

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032525\
 Data File : VN086094.D
 Acq On : 25 Mar 2025 12:39
 Operator : JC\MD
 Sample : VN0325WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0325WBS01

Quant Time: Mar 26 03:14:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	200228	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	324541	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	286017	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	139430	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	142002	51.791	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.580%	
35) Dibromofluoromethane	8.165	113	120271	53.094	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.180%	
50) Toluene-d8	10.565	98	442829	53.864	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.720%	
62) 4-Bromofluorobenzene	12.847	95	153130	52.228	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 104.460%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	47142	17.771	ug/l	95
3) Chloromethane	2.359	50	48855	21.008	ug/l	98
4) Vinyl Chloride	2.512	62	49320	20.742	ug/l	97
5) Bromomethane	2.953	94	33206	20.502	ug/l	97
6) Chloroethane	3.118	64	32333	21.555	ug/l	100
7) Trichlorofluoromethane	3.500	101	77528	18.138	ug/l	97
8) Diethyl Ether	3.959	74	27412	20.949	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.371	101	44637	19.649	ug/l	99
10) Methyl Iodide	4.589	142	59970	20.259	ug/l	98
11) Tert butyl alcohol	5.524	59	38186	98.369	ug/l	97
12) 1,1-Dichloroethene	4.347	96	42182	20.563	ug/l	94
13) Acrolein	4.177	56	40579	98.008	ug/l	92
14) Allyl chloride	5.024	41	51338	20.061	ug/l	95
15) Acrylonitrile	5.718	53	115003	112.175	ug/l	98
16) Acetone	4.430	43	85053	101.538	ug/l	95
17) Carbon Disulfide	4.712	76	117769	17.457	ug/l	100
18) Methyl Acetate	5.018	43	52186	25.180	ug/l	96
19) Methyl tert-butyl Ether	5.794	73	139445	20.745	ug/l	100
20) Methylene Chloride	5.277	84	51501	21.017	ug/l	96
21) trans-1,2-Dichloroethene	5.789	96	45243	20.182	ug/l	95
22) Diisopropyl ether	6.671	45	131002	24.022	ug/l	93
23) Vinyl Acetate	6.606	43	458741	110.965	ug/l	97
24) 1,1-Dichloroethane	6.571	63	84925	21.177	ug/l	97
25) 2-Butanone	7.483	43	132339	109.491	ug/l	96
26) 2,2-Dichloropropane	7.483	77	69919	18.110	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	53672	21.069	ug/l	99
28) Bromochloromethane	7.812	49	40743	23.980	ug/l	96
29) Tetrahydrofuran	7.835	42	90039	120.665	ug/l	94
30) Chloroform	7.965	83	90288	20.369	ug/l	96
31) Cyclohexane	8.259	56	66371	19.428	ug/l	93
32) 1,1,1-Trichloroethane	8.165	97	80624	19.215	ug/l	97
36) 1,1-Dichloropropene	8.371	75	59099	19.813	ug/l	99
37) Ethyl Acetate	7.559	43	55825	22.184	ug/l	98
38) Carbon Tetrachloride	8.359	117	72887	18.585	ug/l	98
39) Methylcyclohexane	9.600	83	55931	18.900	ug/l	99
40) Benzene	8.606	78	194385	20.760	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	28779	23.951	ug/l	94
42) 1,2-Dichloroethane	8.671	62	65677	20.130	ug/l	99
43) Isopropyl Acetate	8.688	43	94173	17.270	ug/l	96
44) Trichloroethene	9.347	130	45300	18.666	ug/l	98
45) 1,2-Dichloropropane	9.618	63	48492	22.769	ug/l	96
46) Dibromomethane	9.706	93	34741	20.742	ug/l	98
47) Bromodichloromethane	9.888	83	72524	20.719	ug/l	97
48) Methyl methacrylate	9.682	41	39343	21.864	ug/l	97
49) 1,4-Dioxane	9.688	88	19360	455.133	ug/l	93
51) 4-Methyl-2-Pentanone	10.441	43	285096	118.550	ug/l	97
52) Toluene	10.629	92	123085	21.417	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	70052	20.607	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	74599	20.799	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	48046	21.904	ug/l	97
56) Ethyl methacrylate	10.871	69	65070	21.540	ug/l	96
57) 1,3-Dichloropropane	11.159	76	80267	21.545	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	138859	119.962	ug/l	99
59) 2-Hexanone	11.194	43	202492	115.583	ug/l	96
60) Dibromochloromethane	11.359	129	58978	20.837	ug/l	99
61) 1,2-Dibromoethane	11.465	107	46988	20.866	ug/l	95
64) Tetrachloroethene	11.100	164	45834	20.089	ug/l	96
65) Chlorobenzene	11.888	112	130241	19.900	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	50560	20.781	ug/l	100
67) Ethyl Benzene	11.959	91	210052	20.064	ug/l	99
68) m/p-Xylenes	12.070	106	169254	41.132	ug/l	98
69) o-Xylene	12.394	106	78427	20.766	ug/l	96
70) Styrene	12.412	104	134416	20.837	ug/l	98
71) Bromoform	12.576	173	40980	20.149	ug/l #	100
73) Isopropylbenzene	12.694	105	192849	20.254	ug/l	99
74) N-amyl acetate	12.494	43	70288	22.065	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	68421	21.241	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	88474	28.343	ug/l	71
77) Bromobenzene	12.976	156	52643	19.828	ug/l	97
78) n-propylbenzene	13.035	91	225748	20.938	ug/l	99
79) 2-Chlorotoluene	13.123	91	148595	20.750	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	168119	20.913	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	24866	21.060	ug/l	95
82) 4-Chlorotoluene	13.217	91	150275	20.406	ug/l	99
83) tert-Butylbenzene	13.435	119	132020	19.202	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	169874	20.951	ug/l	99
85) sec-Butylbenzene	13.612	105	183683	20.480	ug/l	100
86) p-Isopropyltoluene	13.729	119	150162	19.778	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	96274	20.117	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	93804	18.656	ug/l	98
89) n-Butylbenzene	14.053	91	112330	18.168	ug/l	99
90) Hexachloroethane	14.335	117	32697	18.664	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	91245	19.180	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12856	19.993	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	39788	16.633	ug/l	97
94) Hexachlorobutadiene	15.494	225	22756	16.397	ug/l	97
95) Naphthalene	15.641	128	113242	16.349	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	40932	18.033	ug/l	98

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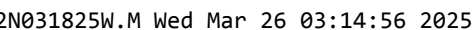
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBS01

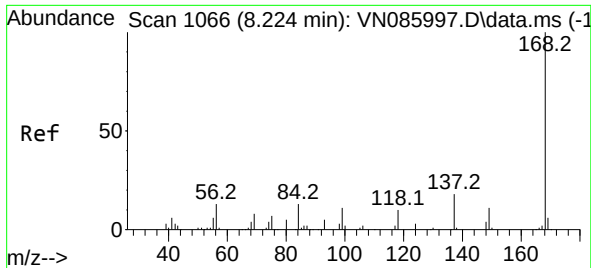
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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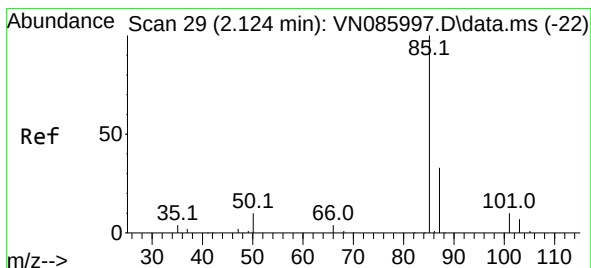
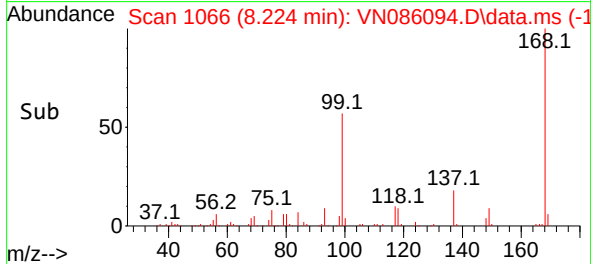
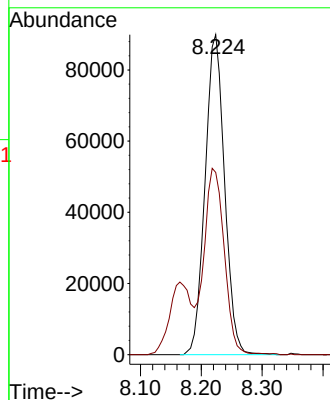
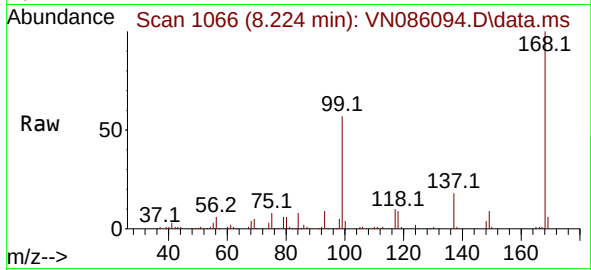




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086094.D
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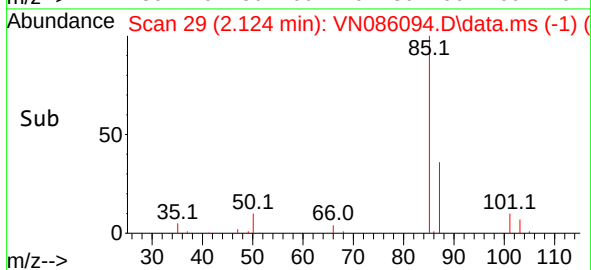
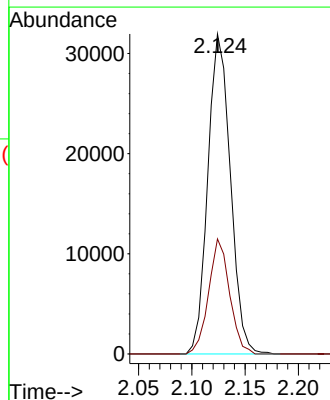
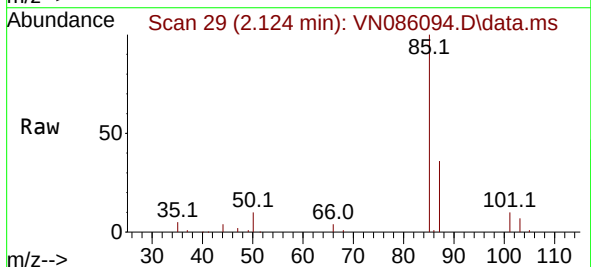
Instrument :
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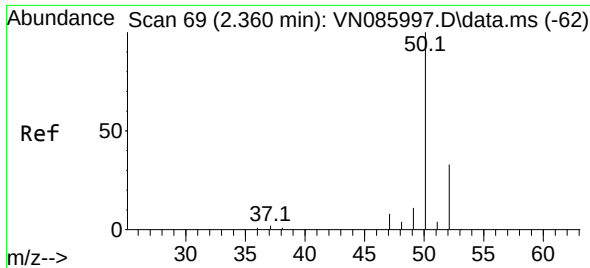
Tgt Ion:168 Resp: 200228
Ion Ratio Lower Upper
168 100
99 56.9 49.4 74.2



#2
Dichlorodifluoromethane
Concen: 17.771 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086094.D
Acq: 25 Mar 2025 12:39

Tgt Ion: 85 Resp: 47142
Ion Ratio Lower Upper
85 100
87 36.0 16.5 49.5

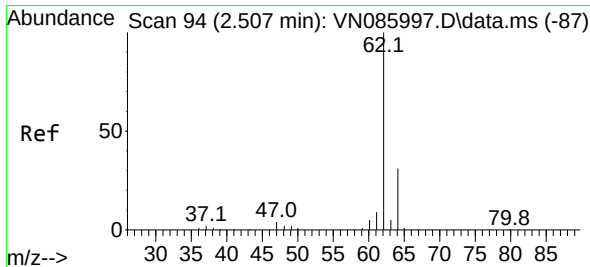
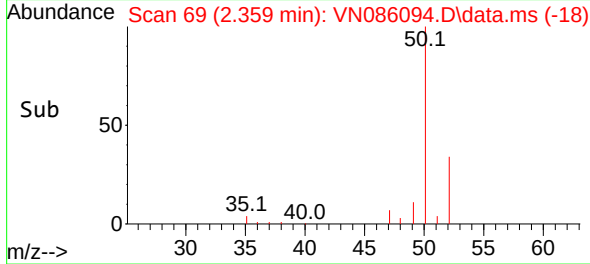
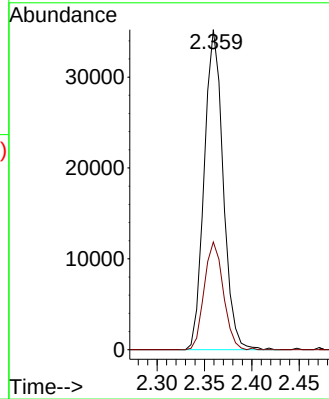
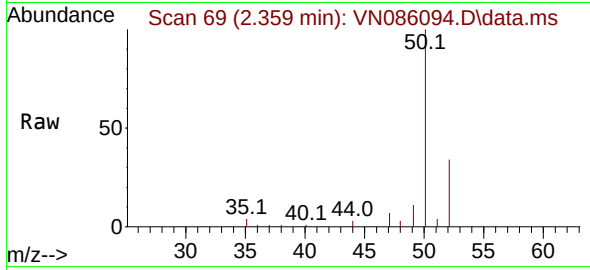




#3
Chloromethane
Concen: 21.008 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086094.D
Acq: 25 Mar 2025 12:39

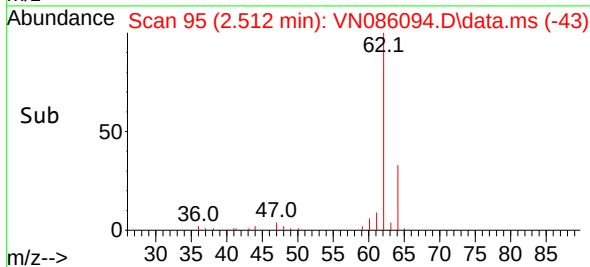
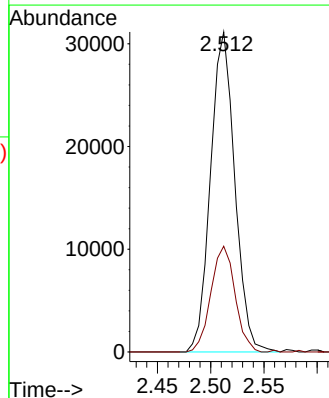
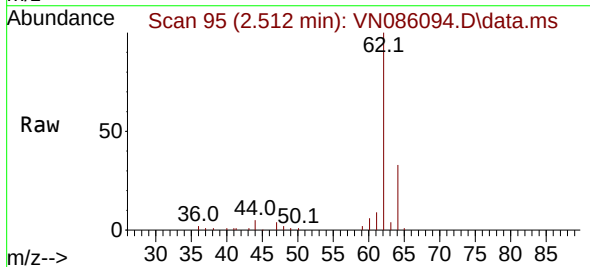
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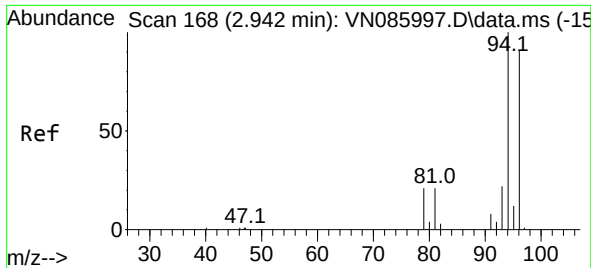
Tgt Ion: 50 Resp: 48855
Ion Ratio Lower Upper
50 100
52 33.7 26.0 39.0



#4
Vinyl Chloride
Concen: 20.742 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.006 min
Lab File: VN086094.D
Acq: 25 Mar 2025 12:39

Tgt Ion: 62 Resp: 49320
Ion Ratio Lower Upper
62 100
64 33.1 25.2 37.8

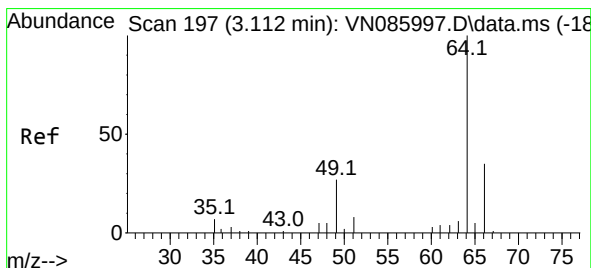
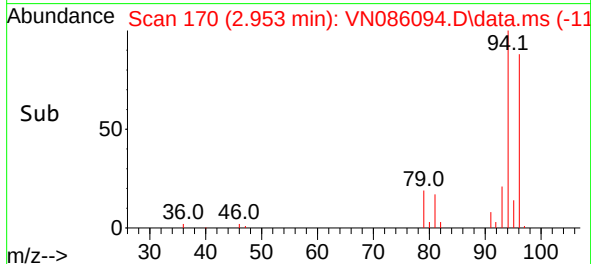
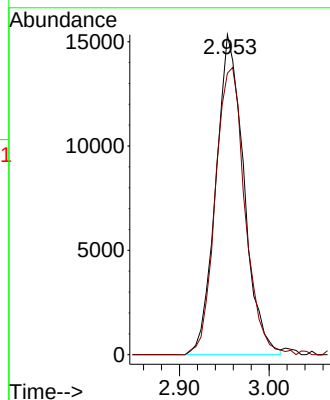
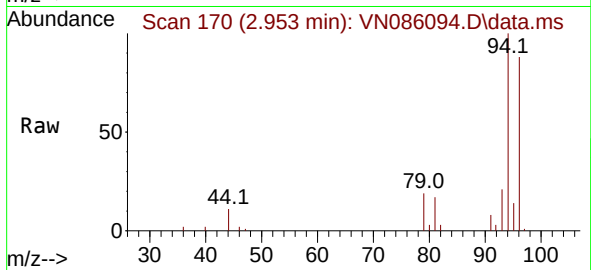




#5
Bromomethane
Concen: 20.502 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN086094.D
Acq: 25 Mar 2025 12:39

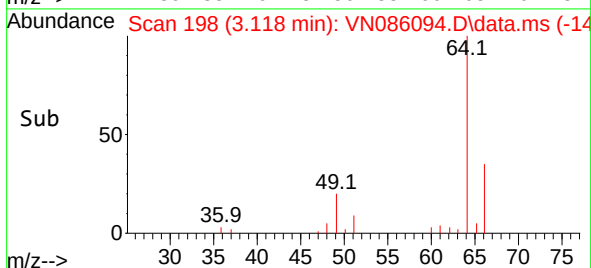
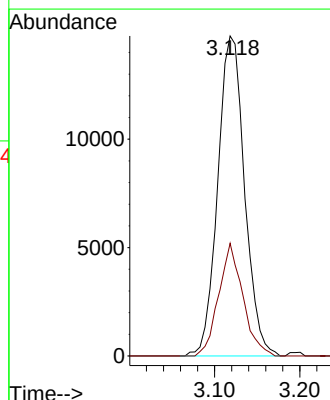
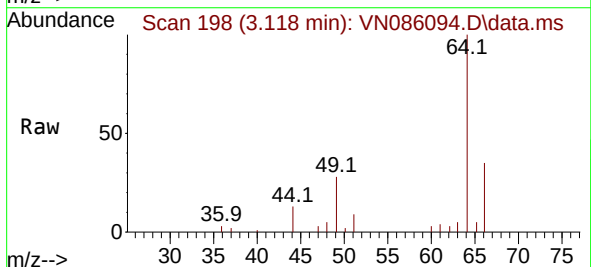
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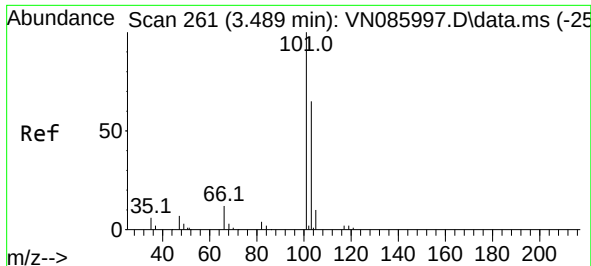
Tgt Ion: 94 Resp: 33206
Ion Ratio Lower Upper
94 100
96 87.9 72.8 109.2



#6
Chloroethane
Concen: 21.555 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN086094.D
Acq: 25 Mar 2025 12:39

Tgt Ion: 64 Resp: 32333
Ion Ratio Lower Upper
64 100
66 35.2 28.3 42.5

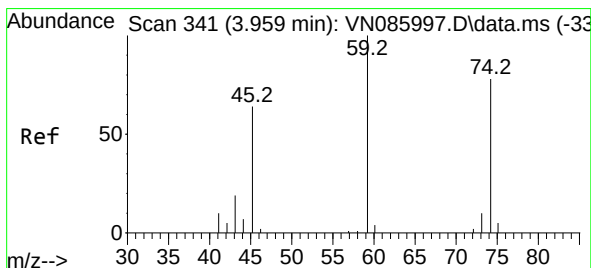
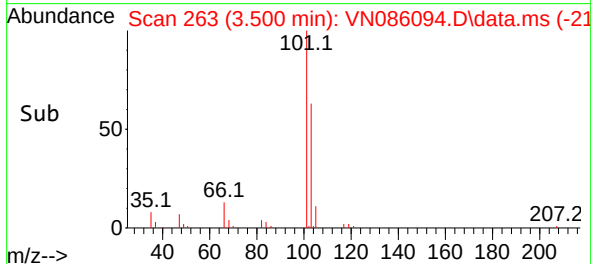
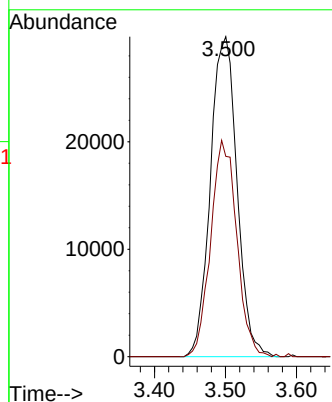
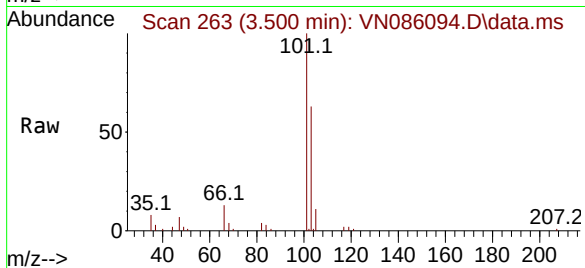




#7
Trichlorofluoromethane
Concen: 18.138 ug/l
RT: 3.500 min Scan# 261
Delta R.T. 0.012 min
Lab File: VN086094.D
Acq: 25 Mar 2025 12:39

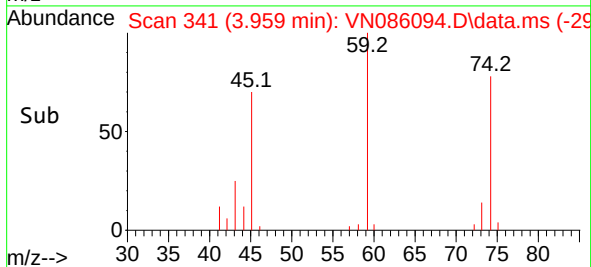
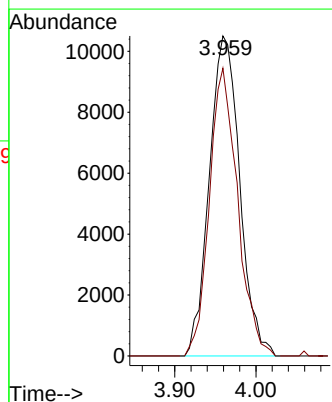
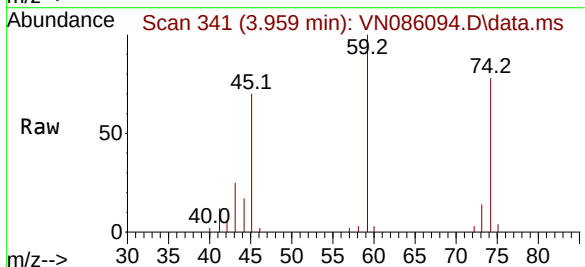
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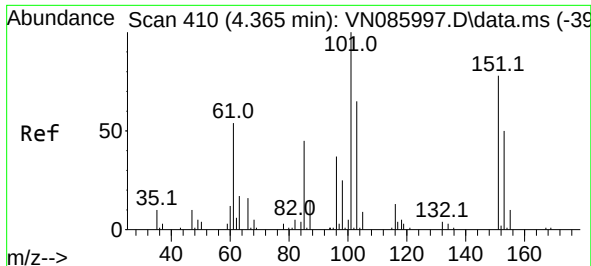
Tgt Ion:101 Resp: 77528
Ion Ratio Lower Upper
101 100
103 62.6 51.7 77.5



#8
Diethyl Ether
Concen: 20.949 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN086094.D
Acq: 25 Mar 2025 12:39

Tgt Ion: 74 Resp: 27412
Ion Ratio Lower Upper
74 100
45 83.2 38.0 113.9

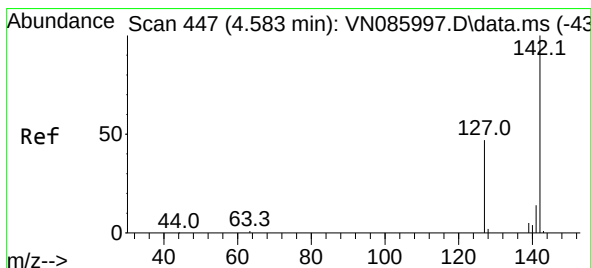
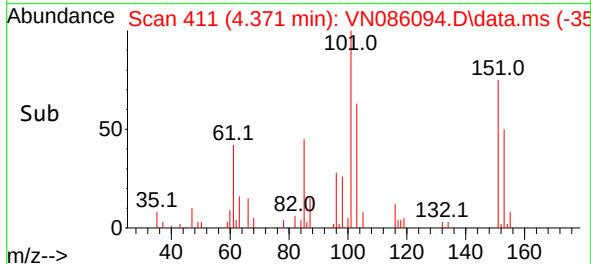
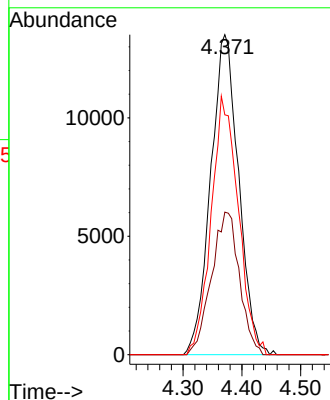
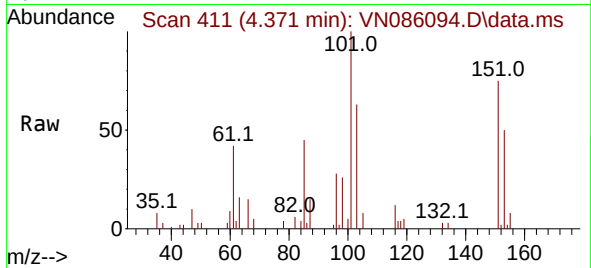




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.649 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
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Acq: 25 Mar 2025 12:39

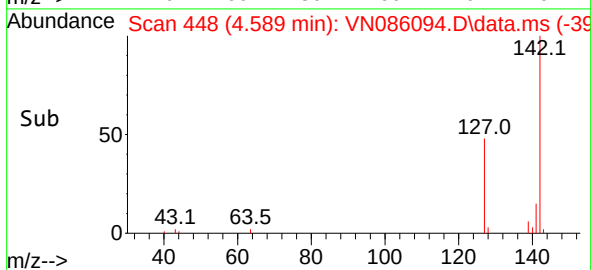
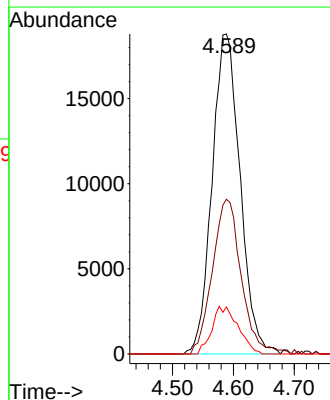
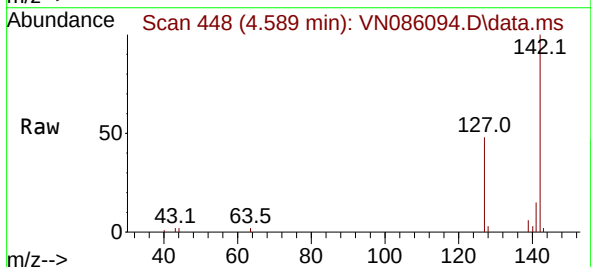
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBS01

