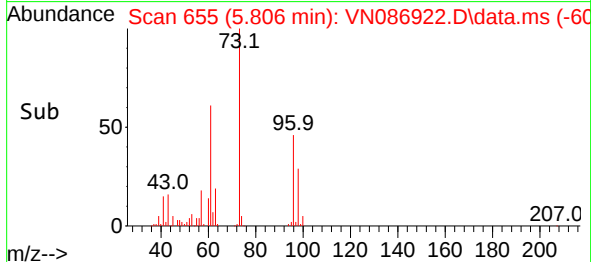
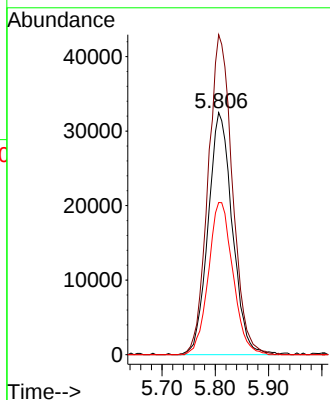
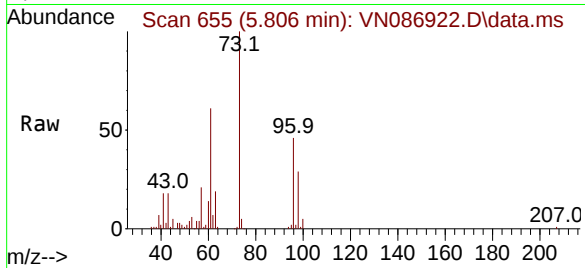




#21
trans-1,2-Dichloroethene
Concen: 47.566 ug/l
RT: 5.806 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN086922.D
Acq: 10 Jun 2025 12:51

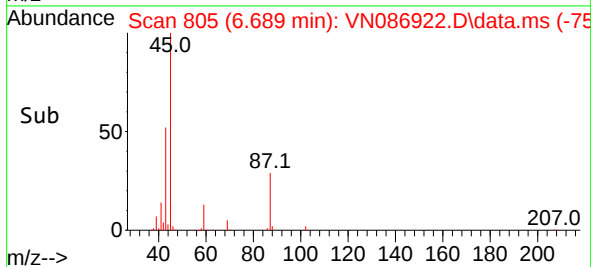
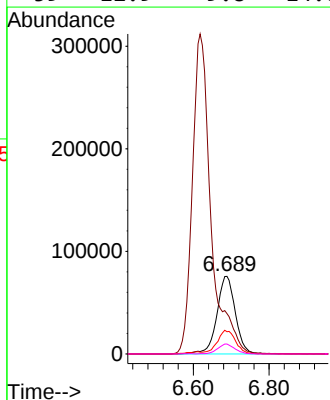
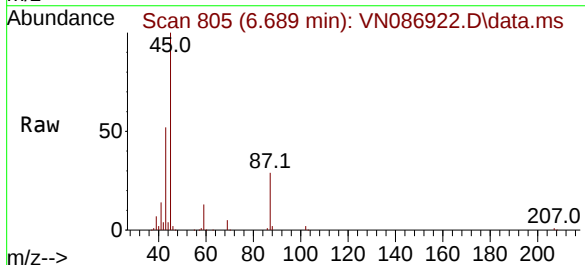
Instrument :
MSVOA_N
ClientSampleId :
MW-11A-13.5-060525MS

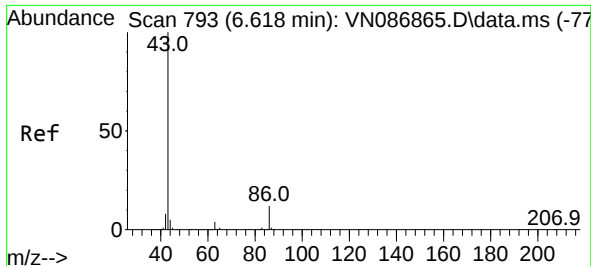
Tgt Ion: 96 Resp: 102714
Ion Ratio Lower Upper
96 100
61 132.2 109.2 163.8
98 62.8 49.8 74.8



#22
Diisopropyl ether
Concen: 37.680 ug/l
RT: 6.689 min Scan# 805
Delta R.T. -0.000 min
Lab File: VN086922.D
Acq: 10 Jun 2025 12:51

Tgt Ion: 45 Resp: 255658
Ion Ratio Lower Upper
45 100
43 51.5 41.9 62.9
87 28.6 22.4 33.6
59 12.9 9.8 14.6

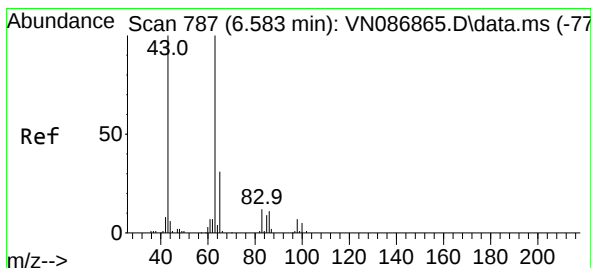
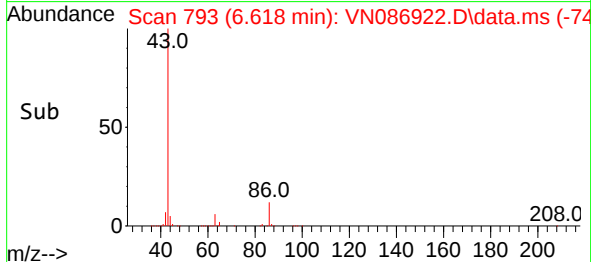
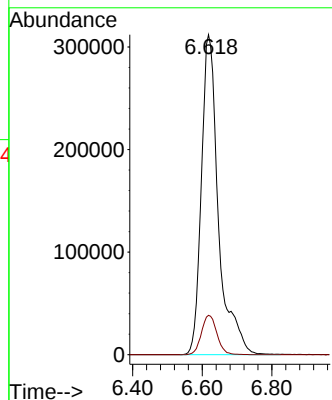
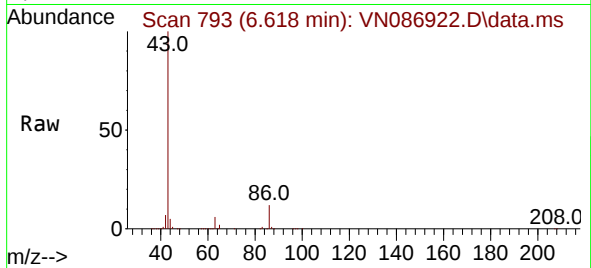




#23
 Vinyl Acetate
 Concen: 185.258 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN086922.D
 Acq: 10 Jun 2025 12:51

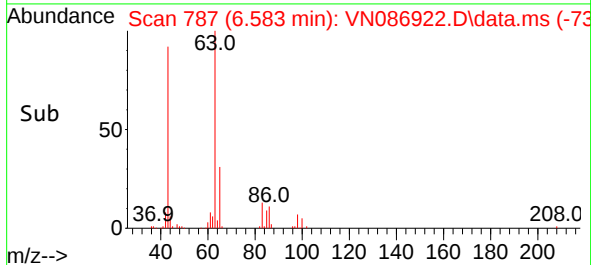
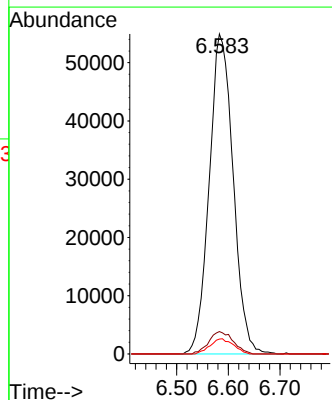
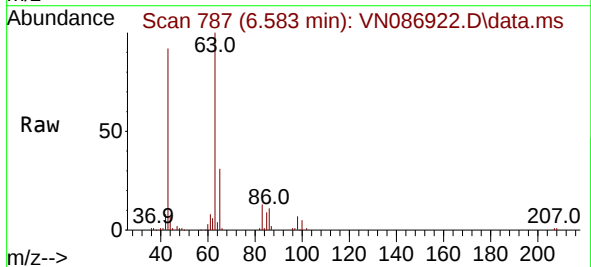
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-11A-13.5-060525MS

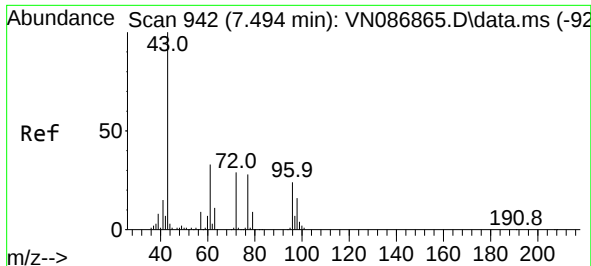
Tgt Ion: 43 Resp: 1062011
 Ion Ratio Lower Upper
 43 100
 86 12.3 9.5 14.3



#24
 1,1-Dichloroethane
 Concen: 45.171 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. -0.000 min
 Lab File: VN086922.D
 Acq: 10 Jun 2025 12:51

Tgt Ion: 63 Resp: 176376
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.6 10.8
 100 4.7 2.6 7.8

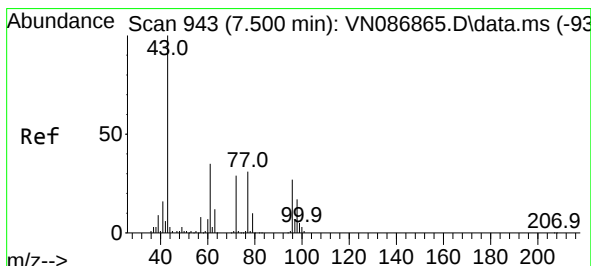
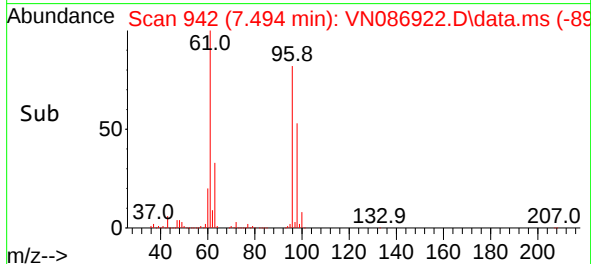
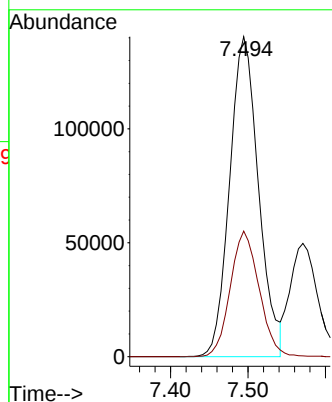
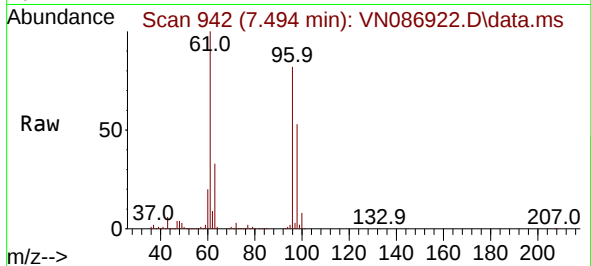




#25
2-Butanone
Concen: 181.265 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN086922.D
Acq: 10 Jun 2025 12:51

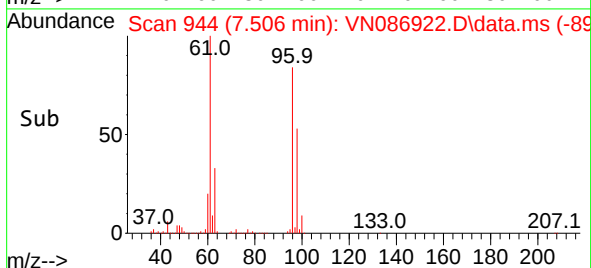
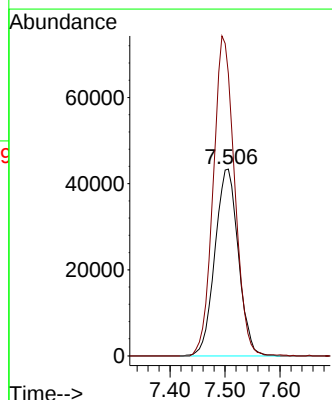
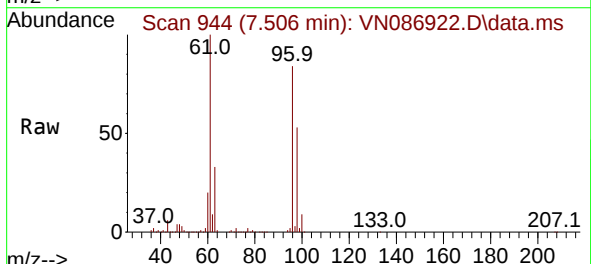
Instrument :
MSVOA_N
ClientSampleId :
MW-11A-13.5-060525MS

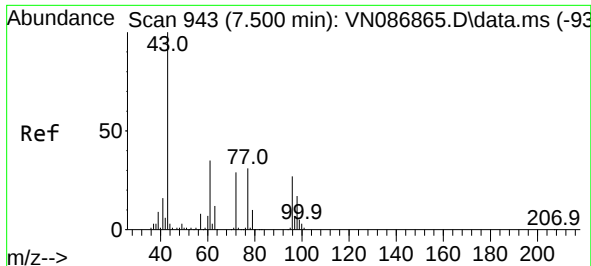
Tgt Ion: 43 Resp: 364801
Ion Ratio Lower Upper
43 100
72 39.2 23.0 34.6#



#26
2,2-Dichloropropane
Concen: 42.301 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.006 min
Lab File: VN086922.D
Acq: 10 Jun 2025 12:51

Tgt Ion: 77 Resp: 128482
Ion Ratio Lower Upper
77 100
97 156.1 11.6 34.7#



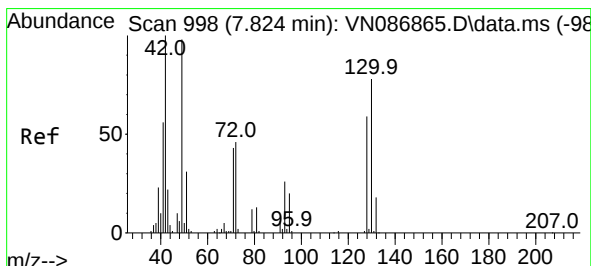
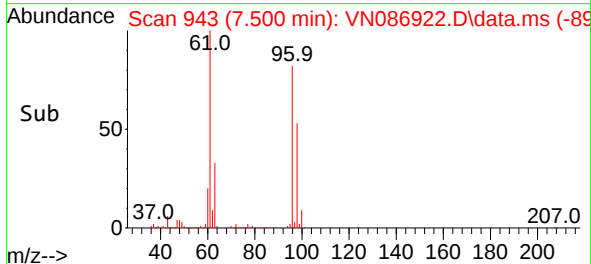
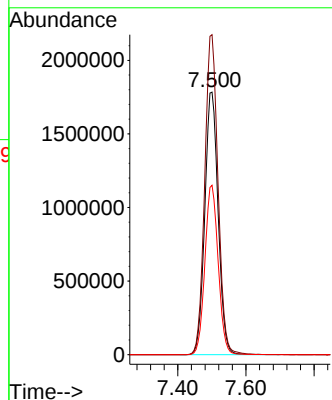
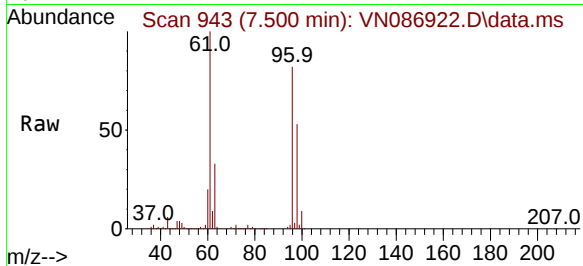


#27
 cis-1,2-Dichloroethene
 Concen: 1879.430 ug/l
 RT: 7.500 min Scan# 943
 Delta R.T. -0.000 min
 Lab File: VN086922.D
 Acq: 10 Jun 2025 12:51

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-11A-13.5-060525MS

Tgt Ion: 96 Resp: 4853647

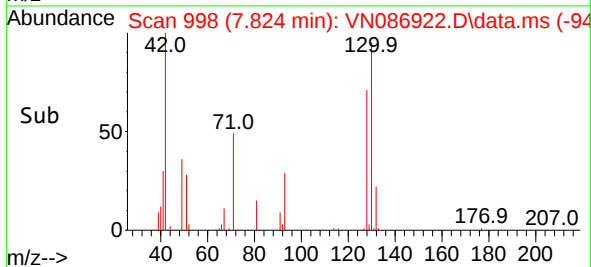
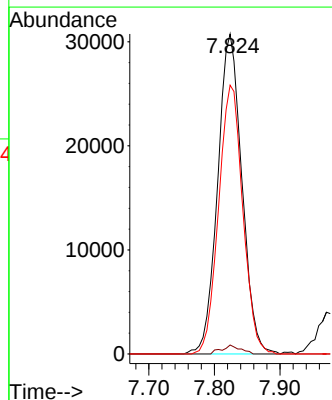
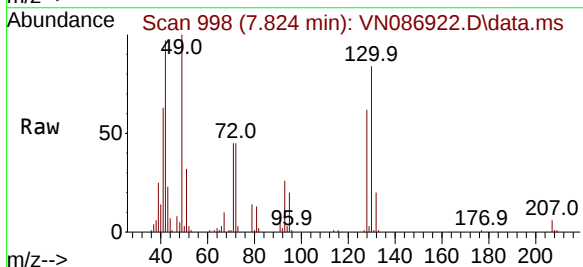
Ion	Ratio	Lower	Upper
96	100		
61	121.8	0.0	278.0
98	64.3	0.0	128.2

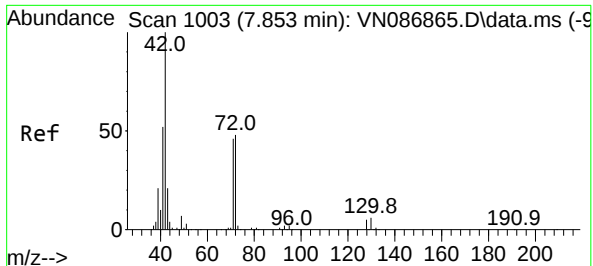


#28
 Bromochloromethane
 Concen: 41.044 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. -0.000 min
 Lab File: VN086922.D
 Acq: 10 Jun 2025 12:51

Tgt Ion: 49 Resp: 78797

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.8
130	83.7	62.2	93.2





#29

Tetrahydrofuran

Concen: 182.609 ug/l

RT: 7.847 min Scan# 1003

Delta R.T. -0.006 min

Lab File: VN086922.D

Acq: 10 Jun 2025 12:51

Instrument :

MSVOA_N

ClientSampleId :

MW-11A-13.5-060525MS

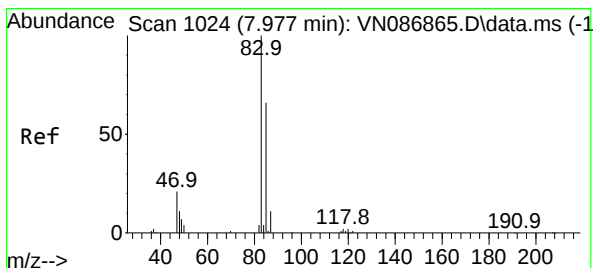
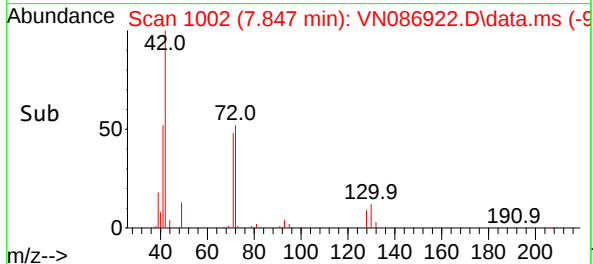
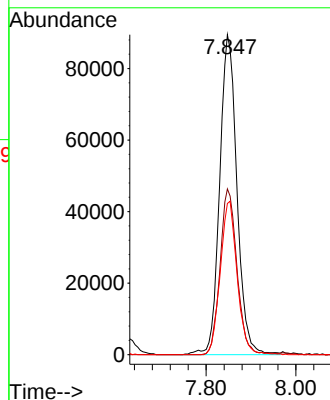
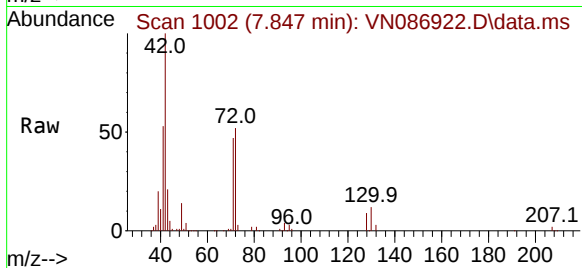
Tgt Ion: 42 Resp: 239404

Ion Ratio Lower Upper

42 100

72 50.5 37.8 56.6

71 46.9 35.6 53.4



#30

Chloroform

Concen: 38.741 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. -0.000 min

Lab File: VN086922.D

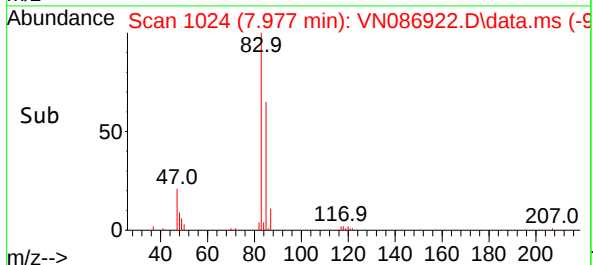
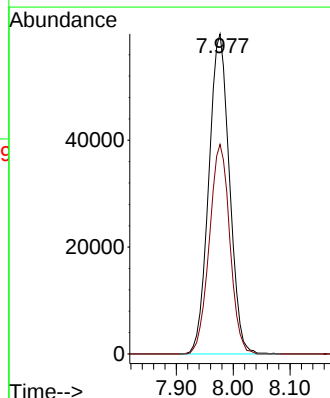
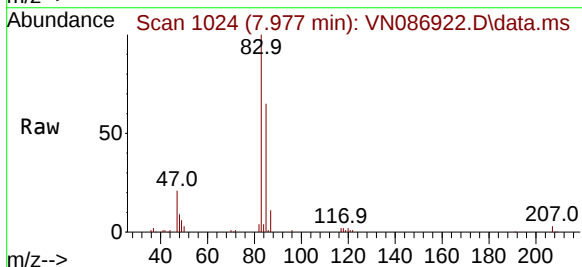
Acq: 10 Jun 2025 12:51

