

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052225\
 Data File : VN086754.D
 Acq On : 22 May 2025 10:18
 Operator : JC\MD
 Sample : VN0522MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0522MBS01

Quant Time: May 23 01:32:07 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	239706	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	415639	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	367076	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	170899	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	148232	44.752	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.500%
35) Dibromofluoromethane	8.165	113	125086	50.534	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.060%
50) Toluene-d8	10.565	98	507506	49.475	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.960%
62) 4-Bromofluorobenzene	12.847	95	179316	49.508	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.020%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	47187	18.228	ug/l	95
3) Chloromethane	2.359	50	60348	15.413	ug/l	99
4) Vinyl Chloride	2.512	62	56600	16.096	ug/l	96
5) Bromomethane	2.959	94	34105	16.824	ug/l	100
6) Chloroethane	3.124	64	37345	16.212	ug/l	96
7) Trichlorofluoromethane	3.500	101	74415	17.708	ug/l	96
8) Diethyl Ether	3.959	74	33009	19.015	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.371	101	45043	17.904	ug/l	98
10) Methyl Iodide	4.583	142	54928	17.552	ug/l	94
11) Tert butyl alcohol	5.512	59	53187	88.167	ug/l	100
12) 1,1-Dichloroethene	4.342	96	46801	17.505	ug/l	91
13) Acrolein	4.177	56	56008	86.849	ug/l	100
14) Allyl chloride	5.018	41	70959	17.535	ug/l	91
15) Acrylonitrile	5.718	53	130289	87.229	ug/l	100
16) Acetone	4.424	43	96836	78.155	ug/l	97
17) Carbon Disulfide	4.712	76	121108	16.361	ug/l	98
18) Methyl Acetate	5.024	43	55630	16.042	ug/l	95
19) Methyl tert-butyl Ether	5.794	73	167293	18.376	ug/l	99
20) Methylene Chloride	5.277	84	55101	16.852	ug/l	97
21) trans-1,2-Dichloroethene	5.789	96	48981	17.328	ug/l	95
22) Diisopropyl ether	6.665	45	155603	17.044	ug/l	98
23) Vinyl Acetate	6.600	43	568753	82.890	ug/l	96
24) 1,1-Dichloroethane	6.571	63	90144	16.817	ug/l	97
25) 2-Butanone	7.477	43	162482	84.863	ug/l	100
26) 2,2-Dichloropropane	7.494	77	77338	17.483	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	61318	17.672	ug/l	96
28) Bromochloromethane	7.812	49	41211	16.922	ug/l	88
29) Tetrahydrofuran	7.835	42	105240	84.212	ug/l	93
30) Chloroform	7.965	83	92847	17.306	ug/l	98
31) Cyclohexane	8.253	56	80251	16.143	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	79612	17.600	ug/l	94
36) 1,1-Dichloropropene	8.371	75	65671	17.986	ug/l	98
37) Ethyl Acetate	7.553	43	66114	17.926	ug/l	97
38) Carbon Tetrachloride	8.359	117	65916	18.323	ug/l	97
39) Methylcyclohexane	9.600	83	74667	18.895	ug/l	95
40) Benzene	8.600	78	218897	18.378	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	37210	18.685	ug/l	96
42) 1,2-Dichloroethane	8.671	62	66164	17.830	ug/l	97
43) Isopropyl Acetate	8.688	43	114573	15.496	ug/l	96
44) Trichloroethene	9.353	130	55704	19.390	ug/l	95
45) 1,2-Dichloropropane	9.618	63	51959	18.363	ug/l	99
46) Dibromomethane	9.706	93	36163	18.941	ug/l	96
47) Bromodichloromethane	9.888	83	72372	18.397	ug/l	97
48) Methyl methacrylate	9.677	41	50648	17.678	ug/l	92
49) 1,4-Dioxane	9.688	88	25013	412.296	ug/l	96
51) 4-Methyl-2-Pentanone	10.441	43	326938	87.684	ug/l	97
52) Toluene	10.629	92	138095	18.654	ug/l	100
53) t-1,3-Dichloropropene	10.829	75	78628	18.878	ug/l	98
54) cis-1,3-Dichloropropene	10.306	75	84834	18.659	ug/l	93
55) 1,1,2-Trichloroethane	11.012	97	51084	18.499	ug/l	97
56) Ethyl methacrylate	10.871	69	84742	19.113	ug/l	94
57) 1,3-Dichloropropane	11.159	76	88764	18.658	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	195491	98.653	ug/l	97
59) 2-Hexanone	11.194	43	240187	88.212	ug/l	97
60) Dibromochloromethane	11.359	129	56854	19.645	ug/l	99
61) 1,2-Dibromoethane	11.465	107	52084	18.769	ug/l	98
64) Tetrachloroethene	11.100	164	57713	20.524	ug/l	95
65) Chlorobenzene	11.888	112	153127	19.024	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	49254	18.955	ug/l	98
67) Ethyl Benzene	11.959	91	255233	18.512	ug/l	99
68) m/p-Xylenes	12.070	106	201636	38.612	ug/l	96
69) o-Xylene	12.394	106	99582	19.181	ug/l	98
70) Styrene	12.406	104	163486	19.234	ug/l	99
71) Bromoform	12.576	173	37837	20.474	ug/l #	97
73) Isopropylbenzene	12.694	105	232972	17.650	ug/l	100
74) N-amyl acetate	12.488	43	88180	15.990	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	69704	17.189	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	95693	24.759	ug/l	61
77) Bromobenzene	12.976	156	58709	17.682	ug/l	96
78) n-propylbenzene	13.035	91	269787	17.811	ug/l	98
79) 2-Chlorotoluene	13.123	91	175534	17.823	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	192948	18.246	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	29057	18.973	ug/l	96
82) 4-Chlorotoluene	13.217	91	173825	17.814	ug/l	100
83) tert-Butylbenzene	13.435	119	171618	18.609	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	193619	18.386	ug/l	100
85) sec-Butylbenzene	13.612	105	229971	18.597	ug/l	100
86) p-Isopropyltoluene	13.723	119	194269	19.166	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	108014	18.787	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	109941	19.300	ug/l	99
89) n-Butylbenzene	14.053	91	159921	19.032	ug/l	99
90) Hexachloroethane	14.329	117	31070	18.475	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	105818	19.350	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12753	18.984	ug/l	94
93) 1,2,4-Trichlorobenzene	15.388	180	47418	20.542	ug/l	98
94) Hexachlorobutadiene	15.500	225	20349	21.248	ug/l	97
95) Naphthalene	15.641	128	165106	20.600	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	46335	20.497	ug/l	99

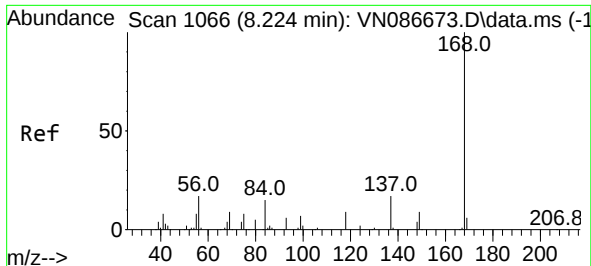
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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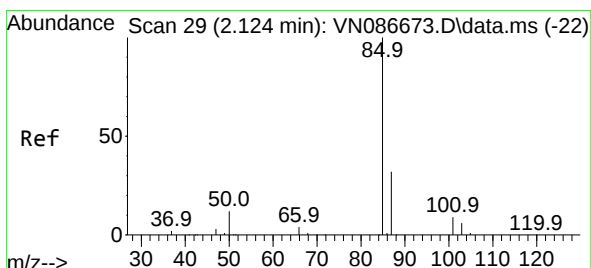
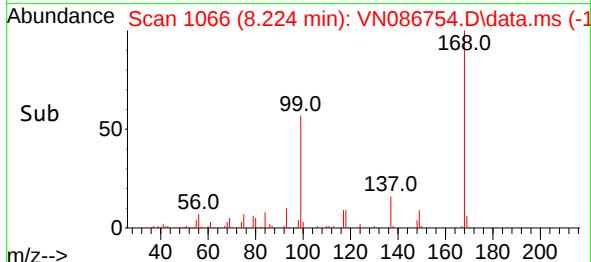
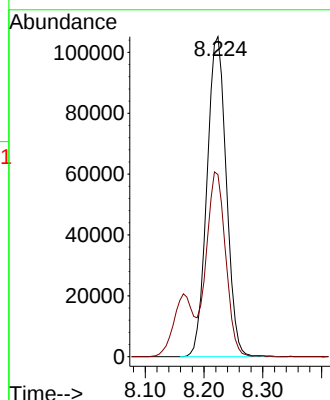
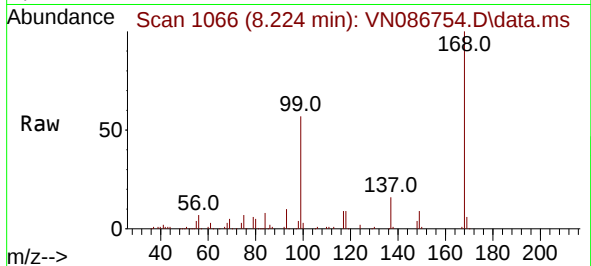
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

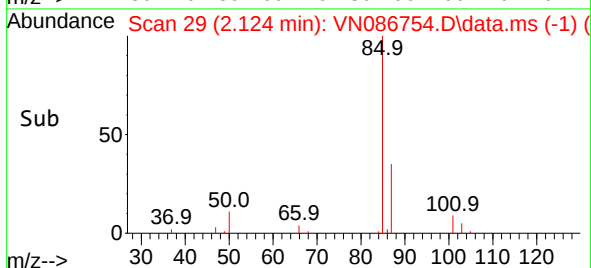
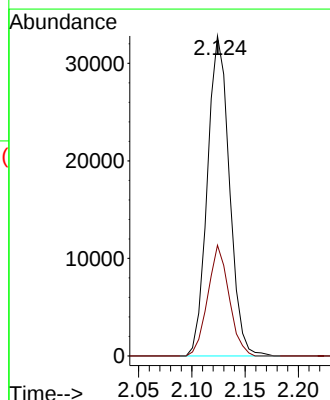
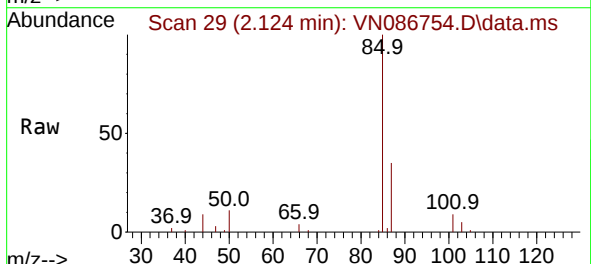
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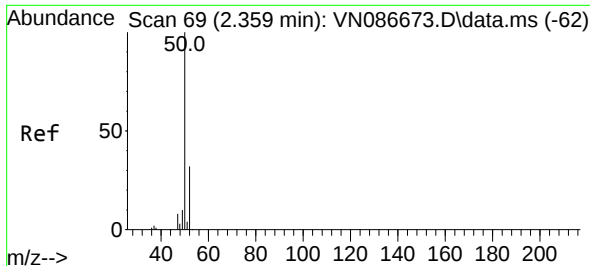
Tgt Ion:168 Resp: 239706
Ion Ratio Lower Upper
168 100
99 56.9 47.0 70.4



#2
Dichlorodifluoromethane
Concen: 18.228 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

Tgt Ion: 85 Resp: 47187
Ion Ratio Lower Upper
85 100
87 34.6 15.9 47.6

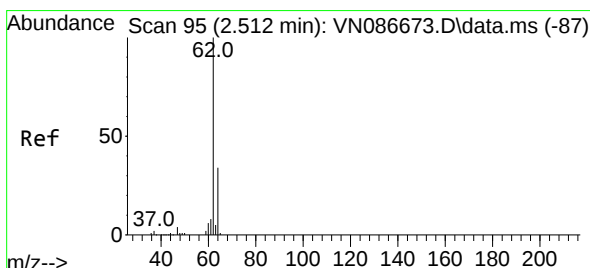
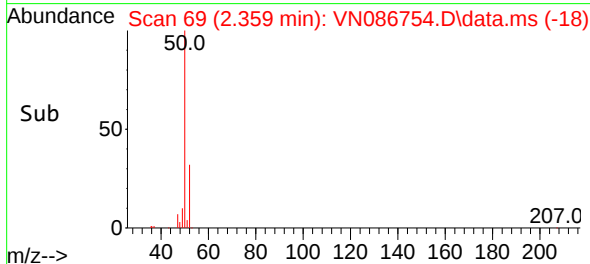
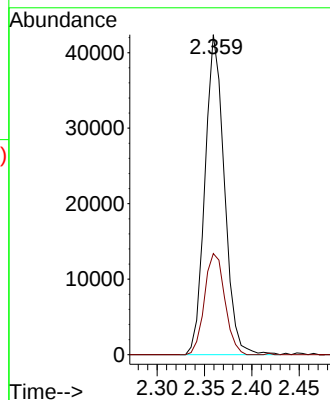
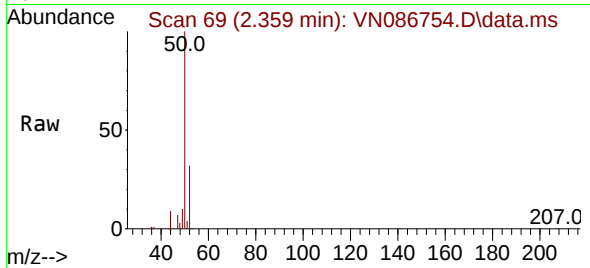




#3
Chloromethane
Concen: 15.413 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

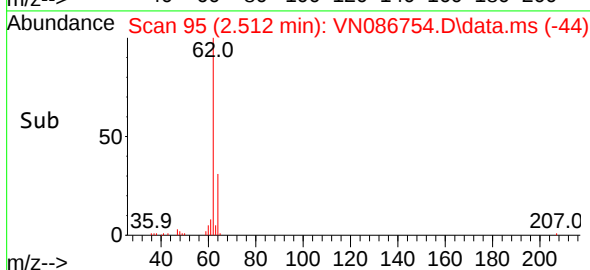
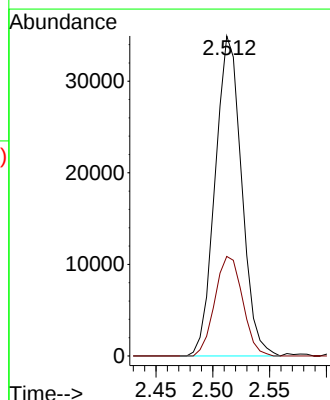
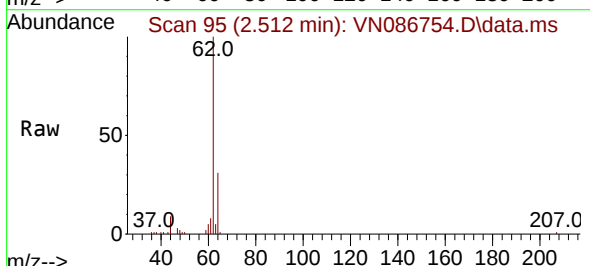
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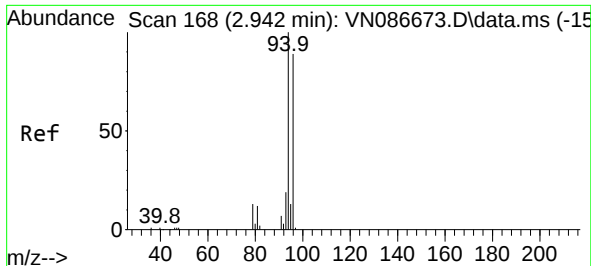
Tgt Ion: 50 Resp: 60348
Ion Ratio Lower Upper
50 100
52 31.6 25.9 38.9



#4
Vinyl Chloride
Concen: 16.096 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

Tgt Ion: 62 Resp: 56600
Ion Ratio Lower Upper
62 100
64 31.1 26.9 40.3

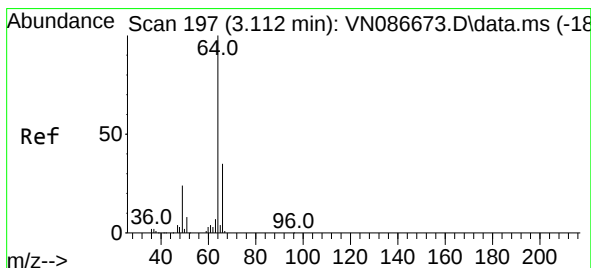
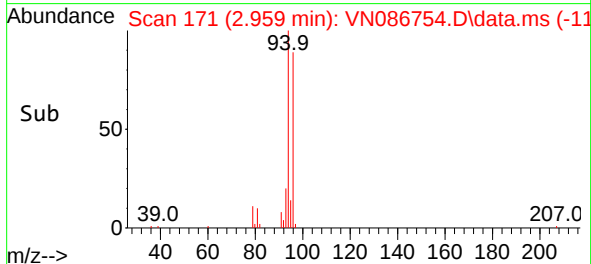
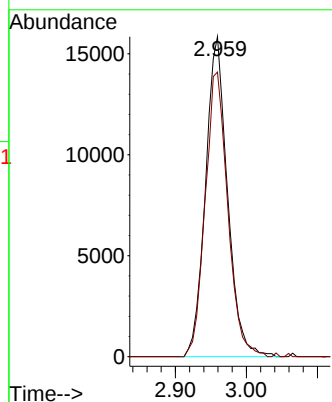
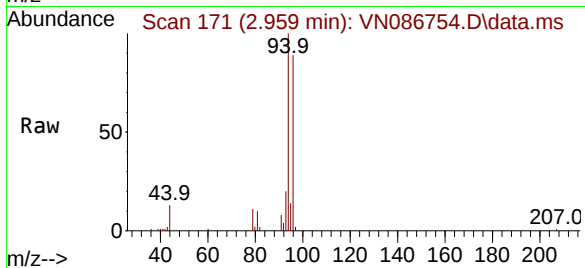




#5
Bromomethane
Concen: 16.824 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

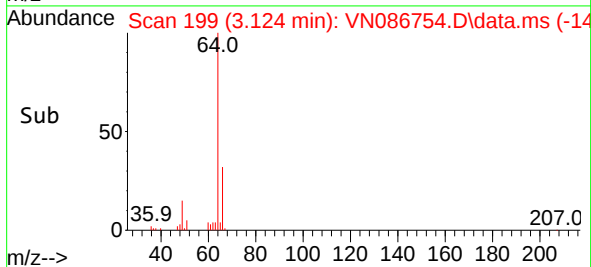
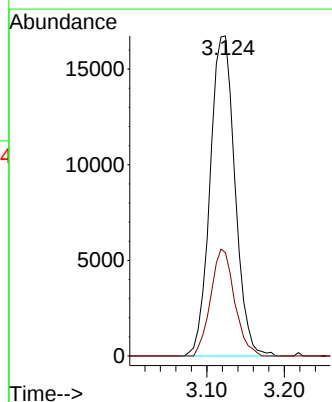
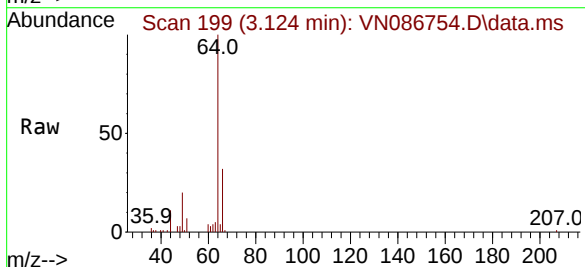
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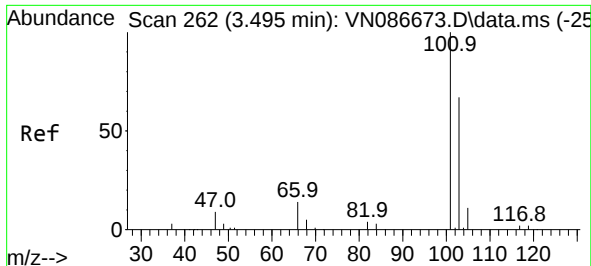
Tgt Ion: 94 Resp: 34105
Ion Ratio Lower Upper
94 100
96 88.9 71.2 106.8



#6
Chloroethane
Concen: 16.212 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.012 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

Tgt Ion: 64 Resp: 37345
Ion Ratio Lower Upper
64 100
66 32.3 27.7 41.5

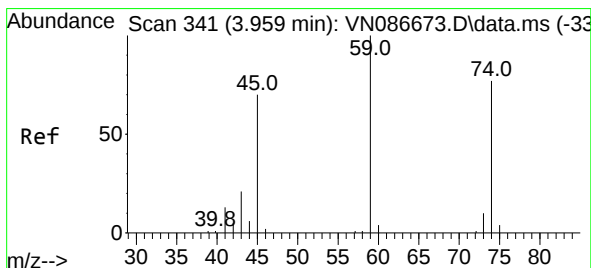
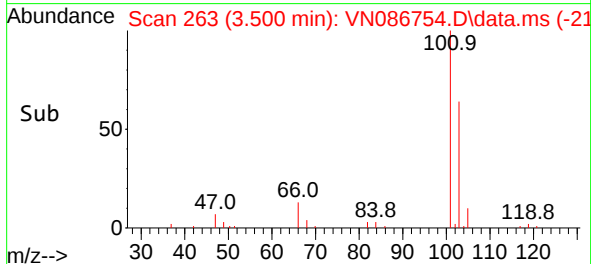
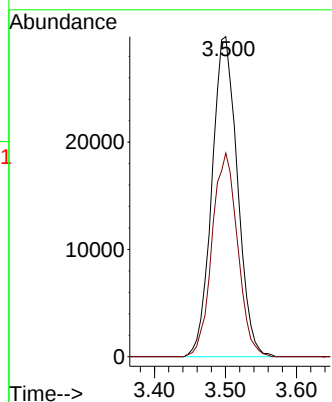
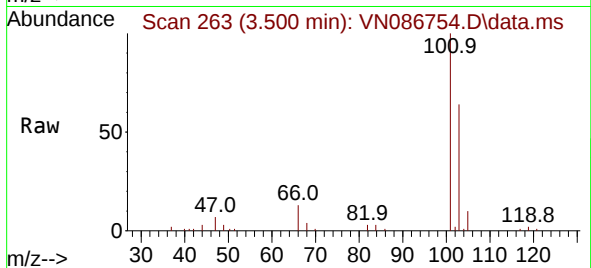




#7
Trichlorofluoromethane
Concen: 17.708 ug/l
RT: 3.500 min Scan# 210
Delta R.T. 0.006 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

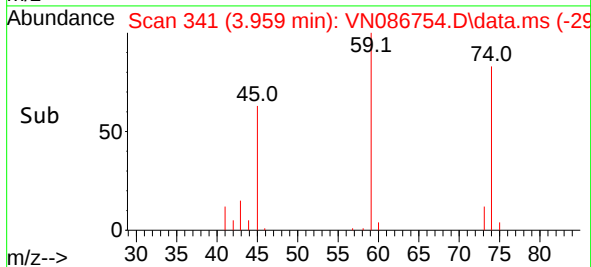
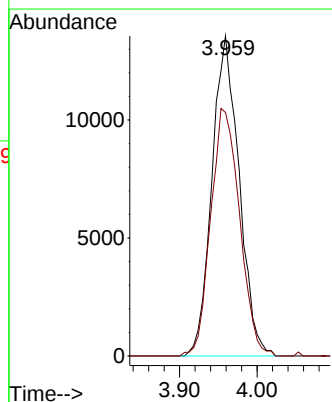
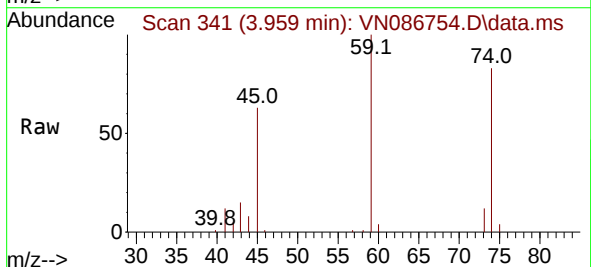
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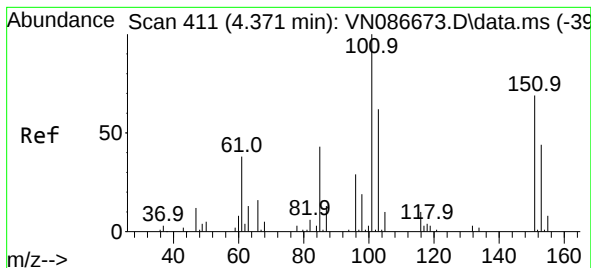
Tgt Ion:101 Resp: 74415
Ion Ratio Lower Upper
101 100
103 63.6 53.4 80.0



#8
Diethyl Ether
Concen: 19.015 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

Tgt Ion: 74 Resp: 33009
Ion Ratio Lower Upper
74 100
45 82.2 45.0 135.0

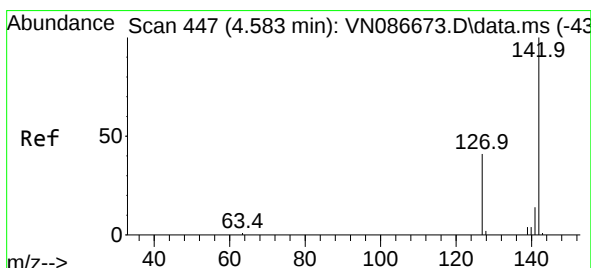
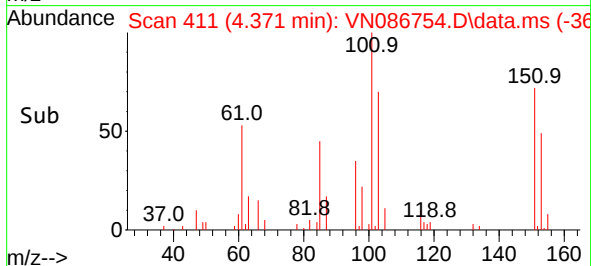
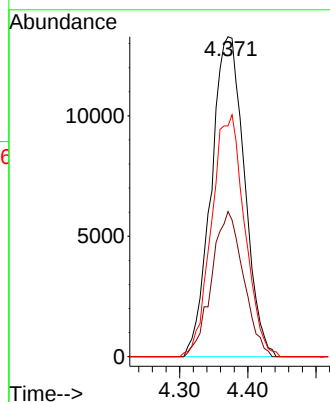
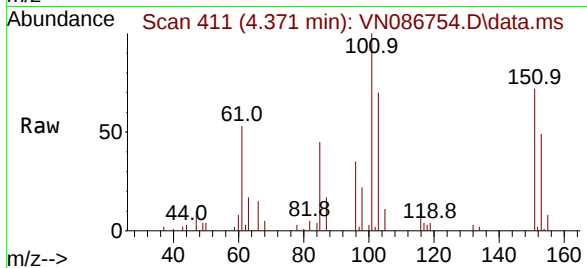




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.904 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