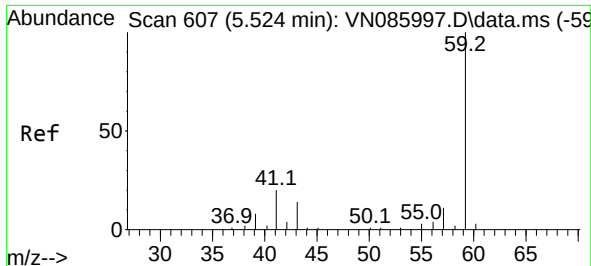
Tgt Ion:101 Resp: 44637
Ion Ratio Lower Upper
101 100
85 44.6 36.5 54.7
151 78.1 63.4 95.0



#10
Methyl Iodide
Concen: 20.259 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN086094.D
Acq: 25 Mar 2025 12:39

Tgt Ion:142 Resp: 59970
Ion Ratio Lower Upper
142 100
127 48.4 37.5 56.3
141 14.7 11.0 16.6

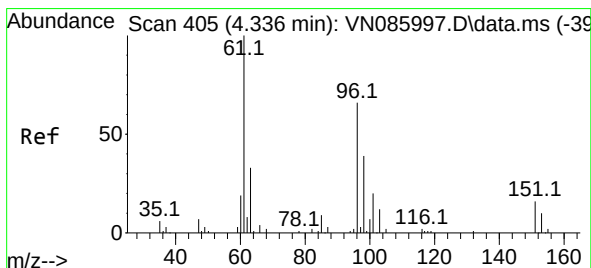
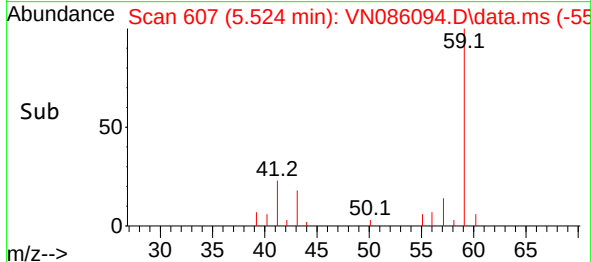
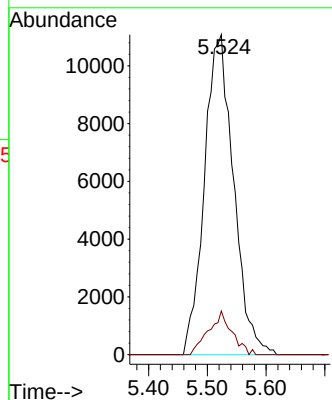
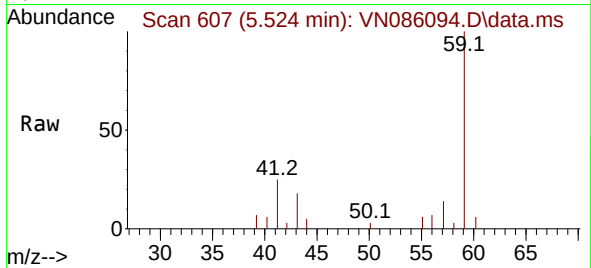




#11
Tert butyl alcohol
Concen: 98.369 ug/l
RT: 5.524 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN086094.D
Acq: 25 Mar 2025 12:39

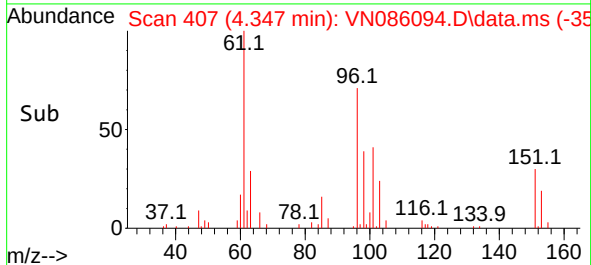
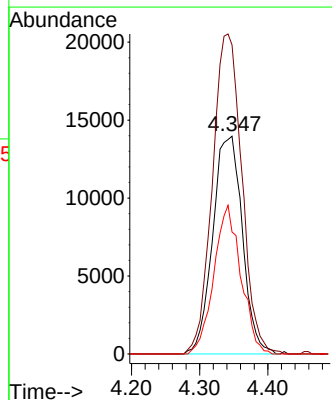
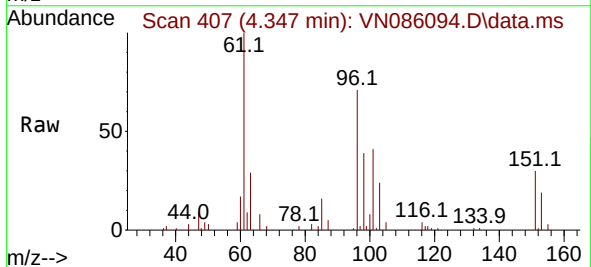
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBS01

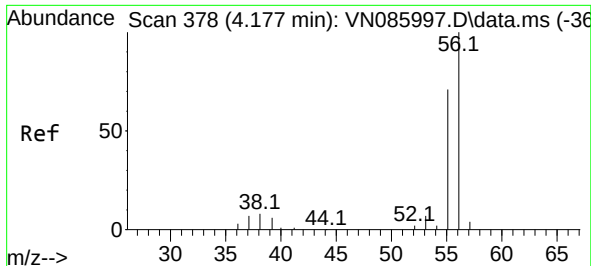
Tgt Ion: 59 Resp: 38186
Ion Ratio Lower Upper
59 100
57 10.9 7.9 11.9



#12
1,1-Dichloroethene
Concen: 20.563 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.012 min
Lab File: VN086094.D
Acq: 25 Mar 2025 12:39

Tgt Ion: 96 Resp: 42182
Ion Ratio Lower Upper
96 100
61 141.8 120.5 180.7
98 56.0 47.4 71.0





#13

Acrolein

Concen: 98.008 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN086094.D

Acq: 25 Mar 2025 12:39

Instrument :

MSVOA_N

ClientSampleId :

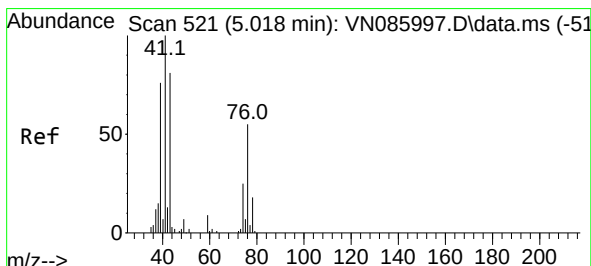
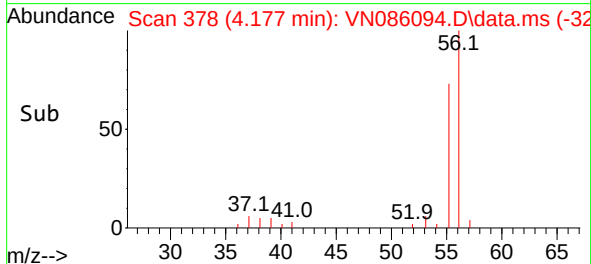
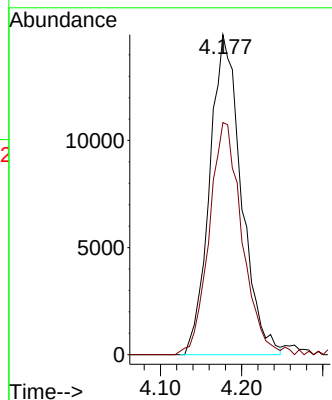
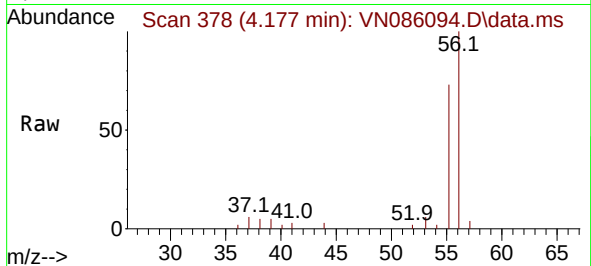
VN0325WBS01

Tgt Ion: 56 Resp: 40579

Ion Ratio Lower Upper

56 100

55 75.0 55.1 82.7



#14

Allyl chloride

Concen: 20.061 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN086094.D

Acq: 25 Mar 2025 12:39

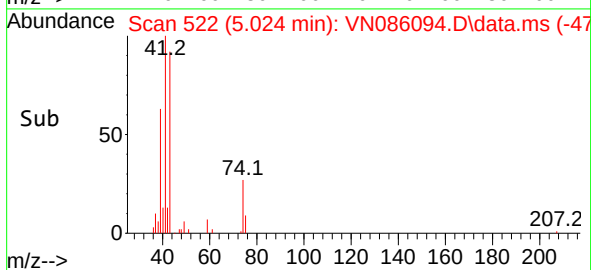
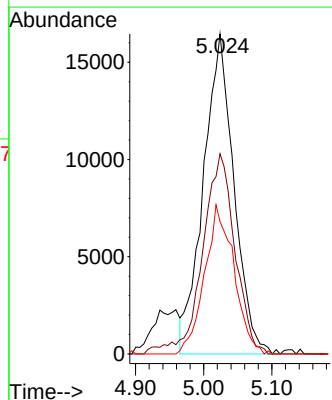
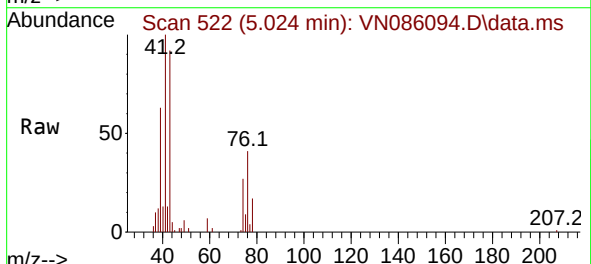
Tgt Ion: 41 Resp: 51338

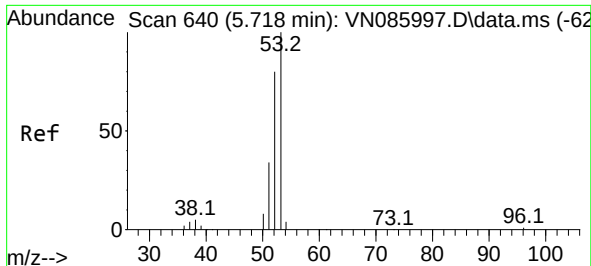
Ion Ratio Lower Upper

41 100

39 66.3 55.5 83.3

76 44.6 39.1 58.7

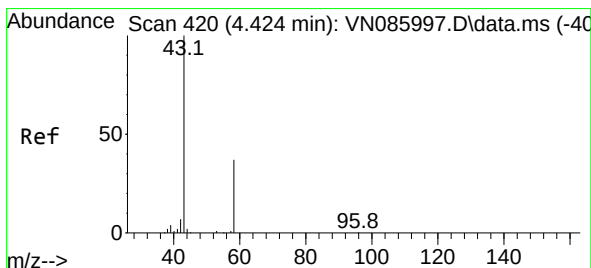
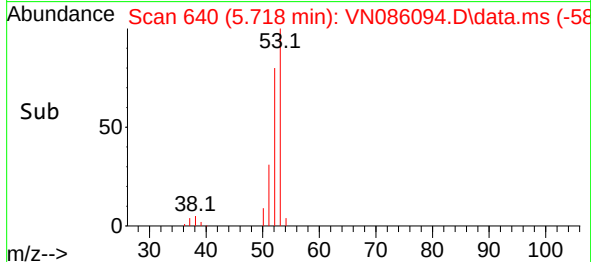
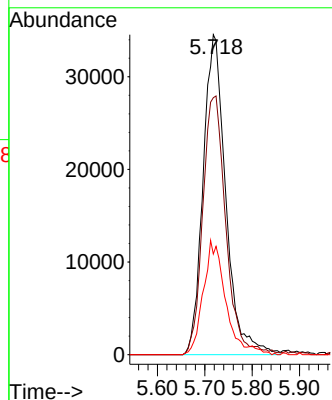
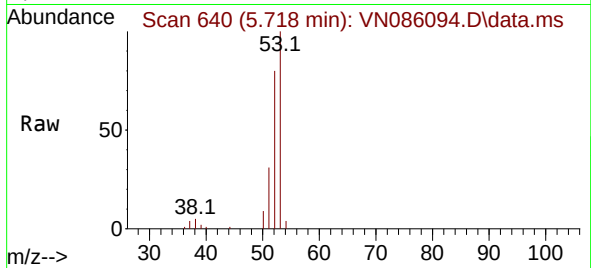




#15
Acrylonitrile
Concen: 112.175 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN086094.D
Acq: 25 Mar 2025 12:39

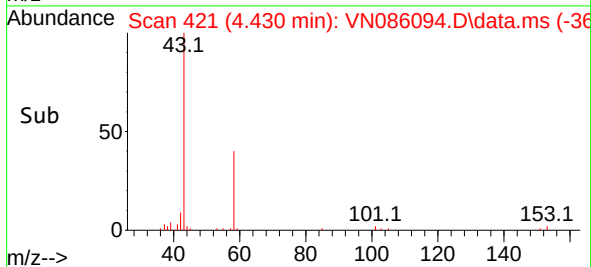
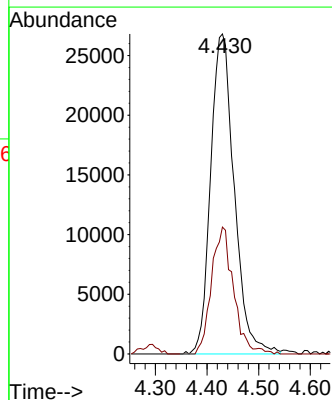
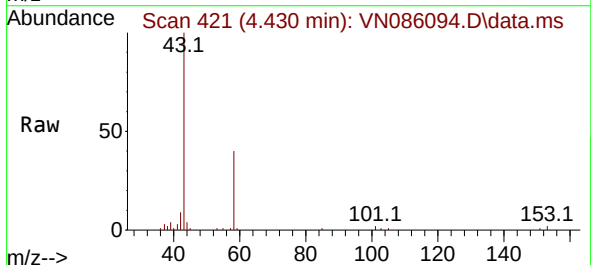
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBS01

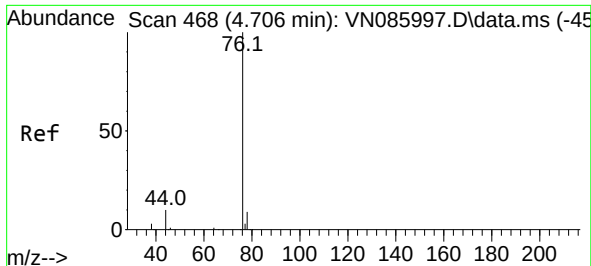
Tgt Ion: 53 Resp: 115003
Ion Ratio Lower Upper
53 100
52 82.2 63.9 95.9
51 33.9 27.1 40.7



#16
Acetone
Concen: 101.538 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086094.D
Acq: 25 Mar 2025 12:39

Tgt Ion: 43 Resp: 85053
Ion Ratio Lower Upper
43 100
58 39.7 29.4 44.2

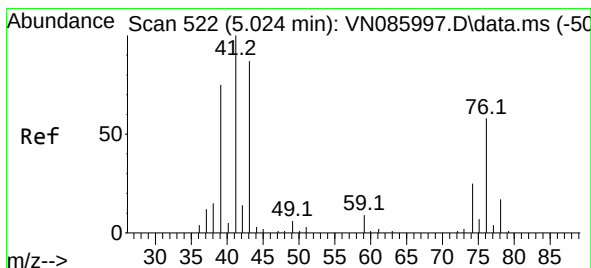
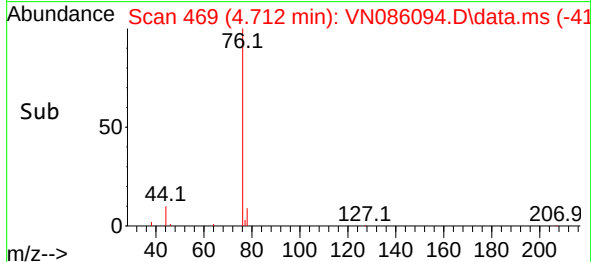
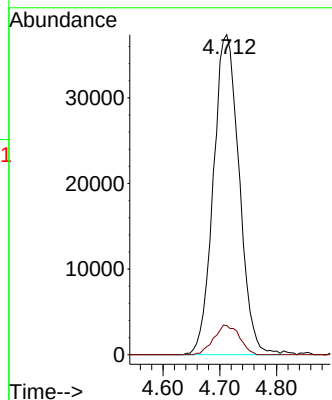
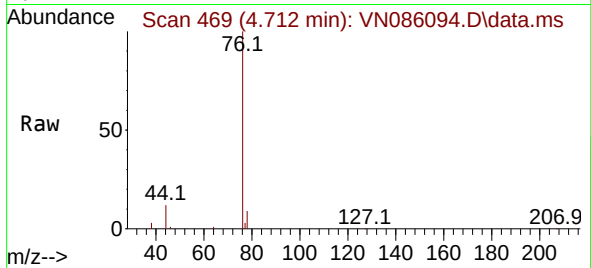




#17
Carbon Disulfide
Concen: 17.457 ug/l
RT: 4.712 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN086094.D
Acq: 25 Mar 2025 12:39

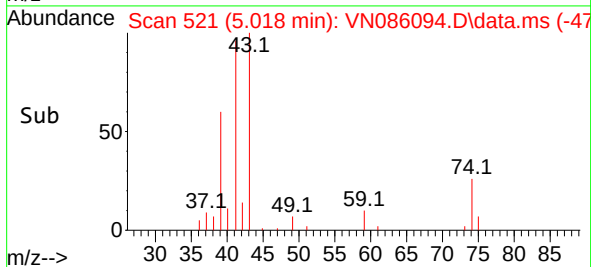
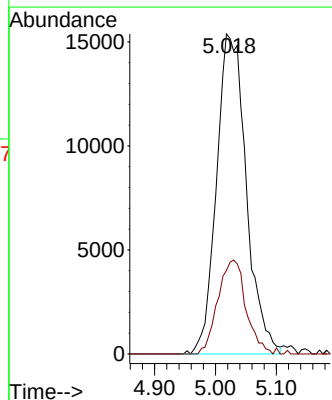
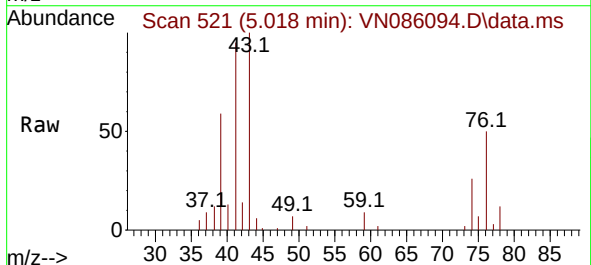
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBS01

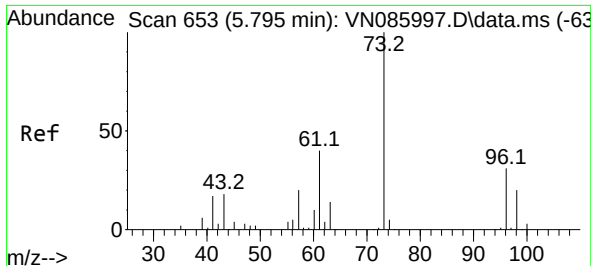
Tgt Ion: 76 Resp: 117769
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2



#18
Methyl Acetate
Concen: 25.180 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN086094.D
Acq: 25 Mar 2025 12:39

Tgt Ion: 43 Resp: 52186
Ion Ratio Lower Upper
43 100
74 27.6 23.9 35.9

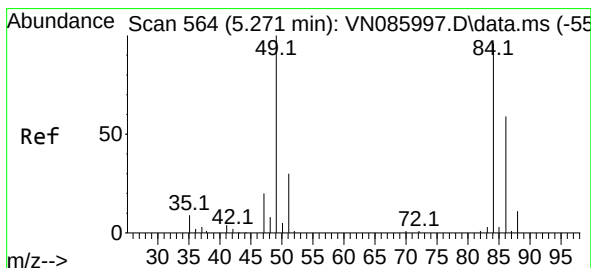
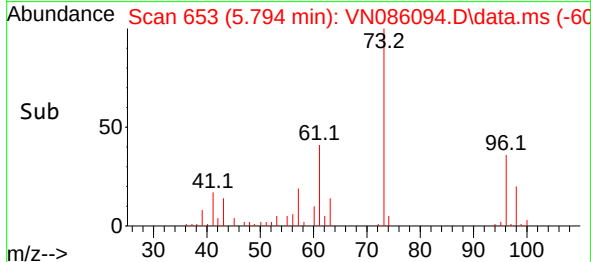
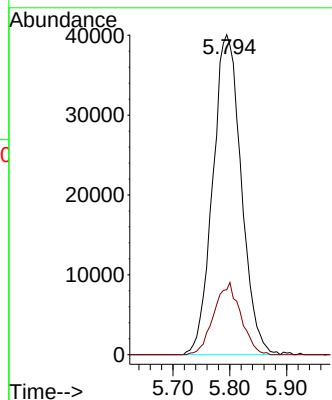
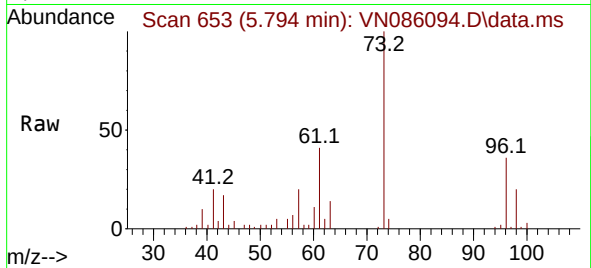




#19
Methyl tert-butyl Ether
Concen: 20.745 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086094.D
Acq: 25 Mar 2025 12:39

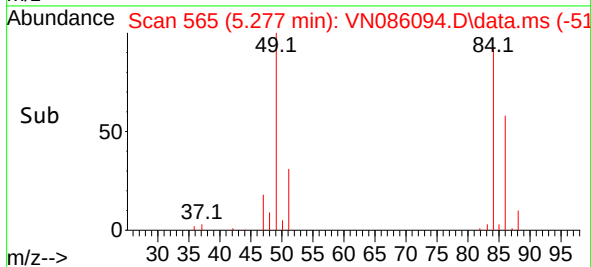
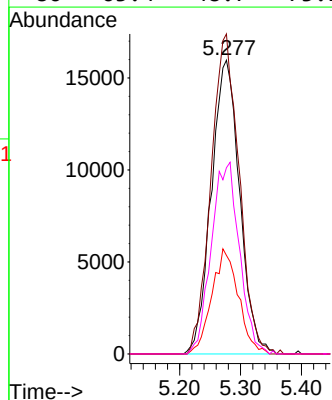
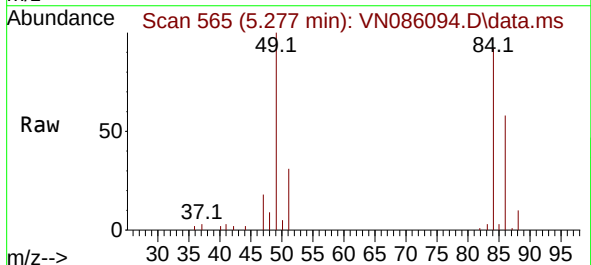
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBS01

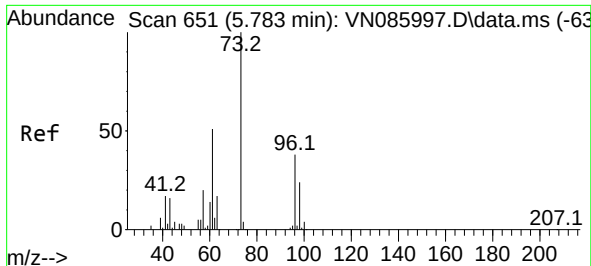
Tgt Ion: 73 Resp: 139445
Ion Ratio Lower Upper
73 100
57 20.3 16.1 24.1



#20
Methylene Chloride
Concen: 21.017 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086094.D
Acq: 25 Mar 2025 12:39

Tgt Ion: 84 Resp: 51501
Ion Ratio Lower Upper
84 100
49 109.0 83.3 124.9
51 33.6 24.8 37.2
86 63.4 48.7 73.1

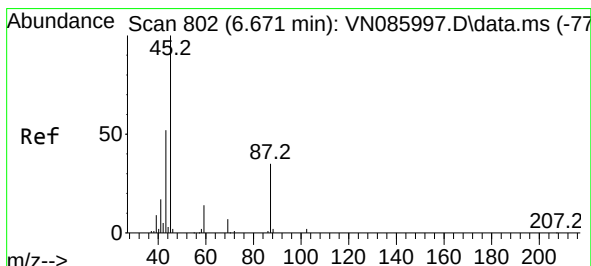
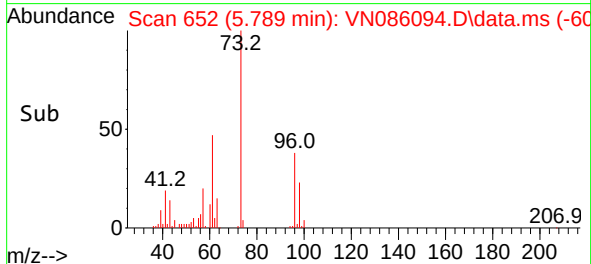
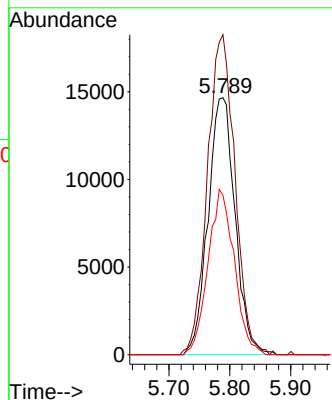
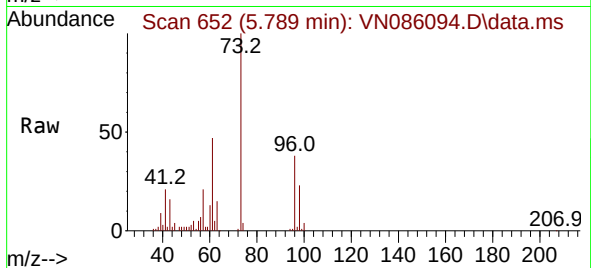




#21
trans-1,2-Dichloroethene
Concen: 20.182 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086094.D
Acq: 25 Mar 2025 12:39

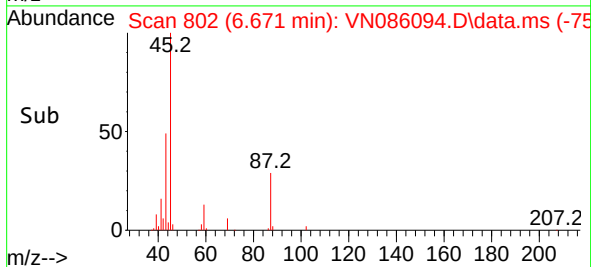
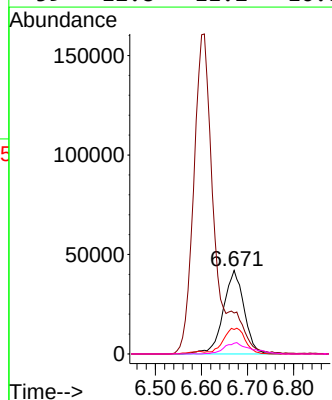
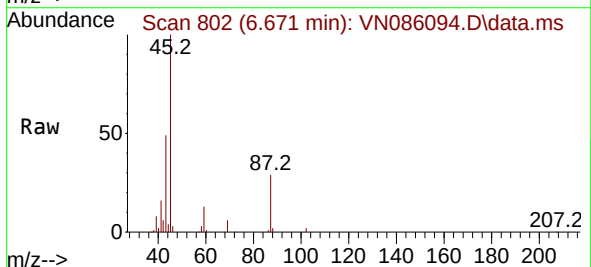
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBS01

