

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052225\
 Data File : VN086760.D
 Acq On : 22 May 2025 12:43
 Operator : JC\MD
 Sample : VN0522WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0522WBSD01

Quant Time: May 23 01:36:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:46:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	265788	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	467000	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	412185	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	184049	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	161164	43.882	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.760%
35) Dibromofluoromethane	8.165	113	138677	49.863	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.720%
50) Toluene-d8	10.565	98	582615	50.551	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.100%
62) 4-Bromofluorobenzene	12.847	95	205484	50.493	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.980%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	53630	18.684	ug/l	99
3) Chloromethane	2.359	50	68827	15.853	ug/l	99
4) Vinyl Chloride	2.512	62	65327	16.755	ug/l	97
5) Bromomethane	2.954	94	37694	16.770	ug/l	91
6) Chloroethane	3.118	64	42340	16.577	ug/l	96
7) Trichlorofluoromethane	3.501	101	85638	18.379	ug/l	99
8) Diethyl Ether	3.959	74	35863	18.631	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.371	101	52669	18.881	ug/l	96
10) Methyl Iodide	4.589	142	62369	17.974	ug/l	97
11) Tert butyl alcohol	5.512	59	57084	85.341	ug/l	100
12) 1,1-Dichloroethene	4.342	96	54357	18.336	ug/l	97
13) Acrolein	4.177	56	51747	72.367	ug/l	100
14) Allyl chloride	5.024	41	76027	16.943	ug/l	93
15) Acrylonitrile	5.718	53	142540	86.067	ug/l	100
16) Acetone	4.430	43	105388	76.711	ug/l	93
17) Carbon Disulfide	4.712	76	139303	16.972	ug/l	98
18) Methyl Acetate	5.024	43	65992	17.162	ug/l	97
19) Methyl tert-butyl Ether	5.789	73	184235	18.252	ug/l	95
20) Methylene Chloride	5.277	84	62446	17.225	ug/l	95
21) trans-1,2-Dichloroethene	5.783	96	57617	18.383	ug/l	96
22) Diisopropyl ether	6.671	45	175093	17.296	ug/l	94
23) Vinyl Acetate	6.600	43	621824	81.731	ug/l	98
24) 1,1-Dichloroethane	6.565	63	105112	17.685	ug/l	99
25) 2-Butanone	7.477	43	173831	81.882	ug/l	94
26) 2,2-Dichloropropane	7.489	77	86812	17.699	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	71006	18.456	ug/l	96
28) Bromochloromethane	7.812	49	44782	16.584	ug/l	87
29) Tetrahydrofuran	7.836	42	115587	83.415	ug/l	95
30) Chloroform	7.965	83	105790	17.783	ug/l	98
31) Cyclohexane	8.253	56	93276	16.922	ug/l	92
32) 1,1,1-Trichloroethane	8.165	97	92289	18.400	ug/l	98
36) 1,1-Dichloropropene	8.365	75	76778	18.716	ug/l	98
37) Ethyl Acetate	7.553	43	69842	16.854	ug/l	97
38) Carbon Tetrachloride	8.359	117	77330	19.132	ug/l	98
39) Methylcyclohexane	9.594	83	85861	19.338	ug/l	100
40) Benzene	8.606	78	251767	18.813	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	37387	16.710	ug/l	92
42) 1,2-Dichloroethane	8.665	62	74237	17.806	ug/l	98
43) Isopropyl Acetate	8.683	43	127642	15.365	ug/l	97
44) Trichloroethene	9.347	130	66452	20.587	ug/l	100
45) 1,2-Dichloropropane	9.618	63	57960	18.231	ug/l	96
46) Dibromomethane	9.706	93	40659	18.954	ug/l	97
47) Bromodichloromethane	9.883	83	82510	18.668	ug/l	98
48) Methyl methacrylate	9.677	41	54314	16.872	ug/l	91
49) 1,4-Dioxane	9.688	88	25390	372.482	ug/l	96
51) 4-Methyl-2-Pentanone	10.441	43	361782	86.357	ug/l	97
52) Toluene	10.624	92	162055	19.483	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	88904	18.998	ug/l	97
54) cis-1,3-Dichloropropene	10.306	75	97718	19.129	ug/l	94
55) 1,1,2-Trichloroethane	11.012	97	58415	18.827	ug/l	94
56) Ethyl methacrylate	10.871	69	96382	19.347	ug/l	93
57) 1,3-Dichloropropane	11.159	76	99308	18.579	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	207339	93.125	ug/l	97
59) 2-Hexanone	11.194	43	263823	86.236	ug/l	96
60) Dibromochloromethane	11.353	129	64893	19.957	ug/l	98
61) 1,2-Dibromoethane	11.465	107	59258	19.006	ug/l	98
64) Tetrachloroethene	11.100	164	71384	22.607	ug/l	95
65) Chlorobenzene	11.888	112	178243	19.720	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	58860	20.172	ug/l	99
67) Ethyl Benzene	11.959	91	305633	19.742	ug/l	97
68) m/p-Xylenes	12.071	106	238307	40.641	ug/l	97
69) o-Xylene	12.394	106	117625	20.177	ug/l	99
70) Styrene	12.406	104	192685	20.188	ug/l	99
71) Bromoform	12.576	173	42985	20.714	ug/l #	98
73) Isopropylbenzene	12.694	105	279374	19.654	ug/l	100
74) N-amyl acetate	12.488	43	101205	17.040	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.935	83	75083	17.193	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	107233	25.762	ug/l	63
77) Bromobenzene	12.976	156	69622	19.471	ug/l	94
78) n-propylbenzene	13.029	91	314234	19.263	ug/l	98
79) 2-Chlorotoluene	13.123	91	201042	18.954	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	228021	20.022	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.729	75	32378	19.631	ug/l	95
82) 4-Chlorotoluene	13.218	91	200878	19.116	ug/l	99
83) tert-Butylbenzene	13.435	119	197147	19.850	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	228862	20.180	ug/l	100
85) sec-Butylbenzene	13.612	105	265664	19.949	ug/l	99
86) p-Isopropyltoluene	13.723	119	225702	20.676	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	121837	19.677	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	122969	20.044	ug/l	98
89) n-Butylbenzene	14.053	91	181329	20.038	ug/l	99
90) Hexachloroethane	14.329	117	35453	19.575	ug/l	97
91) 1,2-Dichlorobenzene	14.100	146	116842	19.839	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.712	75	13384	18.500	ug/l	89
93) 1,2,4-Trichlorobenzene	15.388	180	53350	21.461	ug/l	100
94) Hexachlorobutadiene	15.494	225	21497	20.842	ug/l	96
95) Naphthalene	15.635	128	539424	62.494	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	51817	21.285	ug/l	96

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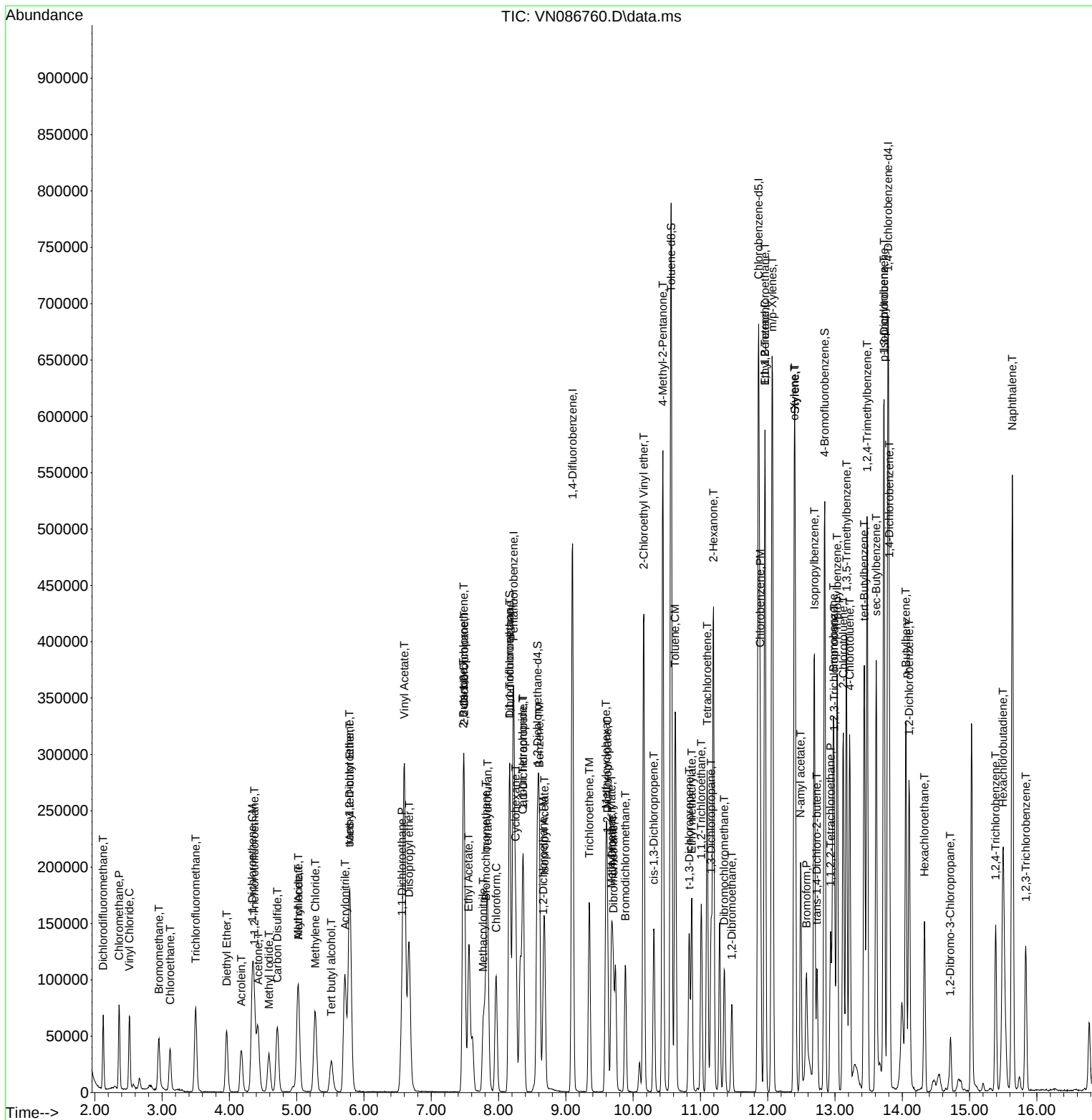
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBSD01

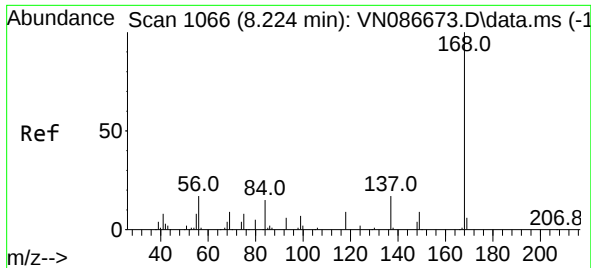
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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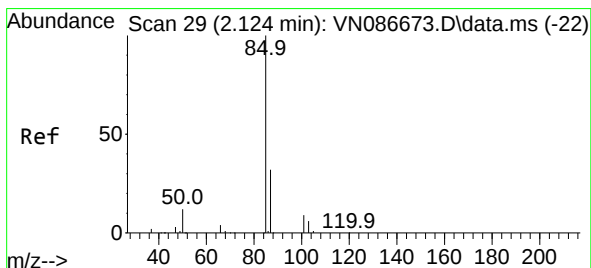
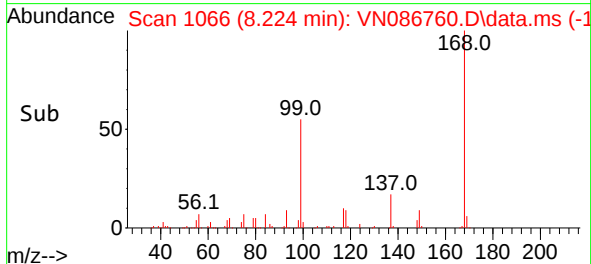
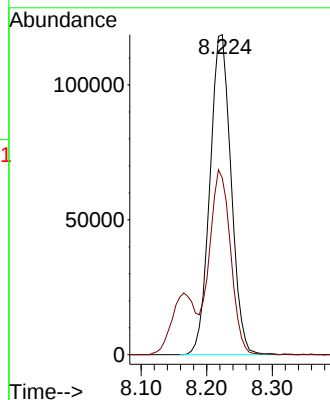
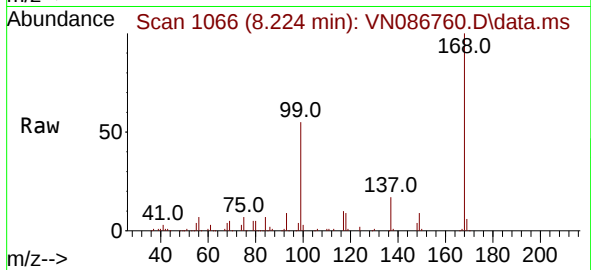




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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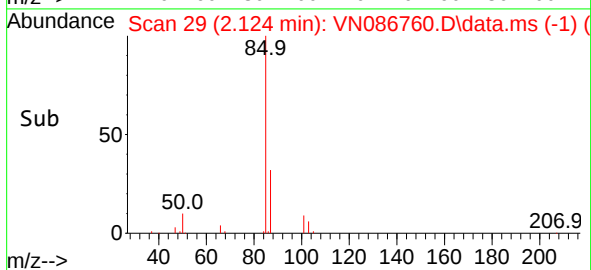
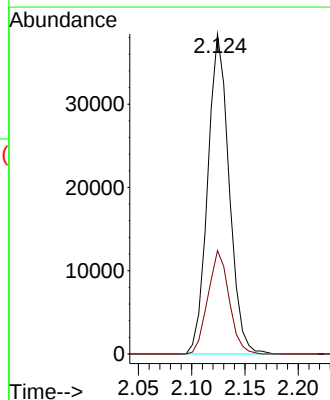
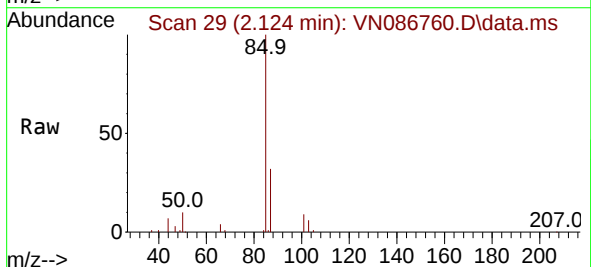
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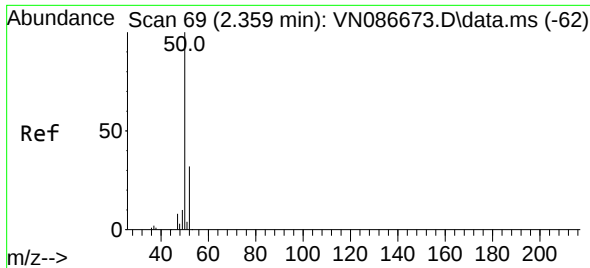
Tgt Ion:168 Resp: 265788
Ion Ratio Lower Upper
168 100
99 55.2 47.0 70.4



#2
Dichlorodifluoromethane
Concen: 18.684 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086760.D
Acq: 22 May 2025 12:43

Tgt Ion: 85 Resp: 53630
Ion Ratio Lower Upper
85 100
87 32.3 15.9 47.6

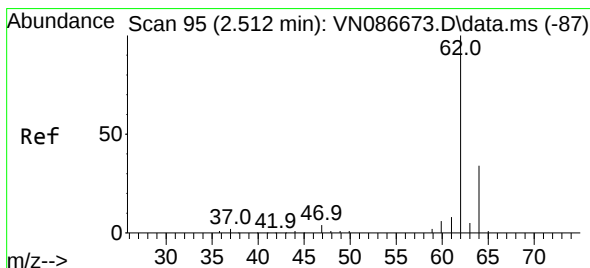
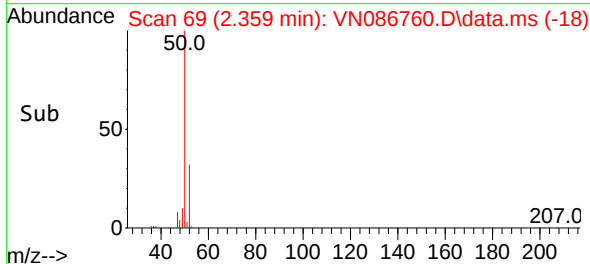
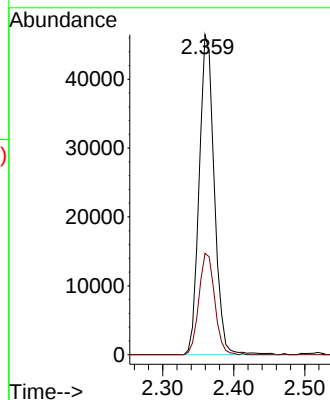
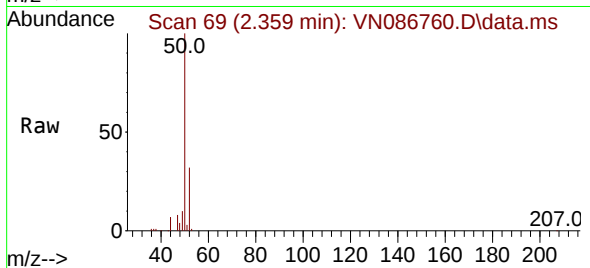




#3
Chloromethane
Concen: 15.853 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN086760.D
Acq: 22 May 2025 12:43

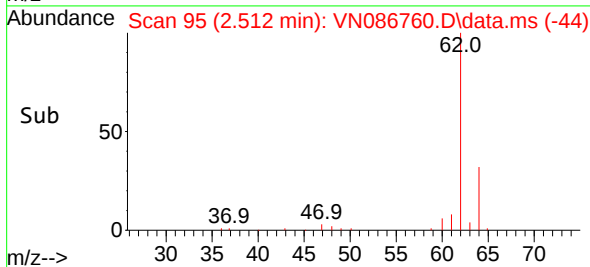
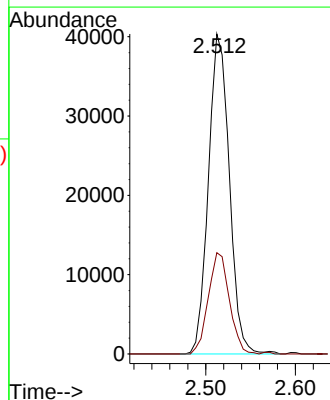
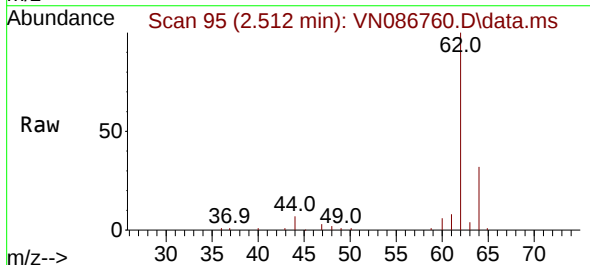
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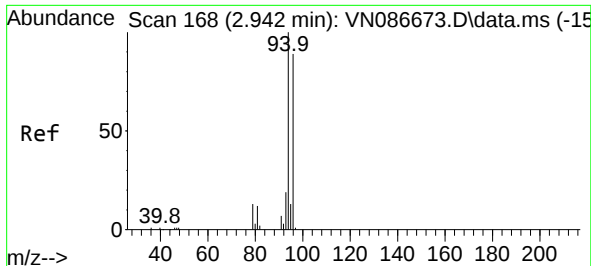
Tgt Ion: 50 Resp: 68827
Ion Ratio Lower Upper
50 100
52 31.7 25.9 38.9



#4
Vinyl Chloride
Concen: 16.755 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN086760.D
Acq: 22 May 2025 12:43

Tgt Ion: 62 Resp: 65327
Ion Ratio Lower Upper
62 100
64 31.7 26.9 40.3

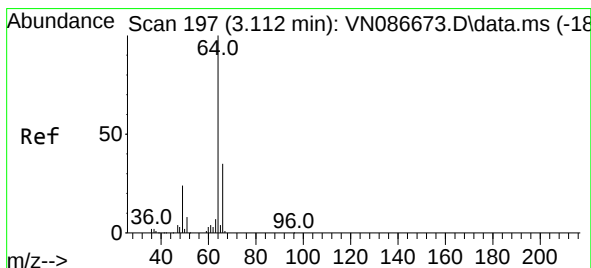
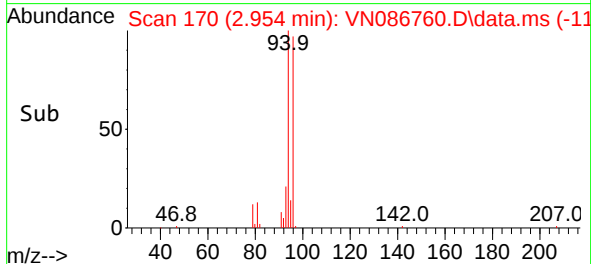
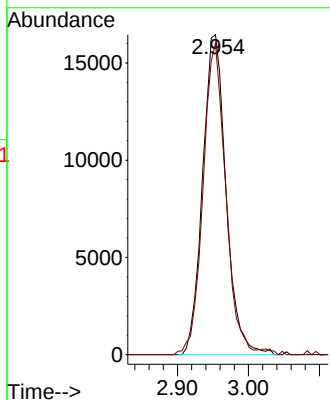
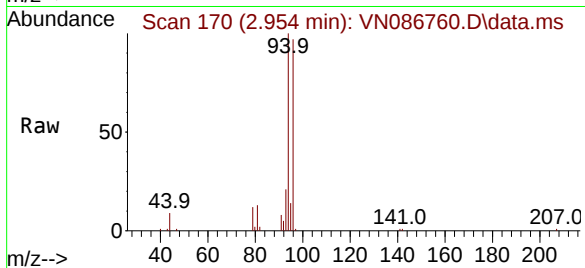




#5
Bromomethane
Concen: 16.770 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN086760.D
Acq: 22 May 2025 12:43

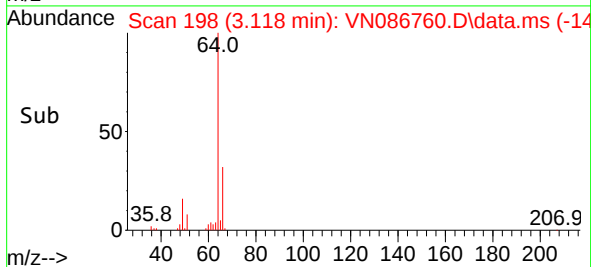
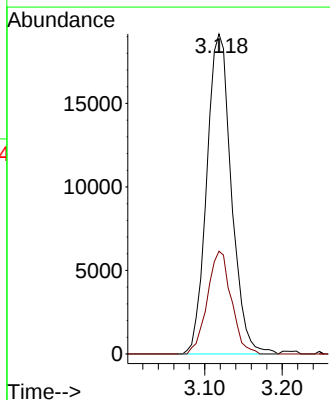
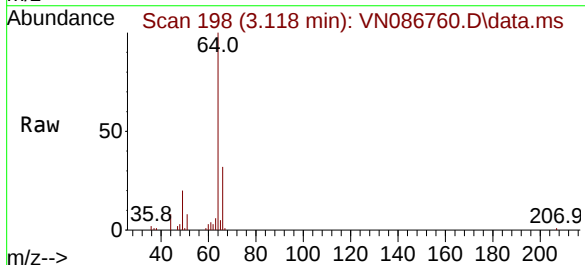
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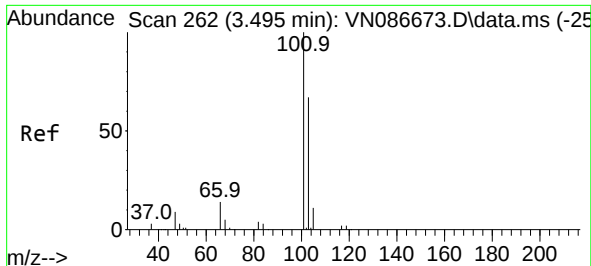
Tgt Ion: 94 Resp: 37694
Ion Ratio Lower Upper
94 100
96 97.3 71.2 106.8



#6
Chloroethane
Concen: 16.577 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN086760.D
Acq: 22 May 2025 12:43

Tgt Ion: 64 Resp: 42340
Ion Ratio Lower Upper
64 100
66 32.1 27.7 41.5

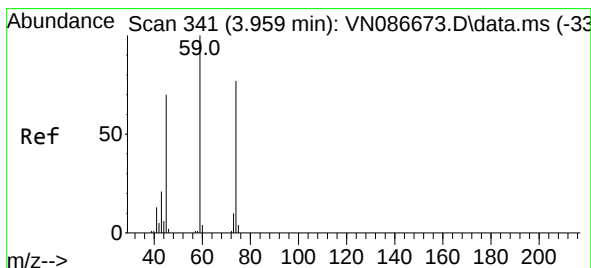
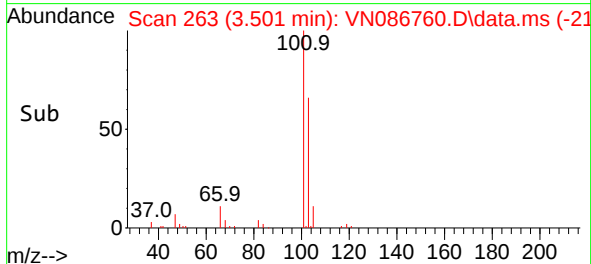
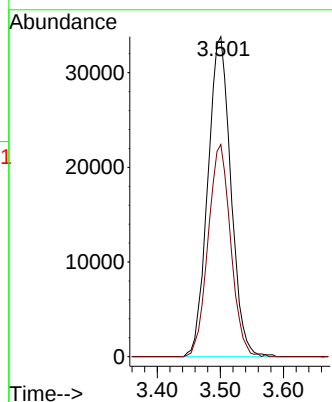
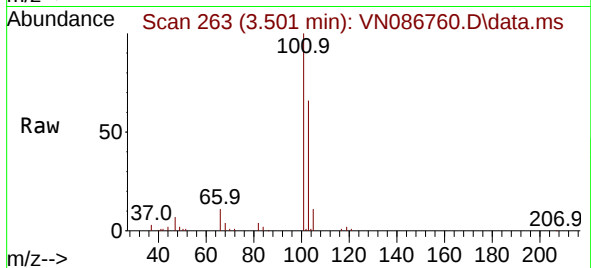




#7
Trichlorofluoromethane
Concen: 18.379 ug/l
RT: 3.501 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN086760.D
Acq: 22 May 2025 12:43

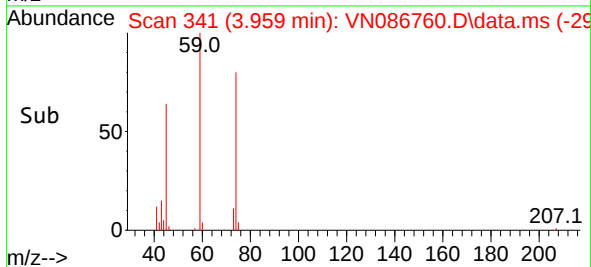
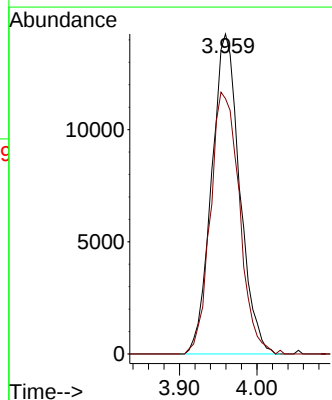
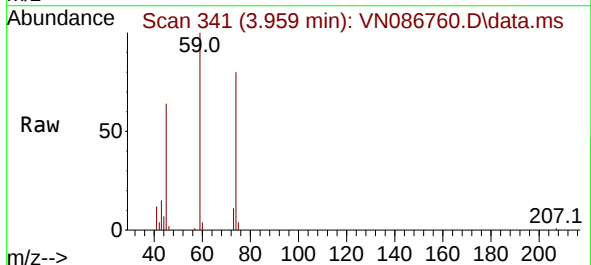
Instrument :
MSVOA_N
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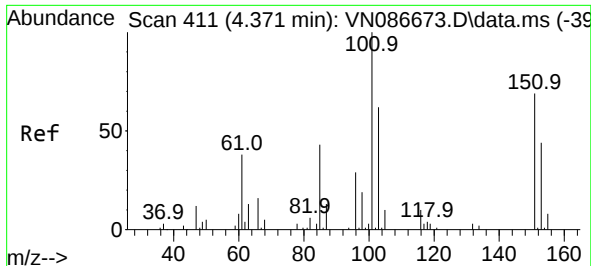
Tgt Ion:101 Resp: 85638
Ion Ratio Lower Upper
101 100
103 66.3 53.4 80.0