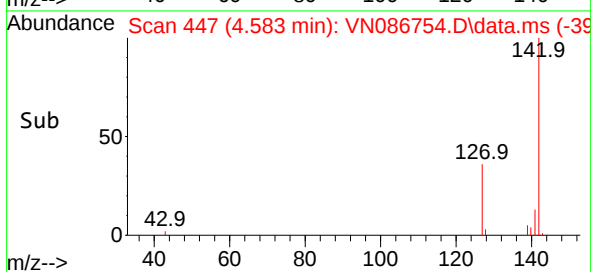
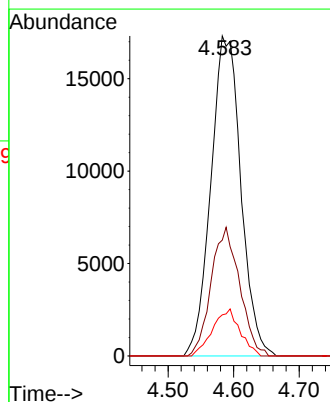
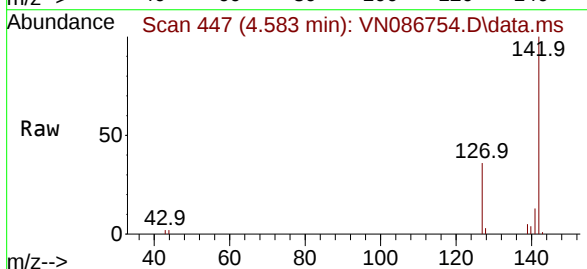
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBS01

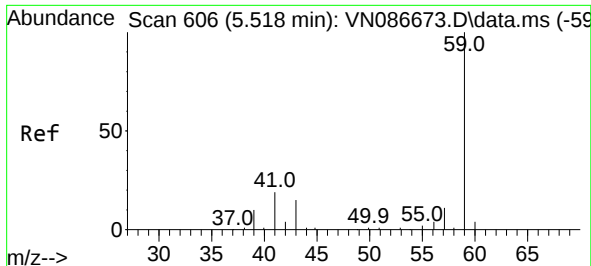
Tgt Ion:101 Resp: 45043
Ion Ratio Lower Upper
101 100
85 43.5 35.0 52.6
151 75.3 58.1 87.1



#10
Methyl Iodide
Concen: 17.552 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

Tgt Ion:142 Resp: 54928
Ion Ratio Lower Upper
142 100
127 36.2 32.4 48.6
141 12.8 11.4 17.2

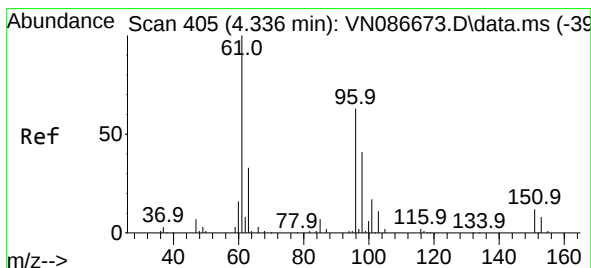
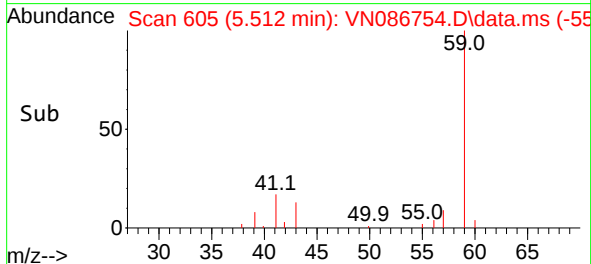
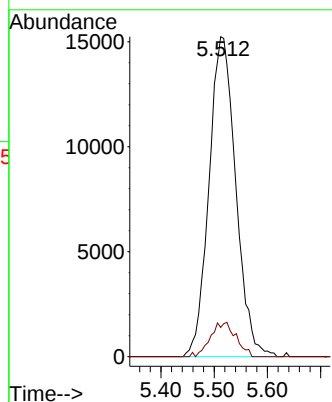
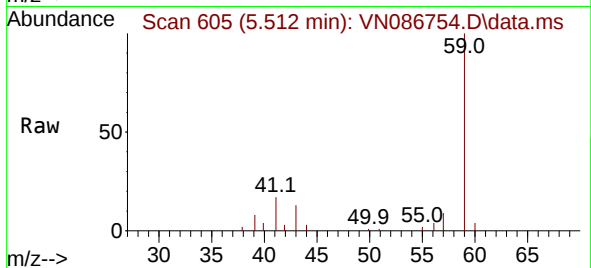




#11
Tert butyl alcohol
Concen: 88.167 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

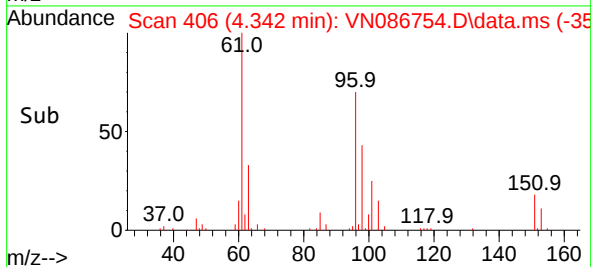
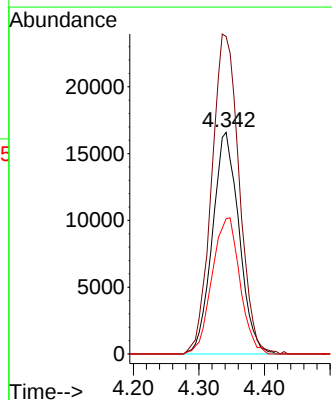
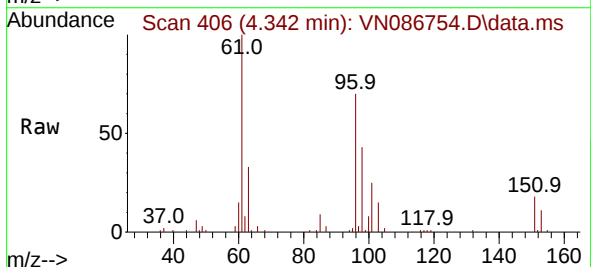
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBS01

Tgt Ion: 59 Resp: 53187
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2



#12
1,1-Dichloroethene
Concen: 17.505 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

Tgt Ion: 96 Resp: 46801
Ion Ratio Lower Upper
96 100
61 143.2 126.2 189.2
98 61.0 51.5 77.3





#13

Acrolein

Concen: 86.849 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN086754.D

Acq: 22 May 2025 10:18

Instrument :

MSVOA_N

ClientSampleId :

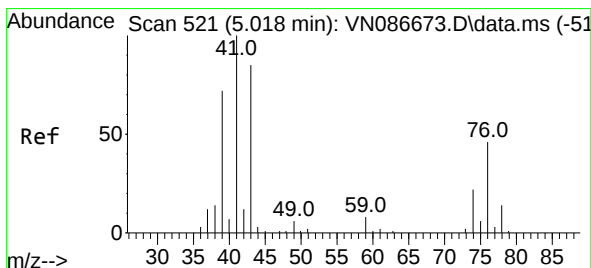
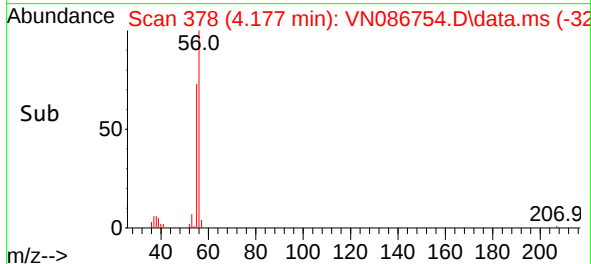
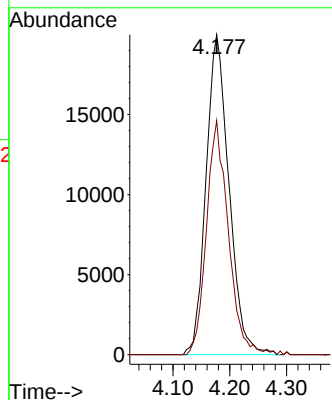
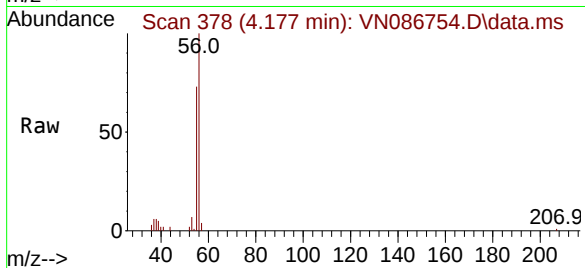
VN0522MBS01

Tgt Ion: 56 Resp: 56008

Ion Ratio Lower Upper

56 100

55 69.3 55.7 83.5



#14

Allyl chloride

Concen: 17.535 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.000 min

Lab File: VN086754.D

Acq: 22 May 2025 10:18

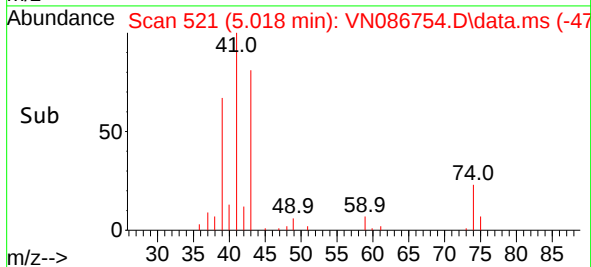
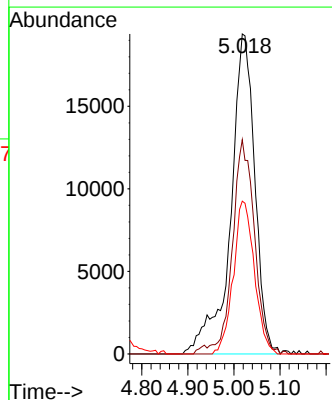
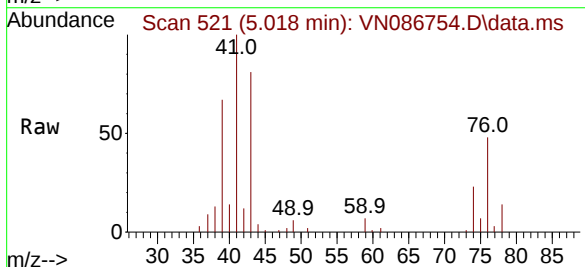
Tgt Ion: 41 Resp: 70959

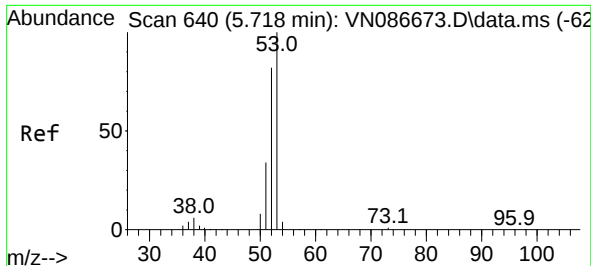
Ion Ratio Lower Upper

41 100

39 60.2 57.4 86.0

76 41.5 33.2 49.8

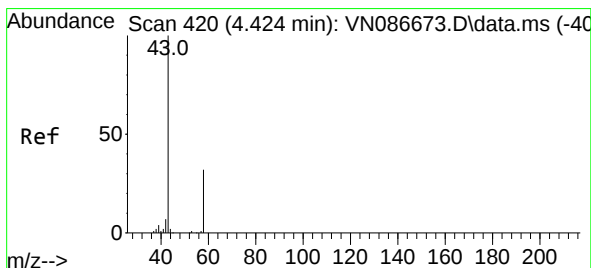
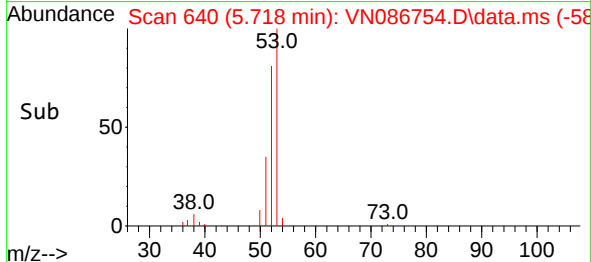
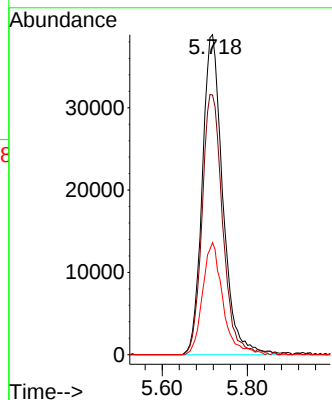
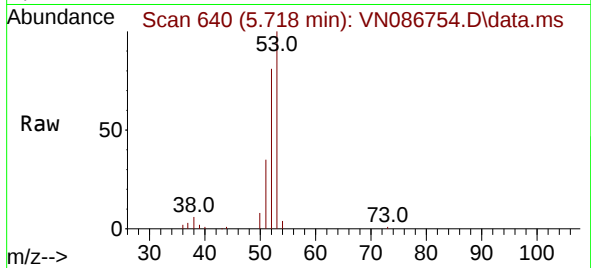




#15
Acrylonitrile
Concen: 87.229 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

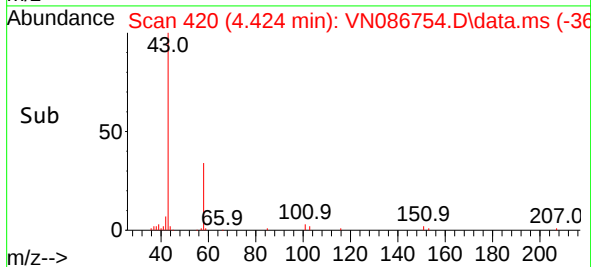
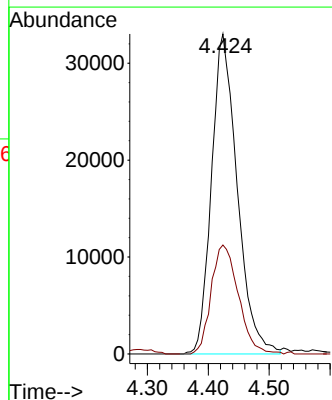
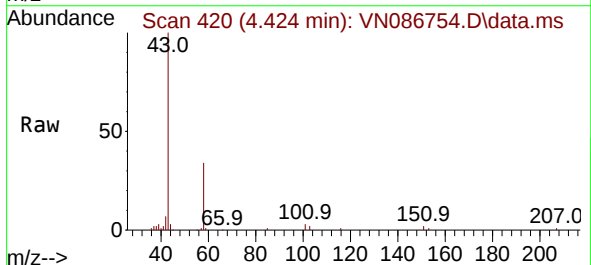
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBS01

Tgt Ion: 53 Resp: 130289
Ion Ratio Lower Upper
53 100
52 81.5 65.4 98.2
51 34.6 27.9 41.9



#16
Acetone
Concen: 78.155 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

Tgt Ion: 43 Resp: 96836
Ion Ratio Lower Upper
43 100
58 34.1 25.8 38.6

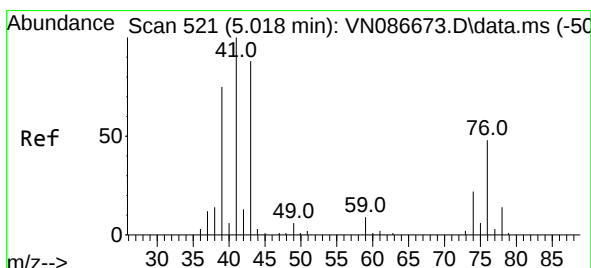
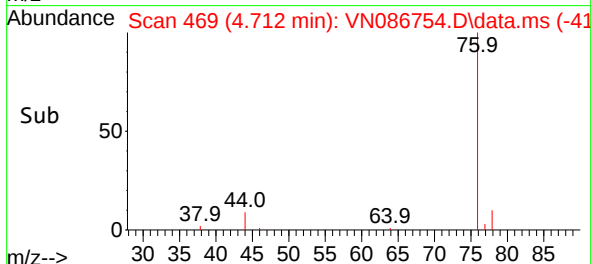
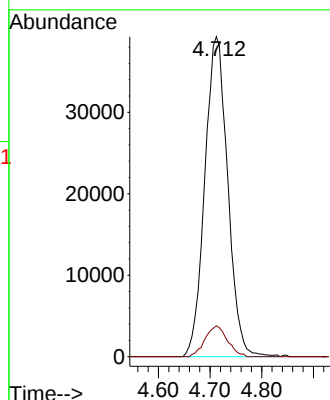
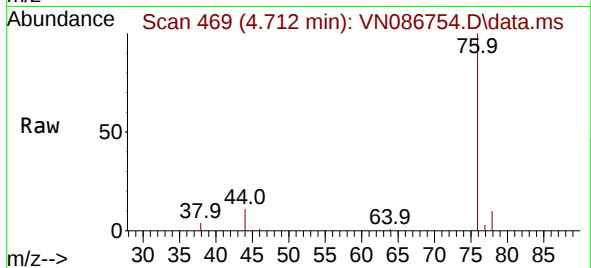




#17
Carbon Disulfide
Concen: 16.361 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

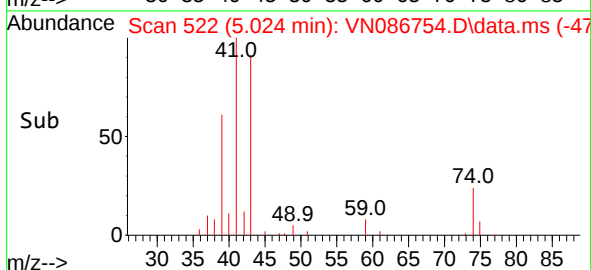
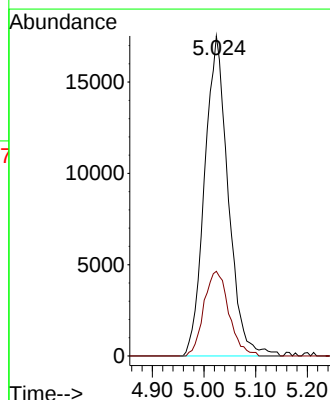
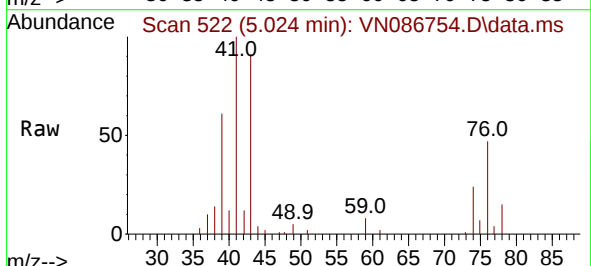
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBS01

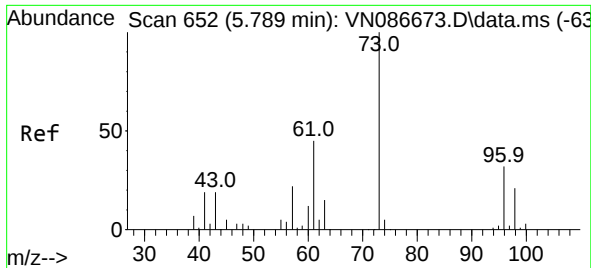
Tgt Ion: 76 Resp: 121108
Ion Ratio Lower Upper
76 100
78 9.7 7.3 10.9



#18
Methyl Acetate
Concen: 16.042 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

Tgt Ion: 43 Resp: 55630
Ion Ratio Lower Upper
43 100
74 28.0 20.5 30.7

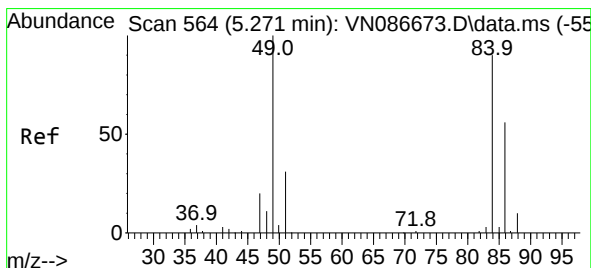
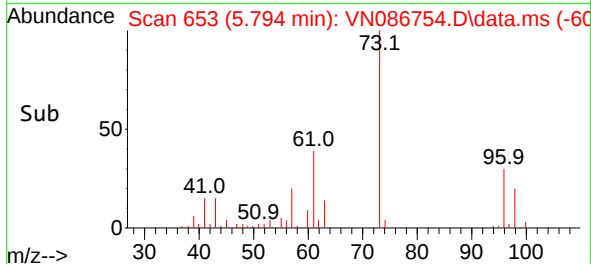
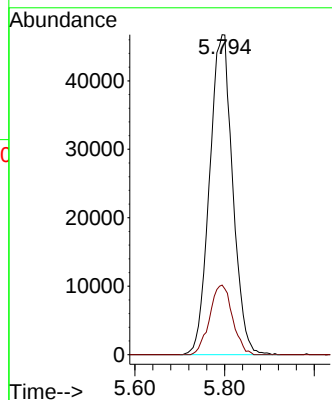
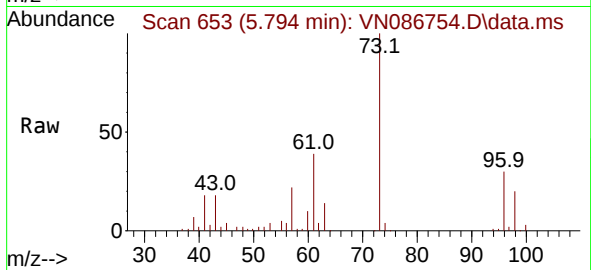




#19
Methyl tert-butyl Ether
Concen: 18.376 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

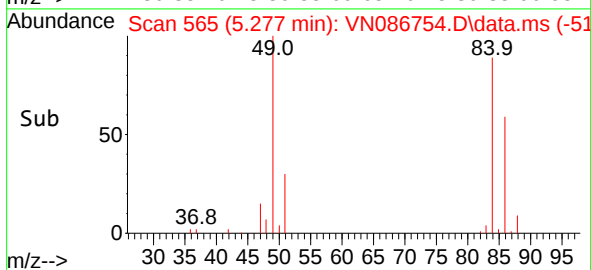
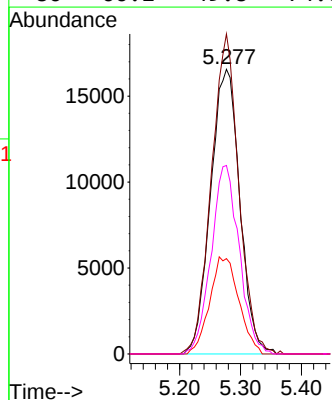
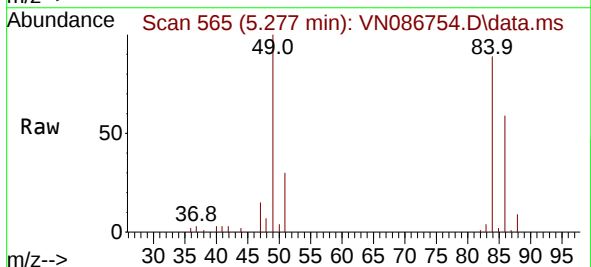
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBS01

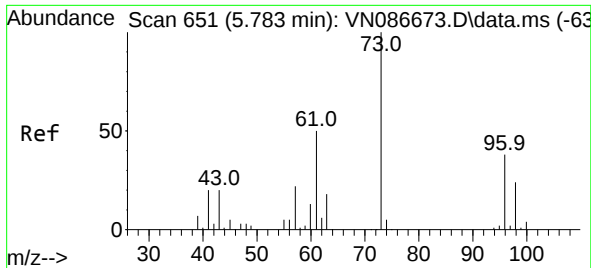
Tgt Ion: 73 Resp: 167293
Ion Ratio Lower Upper
73 100
57 21.7 17.7 26.5



#20
Methylene Chloride
Concen: 16.852 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

Tgt Ion: 84 Resp: 55101
Ion Ratio Lower Upper
84 100
49 112.4 88.8 133.2
51 33.5 27.8 41.6
86 66.2 49.8 74.6

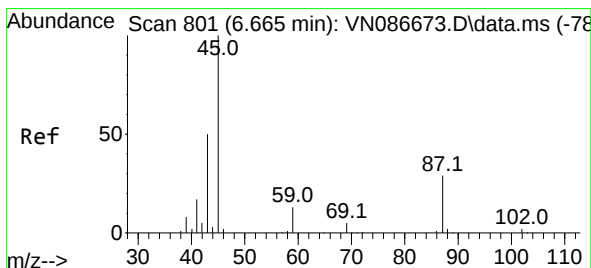
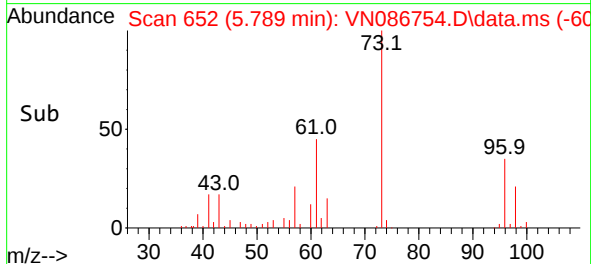
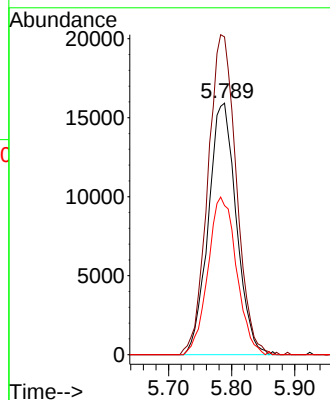
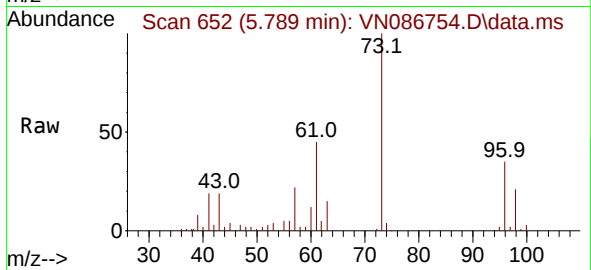




#21
trans-1,2-Dichloroethene
Concen: 17.328 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

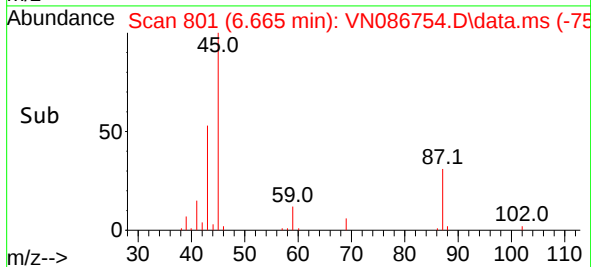
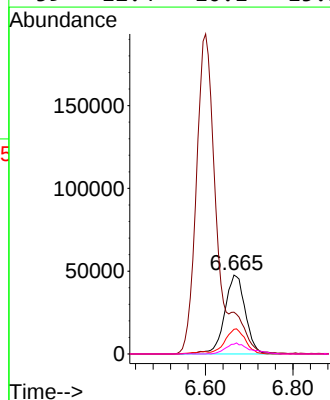
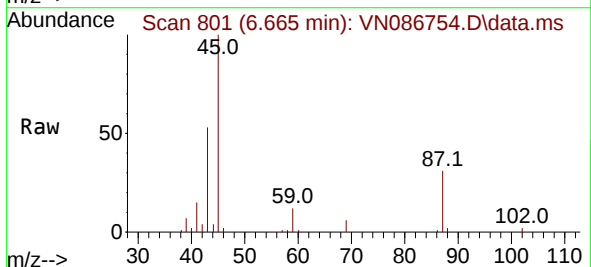
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBS01

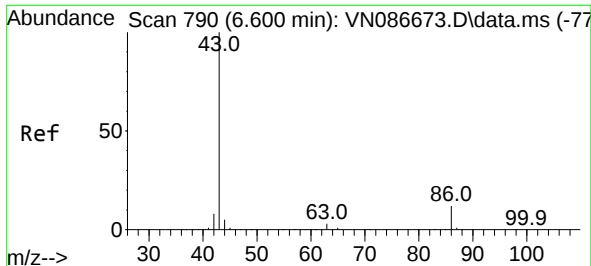
Tgt Ion: 96 Resp: 48981
Ion Ratio Lower Upper
96 100
61 126.3 105.7 158.5
98 59.3 51.0 76.6