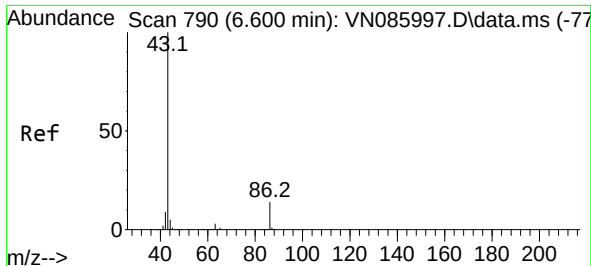
Tgt Ion: 96 Resp: 45243
Ion Ratio Lower Upper
96 100
61 124.5 106.6 160.0
98 62.0 50.0 75.0



#22
Diisopropyl ether
Concen: 24.022 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN086094.D
Acq: 25 Mar 2025 12:39

Tgt Ion: 45 Resp: 131002
Ion Ratio Lower Upper
45 100
43 47.6 41.2 61.8
87 29.3 28.5 42.7
59 12.8 11.2 16.8

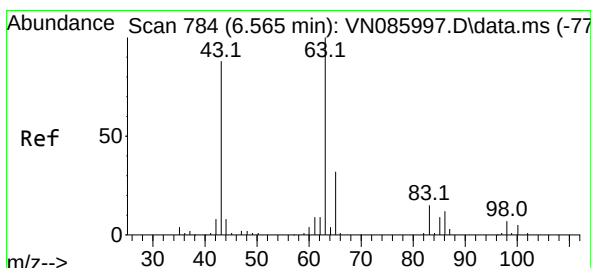
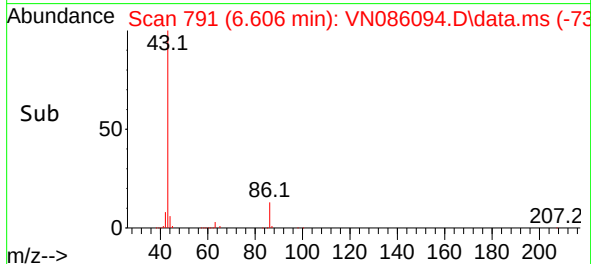
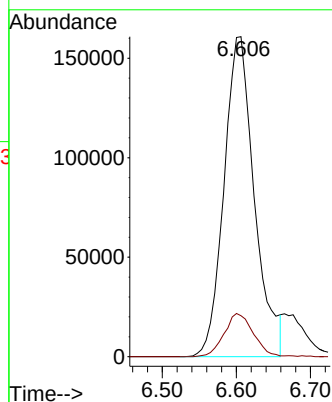
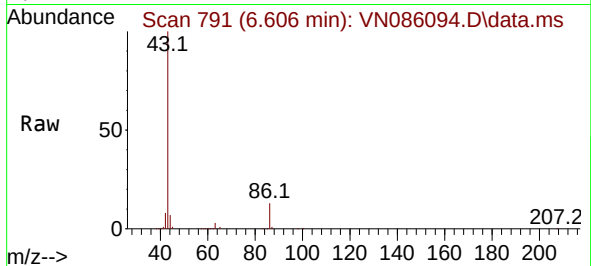




#23
 Vinyl Acetate
 Concen: 110.965 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN086094.D
 Acq: 25 Mar 2025 12:39

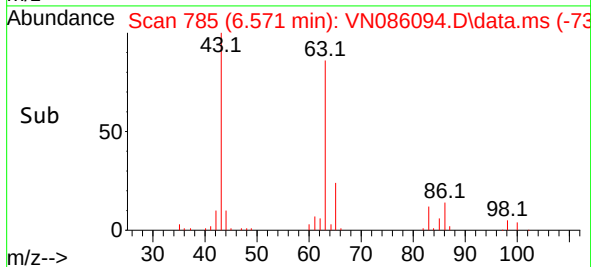
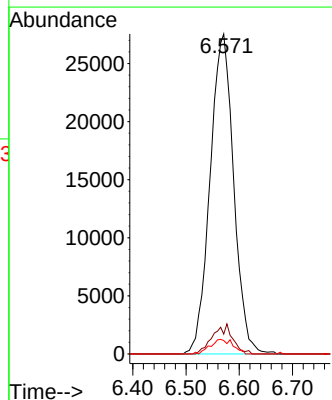
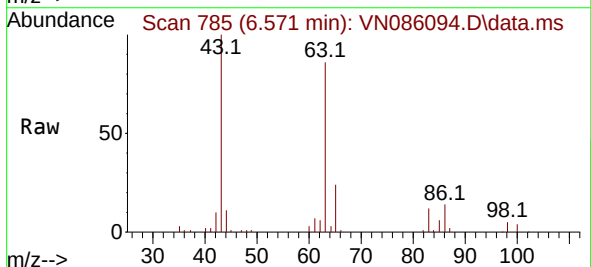
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0325WBS01

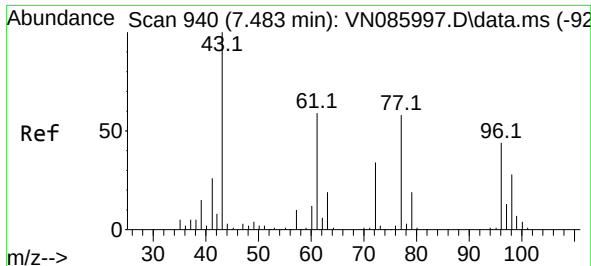
Tgt Ion: 43 Resp: 458741
 Ion Ratio Lower Upper
 43 100
 86 12.8 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 21.177 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN086094.D
 Acq: 25 Mar 2025 12:39

Tgt Ion: 63 Resp: 84925
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.6 10.9
 100 4.2 2.5 7.5

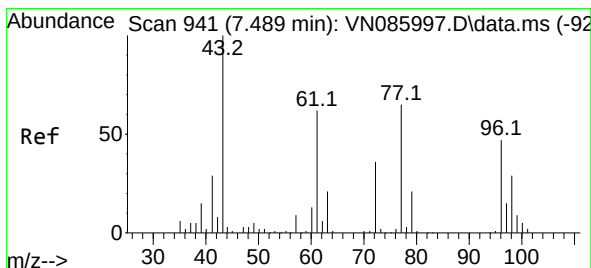
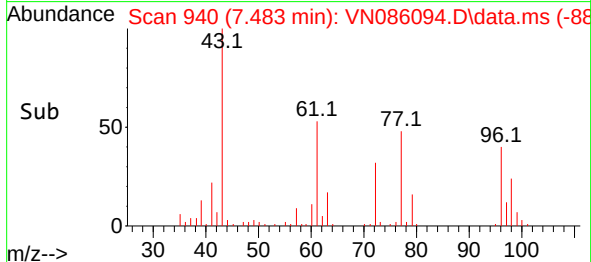
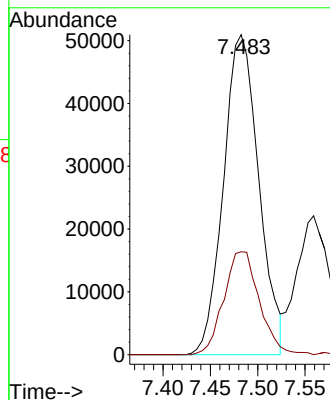
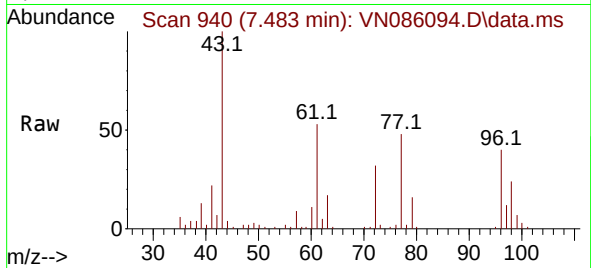




#25
2-Butanone
Concen: 109.491 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086094.D
Acq: 25 Mar 2025 12:39

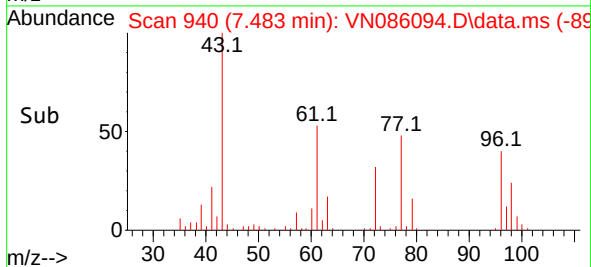
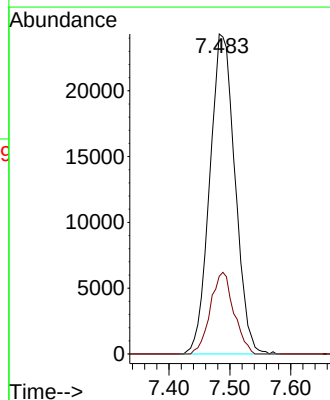
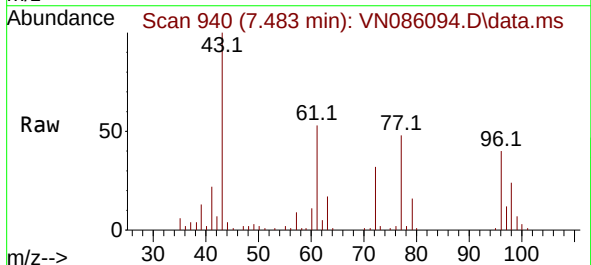
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBS01

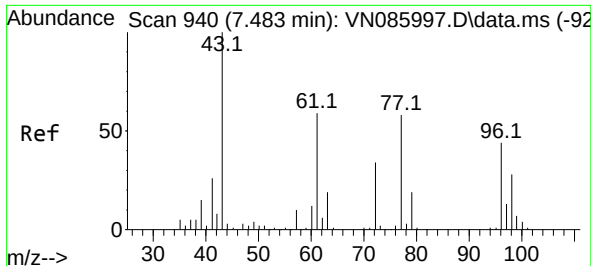
Tgt Ion: 43 Resp: 132339
Ion Ratio Lower Upper
43 100
72 32.2 27.4 41.0



#26
2,2-Dichloropropane
Concen: 18.110 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN086094.D
Acq: 25 Mar 2025 12:39

Tgt Ion: 77 Resp: 69919
Ion Ratio Lower Upper
77 100
97 23.7 11.2 33.5

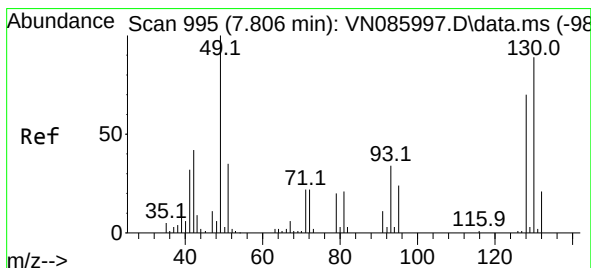
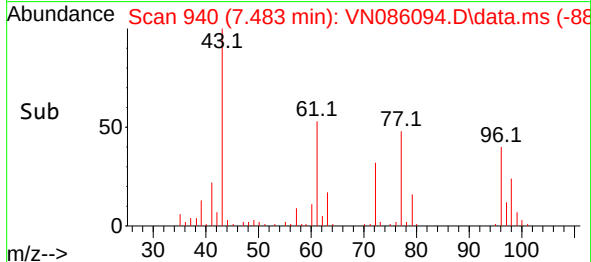
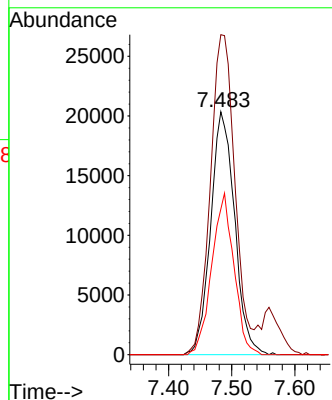
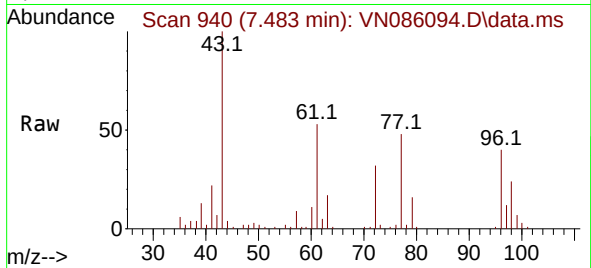




#27
 cis-1,2-Dichloroethene
 Concen: 21.069 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN086094.D
 Acq: 25 Mar 2025 12:39

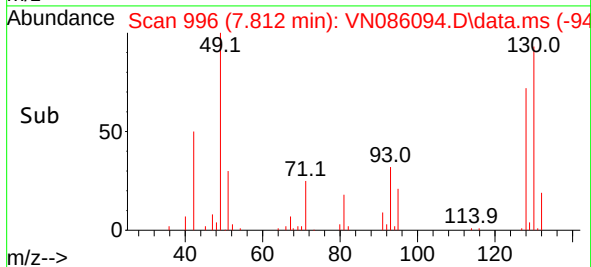
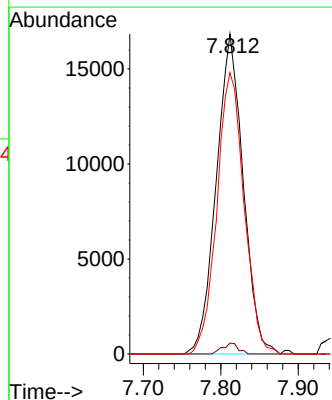
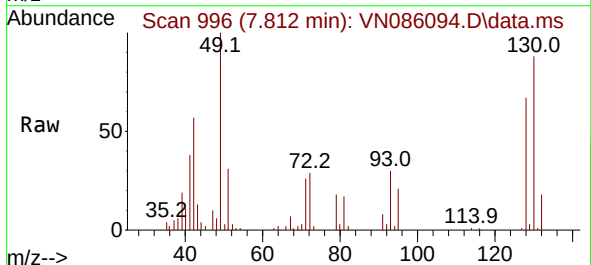
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0325WBS01

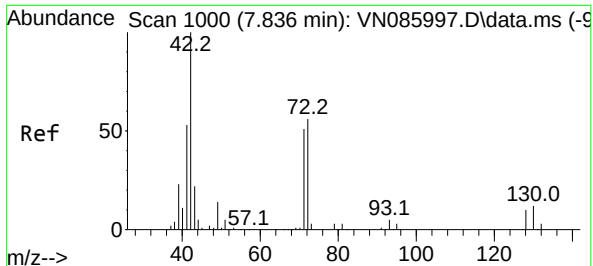
Tgt Ion: 96 Resp: 53672
 Ion Ratio Lower Upper
 96 100
 61 135.2 0.0 272.8
 98 61.5 0.0 124.8



#28
 Bromochloromethane
 Concen: 23.980 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086094.D
 Acq: 25 Mar 2025 12:39

Tgt Ion: 49 Resp: 40743
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.2
 130 88.7 74.2 111.4





#29

Tetrahydrofuran

Concen: 120.665 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086094.D

Acq: 25 Mar 2025 12:39

Instrument :

MSVOA_N

ClientSampleId :

VN0325WBS01

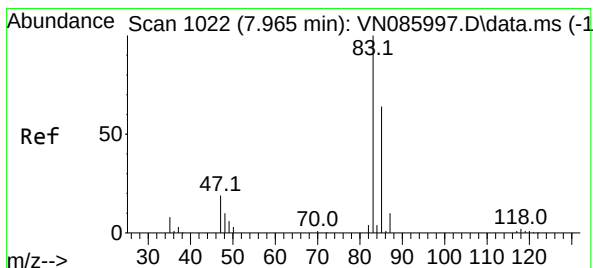
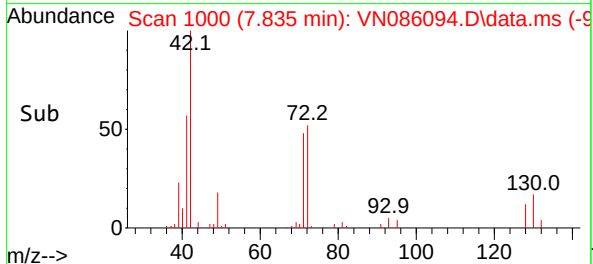
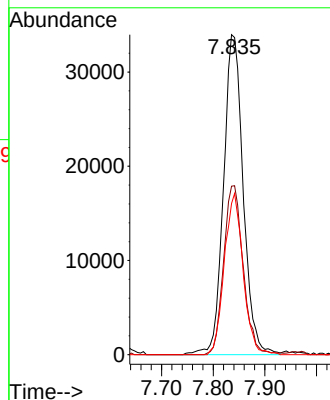
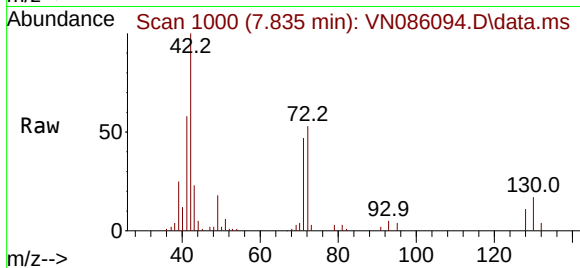
Tgt Ion: 42 Resp: 90039

Ion Ratio Lower Upper

42 100

72 52.4 45.0 67.4

71 48.1 41.9 62.9



#30

Chloroform

Concen: 20.369 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN086094.D

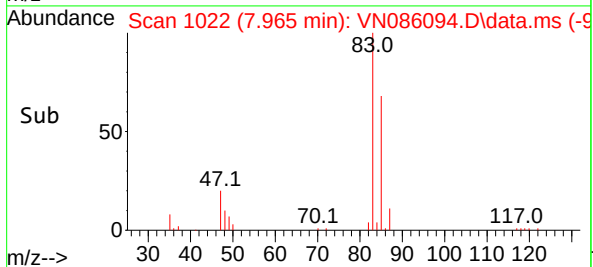
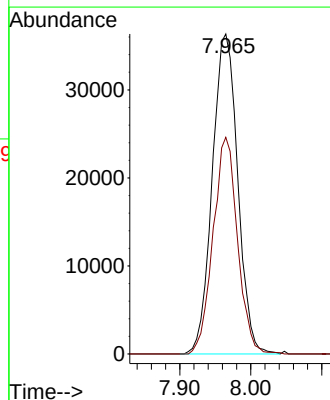
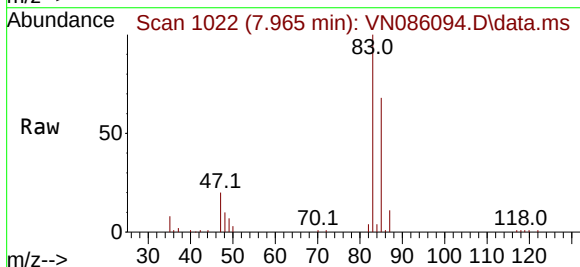
Acq: 25 Mar 2025 12:39

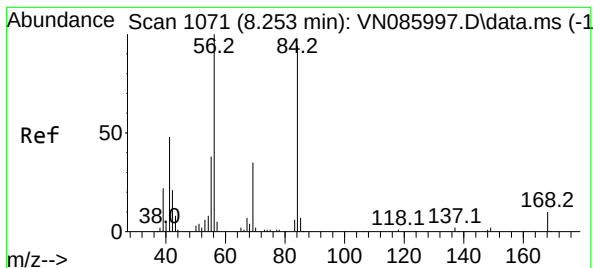
Tgt Ion: 83 Resp: 90288

Ion Ratio Lower Upper

83 100

85 67.7 51.5 77.3





#31

Cyclohexane

Concen: 19.428 ug/l

RT: 8.259 min Scan# 1071

Delta R.T. 0.006 min

Lab File: VN086094.D

Acq: 25 Mar 2025 12:39

Instrument :

MSVOA_N

ClientSampleId :

VN0325WBS01

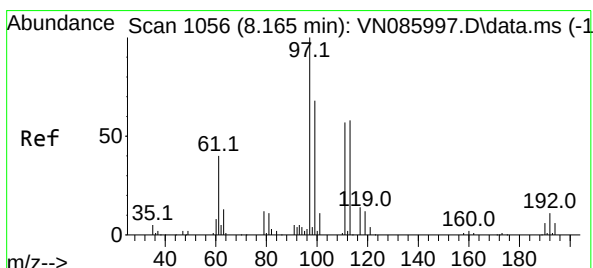
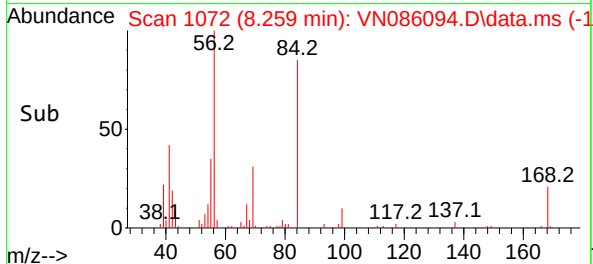
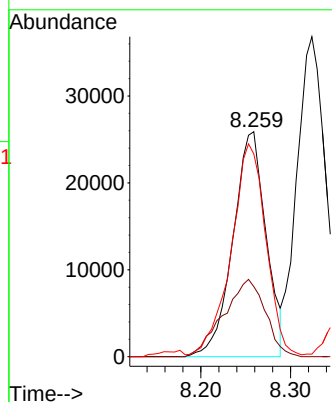
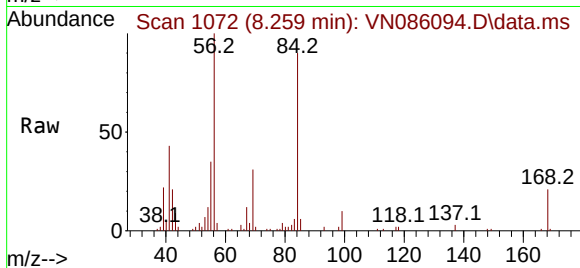
Tgt Ion: 56 Resp: 66371

Ion Ratio Lower Upper

56 100

69 31.1 28.0 42.0

84 87.3 75.0 112.6



#32

1,1,1-Trichloroethane

Concen: 19.215 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086094.D

Acq: 25 Mar 2025 12:39

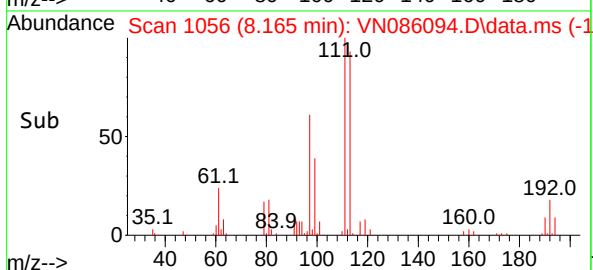
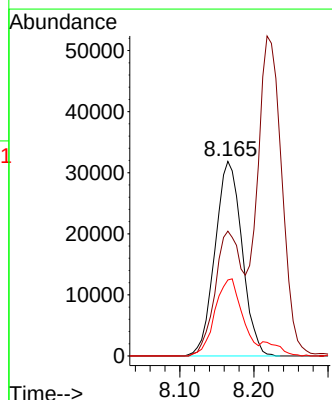
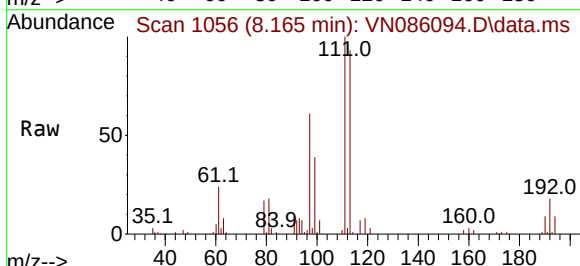
Tgt Ion: 97 Resp: 80624

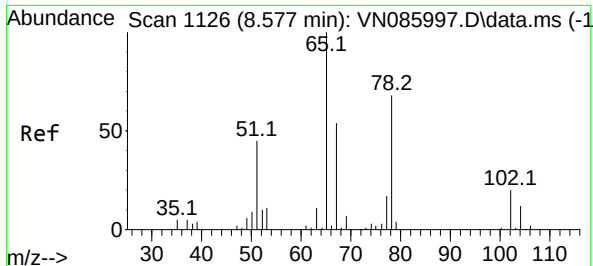
Ion Ratio Lower Upper

97 100

99 63.1 52.8 79.2

61 40.3 33.6 50.4





#33

1,2-Dichloroethane-d4

Concen: 51.791 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086094.D

Acq: 25 Mar 2025 12:39

Instrument :

MSVOA_N

ClientSampleId :

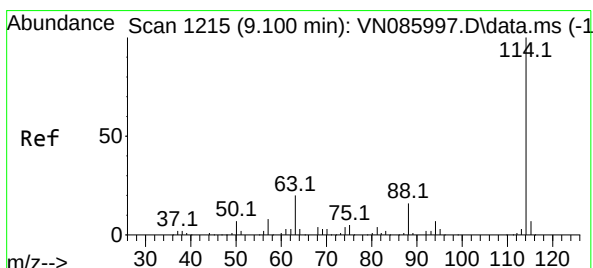
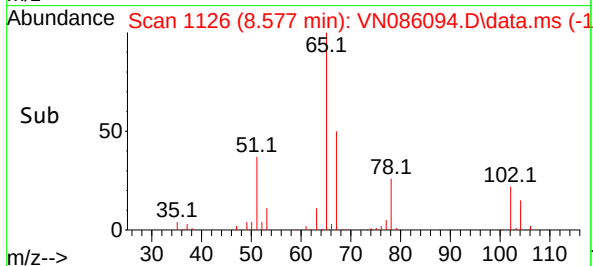
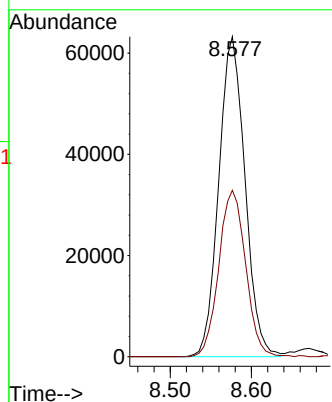
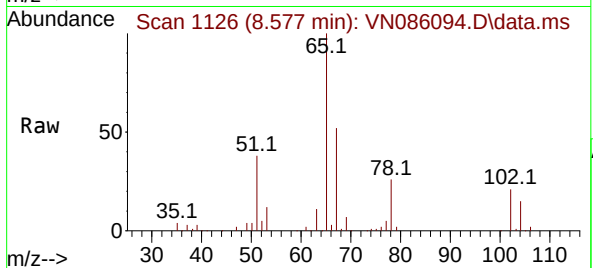
VN0325WBS01

Tgt Ion: 65 Resp: 142002

Ion Ratio Lower Upper

65 100

67 53.1 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086094.D

Acq: 25 Mar 2025 12:39

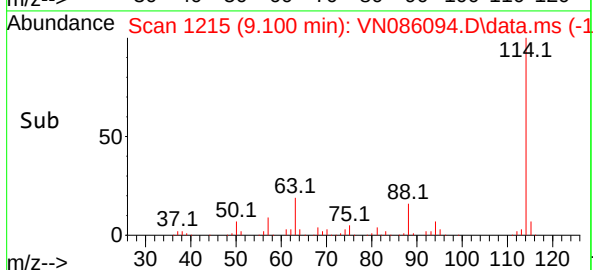
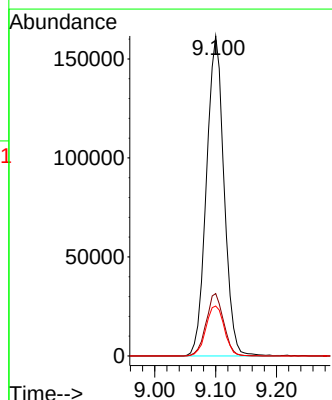
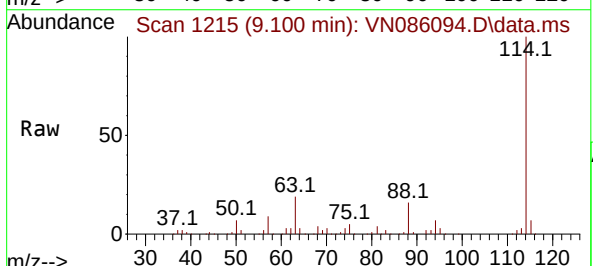
Tgt Ion: 114 Resp: 324541