#8
Diethyl Ether
Concen: 18.631 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
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Acq: 22 May 2025 12:43

Tgt Ion: 74 Resp: 35863
Ion Ratio Lower Upper
74 100
45 84.6 45.0 135.0

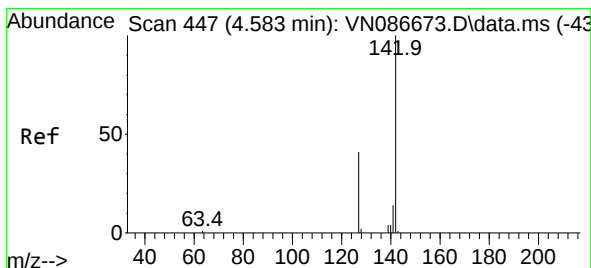
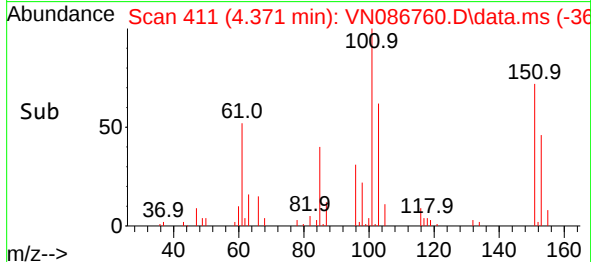
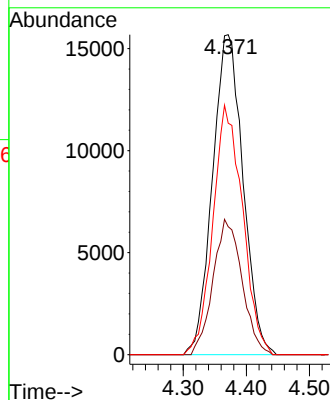
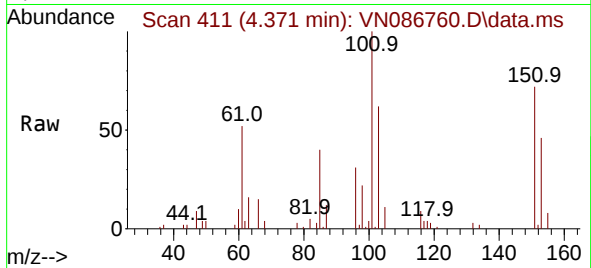




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.881 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN086760.D
Acq: 22 May 2025 12:43

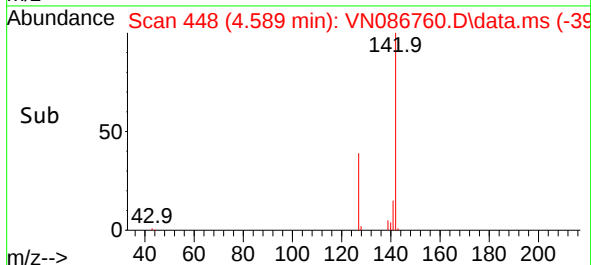
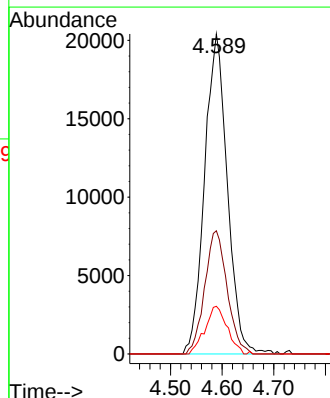
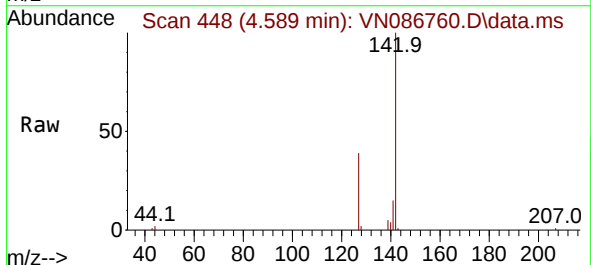
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBSD01

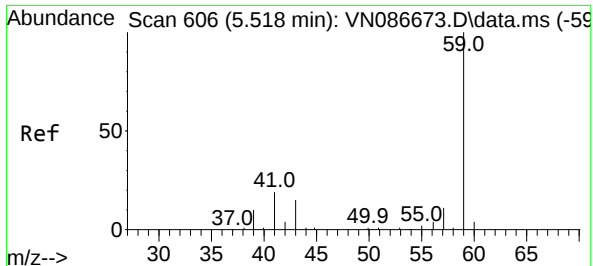
Tgt Ion:101 Resp: 52669
Ion Ratio Lower Upper
101 100
85 40.1 35.0 52.6
151 75.6 58.1 87.1



#10
Methyl Iodide
Concen: 17.974 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN086760.D
Acq: 22 May 2025 12:43

Tgt Ion:142 Resp: 62369
Ion Ratio Lower Upper
142 100
127 38.5 32.4 48.6
141 14.9 11.4 17.2

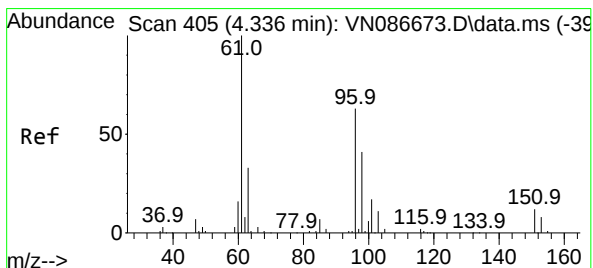
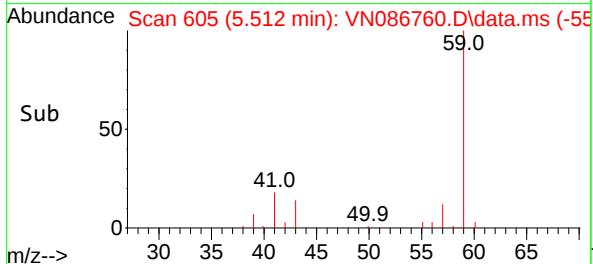
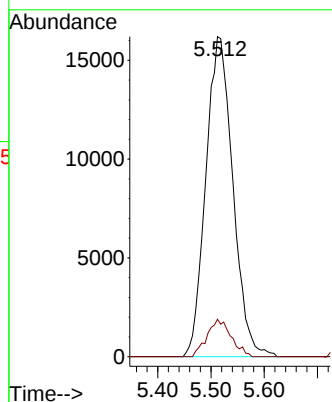
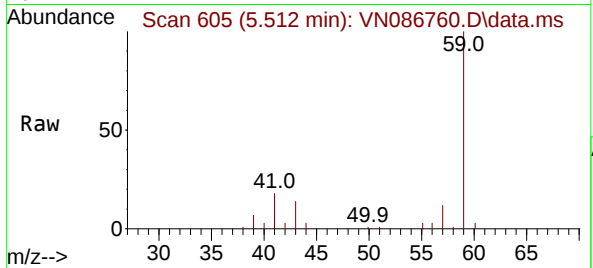




#11
Tert butyl alcohol
Concen: 85.341 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN086760.D
Acq: 22 May 2025 12:43

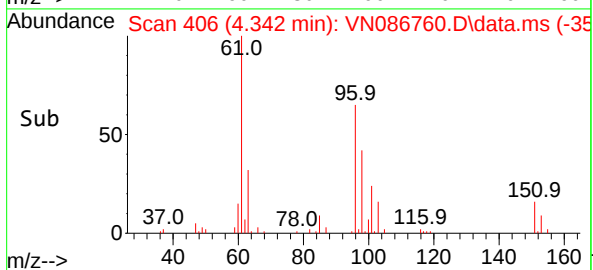
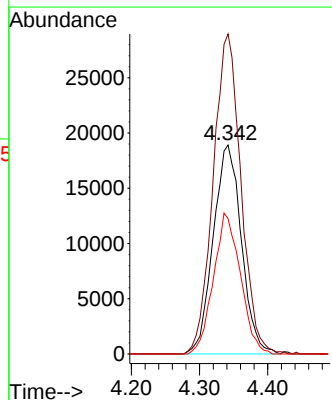
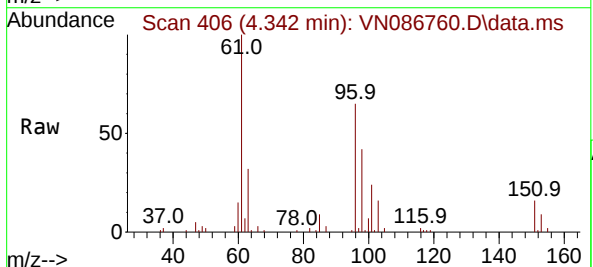
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBSD01

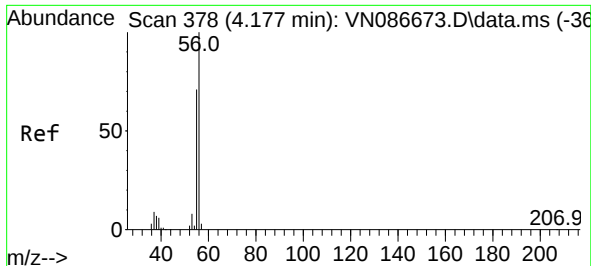
Tgt Ion: 59 Resp: 57084
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.2



#12
1,1-Dichloroethene
Concen: 18.336 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN086760.D
Acq: 22 May 2025 12:43

Tgt Ion: 96 Resp: 54357
Ion Ratio Lower Upper
96 100
61 153.1 126.2 189.2
98 64.8 51.5 77.3

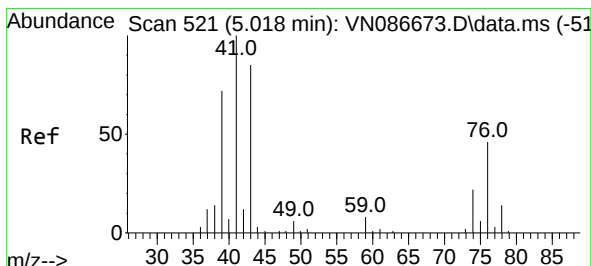
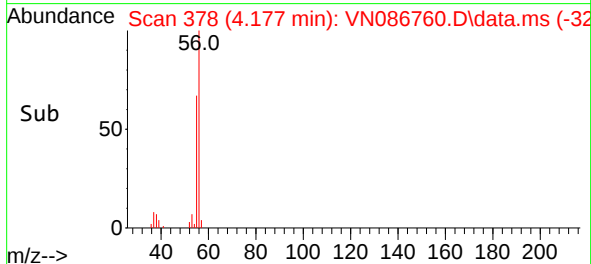
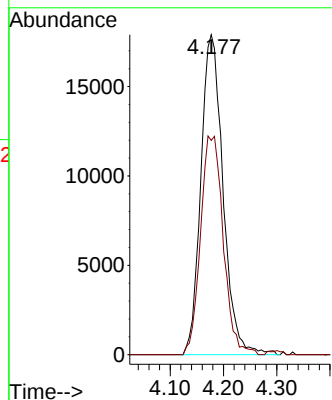
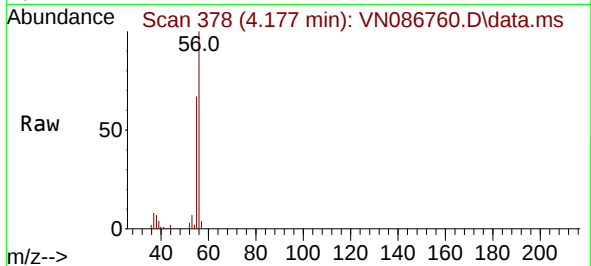




#13
Acrolein
Concen: 72.367 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN086760.D
Acq: 22 May 2025 12:43

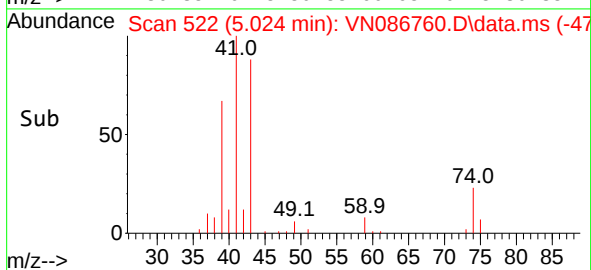
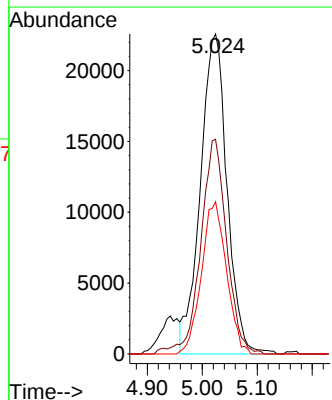
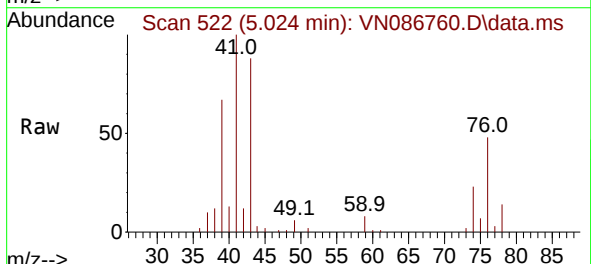
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBSD01

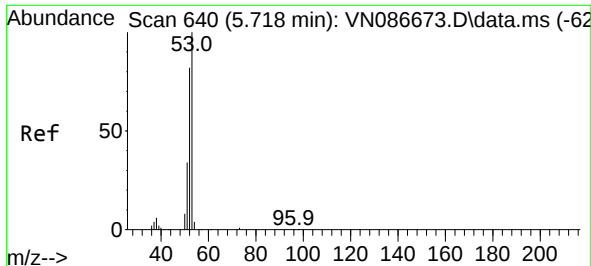
Tgt Ion: 56 Resp: 51747
Ion Ratio Lower Upper
56 100
55 70.0 55.7 83.5



#14
Allyl chloride
Concen: 16.943 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086760.D
Acq: 22 May 2025 12:43

Tgt Ion: 41 Resp: 76027
Ion Ratio Lower Upper
41 100
39 65.4 57.4 86.0
76 44.6 33.2 49.8

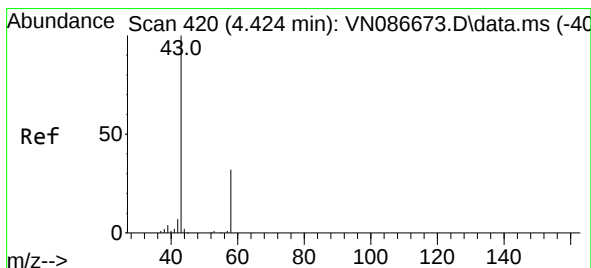
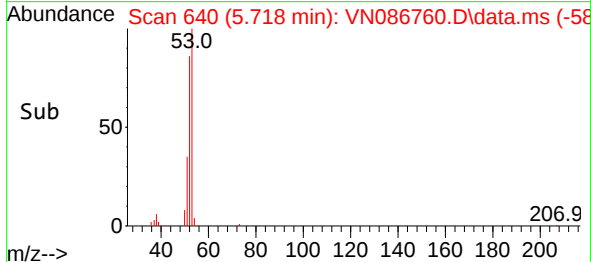
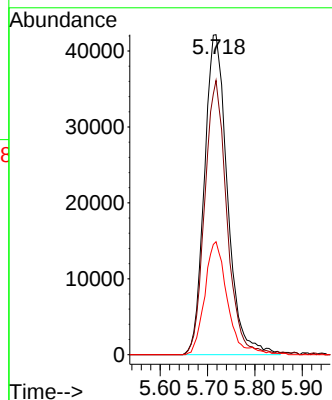
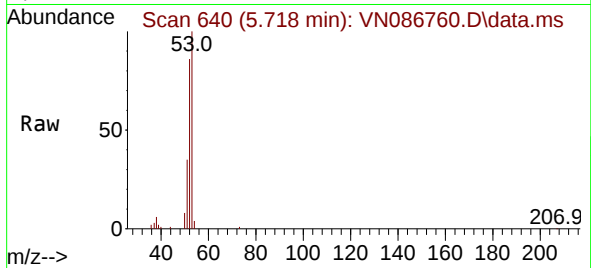




#15
Acrylonitrile
Concen: 86.067 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN086760.D
Acq: 22 May 2025 12:43

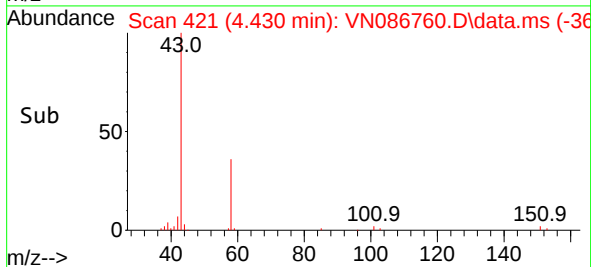
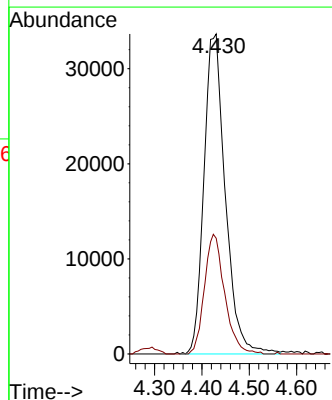
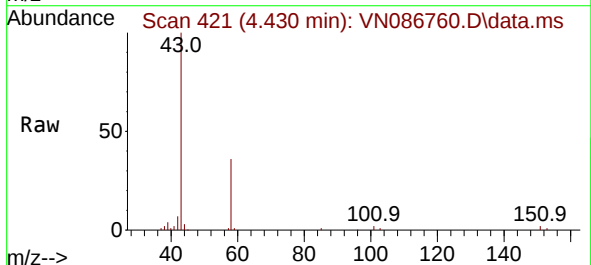
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBSD01

Tgt Ion: 53 Resp: 142540
Ion Ratio Lower Upper
53 100
52 82.2 65.4 98.2
51 34.8 27.9 41.9



#16
Acetone
Concen: 76.711 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086760.D
Acq: 22 May 2025 12:43

Tgt Ion: 43 Resp: 105388
Ion Ratio Lower Upper
43 100
58 36.2 25.8 38.6

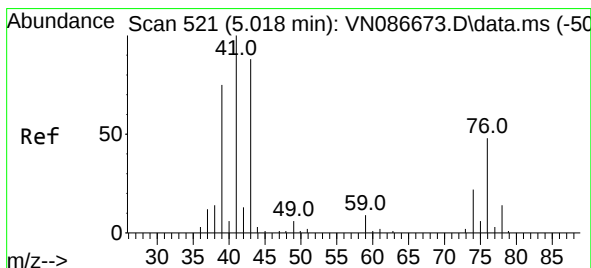
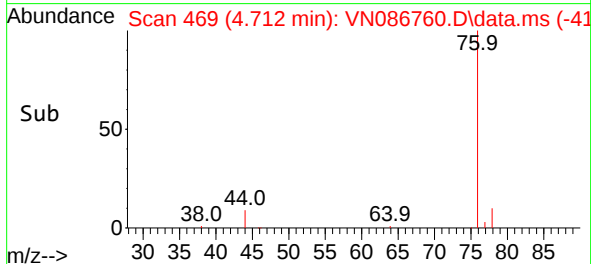
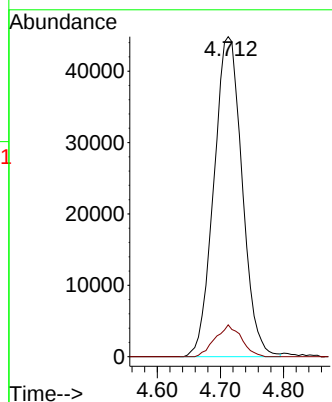
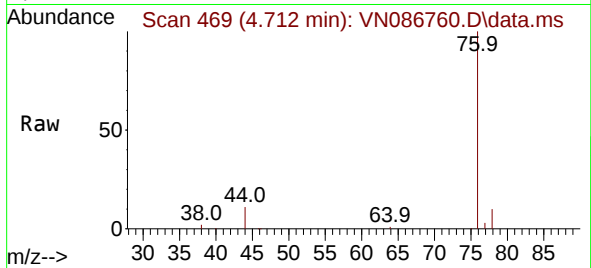




#17
Carbon Disulfide
Concen: 16.972 ug/l
RT: 4.712 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN086760.D
Acq: 22 May 2025 12:43

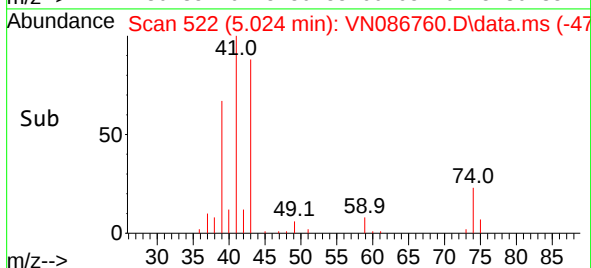
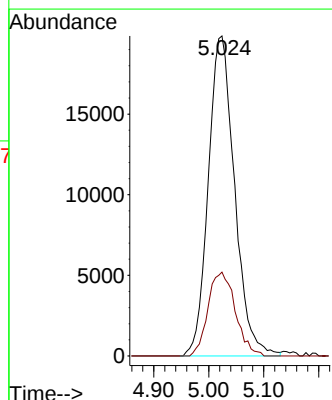
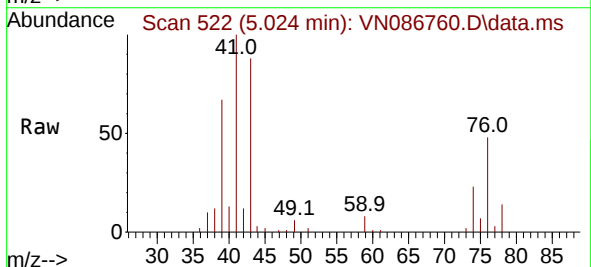
Instrument :
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ClientSampleId :
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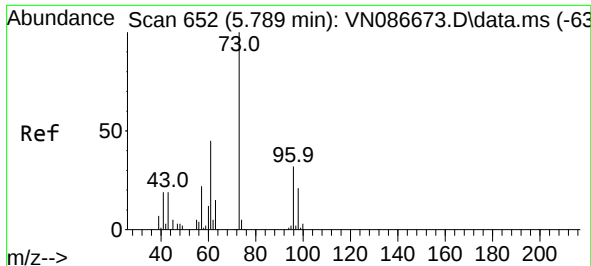
Tgt Ion: 76 Resp: 139303
Ion Ratio Lower Upper
76 100
78 10.0 7.3 10.9



#18
Methyl Acetate
Concen: 17.162 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086760.D
Acq: 22 May 2025 12:43

Tgt Ion: 43 Resp: 65992
Ion Ratio Lower Upper
43 100
74 27.2 20.5 30.7

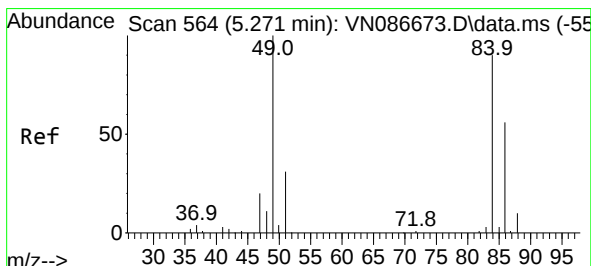
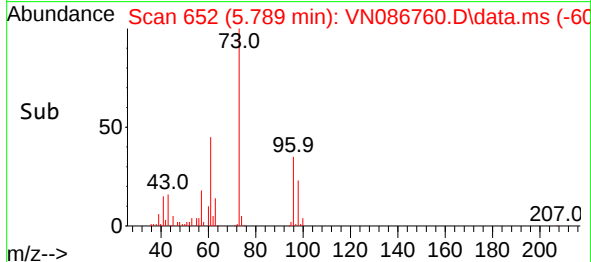
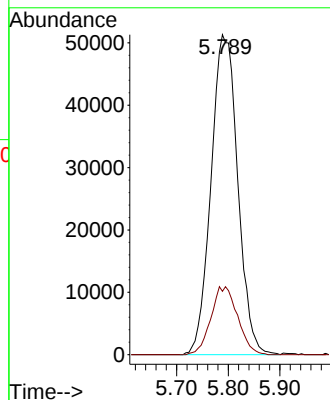
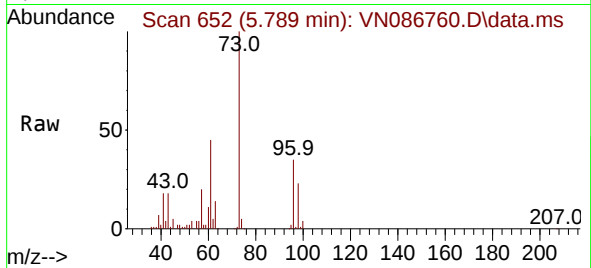




#19
Methyl tert-butyl Ether
Concen: 18.252 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN086760.D
Acq: 22 May 2025 12:43

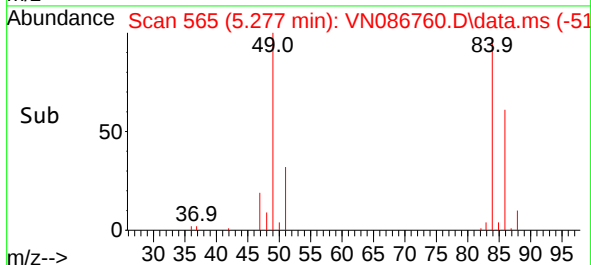
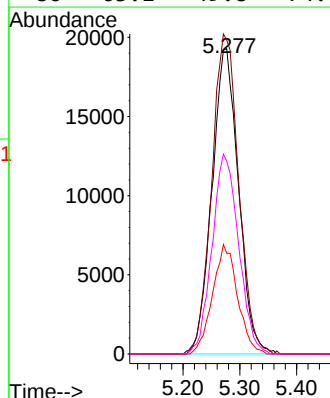
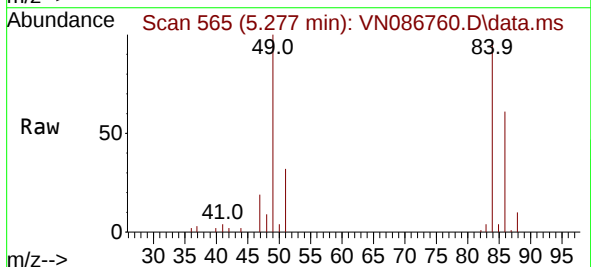
Instrument :
MSVOA_N
ClientSampleId :
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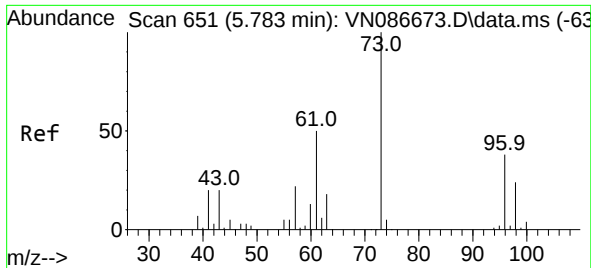
Tgt Ion: 73 Resp: 184235
Ion Ratio Lower Upper
73 100
57 19.8 17.7 26.5



#20
Methylene Chloride
Concen: 17.225 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086760.D
Acq: 22 May 2025 12:43

Tgt Ion: 84 Resp: 62446
Ion Ratio Lower Upper
84 100
49 102.8 88.8 133.2
51 33.0 27.8 41.6
86 63.1 49.8 74.6

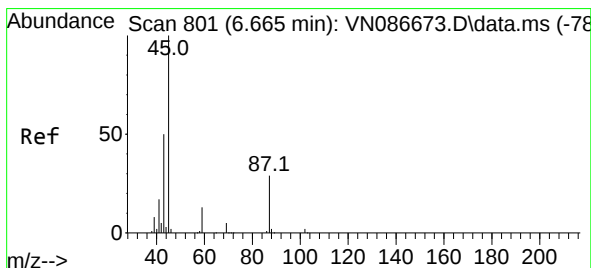
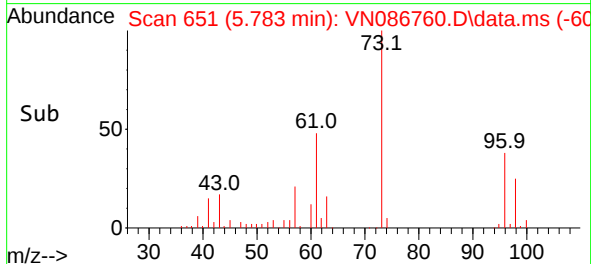
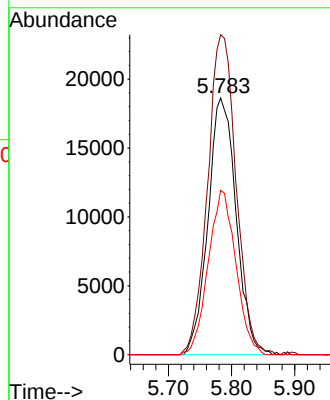
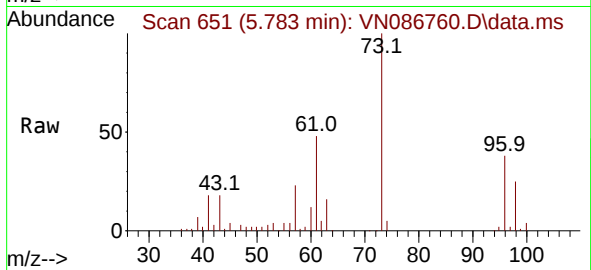