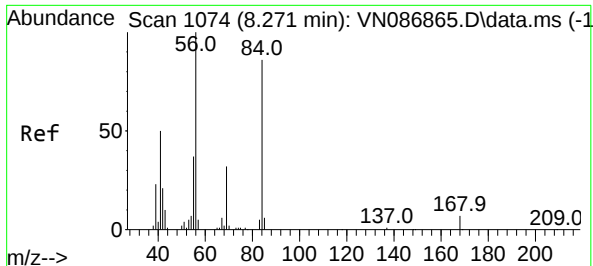
Tgt Ion: 83 Resp: 151067

Ion Ratio Lower Upper

83 100

85 65.5 52.9 79.3

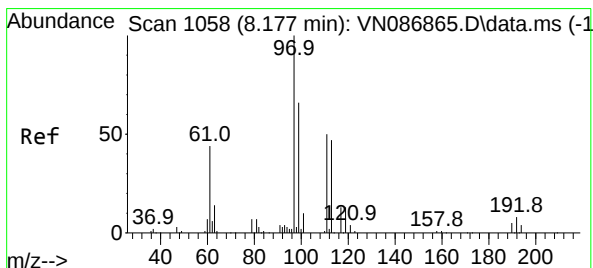
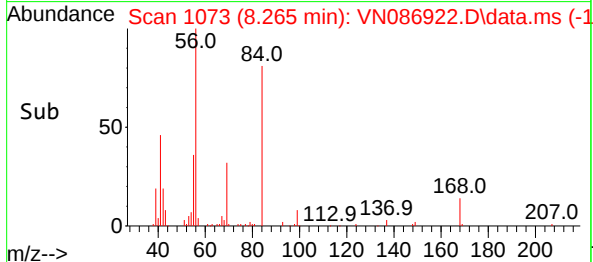
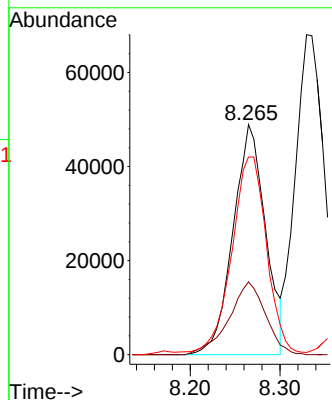
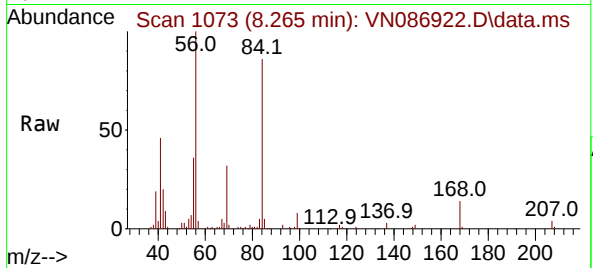




#31
Cyclohexane
Concen: 32.495 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN086922.D
Acq: 10 Jun 2025 12:51

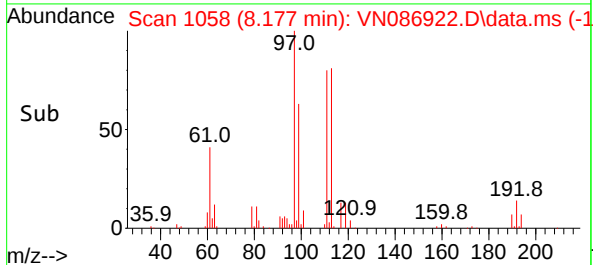
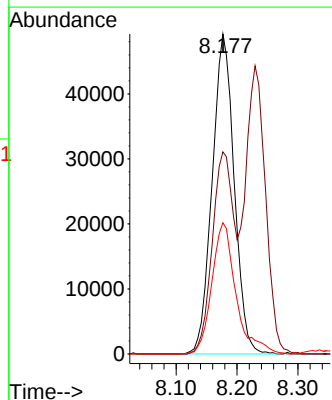
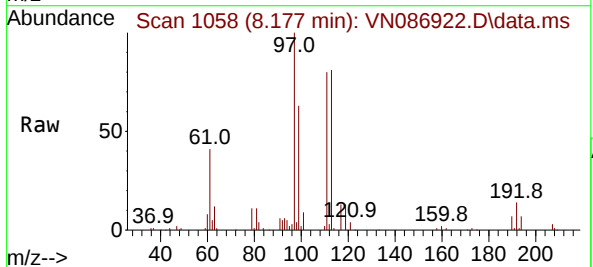
Instrument :
MSVOA_N
ClientSampleId :
MW-11A-13.5-060525MS

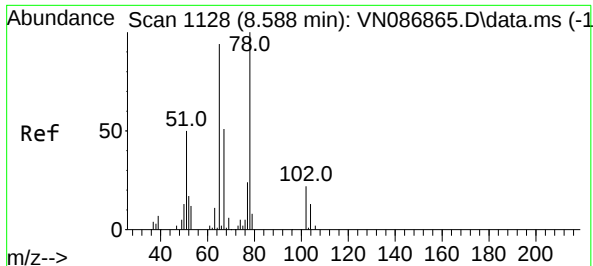
Tgt Ion: 56 Resp: 123047
Ion Ratio Lower Upper
56 100
69 31.6 25.4 38.0
84 84.7 68.8 103.2



#32
1,1,1-Trichloroethane
Concen: 37.219 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN086922.D
Acq: 10 Jun 2025 12:51

Tgt Ion: 97 Resp: 123440
Ion Ratio Lower Upper
97 100
99 62.0 52.0 78.0
61 44.9 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 49.874 ug/l

RT: 8.583 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN086922.D

Acq: 10 Jun 2025 12:51

Instrument :

MSVOA_N

ClientSampleId :

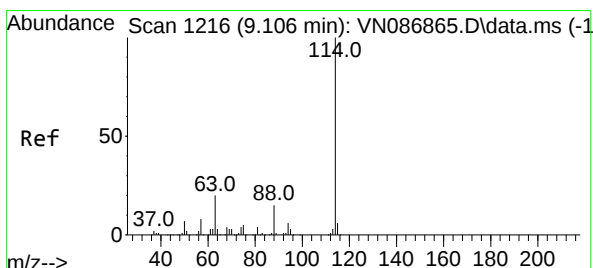
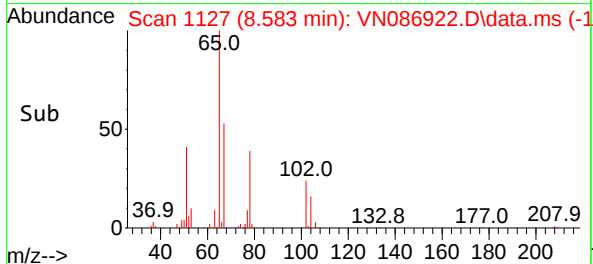
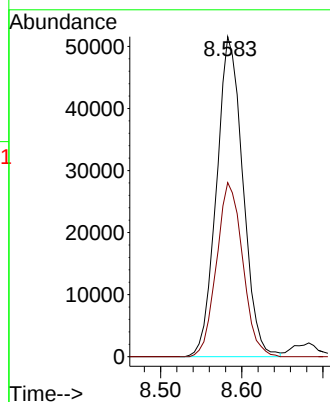
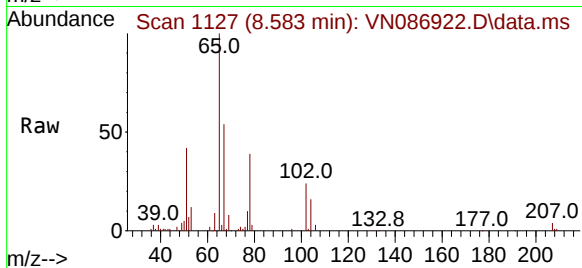
MW-11A-13.5-060525MS

Tgt Ion: 65 Resp: 116443

Ion Ratio Lower Upper

65 100

67 54.0 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: VN086922.D

Acq: 10 Jun 2025 12:51

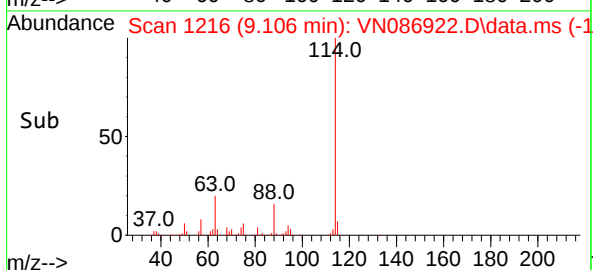
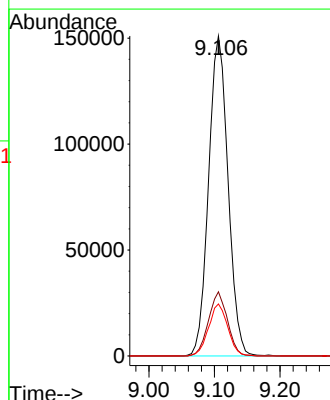
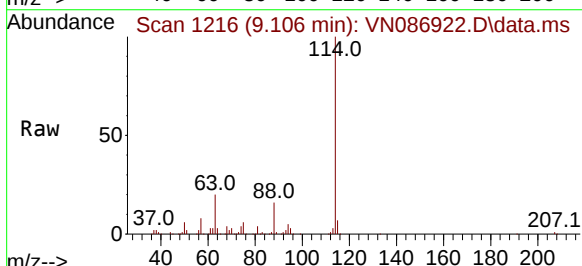
Tgt Ion: 114 Resp: 310932

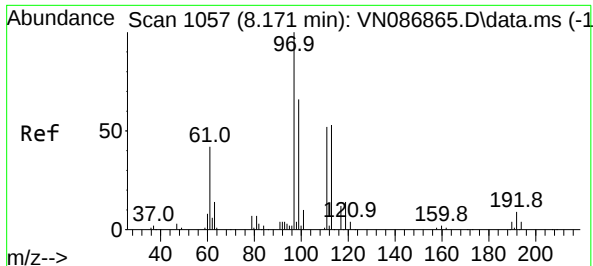
Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.6

88 16.3 0.0 30.2

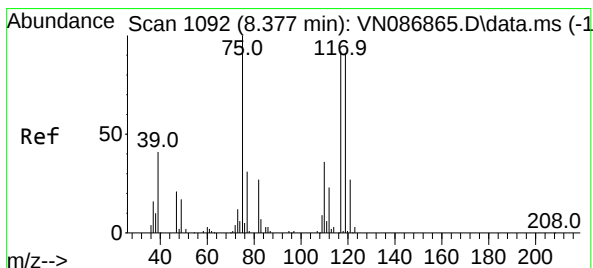
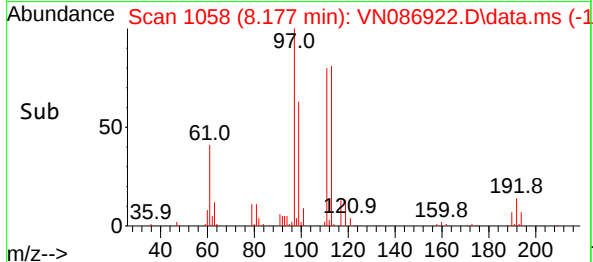
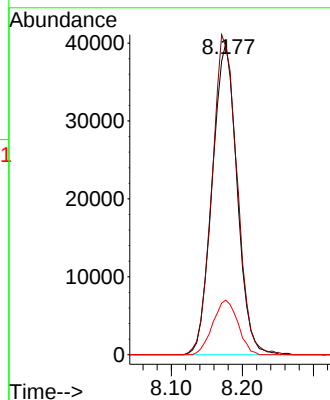
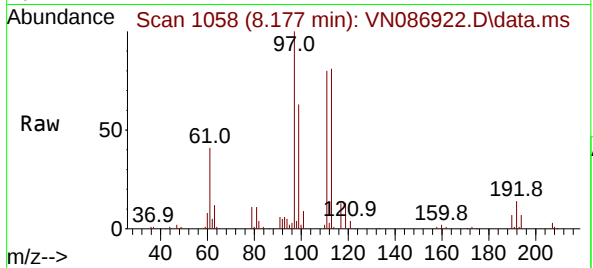




#35
Dibromofluoromethane
Concen: 52.373 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN086922.D
Acq: 10 Jun 2025 12:51

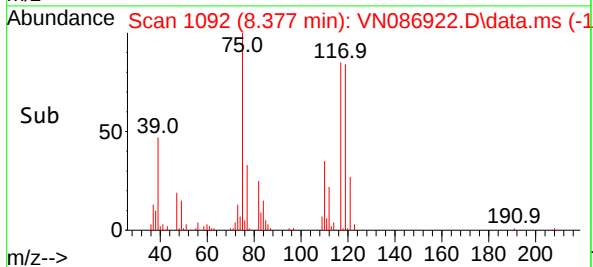
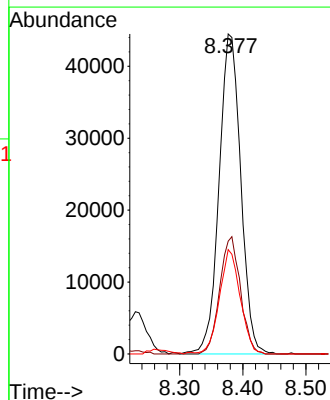
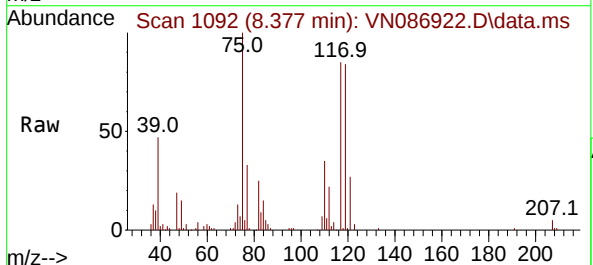
Instrument :
MSVOA_N
ClientSampleId :
MW-11A-13.5-060525MS

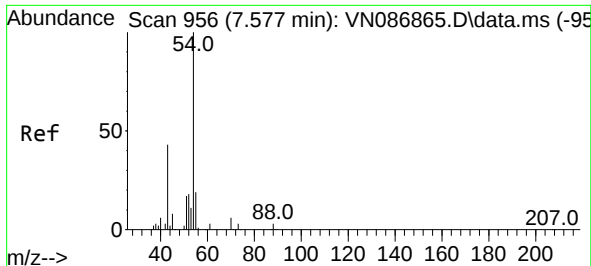
Tgt Ion:113 Resp: 96506
Ion Ratio Lower Upper
113 100
111 103.7 84.2 126.2
192 17.8 14.2 21.4



#36
1,1-Dichloropropene
Concen: 38.635 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN086922.D
Acq: 10 Jun 2025 12:51

Tgt Ion: 75 Resp: 106081
Ion Ratio Lower Upper
75 100
110 35.0 17.6 52.9
77 31.4 25.3 37.9

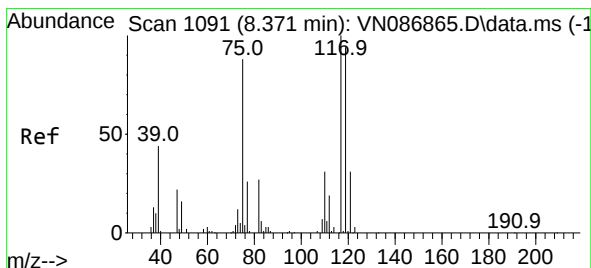
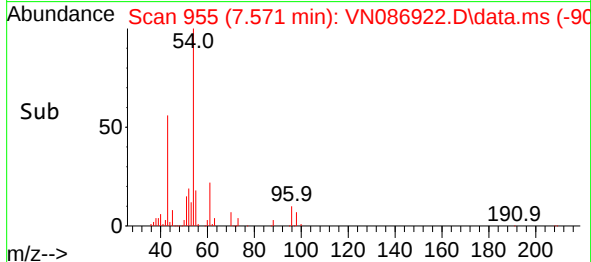
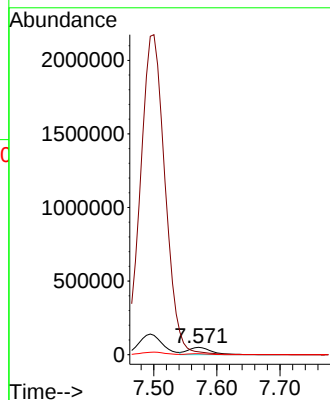
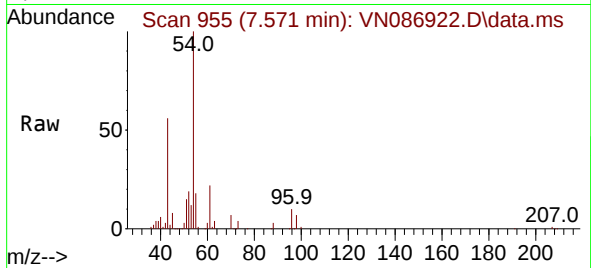




#37
Ethyl Acetate
Concen: 36.242 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086922.D
Acq: 10 Jun 2025 12:51

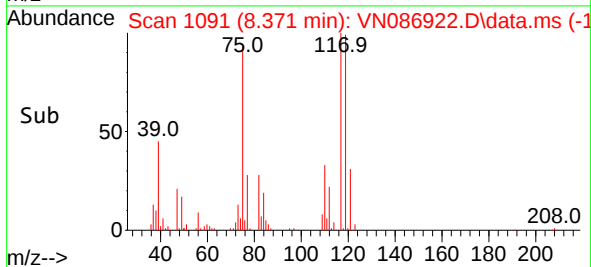
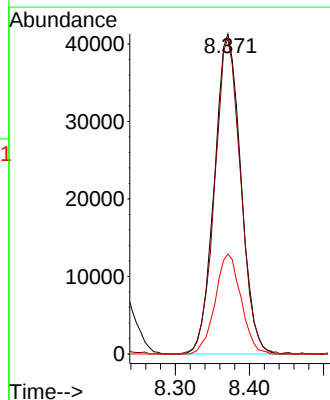
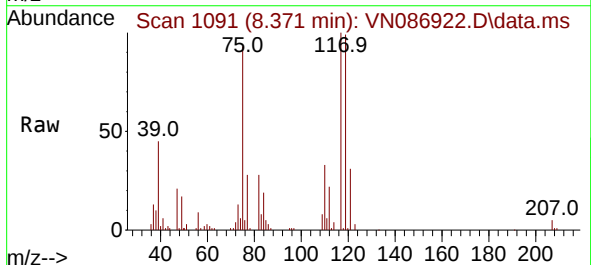
Instrument :
MSVOA_N
ClientSampleId :
MW-11A-13.5-060525MS

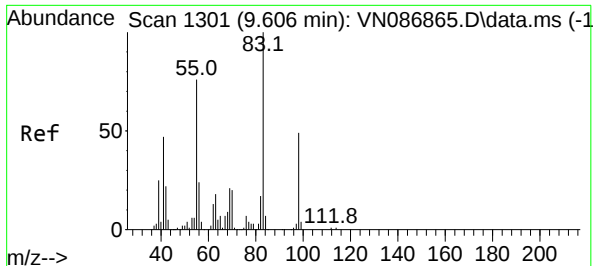
Tgt Ion: 43 Resp: 126676
Ion Ratio Lower Upper
43 100
61 0.0 12.1 18.1#
70 12.7 9.8 14.6



#38
Carbon Tetrachloride
Concen: 37.897 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN086922.D
Acq: 10 Jun 2025 12:51

Tgt Ion: 117 Resp: 102158
Ion Ratio Lower Upper
117 100
119 98.8 75.0 112.6
121 31.2 24.9 37.3





#39

Methylcyclohexane

Concen: 31.630 ug/l

RT: 9.606 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086922.D

Acq: 10 Jun 2025 12:51

Instrument :

MSVOA_N

ClientSampleId :

MW-11A-13.5-060525MS

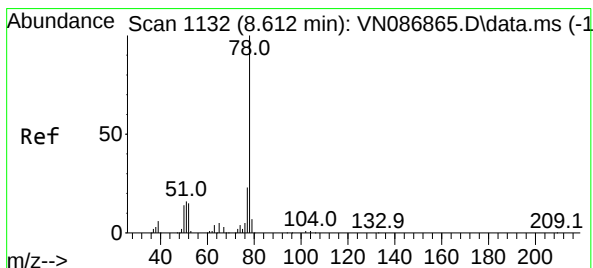
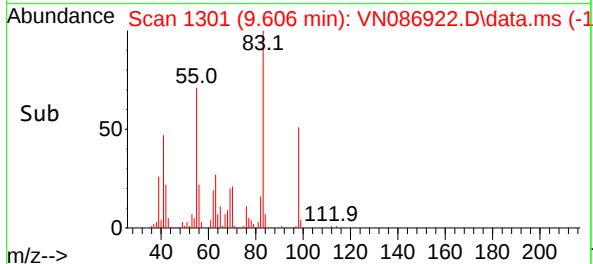
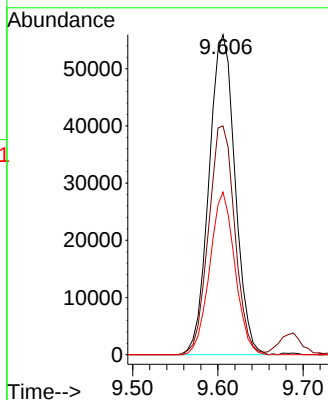
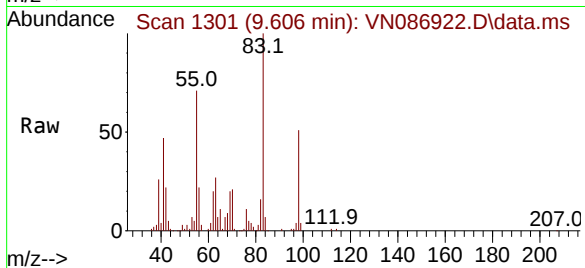
Tgt Ion: 83 Resp: 118983