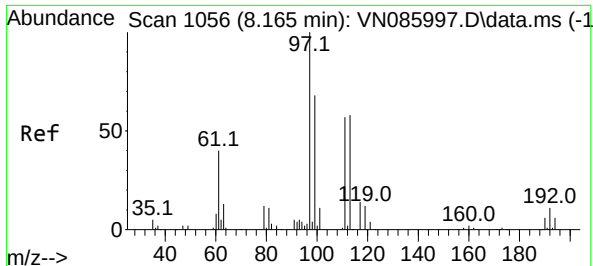
Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.6

88 15.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 53.094 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086094.D

Acq: 25 Mar 2025 12:39

Instrument :

MSVOA_N

ClientSampleId :

VN0325WBS01

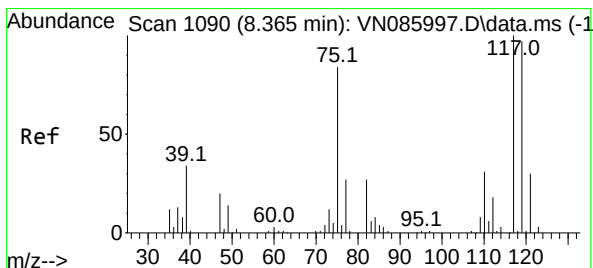
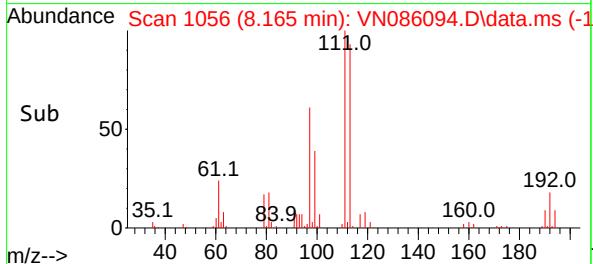
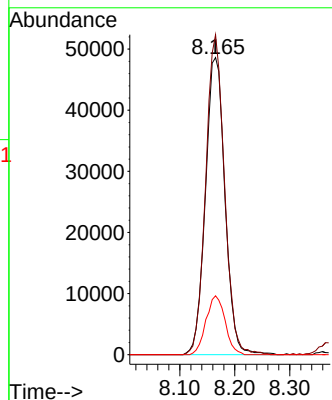
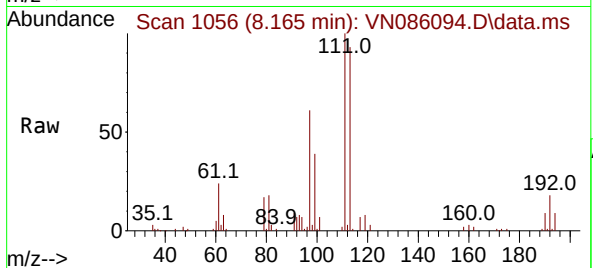
Tgt Ion:113 Resp: 120271

Ion Ratio Lower Upper

113 100

111 103.3 81.8 122.8

192 19.4 15.9 23.9



#36

1,1-Dichloropropene

Concen: 19.813 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.006 min

Lab File: VN086094.D

Acq: 25 Mar 2025 12:39

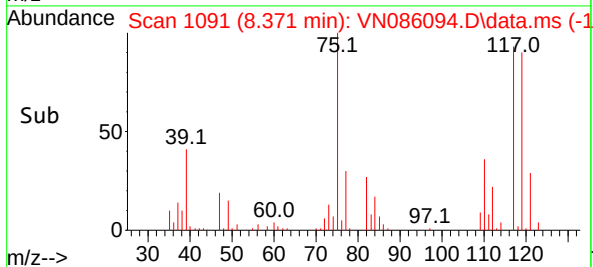
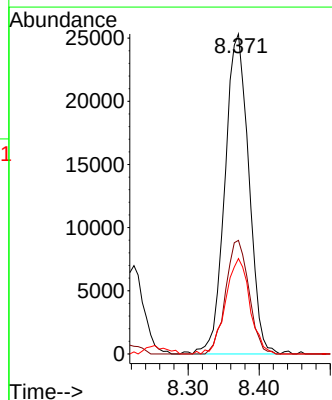
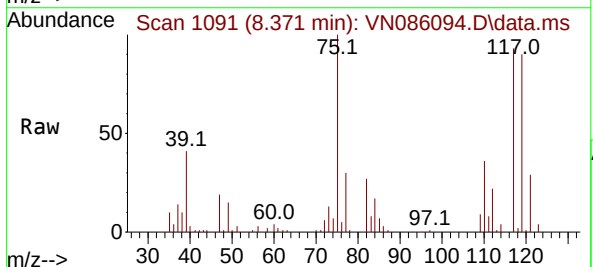
Tgt Ion: 75 Resp: 59099

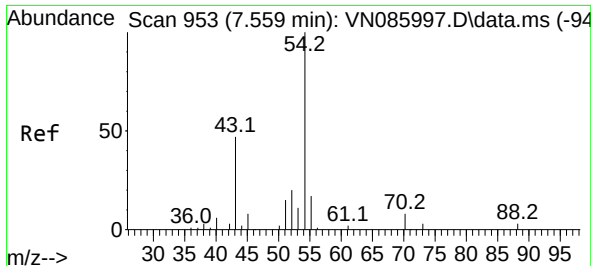
Ion Ratio Lower Upper

75 100

110 34.6 17.8 53.3

77 30.5 25.0 37.4





#37

Ethyl Acetate

Concen: 22.184 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN086094.D

Acq: 25 Mar 2025 12:39

Instrument :

MSVOA_N

ClientSampleId :

VN0325WBS01

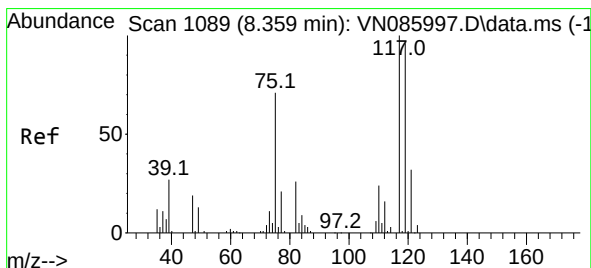
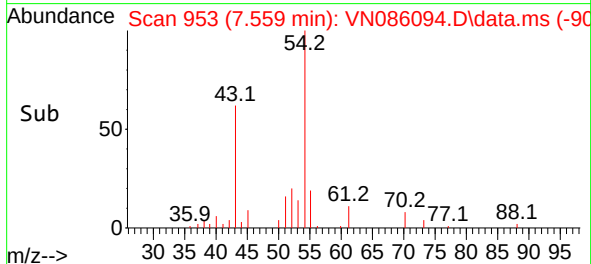
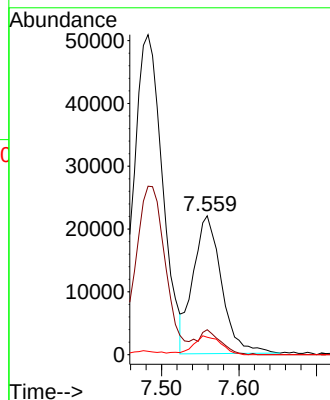
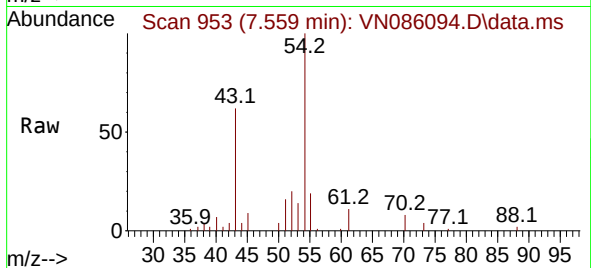
Tgt Ion: 43 Resp: 55825

Ion Ratio Lower Upper

43 100

61 15.0 13.0 19.4

70 13.2 11.0 16.6



#38

Carbon Tetrachloride

Concen: 18.585 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VN086094.D

Acq: 25 Mar 2025 12:39

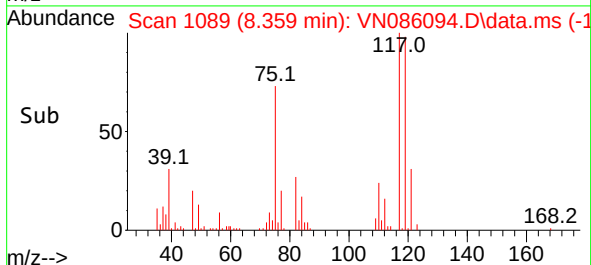
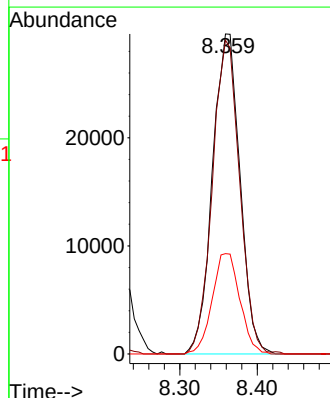
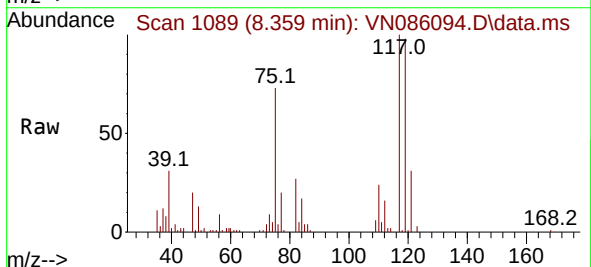
Tgt Ion: 117 Resp: 72887

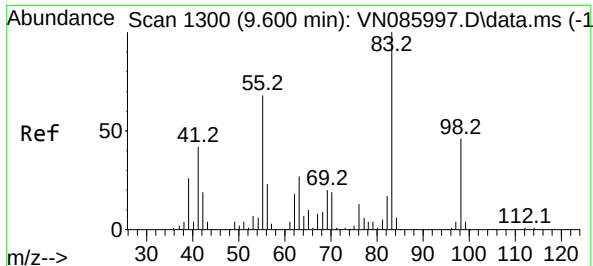
Ion Ratio Lower Upper

117 100

119 98.0 77.0 115.4

121 31.3 25.6 38.4





#39

Methylcyclohexane

Concen: 18.900 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN086094.D

Acq: 25 Mar 2025 12:39

Instrument :

MSVOA_N

ClientSampleId :

VN0325WBS01

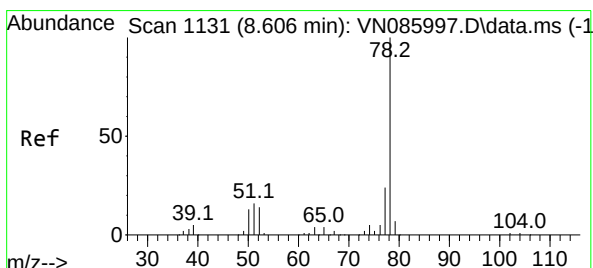
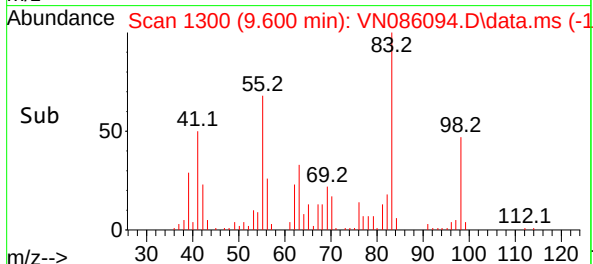
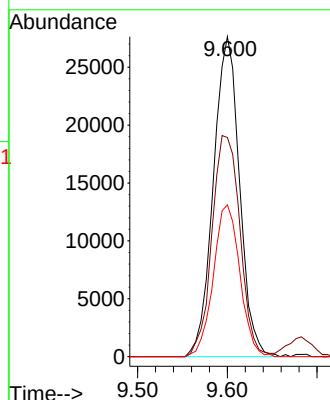
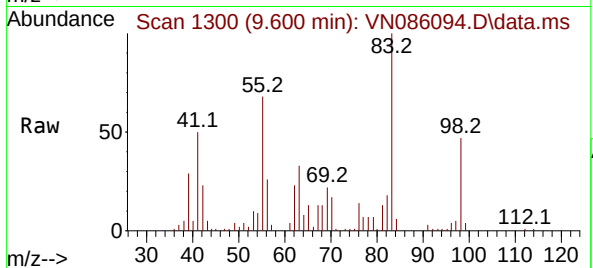
Tgt Ion: 83 Resp: 55931

Ion Ratio Lower Upper

83 100

55 68.5 54.2 81.2

98 47.4 37.1 55.7



#40

Benzene

Concen: 20.760 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN086094.D

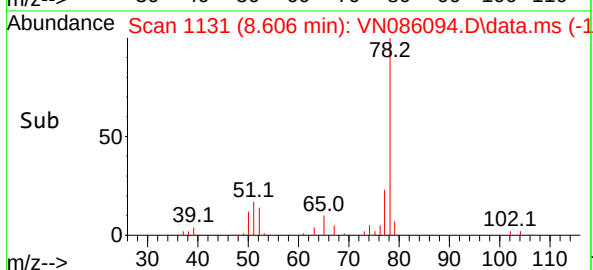
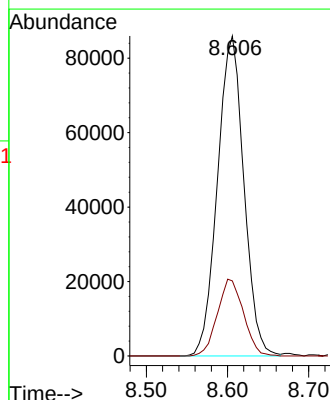
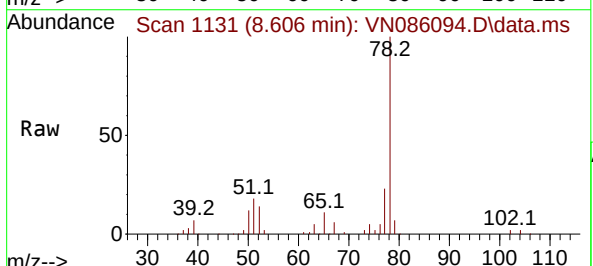
Acq: 25 Mar 2025 12:39

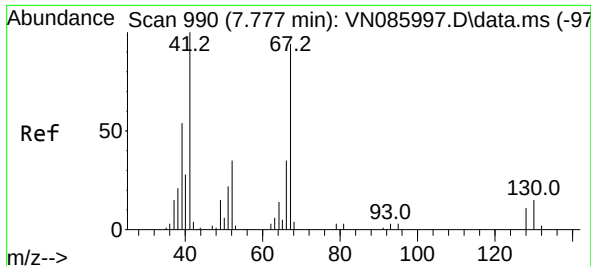
Tgt Ion: 78 Resp: 194385

Ion Ratio Lower Upper

78 100

77 23.5 18.9 28.3

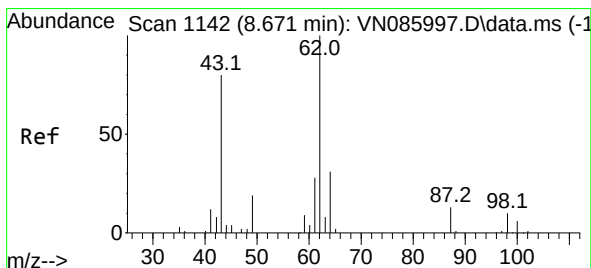
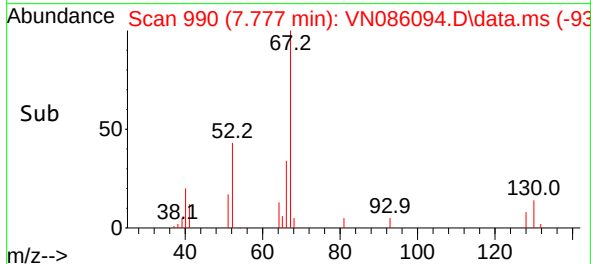
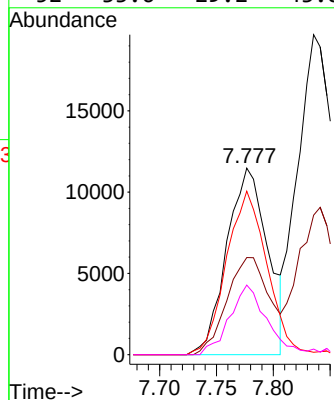
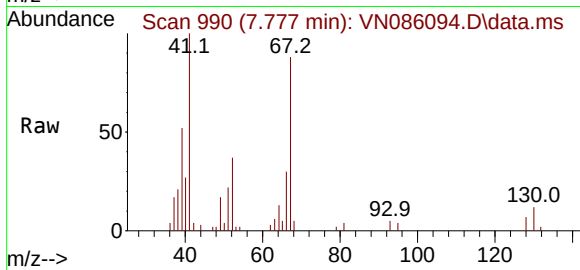




#41
Methacrylonitrile
Concen: 23.951 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN086094.D
Acq: 25 Mar 2025 12:39

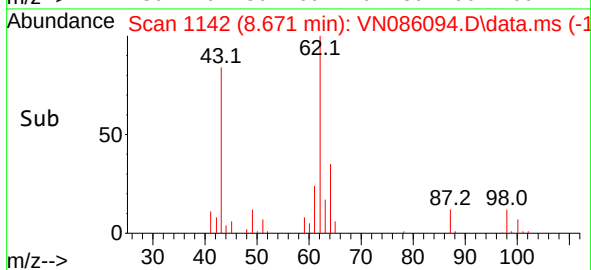
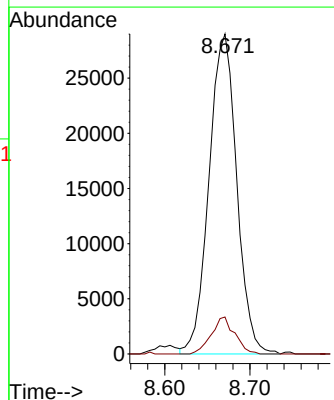
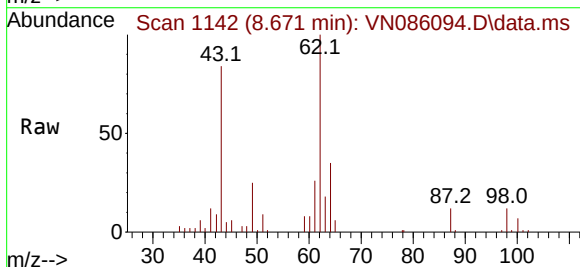
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBS01

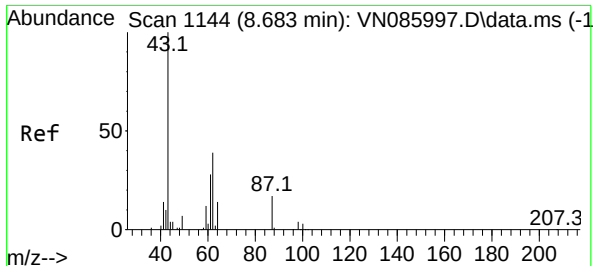
Tgt Ion:	41	Resp:	28779
Ion	Ratio	Lower	Upper
41	100		
39	53.8	46.2	69.2
67	87.3	75.9	113.9
52	33.6	29.2	43.8



#42
1,2-Dichloroethane
Concen: 20.130 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN086094.D
Acq: 25 Mar 2025 12:39

Tgt Ion:	62	Resp:	65677
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	18.6

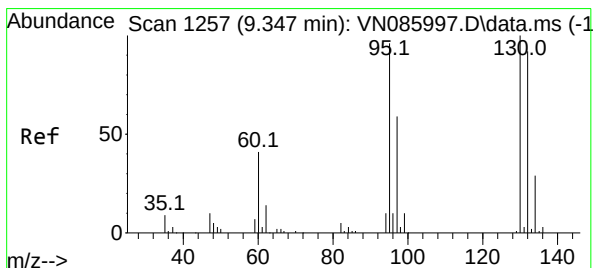
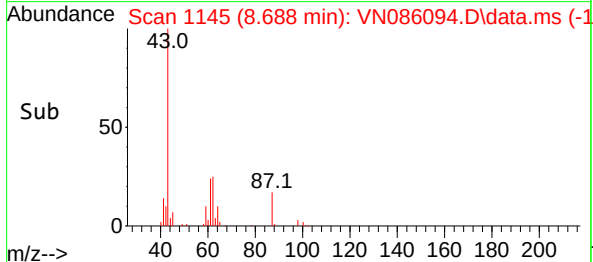
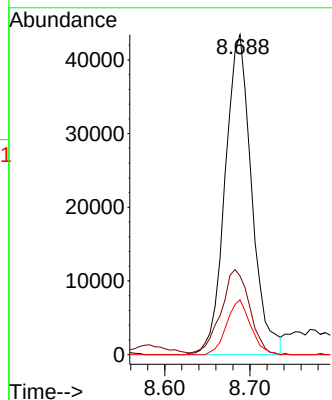
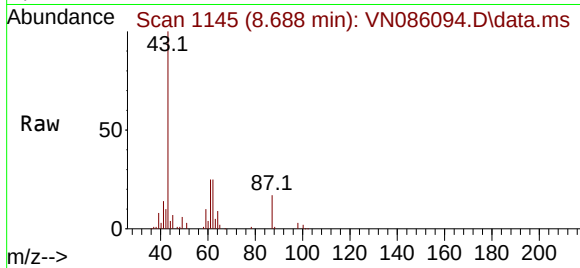




#43
Isopropyl Acetate
Concen: 17.270 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN086094.D
Acq: 25 Mar 2025 12:39

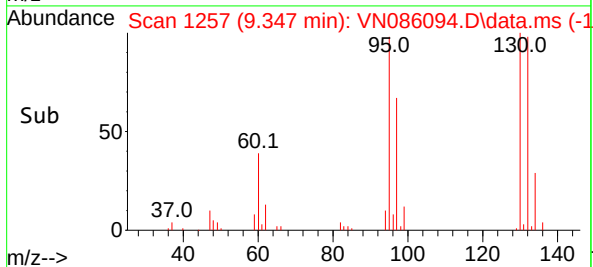
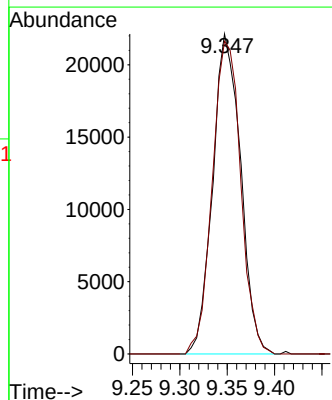
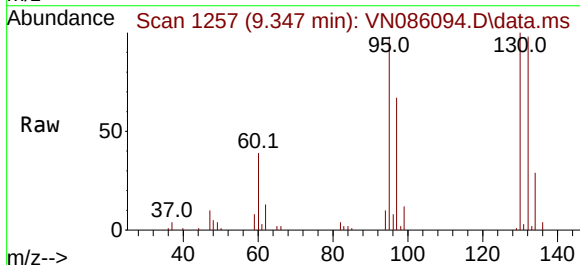
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBS01

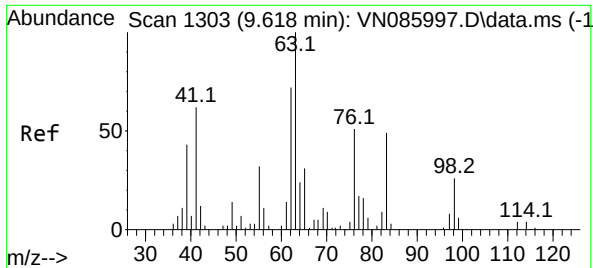
Tgt Ion: 43	Resp: 94173
Ion Ratio	Lower Upper
43	100
61	28.8 25.0 37.6
87	15.5 13.0 19.4



#44
Trichloroethene
Concen: 18.666 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086094.D
Acq: 25 Mar 2025 12:39

Tgt Ion: 130	Resp: 45300
Ion Ratio	Lower Upper
130	100
95	97.8 0.0 191.6





#45

1,2-Dichloropropane

Concen: 22.769 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086094.D

Acq: 25 Mar 2025 12:39

Instrument :

MSVOA_N

ClientSampleId :

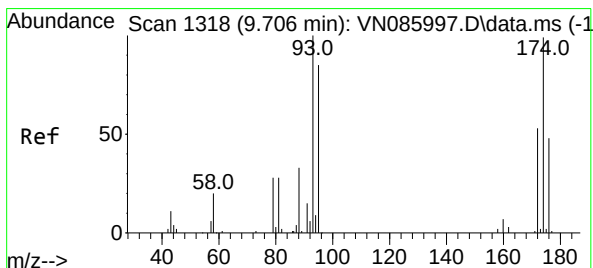
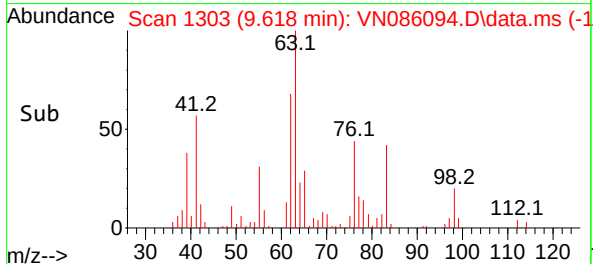
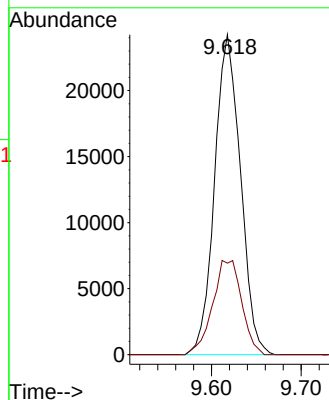
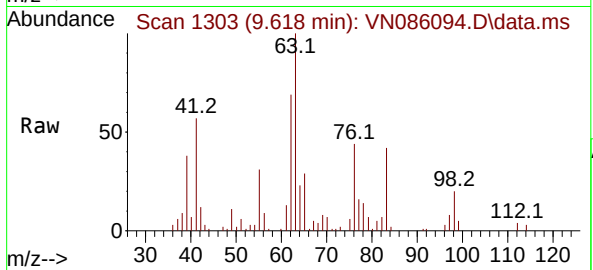
VN0325WBS01

Tgt Ion: 63 Resp: 48492

Ion Ratio Lower Upper

63 100

65 28.6 24.7 37.1



#46

Dibromomethane

Concen: 20.742 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086094.D

Acq: 25 Mar 2025 12:39

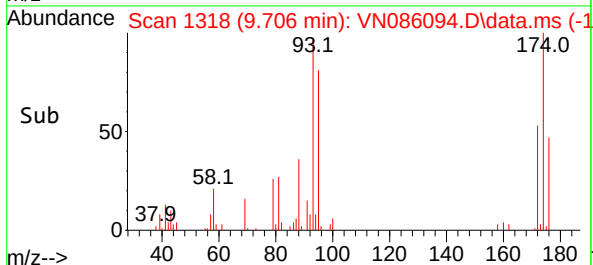
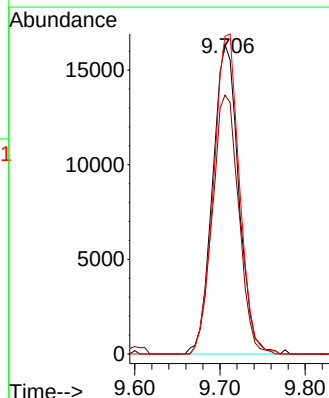
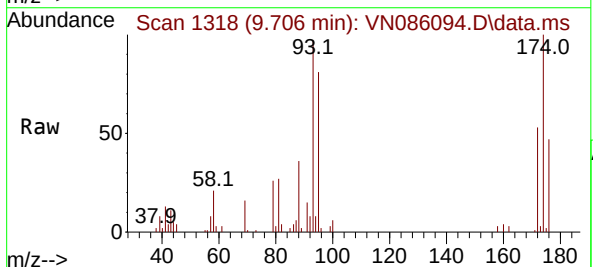
Tgt Ion: 93 Resp: 34741