#21
trans-1,2-Dichloroethene
Concen: 18.383 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN086760.D
Acq: 22 May 2025 12:43

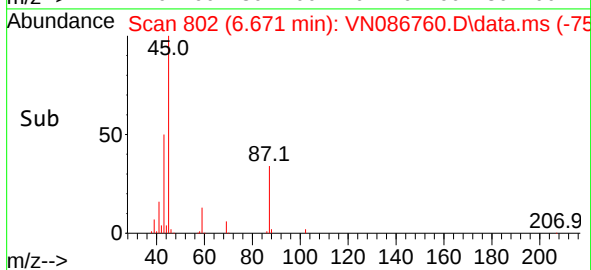
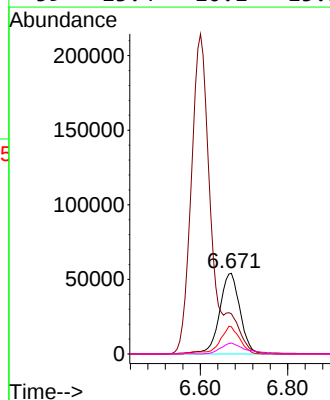
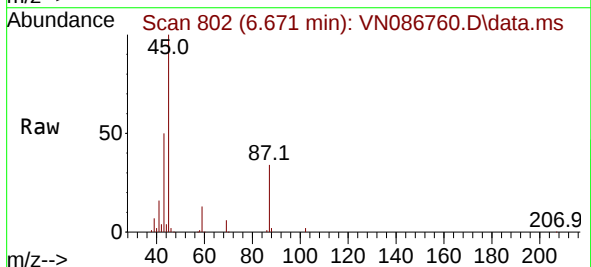
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBSD01

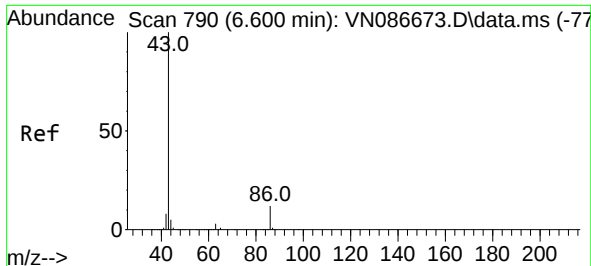
Tgt Ion: 96 Resp: 57617
Ion Ratio Lower Upper
96 100
61 124.7 105.7 158.5
98 64.0 51.0 76.6



#22
Diisopropyl ether
Concen: 17.296 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN086760.D
Acq: 22 May 2025 12:43

Tgt Ion: 45 Resp: 175093
Ion Ratio Lower Upper
45 100
43 48.8 41.4 62.2
87 33.7 22.9 34.3
59 13.4 10.1 15.1

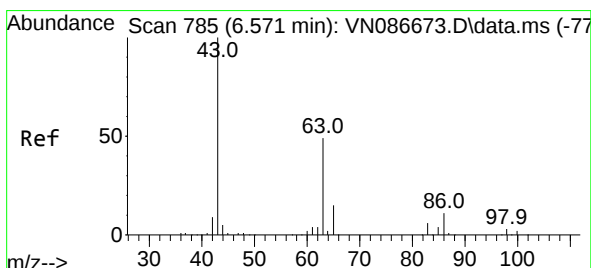
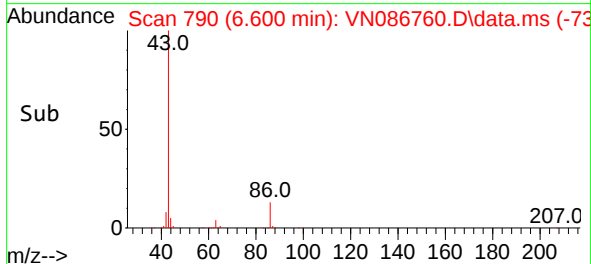
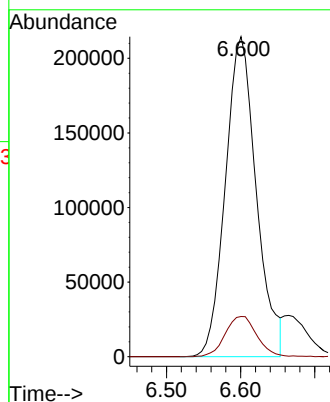
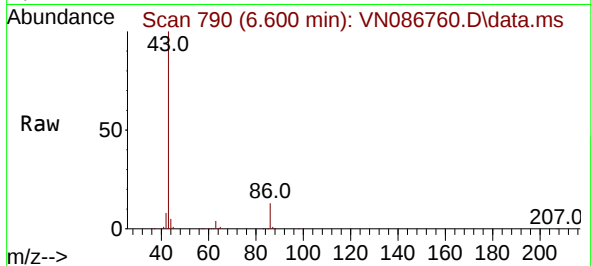




#23
 Vinyl Acetate
 Concen: 81.731 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN086760.D
 Acq: 22 May 2025 12:43

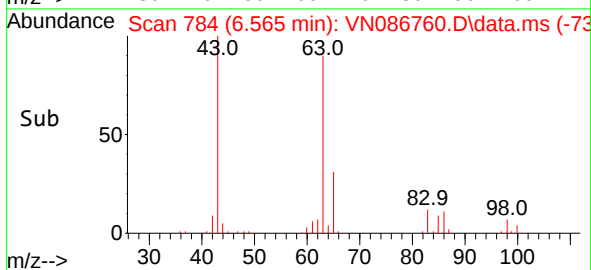
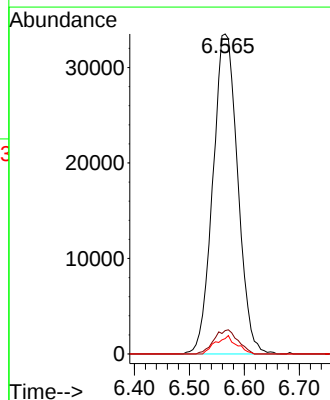
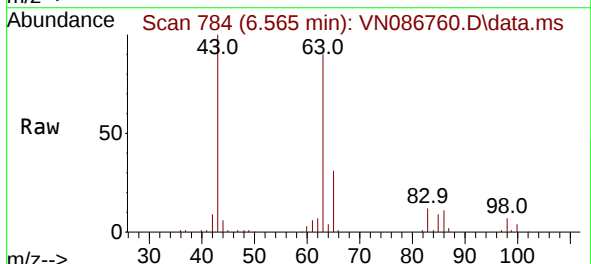
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0522WBSD01

Tgt Ion: 43 Resp: 621824
 Ion Ratio Lower Upper
 43 100
 86 12.5 9.5 14.3



#24
 1,1-Dichloroethane
 Concen: 17.685 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN086760.D
 Acq: 22 May 2025 12:43

Tgt Ion: 63 Resp: 105112
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.4 10.2
 100 4.8 2.4 7.1

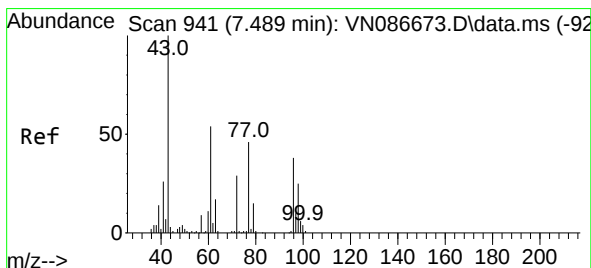
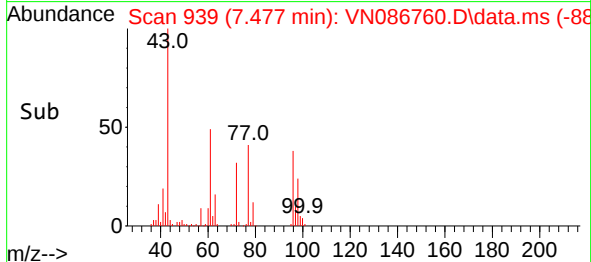
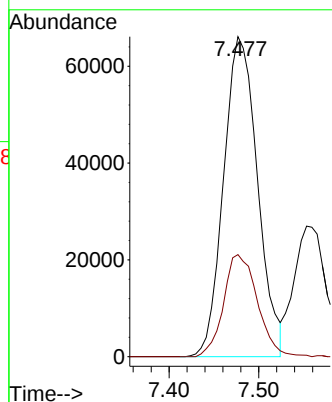
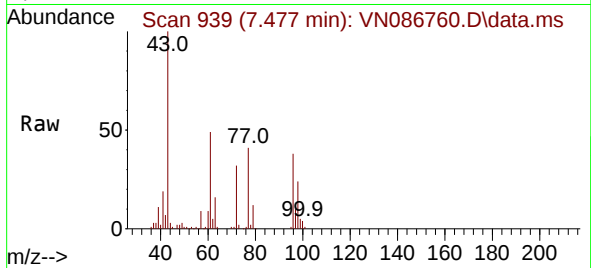




#25
2-Butanone
Concen: 81.882 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN086760.D
Acq: 22 May 2025 12:43

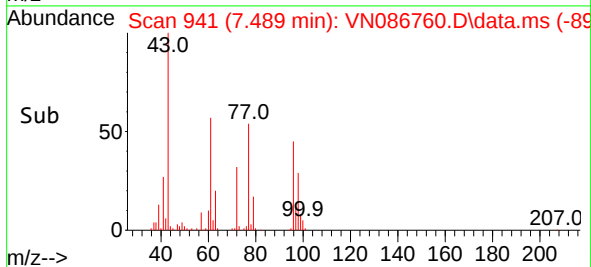
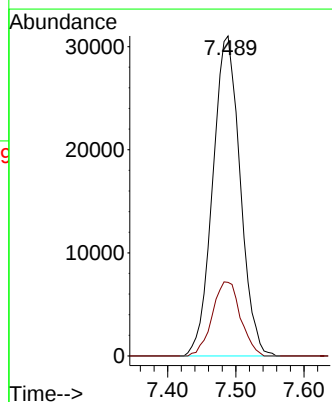
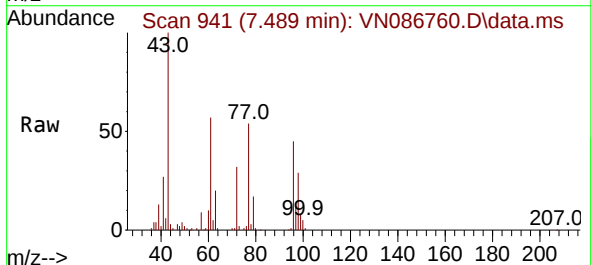
Instrument :
MSVOA_N
ClientSampleId :
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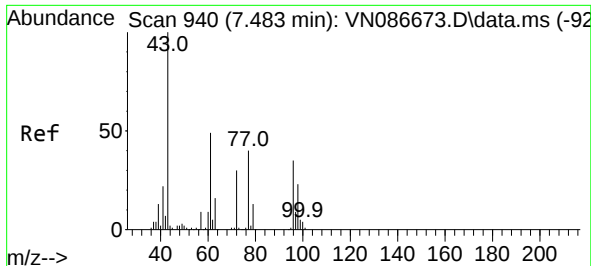
Tgt Ion: 43 Resp: 173831
Ion Ratio Lower Upper
43 100
72 31.9 23.1 34.7



#26
2,2-Dichloropropane
Concen: 17.699 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN086760.D
Acq: 22 May 2025 12:43

Tgt Ion: 77 Resp: 86812
Ion Ratio Lower Upper
77 100
97 23.8 11.6 34.7

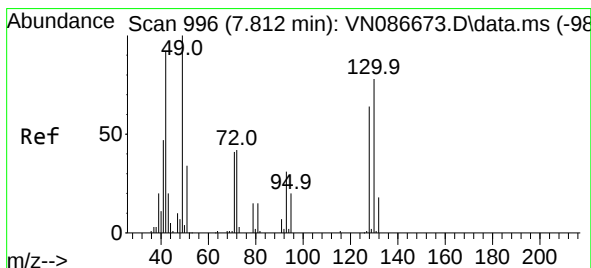
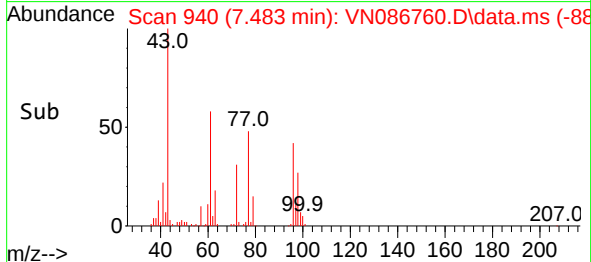
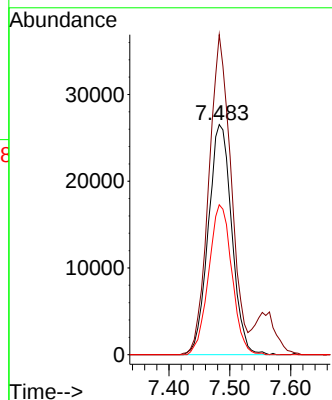
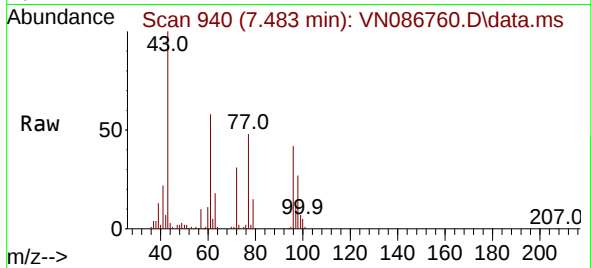




#27
 cis-1,2-Dichloroethene
 Concen: 18.456 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN086760.D
 Acq: 22 May 2025 12:43

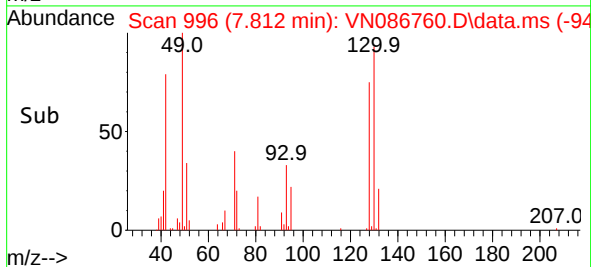
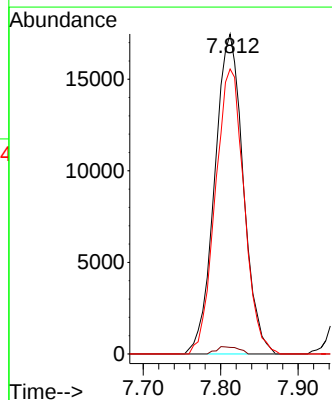
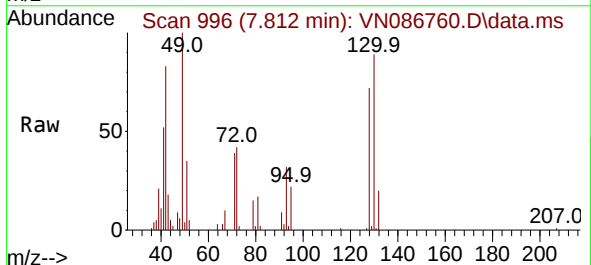
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0522WBSD01

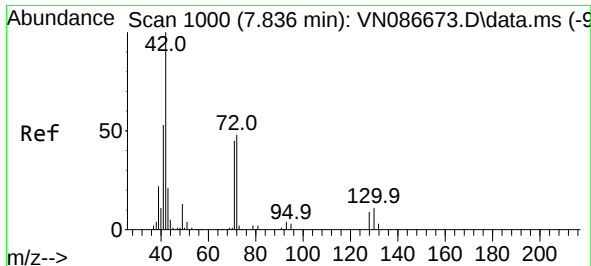
Tgt Ion: 96 Resp: 71006
 Ion Ratio Lower Upper
 96 100
 61 131.8 0.0 277.4
 98 64.4 0.0 129.6



#28
 Bromochloromethane
 Concen: 16.584 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN086760.D
 Acq: 22 May 2025 12:43

Tgt Ion: 49 Resp: 44782
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.8
 130 89.6 62.2 93.4





#29

Tetrahydrofuran

Concen: 83.415 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN086760.D

Acq: 22 May 2025 12:43

Instrument :

MSVOA_N

ClientSampleId :

VN0522WBSD01

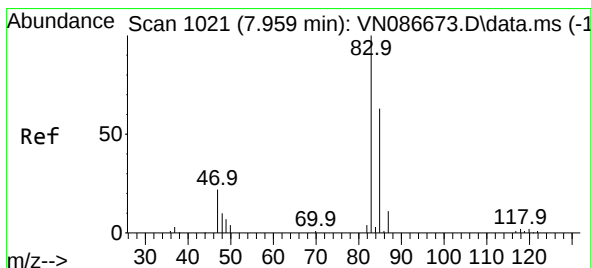
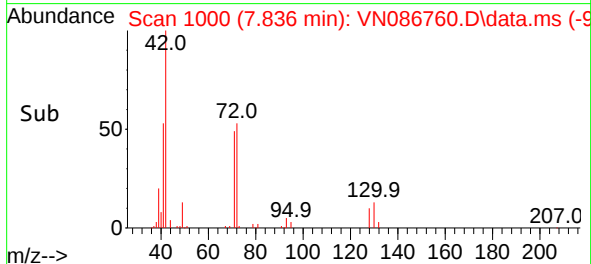
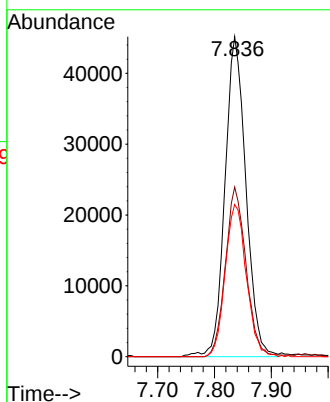
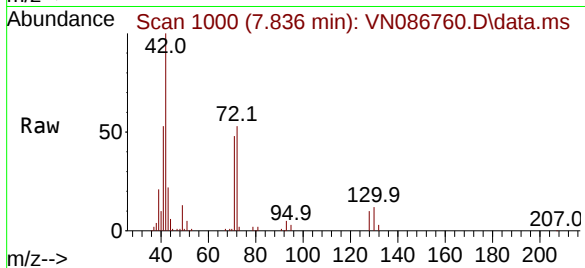
Tgt Ion: 42 Resp: 115587

Ion Ratio Lower Upper

42 100

72 52.4 38.7 58.1

71 48.2 36.2 54.4



#30

Chloroform

Concen: 17.783 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN086760.D

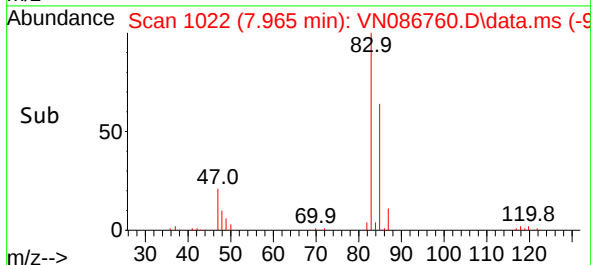
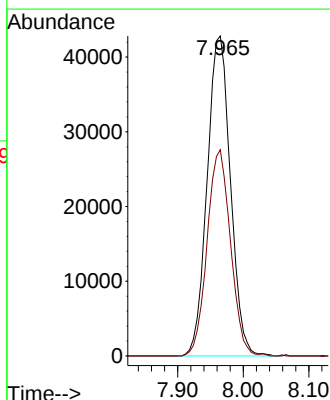
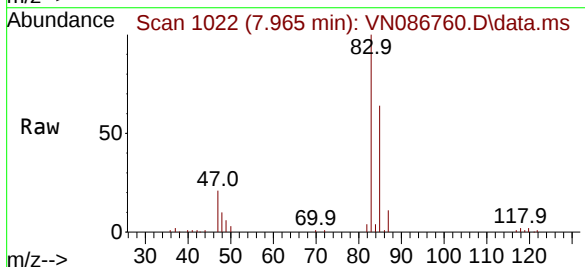
Acq: 22 May 2025 12:43

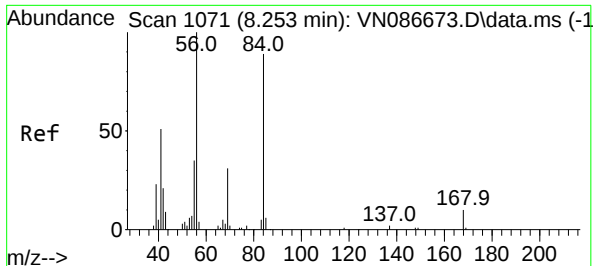
Tgt Ion: 83 Resp: 105790

Ion Ratio Lower Upper

83 100

85 64.5 50.2 75.4

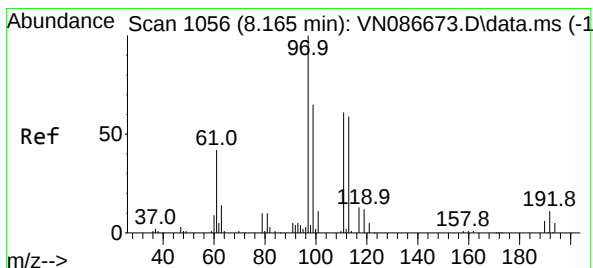
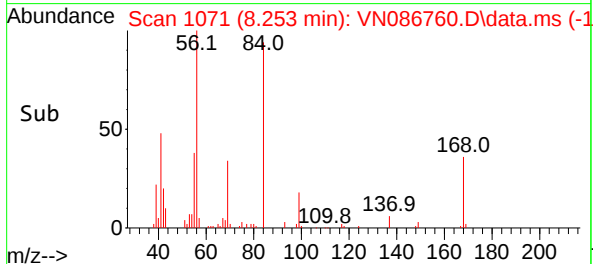
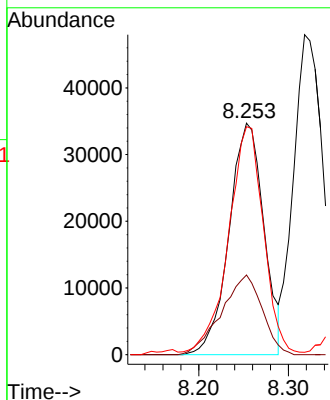
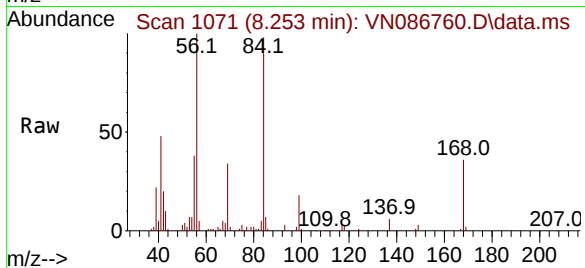




#31
Cyclohexane
Concen: 16.922 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN086760.D
Acq: 22 May 2025 12:43

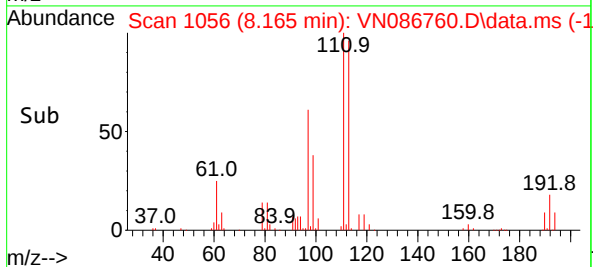
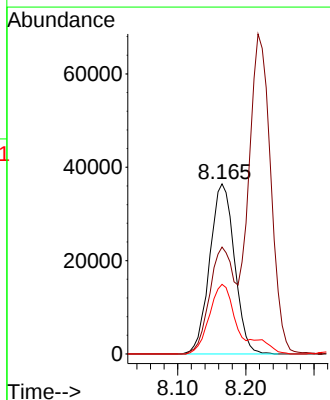
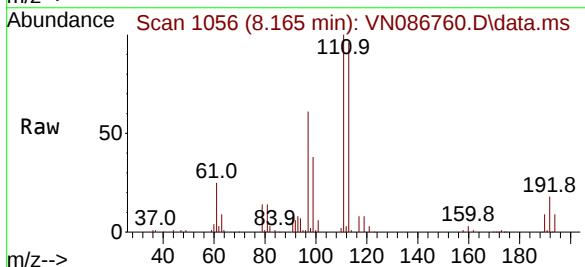
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBSD01

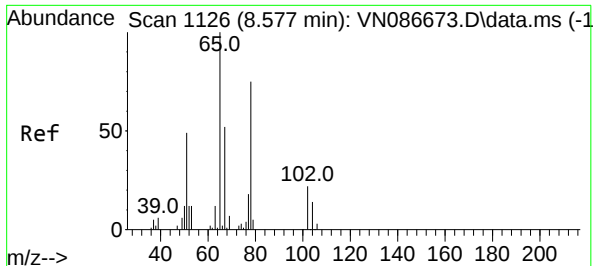
Tgt Ion: 56 Resp: 93276
Ion Ratio Lower Upper
56 100
69 34.4 25.0 37.6
84 97.4 71.0 106.4



#32
1,1,1-Trichloroethane
Concen: 18.400 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086760.D
Acq: 22 May 2025 12:43

Tgt Ion: 97 Resp: 92289
Ion Ratio Lower Upper
97 100
99 63.2 52.6 79.0
61 47.9 37.7 56.5





#33

1,2-Dichloroethane-d4

Concen: 43.882 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN086760.D

Acq: 22 May 2025 12:43

Instrument :

MSVOA_N

ClientSampleId :

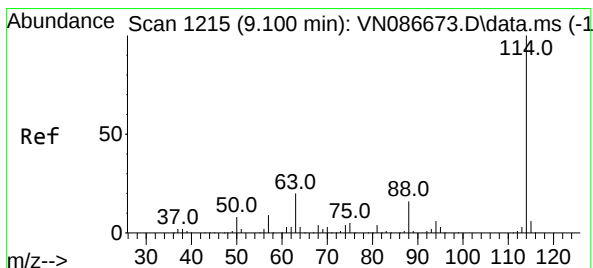
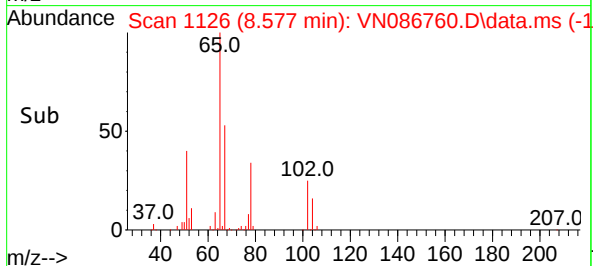
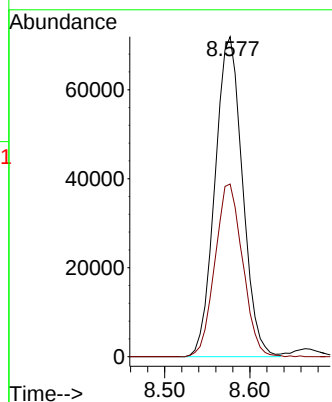
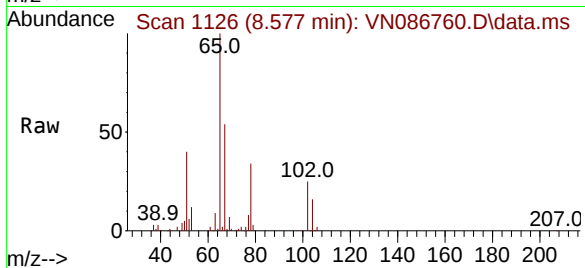
VN0522WBSD01