Ion Ratio Lower Upper

83 100

55 71.5 61.0 91.6

98 50.8 38.9 58.3



#40

Benzene

Concen: 39.099 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN086922.D

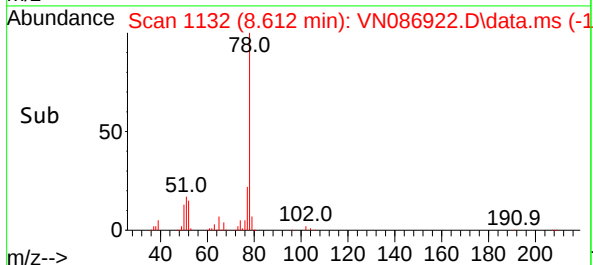
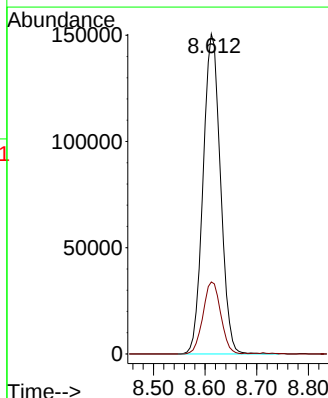
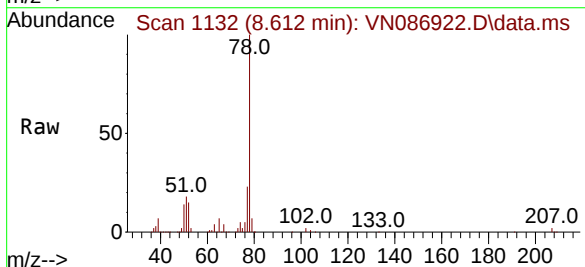
Acq: 10 Jun 2025 12:51

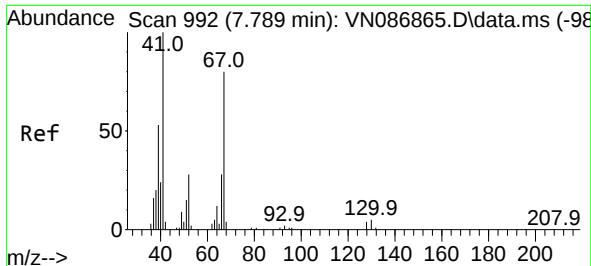
Tgt Ion: 78 Resp: 351060

Ion Ratio Lower Upper

78 100

77 22.5 18.7 28.1

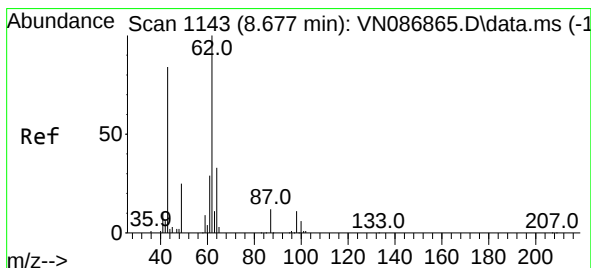
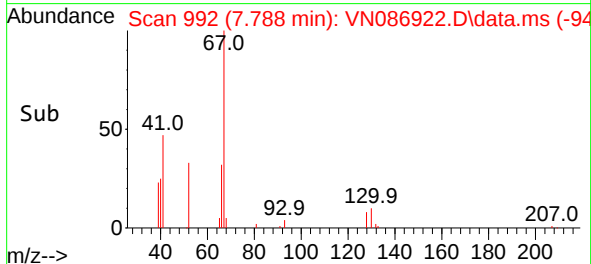
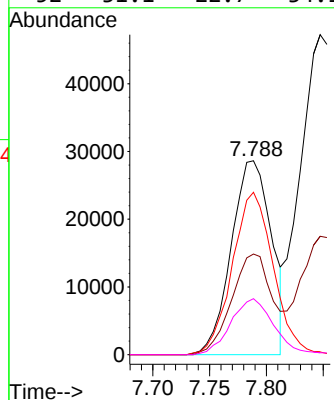
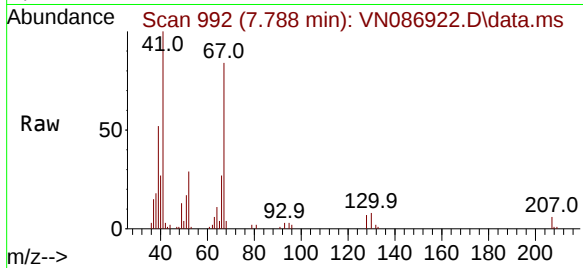




#41
Methacrylonitrile
Concen: 35.893 ug/l
RT: 7.788 min Scan# 992
Delta R.T. -0.000 min
Lab File: VN086922.D
Acq: 10 Jun 2025 12:51

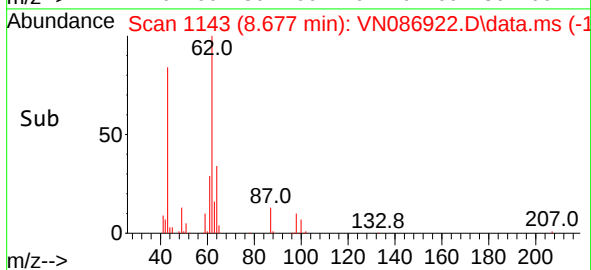
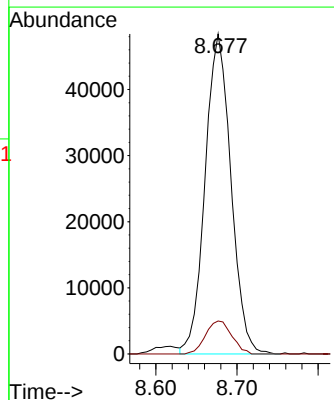
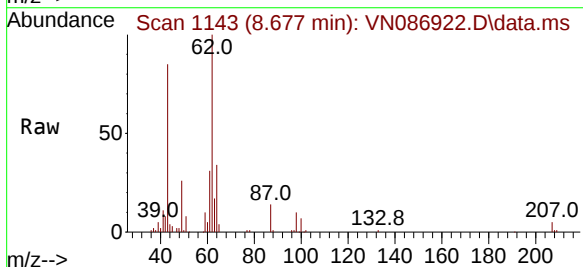
Instrument :
MSVOA_N
ClientSampleId :
MW-11A-13.5-060525MS

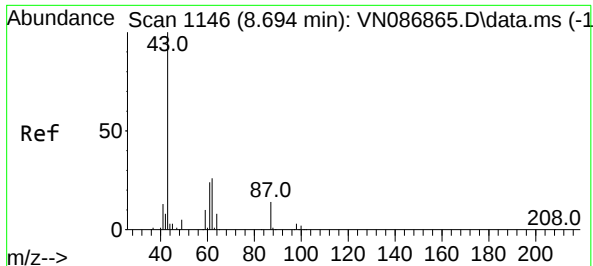
Tgt Ion:	41	Resp:	70459
Ion	Ratio	Lower	Upper
41	100		
39	51.2	41.2	61.8
67	85.6	61.4	92.2
52	31.1	22.7	34.1



#42
1,2-Dichloroethane
Concen: 39.279 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN086922.D
Acq: 10 Jun 2025 12:51

Tgt Ion:	62	Resp:	106970
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	21.2

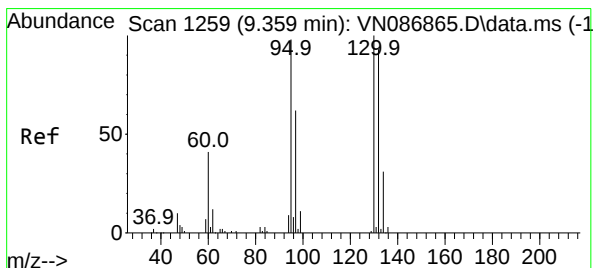
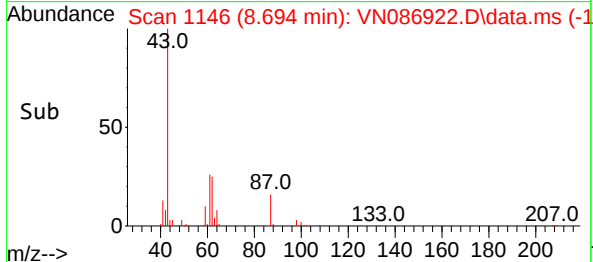
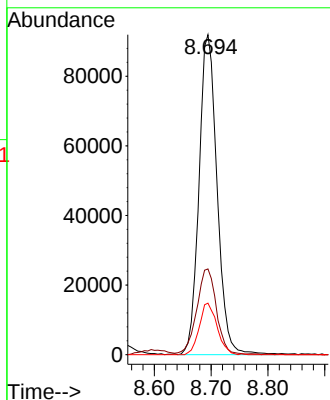
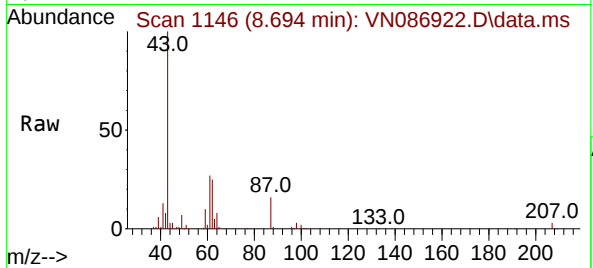




#43
Isopropyl Acetate
Concen: 36.190 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN086922.D
Acq: 10 Jun 2025 12:51

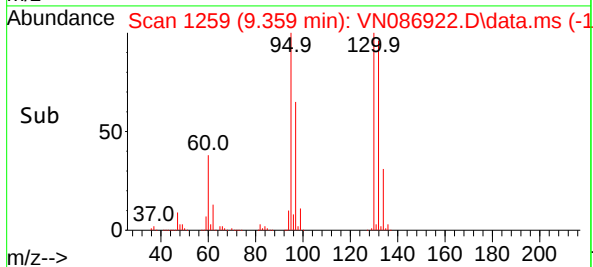
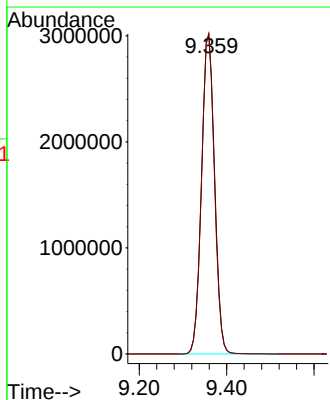
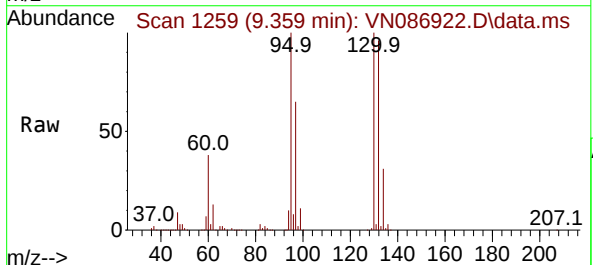
Instrument :
MSVOA_N
ClientSampleId :
MW-11A-13.5-060525MS

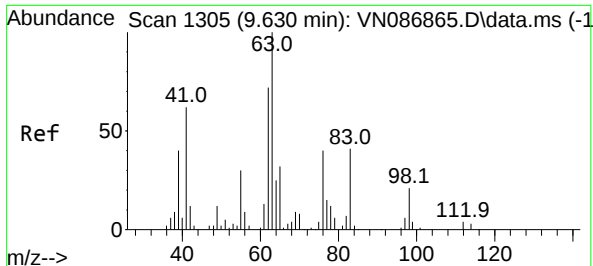
Tgt Ion: 43 Resp: 203030
Ion Ratio Lower Upper
43 100
61 28.8 22.1 33.1
87 15.8 11.8 17.6



#44
Trichloroethene
Concen: 2942.351 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN086922.D
Acq: 10 Jun 2025 12:51

Tgt Ion:130 Resp: 6264273
Ion Ratio Lower Upper
130 100
95 99.9 0.0 196.2





#45

1,2-Dichloropropane

Concen: 38.556 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.006 min

Lab File: VN086922.D

Acq: 10 Jun 2025 12:51

Instrument :

MSVOA_N

ClientSampleId :

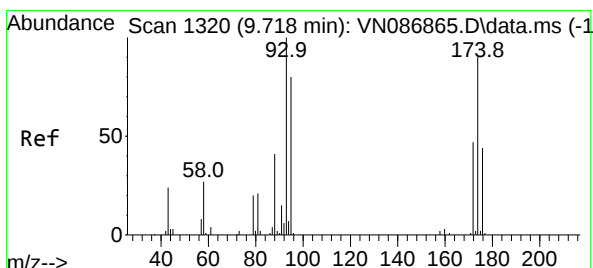
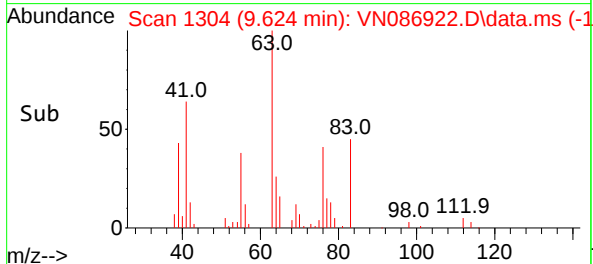
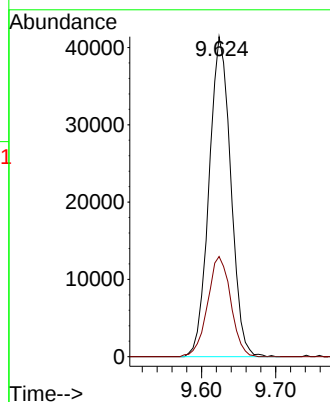
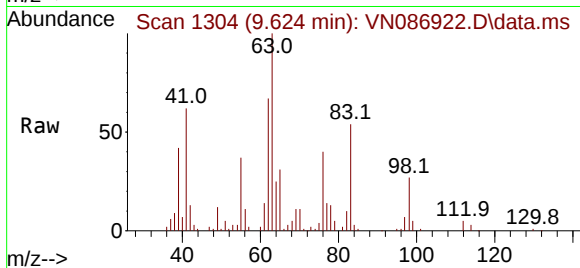
MW-11A-13.5-060525MS

Tgt Ion: 63 Resp: 84220

Ion Ratio Lower Upper

63 100

65 31.3 25.5 38.3



#46

Dibromomethane

Concen: 40.176 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN086922.D

Acq: 10 Jun 2025 12:51

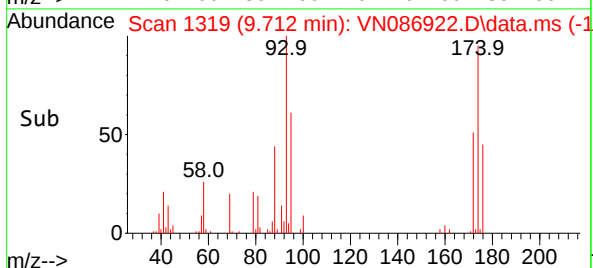
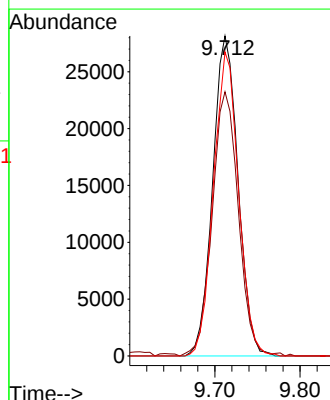
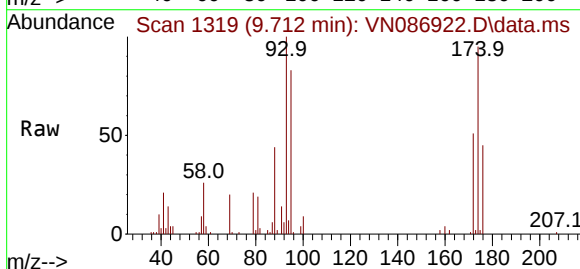
Tgt Ion: 93 Resp: 58291

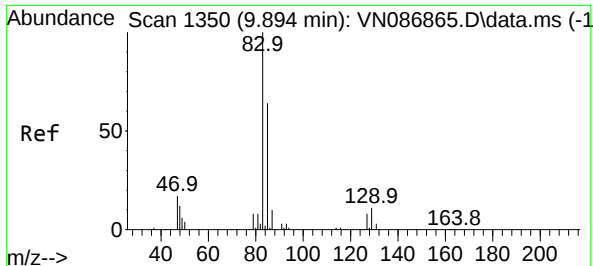
Ion Ratio Lower Upper

93 100

95 85.4 67.1 100.7

174 94.1 74.2 111.4





#47

Bromodichloromethane

Concen: 38.688 ug/l

RT: 9.888 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN086922.D

Acq: 10 Jun 2025 12:51

Instrument :

MSVOA_N

ClientSampleId :

MW-11A-13.5-060525MS

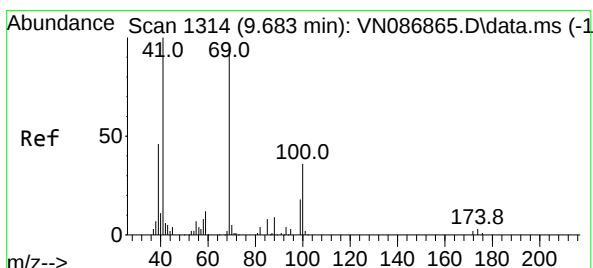
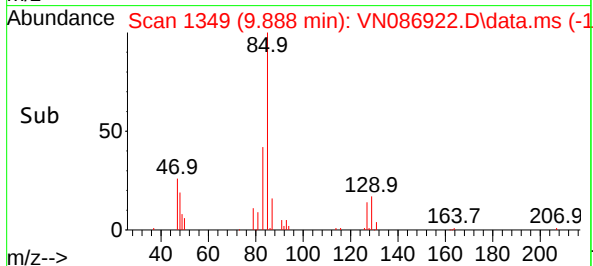
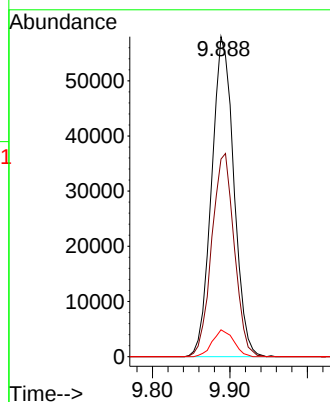
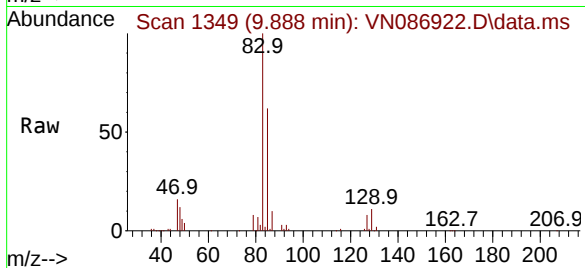
Tgt Ion: 83 Resp: 115490

Ion Ratio Lower Upper

83 100

85 61.7 50.9 76.3

127 8.4 6.6 10.0



#48

Methyl methacrylate

Concen: 36.807 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. -0.000 min

Lab File: VN086922.D

Acq: 10 Jun 2025 12:51

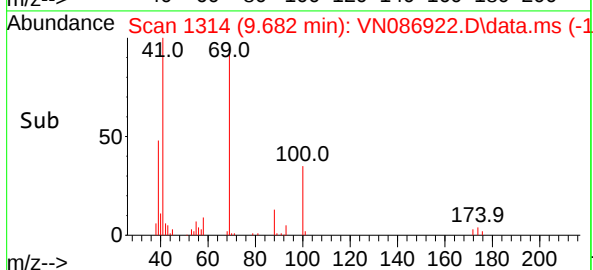
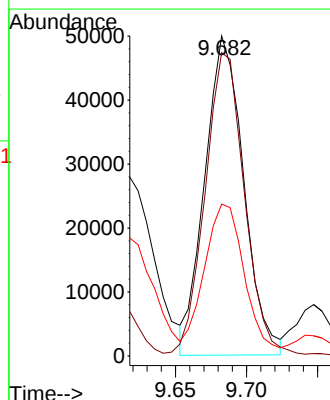
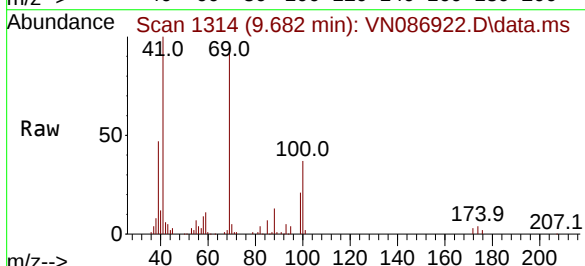
Tgt Ion: 41 Resp: 95039

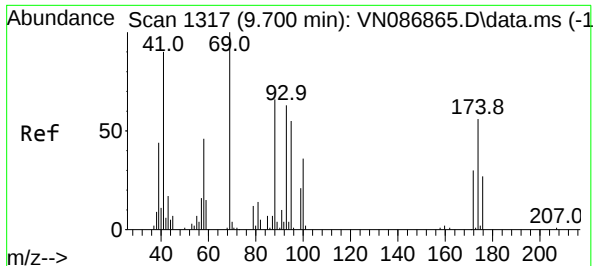
Ion Ratio Lower Upper

41 100

69 96.9 74.6 112.0

39 49.8 40.2 60.4





#49

1,4-Dioxane

Concen: 793.544 ug/l

RT: 9.700 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086922.D

Acq: 10 Jun 2025 12:51

Instrument :