#22
Diisopropyl ether
Concen: 17.044 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

Tgt Ion: 45 Resp: 155603
Ion Ratio Lower Upper
45 100
43 51.5 41.4 62.2
87 31.2 22.9 34.3
59 12.4 10.1 15.1

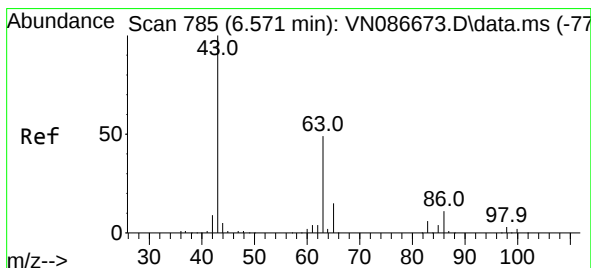
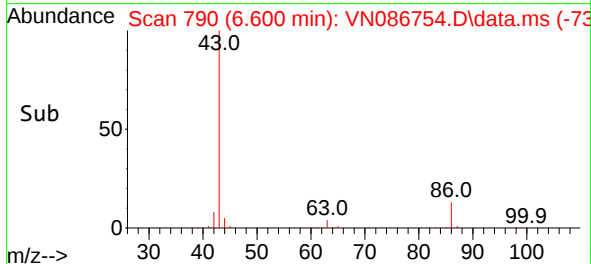
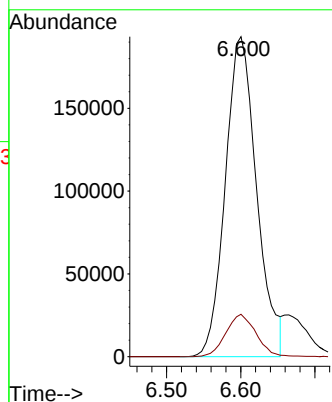
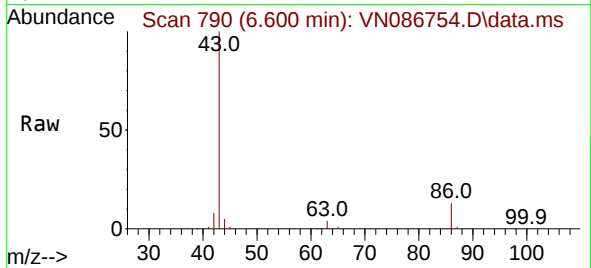




#23
 Vinyl Acetate
 Concen: 82.890 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086754.D
 Acq: 22 May 2025 10:18

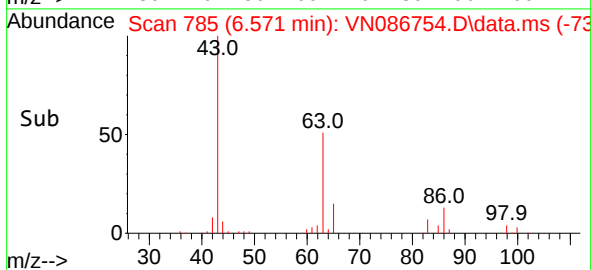
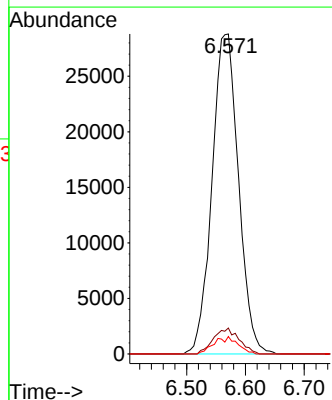
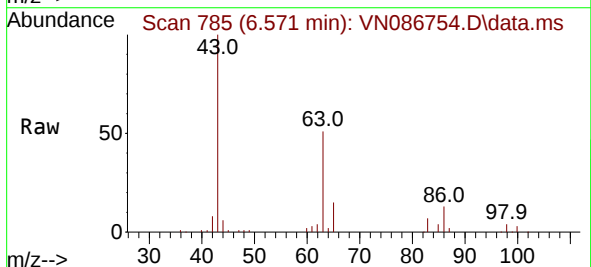
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0522MBS01

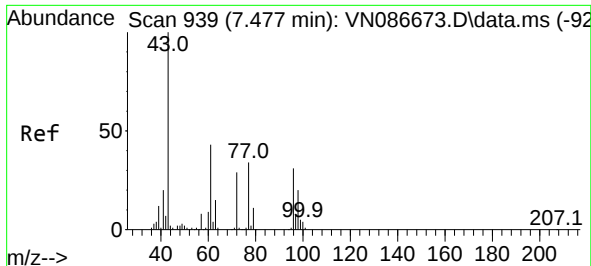
Tgt Ion: 43 Resp: 568753
 Ion Ratio Lower Upper
 43 100
 86 13.3 9.5 14.3



#24
 1,1-Dichloroethane
 Concen: 16.817 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN086754.D
 Acq: 22 May 2025 10:18

Tgt Ion: 63 Resp: 90144
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.4 10.2
 100 5.4 2.4 7.1

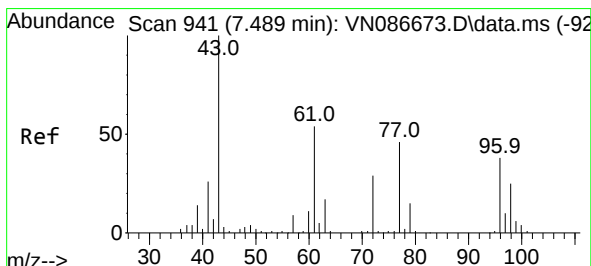
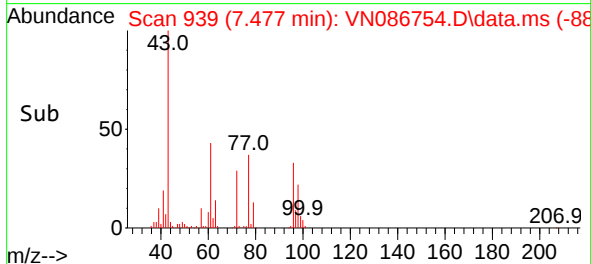
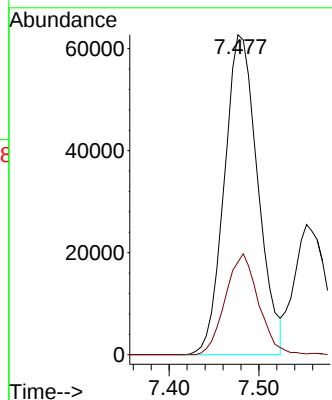
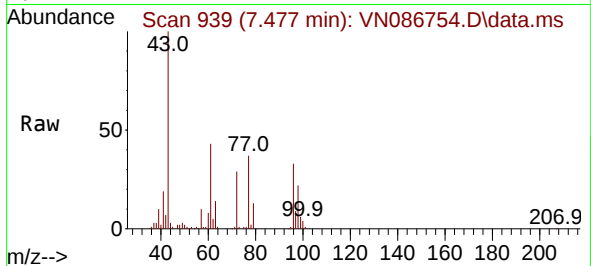




#25
2-Butanone
Concen: 84.863 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

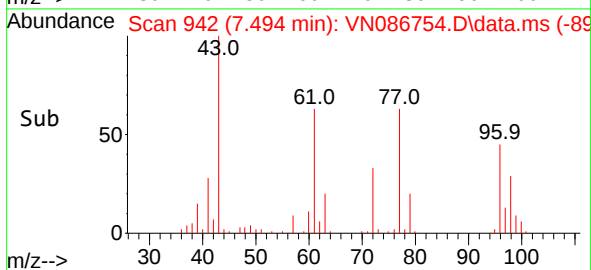
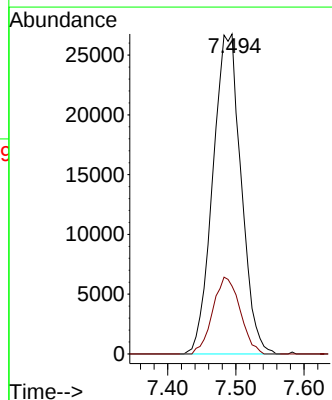
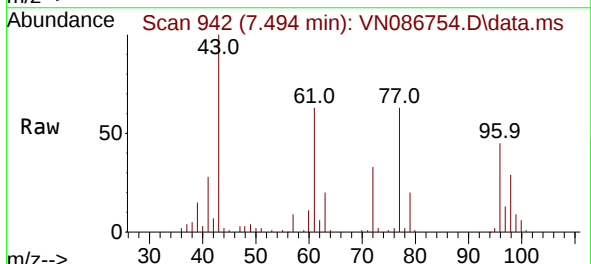
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBS01

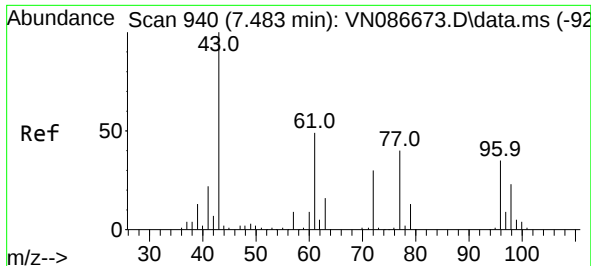
Tgt Ion: 43 Resp: 162482
Ion Ratio Lower Upper
43 100
72 28.9 23.1 34.7



#26
2,2-Dichloropropane
Concen: 17.483 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

Tgt Ion: 77 Resp: 77338
Ion Ratio Lower Upper
77 100
97 23.2 11.6 34.7



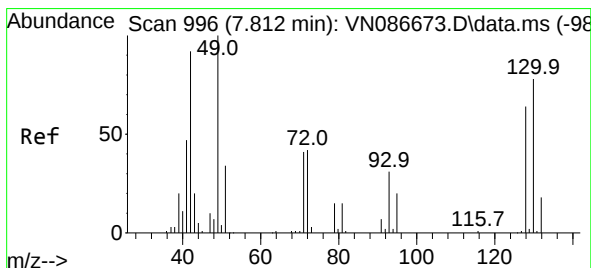
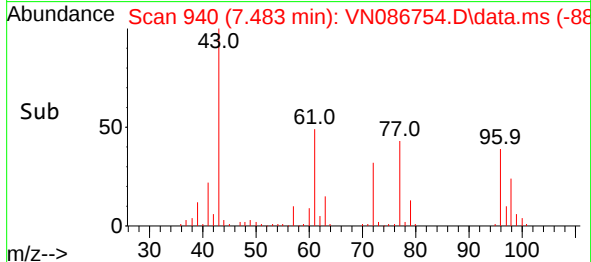
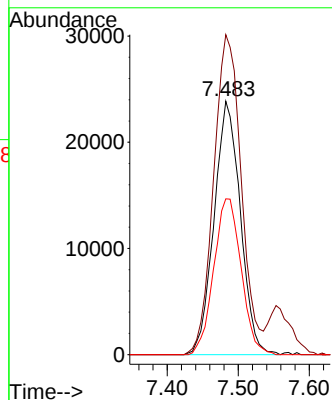
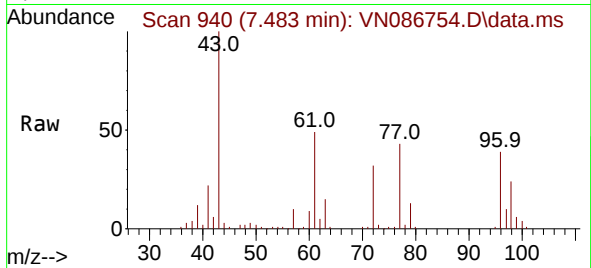


#27
 cis-1,2-Dichloroethene
 Concen: 17.672 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN086754.D
 Acq: 22 May 2025 10:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0522MBS01

Tgt Ion: 96 Resp: 61318

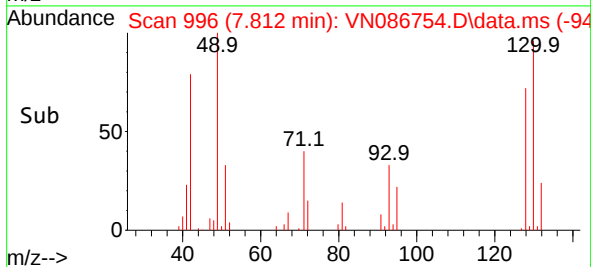
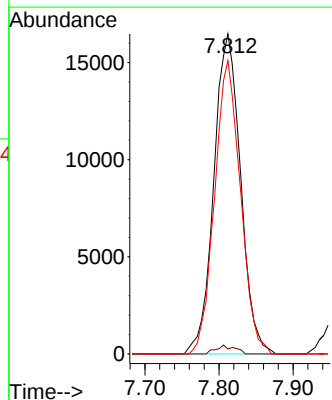
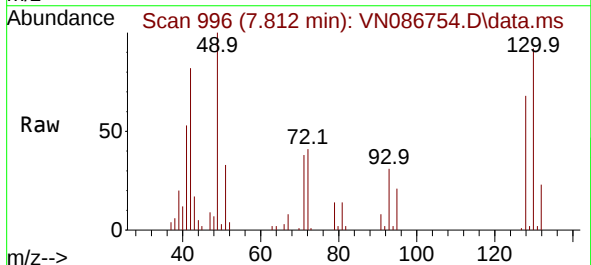
Ion	Ratio	Lower	Upper
96	100		
61	132.7	0.0	277.4
98	64.3	0.0	129.6

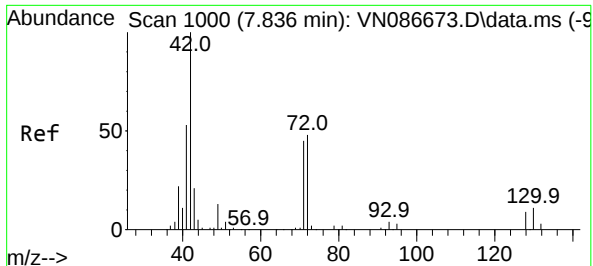


#28
 Bromochloromethane
 Concen: 16.922 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN086754.D
 Acq: 22 May 2025 10:18

Tgt Ion: 49 Resp: 41211

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	88.8	62.2	93.4





#29

Tetrahydrofuran

Concen: 84.212 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086754.D

Acq: 22 May 2025 10:18

Instrument :

MSVOA_N

ClientSampleId :

VN0522MBS01

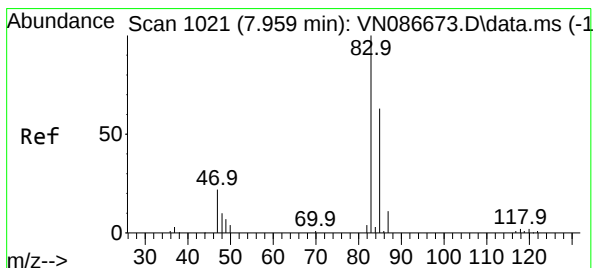
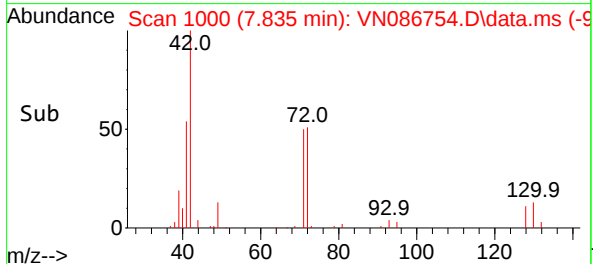
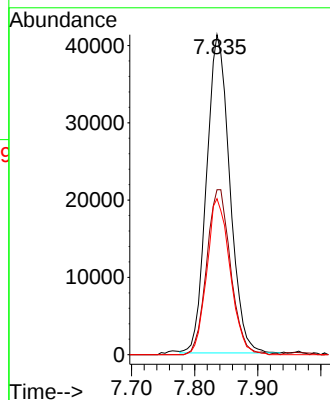
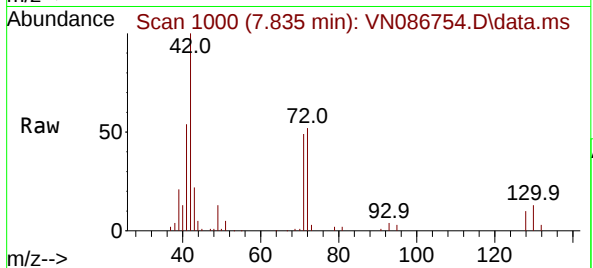
Tgt Ion: 42 Resp: 105240

Ion Ratio Lower Upper

42 100

72 53.5 38.7 58.1

71 49.2 36.2 54.4



#30

Chloroform

Concen: 17.306 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN086754.D

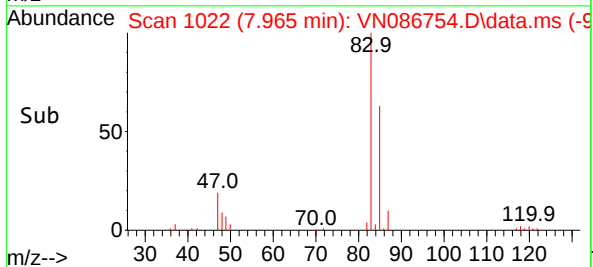
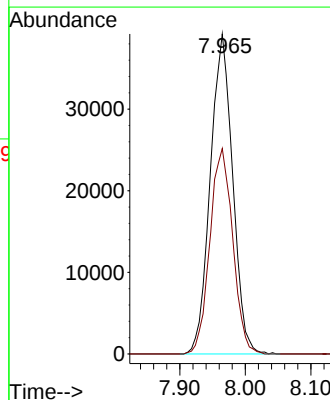
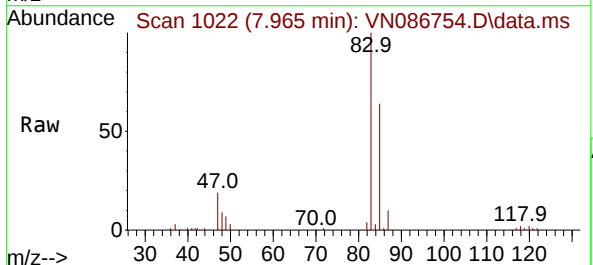
Acq: 22 May 2025 10:18

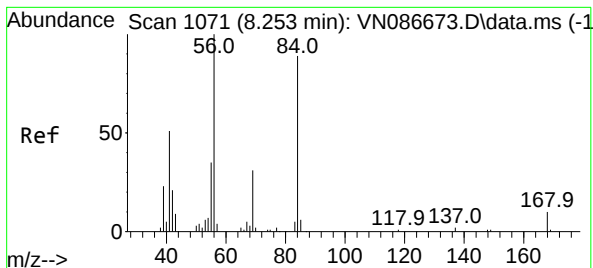
Tgt Ion: 83 Resp: 92847

Ion Ratio Lower Upper

83 100

85 64.2 50.2 75.4





#31

Cyclohexane

Concen: 16.143 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.000 min

Lab File: VN086754.D

Acq: 22 May 2025 10:18

Instrument :

MSVOA_N

ClientSampleId :

VN0522MBS01

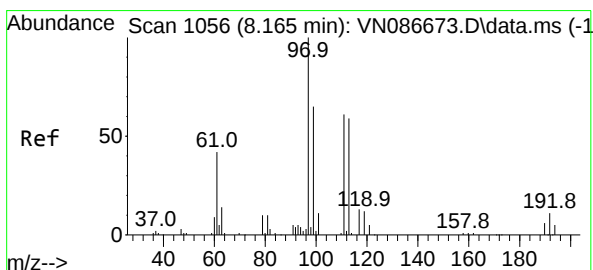
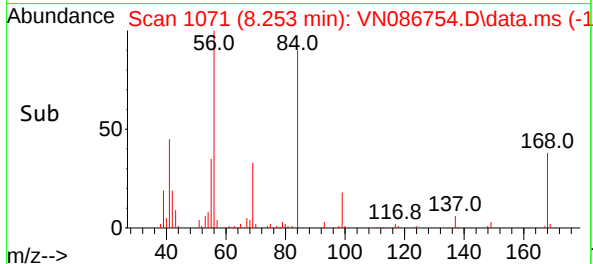
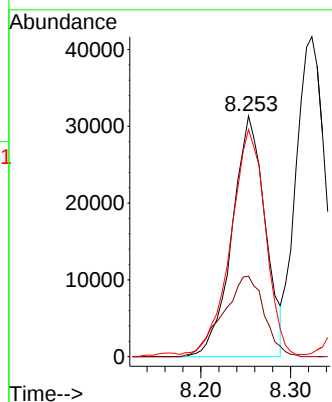
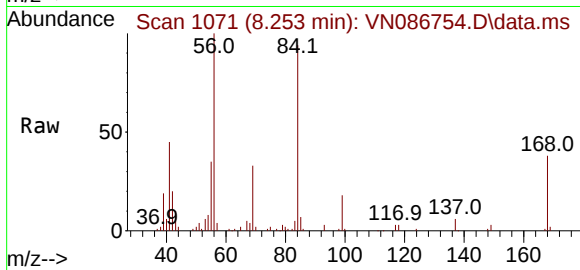
Tgt Ion: 56 Resp: 80251

Ion Ratio Lower Upper

56 100

69 33.4 25.0 37.6

84 93.4 71.0 106.4



#32

1,1,1-Trichloroethane

Concen: 17.600 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086754.D

Acq: 22 May 2025 10:18

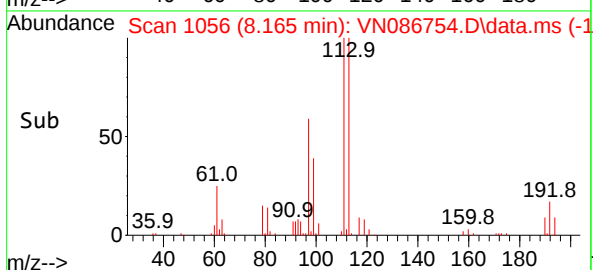
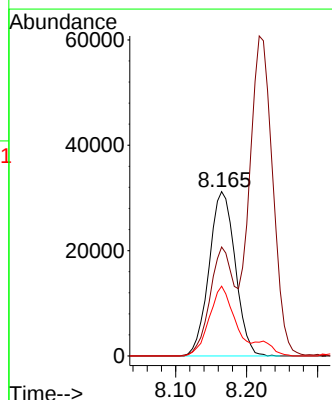
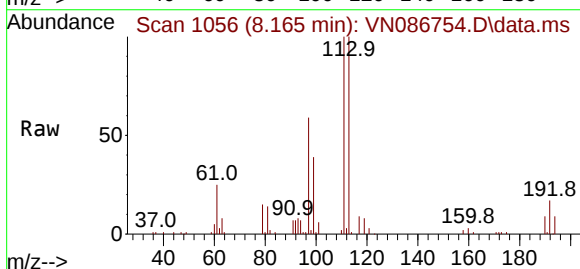
Tgt Ion: 97 Resp: 79612

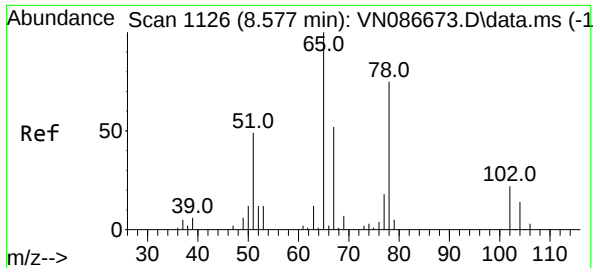
Ion Ratio Lower Upper

97 100

99 61.9 52.6 79.0

61 41.6 37.7 56.5





#33

1,2-Dichloroethane-d4

Concen: 44.752 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086754.D

Acq: 22 May 2025 10:18

Instrument :

MSVOA_N

ClientSampleId :

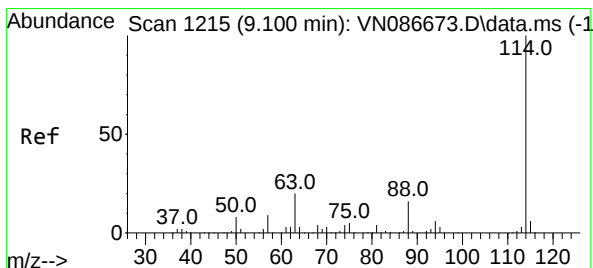
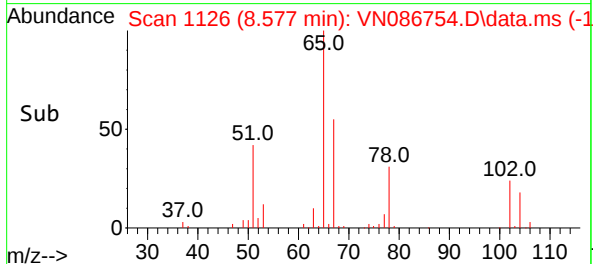
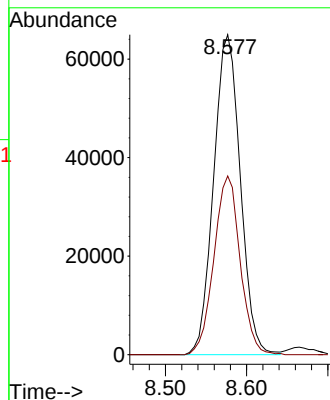
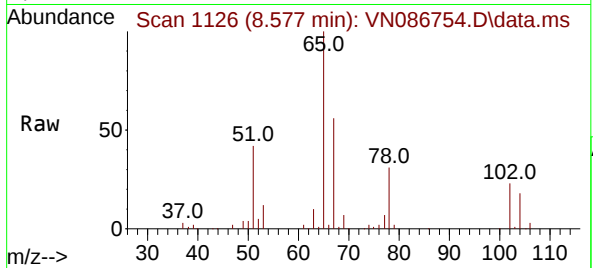
VN0522MBS01

Tgt Ion: 65 Resp: 148232

Ion Ratio Lower Upper

65 100

67 54.9 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: VN086754.D

Acq: 22 May 2025 10:18

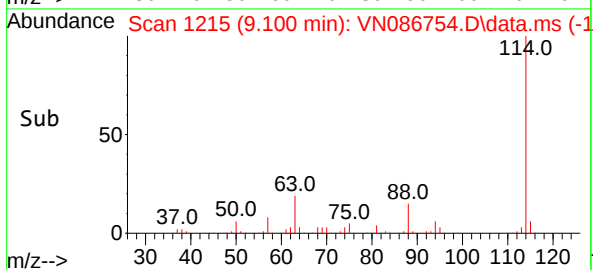
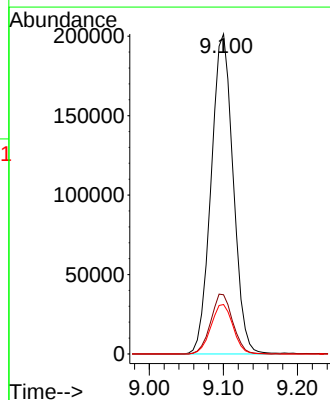
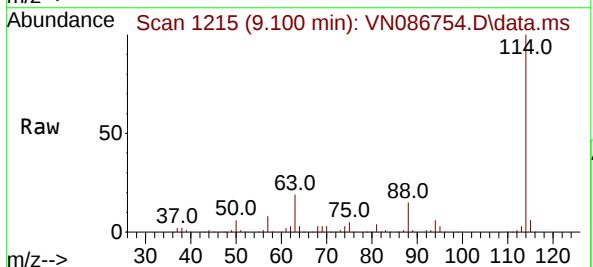
Tgt Ion: 114 Resp: 415639