Tgt Ion: 65 Resp: 161164

Ion Ratio Lower Upper

65 100

67 54.3 0.0 106.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN086760.D

Acq: 22 May 2025 12:43

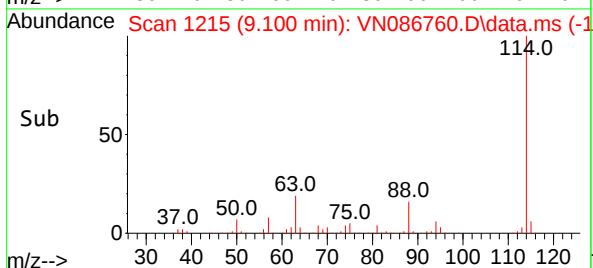
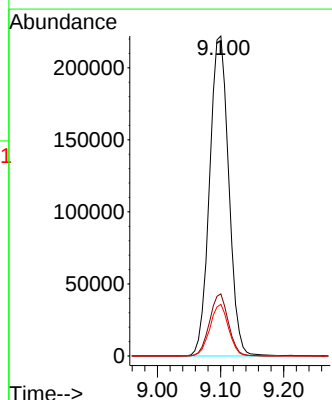
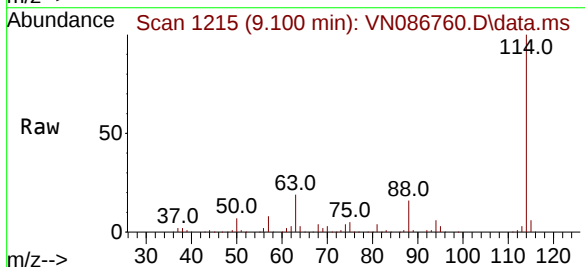
Tgt Ion: 114 Resp: 467000

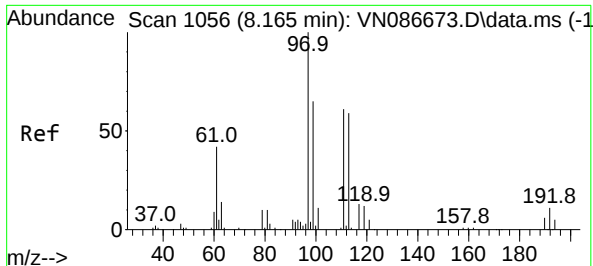
Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.2

88 16.1 0.0 31.2





#35

Dibromofluoromethane

Concen: 49.863 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN086760.D

Acq: 22 May 2025 12:43

Instrument :

MSVOA_N

ClientSampleId :

VN0522WBSD01

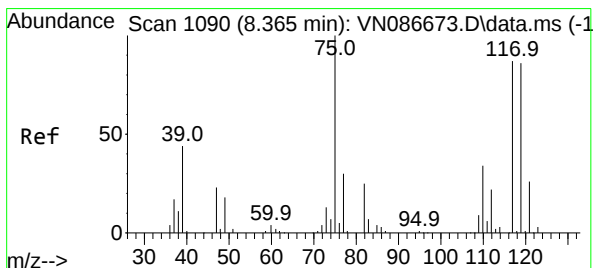
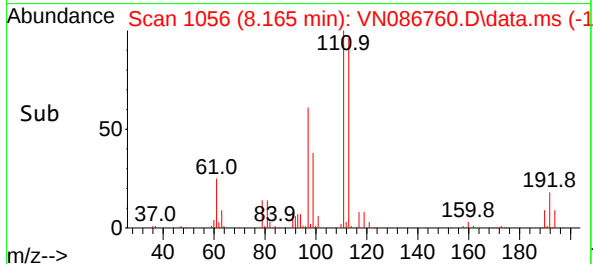
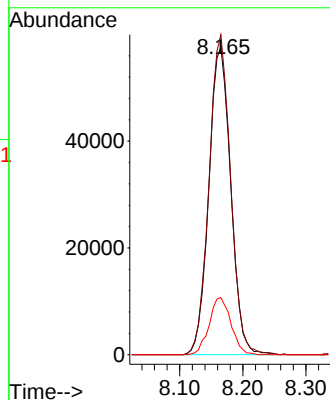
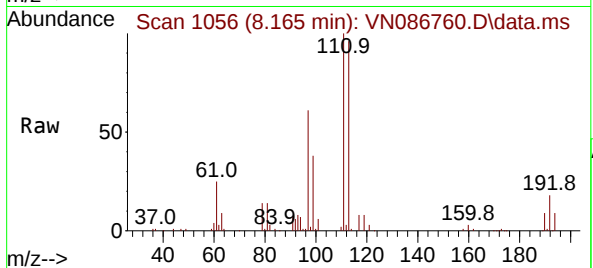
Tgt Ion:113 Resp: 138677

Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.2

192 18.5 13.8 20.8



#36

1,1-Dichloropropene

Concen: 18.716 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VN086760.D

Acq: 22 May 2025 12:43

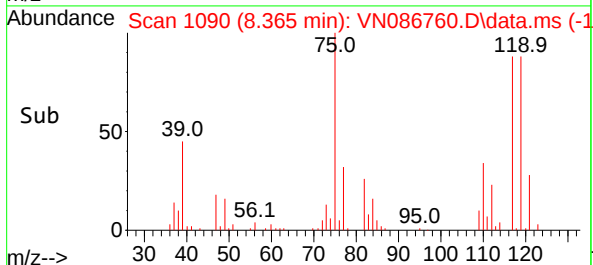
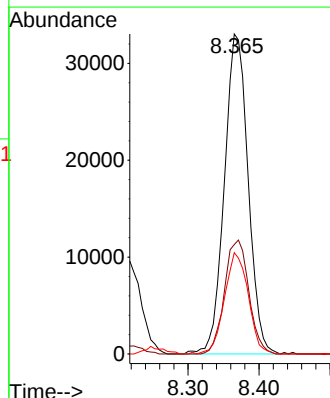
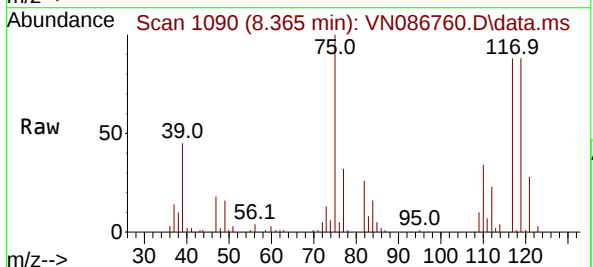
Tgt Ion: 75 Resp: 76778

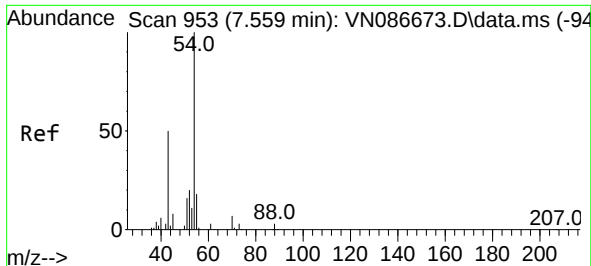
Ion Ratio Lower Upper

75 100

110 36.4 17.5 52.5

77 31.7 25.1 37.7

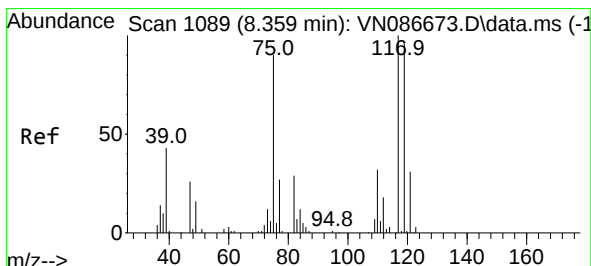
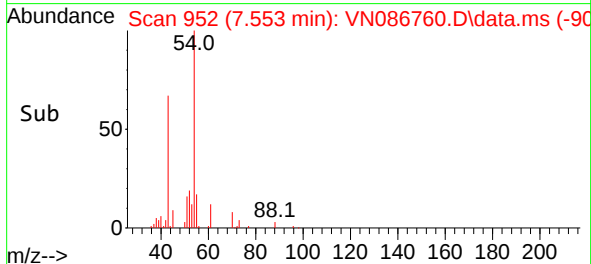
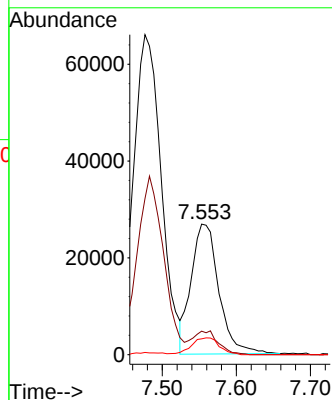
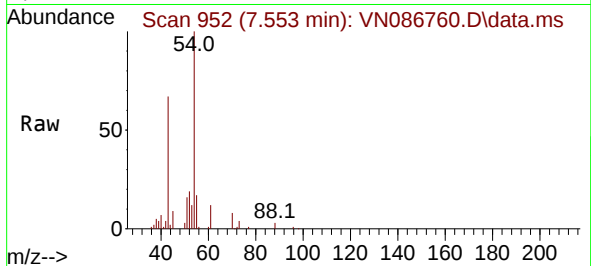




#37
Ethyl Acetate
Concen: 16.854 ug/l
RT: 7.553 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086760.D
Acq: 22 May 2025 12:43

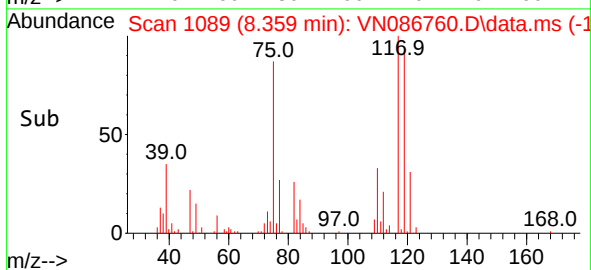
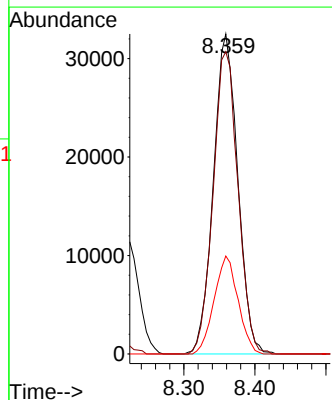
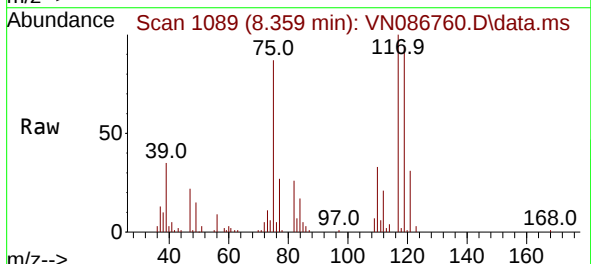
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBSD01

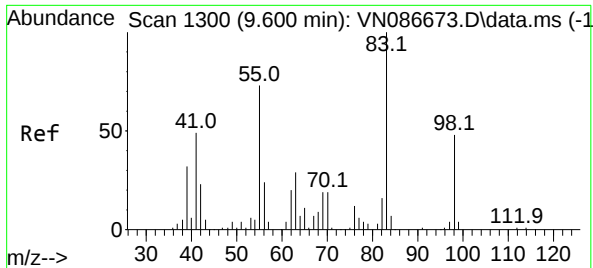
Tgt Ion: 43 Resp: 69842
Ion Ratio Lower Upper
43 100
61 15.8 11.6 17.4
70 12.9 9.4 14.0



#38
Carbon Tetrachloride
Concen: 19.132 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN086760.D
Acq: 22 May 2025 12:43

Tgt Ion: 117 Resp: 77330
Ion Ratio Lower Upper
117 100
119 94.5 77.0 115.6
121 30.6 25.0 37.6





#39

Methylcyclohexane

Concen: 19.338 ug/l

RT: 9.594 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN086760.D

Acq: 22 May 2025 12:43

Instrument :

MSVOA_N

ClientSampleId :

VN0522WBSD01

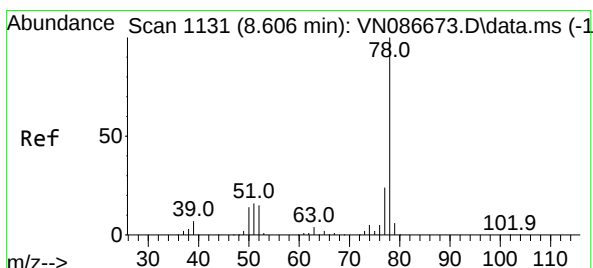
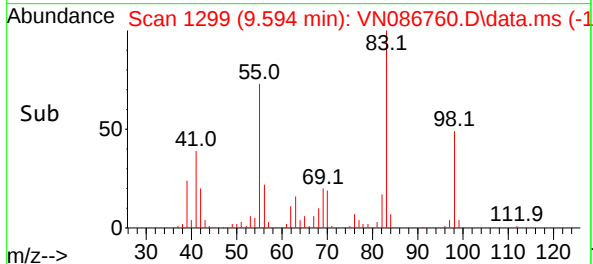
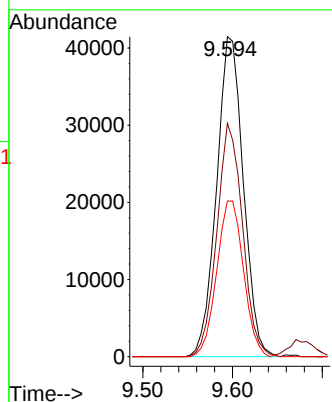
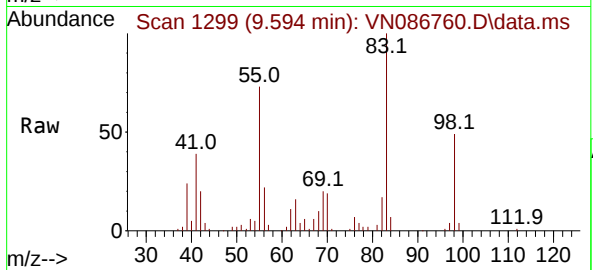
Tgt Ion: 83 Resp: 85861

Ion Ratio Lower Upper

83 100

55 72.9 58.2 87.4

98 48.6 38.4 57.6



#40

Benzene

Concen: 18.813 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN086760.D

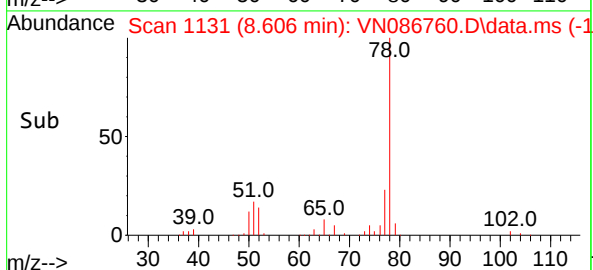
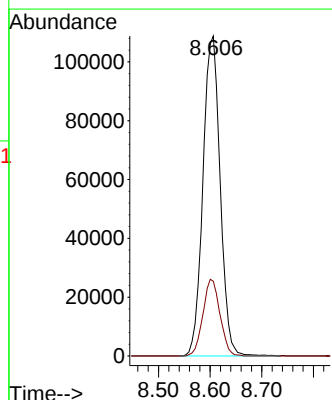
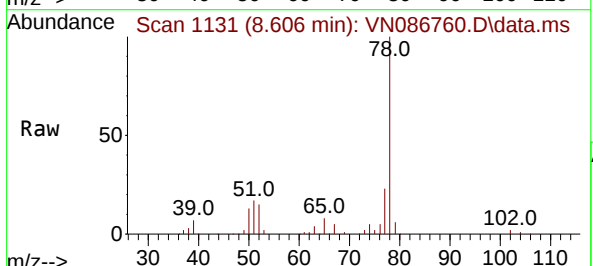
Acq: 22 May 2025 12:43

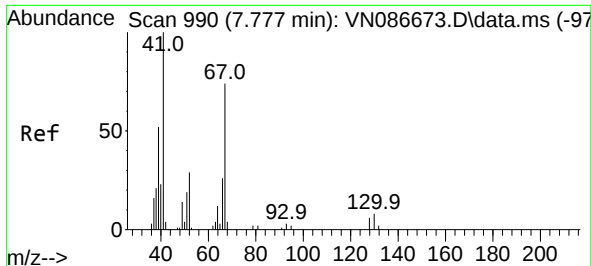
Tgt Ion: 78 Resp: 251767

Ion Ratio Lower Upper

78 100

77 23.4 19.1 28.7

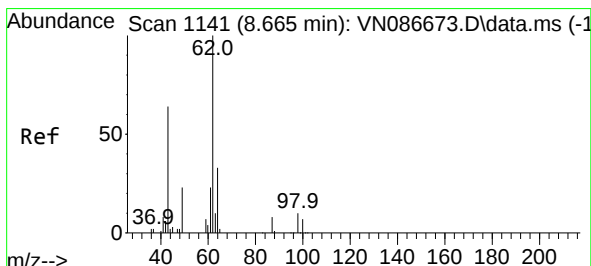
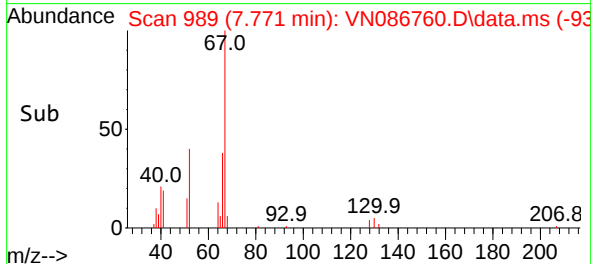
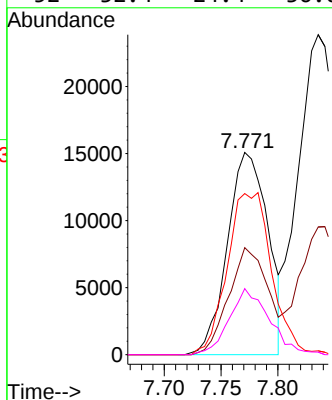
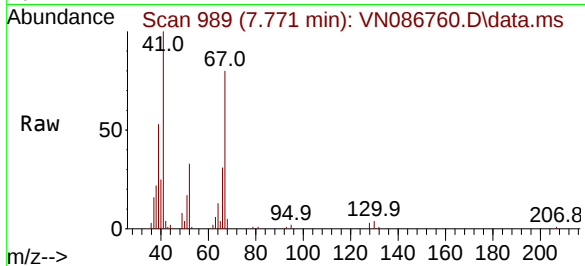




#41
Methacrylonitrile
Concen: 16.710 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086760.D
Acq: 22 May 2025 12:43

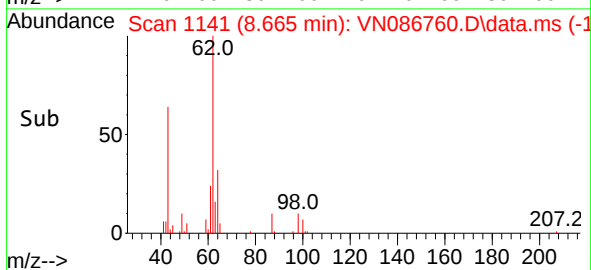
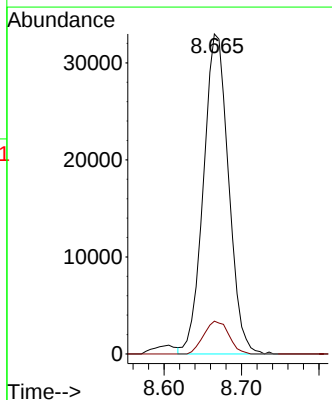
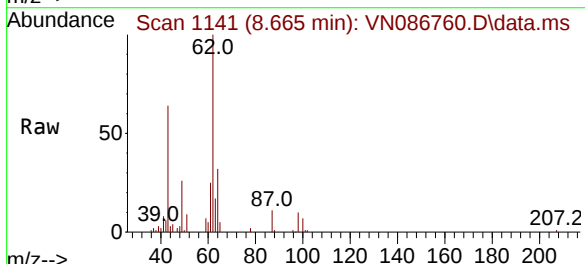
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBSD01

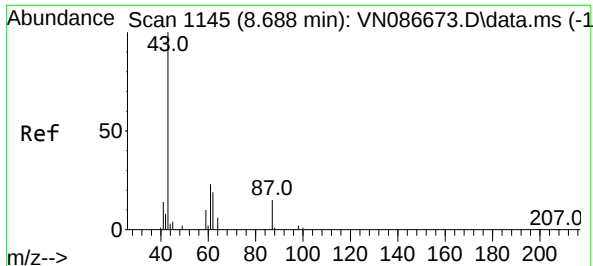
Tgt Ion:	41	Resp:	37387
Ion	Ratio	Lower	Upper
41	100		
39	50.9	44.9	67.3
67	87.7	63.4	95.0
52	32.4	24.4	36.6



#42
1,2-Dichloroethane
Concen: 17.806 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN086760.D
Acq: 22 May 2025 12:43

Tgt Ion:	62	Resp:	74237
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	19.2

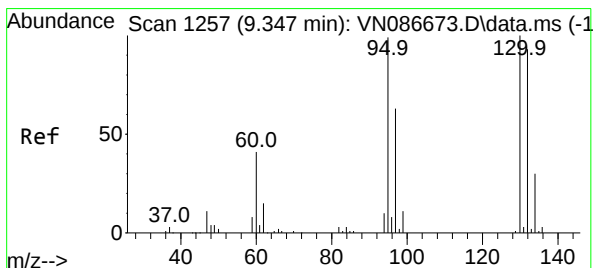
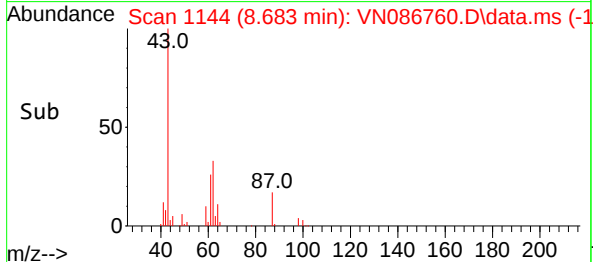
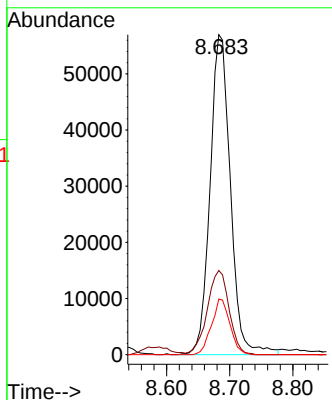
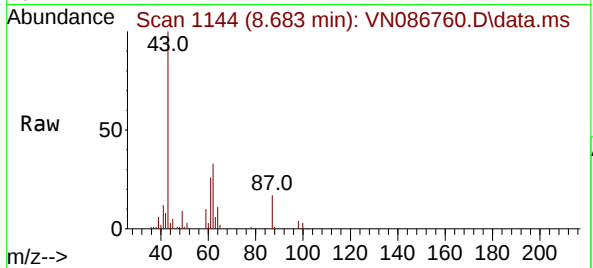




#43
Isopropyl Acetate
Concen: 15.365 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN086760.D
Acq: 22 May 2025 12:43

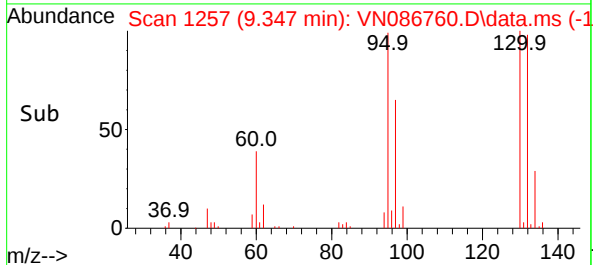
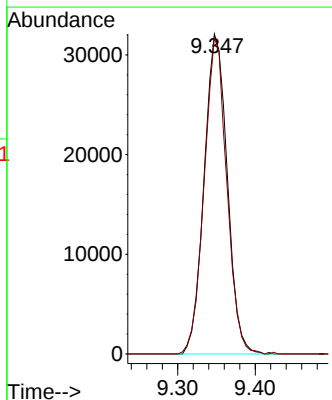
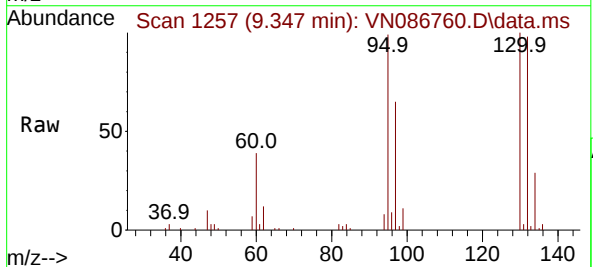
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBSD01

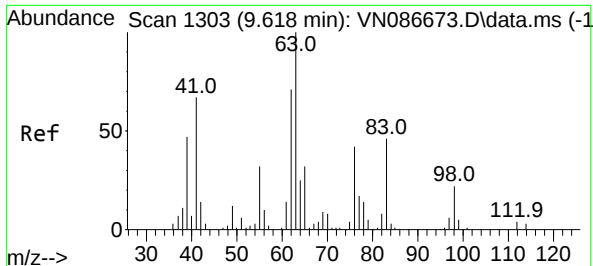
Tgt Ion: 43 Resp: 127642
Ion Ratio Lower Upper
43 100
61 28.1 21.4 32.2
87 15.7 11.1 16.7



#44
Trichloroethene
Concen: 20.587 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN086760.D
Acq: 22 May 2025 12:43

Tgt Ion: 130 Resp: 66452
Ion Ratio Lower Upper
130 100
95 98.8 0.0 197.0





#45

1,2-Dichloropropane

Concen: 18.231 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN086760.D

Acq: 22 May 2025 12:43

Instrument :

MSVOA_N

ClientSampleId :

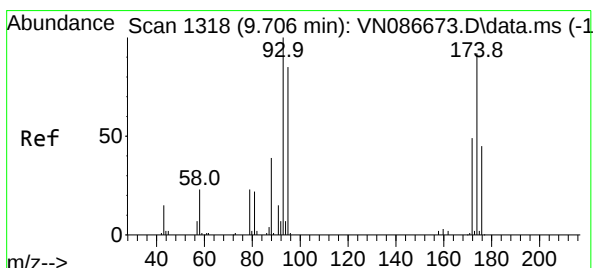
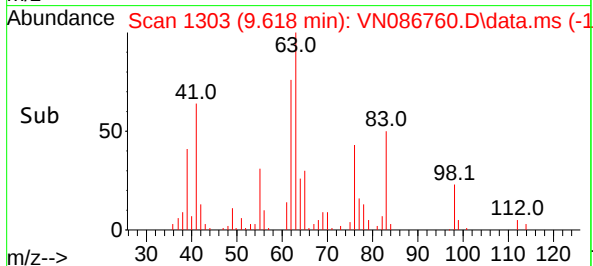
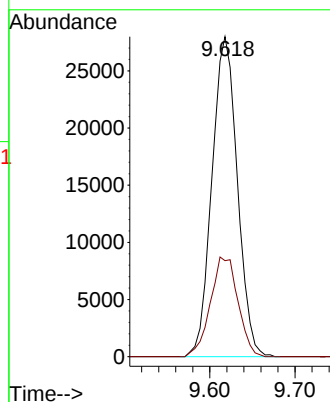
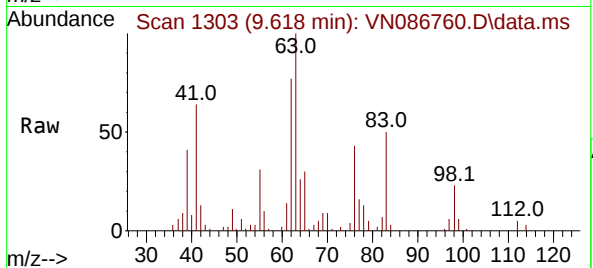
VN0522WBSD01

Tgt Ion: 63 Resp: 57960

Ion Ratio Lower Upper

63 100

65 30.0 25.8 38.6



#46

Dibromomethane

Concen: 18.954 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN086760.D

Acq: 22 May 2025 12:43

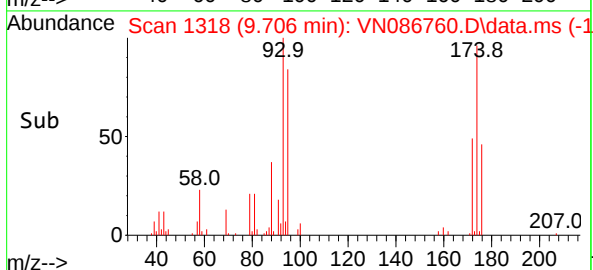
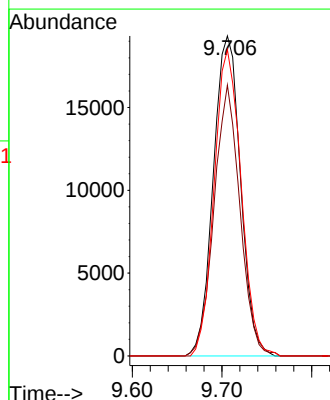
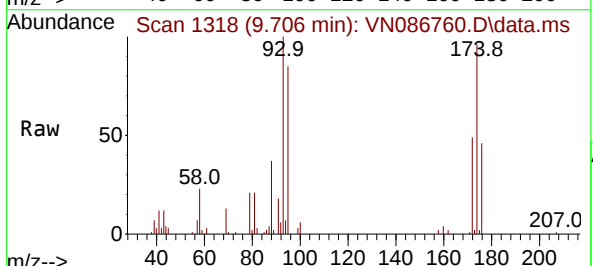
Tgt Ion: 93 Resp: 40659