MSVOA_N

ClientSampleId :

MW-11A-13.5-060525MS

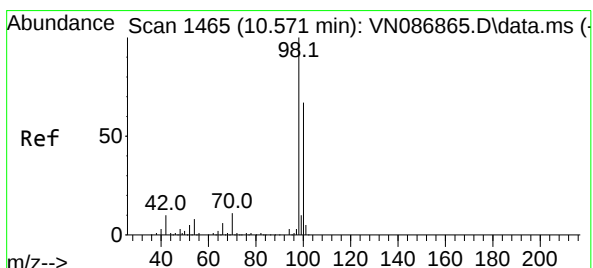
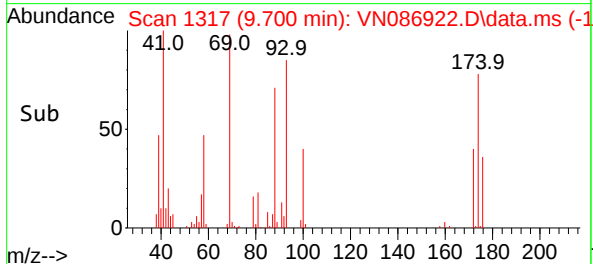
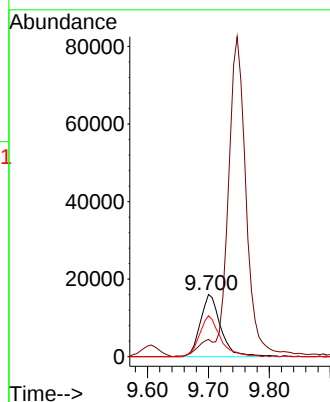
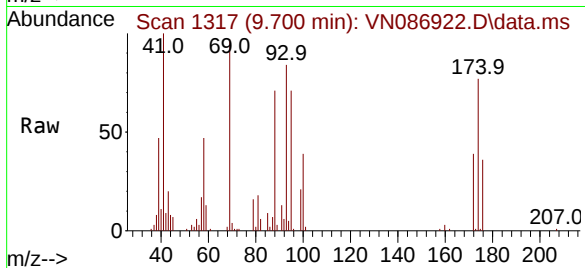
Tgt Ion: 88 Resp: 37276

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 67.0 57.7 86.5



#50

Toluene-d8

Concen: 51.160 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN086922.D

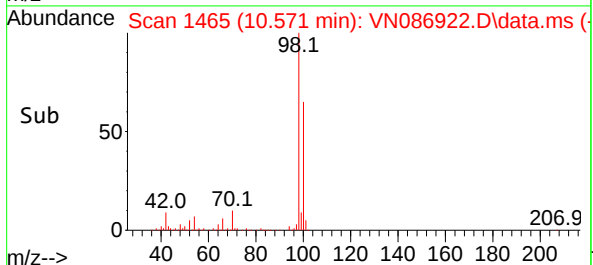
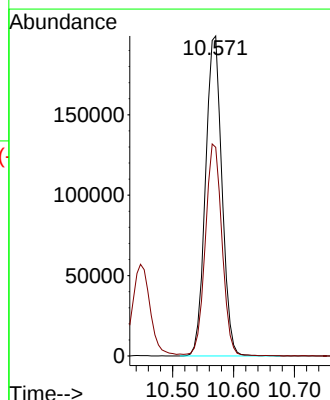
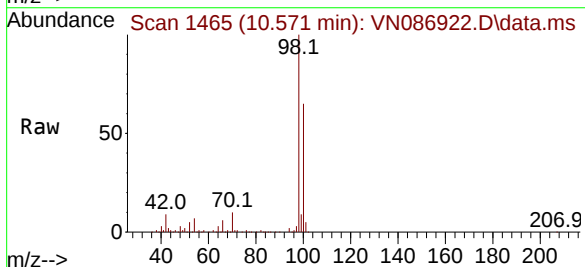
Acq: 10 Jun 2025 12:51

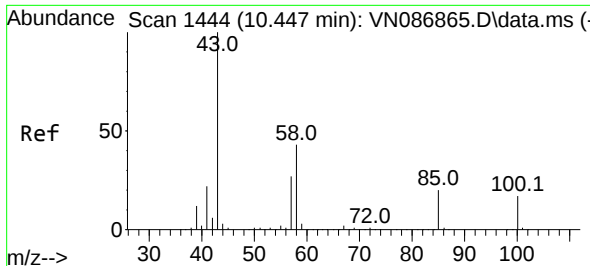
Tgt Ion: 98 Resp: 373191

Ion Ratio Lower Upper

98 100

100 67.5 53.4 80.0

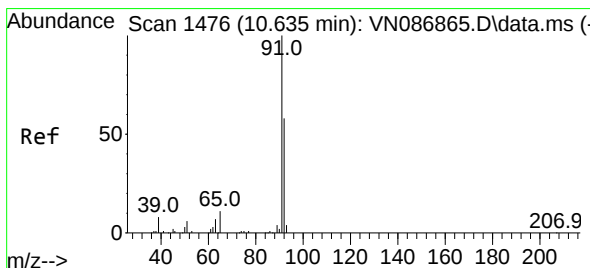
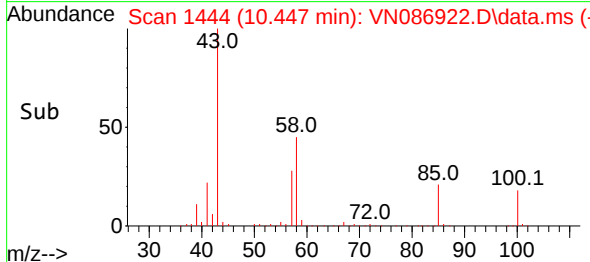
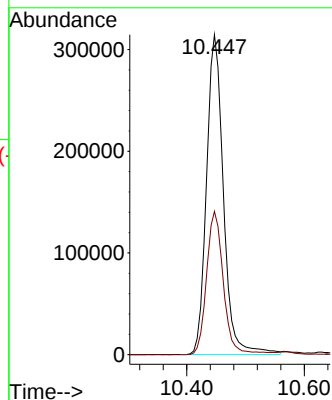
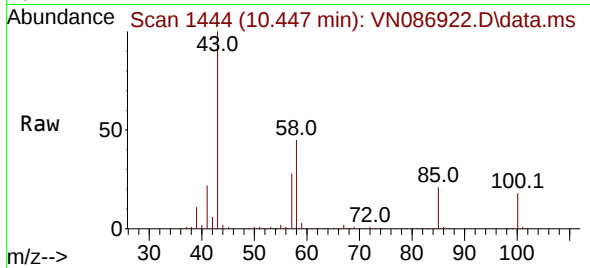




#51
4-Methyl-2-Pentanone
Concen: 185.856 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN086922.D
Acq: 10 Jun 2025 12:51

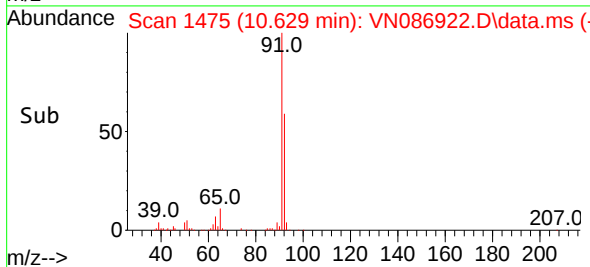
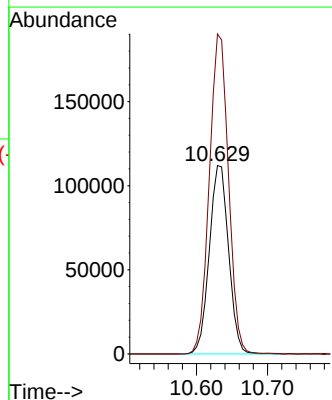
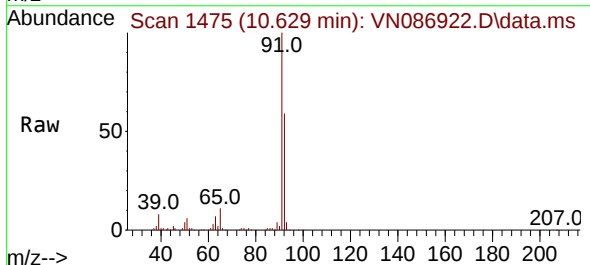
Instrument :
MSVOA_N
ClientSampleId :
MW-11A-13.5-060525MS

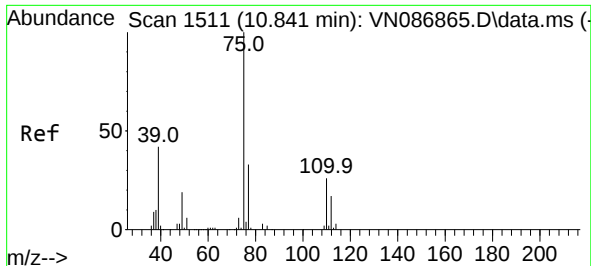
Tgt Ion: 43 Resp: 627690
Ion Ratio Lower Upper
43 100
58 44.6 34.2 51.4



#52
Toluene
Concen: 38.472 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN086922.D
Acq: 10 Jun 2025 12:51

Tgt Ion: 92 Resp: 211099
Ion Ratio Lower Upper
92 100
91 169.0 136.5 204.7

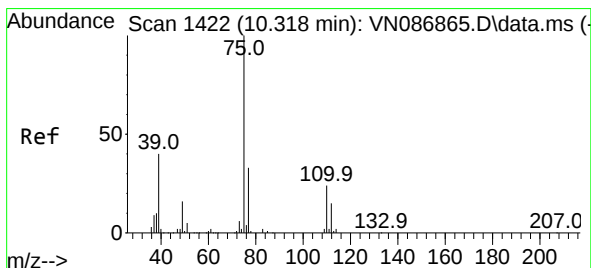
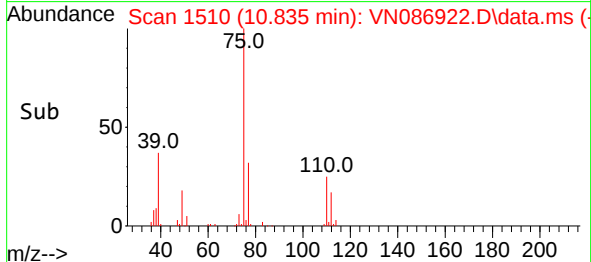
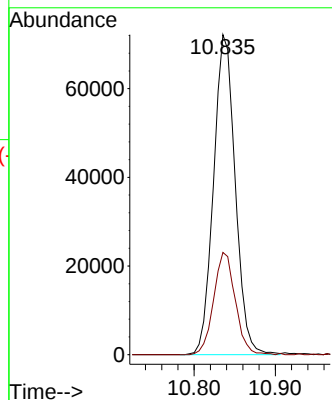
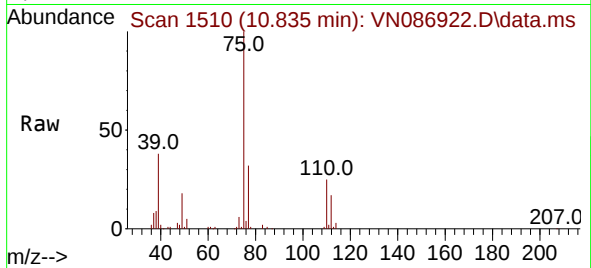




#53
t-1,3-Dichloropropene
Concen: 40.165 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VN086922.D
Acq: 10 Jun 2025 12:51

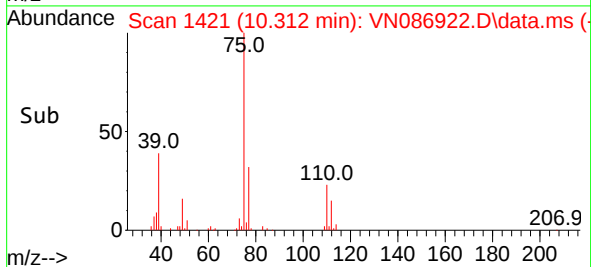
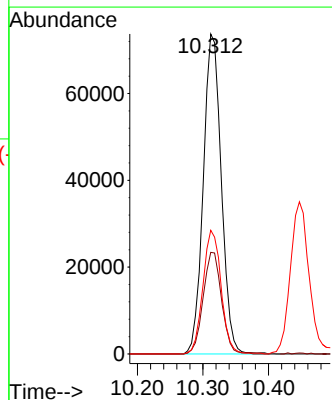
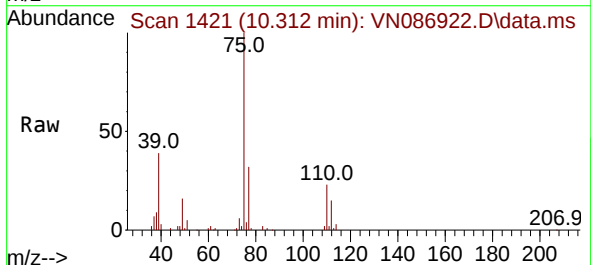
Instrument :
MSVOA_N
ClientSampleId :
MW-11A-13.5-060525MS

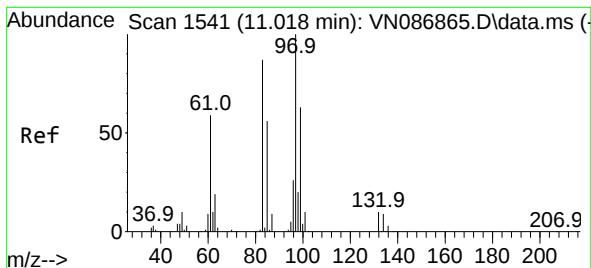
Tgt Ion: 75 Resp: 134072
Ion Ratio Lower Upper
75 100
77 31.9 26.4 39.6



#54
cis-1,3-Dichloropropene
Concen: 39.524 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN086922.D
Acq: 10 Jun 2025 12:51

Tgt Ion: 75 Resp: 141166
Ion Ratio Lower Upper
75 100
77 31.8 26.2 39.4
39 38.6 32.3 48.5





#55

1,1,2-Trichloroethane

Concen: 40.047 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN086922.D

Acq: 10 Jun 2025 12:51

Instrument :

MSVOA_N

ClientSampleId :

MW-11A-13.5-060525MS

Tgt Ion: 97 Resp: 84553

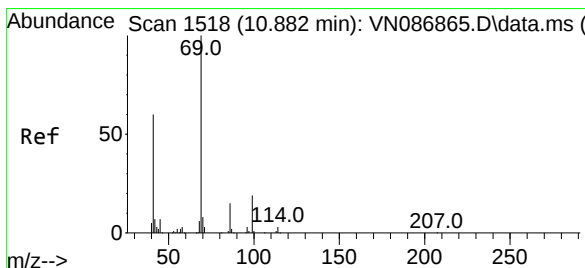
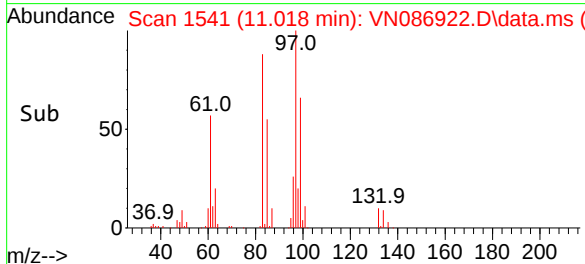
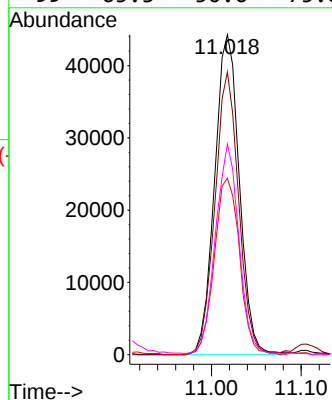
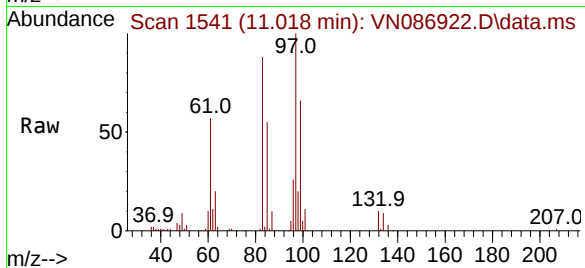
Ion Ratio Lower Upper

97 100

83 88.3 69.7 104.5

85 55.1 45.1 67.7

99 65.3 50.6 75.8



#56

Ethyl methacrylate

Concen: 41.269 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. -0.000 min

Lab File: VN086922.D

Acq: 10 Jun 2025 12:51

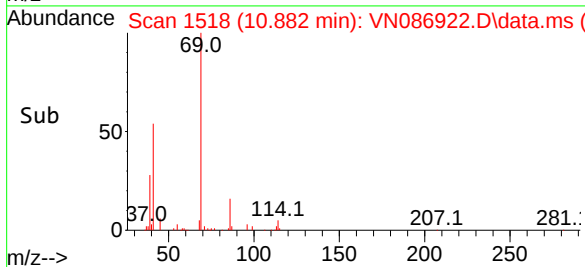
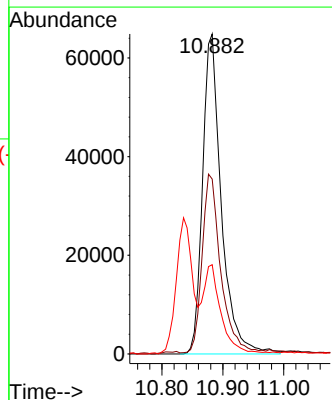
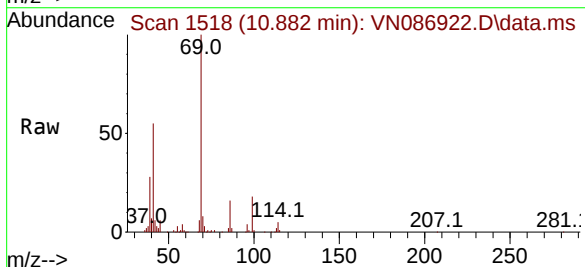
Tgt Ion: 69 Resp: 138783

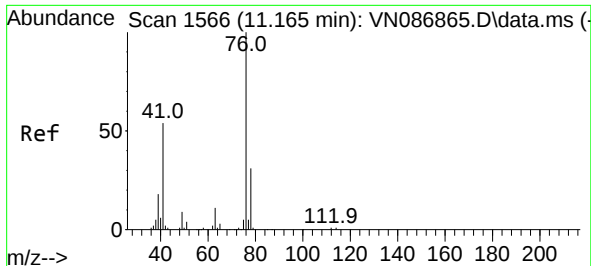
Ion Ratio Lower Upper

69 100

41 55.4 47.2 70.8

39 25.7 23.0 34.6





#57

1,3-Dichloropropane

Concen: 38.991 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN086922.D

Acq: 10 Jun 2025 12:51

Instrument :

MSVOA_N

ClientSampleId :

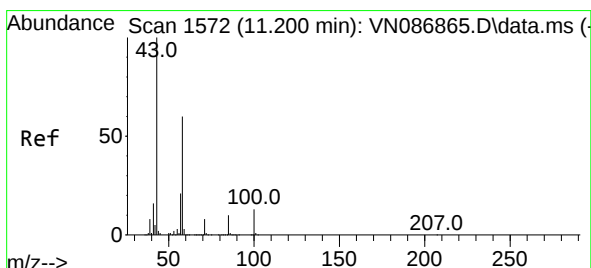
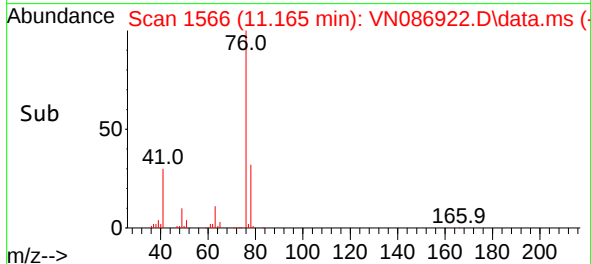
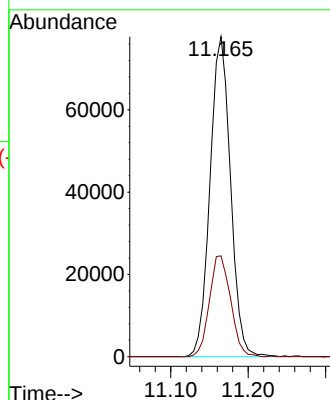
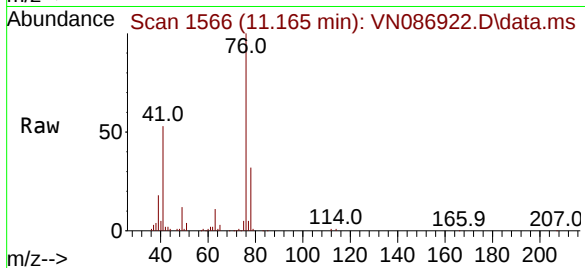
MW-11A-13.5-060525MS

Tgt Ion: 76 Resp: 142808

Ion Ratio Lower Upper

76 100

78 32.6 25.3 37.9



#59

2-Hexanone

Concen: 188.796 ug/l

RT: 11.200 min Scan# 1572

Delta R.T. -0.000 min

Lab File: VN086922.D

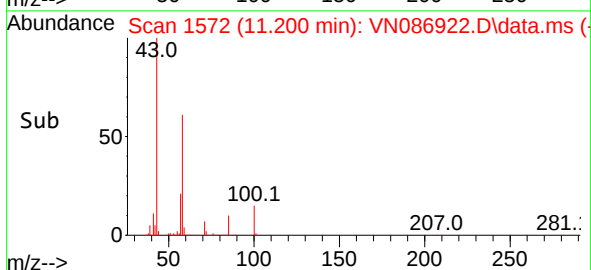
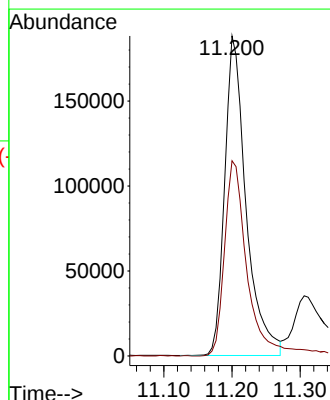
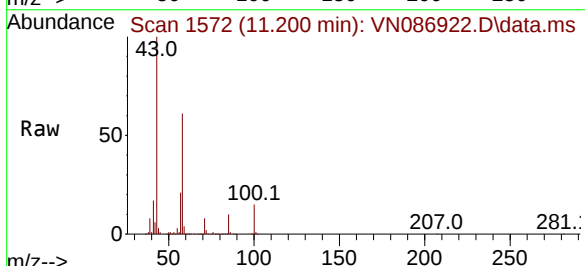
Acq: 10 Jun 2025 12:51