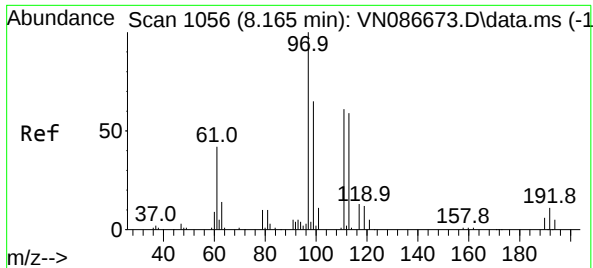
Ion Ratio Lower Upper

114 100

63 18.5 0.0 40.2

88 15.5 0.0 31.2

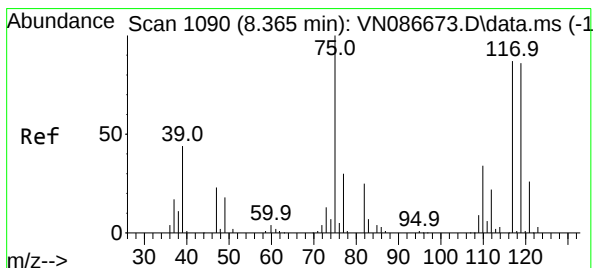
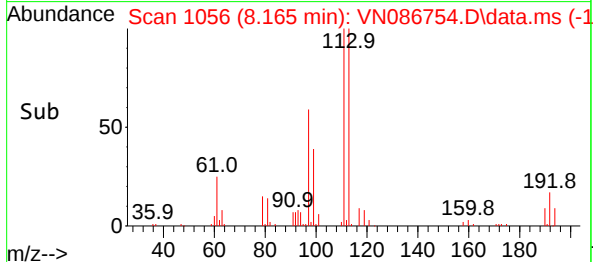
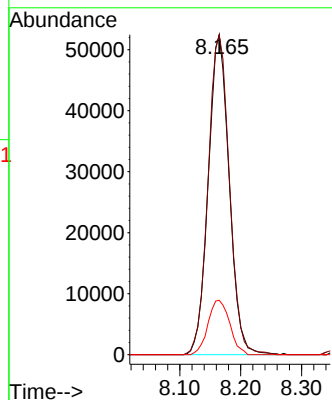
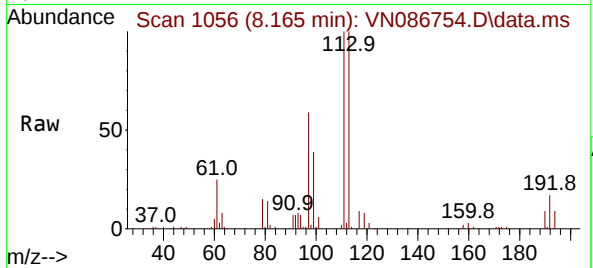




#35
Dibromofluoromethane
Concen: 50.534 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

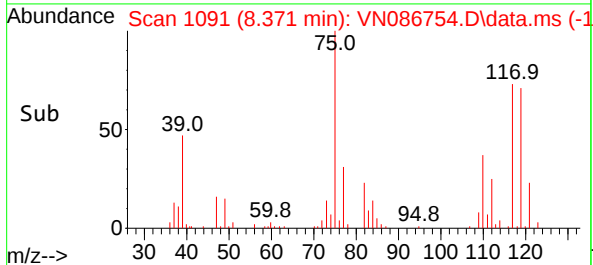
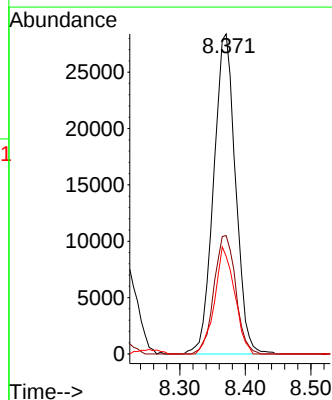
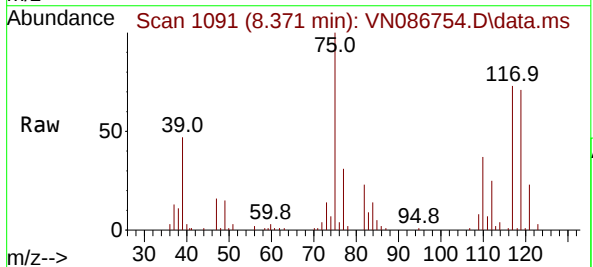
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBS01

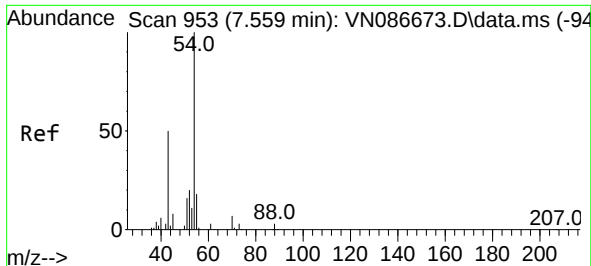
Tgt Ion:113 Resp: 125086
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.2
192 17.6 13.8 20.8



#36
1,1-Dichloropropene
Concen: 17.986 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

Tgt Ion: 75 Resp: 65671
Ion Ratio Lower Upper
75 100
110 36.8 17.5 52.5
77 30.6 25.1 37.7

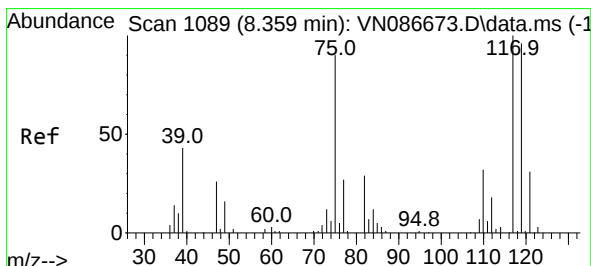
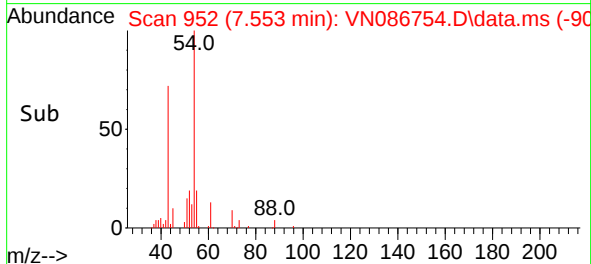
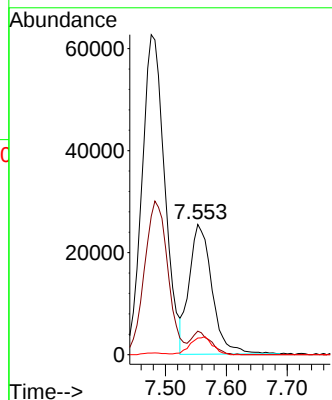
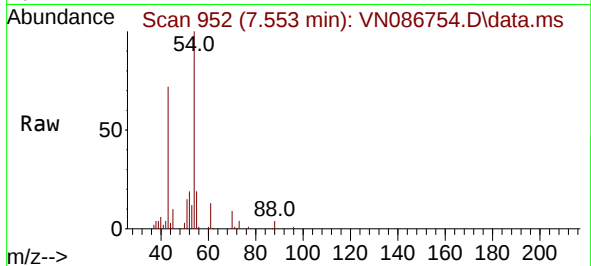




#37
Ethyl Acetate
Concen: 17.926 ug/l
RT: 7.553 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

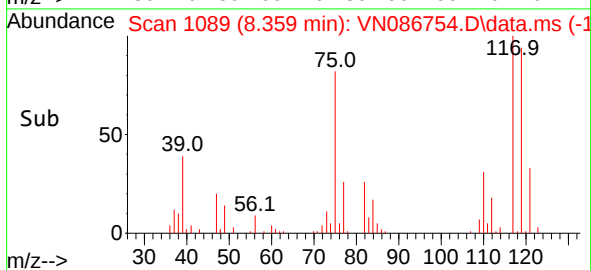
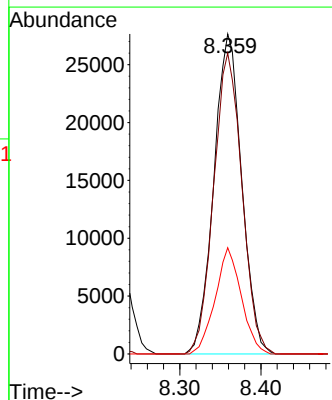
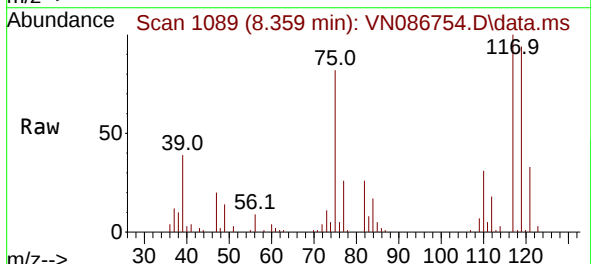
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBS01

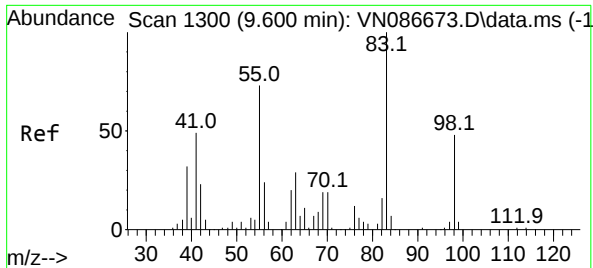
Tgt Ion: 43 Resp: 66114
Ion Ratio Lower Upper
43 100
61 15.1 11.6 17.4
70 13.5 9.4 14.0



#38
Carbon Tetrachloride
Concen: 18.323 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

Tgt Ion: 117 Resp: 65916
Ion Ratio Lower Upper
117 100
119 94.0 77.0 115.6
121 33.2 25.0 37.6





#39

Methylcyclohexane

Concen: 18.895 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN086754.D

Acq: 22 May 2025 10:18

Instrument :

MSVOA_N

ClientSampleId :

VN0522MBS01

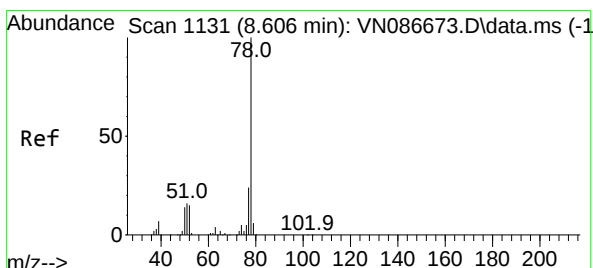
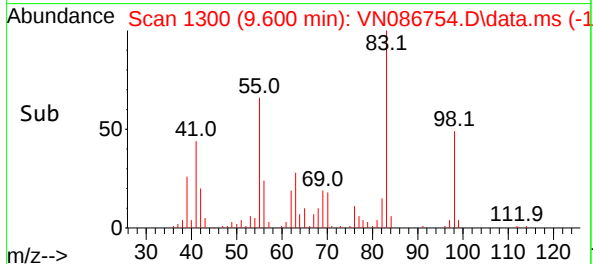
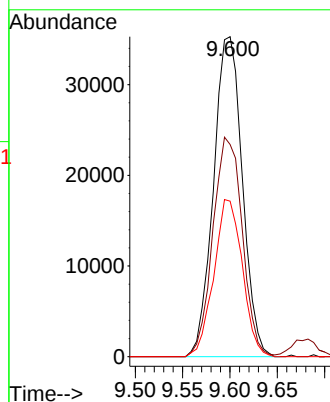
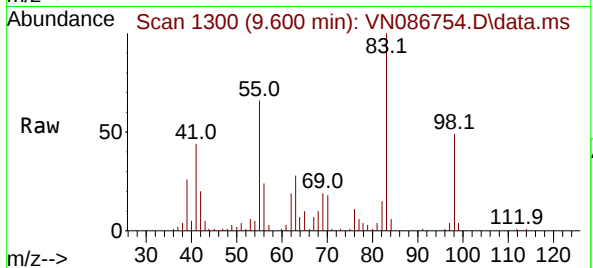
Tgt Ion: 83 Resp: 74667

Ion Ratio Lower Upper

83 100

55 66.3 58.2 87.4

98 48.6 38.4 57.6



#40

Benzene

Concen: 18.378 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN086754.D

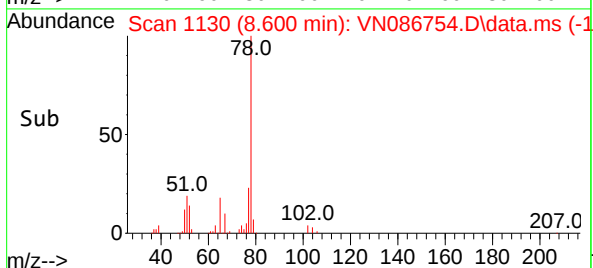
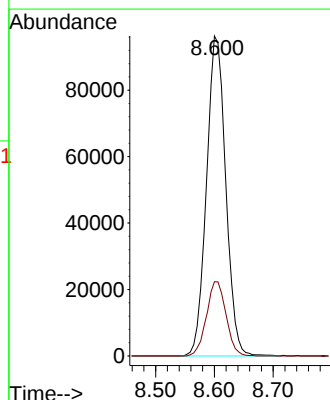
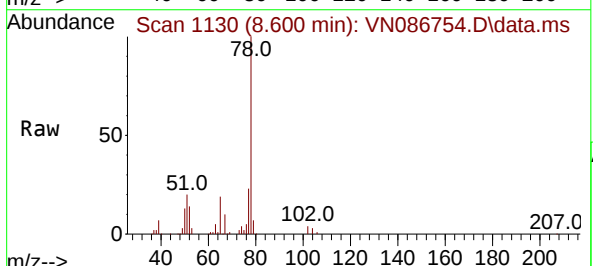
Acq: 22 May 2025 10:18

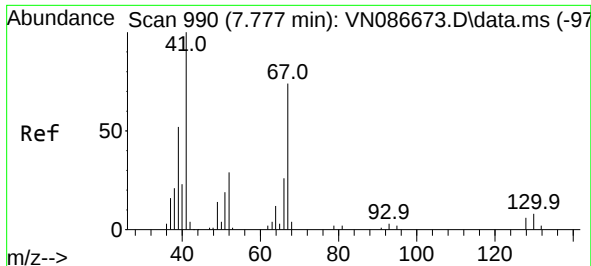
Tgt Ion: 78 Resp: 218897

Ion Ratio Lower Upper

78 100

77 23.2 19.1 28.7

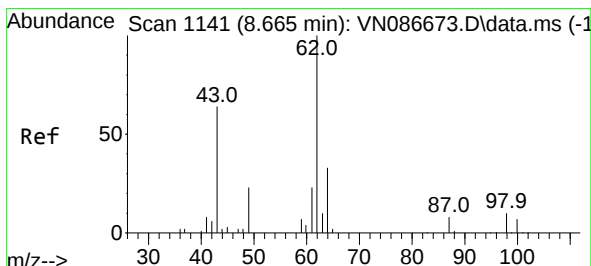
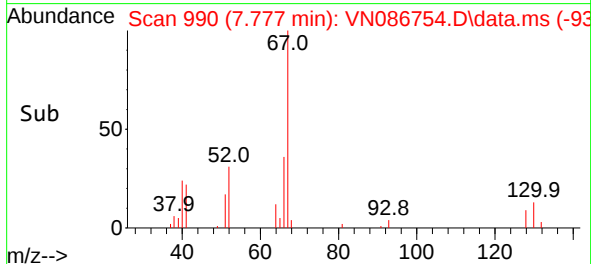
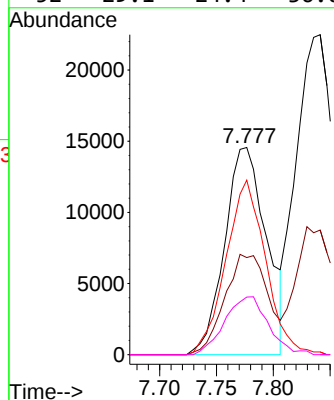
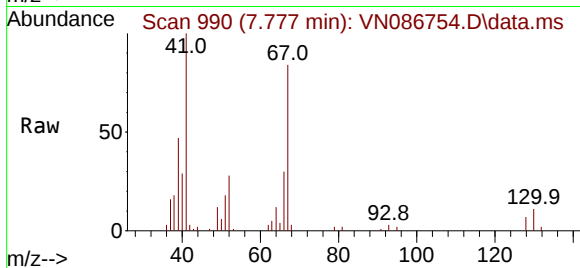




#41
Methacrylonitrile
Concen: 18.685 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

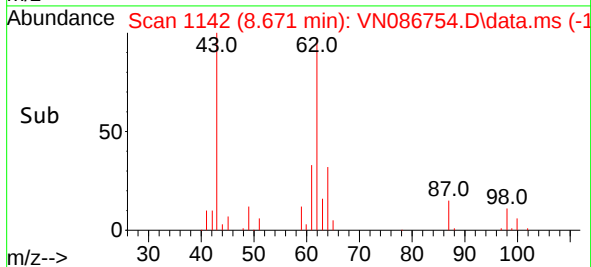
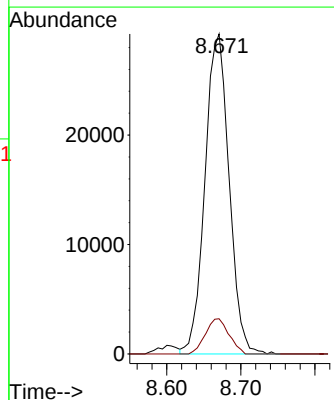
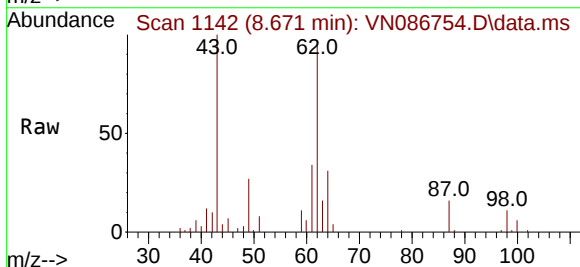
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBS01

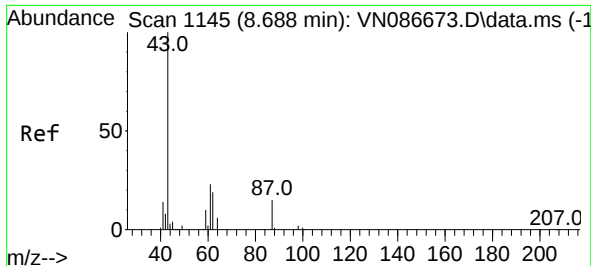
Tgt Ion:	41	Resp:	37210
Ion	Ratio	Lower	Upper
41	100		
39	50.2	44.9	67.3
67	80.2	63.4	95.0
52	29.1	24.4	36.6



#42
1,2-Dichloroethane
Concen: 17.830 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

Tgt Ion:	62	Resp:	66164
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	19.2

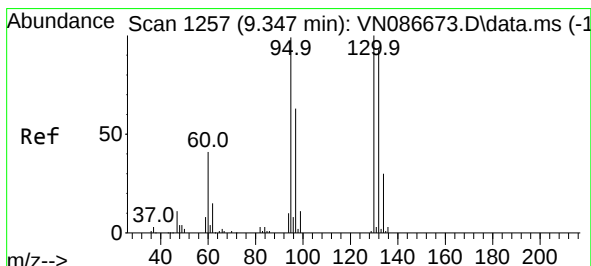
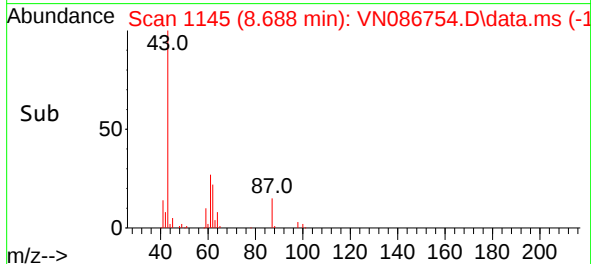
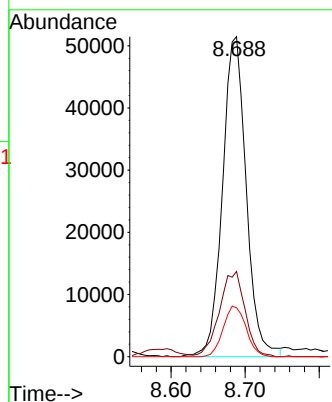
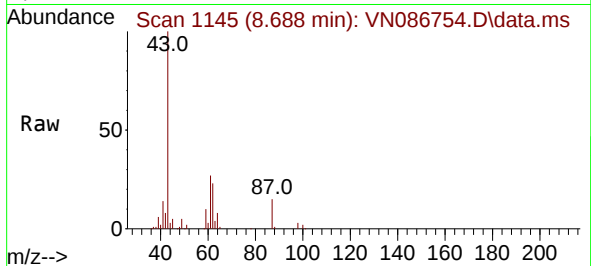




#43
Isopropyl Acetate
Concen: 15.496 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

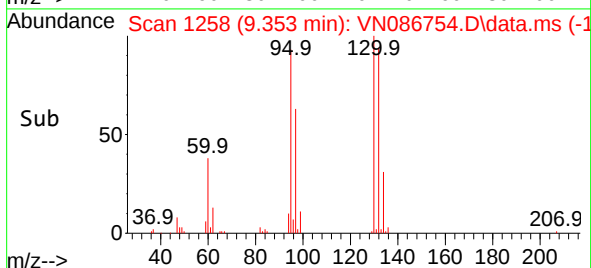
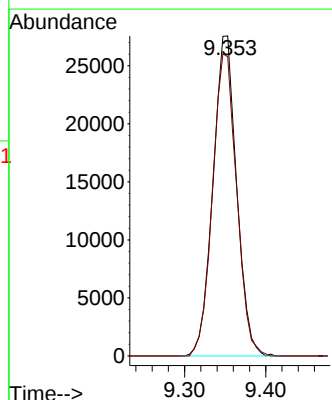
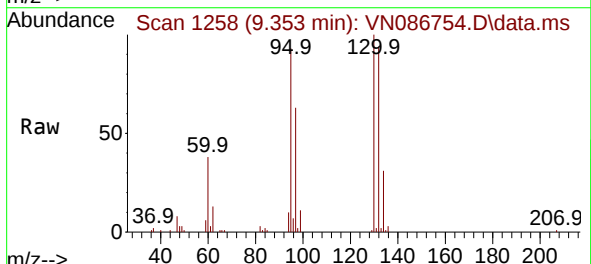
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBS01

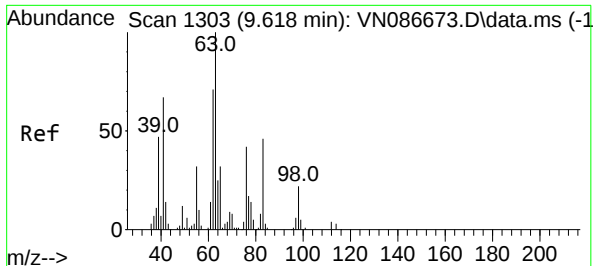
Tgt Ion: 43 Resp: 114573
Ion Ratio Lower Upper
43 100
61 28.7 21.4 32.2
87 15.2 11.1 16.7



#44
Trichloroethene
Concen: 19.390 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

Tgt Ion:130 Resp: 55704
Ion Ratio Lower Upper
130 100
95 93.5 0.0 197.0





#45

1,2-Dichloropropane

Concen: 18.363 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086754.D

Acq: 22 May 2025 10:18

Instrument :

MSVOA_N

ClientSampleId :

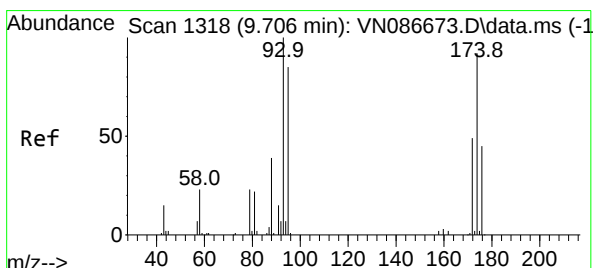
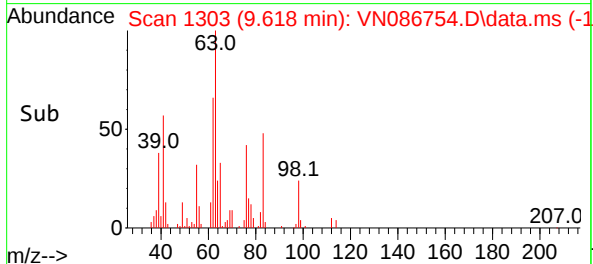
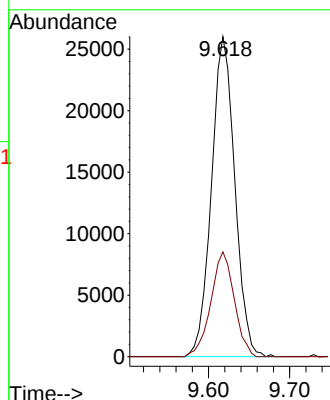
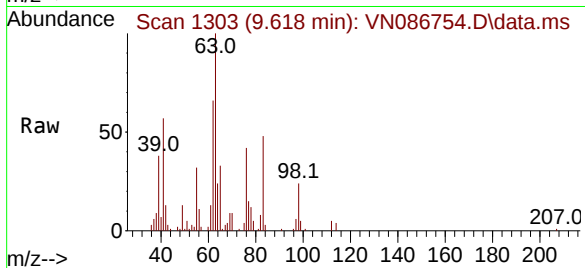
VN0522MBS01

Tgt Ion: 63 Resp: 51959

Ion Ratio Lower Upper

63 100

65 32.7 25.8 38.6



#46

Dibromomethane

Concen: 18.941 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086754.D

Acq: 22 May 2025 10:18

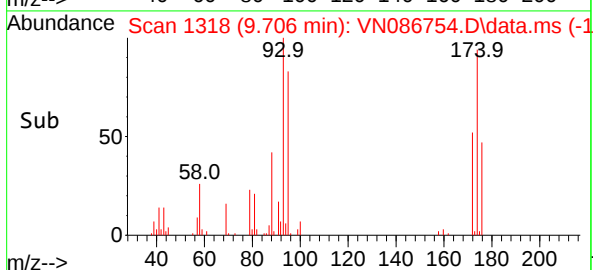
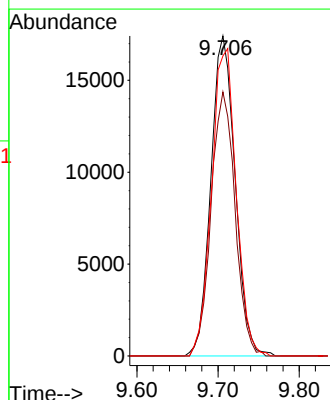
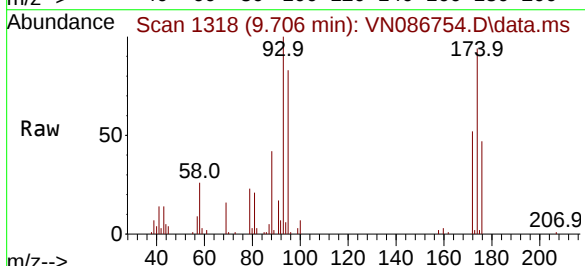
Tgt Ion: 93 Resp: 36163