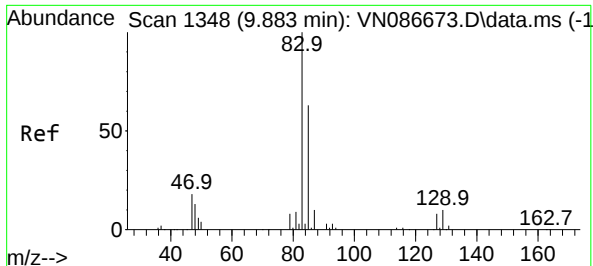
Ion Ratio Lower Upper

93 100

95 80.7 67.1 100.7

174 94.8 73.8 110.6

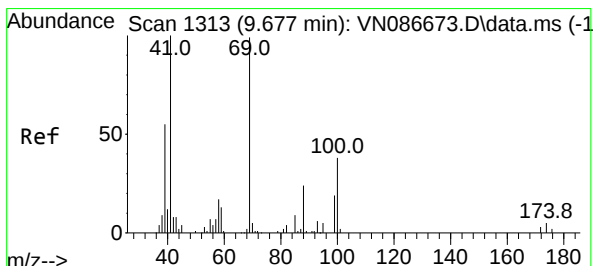
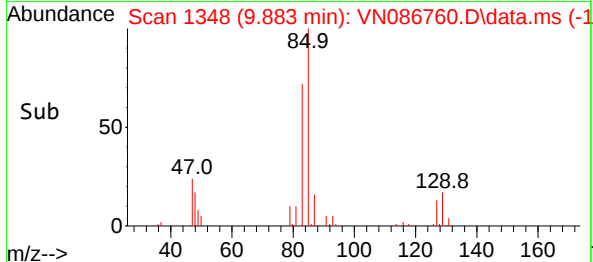
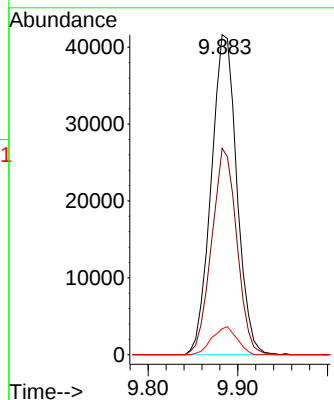
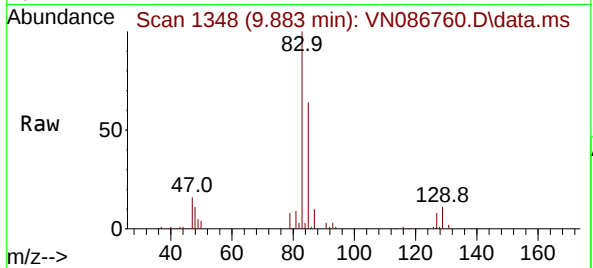




#47
Bromodichloromethane
Concen: 18.668 ug/l
RT: 9.883 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN086760.D
Acq: 22 May 2025 12:43

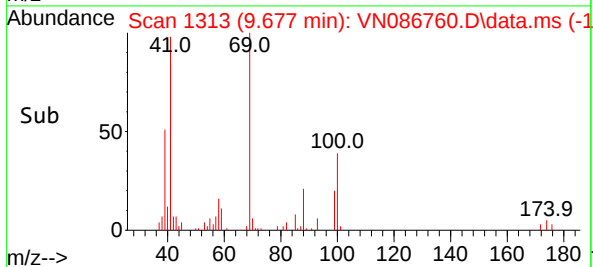
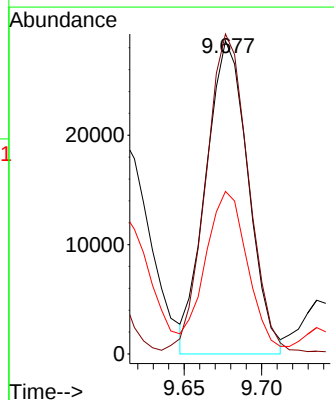
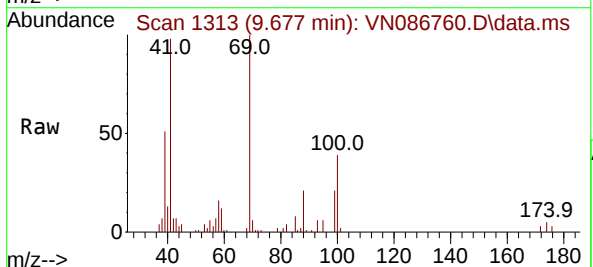
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBSD01

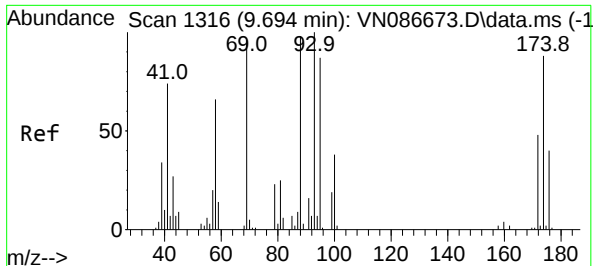
Tgt Ion: 83 Resp: 82510
Ion Ratio Lower Upper
83 100
85 64.5 50.1 75.1
127 8.1 6.2 9.4



#48
Methyl methacrylate
Concen: 16.872 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN086760.D
Acq: 22 May 2025 12:43

Tgt Ion: 41 Resp: 54314
Ion Ratio Lower Upper
41 100
69 103.9 74.1 111.1
39 52.9 44.1 66.1





#49

1,4-Dioxane

Concen: 372.482 ug/l

RT: 9.688 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN086760.D

Acq: 22 May 2025 12:43

Instrument :

MSVOA_N

ClientSampleId :

VN0522WBSD01

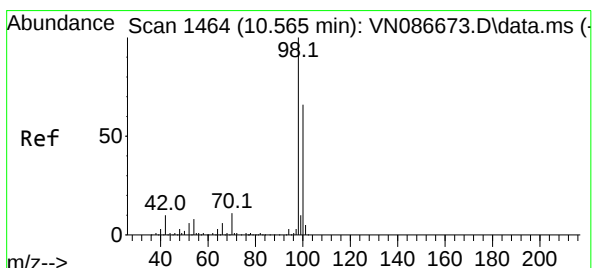
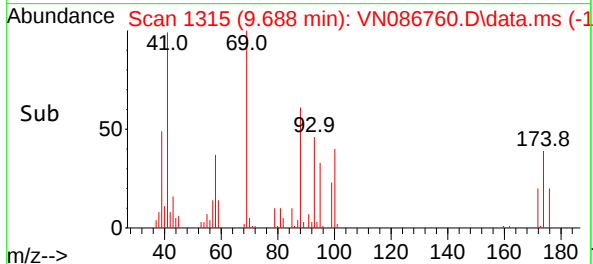
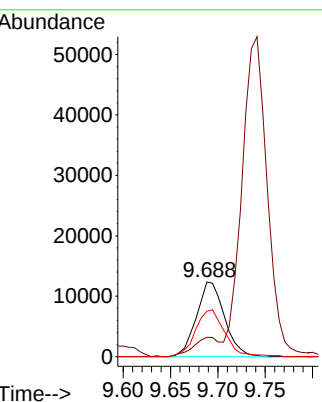
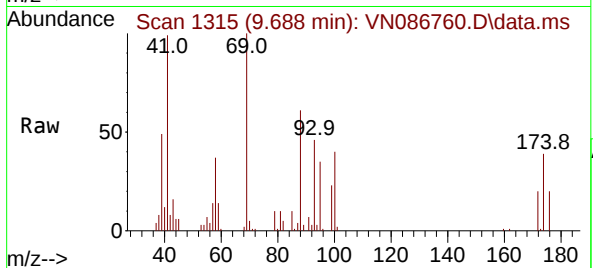
Tgt Ion: 88 Resp: 25390

Ion Ratio Lower Upper

88 100

43 26.0 23.6 35.4

58 66.1 55.3 82.9



#50

Toluene-d8

Concen: 50.551 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN086760.D

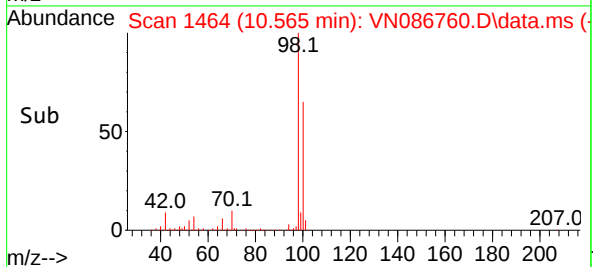
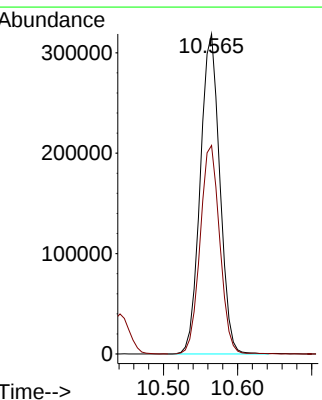
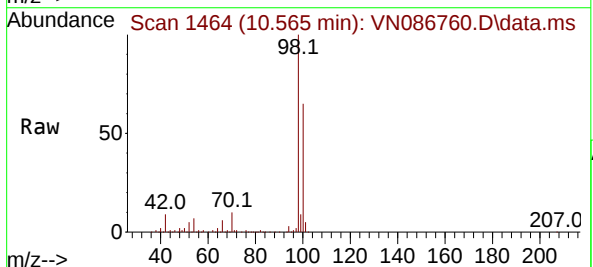
Acq: 22 May 2025 12:43

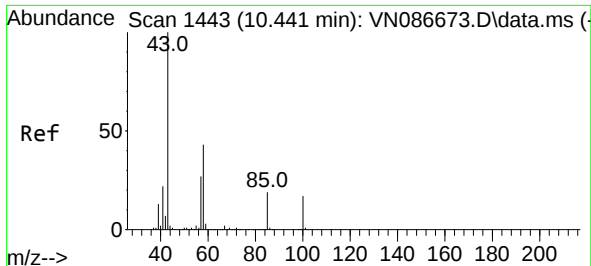
Tgt Ion: 98 Resp: 582615

Ion Ratio Lower Upper

98 100

100 65.5 52.9 79.3

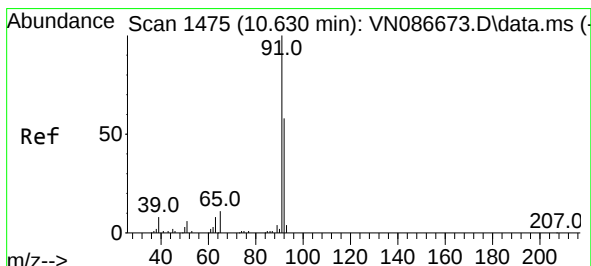
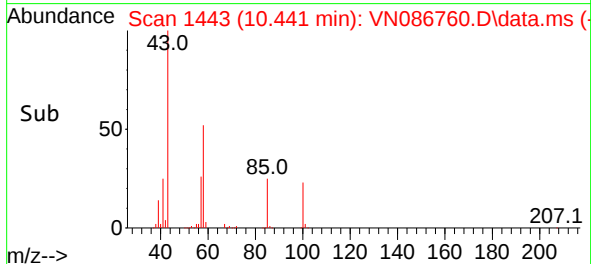
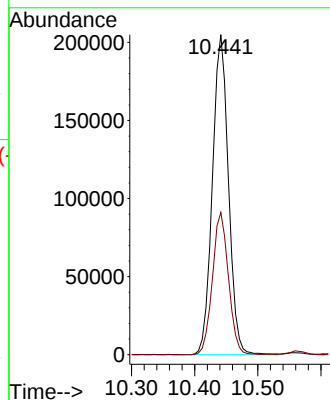
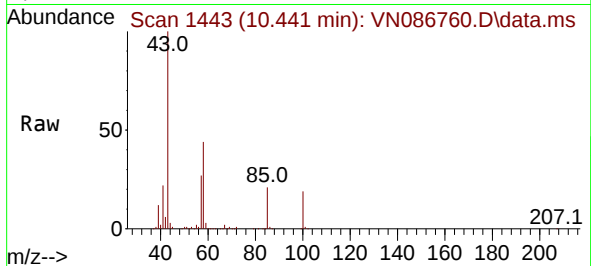




#51
4-Methyl-2-Pentanone
Concen: 86.357 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086760.D
Acq: 22 May 2025 12:43

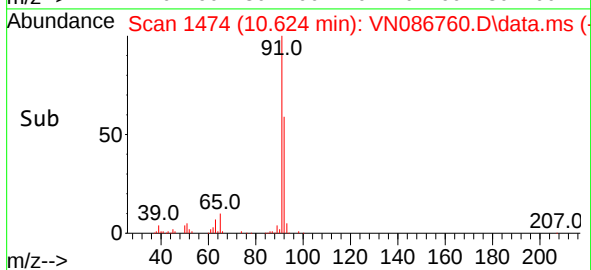
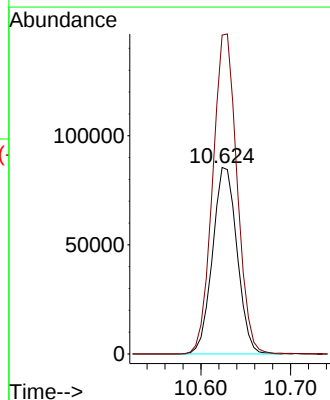
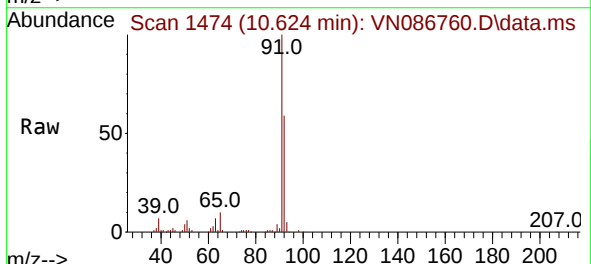
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBSD01

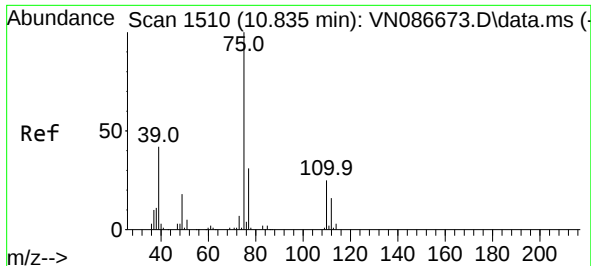
Tgt Ion: 43 Resp: 361782
Ion Ratio Lower Upper
43 100
58 44.4 33.9 50.9



#52
Toluene
Concen: 19.483 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN086760.D
Acq: 22 May 2025 12:43

Tgt Ion: 92 Resp: 162055
Ion Ratio Lower Upper
92 100
91 170.9 137.8 206.8

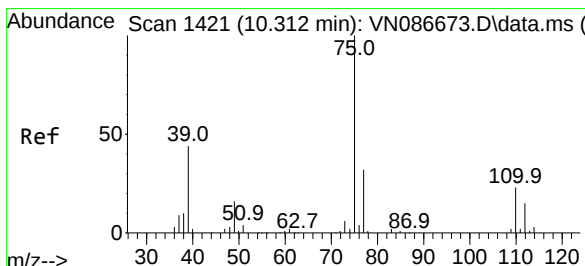
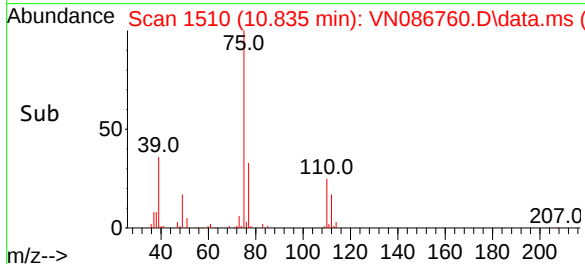
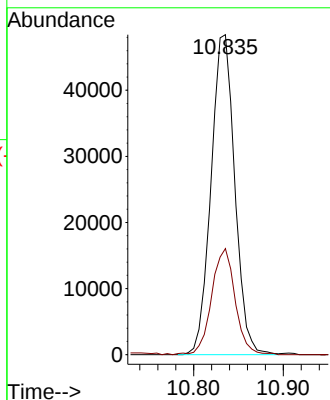
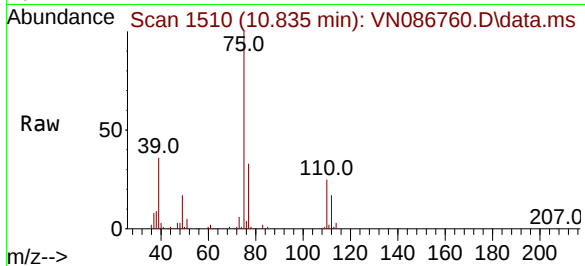




#53
 t-1,3-Dichloropropene
 Concen: 18.998 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN086760.D
 Acq: 22 May 2025 12:43

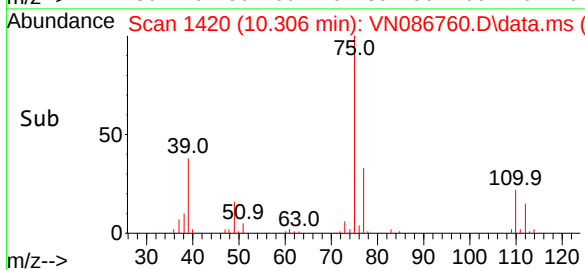
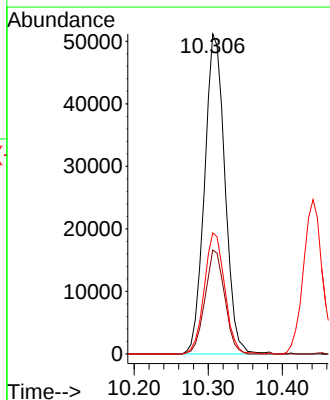
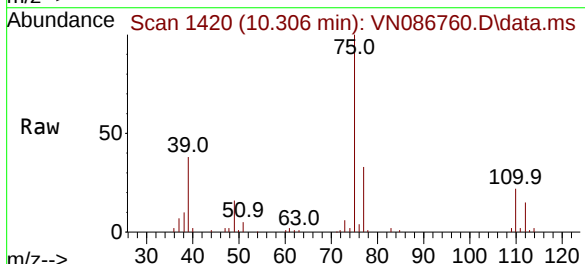
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0522WBSD01

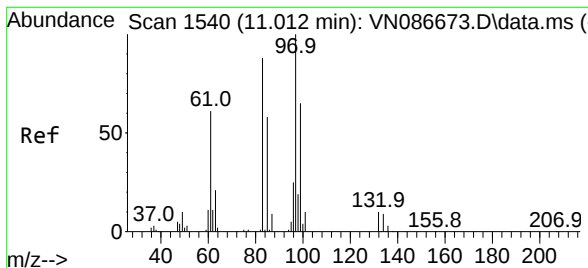
Tgt Ion: 75 Resp: 88904
 Ion Ratio Lower Upper
 75 100
 77 33.2 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 19.129 ug/l
 RT: 10.306 min Scan# 1420
 Delta R.T. -0.006 min
 Lab File: VN086760.D
 Acq: 22 May 2025 12:43

Tgt Ion: 75 Resp: 97718
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.3 37.9
 39 37.9 35.2 52.8





#55

1,1,2-Trichloroethane

Concen: 18.827 ug/l

RT: 11.012 min Scan# 1540

Delta R.T. 0.000 min

Lab File: VN086760.D

Acq: 22 May 2025 12:43

Instrument :

MSVOA_N

ClientSampleId :

VN0522WBSD01

Tgt Ion: 97 Resp: 58415

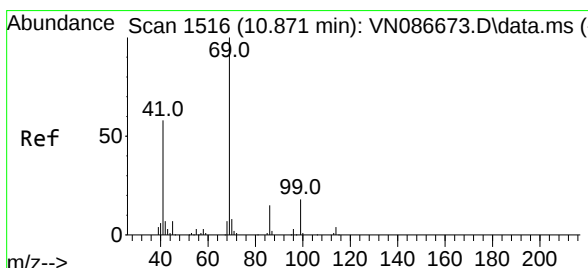
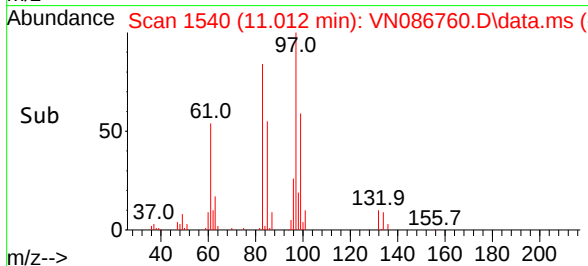
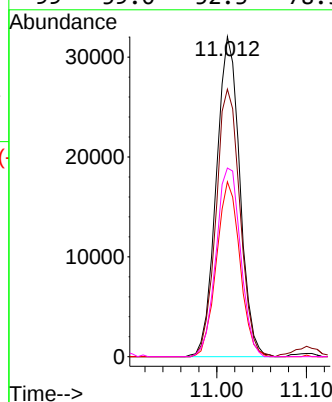
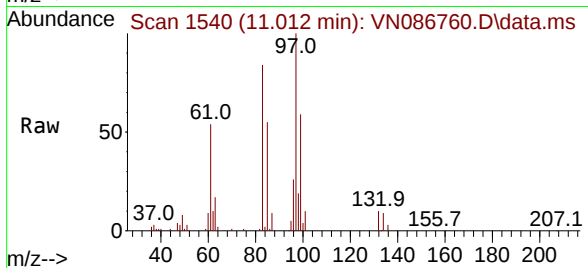
Ion Ratio Lower Upper

97 100

83 83.6 70.4 105.6

85 54.7 46.1 69.1

99 59.0 52.3 78.5



#56

Ethyl methacrylate

Concen: 19.347 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VN086760.D

Acq: 22 May 2025 12:43

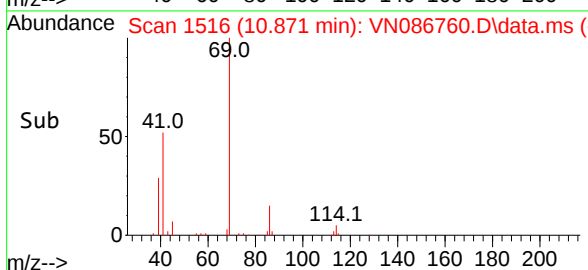
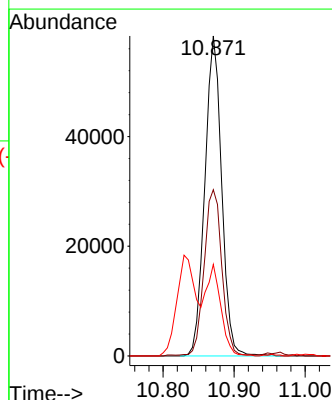
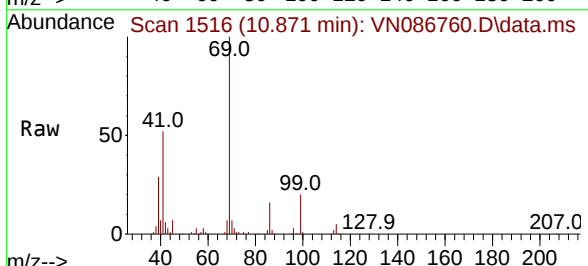
Tgt Ion: 69 Resp: 96382

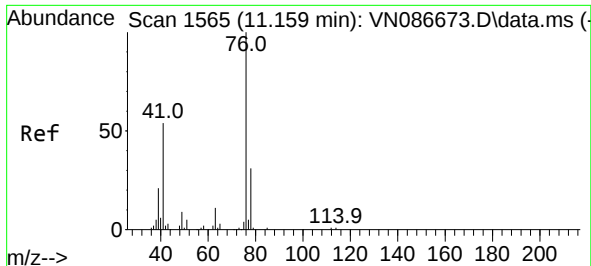
Ion Ratio Lower Upper

69 100

41 54.9 47.4 71.0

39 25.6 24.0 36.0





#57

1,3-Dichloropropane

Concen: 18.579 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. 0.000 min

Lab File: VN086760.D

Acq: 22 May 2025 12:43

Instrument :

MSVOA_N

ClientSampleId :

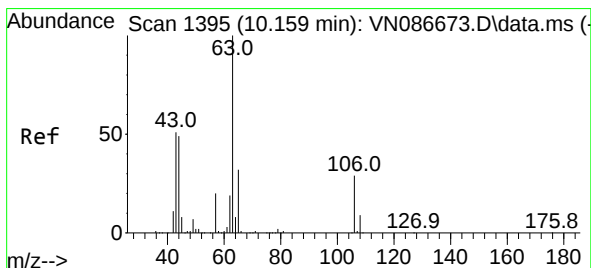
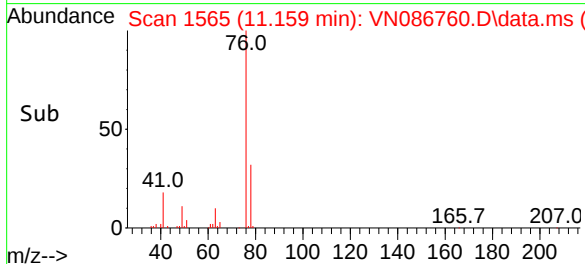
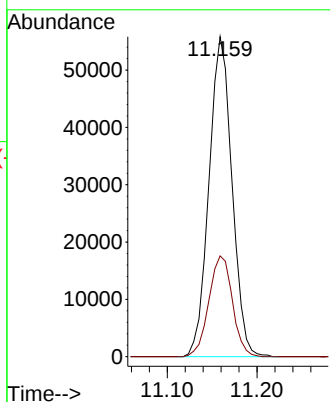
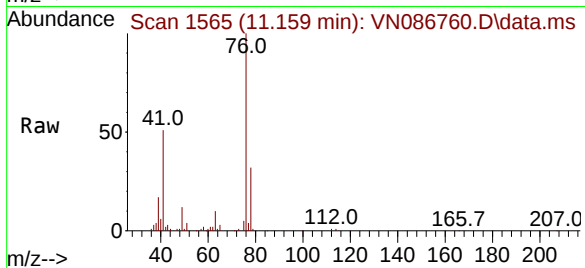
VN0522WBSD01

Tgt Ion: 76 Resp: 99308

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 93.125 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN086760.D

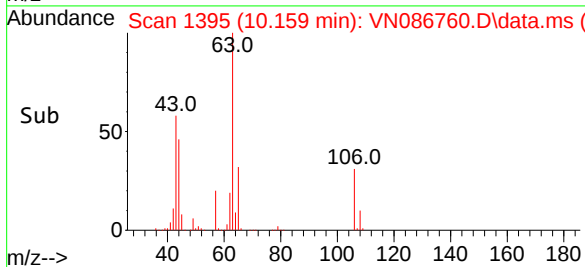
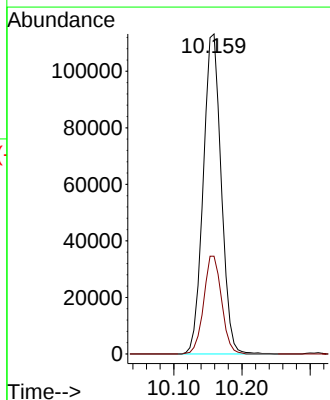
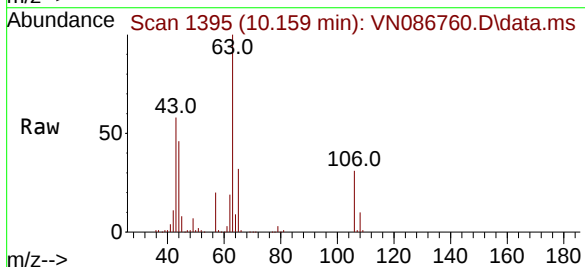
Acq: 22 May 2025 12:43