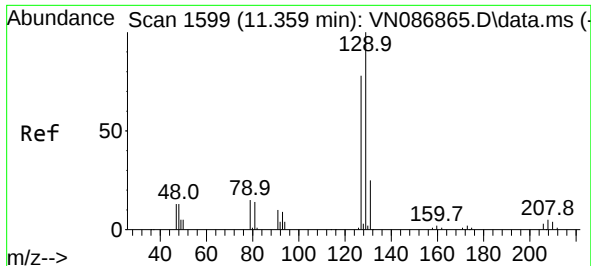
Tgt Ion: 43 Resp: 410712

Ion Ratio Lower Upper

43 100

58 65.8 30.4 91.3

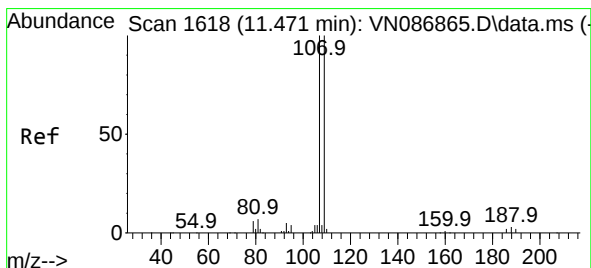
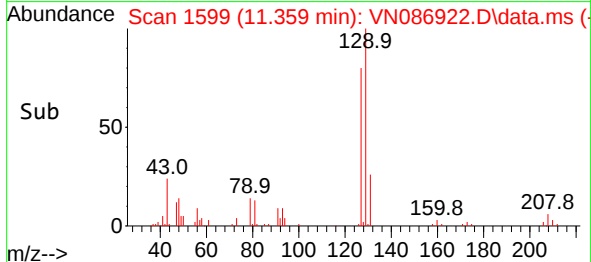
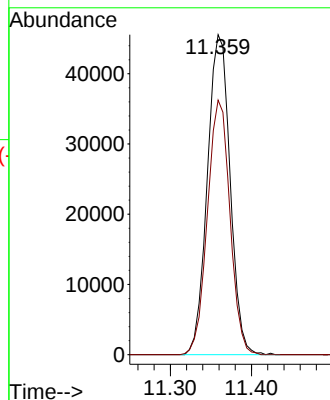
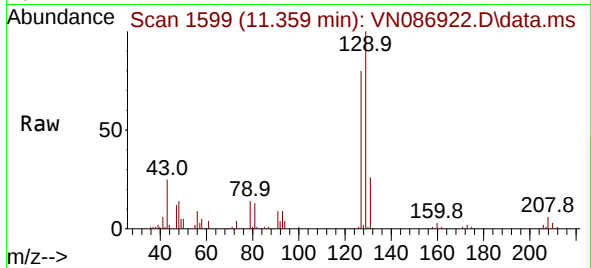




#60
Dibromochloromethane
Concen: 40.264 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086922.D
Acq: 10 Jun 2025 12:51

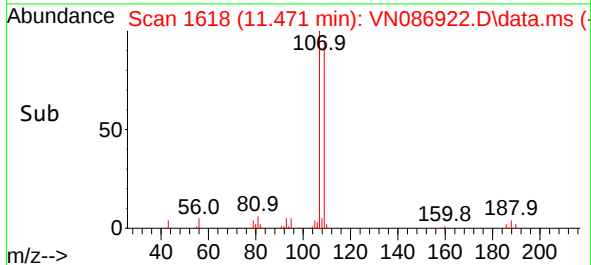
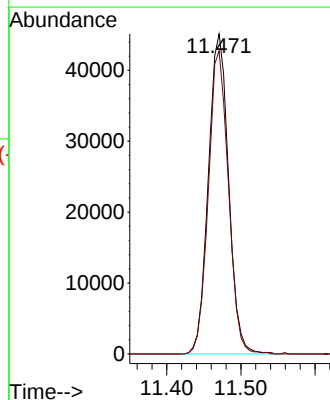
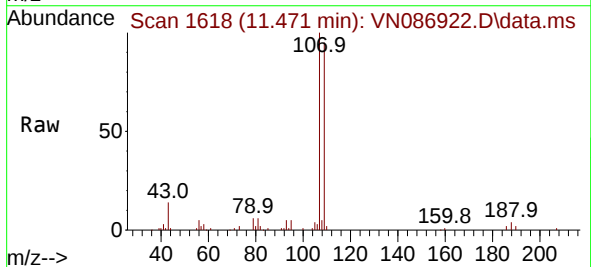
Instrument :
MSVOA_N
ClientSampleId :
MW-11A-13.5-060525MS

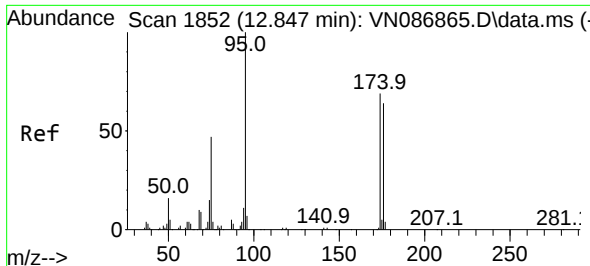
Tgt Ion:129 Resp: 88571
Ion Ratio Lower Upper
129 100
127 78.8 38.6 115.8



#61
1,2-Dibromoethane
Concen: 39.485 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN086922.D
Acq: 10 Jun 2025 12:51

Tgt Ion:107 Resp: 85449
Ion Ratio Lower Upper
107 100
109 93.7 76.3 114.5

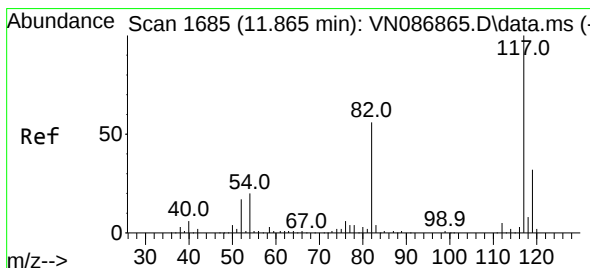
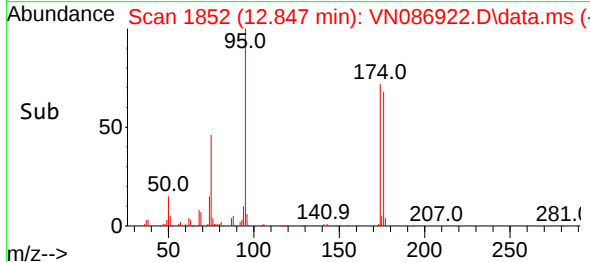
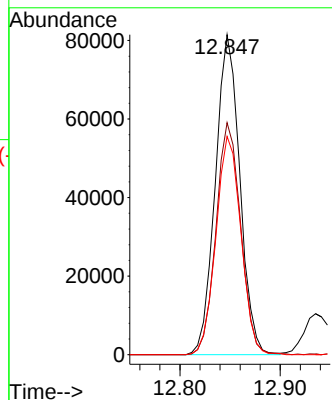
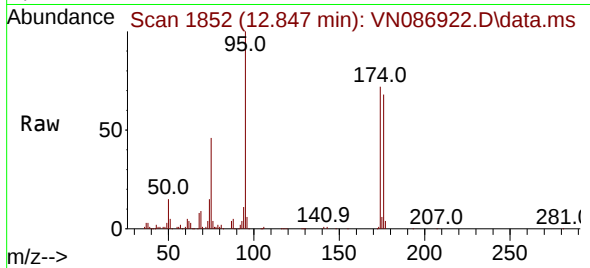




#62
4-Bromofluorobenzene
Concen: 50.932 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086922.D
Acq: 10 Jun 2025 12:51

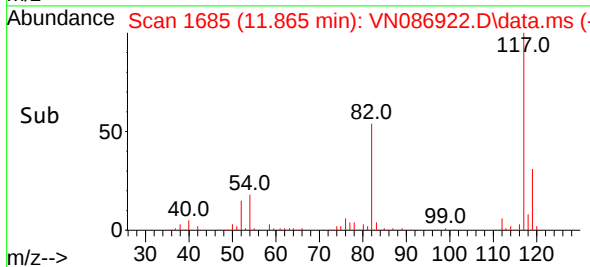
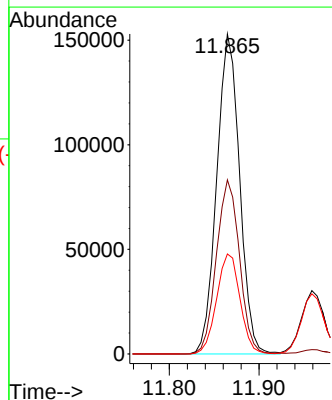
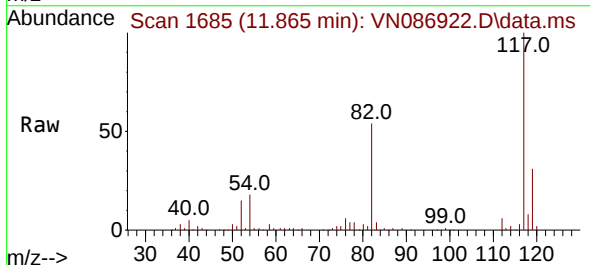
Instrument :
MSVOA_N
ClientSampleId :
MW-11A-13.5-060525MS

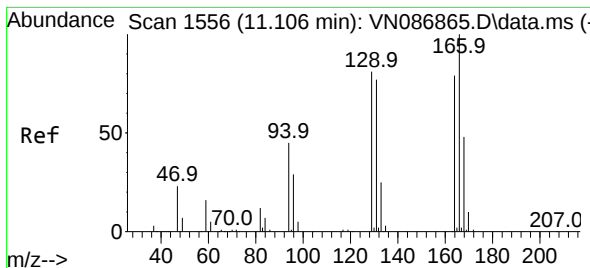
Tgt Ion: 95 Resp: 138034
Ion Ratio Lower Upper
95 100
174 72.8 0.0 141.8
176 69.6 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086922.D
Acq: 10 Jun 2025 12:51

Tgt Ion: 117 Resp: 270945
Ion Ratio Lower Upper
117 100
82 54.4 44.6 67.0
119 31.3 25.5 38.3





#64

Tetrachloroethene

Concen: 57.032 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN086922.D

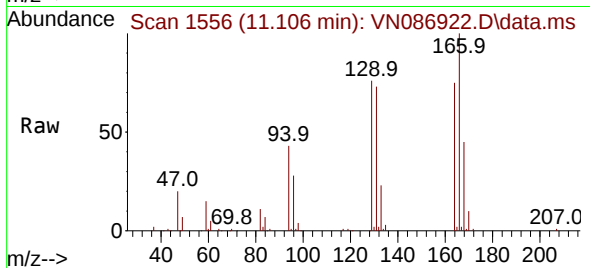
Acq: 10 Jun 2025 12:51

Instrument :

MSVOA_N

ClientSampleId :

MW-11A-13.5-060525MS



Tgt Ion:164 Resp: 97793

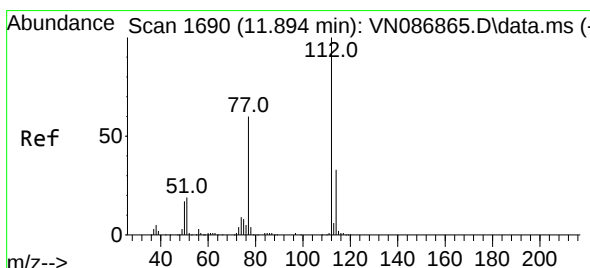
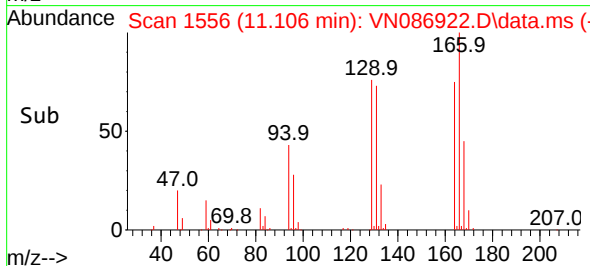
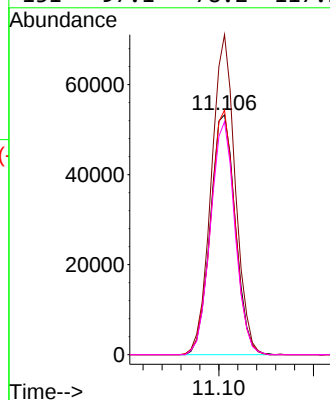
Ion Ratio Lower Upper

164 100

166 133.4 101.8 152.8

129 102.0 83.0 124.4

131 97.1 78.2 117.2



#65

Chlorobenzene

Concen: 39.523 ug/l

RT: 11.894 min Scan# 1690

Delta R.T. -0.000 min

Lab File: VN086922.D

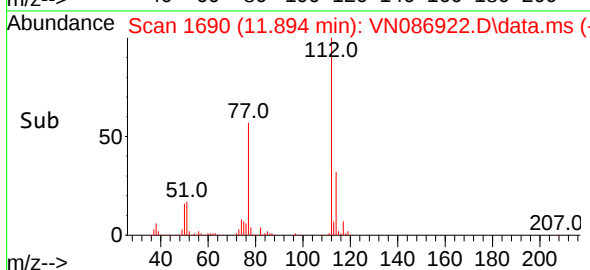
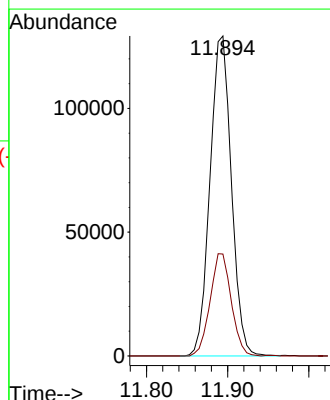
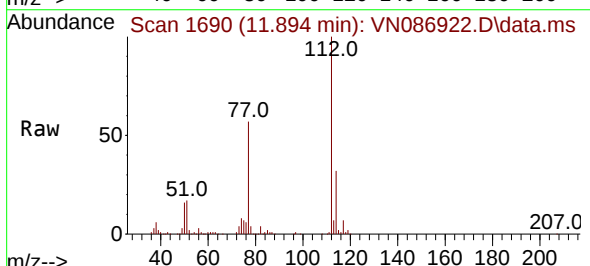
Acq: 10 Jun 2025 12:51

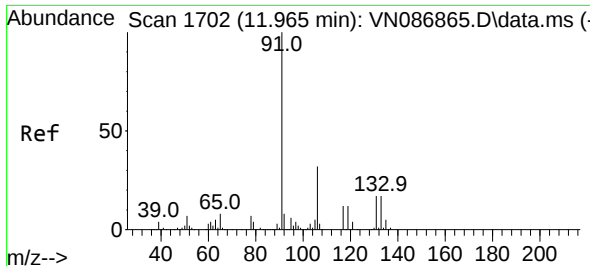
Tgt Ion:112 Resp: 236181

Ion Ratio Lower Upper

112 100

114 31.8 26.2 39.2

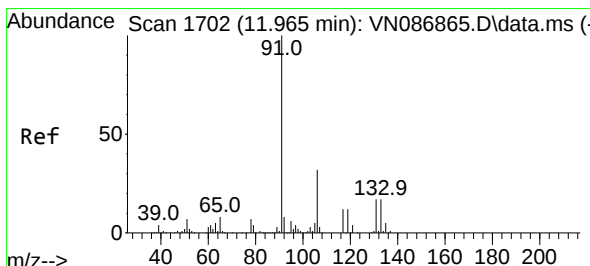
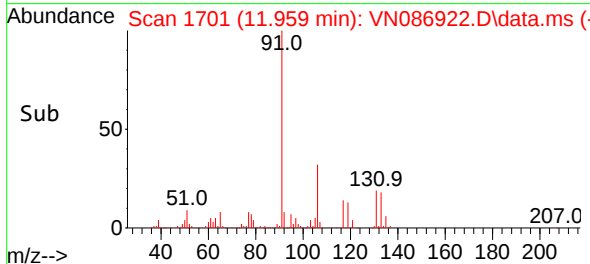
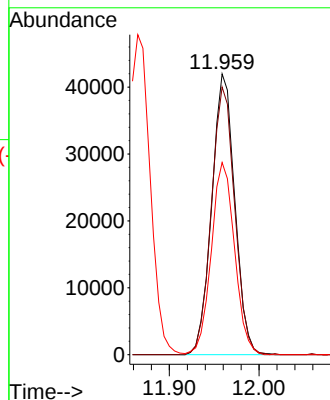
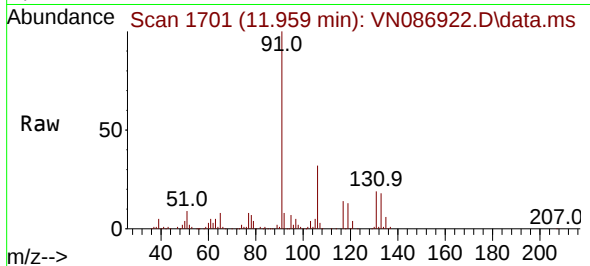




#66
1,1,1,2-Tetrachloroethane
Concen: 38.896 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN086922.D
Acq: 10 Jun 2025 12:51

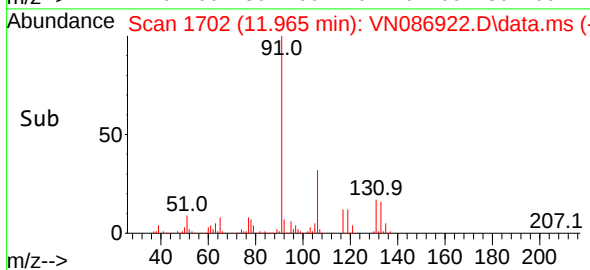
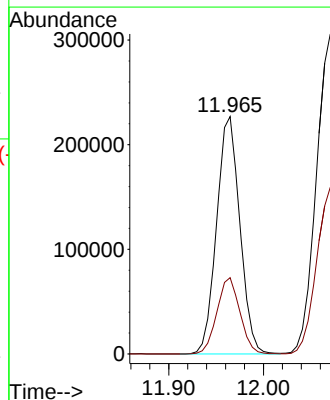
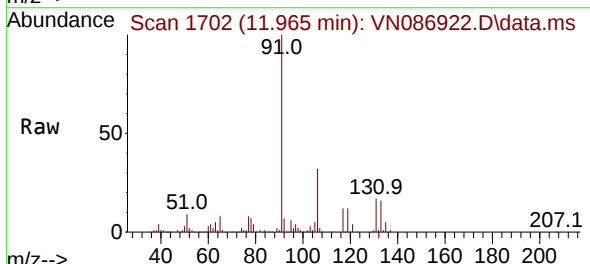
Instrument :
MSVOA_N
ClientSampleId :
MW-11A-13.5-060525MS

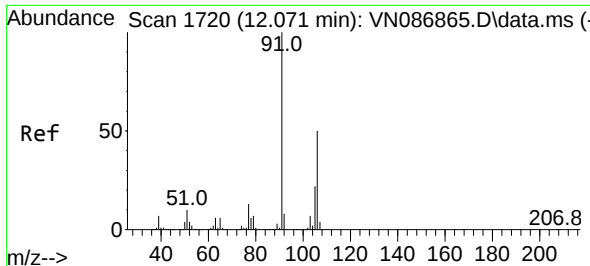
Tgt Ion:	131	Resp:	74715
Ion	Ratio	Lower	Upper
131	100		
133	96.9	48.3	144.8
119	69.1	34.0	101.8



#67
Ethyl Benzene
Concen: 37.621 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN086922.D
Acq: 10 Jun 2025 12:51

Tgt Ion:	91	Resp:	387237
Ion	Ratio	Lower	Upper
91	100		
106	32.1	25.4	38.2

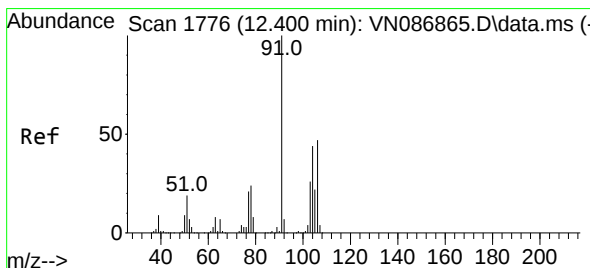
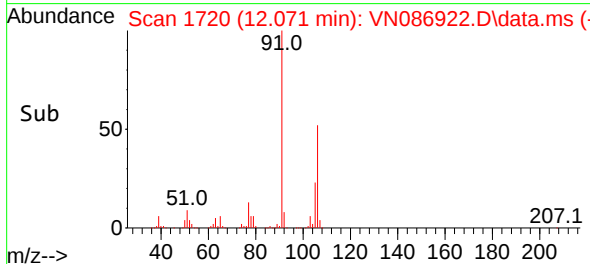
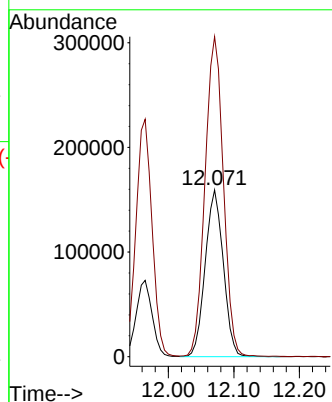
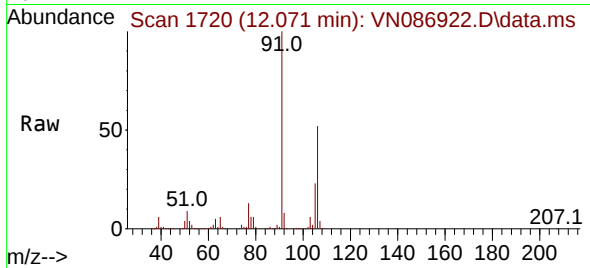