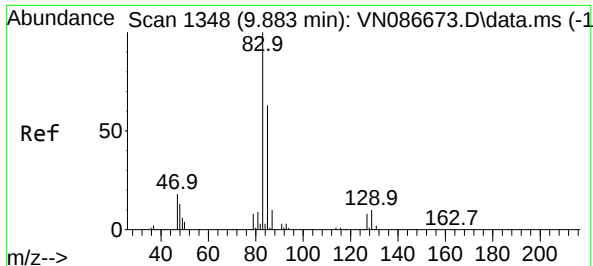
Ion Ratio Lower Upper

93 100

95 81.8 67.1 100.7

174 97.7 73.8 110.6

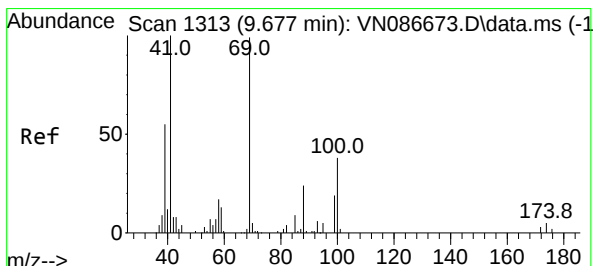
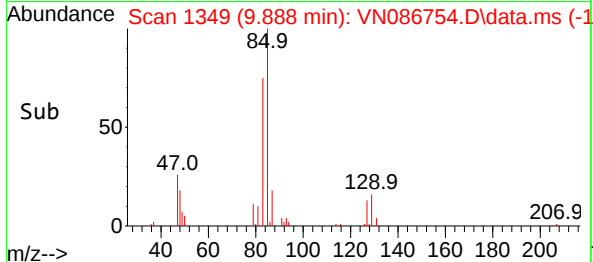
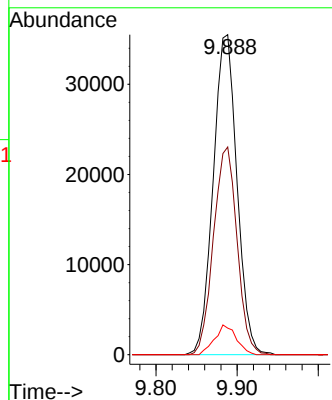
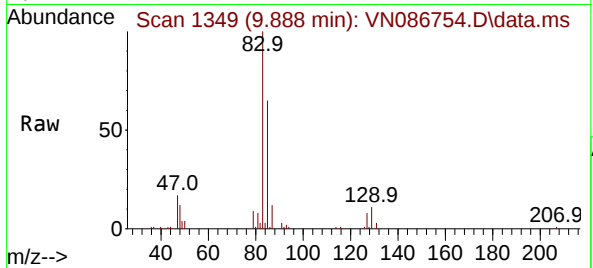




#47
Bromodichloromethane
Concen: 18.397 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

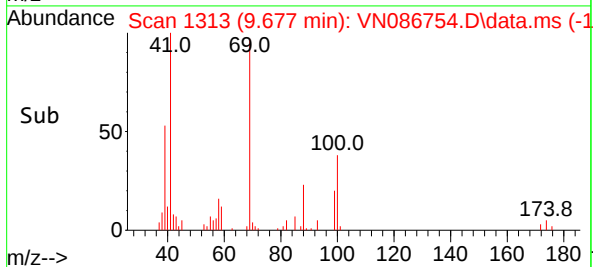
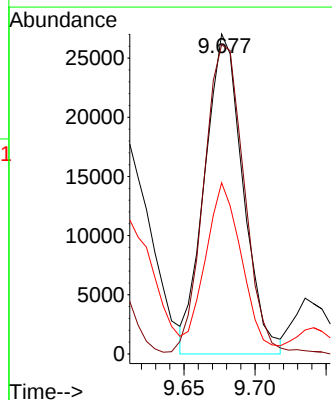
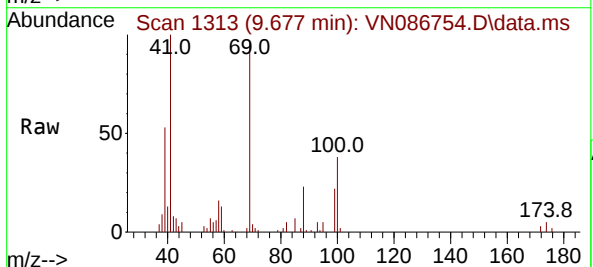
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBS01

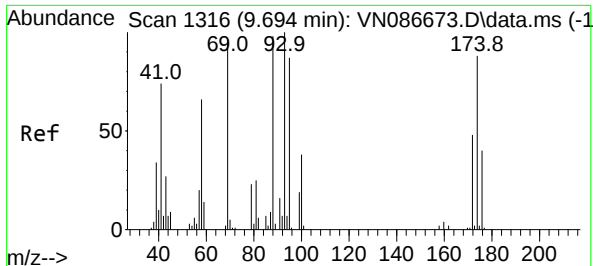
Tgt Ion: 83 Resp: 72372
Ion Ratio Lower Upper
83 100
85 64.9 50.1 75.1
127 8.3 6.2 9.4



#48
Methyl methacrylate
Concen: 17.678 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

Tgt Ion: 41 Resp: 50648
Ion Ratio Lower Upper
41 100
69 101.6 74.1 111.1
39 51.6 44.1 66.1





#49

1,4-Dioxane

Concen: 412.296 ug/l

RT: 9.688 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN086754.D

Acq: 22 May 2025 10:18

Instrument :

MSVOA_N

ClientSampleId :

VN0522MBS01

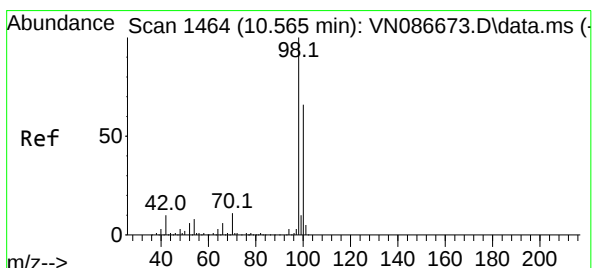
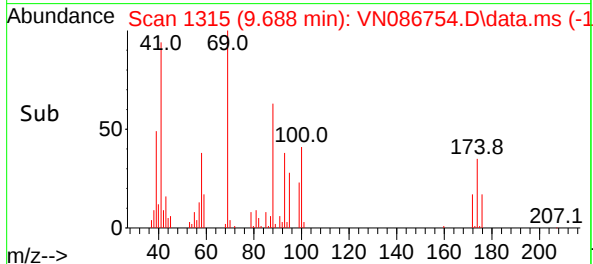
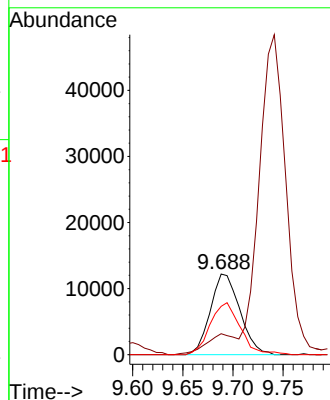
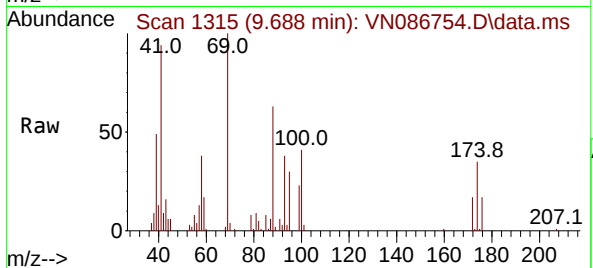
Tgt Ion: 88 Resp: 25013

Ion Ratio Lower Upper

88 100

43 26.7 23.6 35.4

58 65.7 55.3 82.9



#50

Toluene-d8

Concen: 49.475 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086754.D

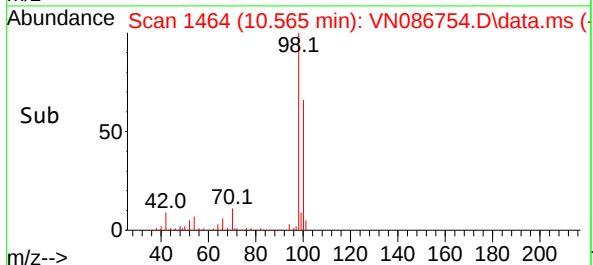
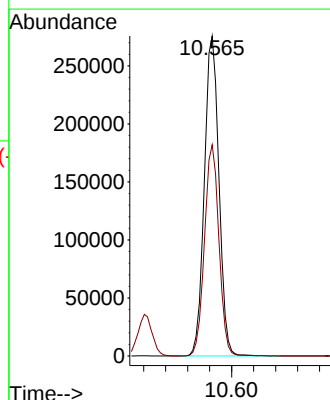
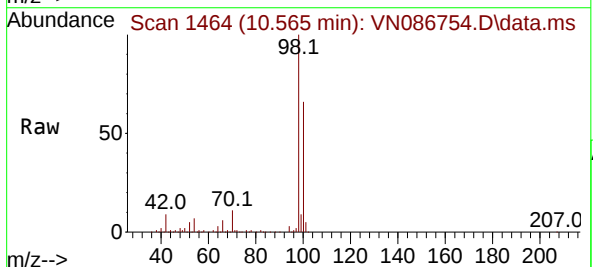
Acq: 22 May 2025 10:18

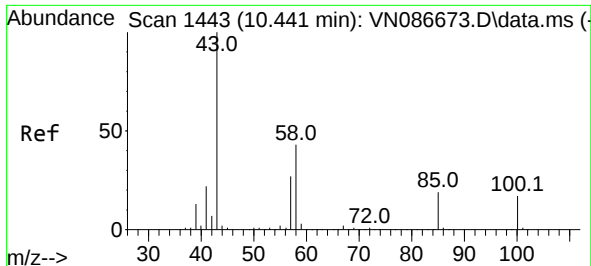
Tgt Ion: 98 Resp: 507506

Ion Ratio Lower Upper

98 100

100 65.6 52.9 79.3

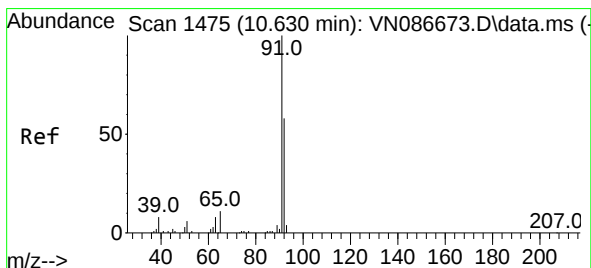
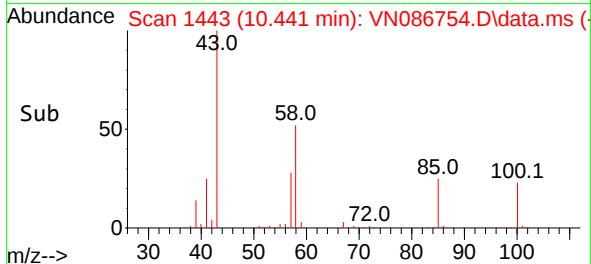
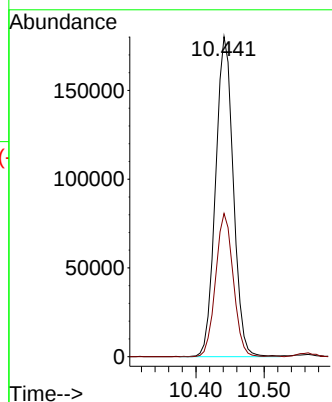
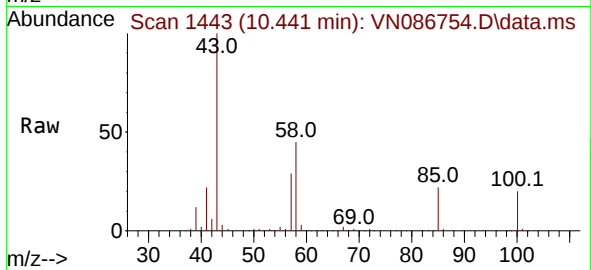




#51
4-Methyl-2-Pentanone
Concen: 87.684 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

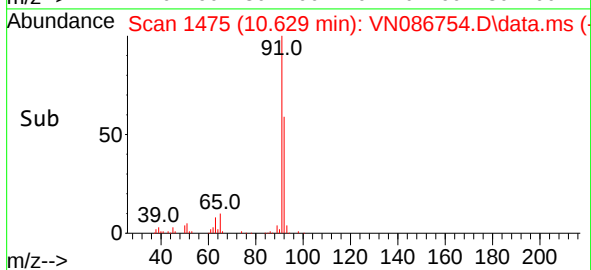
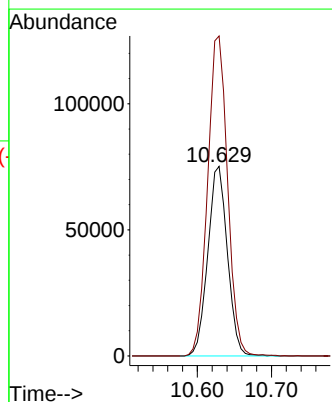
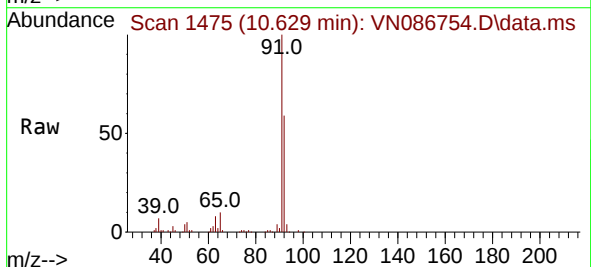
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBS01

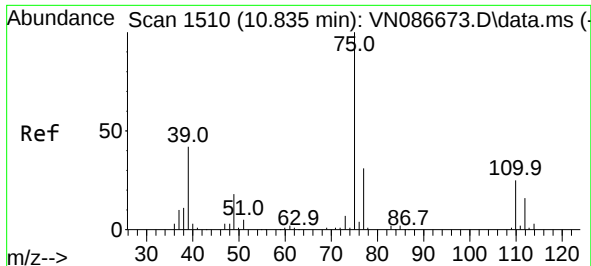
Tgt Ion: 43 Resp: 326938
Ion Ratio Lower Upper
43 100
58 44.5 33.9 50.9



#52
Toluene
Concen: 18.654 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

Tgt Ion: 92 Resp: 138095
Ion Ratio Lower Upper
92 100
91 171.7 137.8 206.8

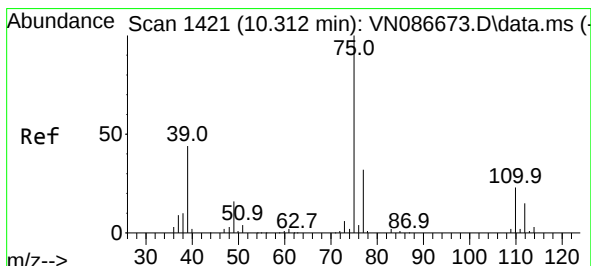
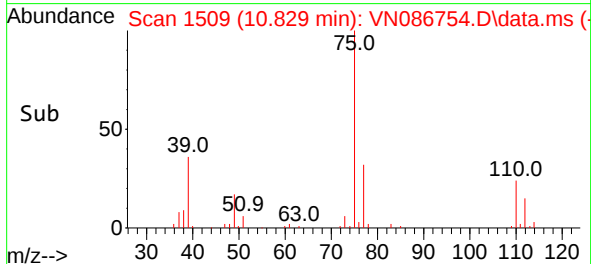
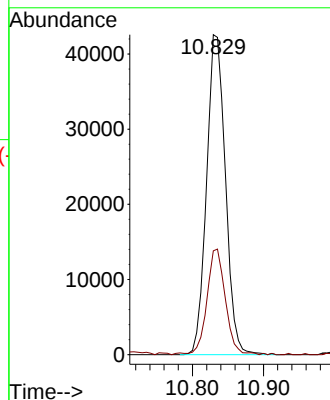
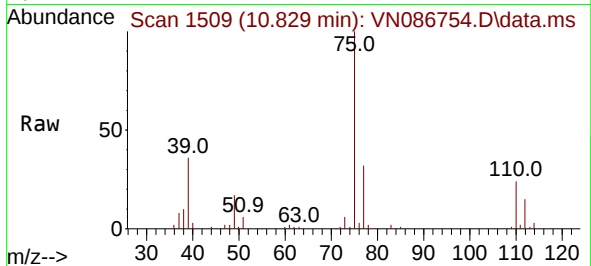




#53
 t-1,3-Dichloropropene
 Concen: 18.878 ug/l
 RT: 10.829 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VN086754.D
 Acq: 22 May 2025 10:18

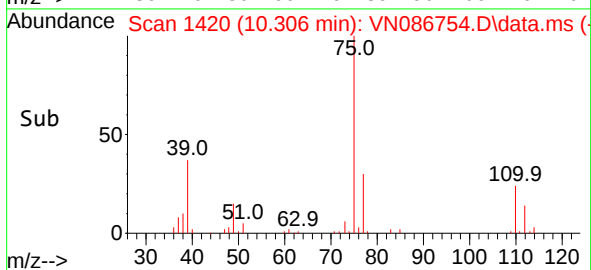
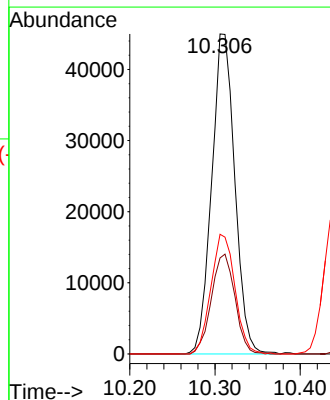
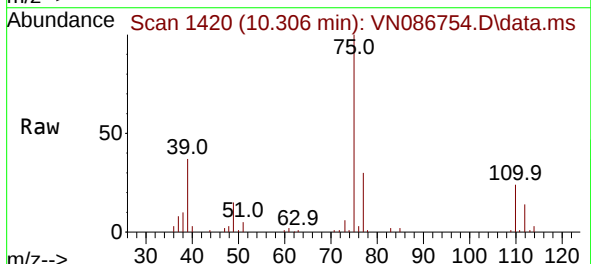
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0522MBS01

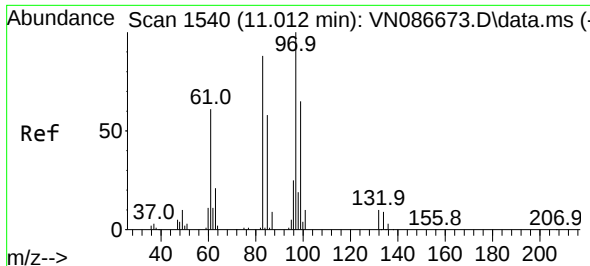
Tgt Ion: 75 Resp: 78628
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 18.659 ug/l
 RT: 10.306 min Scan# 1420
 Delta R.T. -0.006 min
 Lab File: VN086754.D
 Acq: 22 May 2025 10:18

Tgt Ion: 75 Resp: 84834
 Ion Ratio Lower Upper
 75 100
 77 30.0 25.3 37.9
 39 37.4 35.2 52.8

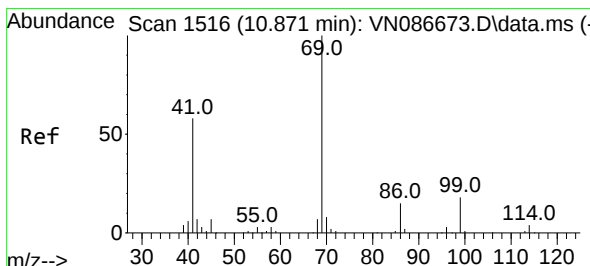
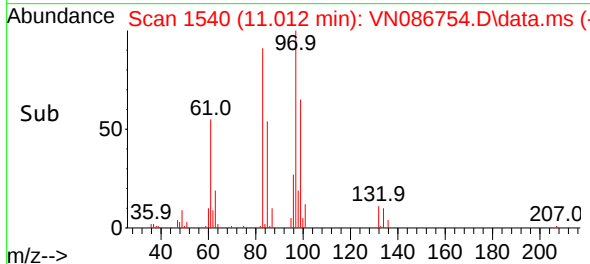
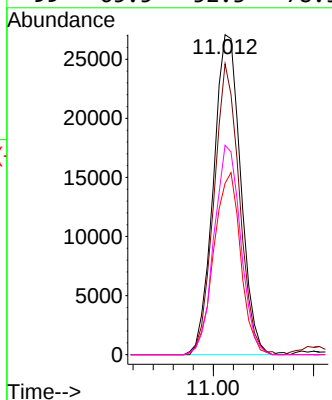
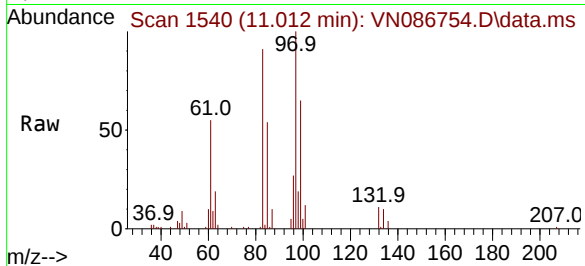




#55
1,1,2-Trichloroethane
Concen: 18.499 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

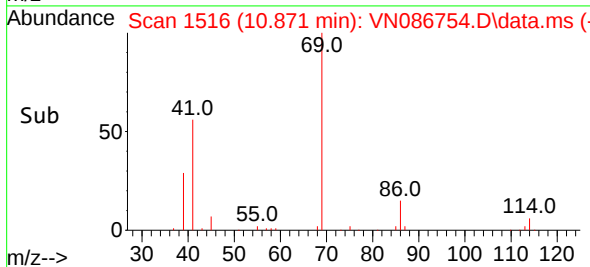
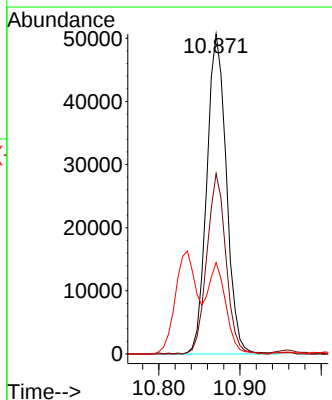
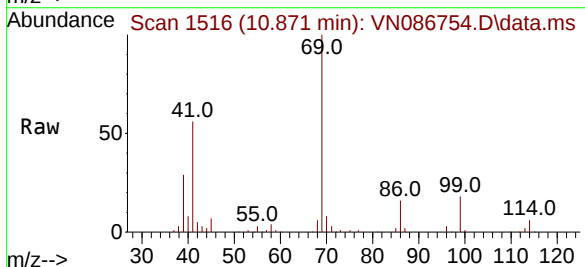
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBS01

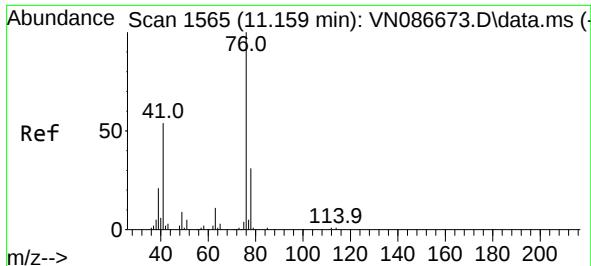
Tgt Ion:	97	Resp:	51084
Ion	Ratio	Lower	Upper
97	100		
83	90.9	70.4	105.6
85	53.6	46.1	69.1
99	65.5	52.3	78.5



#56
Ethyl methacrylate
Concen: 19.113 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

Tgt Ion:	69	Resp:	84742
Ion	Ratio	Lower	Upper
69	100		
41	55.0	47.4	71.0
39	26.4	24.0	36.0





#57

1,3-Dichloropropane

Concen: 18.658 ug/l

RT: 11.159 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086754.D

Acq: 22 May 2025 10:18

Instrument :

MSVOA_N

ClientSampleId :

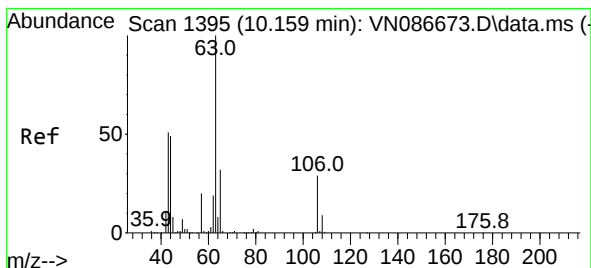
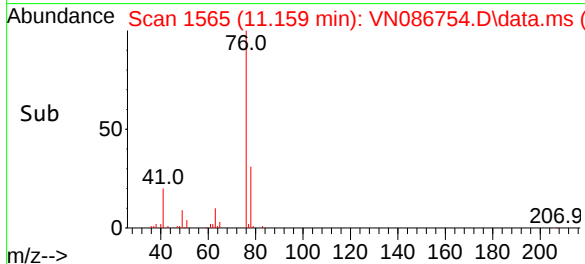
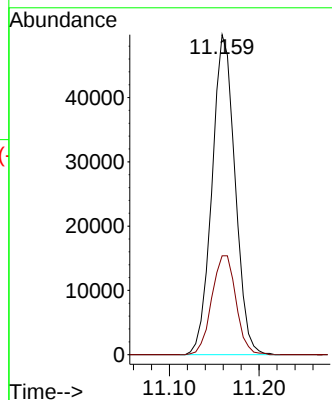
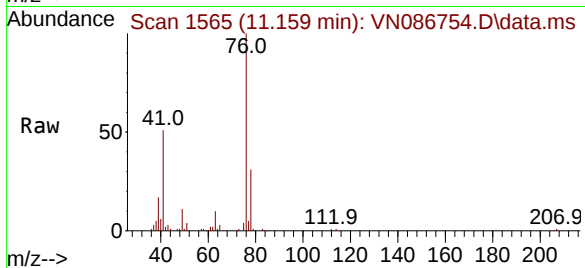
VN0522MBS01

Tgt Ion: 76 Resp: 88764

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 98.653 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN086754.D

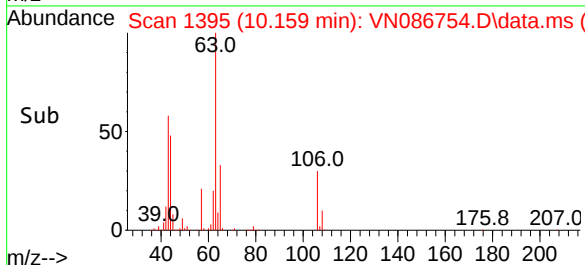
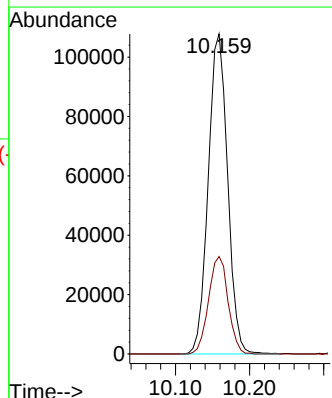
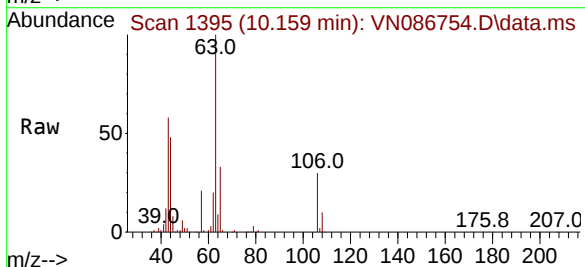
Acq: 22 May 2025 10:18