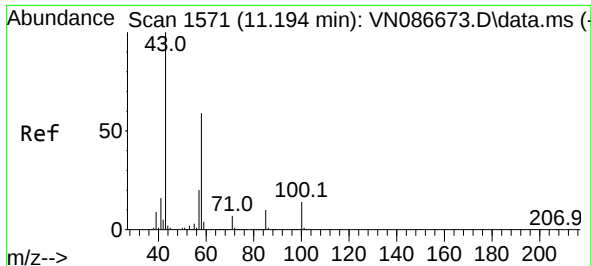
Tgt Ion: 63 Resp: 207339

Ion Ratio Lower Upper

63 100

106 30.4 23.1 34.7

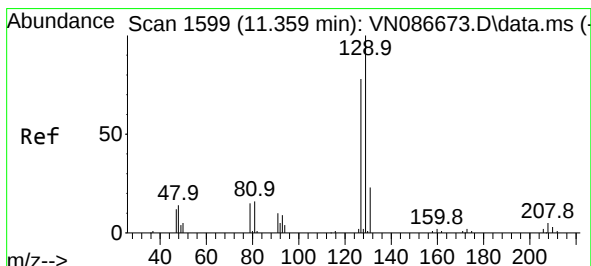
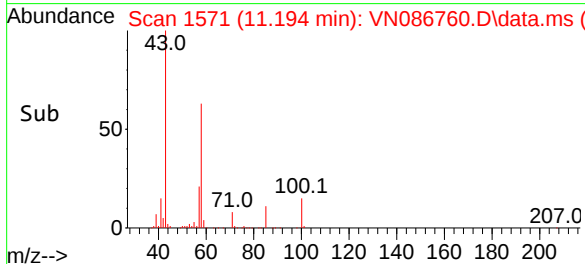
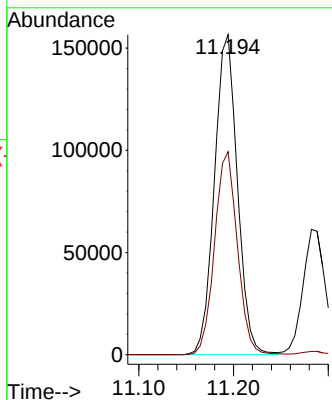
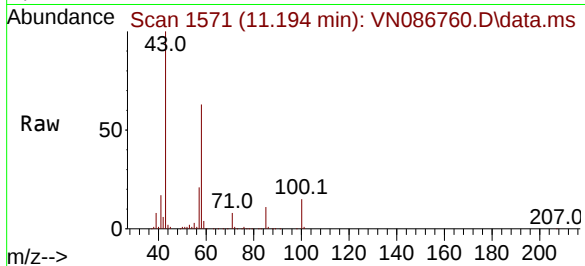




#59
2-Hexanone
Concen: 86.236 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN086760.D
Acq: 22 May 2025 12:43

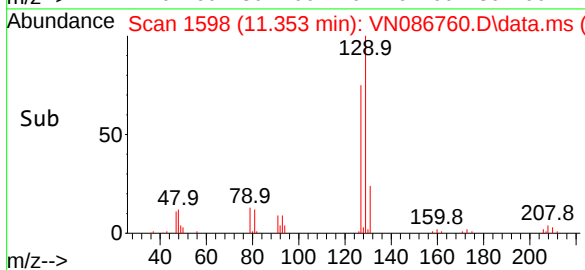
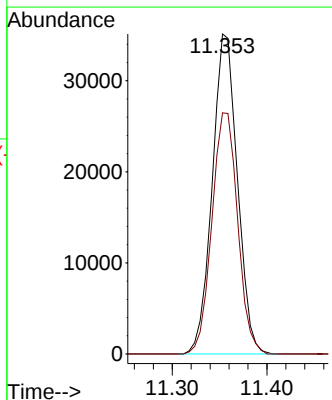
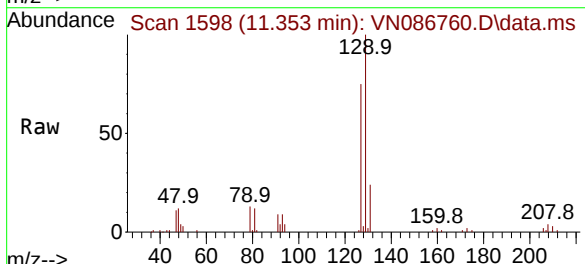
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBSD01

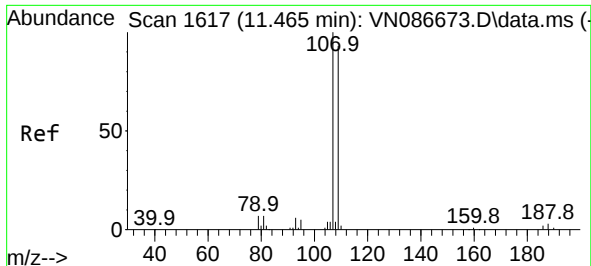
Tgt Ion: 43 Resp: 263823
Ion Ratio Lower Upper
43 100
58 62.9 29.8 89.5



#60
Dibromochloromethane
Concen: 19.957 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN086760.D
Acq: 22 May 2025 12:43

Tgt Ion: 129 Resp: 64893
Ion Ratio Lower Upper
129 100
127 77.1 39.5 118.3

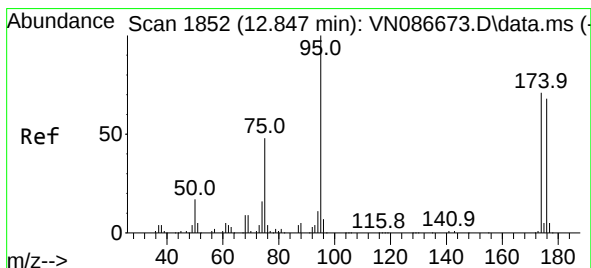
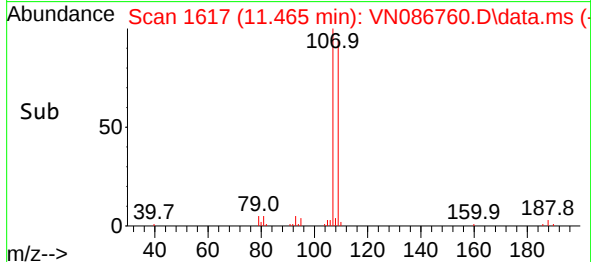
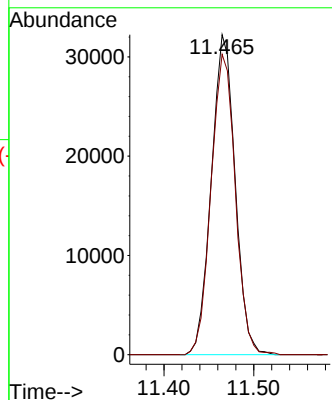
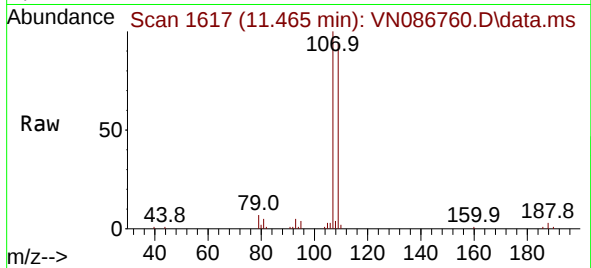




#61
1,2-Dibromoethane
Concen: 19.006 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN086760.D
Acq: 22 May 2025 12:43

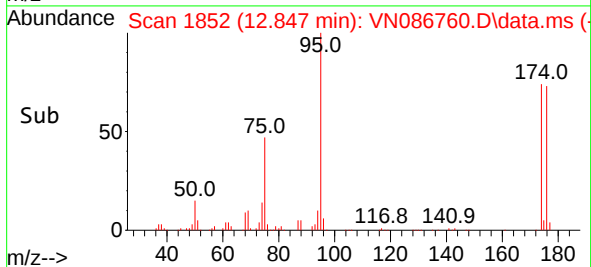
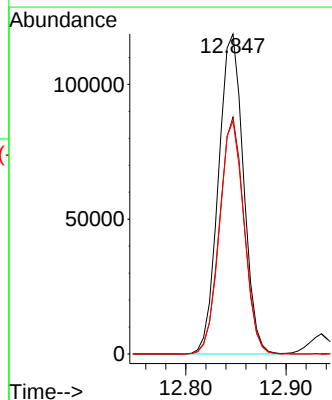
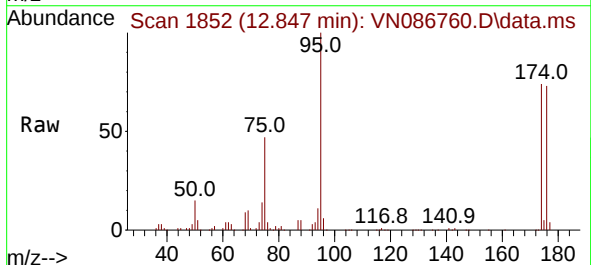
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBSD01

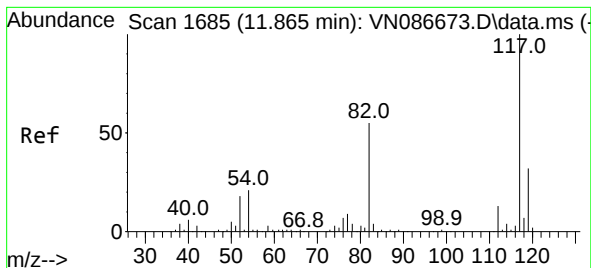
Tgt Ion:107 Resp: 59258
Ion Ratio Lower Upper
107 100
109 95.7 75.0 112.4



#62
4-Bromofluorobenzene
Concen: 50.493 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086760.D
Acq: 22 May 2025 12:43

Tgt Ion: 95 Resp: 205484
Ion Ratio Lower Upper
95 100
174 72.5 0.0 145.4
176 71.5 0.0 137.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN086760.D

Acq: 22 May 2025 12:43

Instrument :

MSVOA_N

ClientSampleId :

VN0522WBSD01

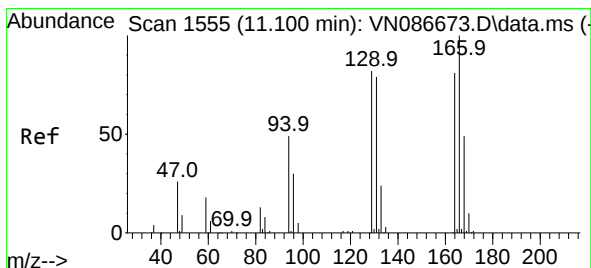
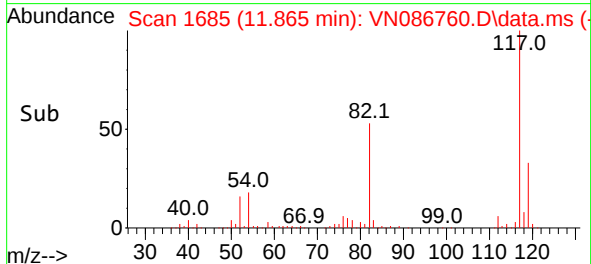
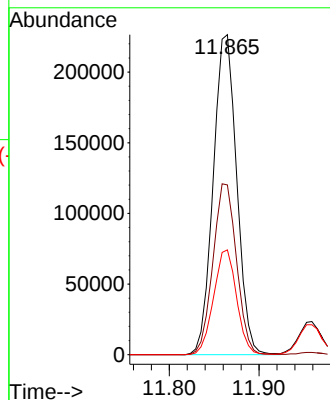
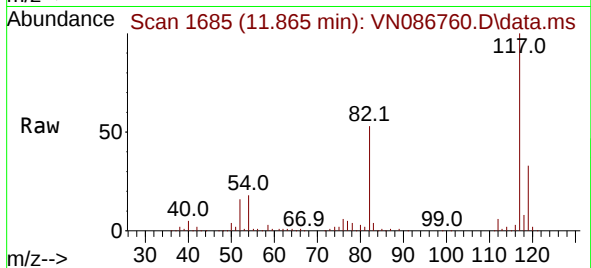
Tgt Ion:117 Resp: 412185

Ion Ratio Lower Upper

117 100

82 53.1 44.2 66.2

119 32.7 25.4 38.2



#64

Tetrachloroethene

Concen: 22.607 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VN086760.D

Acq: 22 May 2025 12:43

Tgt Ion:164 Resp: 71384

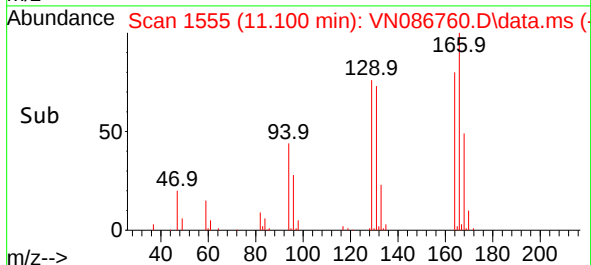
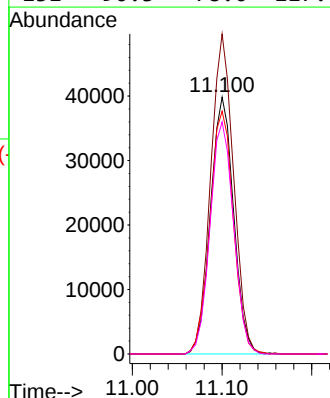
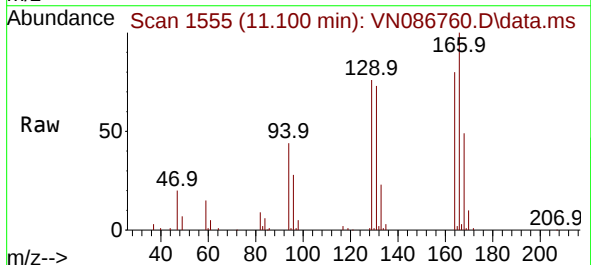
Ion Ratio Lower Upper

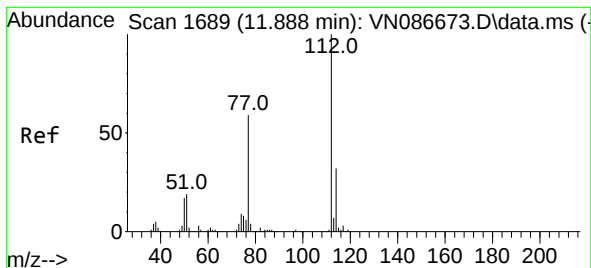
164 100

166 124.6 98.2 147.4

129 94.5 81.0 121.4

131 90.3 78.0 117.0





#65

Chlorobenzene

Concen: 19.720 ug/l

RT: 11.888 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN086760.D

Acq: 22 May 2025 12:43

Instrument :

MSVOA_N

ClientSampleId :

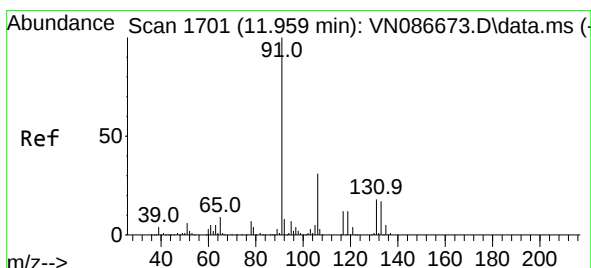
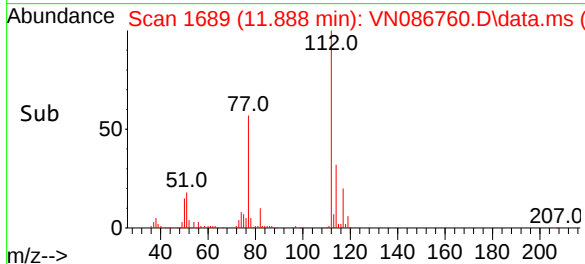
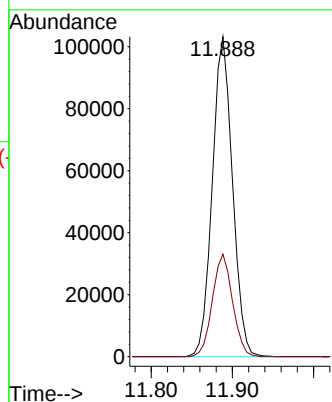
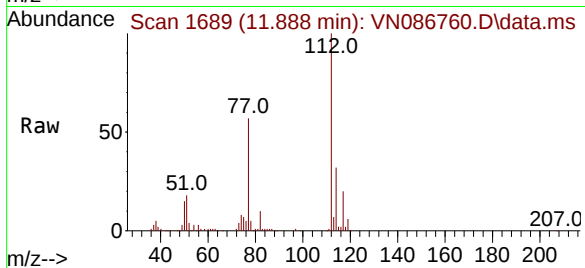
VN0522WBSD01

Tgt Ion:112 Resp: 178243

Ion Ratio Lower Upper

112 100

114 32.0 25.9 38.9



#66

1,1,1,2-Tetrachloroethane

Concen: 20.172 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VN086760.D

Acq: 22 May 2025 12:43

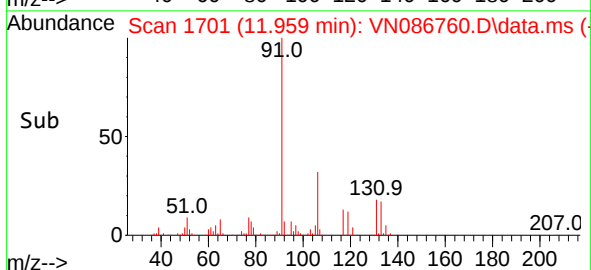
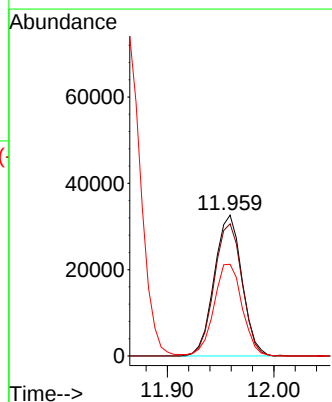
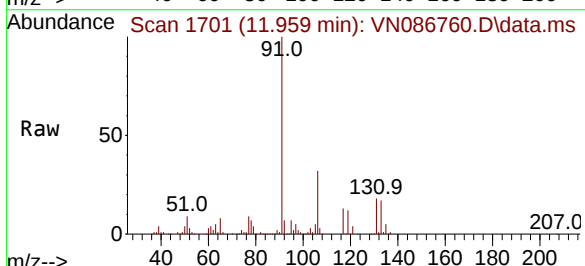
Tgt Ion:131 Resp: 58860

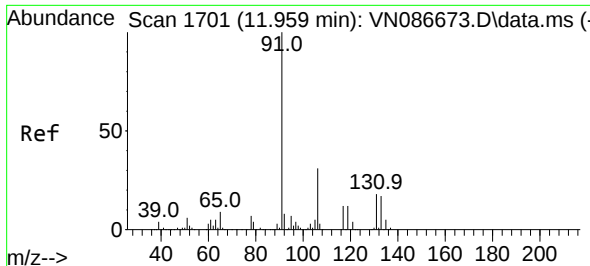
Ion Ratio Lower Upper

131 100

133 94.8 47.9 143.7

119 66.2 33.6 100.8

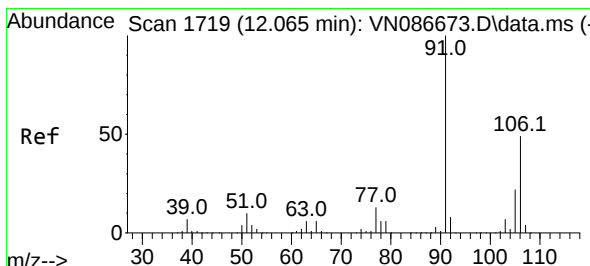
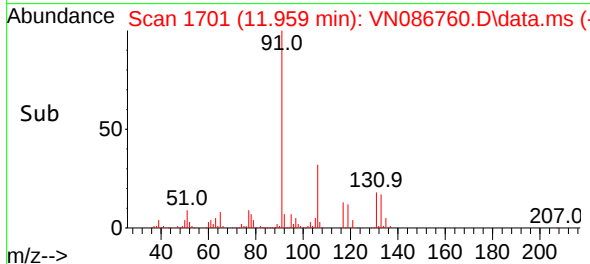
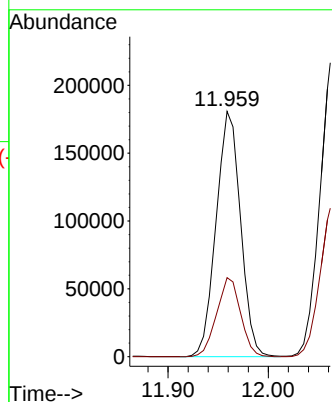
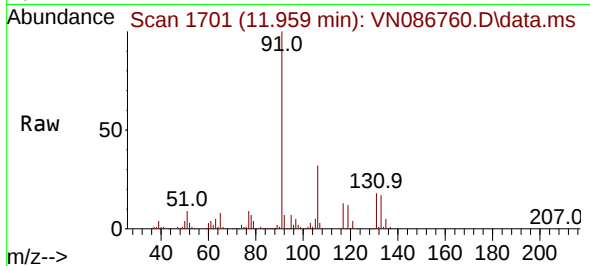




#67
Ethyl Benzene
Concen: 19.742 ug/l
RT: 11.959 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086760.D
Acq: 22 May 2025 12:43

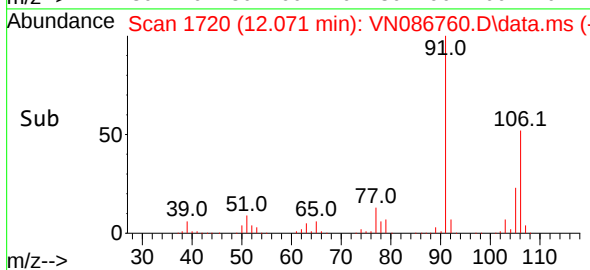
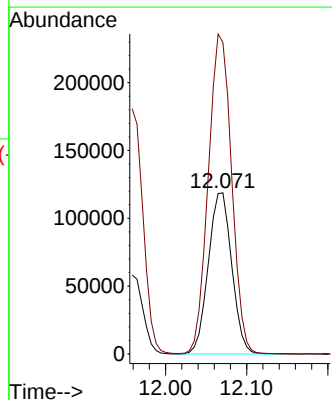
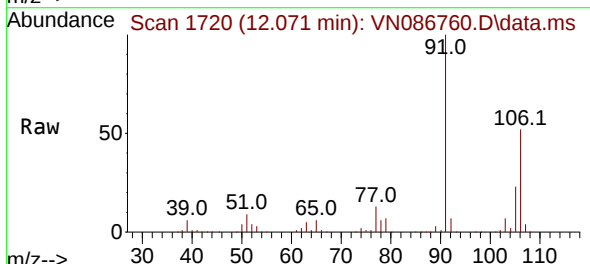
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBSD01

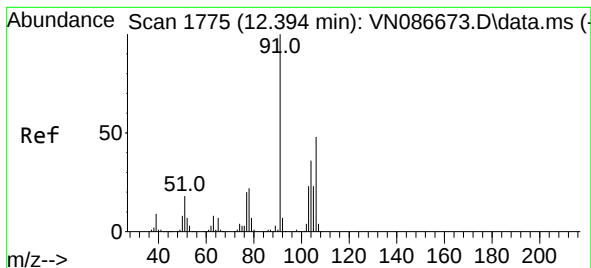
Tgt Ion: 91 Resp: 305633
Ion Ratio Lower Upper
91 100
106 32.2 24.6 36.8



#68
m/p-Xylenes
Concen: 40.641 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN086760.D
Acq: 22 May 2025 12:43

Tgt Ion:106 Resp: 238307
Ion Ratio Lower Upper
106 100
91 197.8 162.4 243.6





#69

o-Xylene

Concen: 20.177 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN086760.D

Acq: 22 May 2025 12:43

Instrument :

MSVOA_N

ClientSampleId :

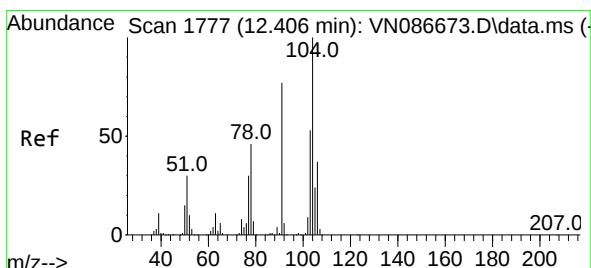
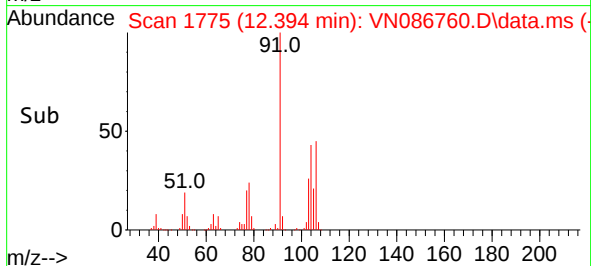
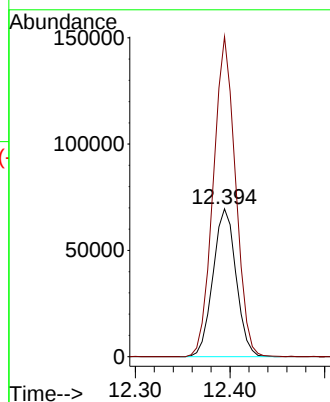
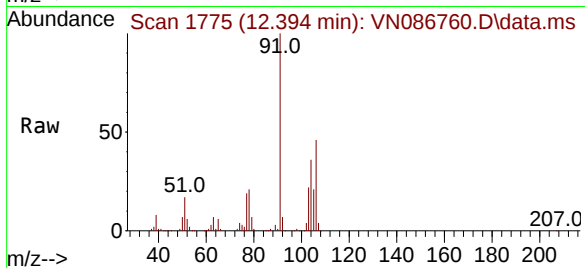
VN0522WBSD01

Tgt Ion:106 Resp: 117625

Ion Ratio Lower Upper

106 100

91 208.6 105.1 315.1



#70

Styrene

Concen: 20.188 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VN086760.D

Acq: 22 May 2025 12:43

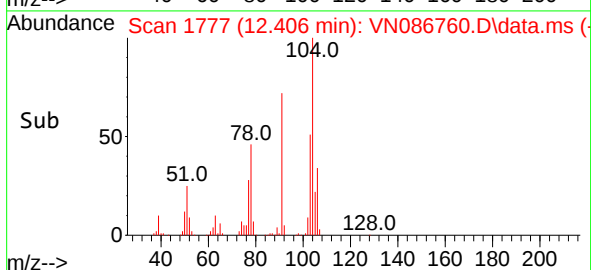
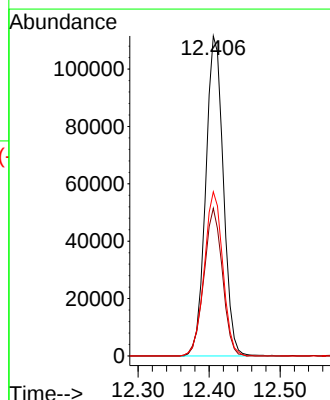
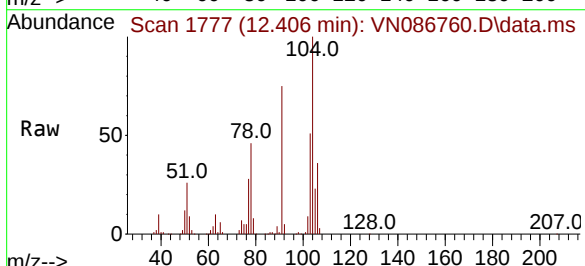
Tgt Ion:104 Resp: 192685

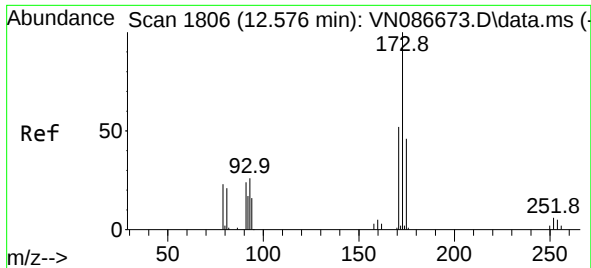
Ion Ratio Lower Upper

104 100

78 48.2 39.0 58.6

103 53.8 43.8 65.8

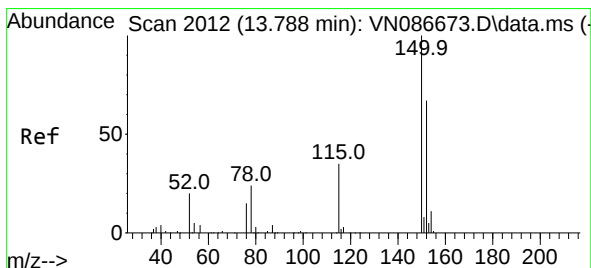
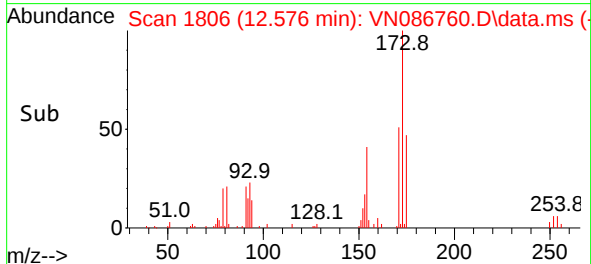
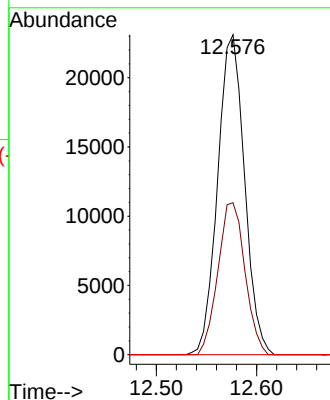
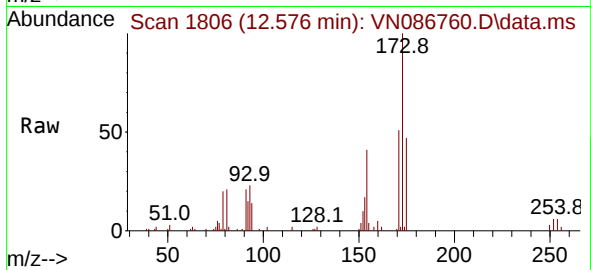