#68
m/p-Xylenes
Concen: 77.607 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086922.D
Acq: 10 Jun 2025 12:51

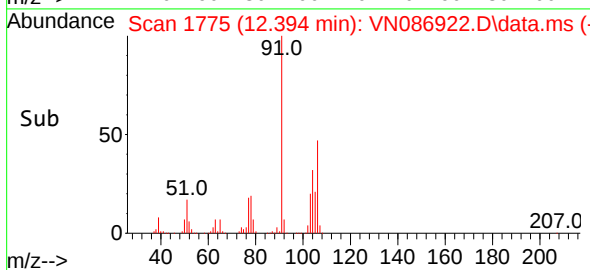
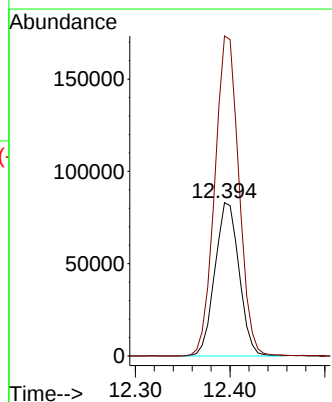
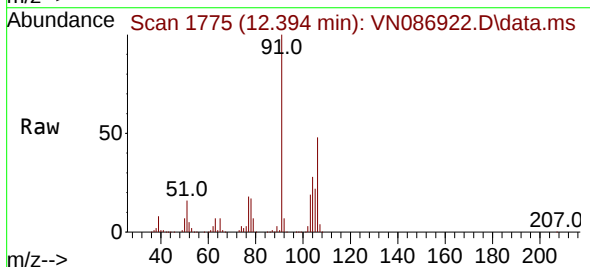
Instrument :
MSVOA_N
ClientSampleId :
MW-11A-13.5-060525MS

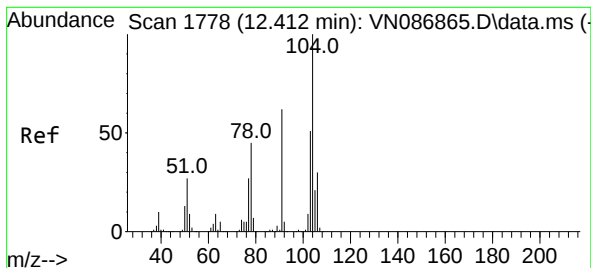
Tgt Ion:106 Resp: 305789
Ion Ratio Lower Upper
106 100
91 194.4 159.4 239.0



#69
o-Xylene
Concen: 39.050 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN086922.D
Acq: 10 Jun 2025 12:51

Tgt Ion:106 Resp: 147363
Ion Ratio Lower Upper
106 100
91 208.6 106.1 318.1





#70

Styrene

Concen: 39.358 ug/l

RT: 12.412 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086922.D

Acq: 10 Jun 2025 12:51

Instrument :

MSVOA_N

ClientSampleId :

MW-11A-13.5-060525MS

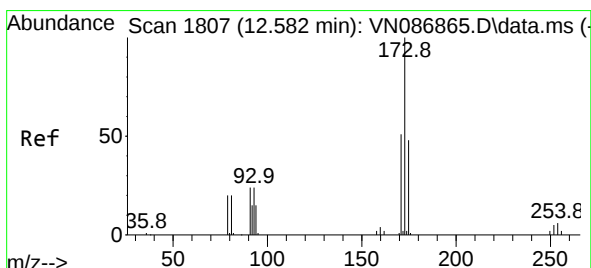
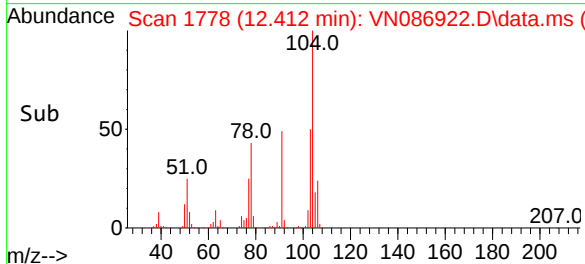
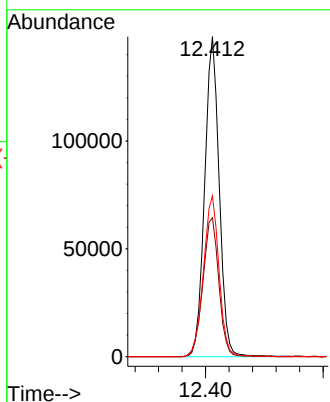
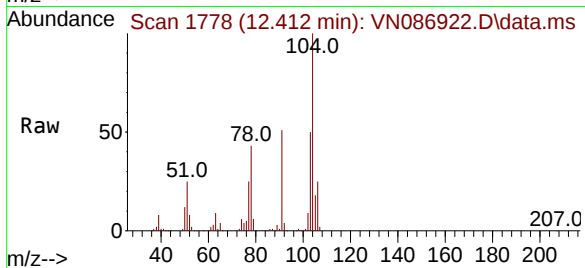
Tgt Ion:104 Resp: 254157

Ion Ratio Lower Upper

104 100

78 47.4 38.5 57.7

103 53.9 43.1 64.7



#71

Bromoform

Concen: 42.046 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.006 min

Lab File: VN086922.D

Acq: 10 Jun 2025 12:51

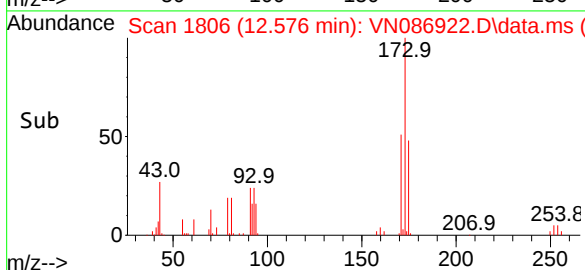
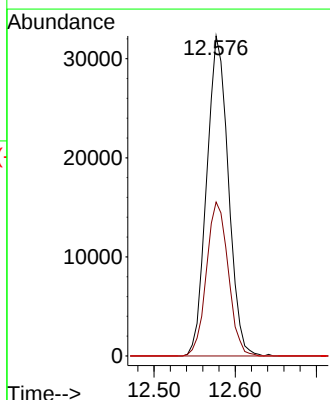
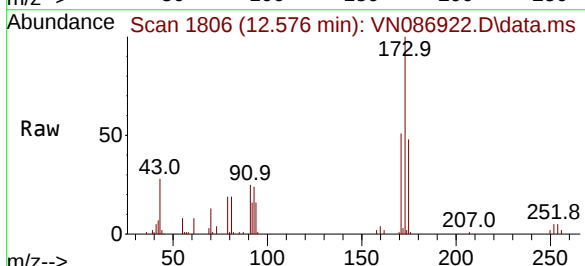
Tgt Ion:173 Resp: 59843

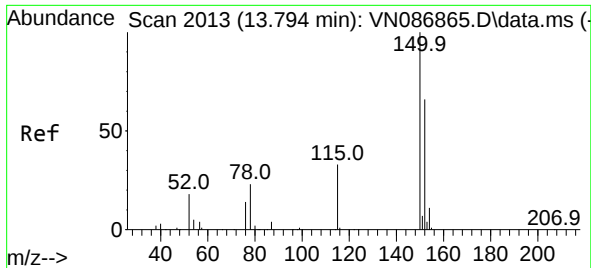
Ion Ratio Lower Upper

173 100

175 48.3 24.1 72.4

254 0.0 0.0 0.0

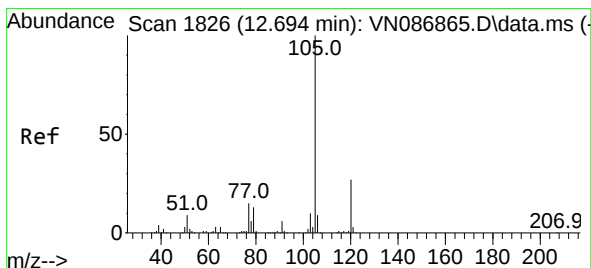
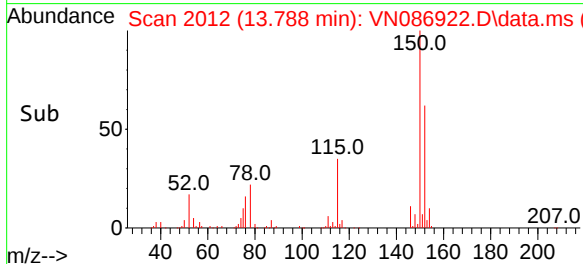
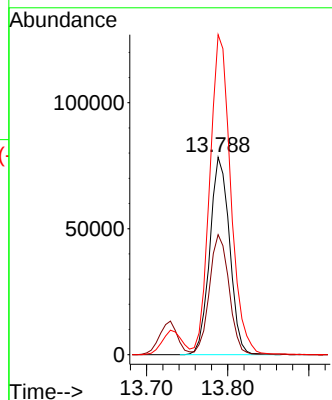
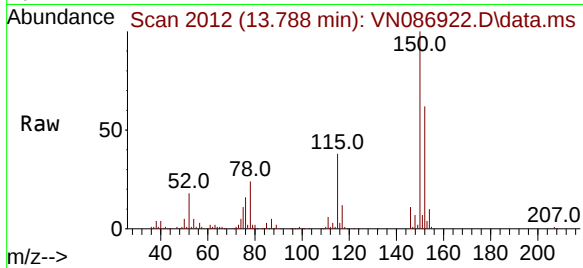




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN086922.D
Acq: 10 Jun 2025 12:51

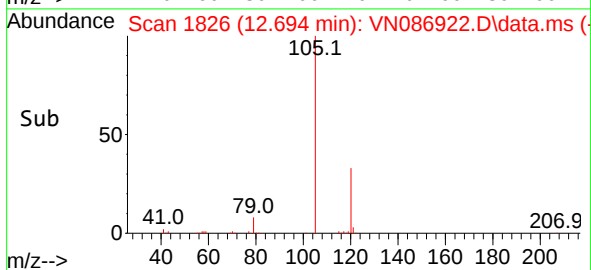
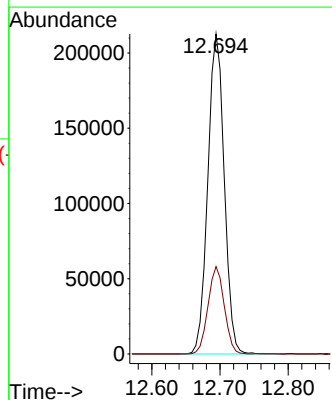
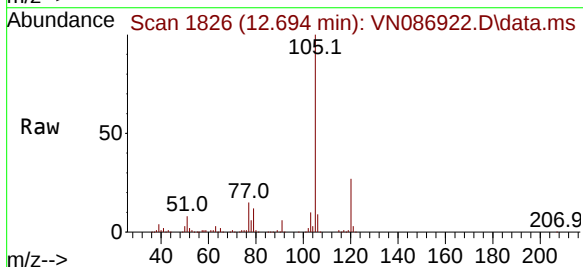
Instrument :
MSVOA_N
ClientSampleId :
MW-11A-13.5-060525MS

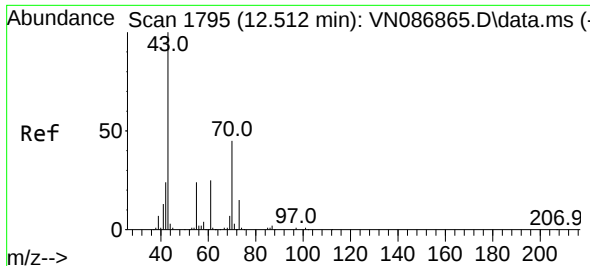
Tgt Ion:152 Resp: 132628
Ion Ratio Lower Upper
152 100
115 59.6 30.1 90.5
150 171.8 0.0 345.0



#73
Isopropylbenzene
Concen: 36.846 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086922.D
Acq: 10 Jun 2025 12:51

Tgt Ion:105 Resp: 356009
Ion Ratio Lower Upper
105 100
120 26.9 13.5 40.4



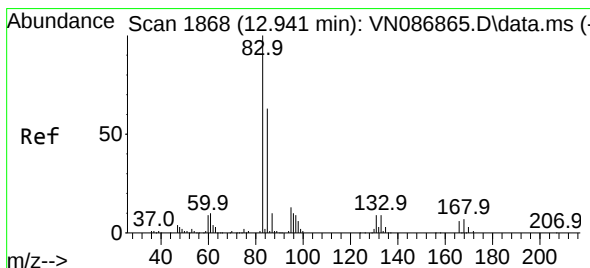
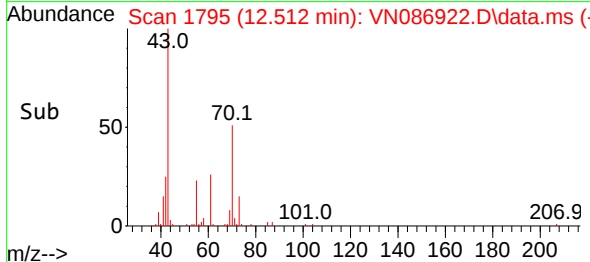
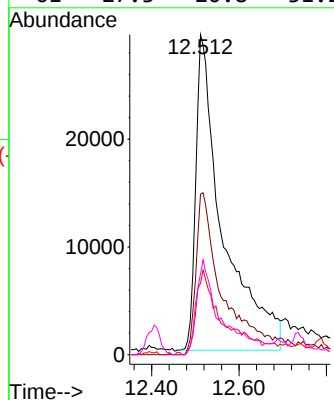
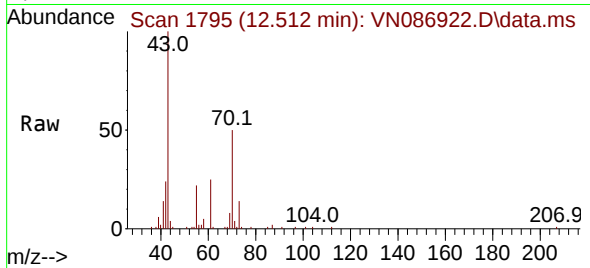


#74
N-amy1 acetate
Concen: 37.161 ug/l
RT: 12.512 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086922.D
Acq: 10 Jun 2025 12:51

Instrument :
MSVOA_N
ClientSampleId :
MW-11A-13.5-060525MS

Tgt Ion: 43 Resp: 125467

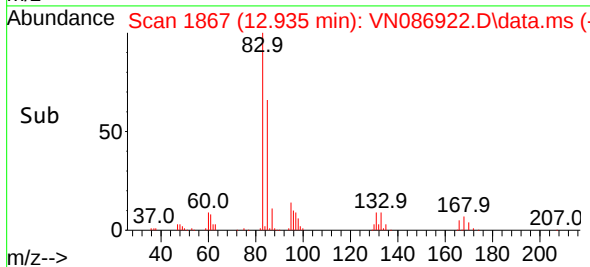
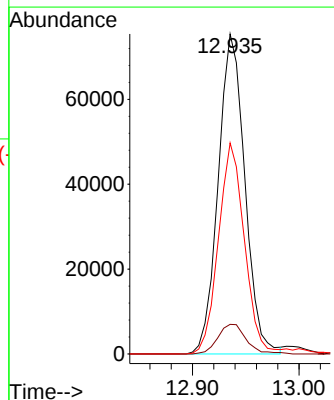
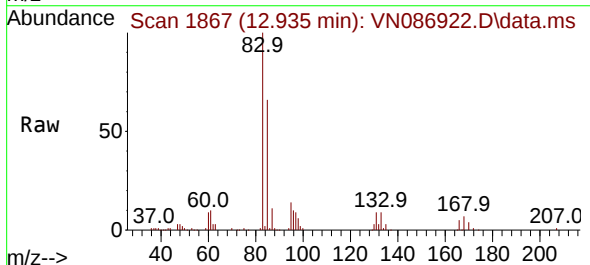
Ion	Ratio	Lower	Upper
43	100		
70	49.9	37.6	56.4
55	26.8	19.0	28.6
61	27.3	20.8	31.2

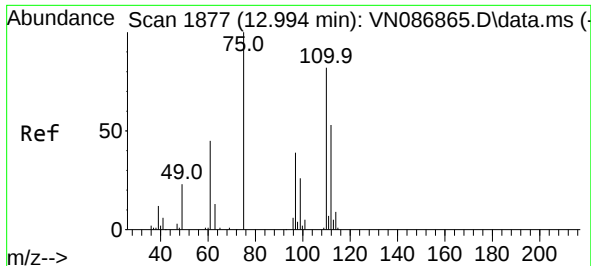


#75
1,1,2,2-Tetrachloroethane
Concen: 40.025 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN086922.D
Acq: 10 Jun 2025 12:51

Tgt Ion: 83 Resp: 131015

Ion	Ratio	Lower	Upper
83	100		
131	9.9	4.9	14.7
85	64.2	32.0	96.0

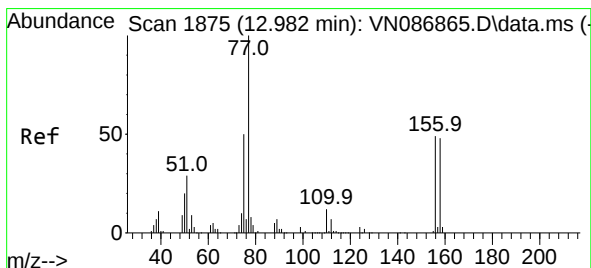
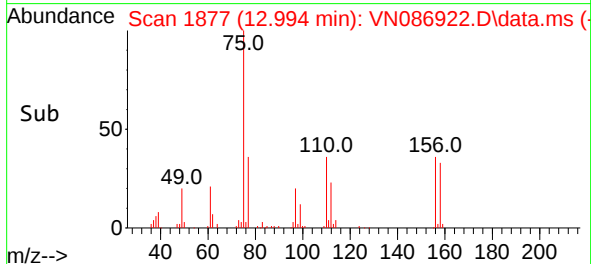
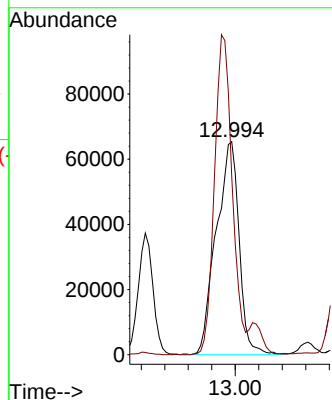
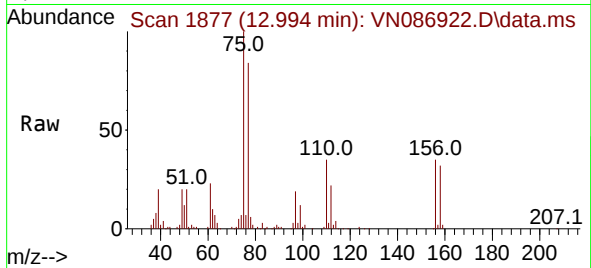




#76
1,2,3-Trichloropropane
Concen: 56.010 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN086922.D
Acq: 10 Jun 2025 12:51

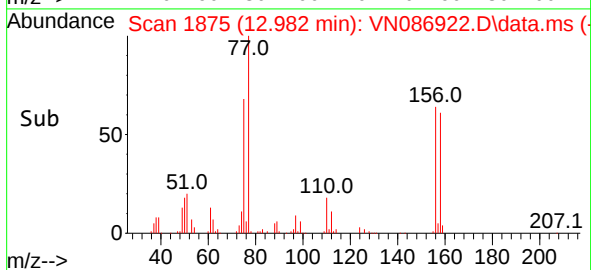
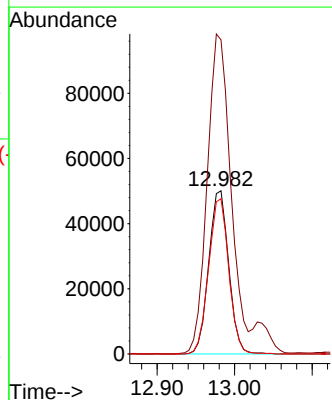
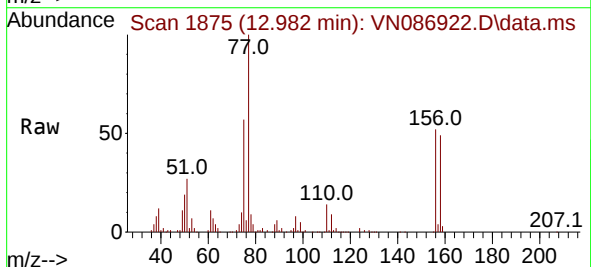
Instrument :
MSVOA_N
ClientSampleId :
MW-11A-13.5-060525MS

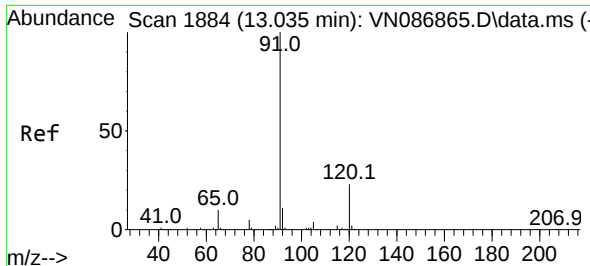
Tgt Ion: 75 Resp: 176577
Ion Ratio Lower Upper
75 100
77 116.5 79.3 237.9