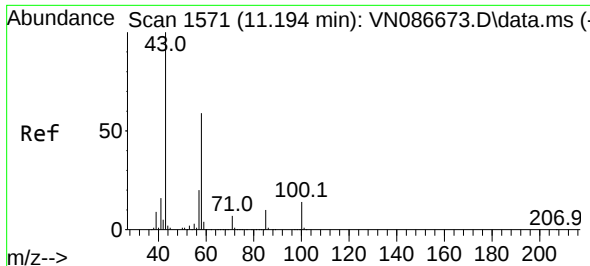
Tgt Ion: 63 Resp: 195491

Ion Ratio Lower Upper

63 100

106 30.7 23.1 34.7

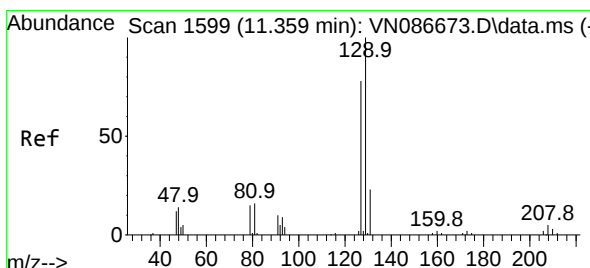
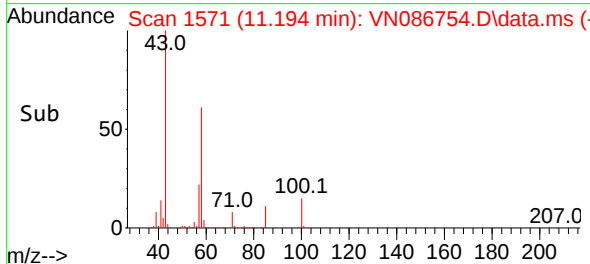
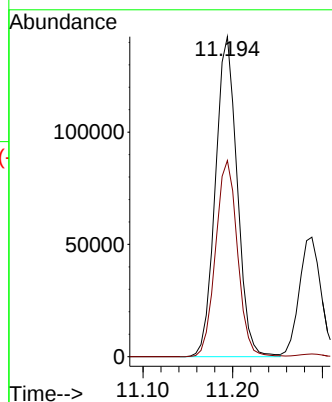
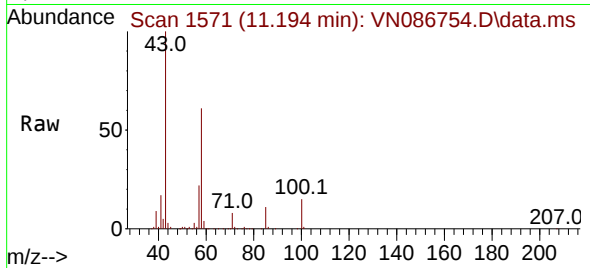




#59
2-Hexanone
Concen: 88.212 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

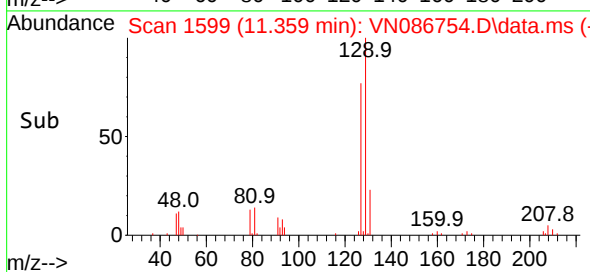
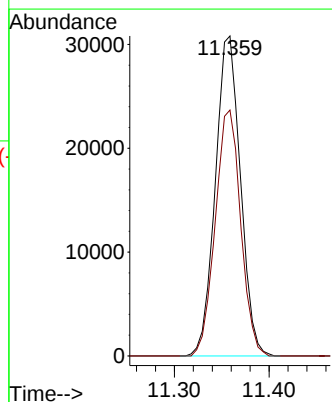
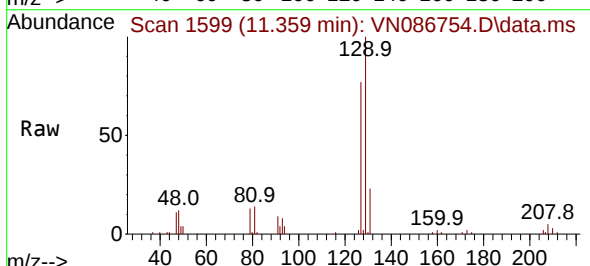
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBS01

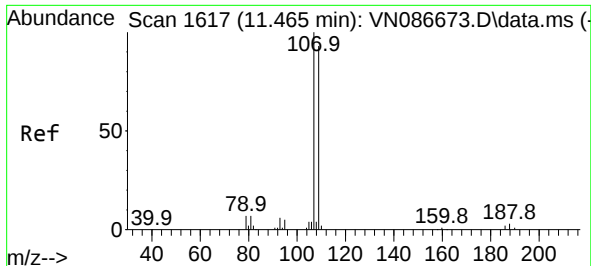
Tgt Ion: 43 Resp: 240187
Ion Ratio Lower Upper
43 100
58 61.6 29.8 89.5



#60
Dibromochloromethane
Concen: 19.645 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

Tgt Ion: 129 Resp: 56854
Ion Ratio Lower Upper
129 100
127 77.7 39.5 118.3

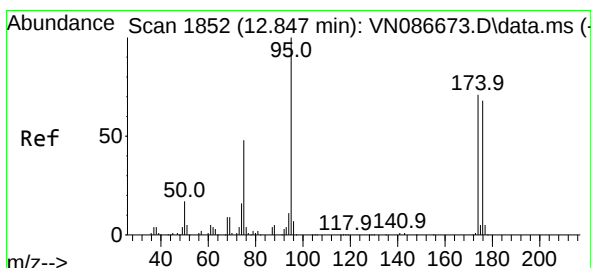
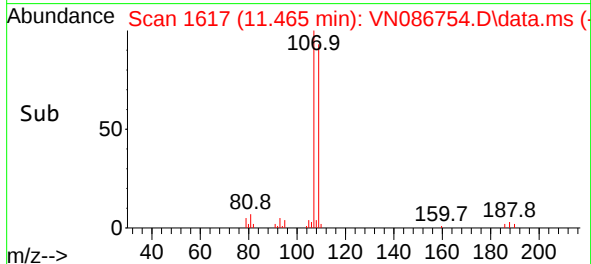
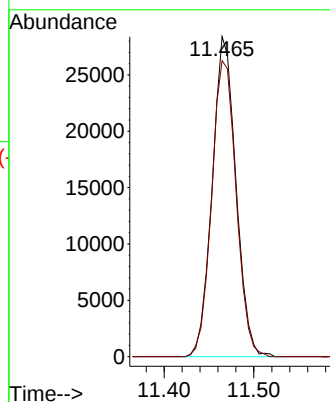
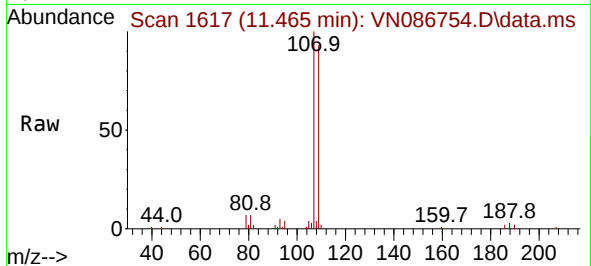




#61
1,2-Dibromoethane
Concen: 18.769 ug/l
RT: 11.465 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

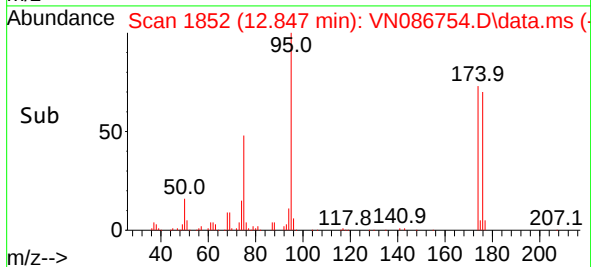
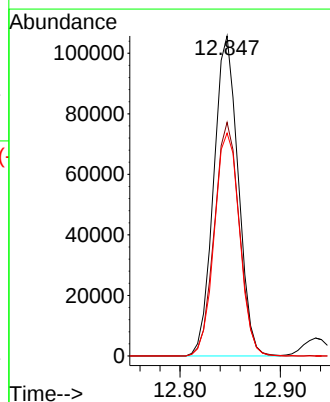
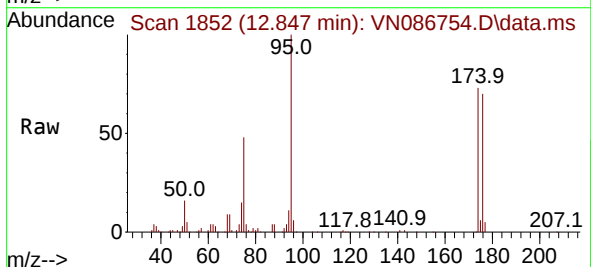
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBS01

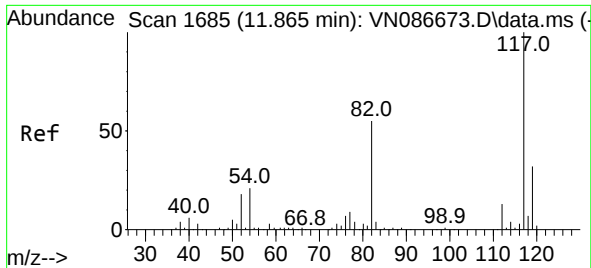
Tgt Ion:107 Resp: 52084
Ion Ratio Lower Upper
107 100
109 95.3 75.0 112.4



#62
4-Bromofluorobenzene
Concen: 49.508 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

Tgt Ion: 95 Resp: 179316
Ion Ratio Lower Upper
95 100
174 74.4 0.0 145.4
176 71.7 0.0 137.8

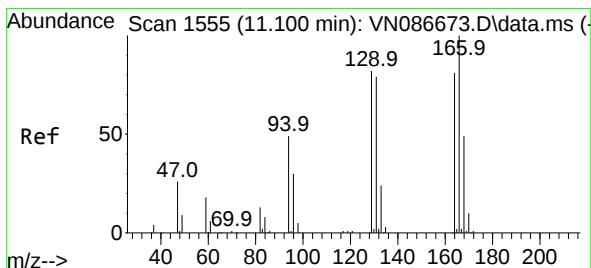
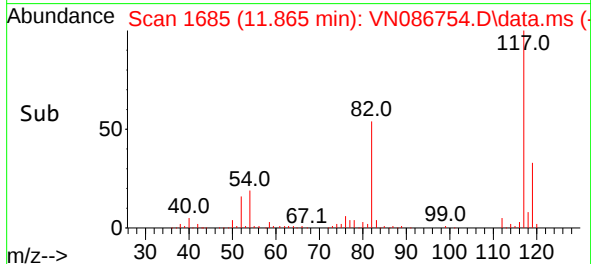
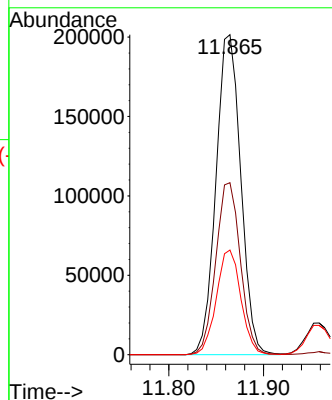
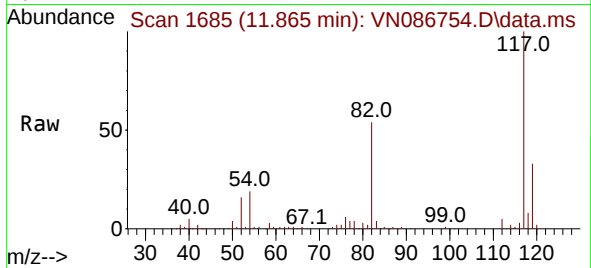




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

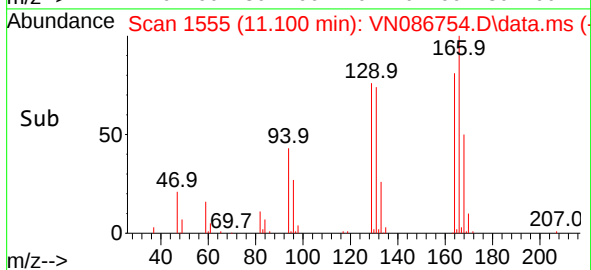
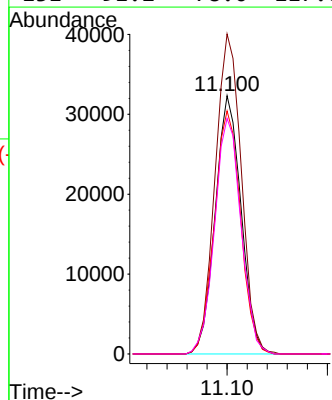
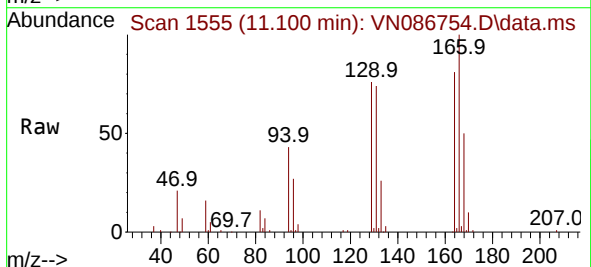
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBS01

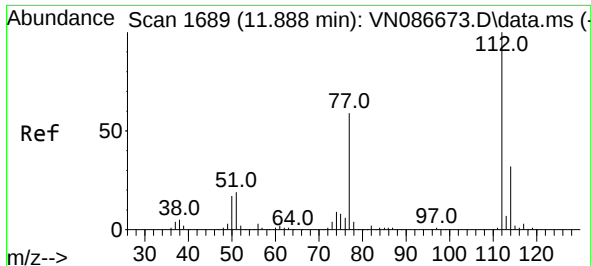
Tgt Ion:117 Resp: 367076
Ion Ratio Lower Upper
117 100
82 53.8 44.2 66.2
119 32.7 25.4 38.2



#64
Tetrachloroethene
Concen: 20.524 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

Tgt Ion:164 Resp: 57713
Ion Ratio Lower Upper
164 100
166 123.9 98.2 147.4
129 94.1 81.0 121.4
131 91.2 78.0 117.0

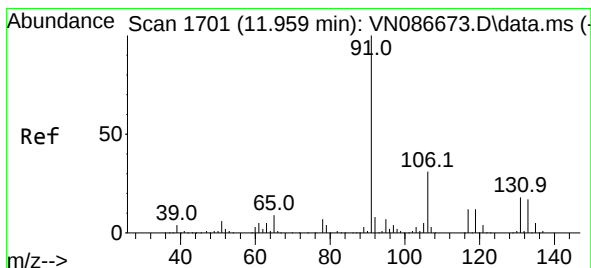
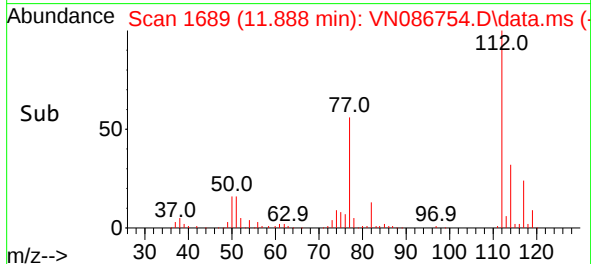
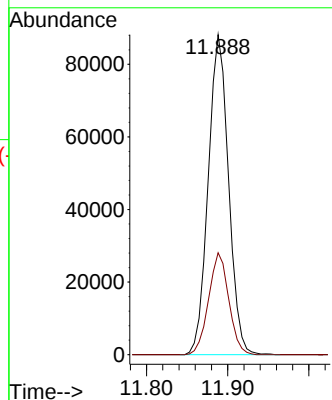
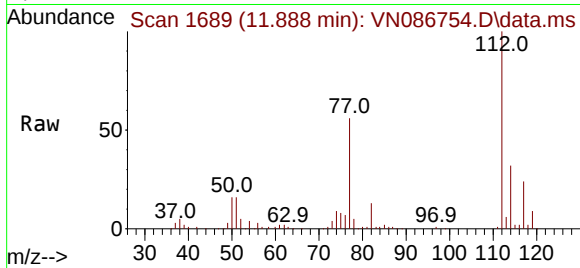




#65
Chlorobenzene
Concen: 19.024 ug/l
RT: 11.888 min Scan# 112
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

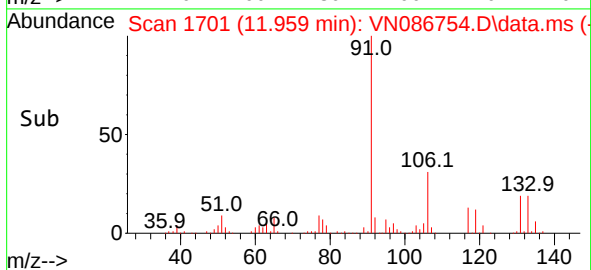
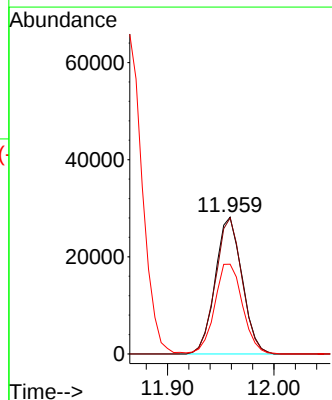
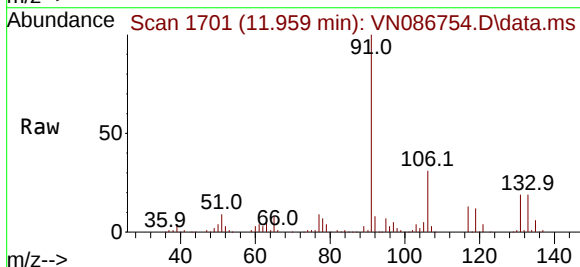
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBS01

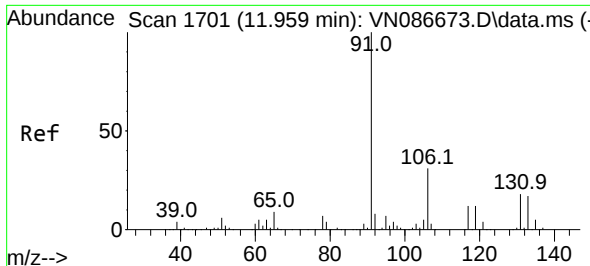
Tgt Ion:112 Resp: 153127
Ion Ratio Lower Upper
112 100
114 31.8 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 18.955 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

Tgt Ion:131 Resp: 49254
Ion Ratio Lower Upper
131 100
133 98.4 47.9 143.7
119 68.2 33.6 100.8

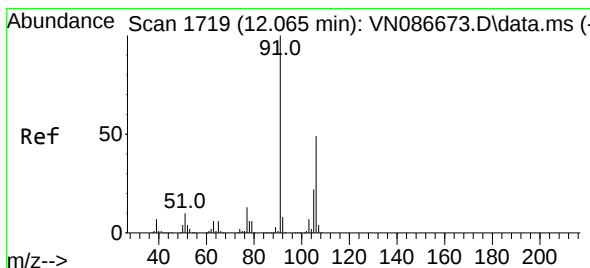
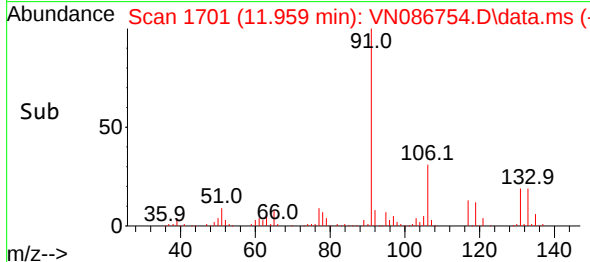
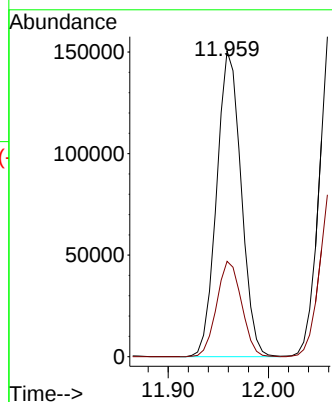
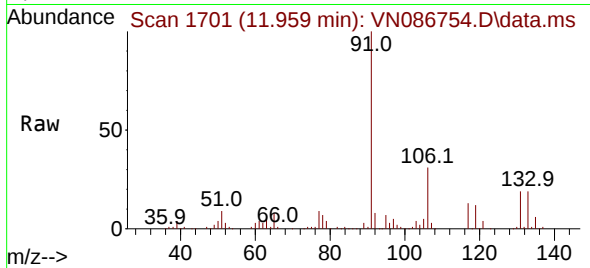




#67
Ethyl Benzene
Concen: 18.512 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

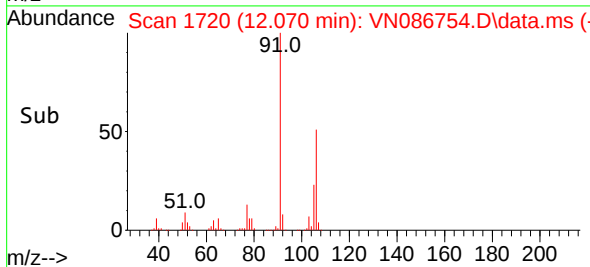
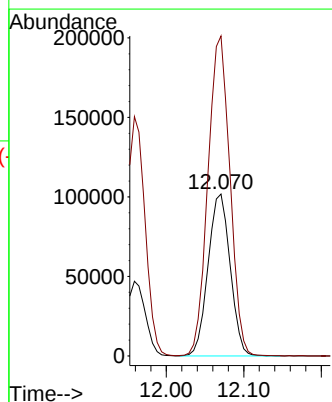
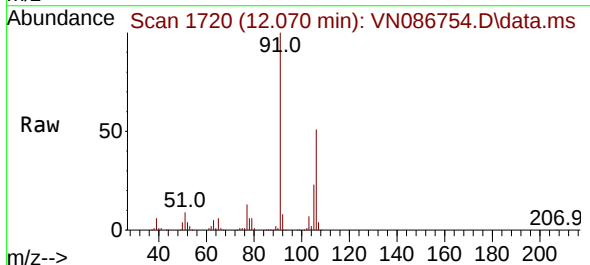
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBS01

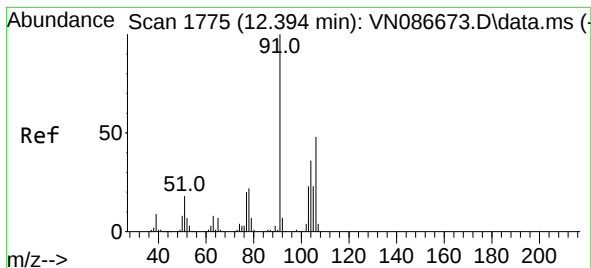
Tgt Ion: 91 Resp: 255233
Ion Ratio Lower Upper
91 100
106 31.2 24.6 36.8



#68
m/p-Xylenes
Concen: 38.612 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

Tgt Ion:106 Resp: 201636
Ion Ratio Lower Upper
106 100
91 197.2 162.4 243.6





#69

o-Xylene

Concen: 19.181 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN086754.D

Acq: 22 May 2025 10:18

Instrument :

MSVOA_N

ClientSampleId :

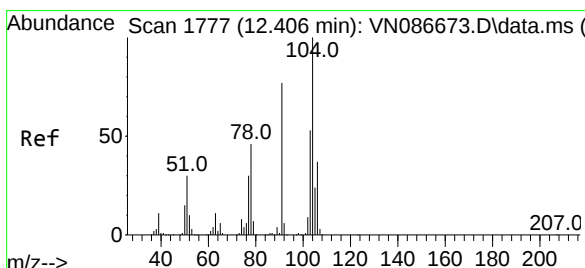
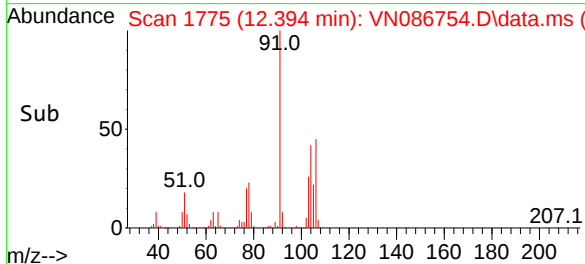
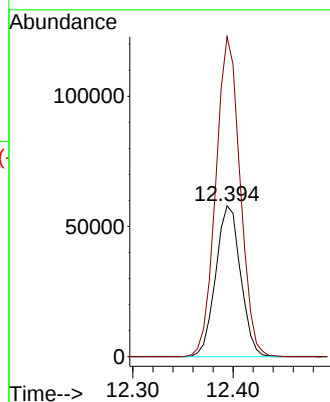
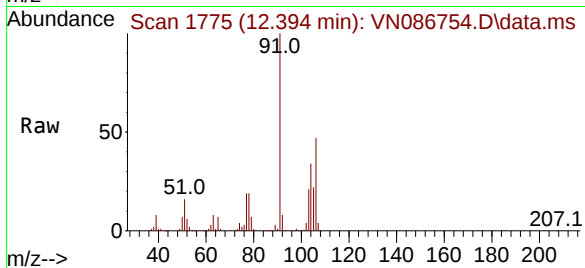
VN0522MBS01

Tgt Ion:106 Resp: 99582

Ion Ratio Lower Upper

106 100

91 207.6 105.1 315.1



#70

Styrene

Concen: 19.234 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VN086754.D

Acq: 22 May 2025 10:18

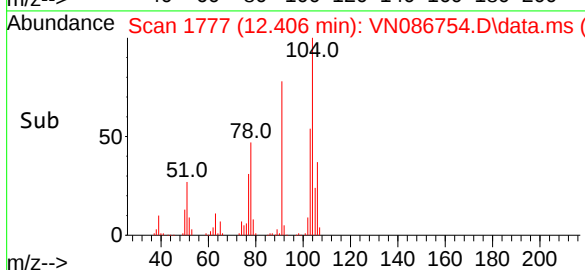
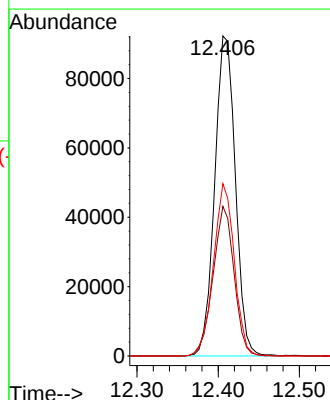
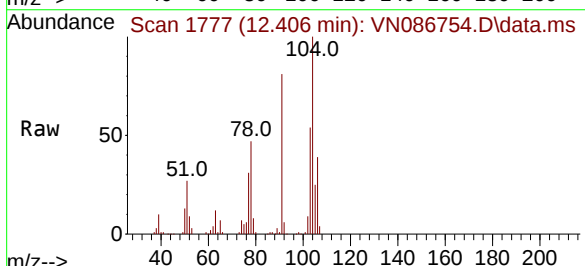
Tgt Ion:104 Resp: 163486