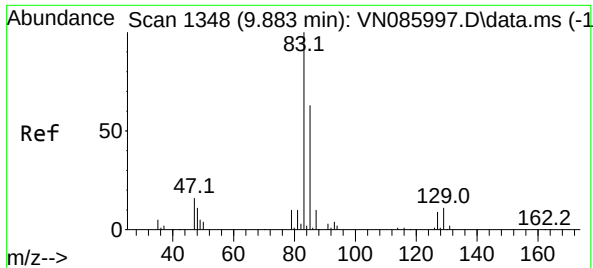
Ion Ratio Lower Upper

93 100

95 84.4 66.2 99.2

174 101.7 80.1 120.1

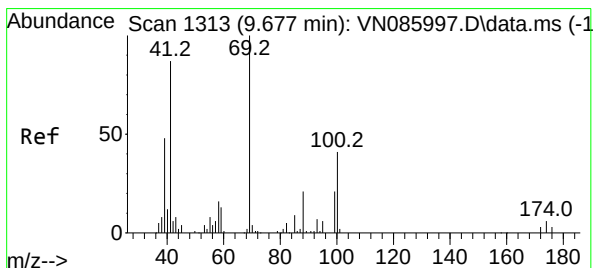
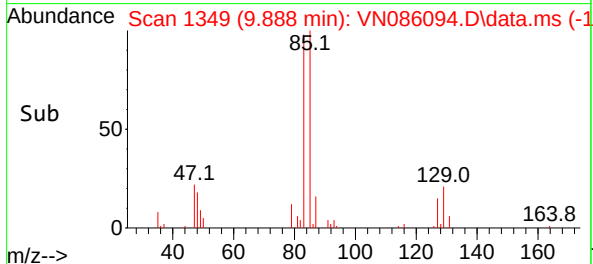
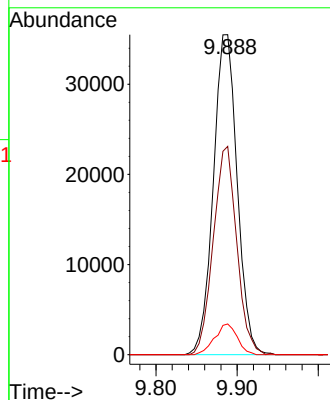
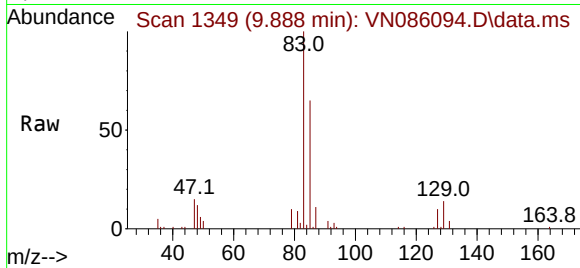




#47
Bromodichloromethane
Concen: 20.719 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN086094.D
Acq: 25 Mar 2025 12:39

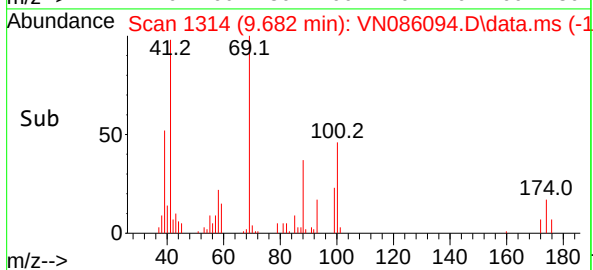
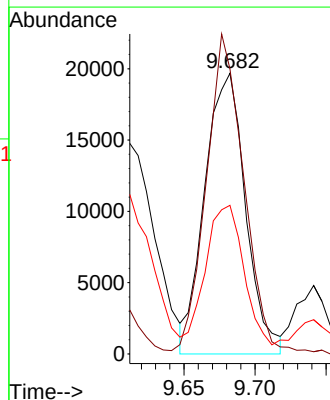
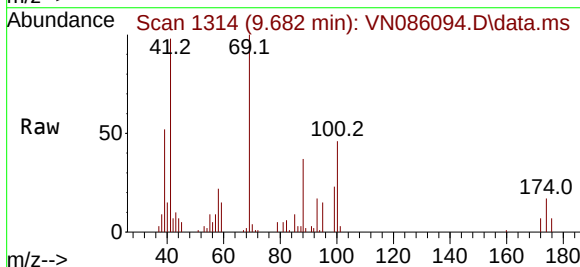
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBS01

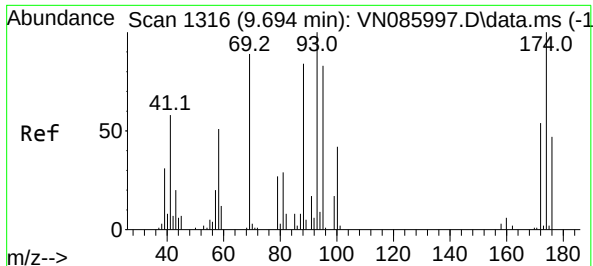
Tgt Ion: 83	Resp: 72524
Ion Ratio	Lower Upper
83 100	
85 65.1	50.2 75.2
127 9.6	7.1 10.7



#48
Methyl methacrylate
Concen: 21.864 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN086094.D
Acq: 25 Mar 2025 12:39

Tgt Ion: 41	Resp: 39343		
Ion Ratio	Lower	Upper	
41	100		
69	105.3	83.1	124.7
39	52.0	45.6	68.4





#49

1,4-Dioxane

Concen: 455.133 ug/l

RT: 9.688 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN086094.D

Acq: 25 Mar 2025 12:39

Instrument :

MSVOA_N

ClientSampleId :

VN0325WBS01

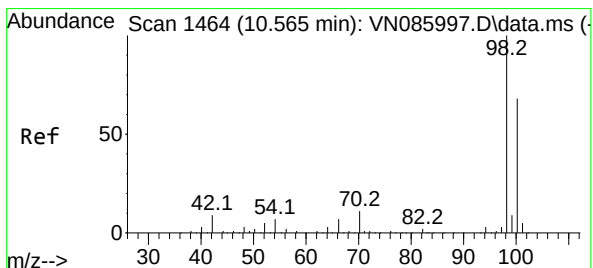
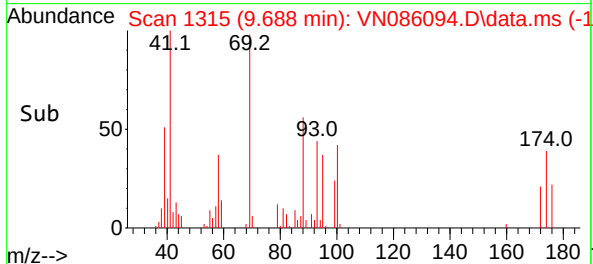
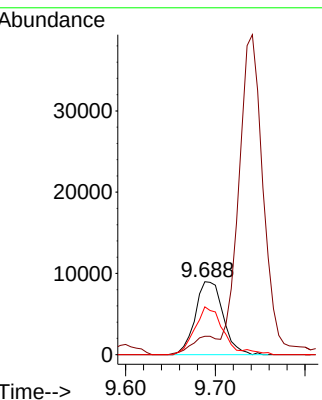
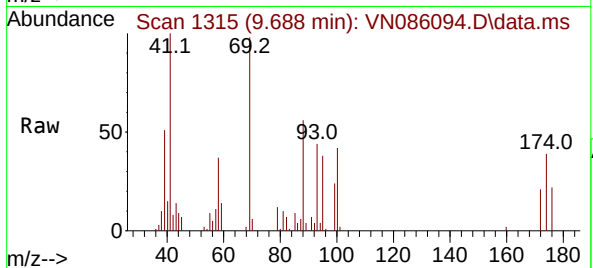
Tgt Ion: 88 Resp: 19360

Ion Ratio Lower Upper

88 100

43 21.9 21.7 32.5

58 67.7 50.4 75.6



#50

Toluene-d8

Concen: 53.864 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086094.D

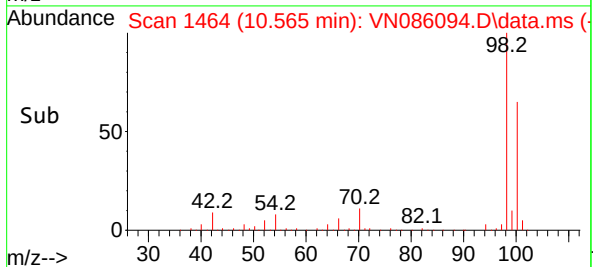
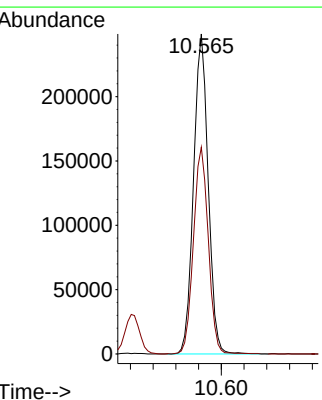
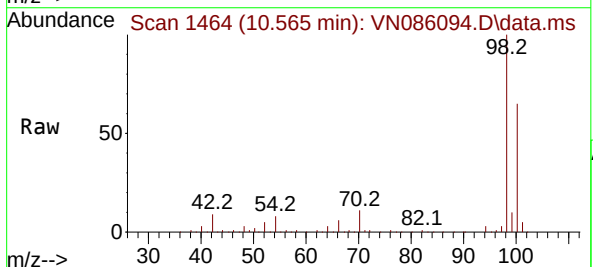
Acq: 25 Mar 2025 12:39

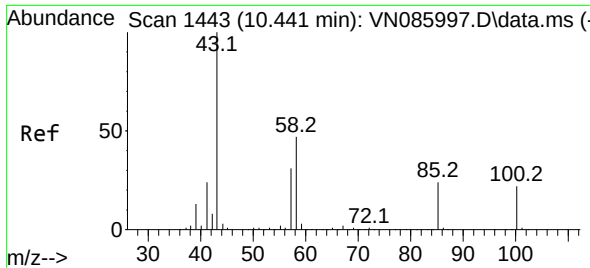
Tgt Ion: 98 Resp: 442829

Ion Ratio Lower Upper

98 100

100 65.7 53.1 79.7

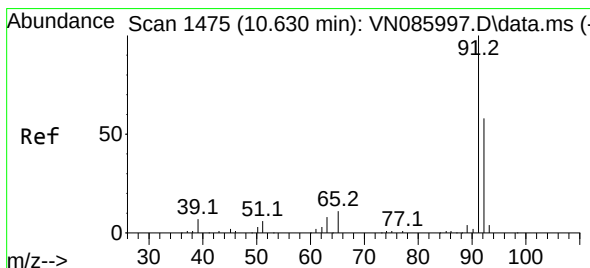
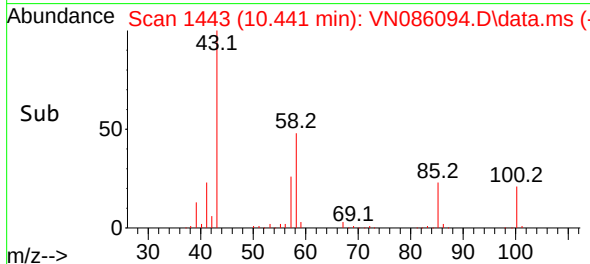
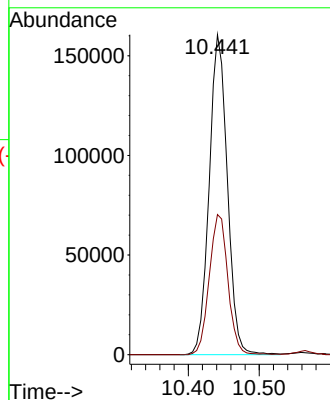
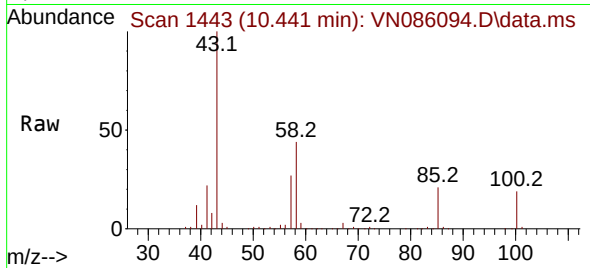




#51
4-Methyl-2-Pentanone
Concen: 118.550 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086094.D
Acq: 25 Mar 2025 12:39

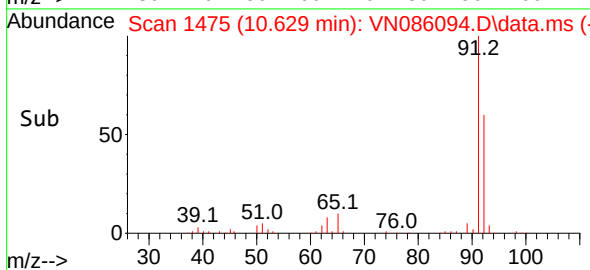
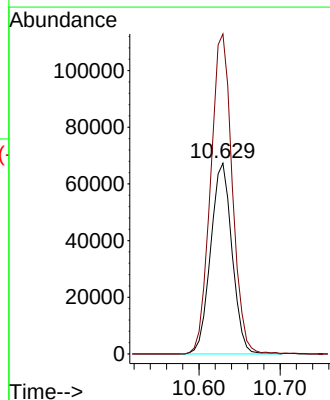
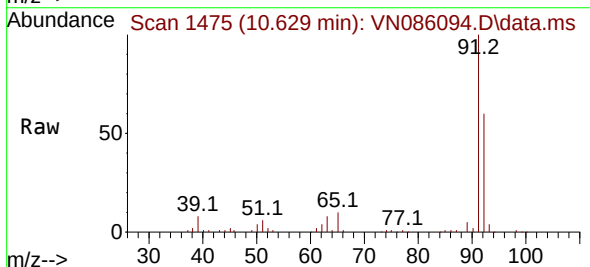
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBS01

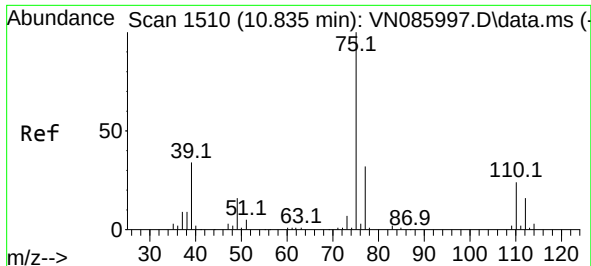
Tgt Ion: 43 Resp: 285096
Ion Ratio Lower Upper
43 100
58 45.0 37.4 56.0



#52
Toluene
Concen: 21.417 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086094.D
Acq: 25 Mar 2025 12:39

Tgt Ion: 92 Resp: 123085
Ion Ratio Lower Upper
92 100
91 170.1 136.2 204.4

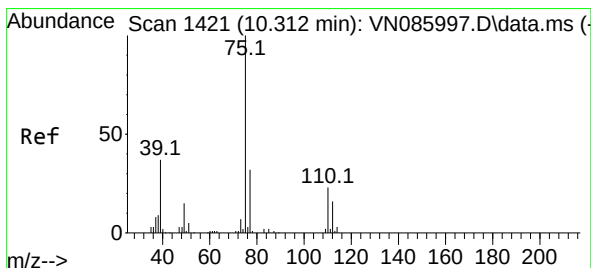
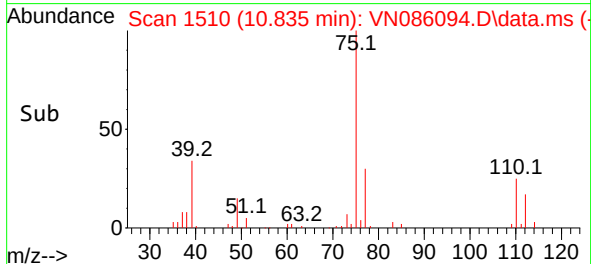
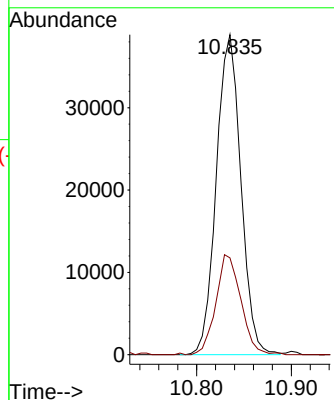
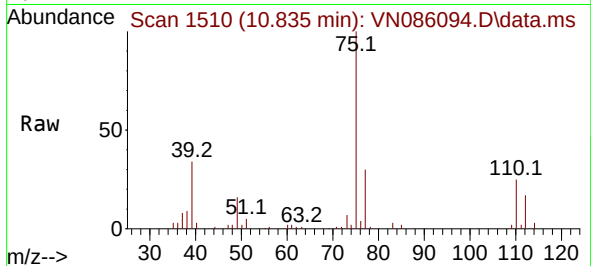




#53
 t-1,3-Dichloropropene
 Concen: 20.607 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN086094.D
 Acq: 25 Mar 2025 12:39

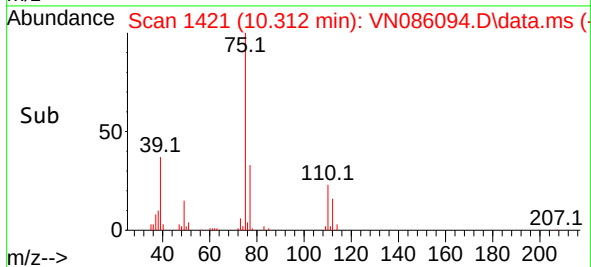
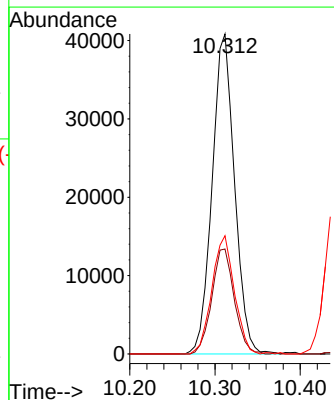
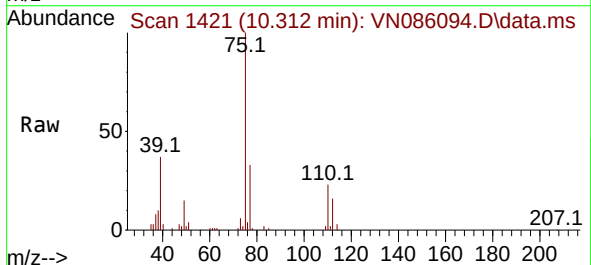
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0325WBS01

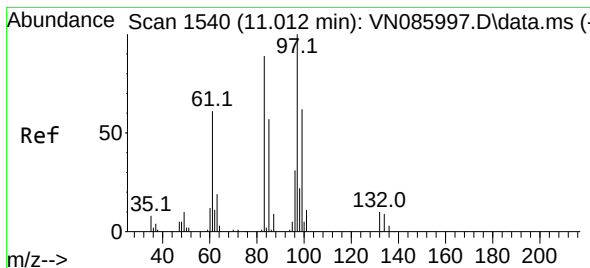
Tgt Ion: 75 Resp: 70052
 Ion Ratio Lower Upper
 75 100
 77 29.8 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 20.799 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN086094.D
 Acq: 25 Mar 2025 12:39

Tgt Ion: 75 Resp: 74599
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.3 37.9
 39 37.0 29.6 44.4

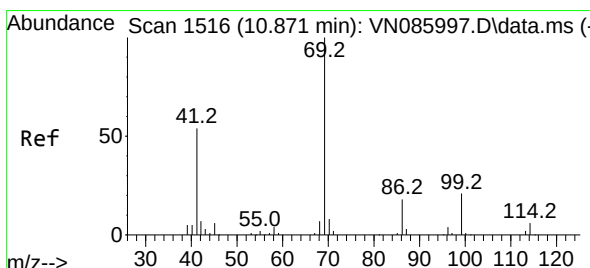
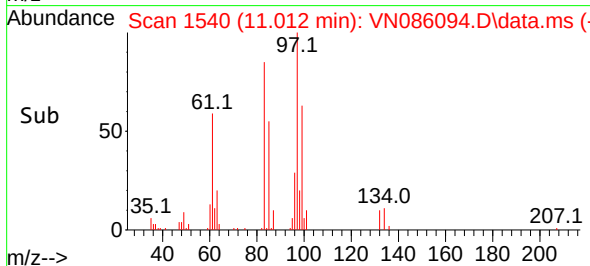
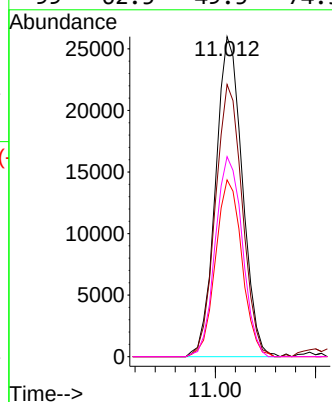
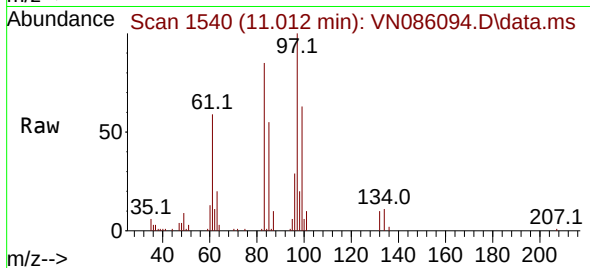




#55
1,1,2-Trichloroethane
Concen: 21.904 ug/l
RT: 11.012 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086094.D
Acq: 25 Mar 2025 12:39

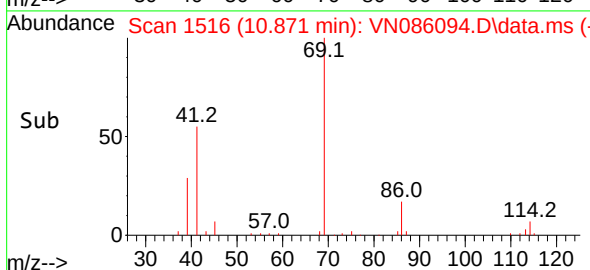
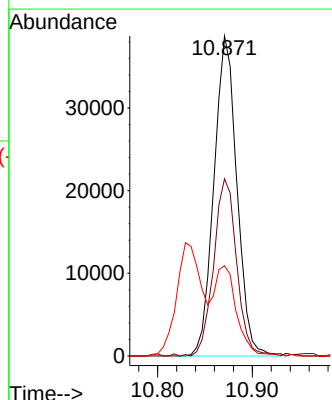
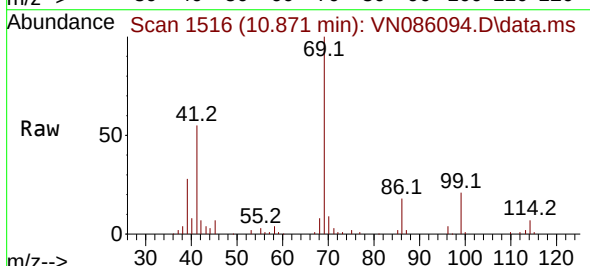
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBS01

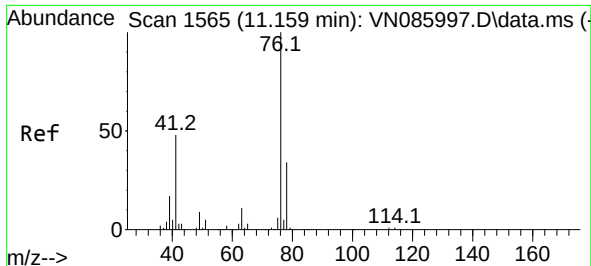
Tgt Ion:	97	Resp:	48046
Ion	Ratio	Lower	Upper
97	100		
83	85.0	71.2	106.8
85	55.3	45.4	68.0
99	62.5	49.5	74.3



#56
Ethyl methacrylate
Concen: 21.540 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086094.D
Acq: 25 Mar 2025 12:39

Tgt Ion:	69	Resp:	65070
Ion	Ratio	Lower	Upper
69	100		
41	55.6	41.6	62.4
39	27.9	21.8	32.8





#57

1,3-Dichloropropane

Concen: 21.545 ug/l

RT: 11.159 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086094.D

Acq: 25 Mar 2025 12:39

Instrument :

MSVOA_N

ClientSampleId :

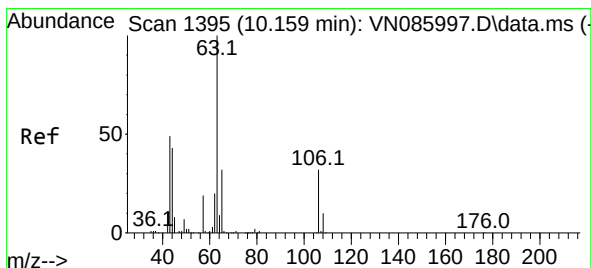
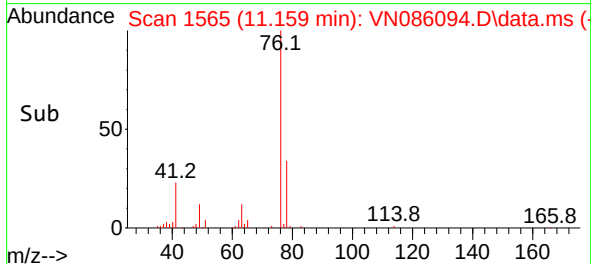
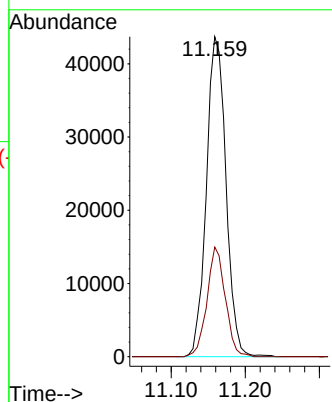
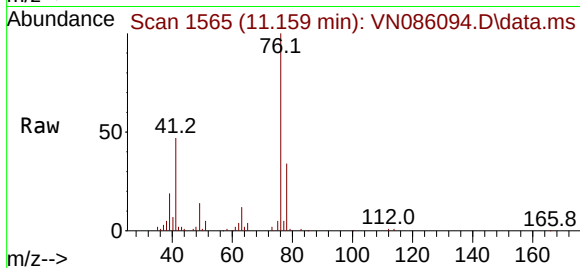
VN0325WBS01

Tgt Ion: 76 Resp: 80267

Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 119.962 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN086094.D

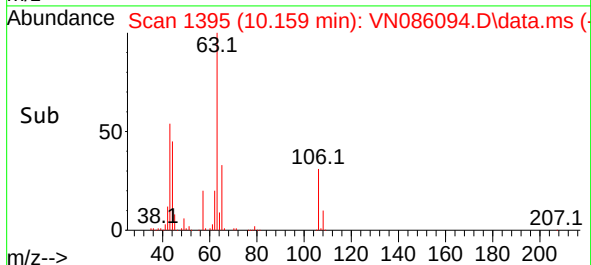
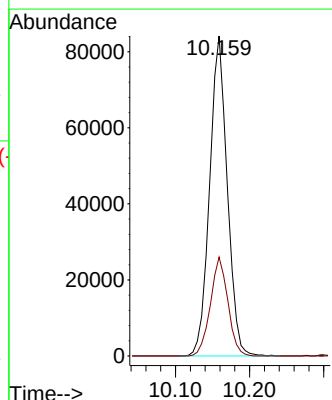
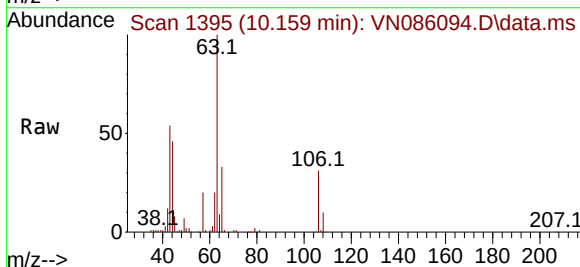
Acq: 25 Mar 2025 12:39