#77
Bromobenzene
Concen: 40.405 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN086922.D
Acq: 10 Jun 2025 12:51

Tgt Ion:156 Resp: 89530
Ion Ratio Lower Upper
156 100
77 229.9 117.7 353.1
158 96.2 48.1 144.4

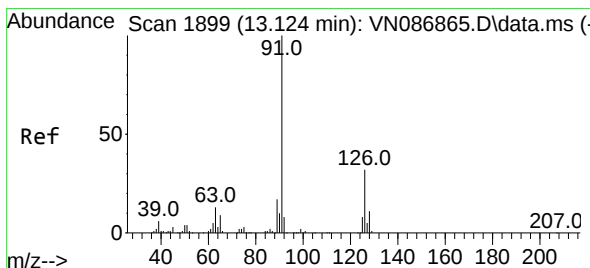
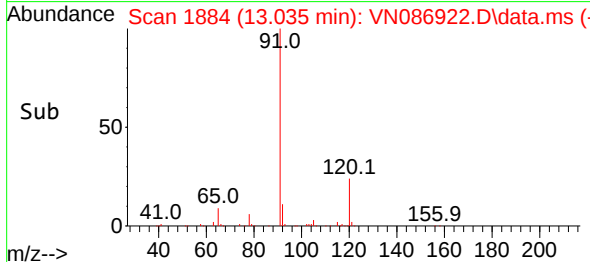
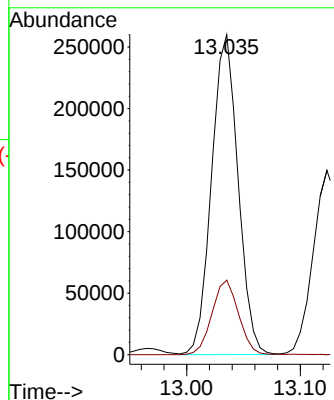
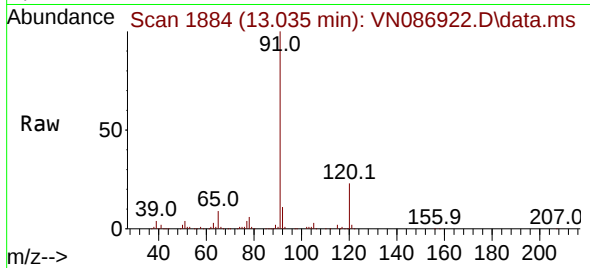




#78
n-propylbenzene
Concen: 35.869 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086922.D
Acq: 10 Jun 2025 12:51

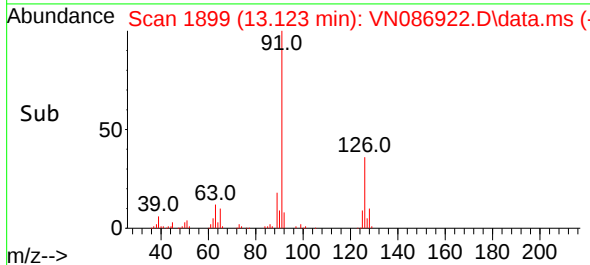
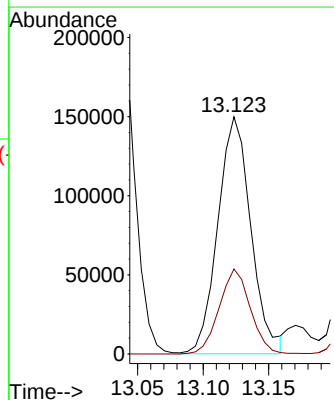
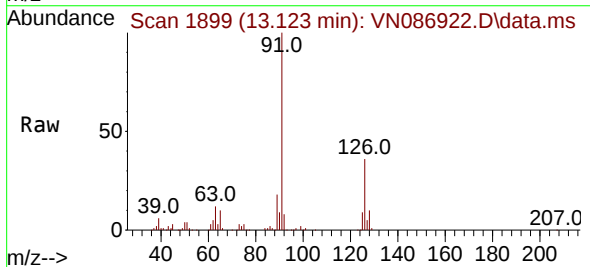
Instrument : MSVOA_N
ClientSampleId : MW-11A-13.5-060525MS

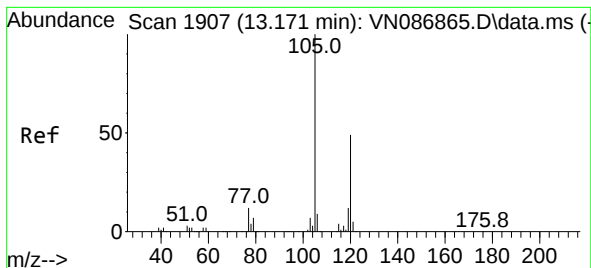
Tgt Ion: 91 Resp: 421170
Ion Ratio Lower Upper
91 100
120 23.3 11.4 34.2



#79
2-Chlorotoluene
Concen: 37.274 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086922.D
Acq: 10 Jun 2025 12:51

Tgt Ion: 91 Resp: 262472
Ion Ratio Lower Upper
91 100
126 33.7 16.2 48.5





#80

1,3,5-Trimethylbenzene

Concen: 36.083 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN086922.D

Acq: 10 Jun 2025 12:51

Instrument :

MSVOA_N

ClientSampleId :

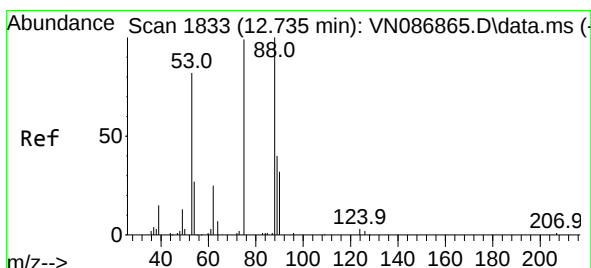
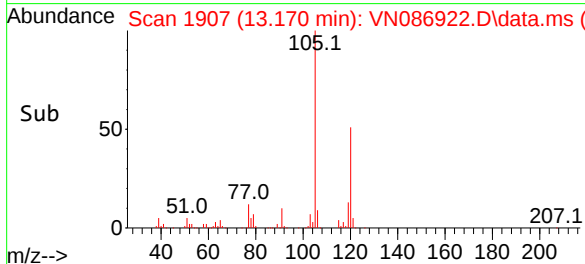
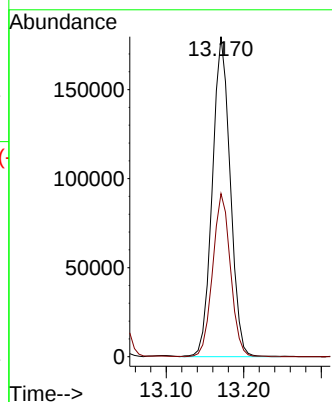
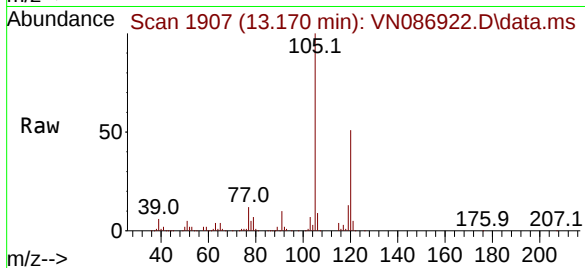
MW-11A-13.5-060525MS

Tgt Ion:105 Resp: 287840

Ion Ratio Lower Upper

105 100

120 50.7 24.9 74.6



#81

trans-1,4-Dichloro-2-butene

Concen: 41.077 ug/l

RT: 12.735 min Scan# 1833

Delta R.T. -0.000 min

Lab File: VN086922.D

Acq: 10 Jun 2025 12:51

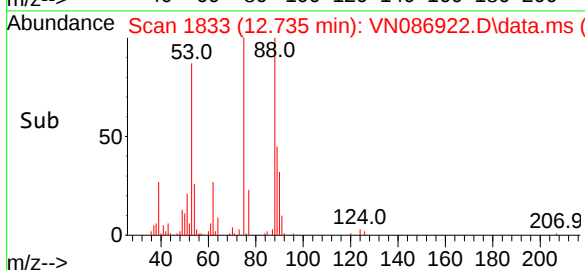
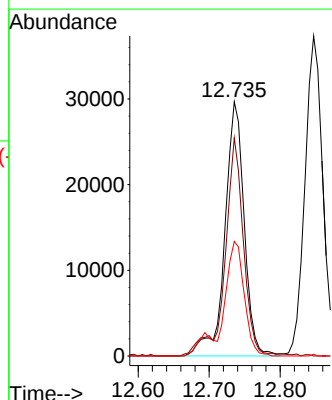
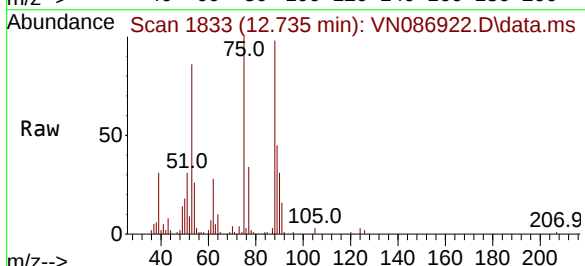
Tgt Ion: 75 Resp: 56257

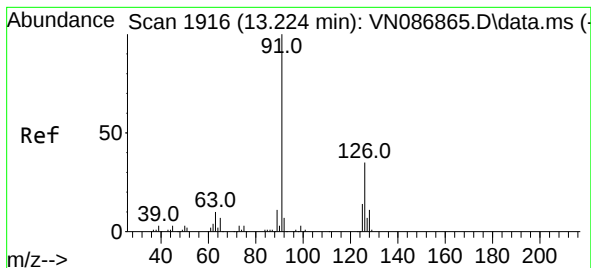
Ion Ratio Lower Upper

75 100

53 82.3 66.6 99.8

89 41.1 36.7 55.1





#82

4-Chlorotoluene

Concen: 38.181 ug/l

RT: 13.218 min Scan# 1915

Delta R.T. -0.006 min

Lab File: VN086922.D

Acq: 10 Jun 2025 12:51

Instrument :

MSVOA_N

ClientSampleId :

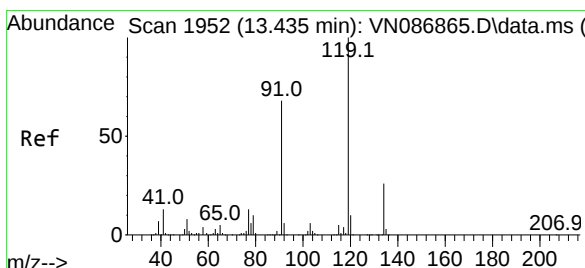
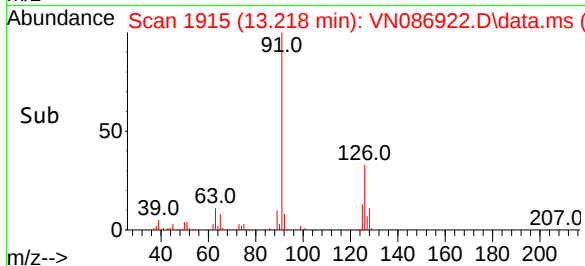
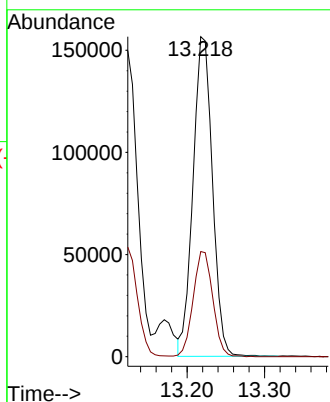
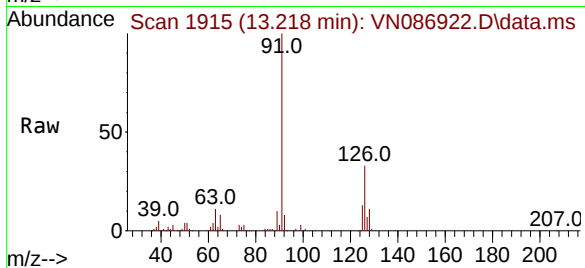
MW-11A-13.5-060525MS

Tgt Ion: 91 Resp: 272044

Ion Ratio Lower Upper

91 100

126 33.3 16.7 50.1



#83

tert-Butylbenzene

Concen: 33.915 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VN086922.D

Acq: 10 Jun 2025 12:51

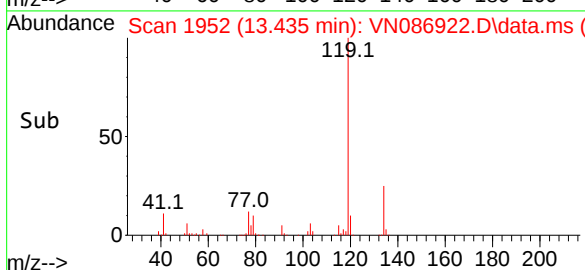
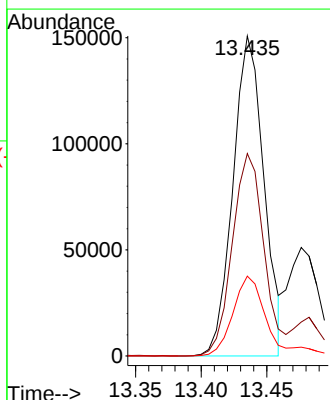
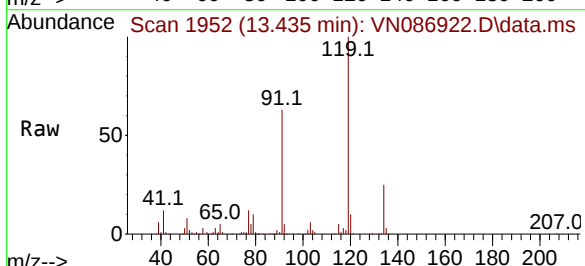
Tgt Ion: 119 Resp: 247652

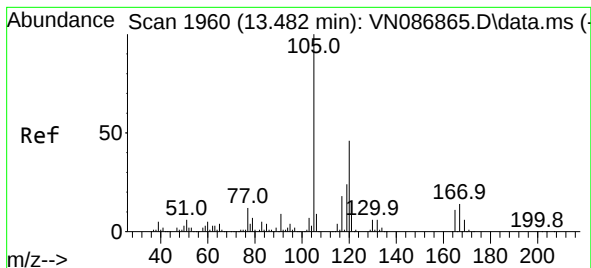
Ion Ratio Lower Upper

119 100

91 64.8 32.1 96.5

134 27.4 13.4 40.1





#84

1,2,4-Trimethylbenzene

Concen: 36.759 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN086922.D

Acq: 10 Jun 2025 12:51

Instrument :

MSVOA_N

ClientSampleId :

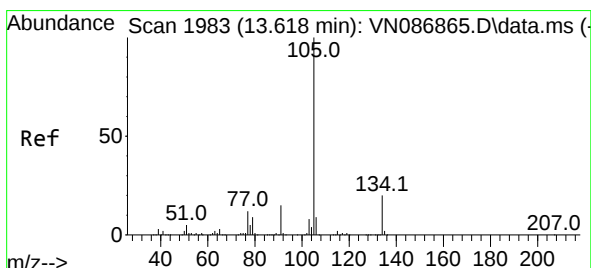
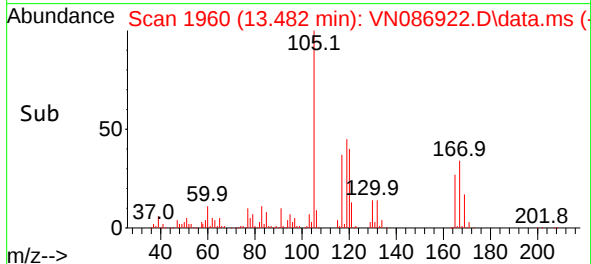
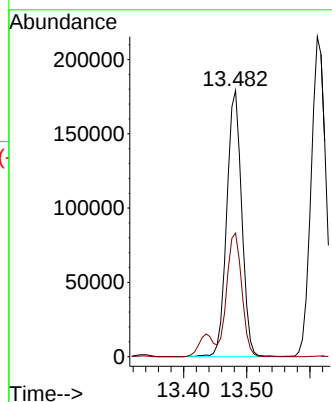
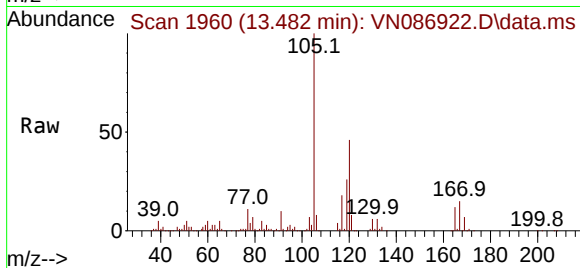
MW-11A-13.5-060525MS

Tgt Ion:105 Resp: 294041

Ion Ratio Lower Upper

105 100

120 46.7 23.2 69.6



#85

sec-Butylbenzene

Concen: 33.315 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. -0.006 min

Lab File: VN086922.D

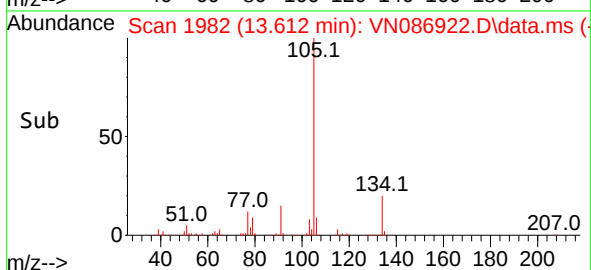
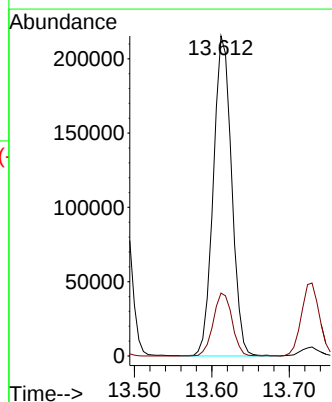
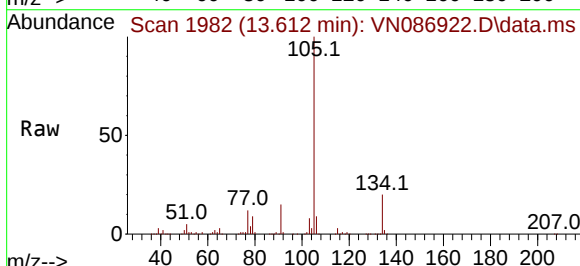
Acq: 10 Jun 2025 12:51

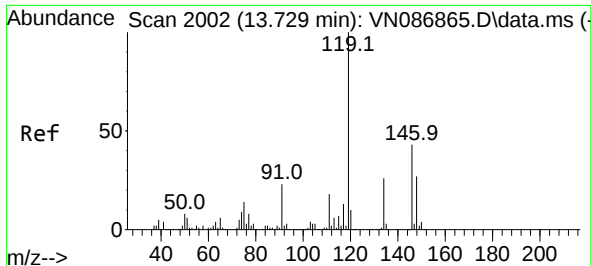
Tgt Ion:105 Resp: 353284

Ion Ratio Lower Upper

105 100

134 20.2 10.0 30.0

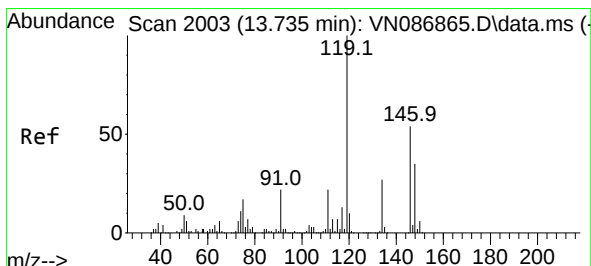
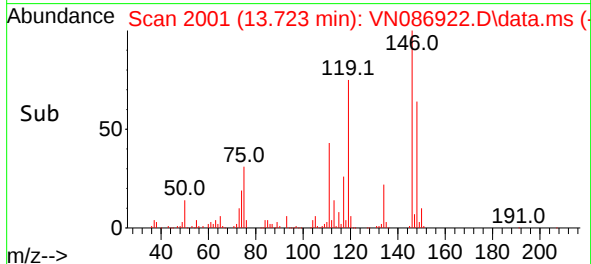
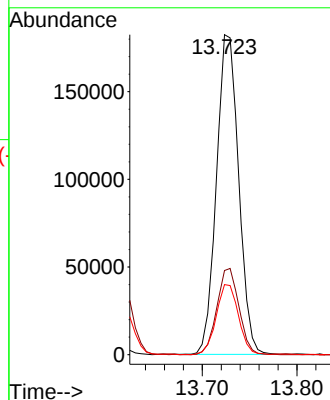
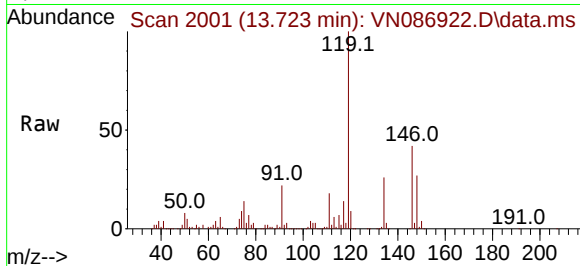




#86
p-Isopropyltoluene
Concen: 33.934 ug/l
RT: 13.723 min Scan# 2000
Delta R.T. -0.006 min
Lab File: VN086922.D
Acq: 10 Jun 2025 12:51