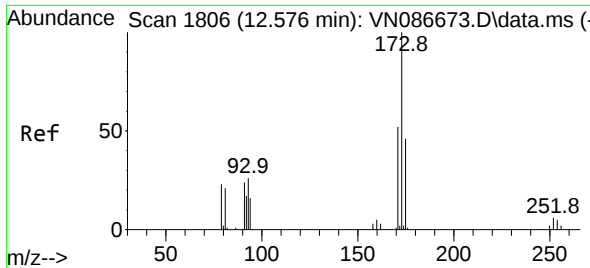
Ion Ratio Lower Upper

104 100

78 47.6 39.0 58.6

103 54.2 43.8 65.8

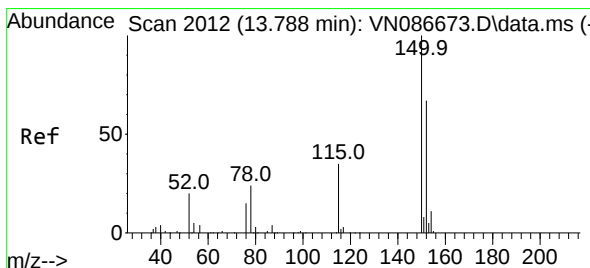
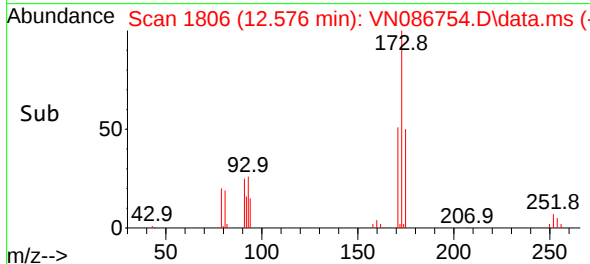
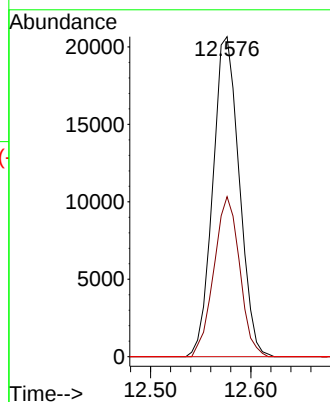
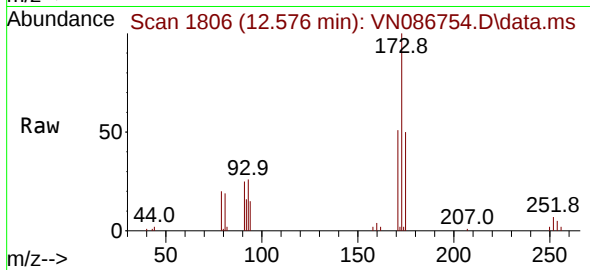




#71
Bromoform
Concen: 20.474 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

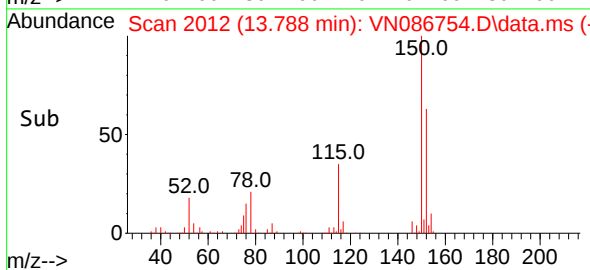
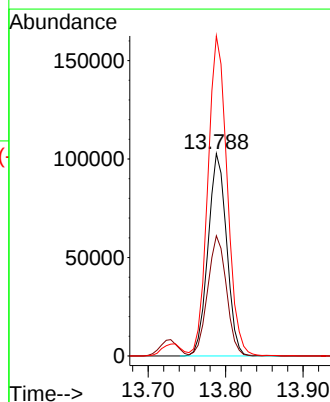
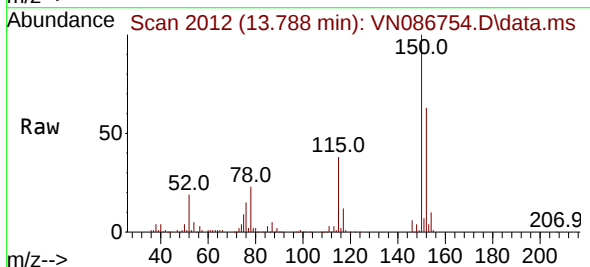
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBS01

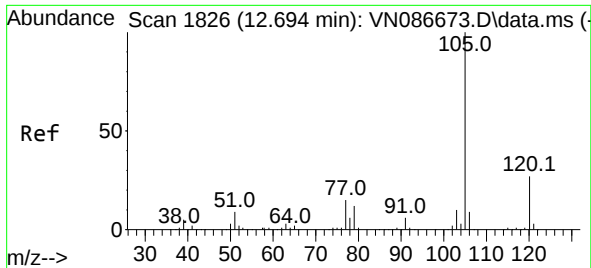
Tgt Ion:173 Resp: 37837
Ion Ratio Lower Upper
173 100
175 48.7 23.4 70.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

Tgt Ion:152 Resp: 170899
Ion Ratio Lower Upper
152 100
115 60.0 30.0 90.1
150 164.5 0.0 347.8

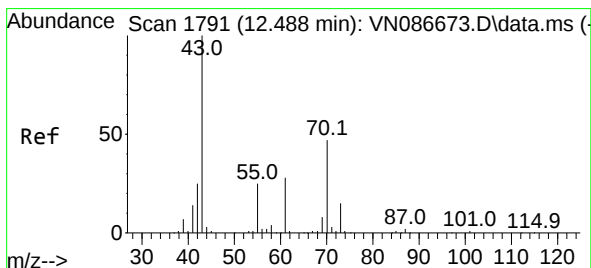
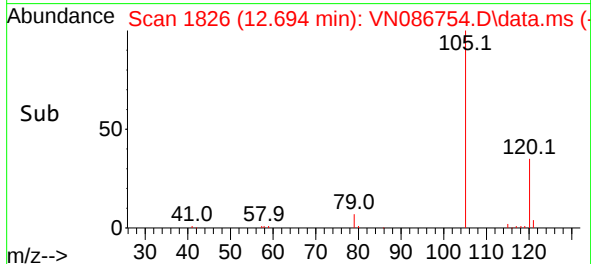
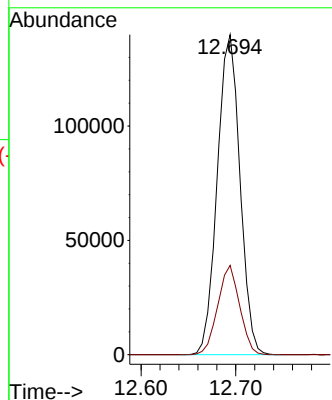
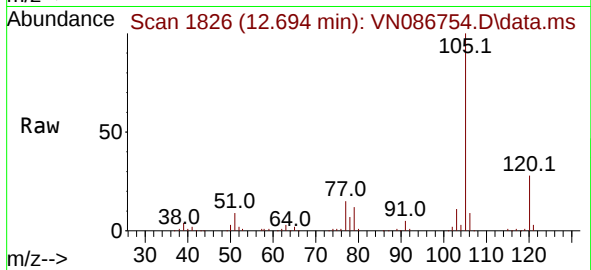




#73
Isopropylbenzene
Concen: 17.650 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

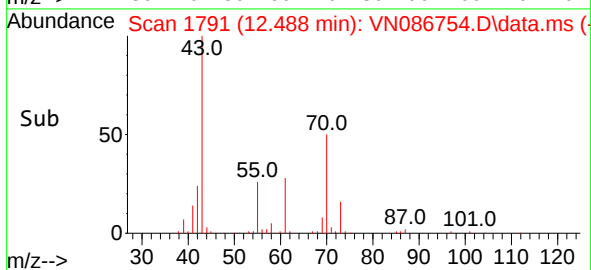
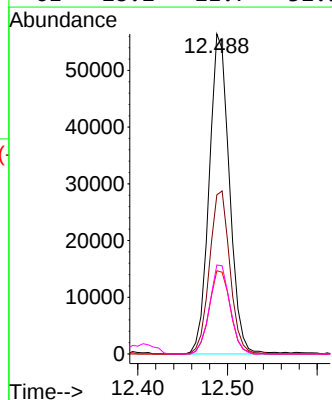
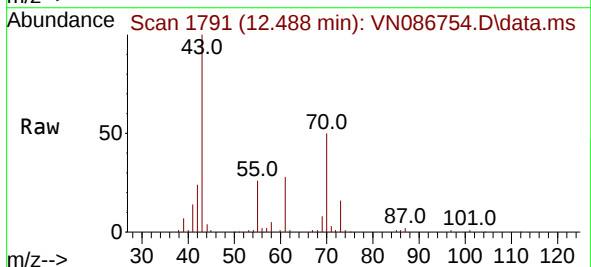
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBS01

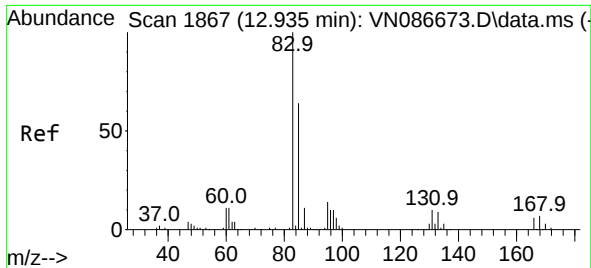
Tgt Ion:105 Resp: 232972
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.1



#74
N-ethyl acetate
Concen: 15.990 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

Tgt Ion: 43 Resp: 88180
Ion Ratio Lower Upper
43 100
70 51.3 37.9 56.9
55 27.0 20.5 30.7
61 28.2 21.7 32.5

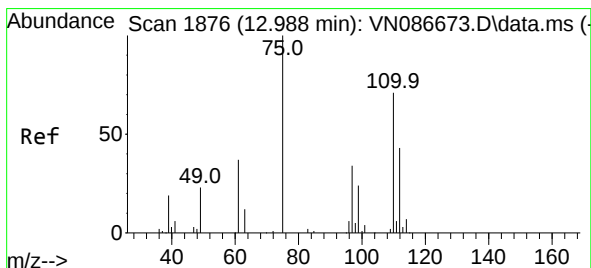
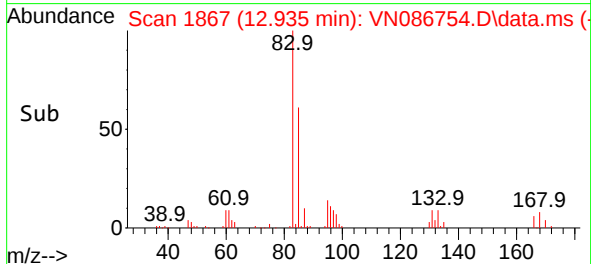
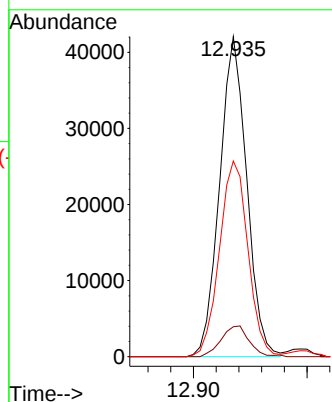
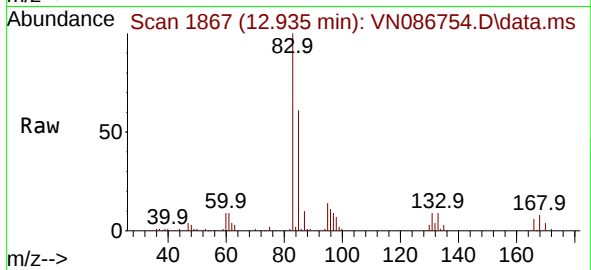




#75
 1,1,2-Tetrachloroethane
 Concen: 17.189 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. -0.000 min
 Lab File: VN086754.D
 Acq: 22 May 2025 10:18

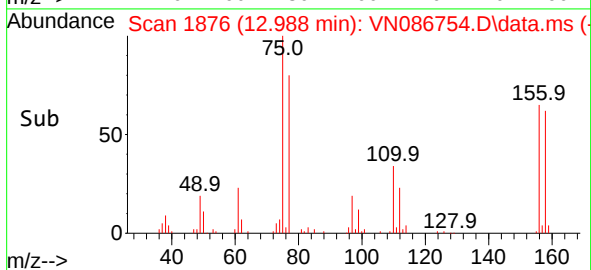
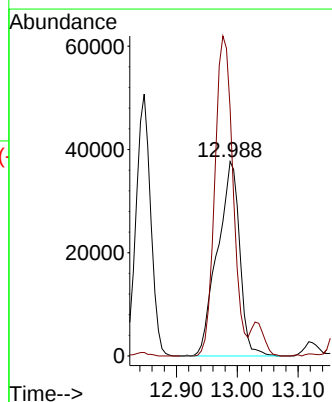
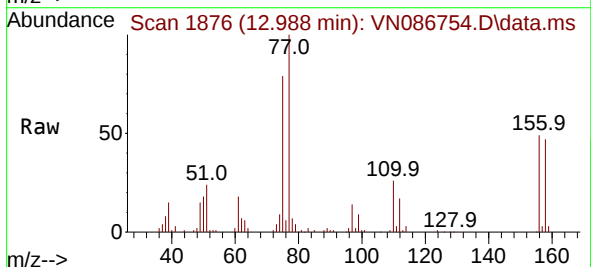
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0522MBS01

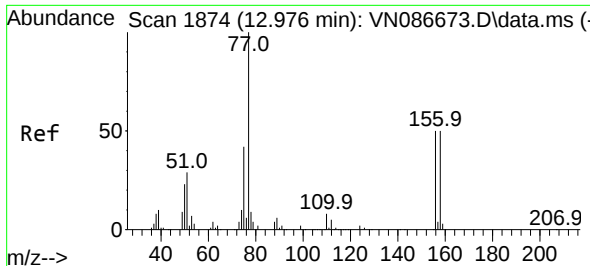
Tgt Ion: 83 Resp: 69704
 Ion Ratio Lower Upper
 83 100
 131 10.0 5.0 15.0
 85 64.3 32.4 97.2



#76
 1,2,3-Trichloropropane
 Concen: 24.759 ug/l
 RT: 12.988 min Scan# 1876
 Delta R.T. -0.000 min
 Lab File: VN086754.D
 Acq: 22 May 2025 10:18

Tgt Ion: 75 Resp: 95693
 Ion Ratio Lower Upper
 75 100
 77 134.1 96.0 288.1

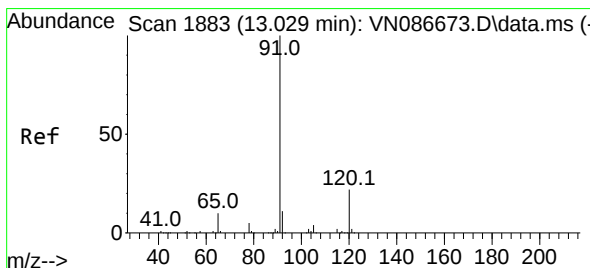
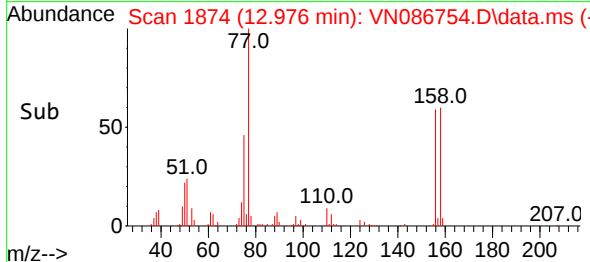
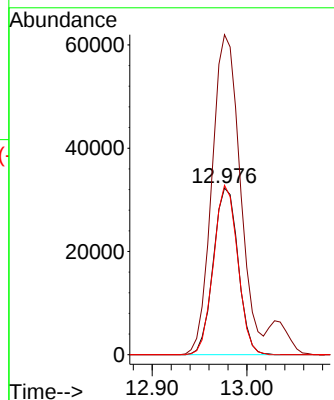
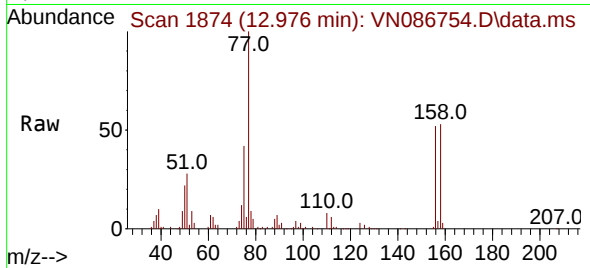




#77
Bromobenzene
Concen: 17.682 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

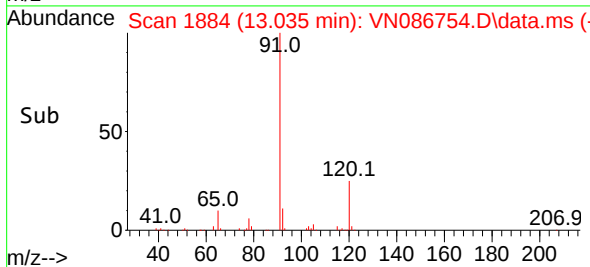
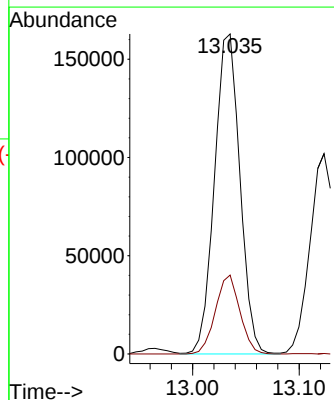
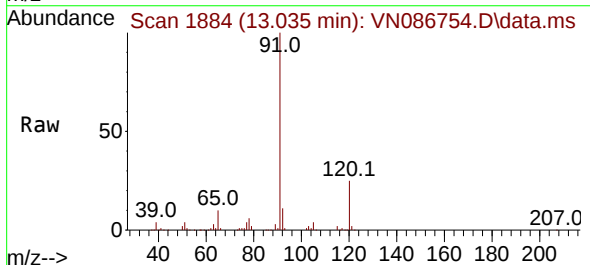
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBS01

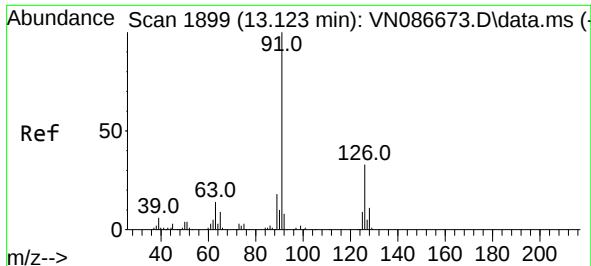
Tgt Ion:156 Resp: 58709
Ion Ratio Lower Upper
156 100
77 218.6 113.1 339.2
158 98.9 48.6 145.9



#78
n-propylbenzene
Concen: 17.811 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

Tgt Ion: 91 Resp: 269787
Ion Ratio Lower Upper
91 100
120 23.6 11.4 34.1

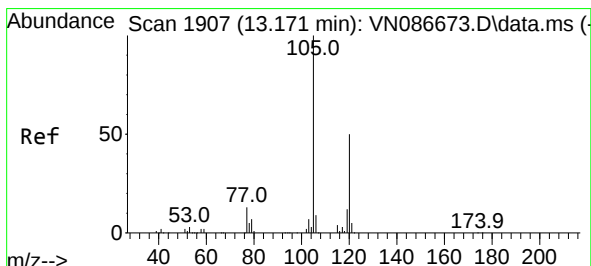
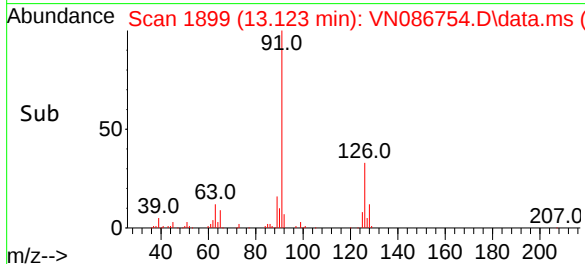
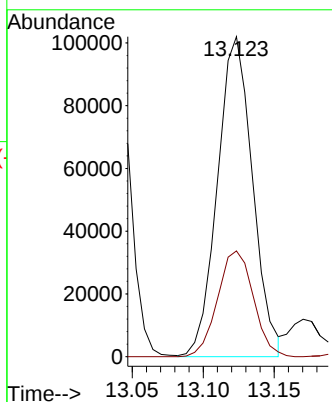
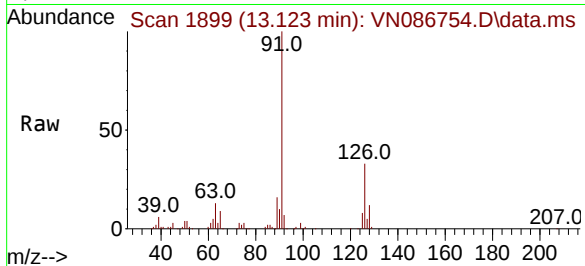




#79
2-Chlorotoluene
Concen: 17.823 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

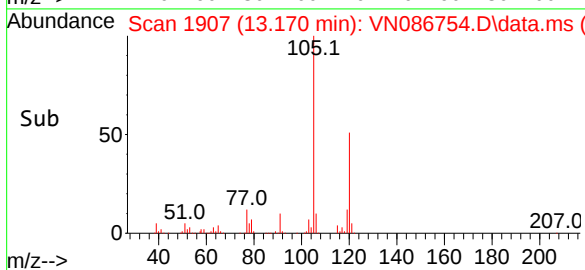
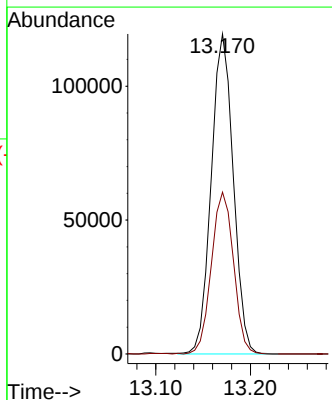
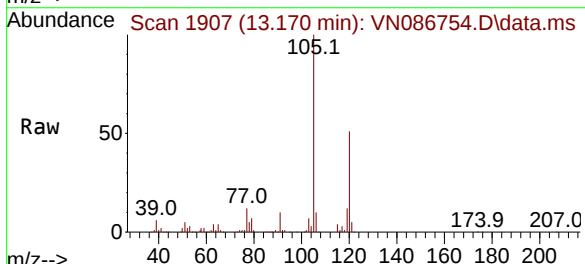
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBS01

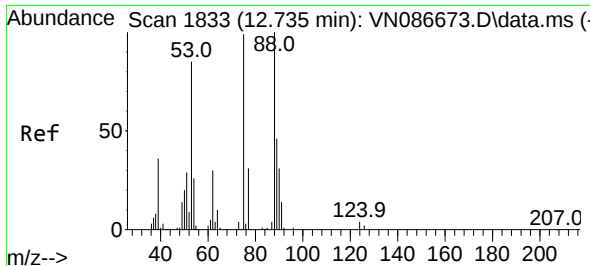
Tgt Ion: 91 Resp: 175534
Ion Ratio Lower Upper
91 100
126 33.6 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 18.246 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

Tgt Ion: 105 Resp: 192948
Ion Ratio Lower Upper
105 100
120 50.8 24.9 74.6

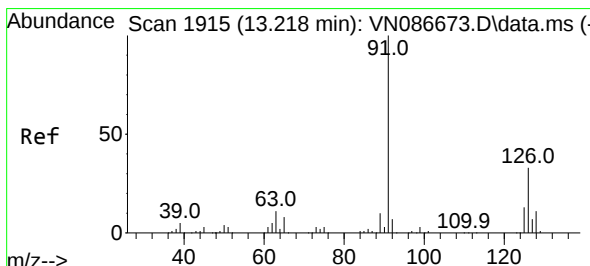
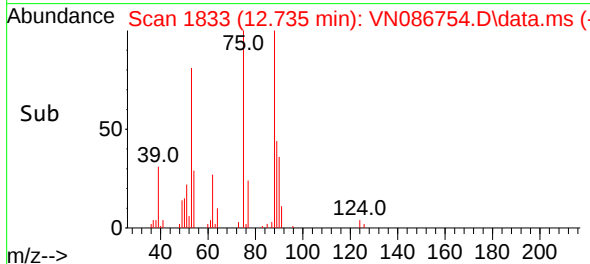
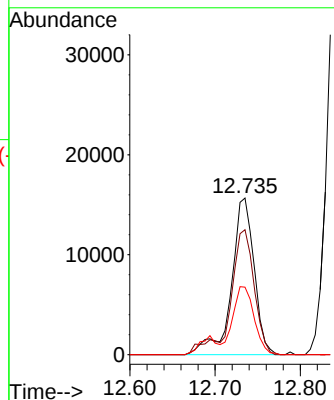
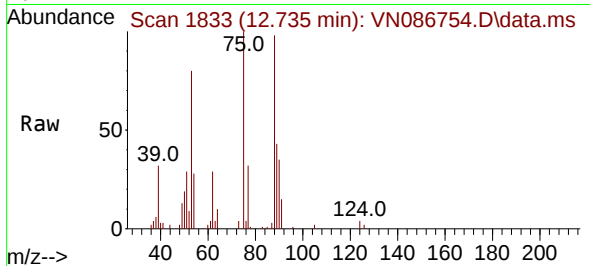




#81
trans-1,4-Dichloro-2-butene
Concen: 18.973 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

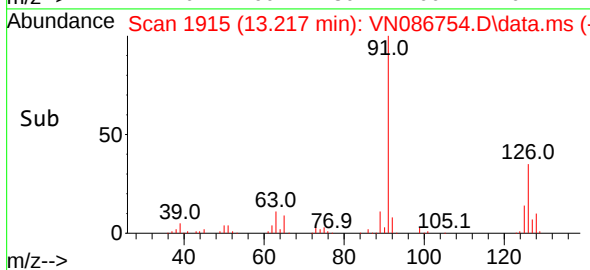
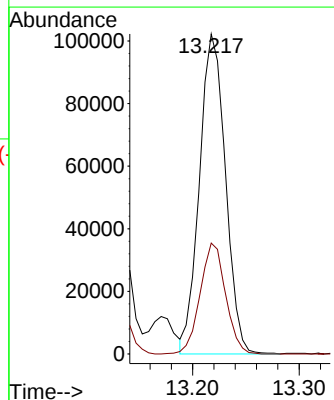
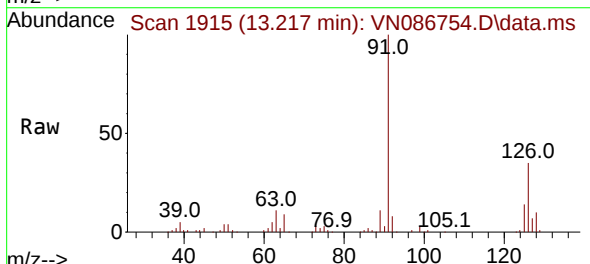
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBS01

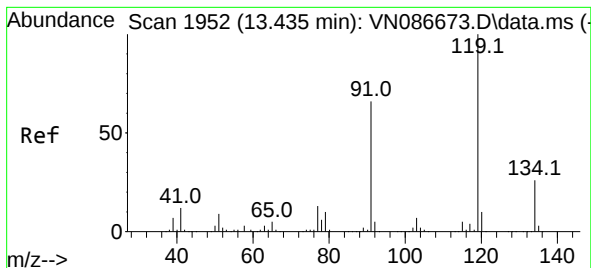
Tgt Ion: 75 Resp: 29057
Ion Ratio Lower Upper
75 100
53 82.9 70.4 105.6
89 40.9 32.4 48.6



#82
4-Chlorotoluene
Concen: 17.814 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

Tgt Ion: 91 Resp: 173825
Ion Ratio Lower Upper
91 100
126 33.9 17.0 50.9





#83

tert-Butylbenzene

Concen: 18.609 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VN086754.D

Acq: 22 May 2025 10:18

Instrument :

MSVOA_N

ClientSampleId :