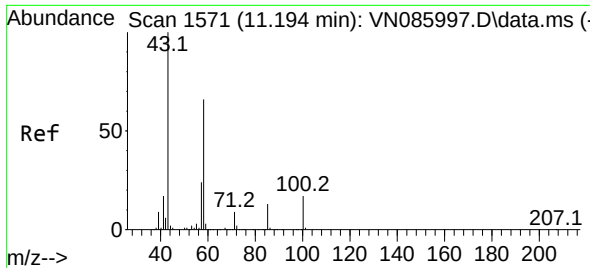
Tgt Ion: 63 Resp: 138859

Ion Ratio Lower Upper

63 100

106 30.6 25.0 37.6

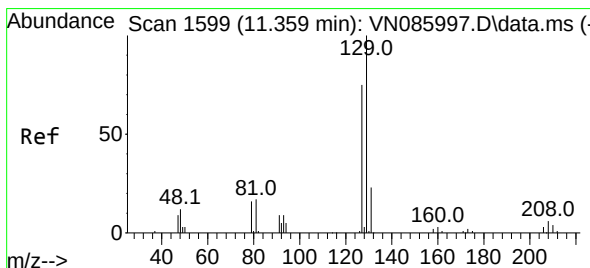
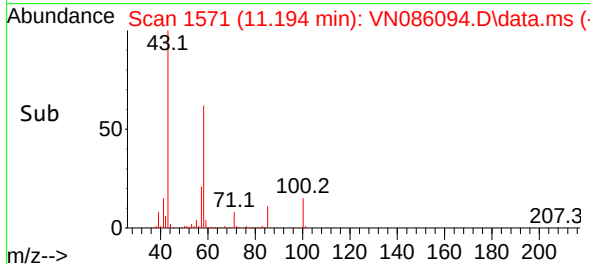
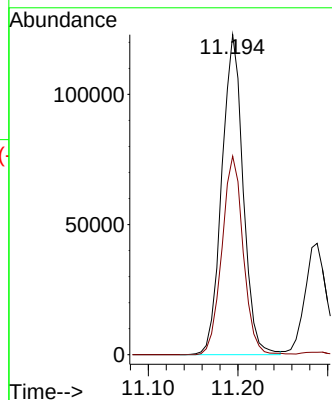
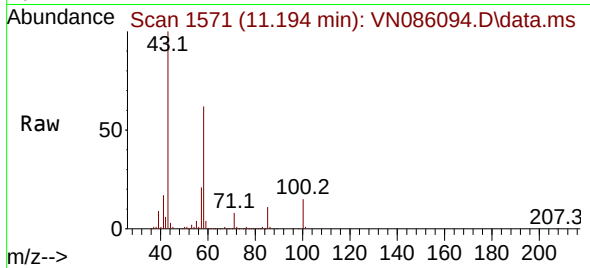




#59
2-Hexanone
Concen: 115.583 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086094.D
Acq: 25 Mar 2025 12:39

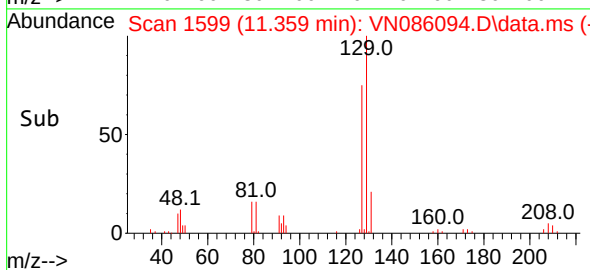
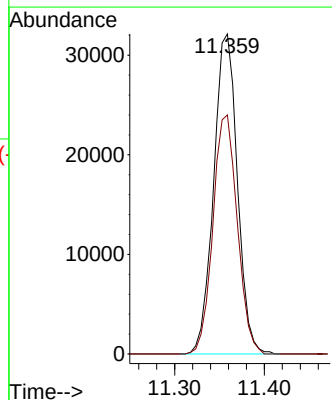
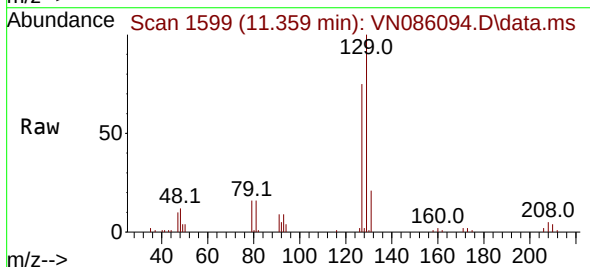
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBS01

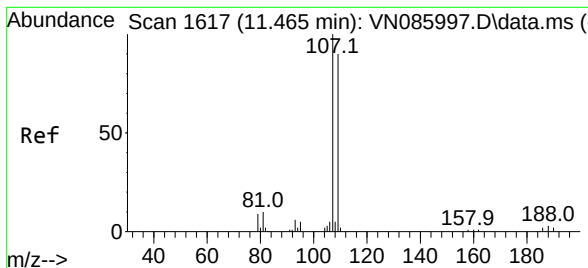
Tgt Ion: 43 Resp: 202492
Ion Ratio Lower Upper
43 100
58 62.0 32.4 97.2



#60
Dibromochloromethane
Concen: 20.837 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086094.D
Acq: 25 Mar 2025 12:39

Tgt Ion:129 Resp: 58978
Ion Ratio Lower Upper
129 100
127 76.6 37.8 113.4

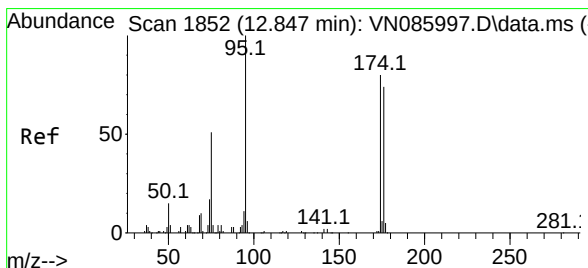
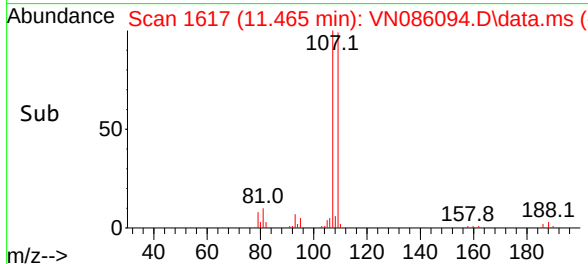
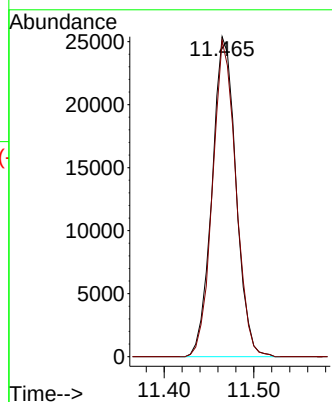
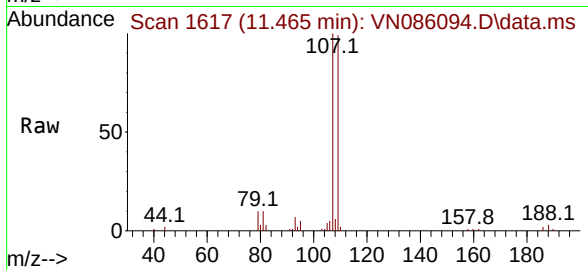




#61
1,2-Dibromoethane
Concen: 20.866 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086094.D
Acq: 25 Mar 2025 12:39

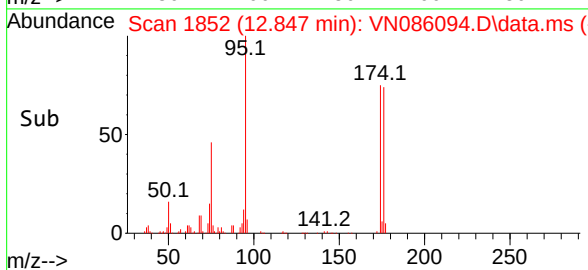
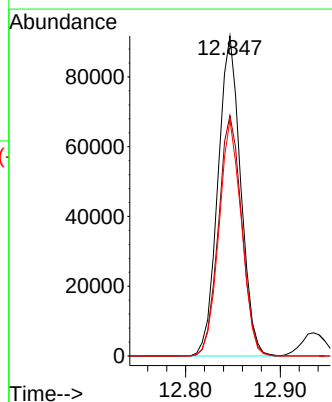
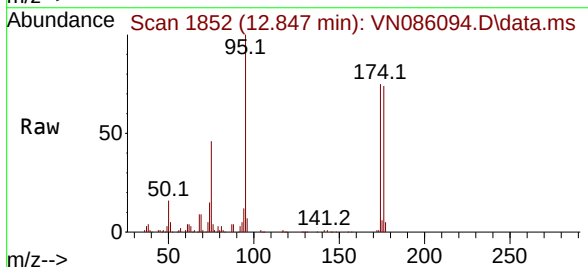
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBS01

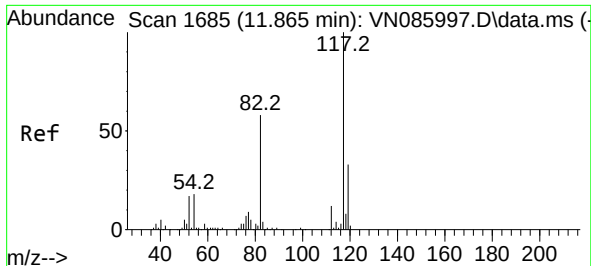
Tgt Ion:107 Resp: 46988
Ion Ratio Lower Upper
107 100
109 96.6 73.3 109.9



#62
4-Bromofluorobenzene
Concen: 52.228 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086094.D
Acq: 25 Mar 2025 12:39

Tgt Ion: 95 Resp: 153130
Ion Ratio Lower Upper
95 100
174 77.0 0.0 156.8
176 72.8 0.0 152.2

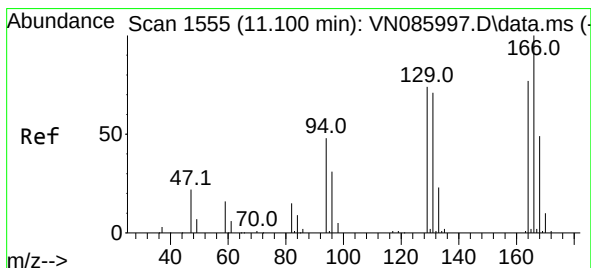
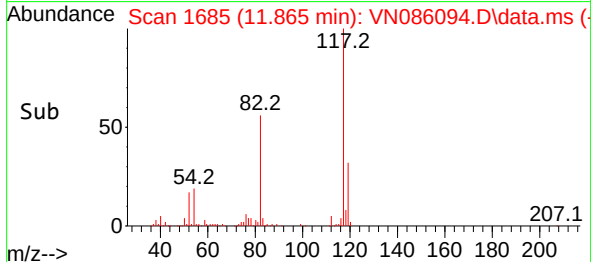
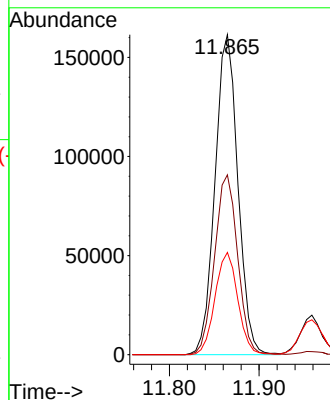
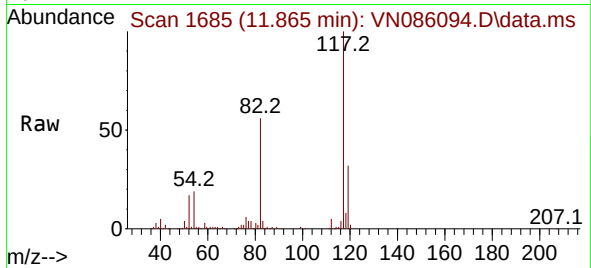




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VN086094.D
Acq: 25 Mar 2025 12:39

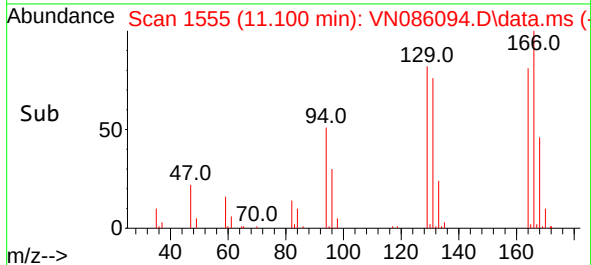
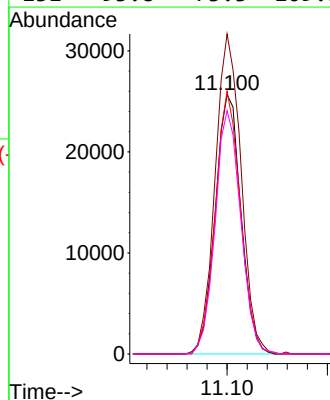
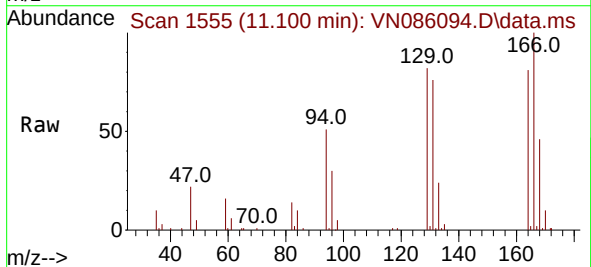
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBS01

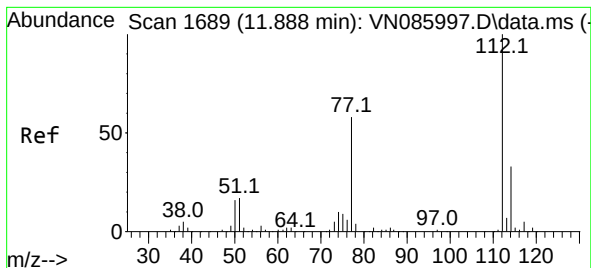
Tgt Ion:117 Resp: 286017
Ion Ratio Lower Upper
117 100
82 56.2 46.7 70.1
119 32.0 26.5 39.7



#64
Tetrachloroethene
Concen: 20.089 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086094.D
Acq: 25 Mar 2025 12:39

Tgt Ion:164 Resp: 45834
Ion Ratio Lower Upper
164 100
166 123.4 103.7 155.5
129 101.3 77.1 115.7
131 93.8 73.3 109.9





#65

Chlorobenzene

Concen: 19.900 ug/l

RT: 11.888 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086094.D

Acq: 25 Mar 2025 12:39

Instrument :

MSVOA_N

ClientSampleId :

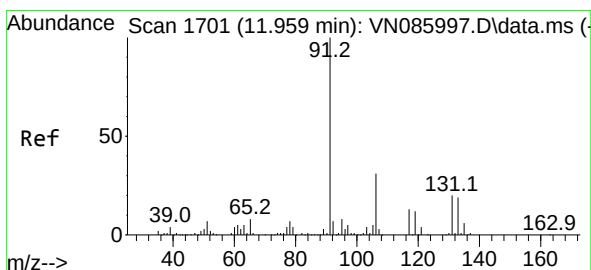
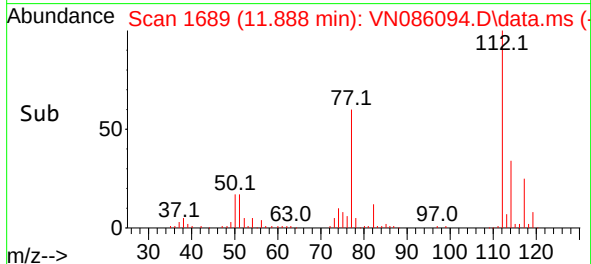
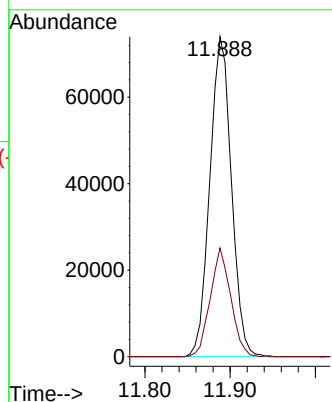
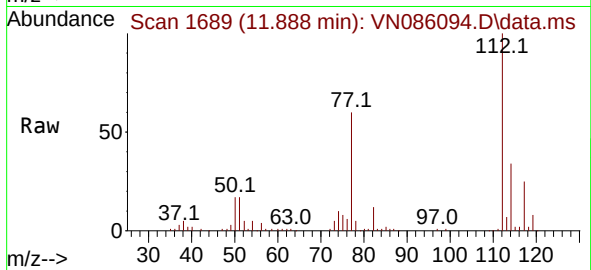
VN0325WBS01

Tgt Ion:112 Resp: 130241

Ion Ratio Lower Upper

112 100

114 34.0 26.3 39.5



#66

1,1,1,2-Tetrachloroethane

Concen: 20.781 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VN086094.D

Acq: 25 Mar 2025 12:39

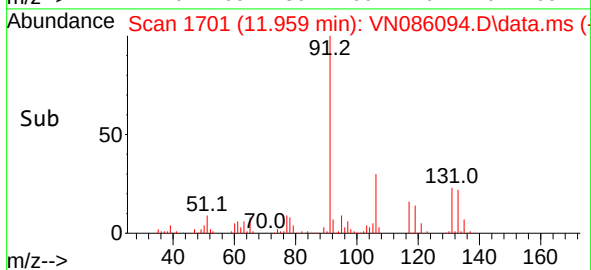
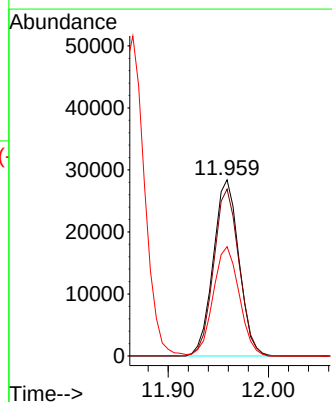
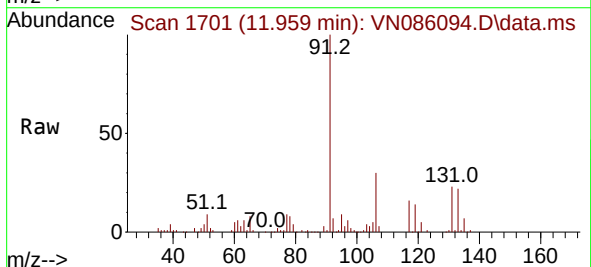
Tgt Ion:131 Resp: 50560

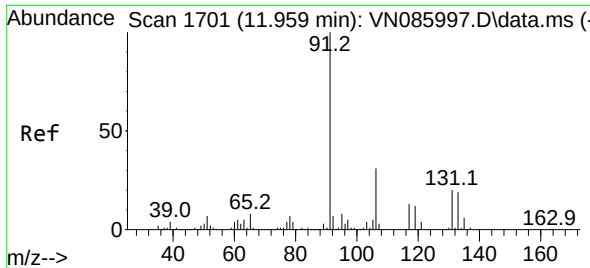
Ion Ratio Lower Upper

131 100

133 93.8 47.0 141.0

119 62.9 31.4 94.0

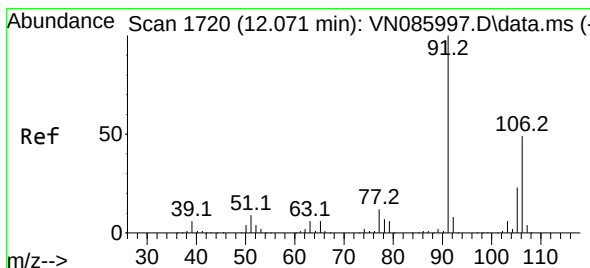
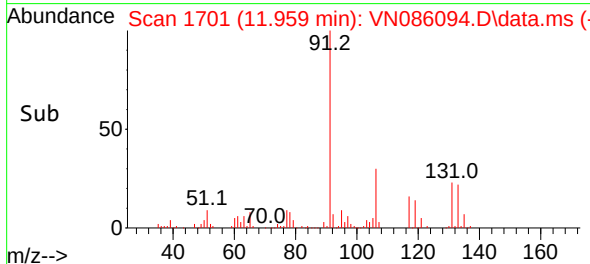
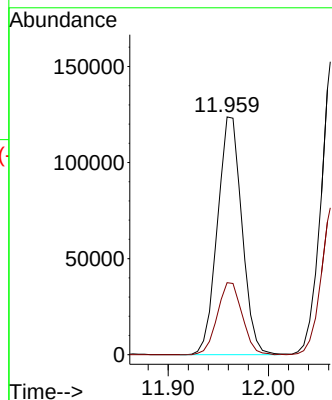
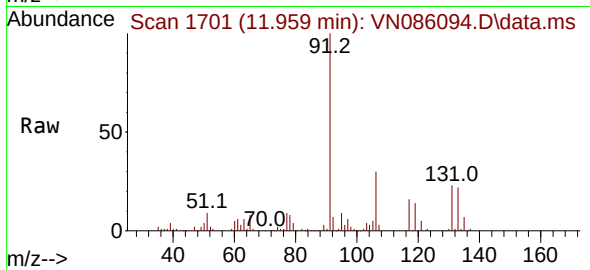




#67
Ethyl Benzene
Concen: 20.064 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086094.D
Acq: 25 Mar 2025 12:39

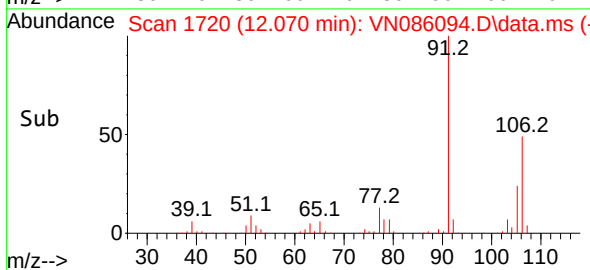
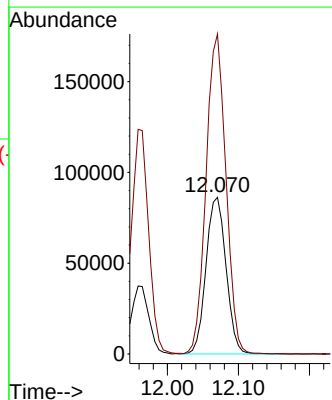
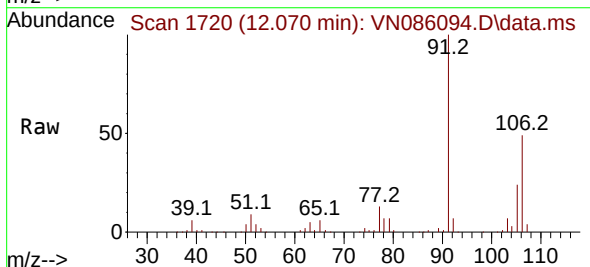
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBS01

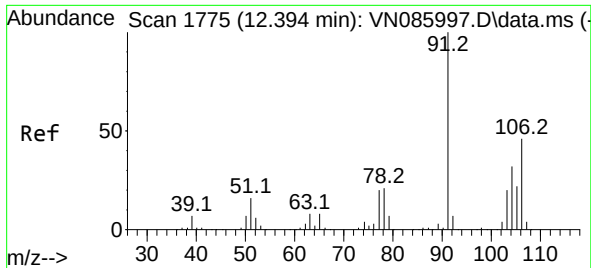
Tgt Ion: 91 Resp: 210052
Ion Ratio Lower Upper
91 100
106 30.3 24.5 36.7



#68
m/p-Xylenes
Concen: 41.132 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086094.D
Acq: 25 Mar 2025 12:39

Tgt Ion: 106 Resp: 169254
Ion Ratio Lower Upper
106 100
91 202.4 163.9 245.9

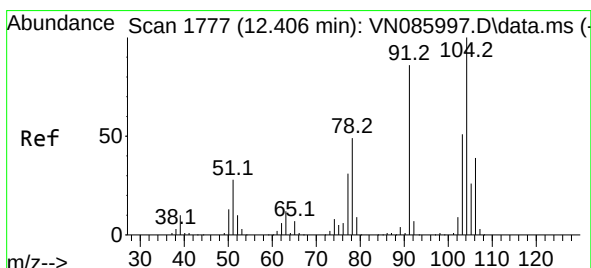
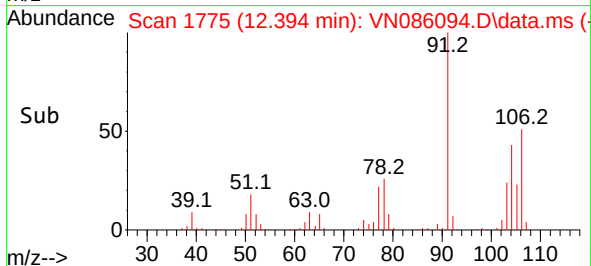
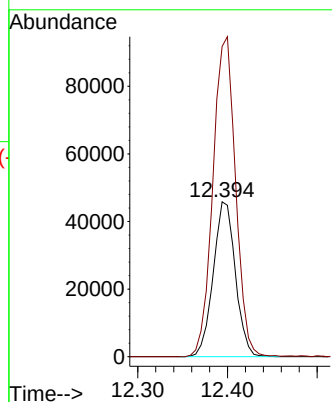
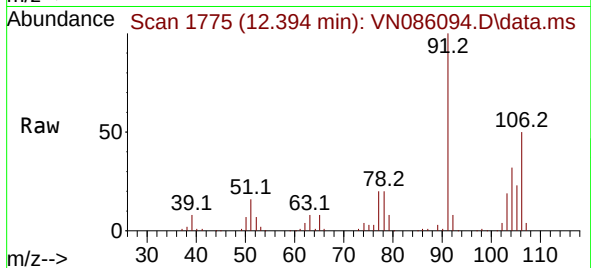




#69
o-Xylene
Concen: 20.766 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086094.D
Acq: 25 Mar 2025 12:39

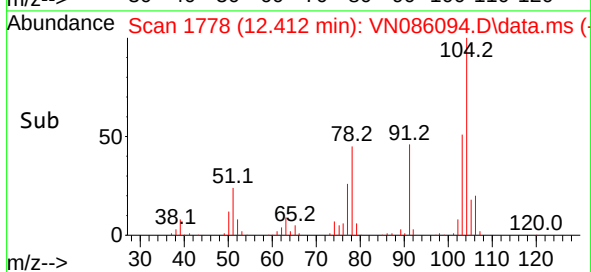
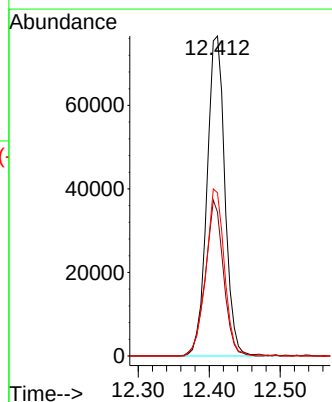
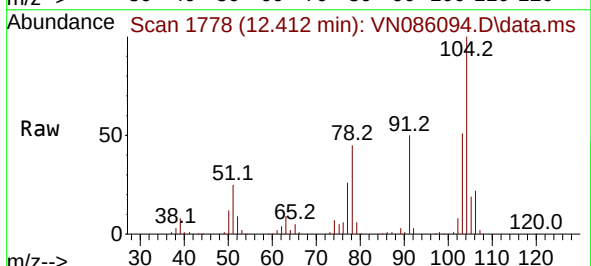
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBS01

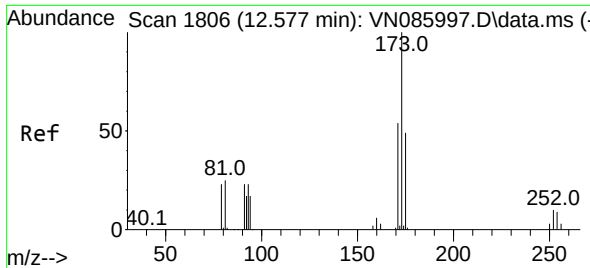
Tgt Ion:106 Resp: 78427
Ion Ratio Lower Upper
106 100
91 211.7 109.1 327.2



#70
Styrene
Concen: 20.837 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN086094.D
Acq: 25 Mar 2025 12:39

Tgt Ion:104 Resp: 134416
Ion Ratio Lower Upper
104 100
78 49.4 41.4 62.2
103 54.0 42.9 64.3

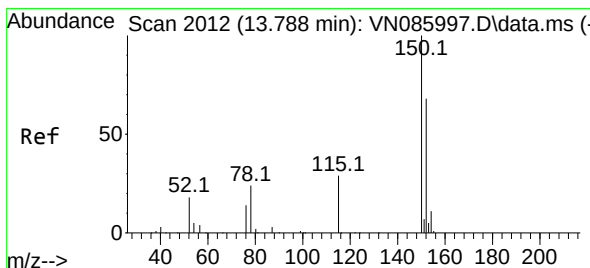
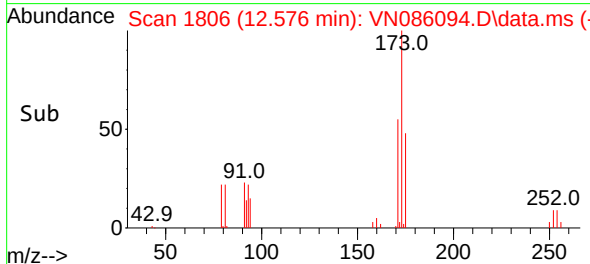
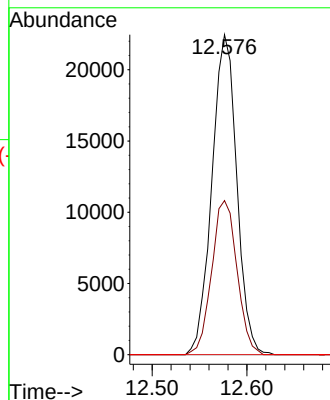
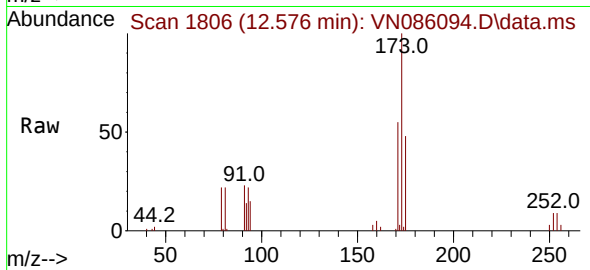