#71
Bromoform
Concen: 20.714 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN086760.D
Acq: 22 May 2025 12:43

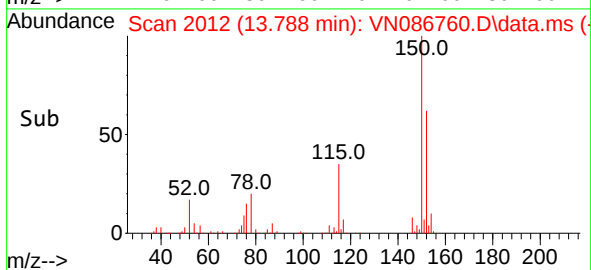
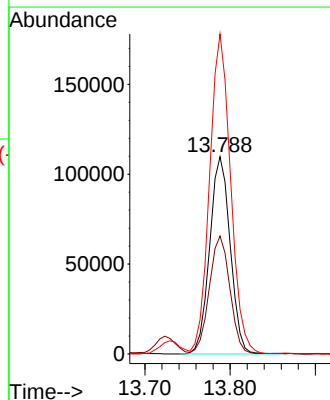
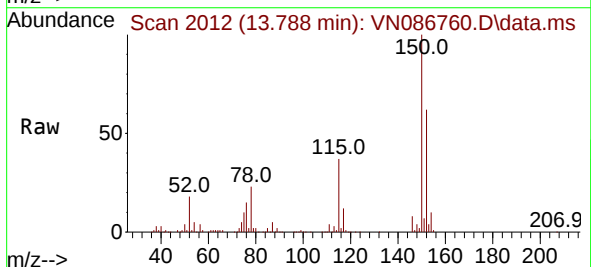
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBSD01

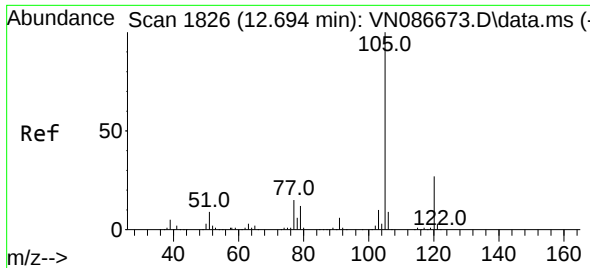
Tgt Ion:173 Resp: 42985
Ion Ratio Lower Upper
173 100
175 47.8 23.4 70.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN086760.D
Acq: 22 May 2025 12:43

Tgt Ion:152 Resp: 184049
Ion Ratio Lower Upper
152 100
115 59.4 30.0 90.1
150 165.9 0.0 347.8

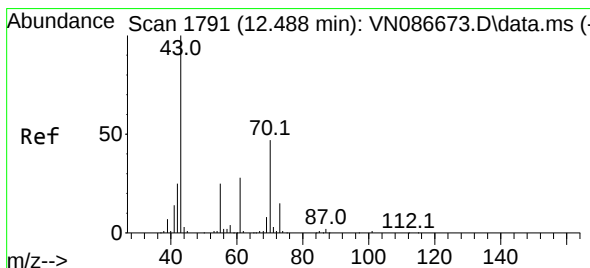
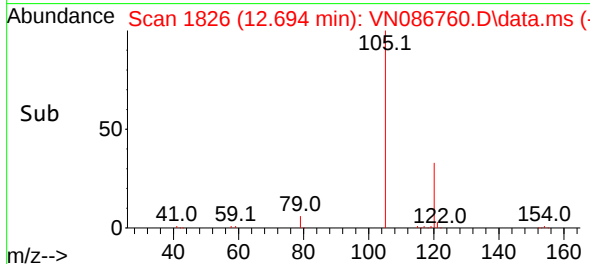
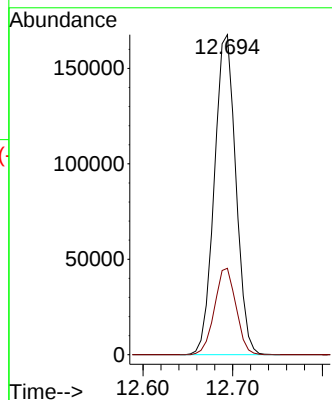
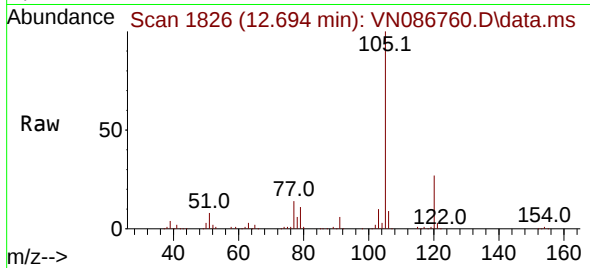




#73
Isopropylbenzene
Concen: 19.654 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN086760.D
Acq: 22 May 2025 12:43

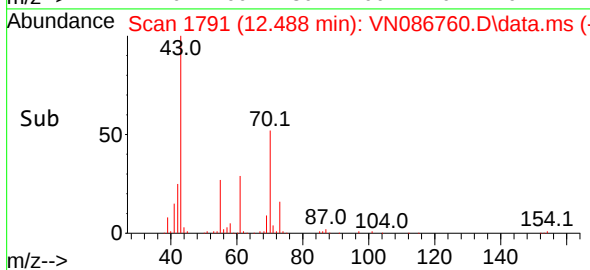
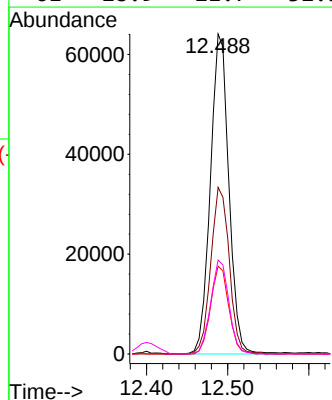
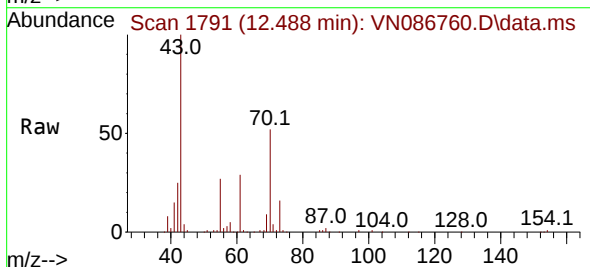
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBSD01

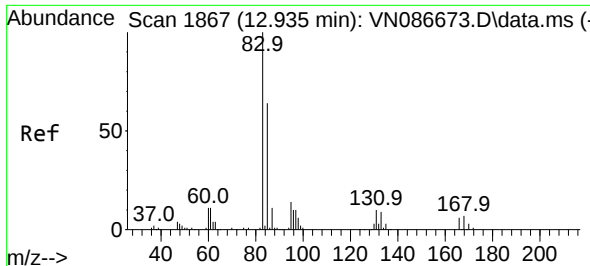
Tgt Ion:105 Resp: 279374
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.1



#74
N-ethyl acetate
Concen: 17.040 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VN086760.D
Acq: 22 May 2025 12:43

Tgt Ion: 43 Resp: 101205
Ion Ratio Lower Upper
43 100
70 52.1 37.9 56.9
55 27.0 20.5 30.7
61 28.9 21.7 32.5

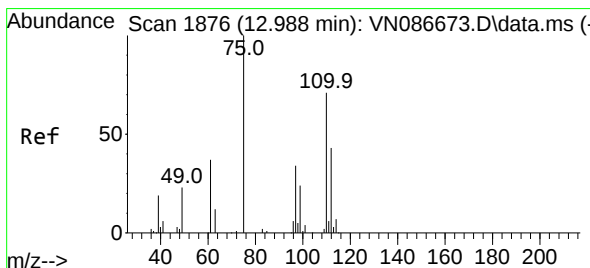
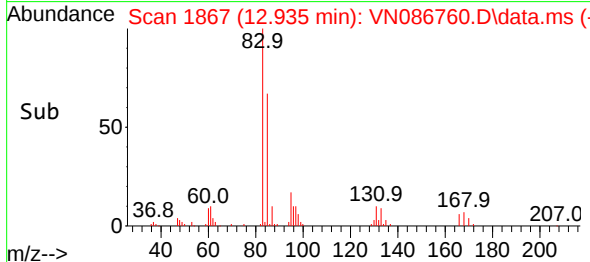
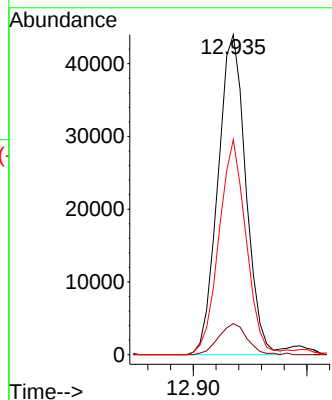
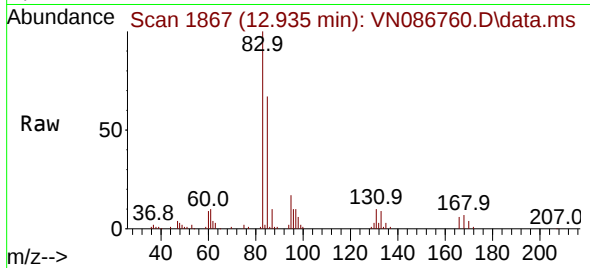




#75
1,1,2,2-Tetrachloroethane
Concen: 17.193 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN086760.D
Acq: 22 May 2025 12:43

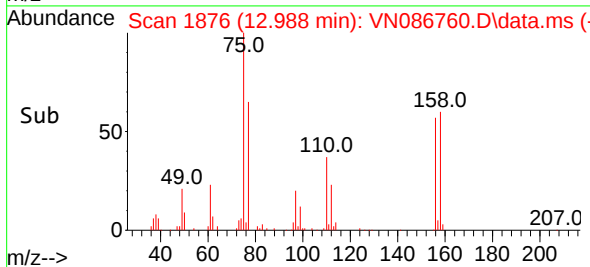
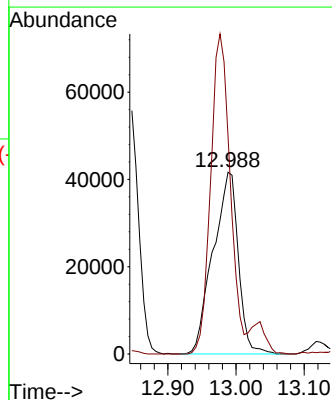
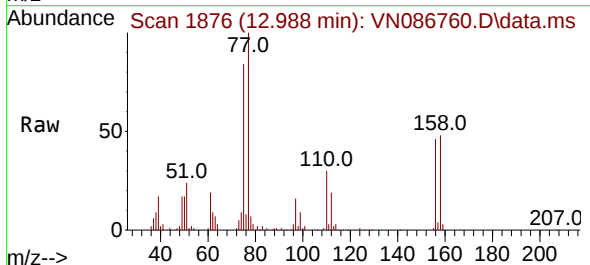
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBSD01

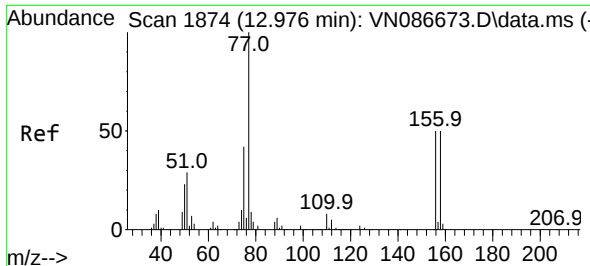
Tgt Ion: 83 Resp: 75083
Ion Ratio Lower Upper
83 100
131 9.9 5.0 15.0
85 65.3 32.4 97.2



#76
1,2,3-Trichloropropane
Concen: 25.762 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN086760.D
Acq: 22 May 2025 12:43

Tgt Ion: 75 Resp: 107233
Ion Ratio Lower Upper
75 100
77 137.4 96.0 288.1

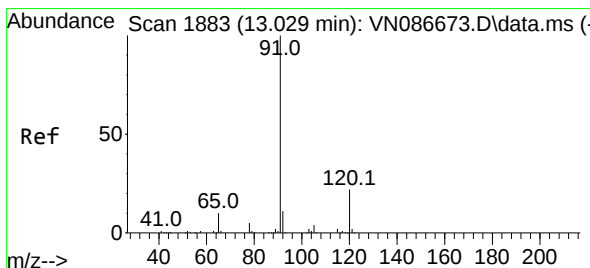
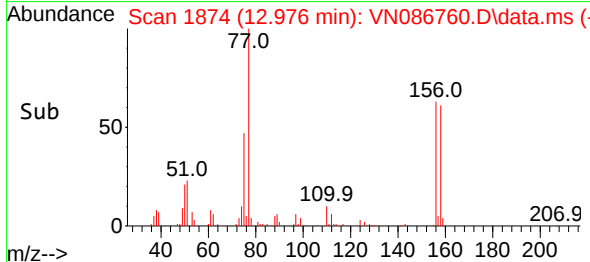
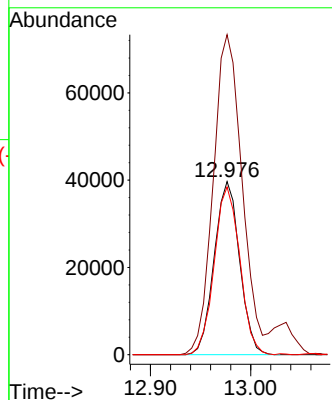
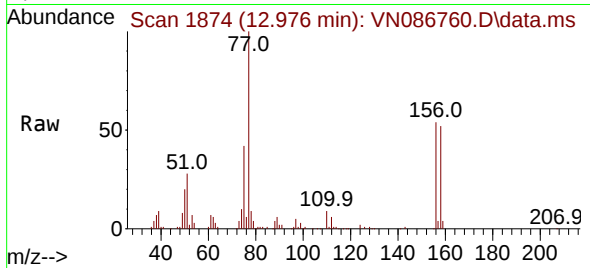




#77
Bromobenzene
Concen: 19.471 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN086760.D
Acq: 22 May 2025 12:43

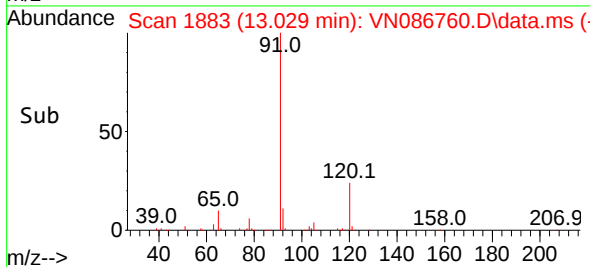
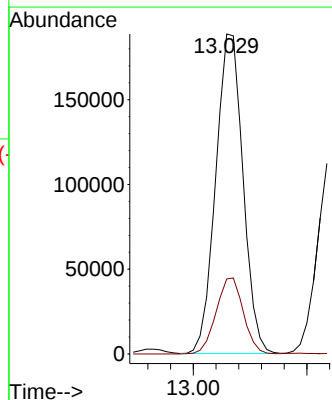
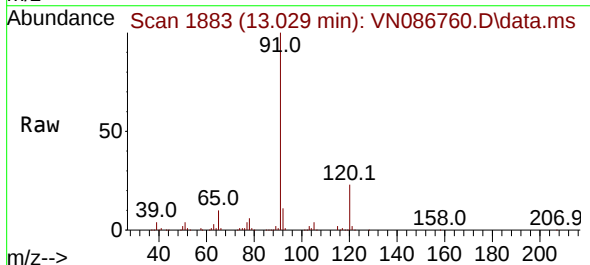
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBSD01

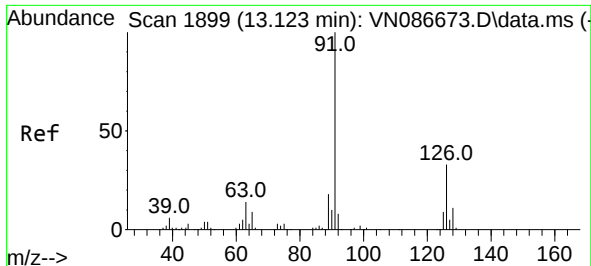
Tgt Ion:156 Resp: 69622
Ion Ratio Lower Upper
156 100
77 211.6 113.1 339.2
158 97.6 48.6 145.9



#78
n-propylbenzene
Concen: 19.263 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN086760.D
Acq: 22 May 2025 12:43

Tgt Ion: 91 Resp: 314234
Ion Ratio Lower Upper
91 100
120 23.7 11.4 34.1

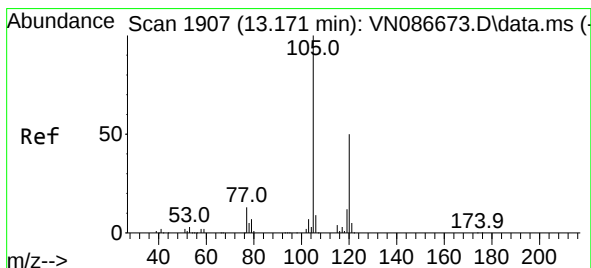
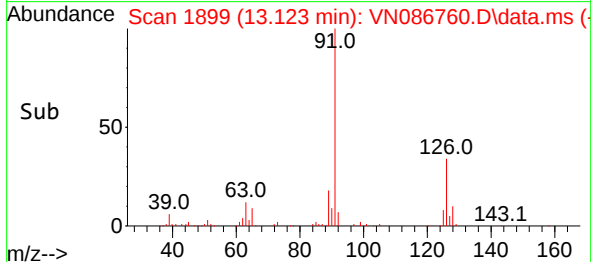
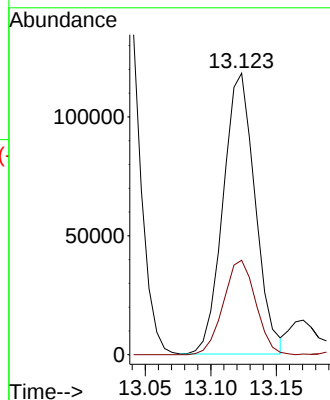
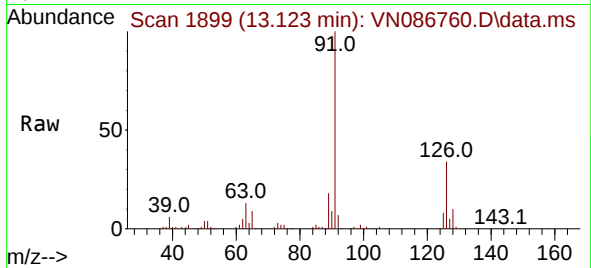




#79
2-Chlorotoluene
Concen: 18.954 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN086760.D
Acq: 22 May 2025 12:43

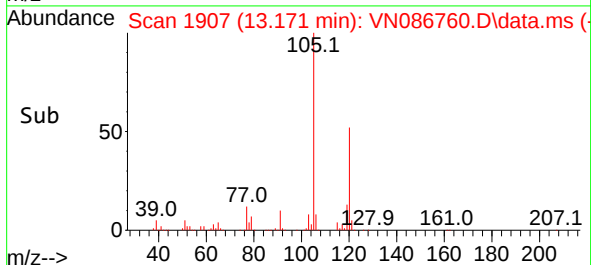
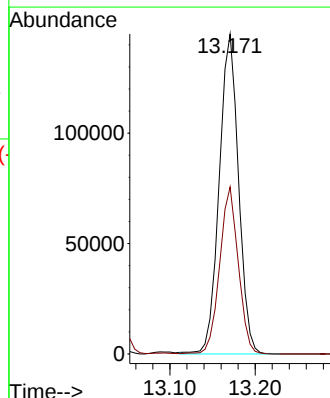
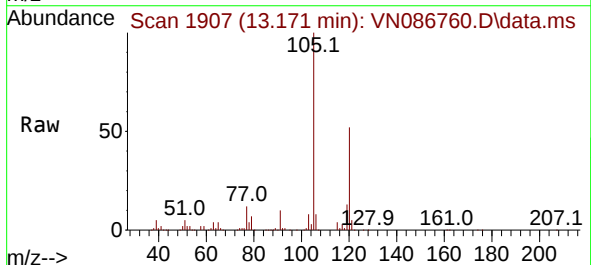
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBSD01

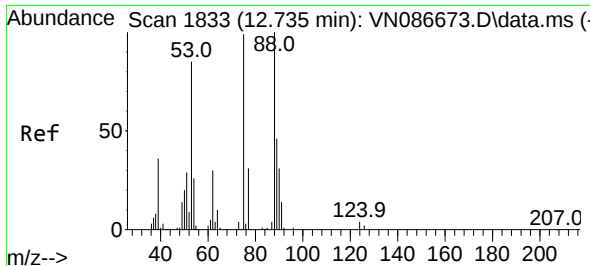
Tgt Ion: 91 Resp: 201042
Ion Ratio Lower Upper
91 100
126 33.9 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 20.022 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086760.D
Acq: 22 May 2025 12:43

Tgt Ion: 105 Resp: 228021
Ion Ratio Lower Upper
105 100
120 50.3 24.9 74.6

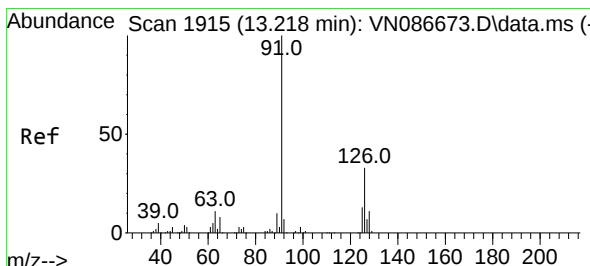
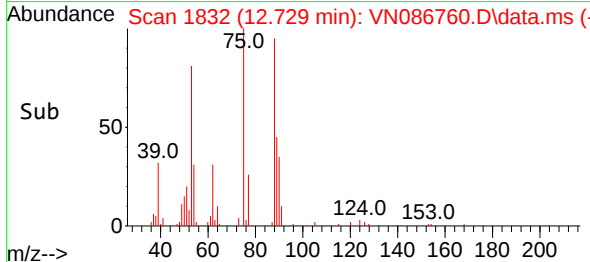
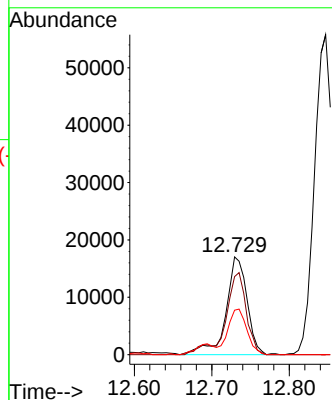
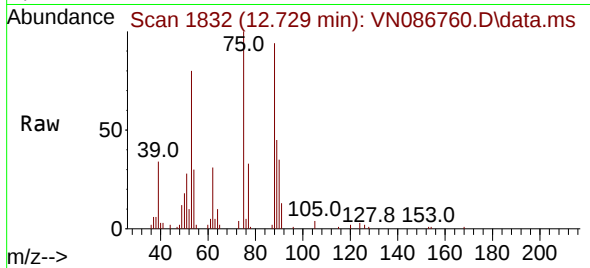




#81
trans-1,4-Dichloro-2-butene
Concen: 19.631 ug/l
RT: 12.729 min Scan# 1832
Delta R.T. -0.006 min
Lab File: VN086760.D
Acq: 22 May 2025 12:43

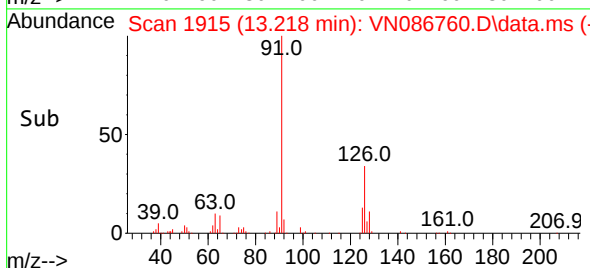
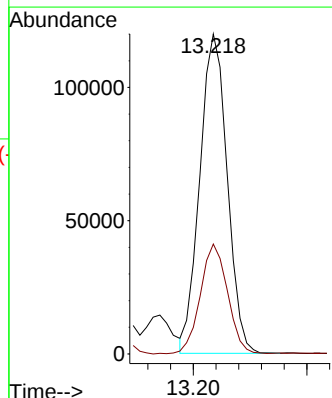
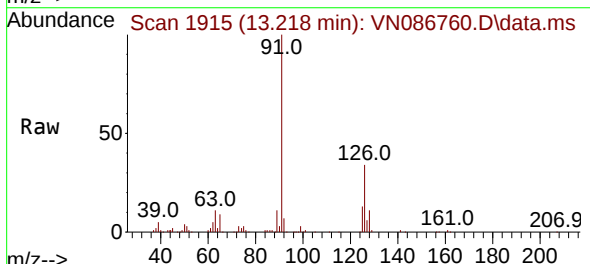
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBSD01

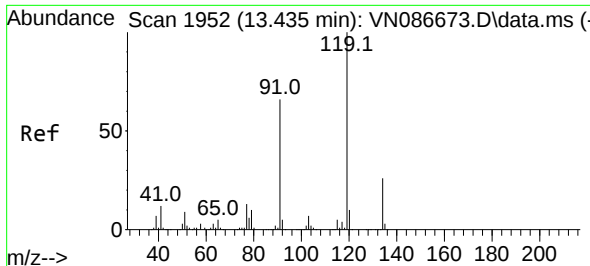
Tgt Ion: 75 Resp: 32378
Ion Ratio Lower Upper
75 100
53 82.3 70.4 105.6
89 41.7 32.4 48.6



#82
4-Chlorotoluene
Concen: 19.116 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086760.D
Acq: 22 May 2025 12:43

Tgt Ion: 91 Resp: 200878
Ion Ratio Lower Upper
91 100
126 34.3 17.0 50.9

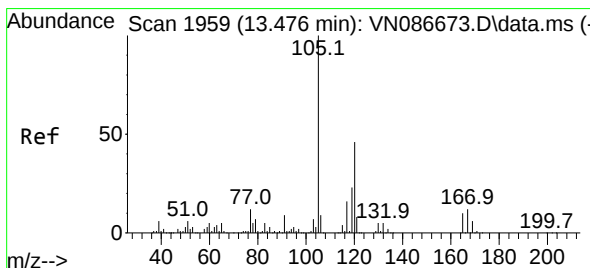
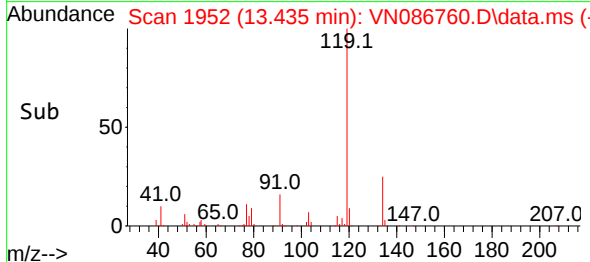
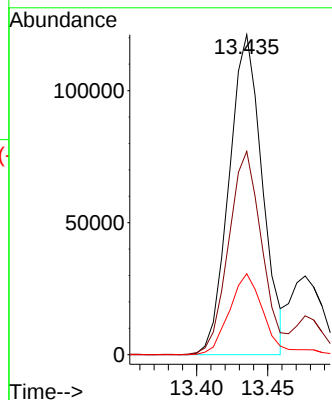
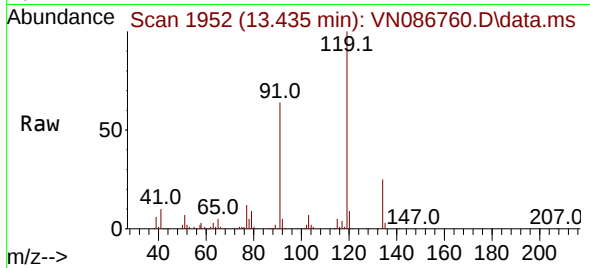