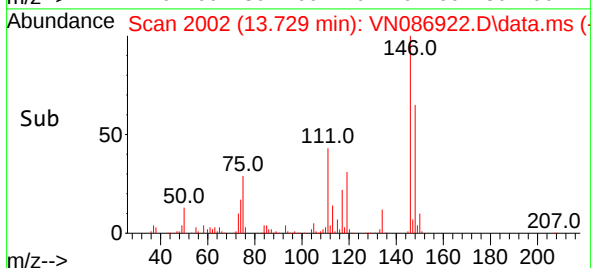
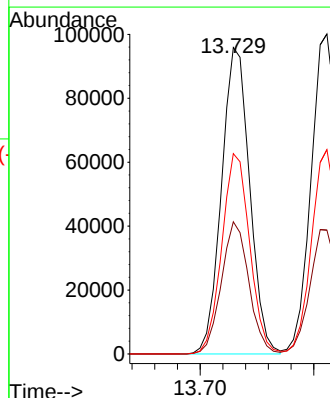
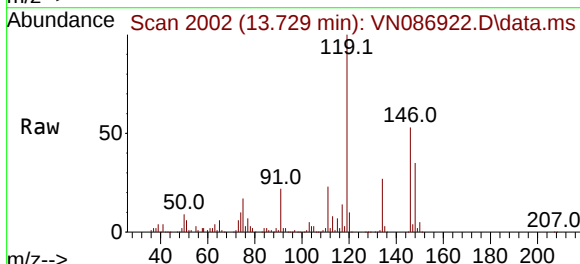
Instrument :
MSVOA_N
ClientSampleId :
MW-11A-13.5-060525MS

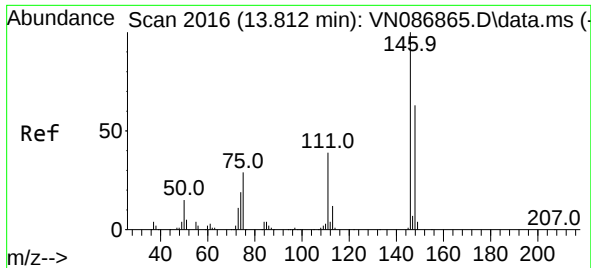
Tgt Ion:119 Resp: 297463
Ion Ratio Lower Upper
119 100
134 26.8 13.5 40.4
91 22.1 11.5 34.4



#87
1,3-Dichlorobenzene
Concen: 37.892 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.006 min
Lab File: VN086922.D
Acq: 10 Jun 2025 12:51

Tgt Ion:146 Resp: 165194
Ion Ratio Lower Upper
146 100
111 42.1 20.9 62.8
148 64.7 32.0 96.2

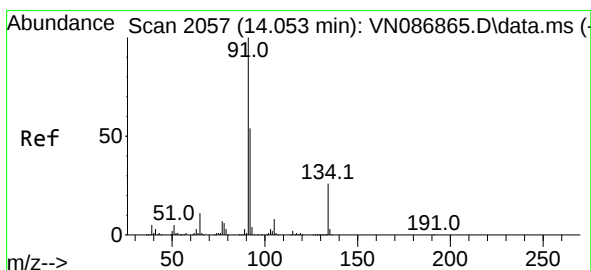
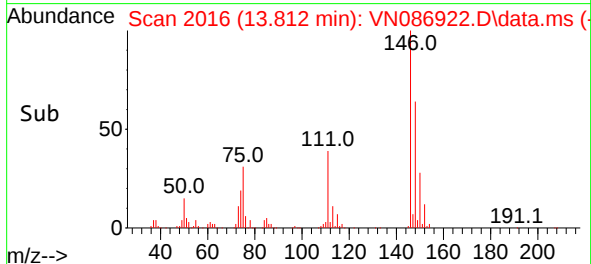
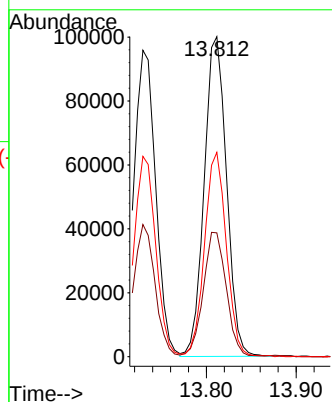
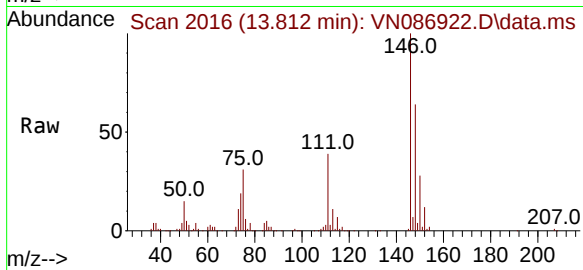




#88
1,4-Dichlorobenzene
Concen: 38.850 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN086922.D
Acq: 10 Jun 2025 12:51

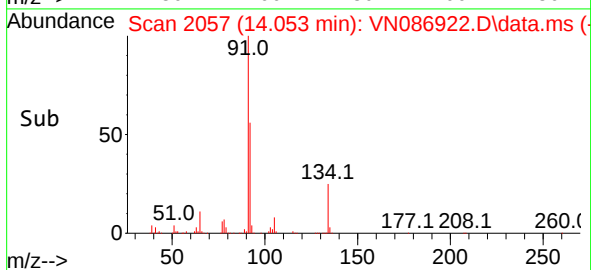
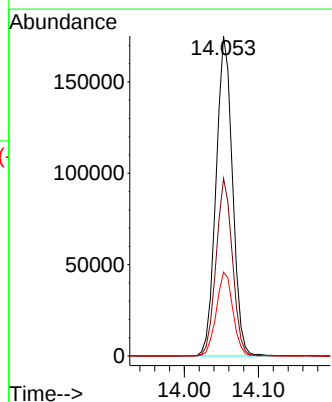
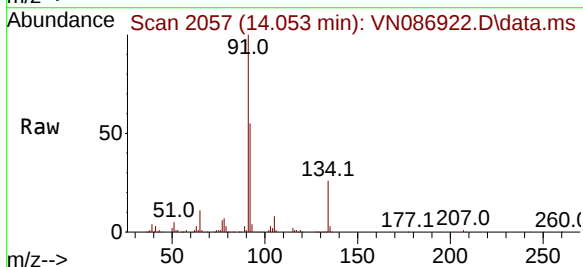
Instrument :
MSVOA_N
ClientSampleId :
MW-11A-13.5-060525MS

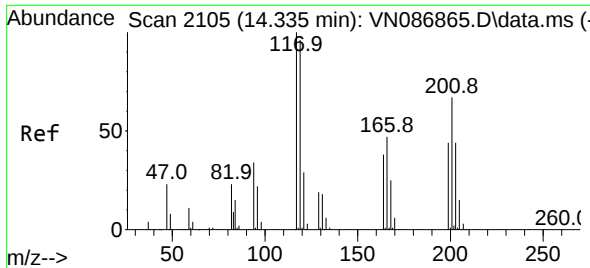
Tgt Ion:146 Resp: 172677
Ion Ratio Lower Upper
146 100
111 39.5 19.9 59.7
148 62.6 31.8 95.4



#89
n-Butylbenzene
Concen: 31.824 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086922.D
Acq: 10 Jun 2025 12:51

Tgt Ion: 91 Resp: 270209
Ion Ratio Lower Upper
91 100
92 54.9 27.5 82.4
134 26.4 13.0 39.0

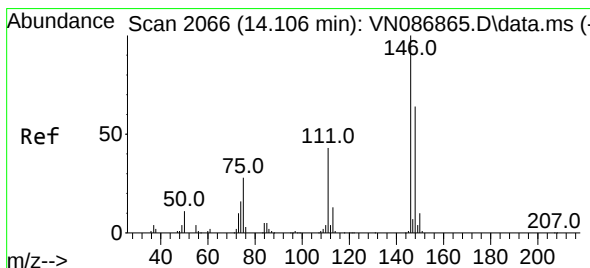
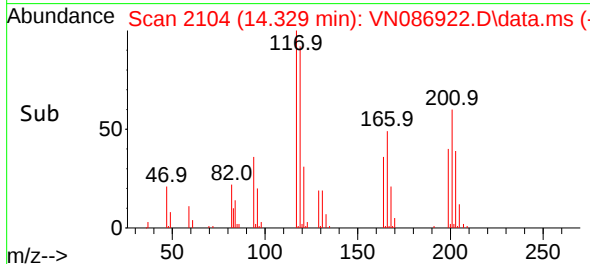
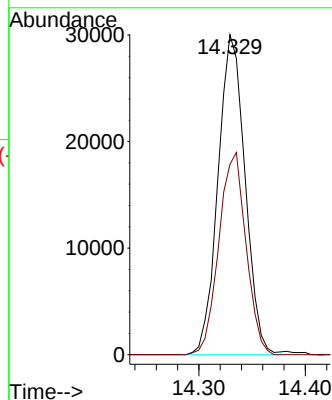
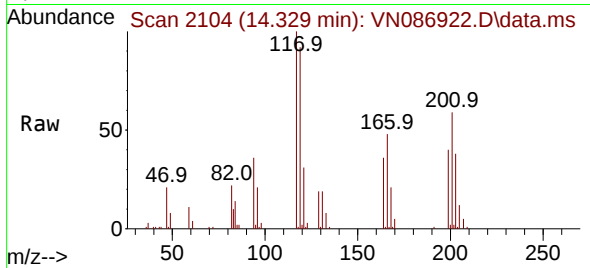




#90
Hexachloroethane
Concen: 35.562 ug/l
RT: 14.329 min Scan# 2105
Delta R.T. -0.006 min
Lab File: VN086922.D
Acq: 10 Jun 2025 12:51

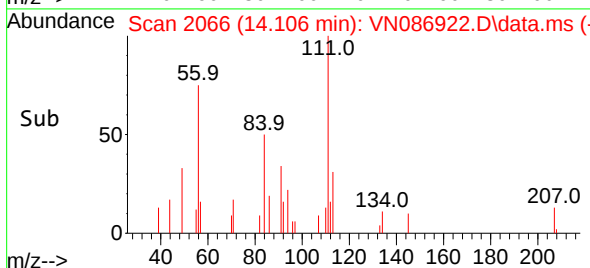
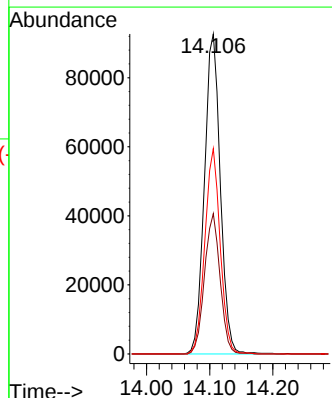
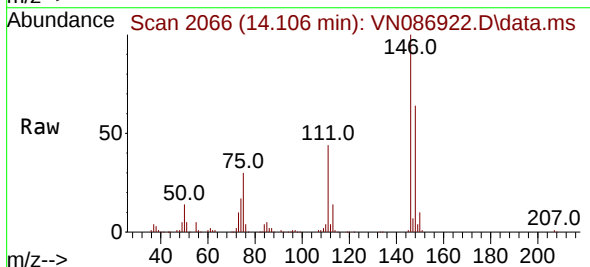
Instrument :
MSVOA_N
ClientSampleId :
MW-11A-13.5-060525MS

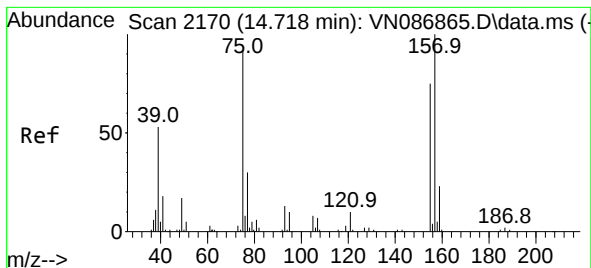
Tgt Ion:117 Resp: 52840
Ion Ratio Lower Upper
117 100
201 63.3 33.2 99.6



#91
1,2-Dichlorobenzene
Concen: 38.647 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN086922.D
Acq: 10 Jun 2025 12:51

Tgt Ion:146 Resp: 161871
Ion Ratio Lower Upper
146 100
111 43.0 21.6 64.6
148 62.1 31.7 95.1





#92

1,2-Dibromo-3-Chloropropane

Concen: 36.108 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.000 min

Lab File: VN086922.D

Acq: 10 Jun 2025 12:51

Instrument :

MSVOA_N

ClientSampleId :

MW-11A-13.5-060525MS

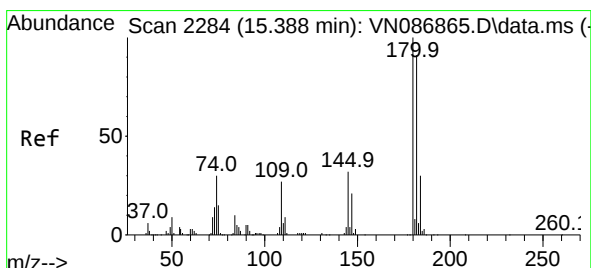
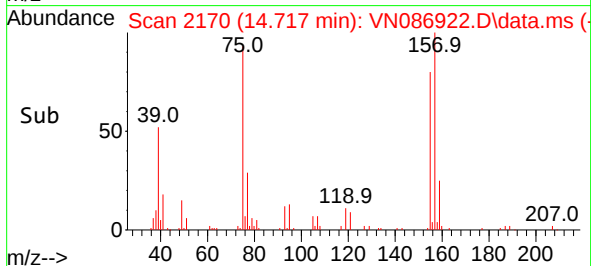
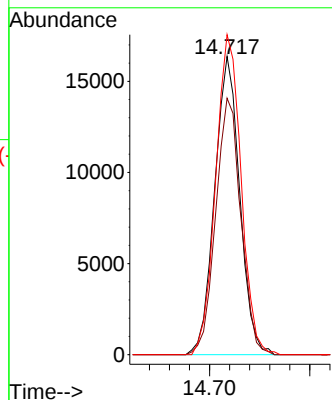
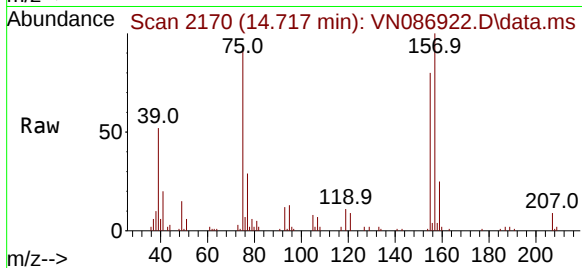
Tgt Ion: 75 Resp: 28266

Ion Ratio Lower Upper

75 100

155 86.6 41.1 123.4

157 108.9 52.7 158.1



#93

1,2,4-Trichlorobenzene

Concen: 33.503 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. -0.000 min

Lab File: VN086922.D

Acq: 10 Jun 2025 12:51

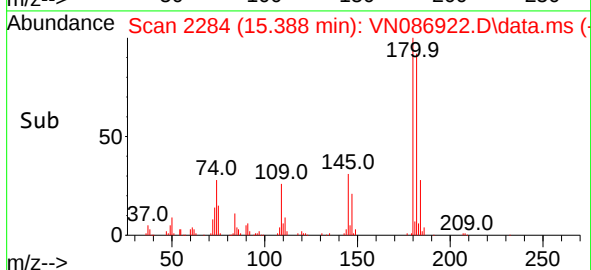
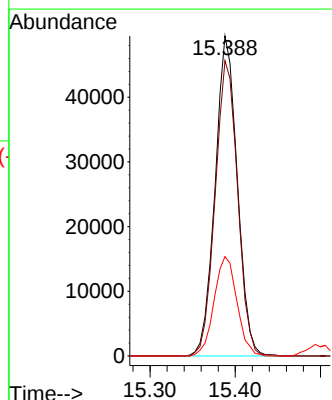
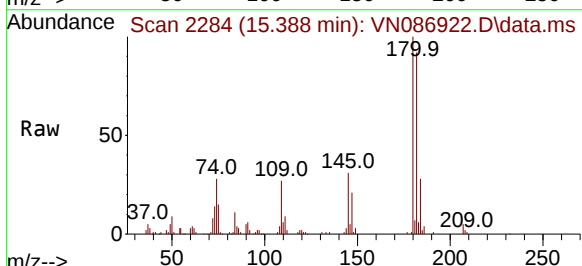
Tgt Ion: 180 Resp: 89607

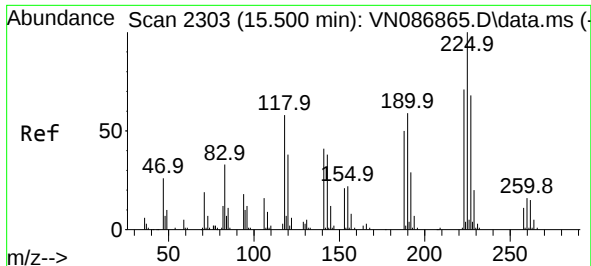
Ion Ratio Lower Upper

180 100

182 93.1 46.9 140.7

145 32.0 16.0 47.9

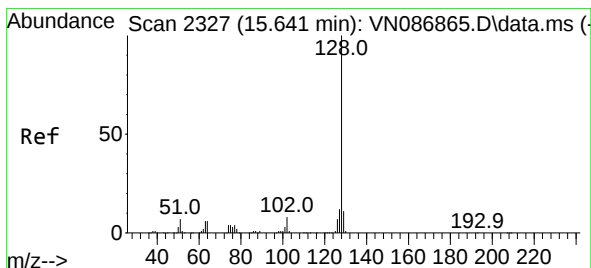
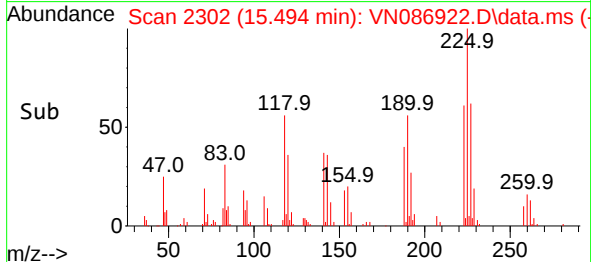
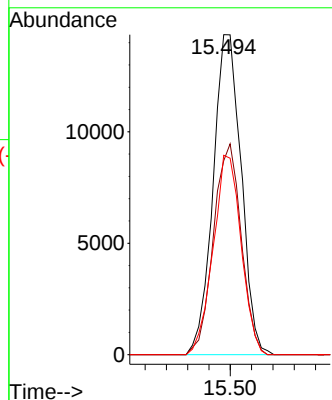
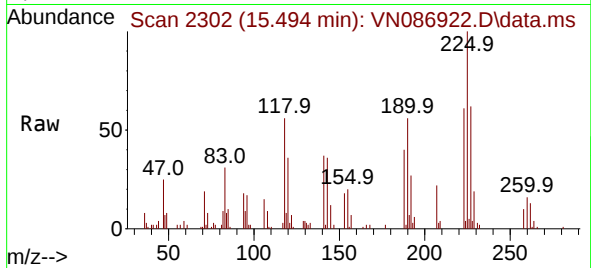




#94
Hexachlorobutadiene
Concen: 26.343 ug/l
RT: 15.494 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN086922.D
Acq: 10 Jun 2025 12:51

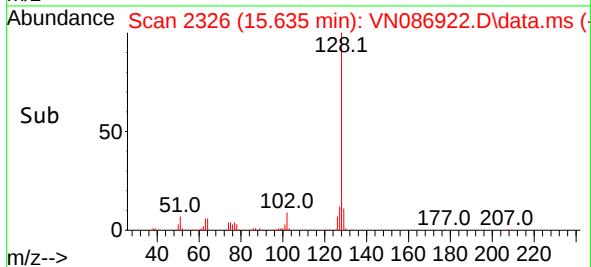
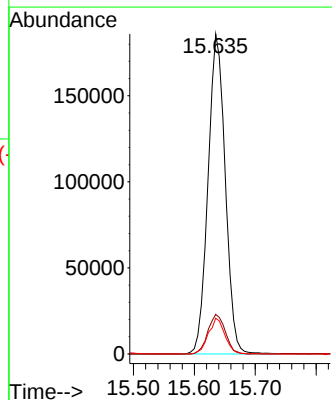
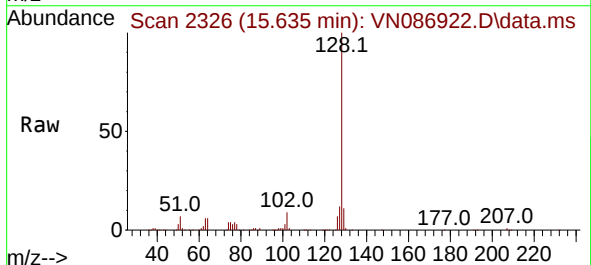
Instrument :
MSVOA_N
ClientSampleId :
MW-11A-13.5-060525MS

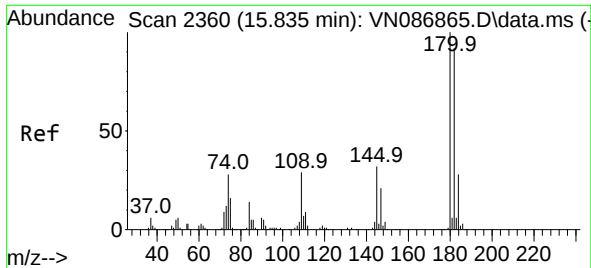
Tgt Ion:225 Resp: 26250
Ion Ratio Lower Upper
225 100
223 65.2 33.5 100.4
227 62.1 31.1 93.5



#95
Naphthalene
Concen: 36.684 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.006 min
Lab File: VN086922.D
Acq: 10 Jun 2025 12:51

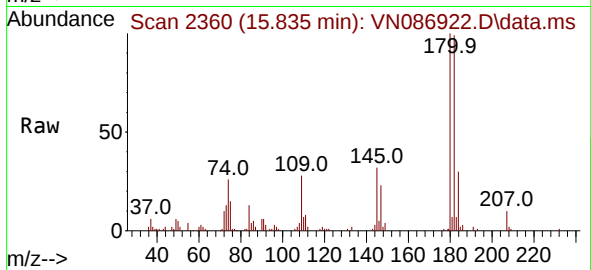
Tgt Ion:128 Resp: 365200
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.2
129 10.6 8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 32.053 ug/l
 RT: 15.835 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN086922.D
 Acq: 10 Jun 2025 12:51

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-11A-13.5-060525MS



Tgt Ion:	180	Resp:	85176
Ion Ratio	Lower	Upper	
180	100		
182	94.7	47.0	141.0
145	33.4	16.6	49.8