#71
Bromoform
Concen: 20.149 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086094.D
Acq: 25 Mar 2025 12:39

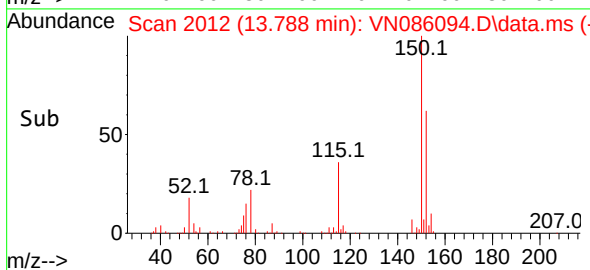
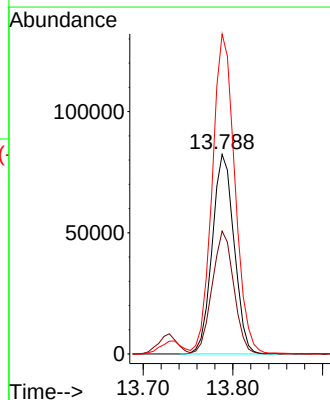
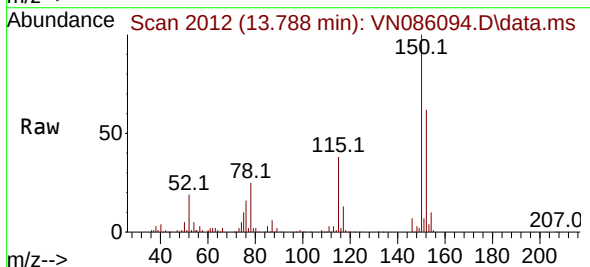
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBS01

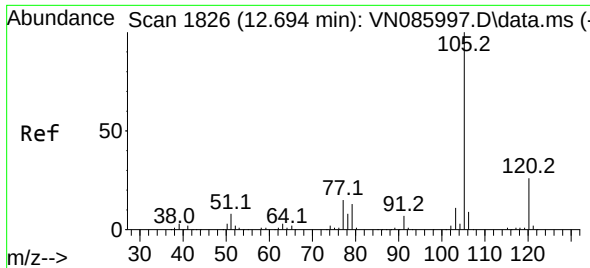
Tgt Ion:173 Resp: 40980
Ion Ratio Lower Upper
173 100
175 49.0 24.3 73.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086094.D
Acq: 25 Mar 2025 12:39

Tgt Ion:152 Resp: 139430
Ion Ratio Lower Upper
152 100
115 60.8 31.1 93.2
150 166.2 0.0 359.6

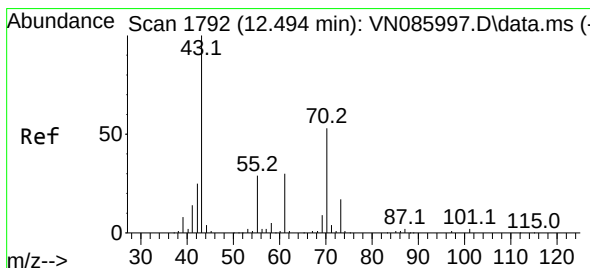
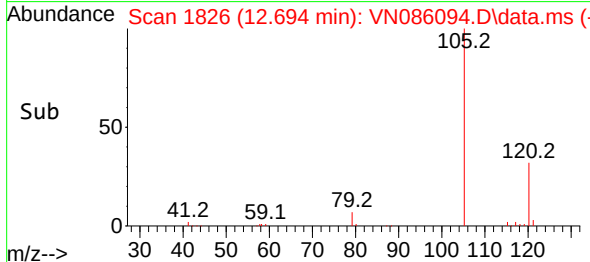
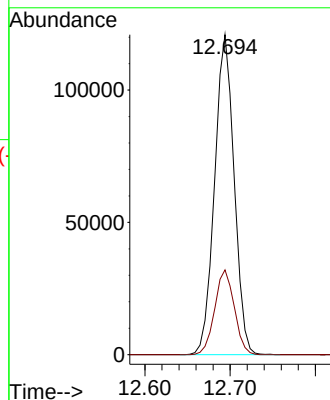
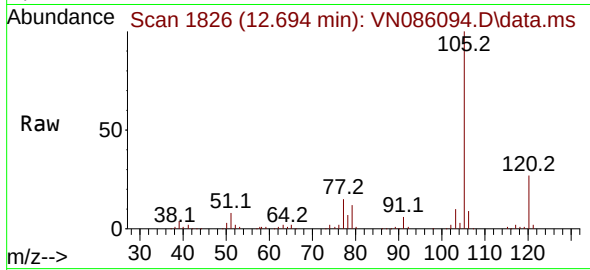




#73
Isopropylbenzene
Concen: 20.254 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086094.D
Acq: 25 Mar 2025 12:39

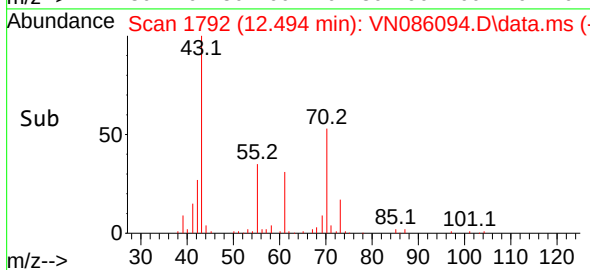
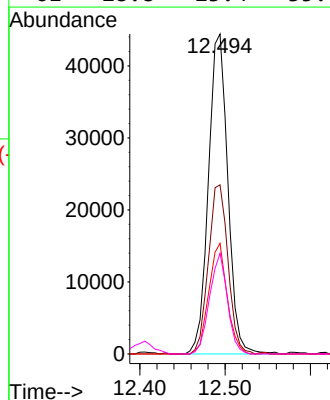
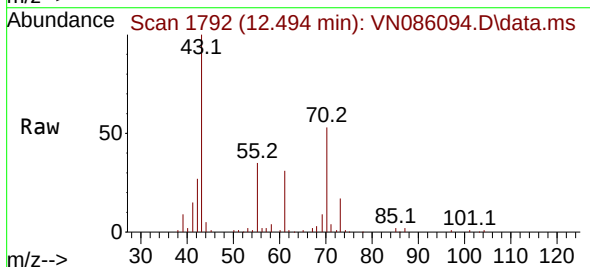
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBS01

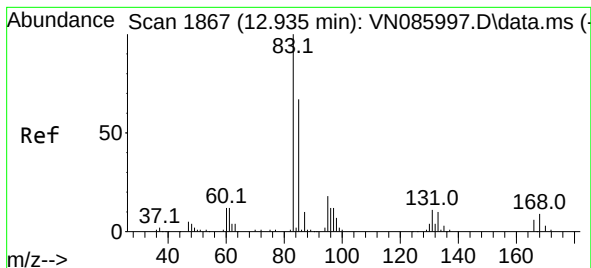
Tgt Ion:105 Resp: 192849
Ion Ratio Lower Upper
105 100
120 26.5 13.0 39.0



#74
N-ethyl acetate
Concen: 22.065 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN086094.D
Acq: 25 Mar 2025 12:39

Tgt Ion: 43 Resp: 70288
Ion Ratio Lower Upper
43 100
70 53.5 43.0 64.4
55 32.8 23.8 35.8
61 28.8 23.4 35.0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.241 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. -0.000 min

Lab File: VN086094.D

Acq: 25 Mar 2025 12:39

Instrument :

MSVOA_N

ClientSampleId :

VN0325WBS01

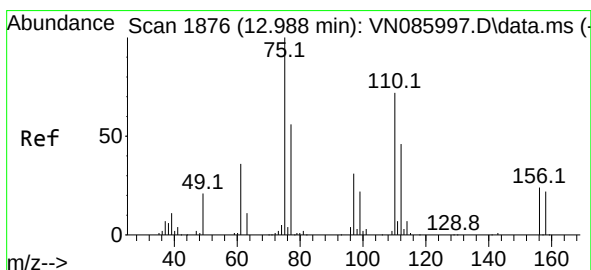
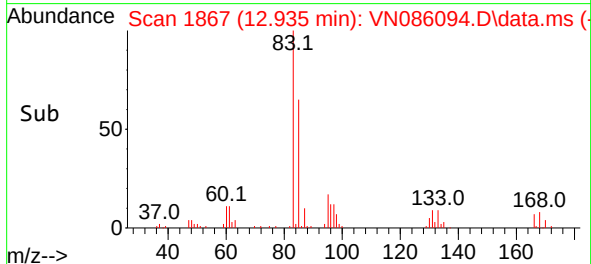
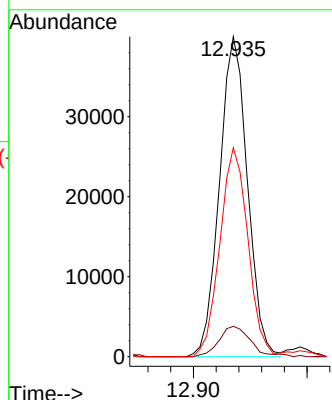
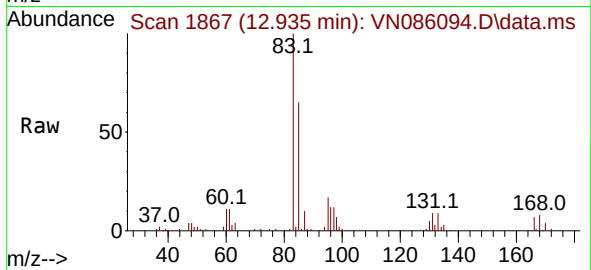
Tgt Ion: 83 Resp: 68421

Ion Ratio Lower Upper

83 100

131 10.8 5.5 16.5

85 65.5 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 28.343 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. -0.000 min

Lab File: VN086094.D

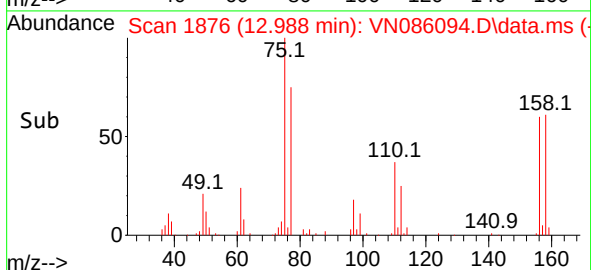
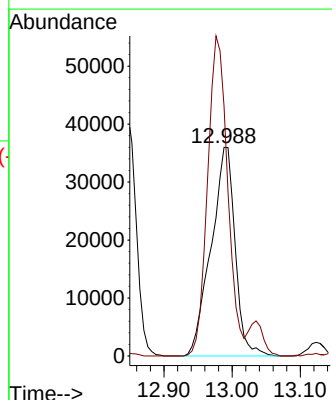
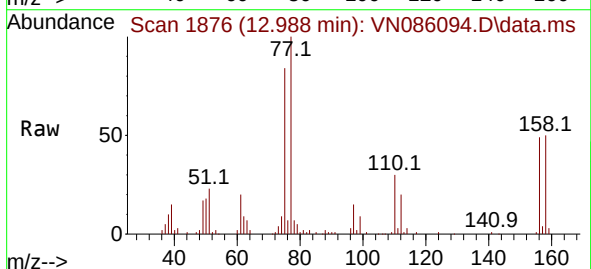
Acq: 25 Mar 2025 12:39

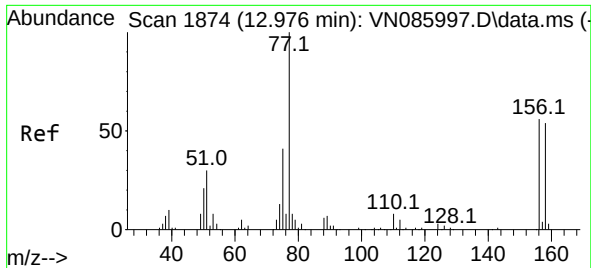
Tgt Ion: 75 Resp: 88474

Ion Ratio Lower Upper

75 100

77 127.6 83.7 251.0

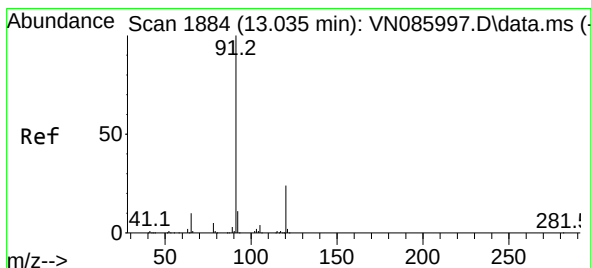
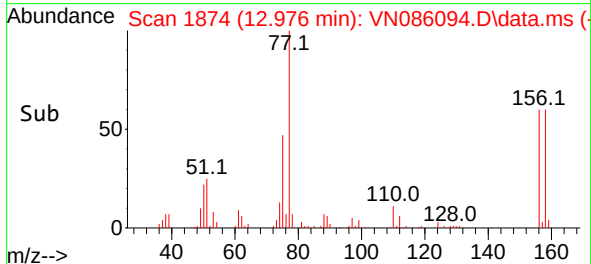
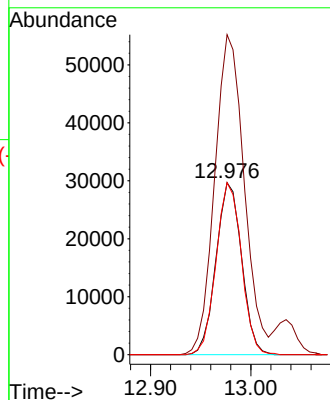
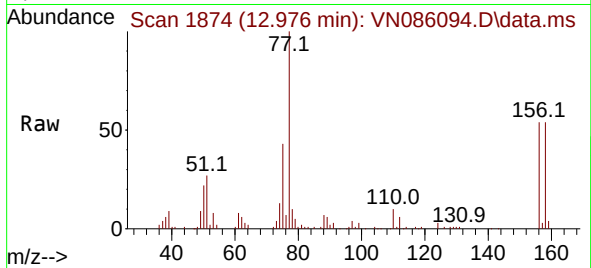




#77
Bromobenzene
Concen: 19.828 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086094.D
Acq: 25 Mar 2025 12:39

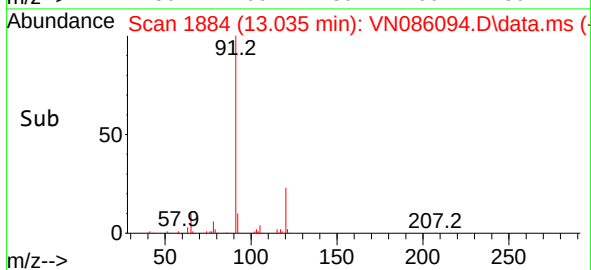
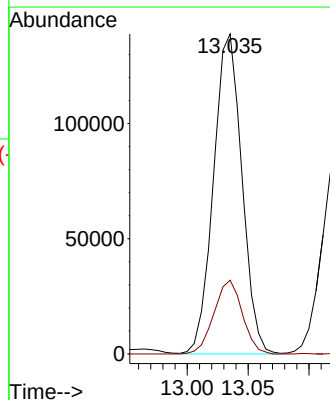
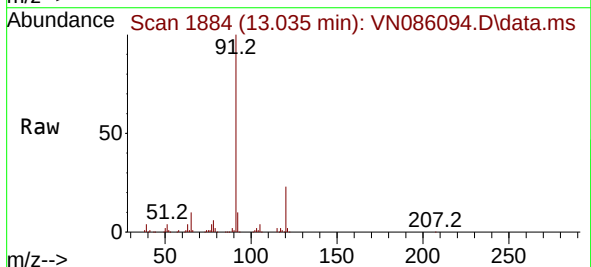
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBS01

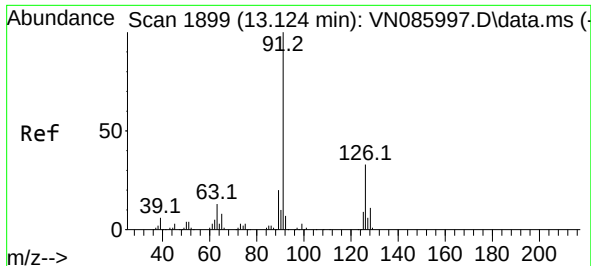
Tgt Ion:156 Resp: 52643
Ion Ratio Lower Upper
156 100
77 214.5 104.1 312.3
158 98.9 49.0 147.0



#78
n-propylbenzene
Concen: 20.938 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086094.D
Acq: 25 Mar 2025 12:39

Tgt Ion: 91 Resp: 225748
Ion Ratio Lower Upper
91 100
120 23.0 11.7 35.0

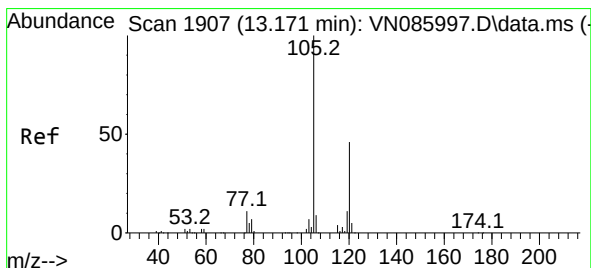
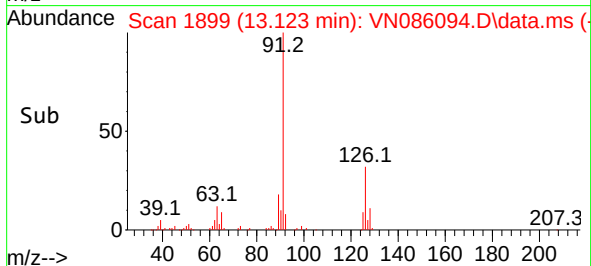
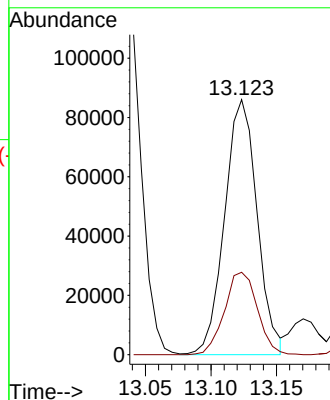
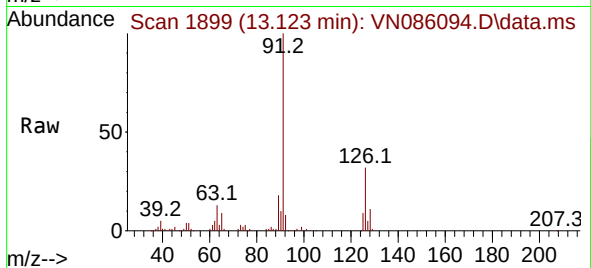




#79
2-Chlorotoluene
Concen: 20.750 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086094.D
Acq: 25 Mar 2025 12:39

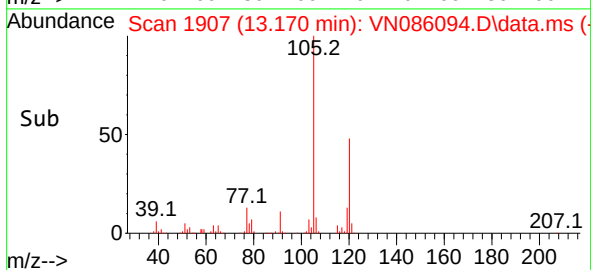
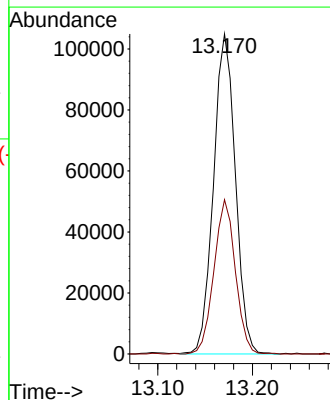
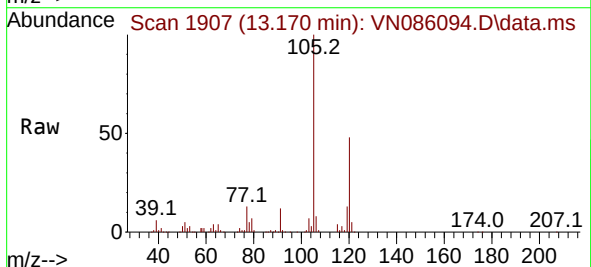
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBS01

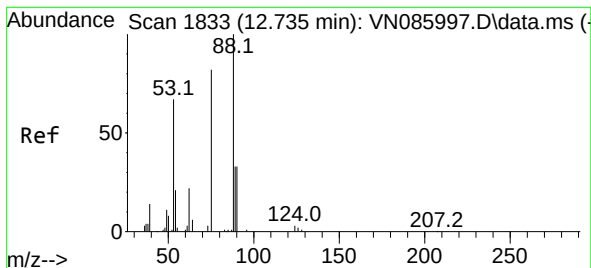
Tgt Ion: 91 Resp: 148595
Ion Ratio Lower Upper
91 100
126 32.7 16.4 49.2



#80
1,3,5-Trimethylbenzene
Concen: 20.913 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086094.D
Acq: 25 Mar 2025 12:39

Tgt Ion: 105 Resp: 168119
Ion Ratio Lower Upper
105 100
120 47.2 23.7 71.1

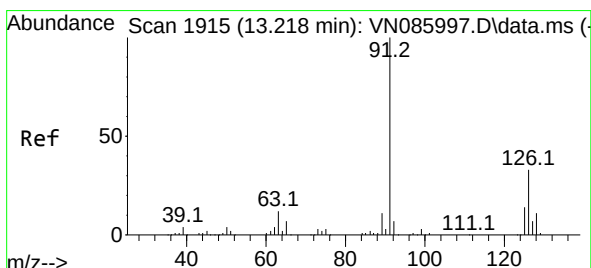
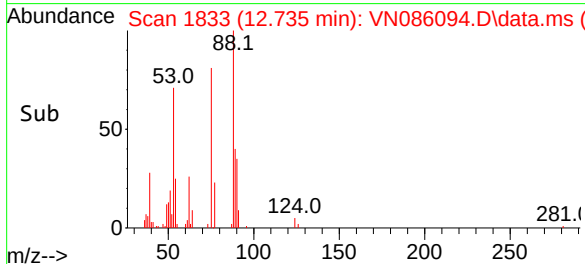
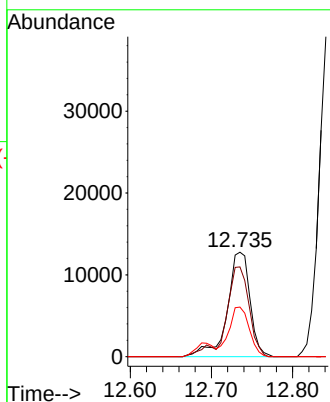
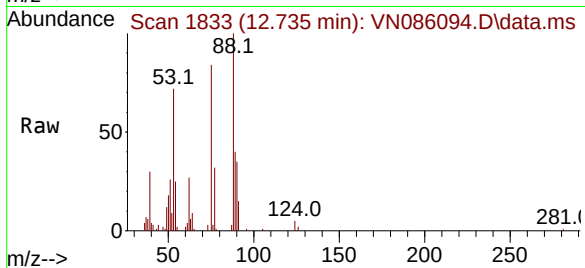




#81
 trans-1,4-Dichloro-2-butene
 Concen: 21.060 ug/l
 RT: 12.735 min Scan# 1833
 Delta R.T. -0.000 min
 Lab File: VN086094.D
 Acq: 25 Mar 2025 12:39

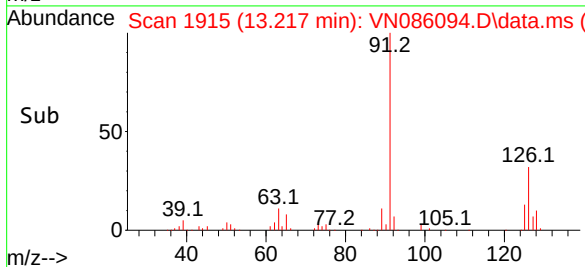
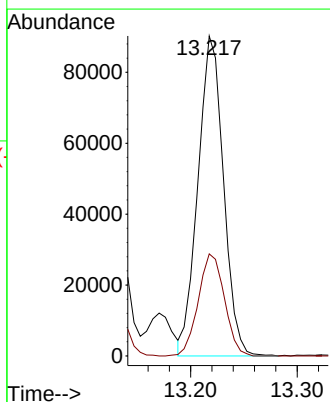
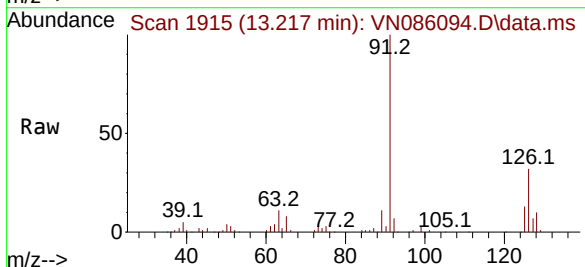
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0325WBS01

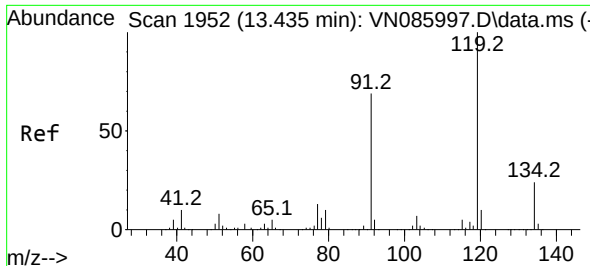
Tgt Ion: 75 Resp: 24866
 Ion Ratio Lower Upper
 75 100
 53 86.2 66.0 99.0
 89 42.6 36.9 55.3



#82
 4-Chlorotoluene
 Concen: 20.406 ug/l
 RT: 13.217 min Scan# 1915
 Delta R.T. -0.000 min
 Lab File: VN086094.D
 Acq: 25 Mar 2025 12:39

Tgt Ion: 91 Resp: 150275
 Ion Ratio Lower Upper
 91 100
 126 32.7 16.1 48.2

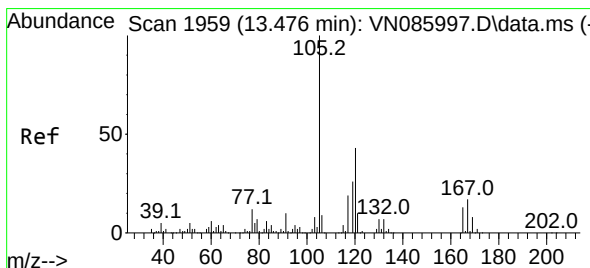
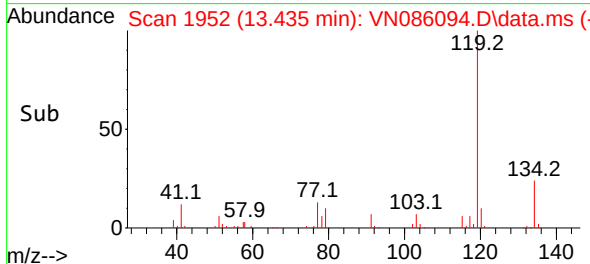
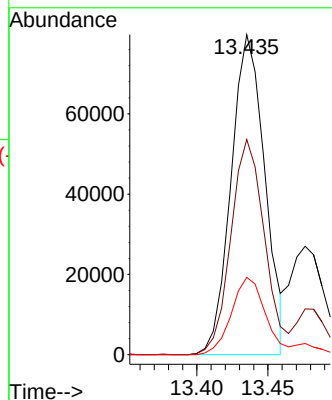
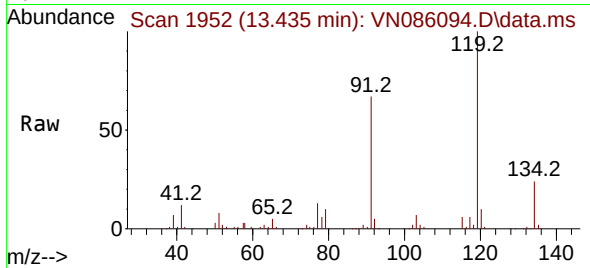