#83
 tert-Butylbenzene
 Concen: 19.850 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VN086760.D
 Acq: 22 May 2025 12:43

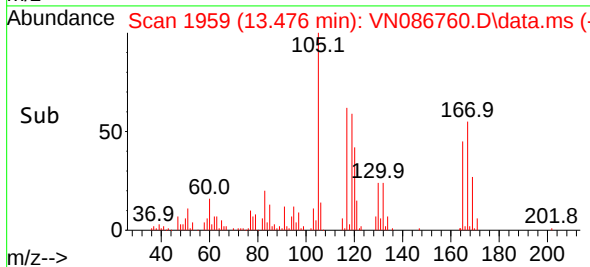
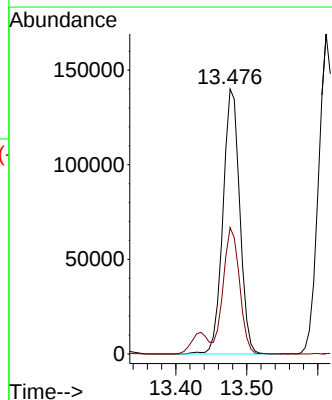
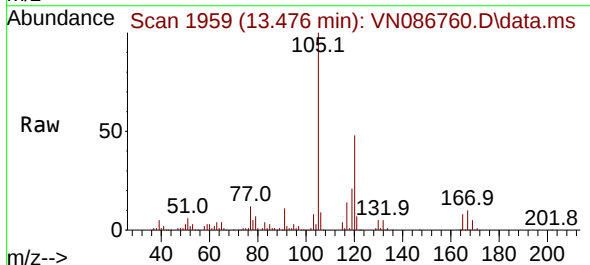
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0522WBSD01

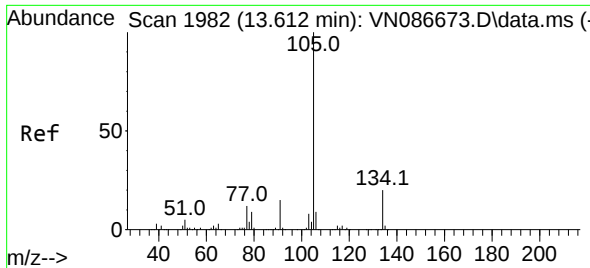
Tgt Ion:119 Resp: 197147
 Ion Ratio Lower Upper
 119 100
 91 64.7 32.9 98.7
 134 26.6 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.180 ug/l
 RT: 13.476 min Scan# 1959
 Delta R.T. 0.000 min
 Lab File: VN086760.D
 Acq: 22 May 2025 12:43

Tgt Ion:105 Resp: 228862
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.2 69.6

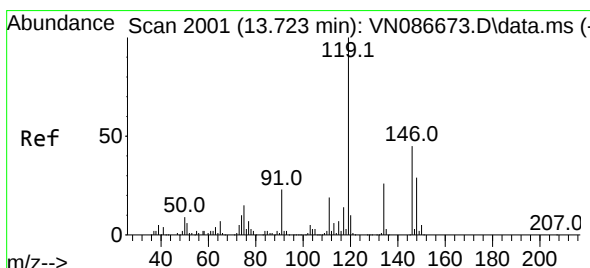
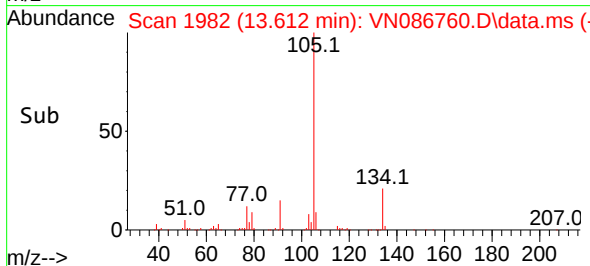
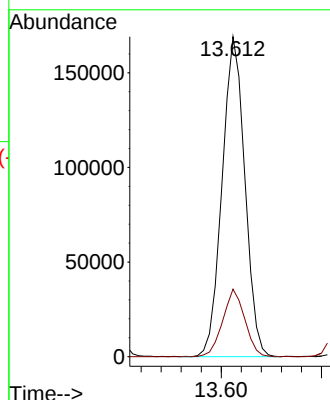
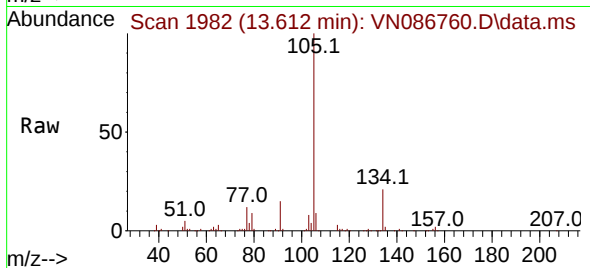




#85
 sec-Butylbenzene
 Concen: 19.949 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN086760.D
 Acq: 22 May 2025 12:43

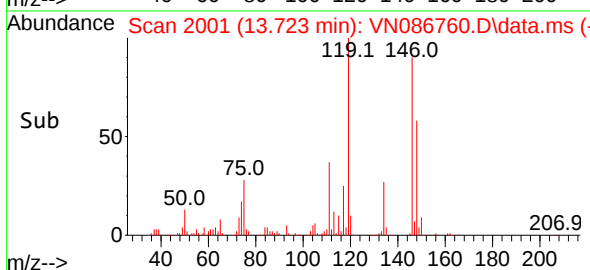
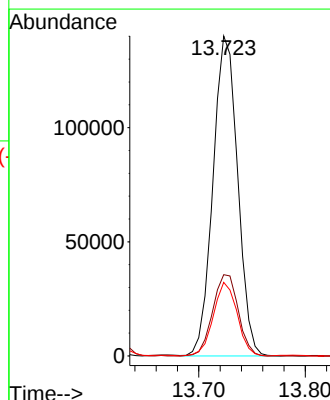
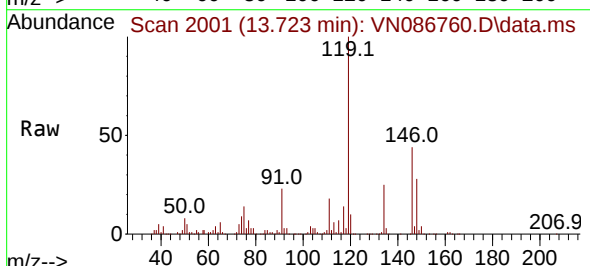
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0522WBSD01

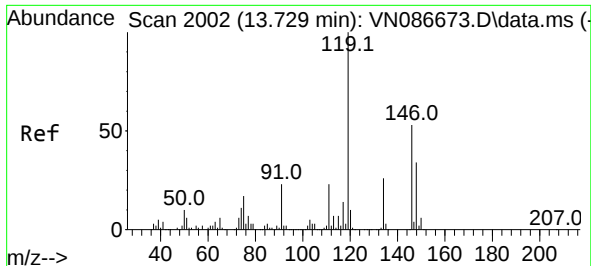
Tgt Ion:105 Resp: 265664
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 20.676 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN086760.D
 Acq: 22 May 2025 12:43

Tgt Ion:119 Resp: 225702
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.1
 91 22.3 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 19.677 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN086760.D

Acq: 22 May 2025 12:43

Instrument :

MSVOA_N

ClientSampleId :

VN0522WBSD01

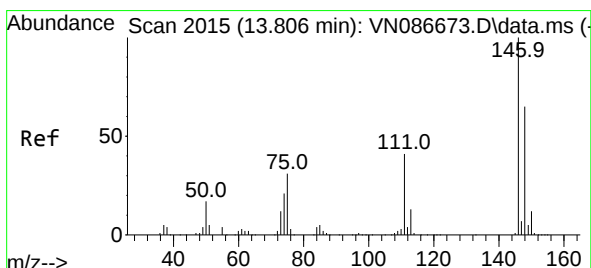
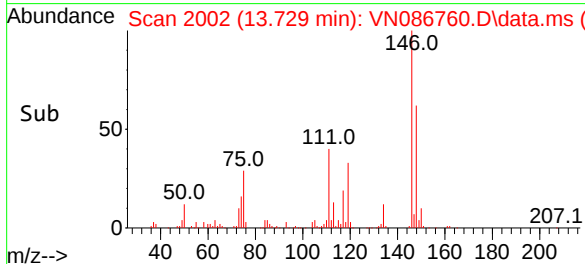
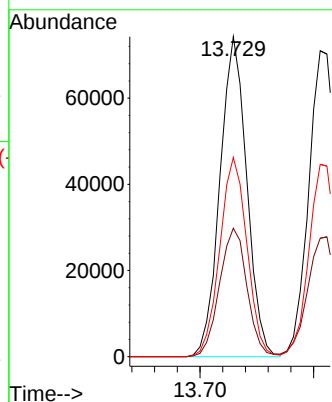
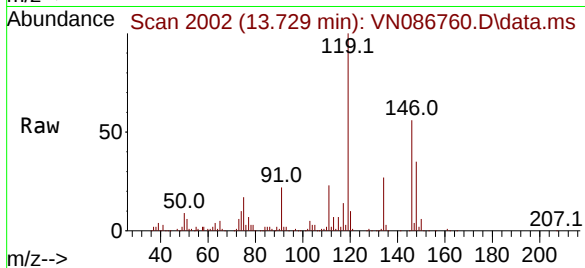
Tgt Ion:146 Resp: 121837

Ion Ratio Lower Upper

146 100

111 41.0 20.9 62.7

148 63.1 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 20.044 ug/l

RT: 13.806 min Scan# 2015

Delta R.T. 0.000 min

Lab File: VN086760.D

Acq: 22 May 2025 12:43

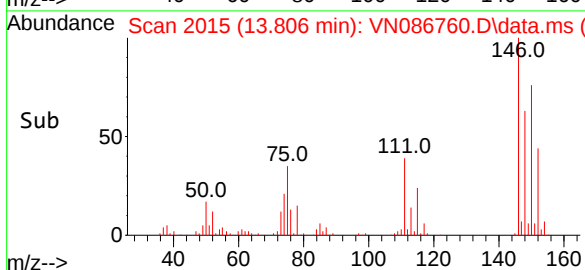
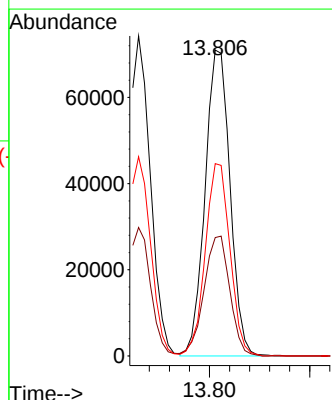
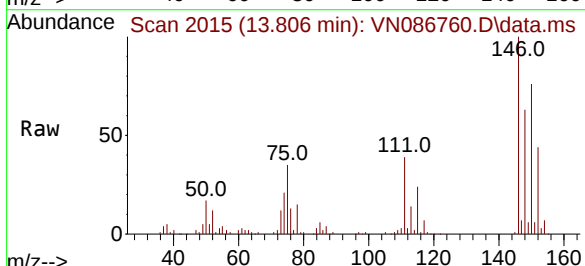
Tgt Ion:146 Resp: 122969

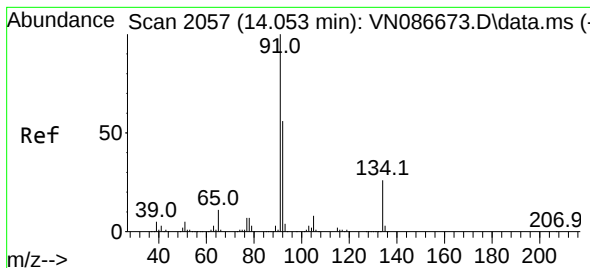
Ion Ratio Lower Upper

146 100

111 40.7 20.6 61.8

148 62.3 32.0 96.0





#89

n-Butylbenzene

Concen: 20.038 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN086760.D

Acq: 22 May 2025 12:43

Instrument :

MSVOA_N

ClientSampleId :

VN0522WBSD01

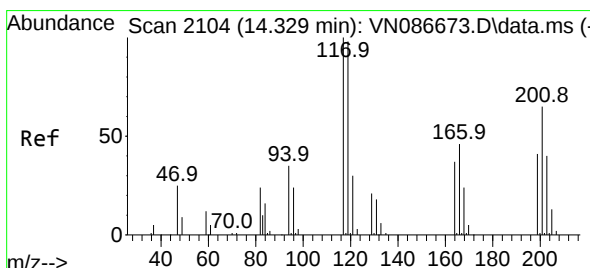
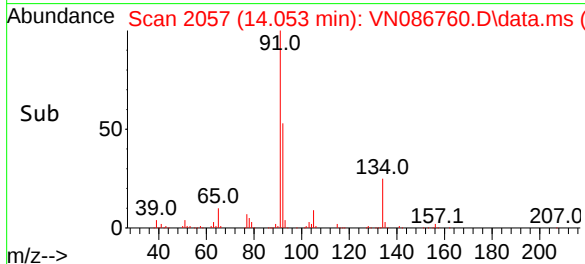
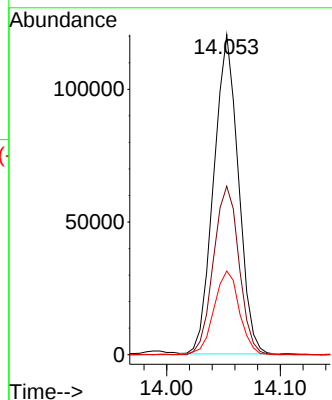
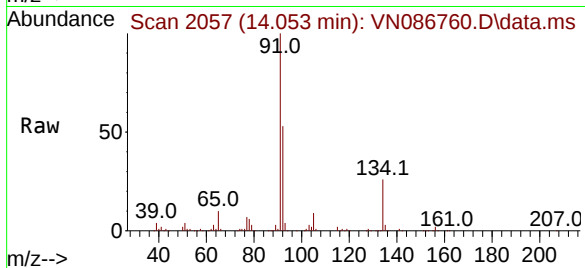
Tgt Ion: 91 Resp: 181329

Ion Ratio Lower Upper

91 100

92 54.7 27.4 82.0

134 27.0 12.8 38.4



#90

Hexachloroethane

Concen: 19.575 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. 0.000 min

Lab File: VN086760.D

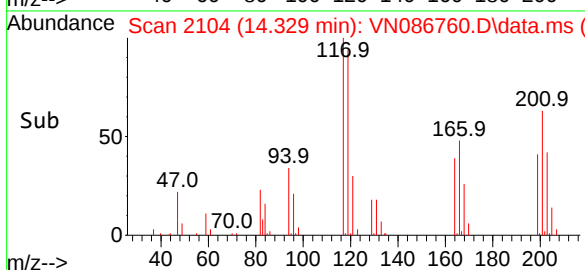
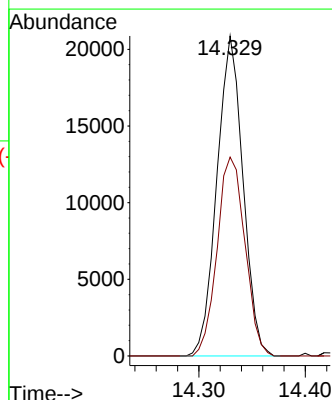
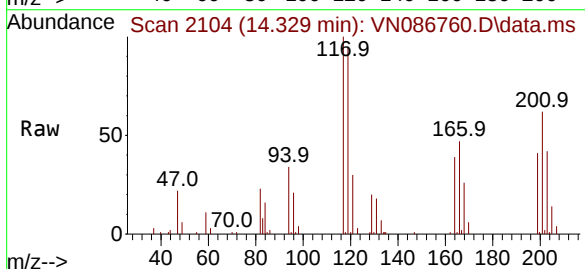
Acq: 22 May 2025 12:43

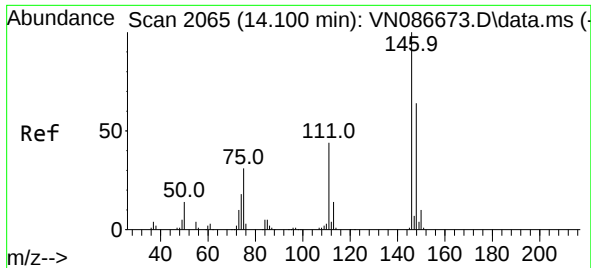
Tgt Ion: 117 Resp: 35453

Ion Ratio Lower Upper

117 100

201 66.3 32.0 96.0

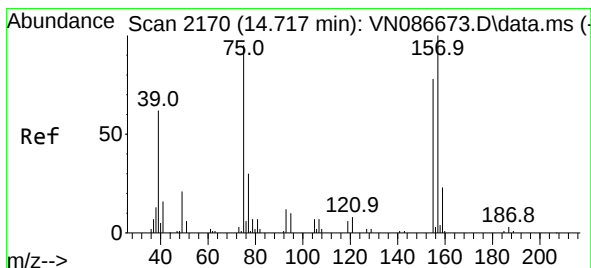
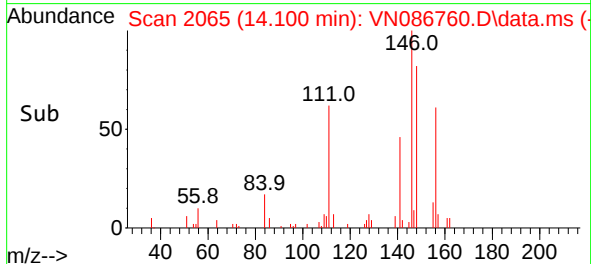
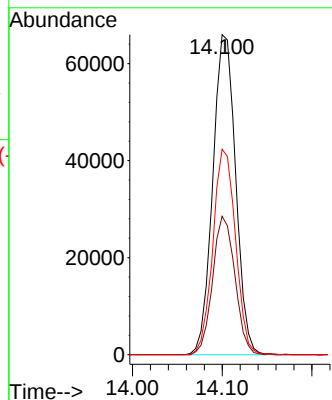
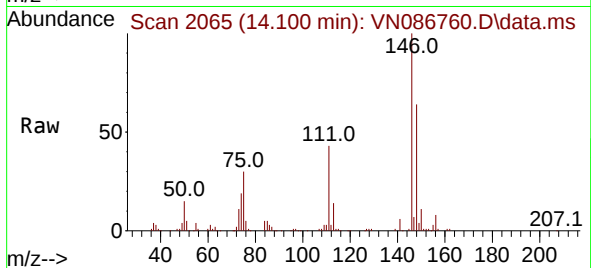




#91
1,2-Dichlorobenzene
Concen: 19.839 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VN086760.D
Acq: 22 May 2025 12:43

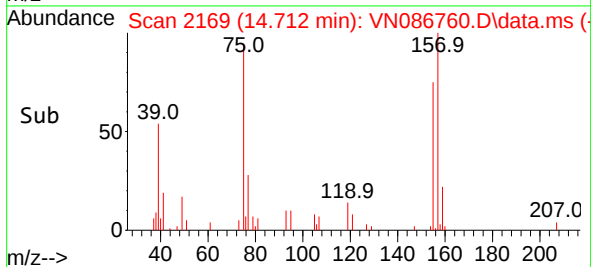
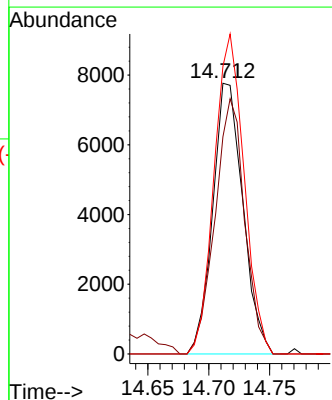
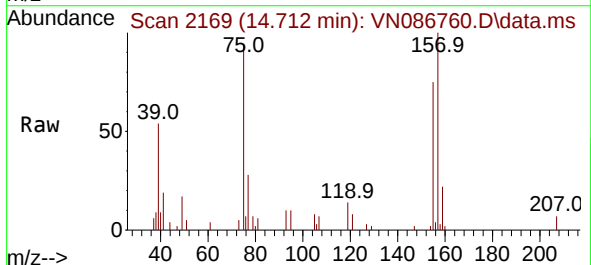
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBSD01

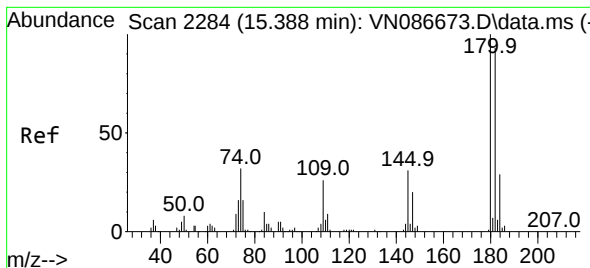
Tgt Ion:146 Resp: 116842
Ion Ratio Lower Upper
146 100
111 42.2 21.6 65.0
148 63.6 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.500 ug/l
RT: 14.712 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VN086760.D
Acq: 22 May 2025 12:43

Tgt Ion: 75 Resp: 13384
Ion Ratio Lower Upper
75 100
155 92.8 40.5 121.5
157 117.1 53.6 160.8





#93

1,2,4-Trichlorobenzene

Concen: 21.461 ug/l

RT: 15.388 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN086760.D

Acq: 22 May 2025 12:43

Instrument :

MSVOA_N

ClientSampleId :

VN0522WBSD01

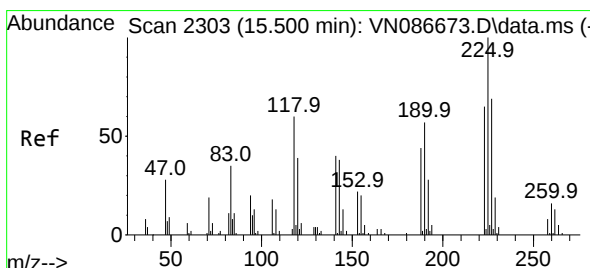
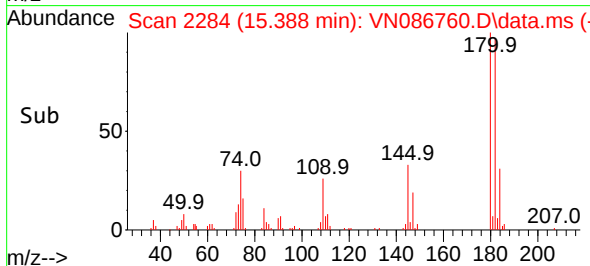
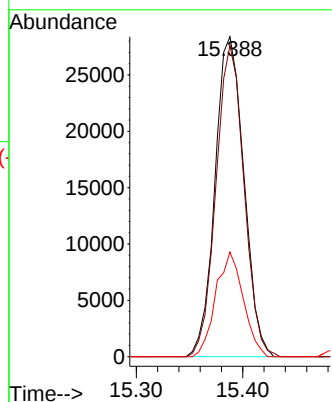
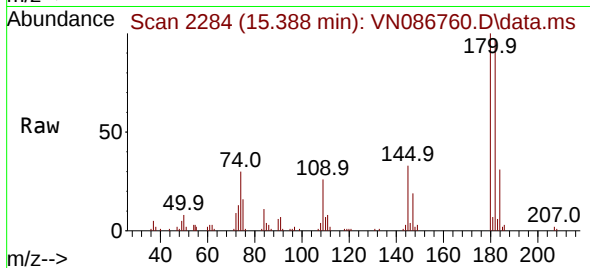
Tgt Ion:180 Resp: 53350

Ion Ratio Lower Upper

180 100

182 94.3 47.1 141.3

145 31.1 15.6 46.8



#94

Hexachlorobutadiene

Concen: 20.842 ug/l

RT: 15.494 min Scan# 2302

Delta R.T. -0.006 min

Lab File: VN086760.D

Acq: 22 May 2025 12:43

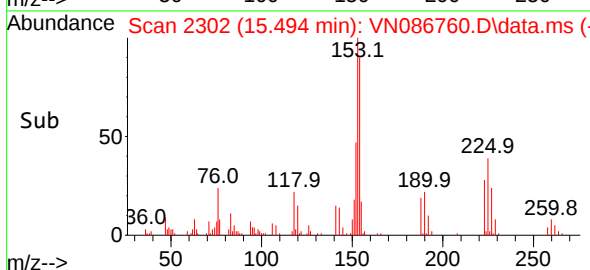
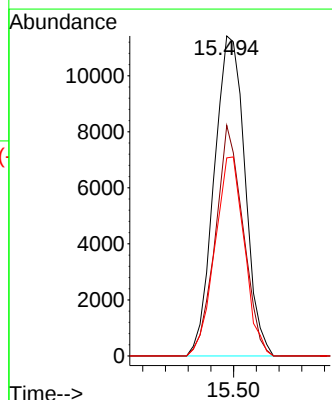
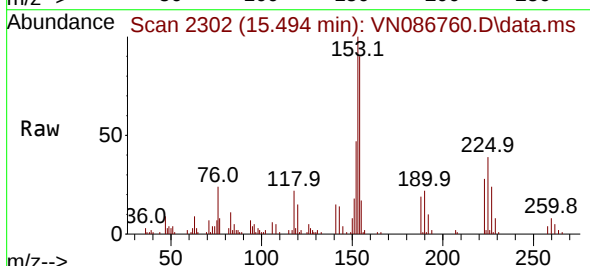
Tgt Ion:225 Resp: 21497

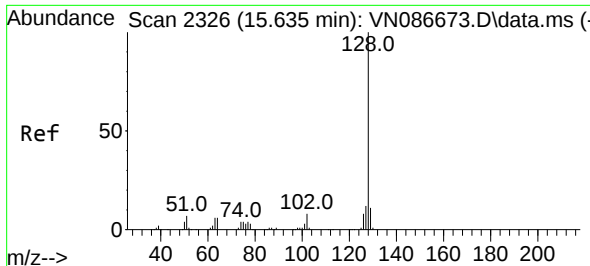
Ion Ratio Lower Upper

225 100

223 64.9 32.9 98.6

227 59.7 32.4 97.2

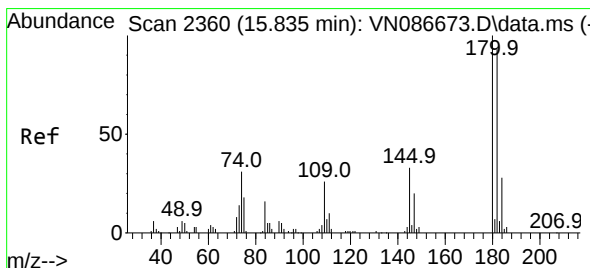
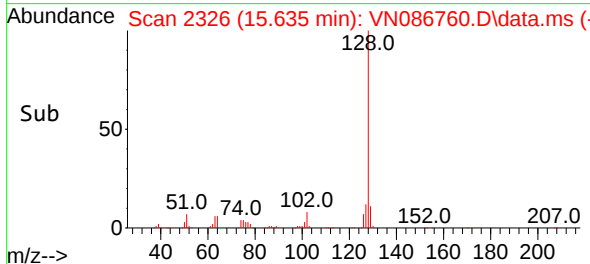
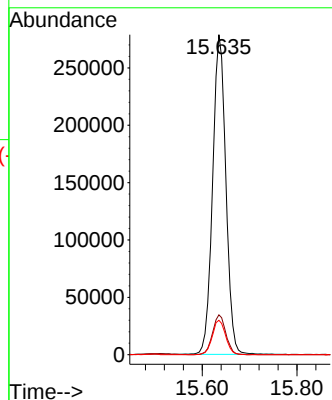
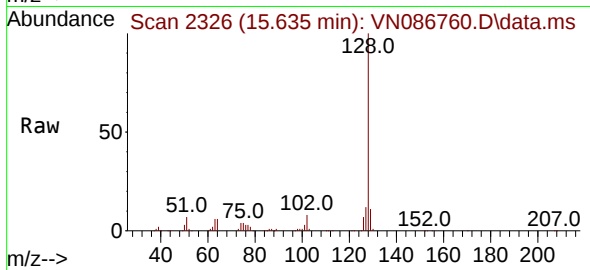




#95
Naphthalene
Concen: 62.494 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN086760.D
Acq: 22 May 2025 12:43

Instrument :
MSVOA_N
ClientSampleId :
VN0522WBSD01

Tgt Ion:128 Resp: 539424
Ion Ratio Lower Upper
128 100
127 12.5 10.1 15.1
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 21.285 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086760.D
Acq: 22 May 2025 12:43

Tgt Ion:180 Resp: 51817
Ion Ratio Lower Upper
180 100
182 89.4 47.0 141.2
145 32.4 16.7 50.1