#83
tert-Butylbenzene
Concen: 19.202 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086094.D
Acq: 25 Mar 2025 12:39

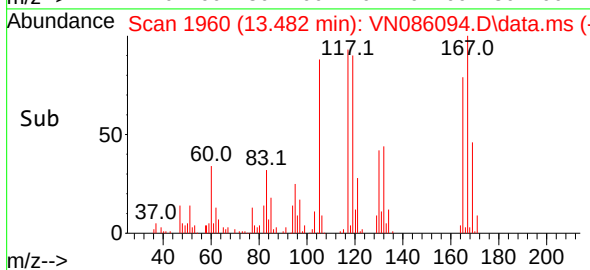
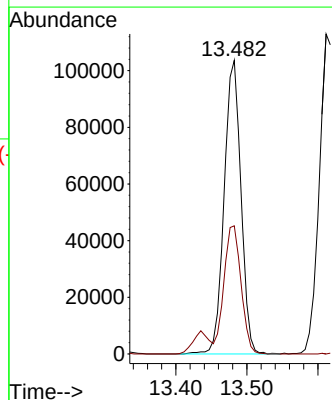
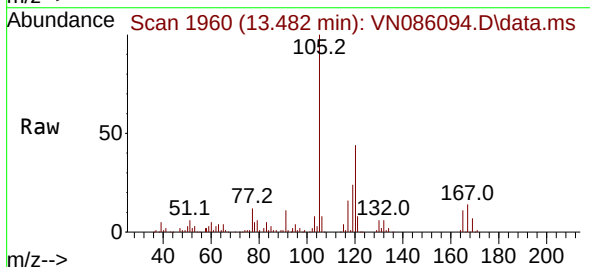
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBS01

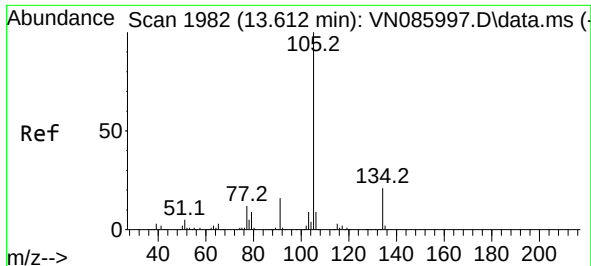
Tgt Ion:119 Resp: 132020
Ion Ratio Lower Upper
119 100
91 67.3 34.3 102.9
134 24.2 13.5 40.5



#84
1,2,4-Trimethylbenzene
Concen: 20.951 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN086094.D
Acq: 25 Mar 2025 12:39

Tgt Ion:105 Resp: 169874
Ion Ratio Lower Upper
105 100
120 44.4 21.9 65.8

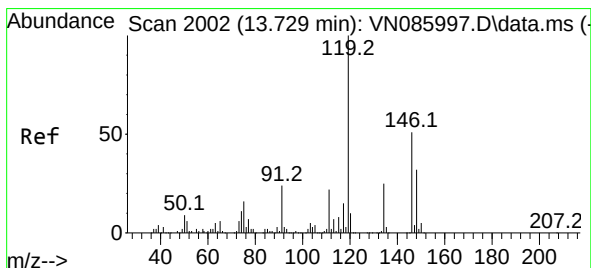
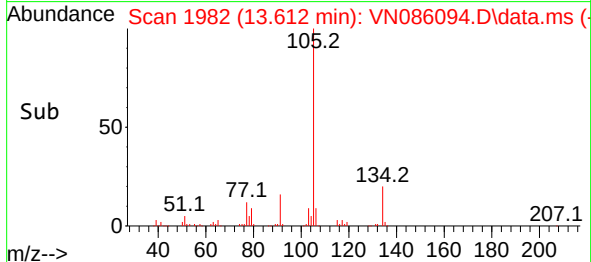
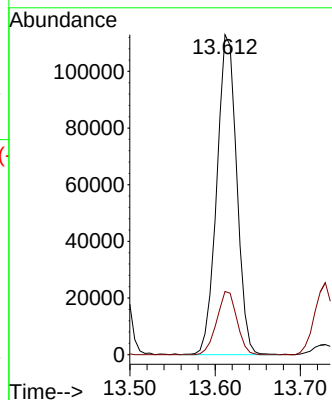
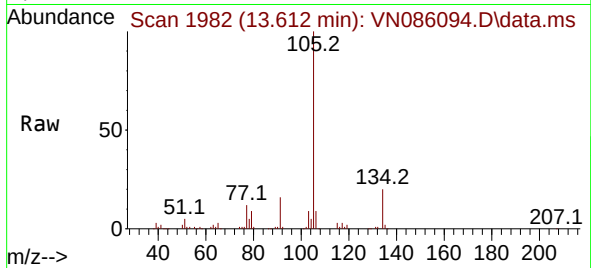




#85
 sec-Butylbenzene
 Concen: 20.480 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086094.D
 Acq: 25 Mar 2025 12:39

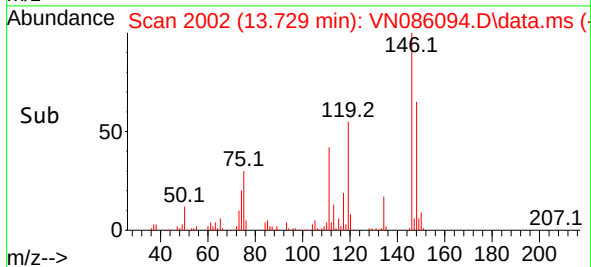
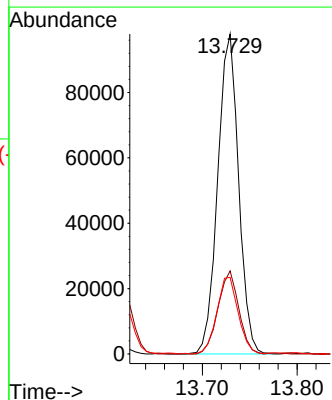
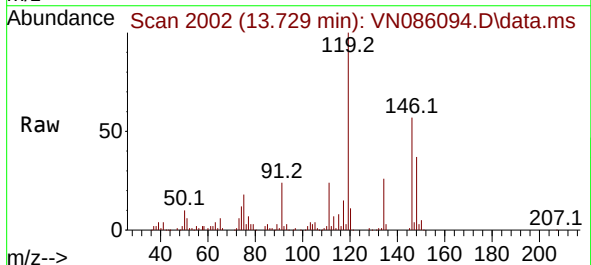
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0325WBS01

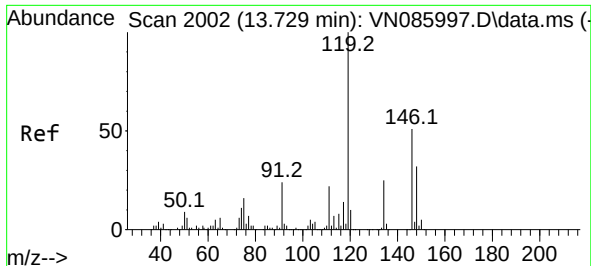
Tgt Ion:105 Resp: 183683
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 19.778 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086094.D
 Acq: 25 Mar 2025 12:39

Tgt Ion:119 Resp: 150162
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.6 37.8
 91 24.6 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 20.117 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN086094.D

Acq: 25 Mar 2025 12:39

Instrument :

MSVOA_N

ClientSampleId :

VN0325WBS01

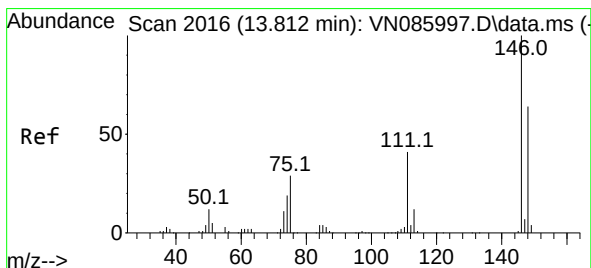
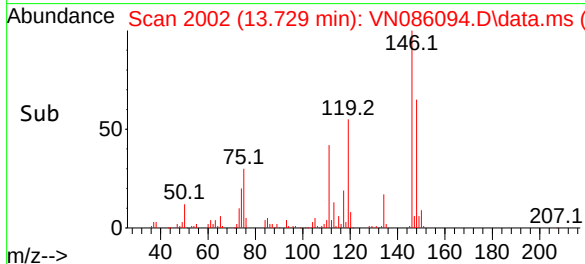
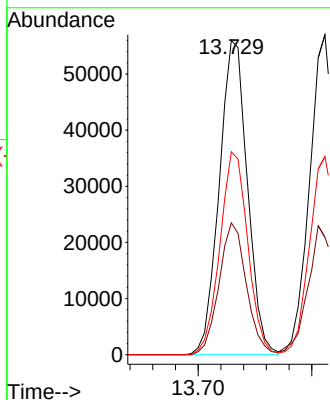
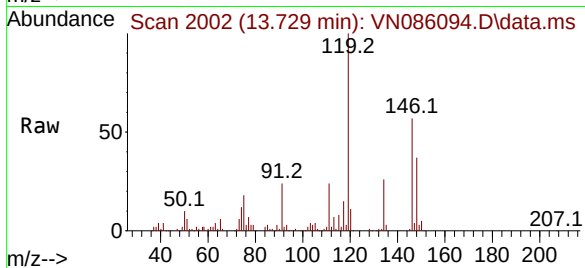
Tgt Ion:146 Resp: 96274

Ion Ratio Lower Upper

146 100

111 40.9 21.2 63.6

148 64.0 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 18.656 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN086094.D

Acq: 25 Mar 2025 12:39

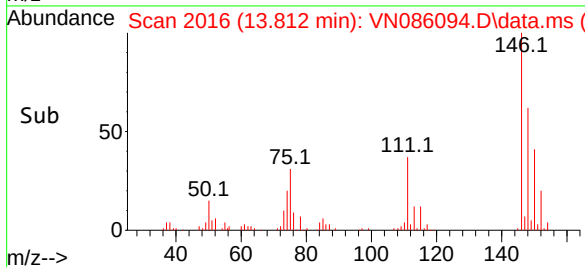
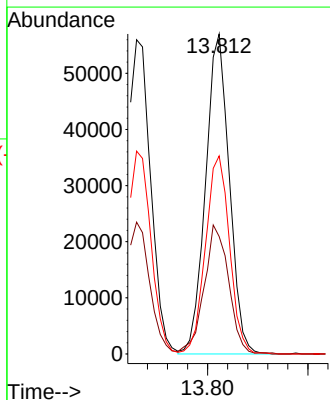
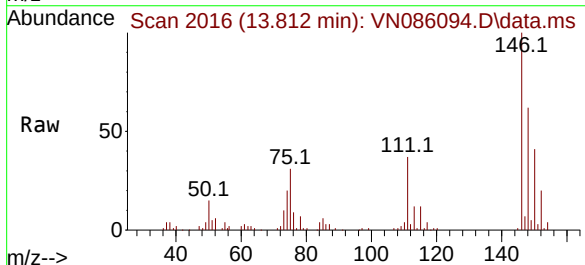
Tgt Ion:146 Resp: 93804

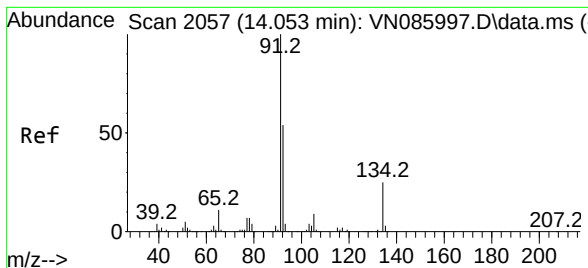
Ion Ratio Lower Upper

146 100

111 41.7 20.4 61.3

148 62.8 32.1 96.5





#89

n-Butylbenzene

Concen: 18.168 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN086094.D

Acq: 25 Mar 2025 12:39

Instrument :

MSVOA_N

ClientSampleId :

VN0325WBS01

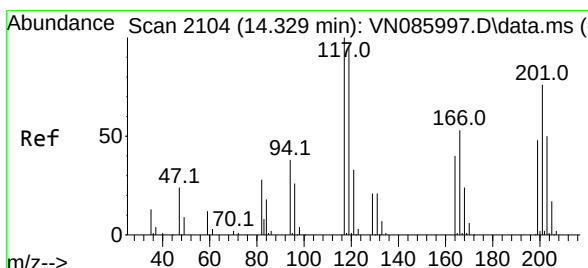
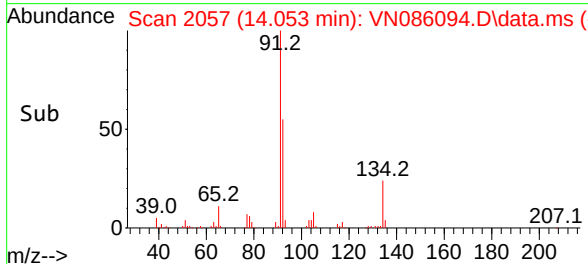
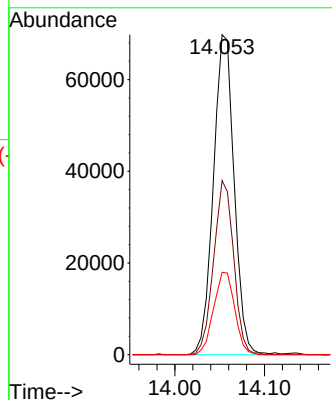
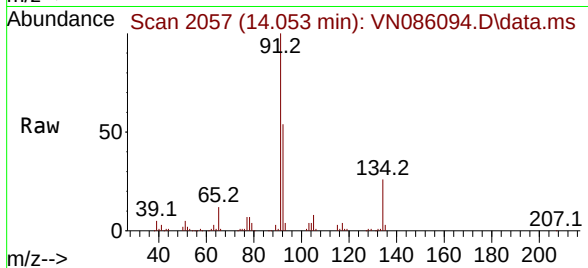
Tgt Ion: 91 Resp: 112330

Ion Ratio Lower Upper

91 100

92 52.4 26.9 80.6

134 26.1 13.0 39.0



#90

Hexachloroethane

Concen: 18.664 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.006 min

Lab File: VN086094.D

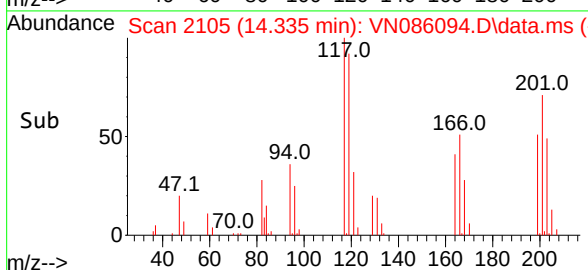
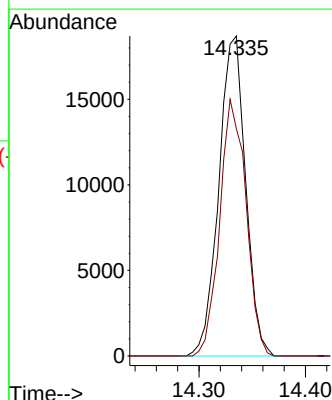
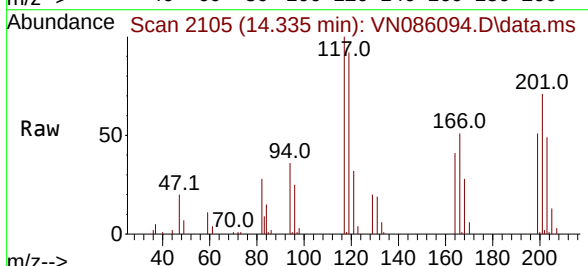
Acq: 25 Mar 2025 12:39

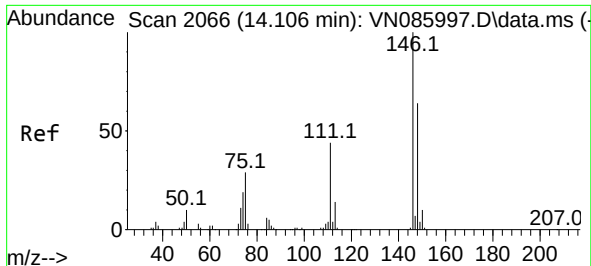
Tgt Ion: 117 Resp: 32697

Ion Ratio Lower Upper

117 100

201 78.5 39.1 117.3

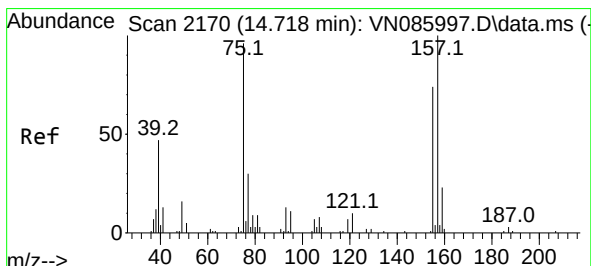
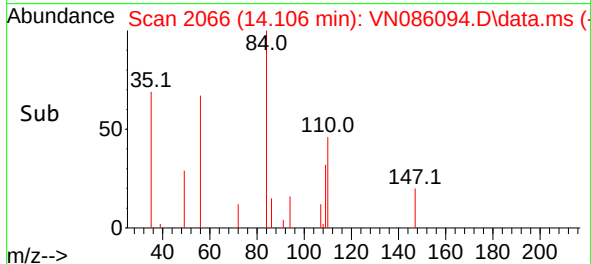
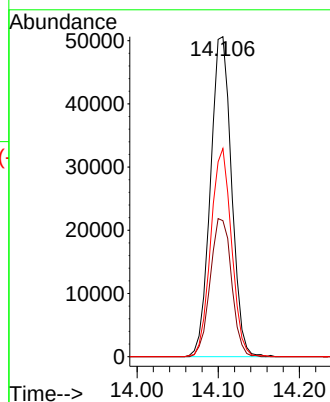
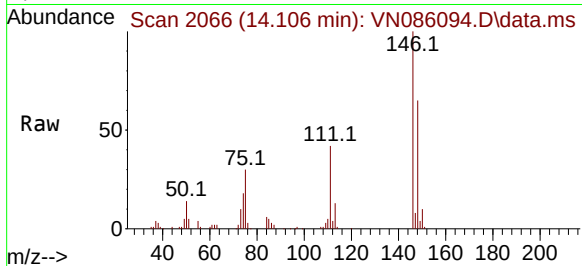




#91
1,2-Dichlorobenzene
Concen: 19.180 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN086094.D
Acq: 25 Mar 2025 12:39

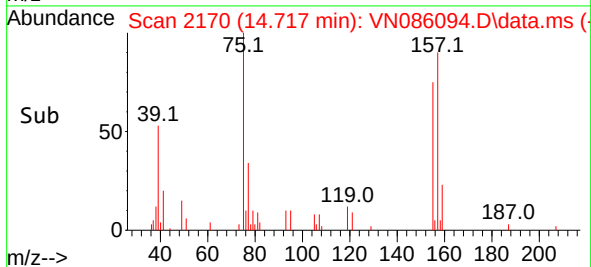
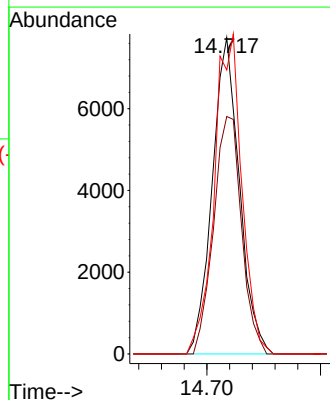
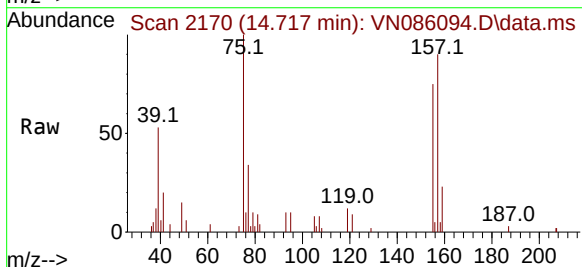
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBS01

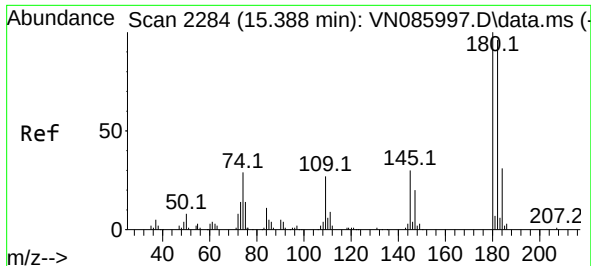
Tgt Ion:	146	Resp:	91245
Ion	Ratio	Lower	Upper
146	100		
111	43.7	22.3	66.8
148	64.0	32.1	96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.993 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086094.D
Acq: 25 Mar 2025 12:39

Tgt Ion:	75	Resp:	12856
Ion	Ratio	Lower	Upper
75	100		
155	77.2	41.0	123.0
157	102.2	53.7	161.1

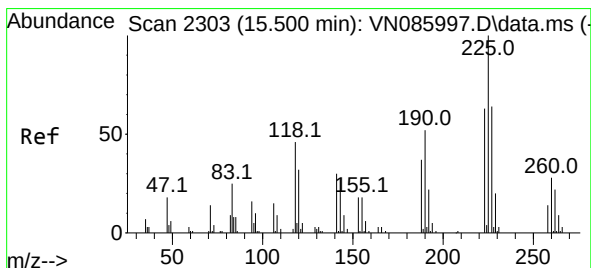
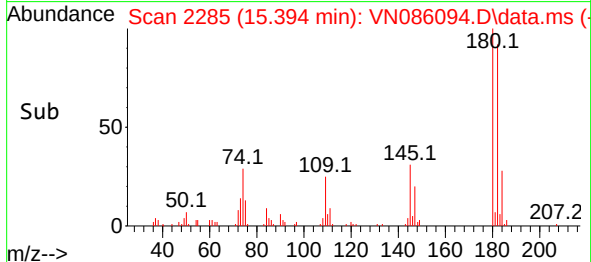
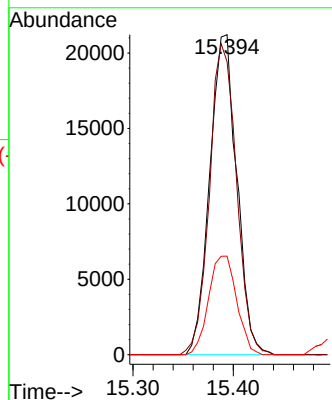
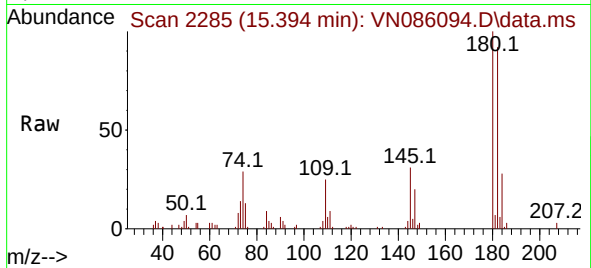




#93
1,2,4-Trichlorobenzene
Concen: 16.633 ug/l
RT: 15.394 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN086094.D
Acq: 25 Mar 2025 12:39

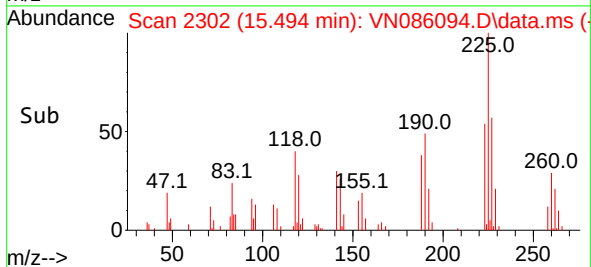
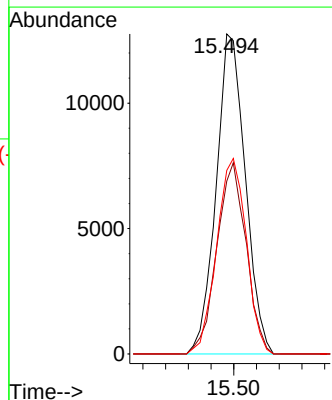
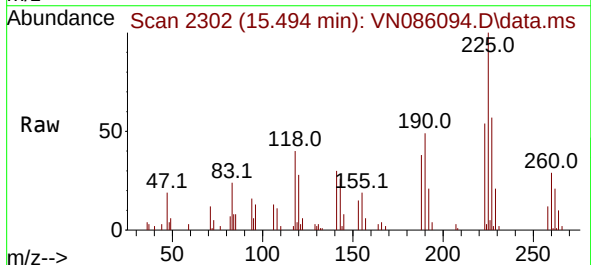
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBS01

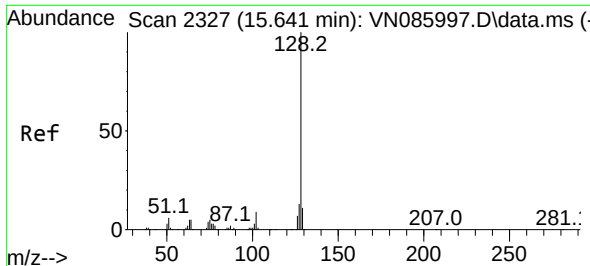
Tgt Ion:180 Resp: 39788
Ion Ratio Lower Upper
180 100
182 96.8 47.0 141.0
145 31.9 15.5 46.5



#94
Hexachlorobutadiene
Concen: 16.397 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN086094.D
Acq: 25 Mar 2025 12:39

Tgt Ion:225 Resp: 22756
Ion Ratio Lower Upper
225 100
223 59.9 31.3 93.9
227 62.2 32.1 96.3

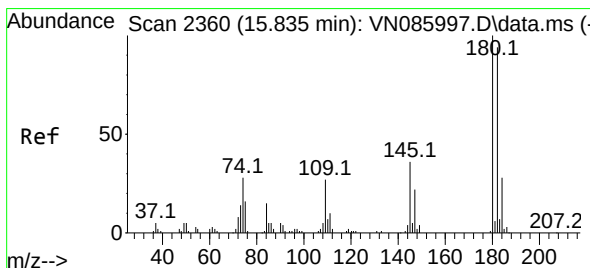
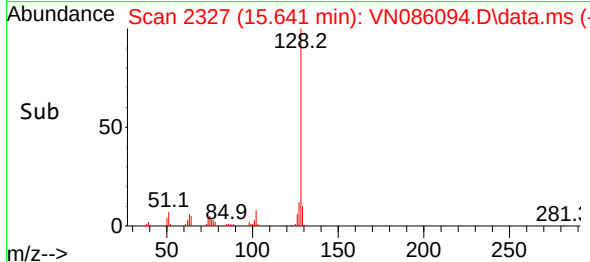
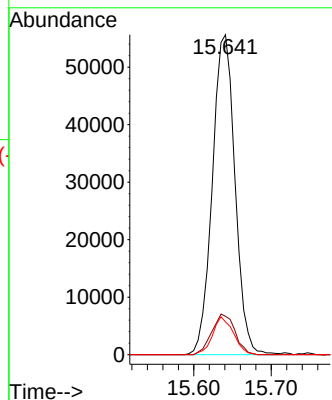
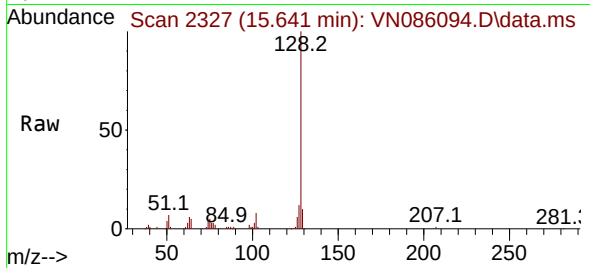




#95
Naphthalene
Concen: 16.349 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN086094.D
Acq: 25 Mar 2025 12:39

Instrument :
MSVOA_N
ClientSampleId :
VN0325WBS01

Tgt Ion:128 Resp: 113242
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.8 9.0 13.6



#96
1,2,3-Trichlorobenzene
Concen: 18.033 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086094.D
Acq: 25 Mar 2025 12:39

Tgt Ion:180 Resp: 40932
Ion Ratio Lower Upper
180 100
182 93.7 47.5 142.5
145 32.4 17.7 53.1