VN0522MBS01

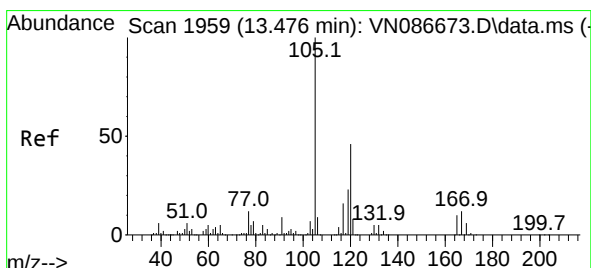
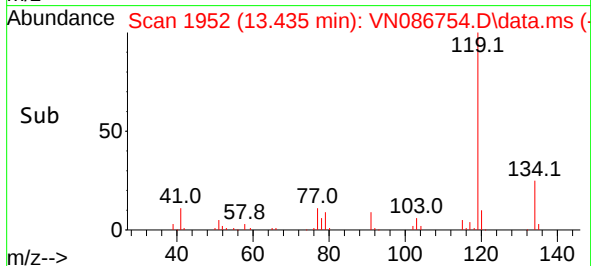
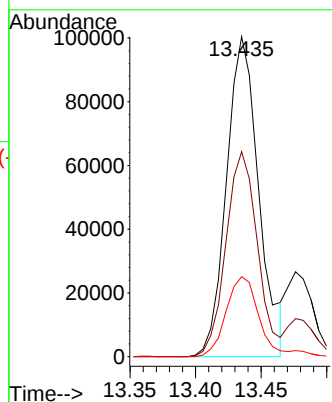
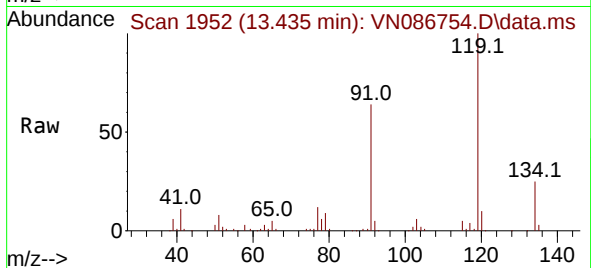
Tgt Ion:119 Resp: 171618

Ion Ratio Lower Upper

119 100

91 62.9 32.9 98.7

134 26.1 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 18.386 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.006 min

Lab File: VN086754.D

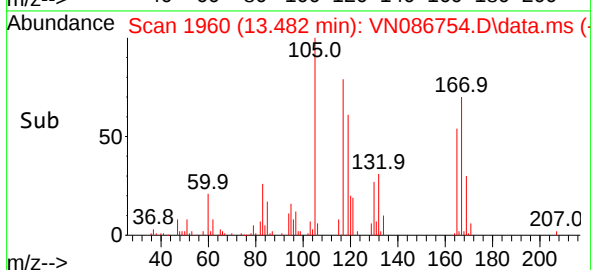
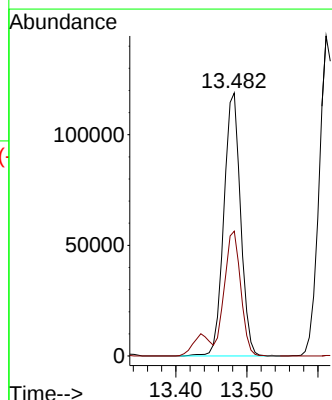
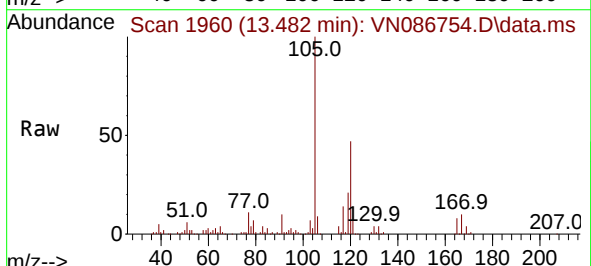
Acq: 22 May 2025 10:18

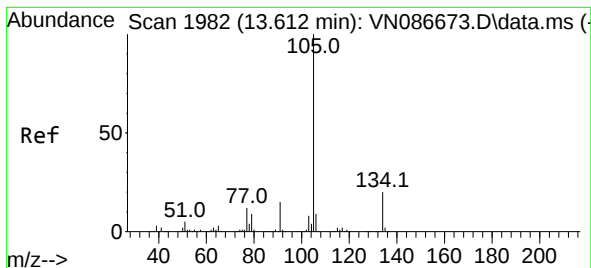
Tgt Ion:105 Resp: 193619

Ion Ratio Lower Upper

105 100

120 46.4 23.2 69.6





#85

sec-Butylbenzene

Concen: 18.597 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. -0.000 min

Lab File: VN086754.D

Acq: 22 May 2025 10:18

Instrument :

MSVOA_N

ClientSampleId :

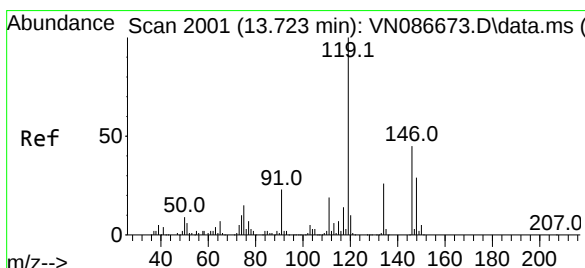
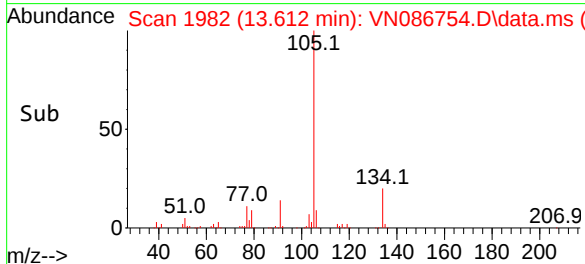
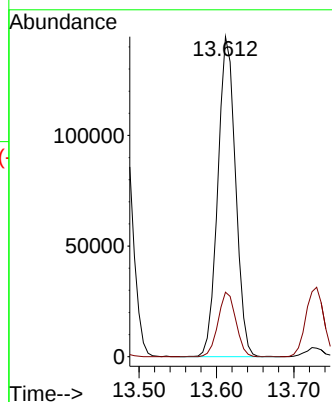
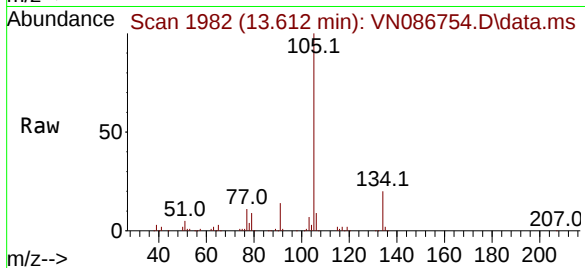
VN0522MBS01

Tgt Ion:105 Resp: 229971

Ion Ratio Lower Upper

105 100

134 20.2 10.1 30.1



#86

p-Isopropyltoluene

Concen: 19.166 ug/l

RT: 13.723 min Scan# 2001

Delta R.T. -0.000 min

Lab File: VN086754.D

Acq: 22 May 2025 10:18

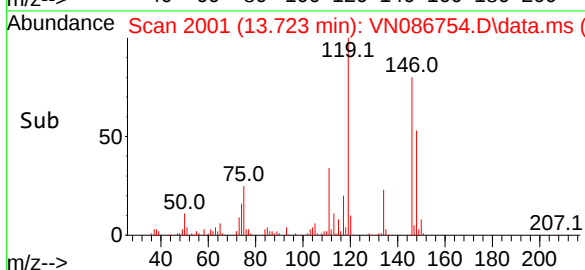
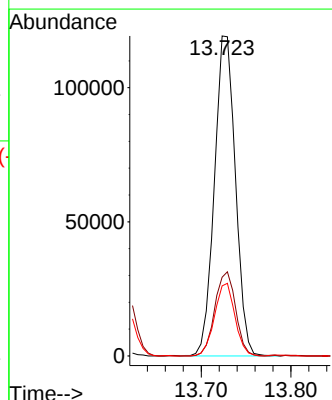
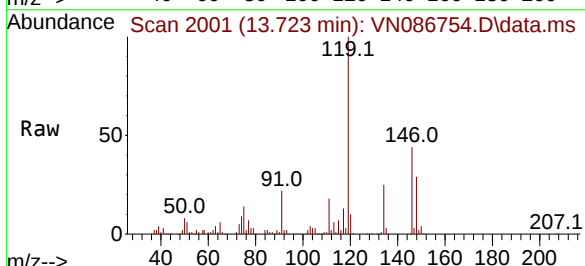
Tgt Ion:119 Resp: 194269

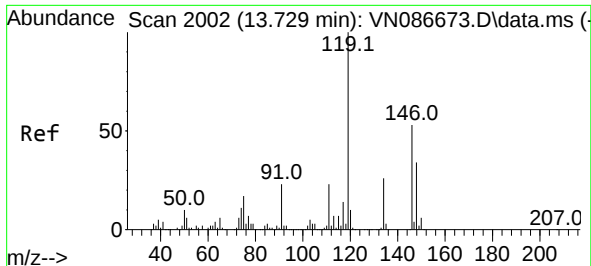
Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.1

91 22.0 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 18.787 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN086754.D

Acq: 22 May 2025 10:18

Instrument :

MSVOA_N

ClientSampleId :

VN0522MBS01

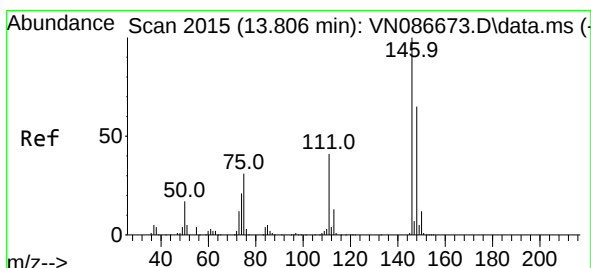
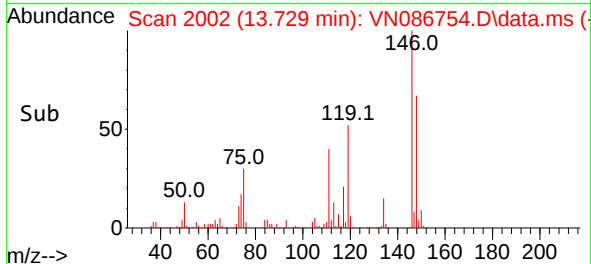
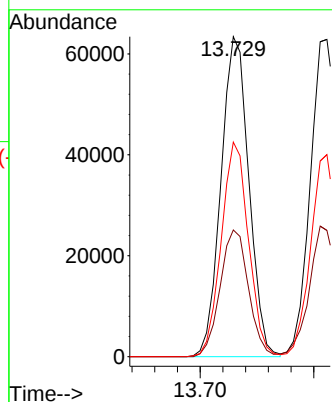
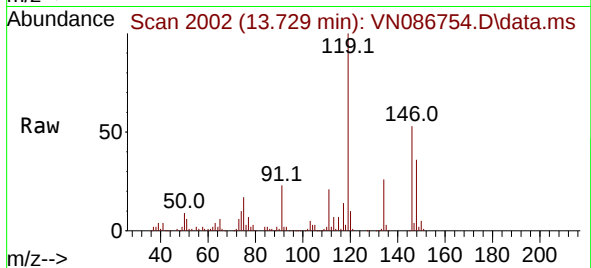
Tgt Ion:146 Resp: 108014

Ion Ratio Lower Upper

146 100

111 40.2 20.9 62.7

148 65.6 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 19.300 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.006 min

Lab File: VN086754.D

Acq: 22 May 2025 10:18

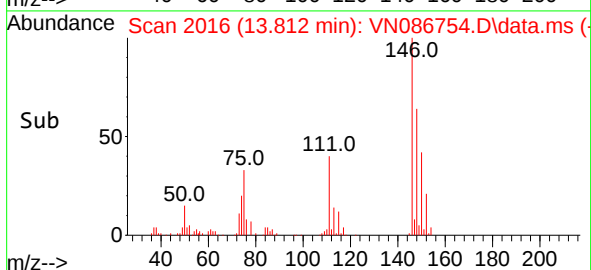
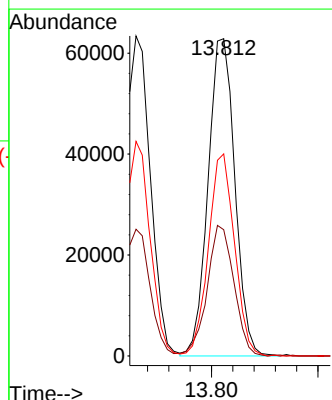
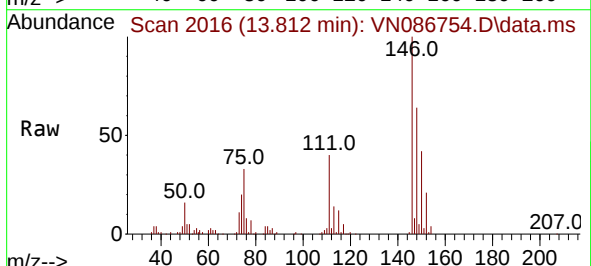
Tgt Ion:146 Resp: 109941

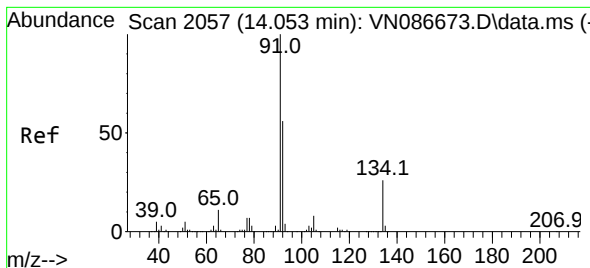
Ion Ratio Lower Upper

146 100

111 41.3 20.6 61.8

148 62.1 32.0 96.0





#89

n-Butylbenzene

Concen: 19.032 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN086754.D

Acq: 22 May 2025 10:18

Instrument :

MSVOA_N

ClientSampleId :

VN0522MBS01

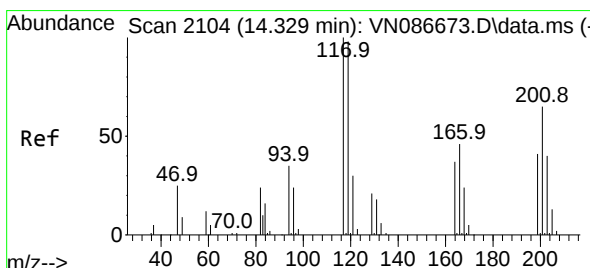
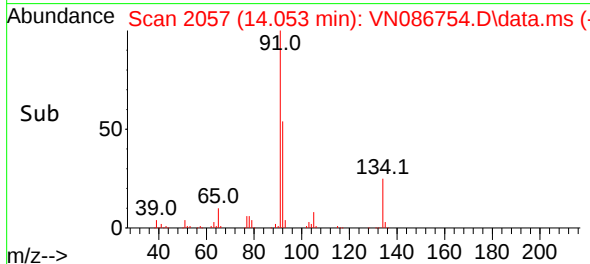
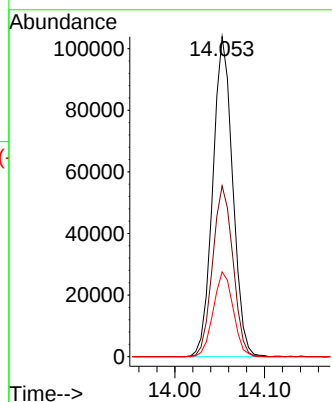
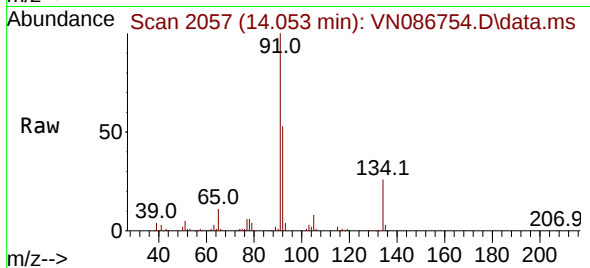
Tgt Ion: 91 Resp: 159921

Ion Ratio Lower Upper

91 100

92 54.5 27.4 82.0

134 26.5 12.8 38.4



#90

Hexachloroethane

Concen: 18.475 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. -0.000 min

Lab File: VN086754.D

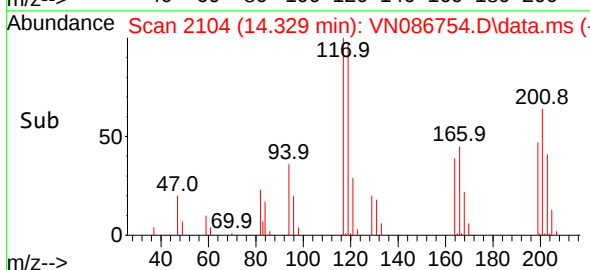
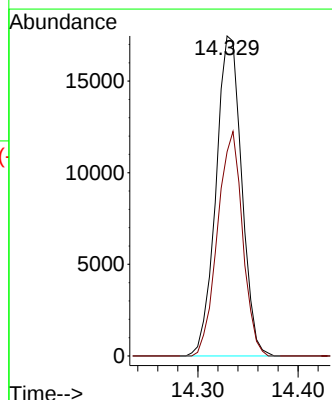
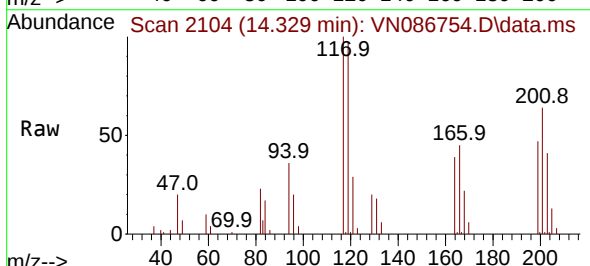
Acq: 22 May 2025 10:18

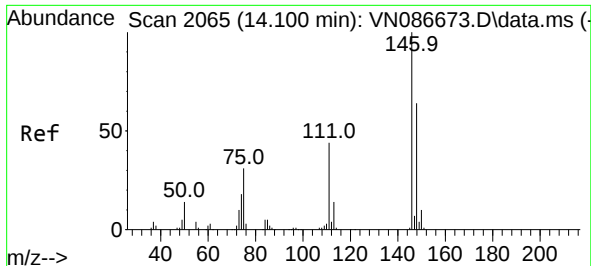
Tgt Ion: 117 Resp: 31070

Ion Ratio Lower Upper

117 100

201 68.2 32.0 96.0

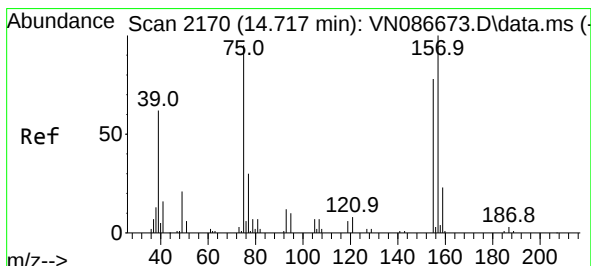
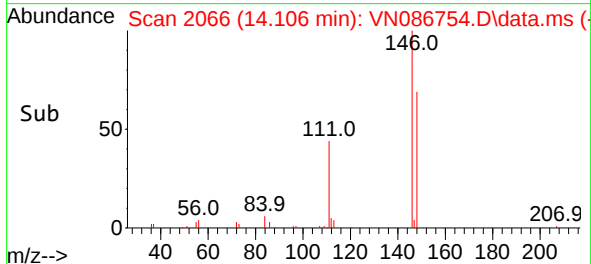
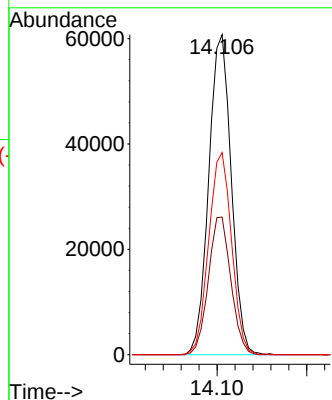
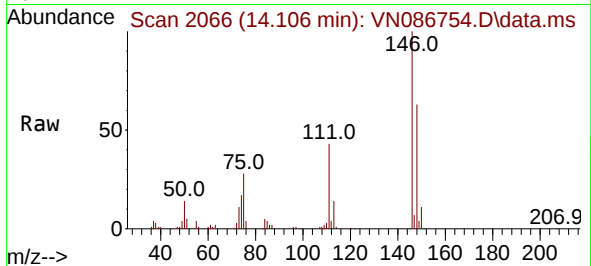




#91
1,2-Dichlorobenzene
Concen: 19.350 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

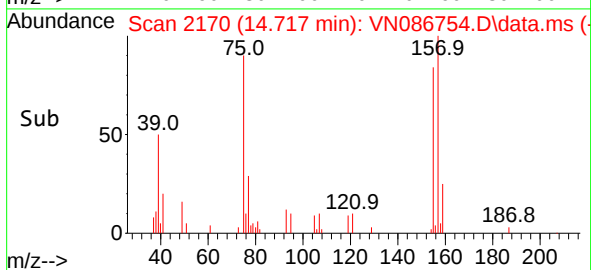
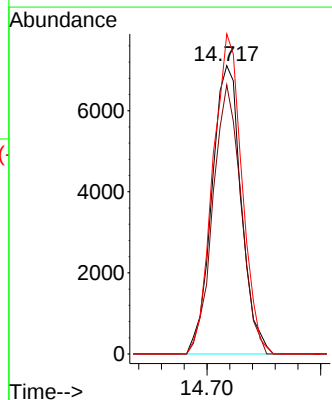
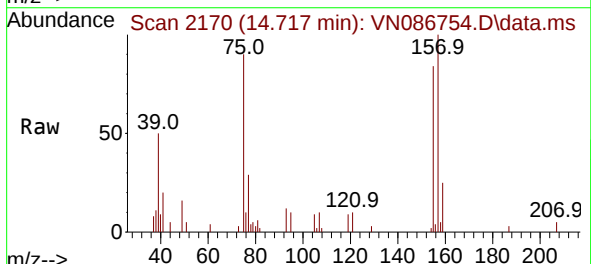
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBS01

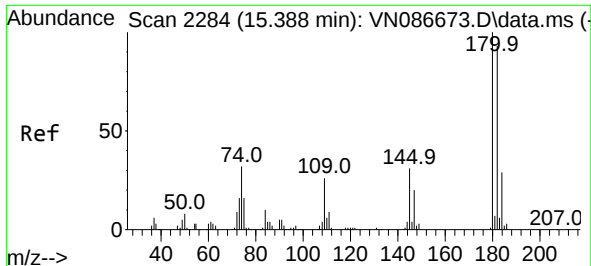
Tgt Ion:146 Resp: 105818
Ion Ratio Lower Upper
146 100
111 43.0 21.6 65.0
148 64.2 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.984 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

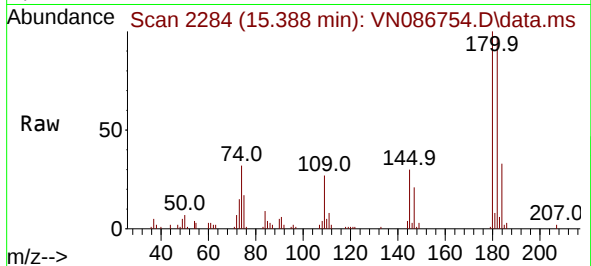
Tgt Ion: 75 Resp: 12753
Ion Ratio Lower Upper
75 100
155 89.6 40.5 121.5
157 109.8 53.6 160.8



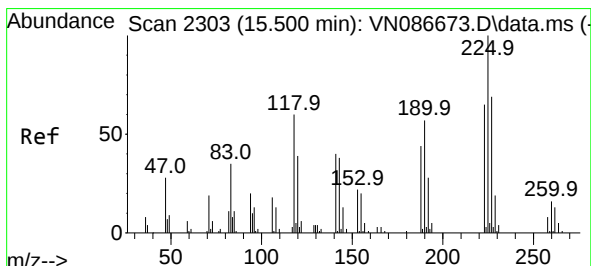
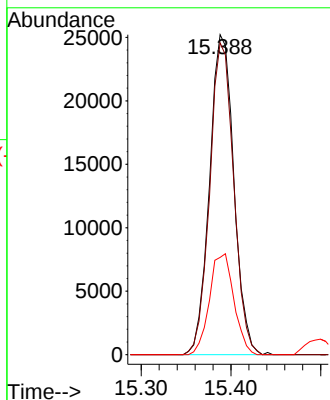
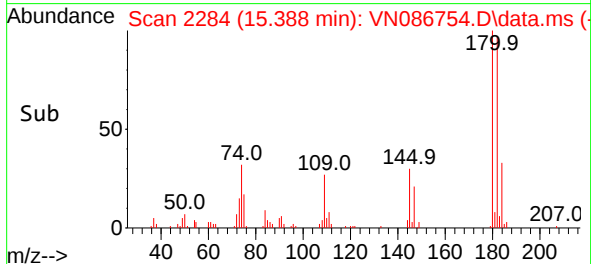


#93
1,2,4-Trichlorobenzene
Concen: 20.542 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

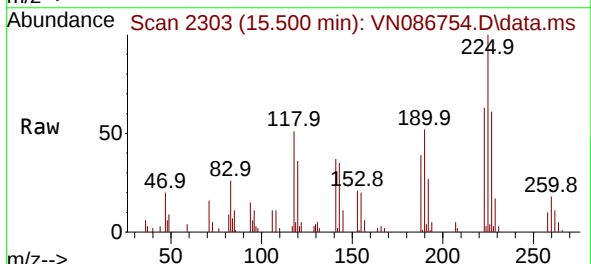
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBS01



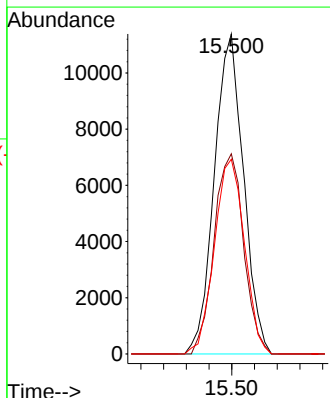
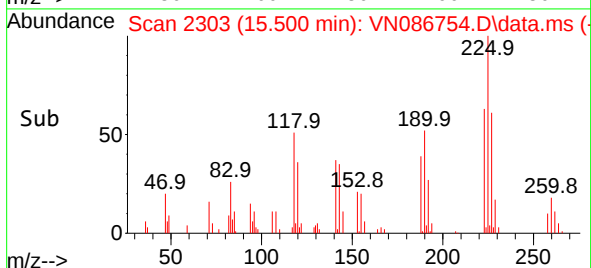
Tgt Ion:180 Resp: 47418
Ion Ratio Lower Upper
180 100
182 95.9 47.1 141.3
145 31.7 15.6 46.8

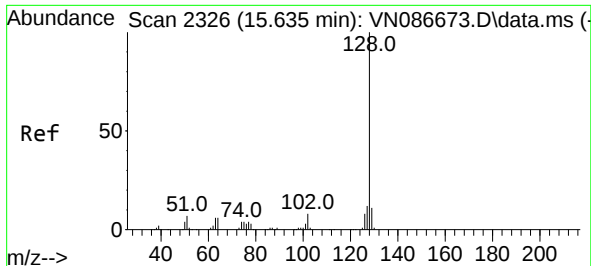


#94
Hexachlorobutadiene
Concen: 21.248 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18



Tgt Ion:225 Resp: 20349
Ion Ratio Lower Upper
225 100
223 63.4 32.9 98.6
227 62.6 32.4 97.2

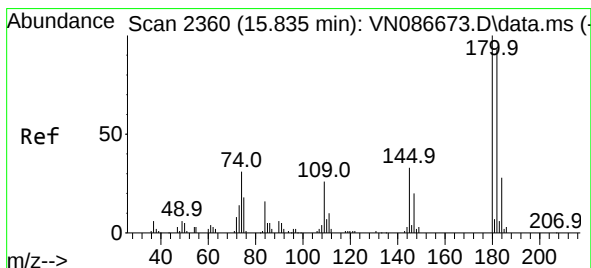
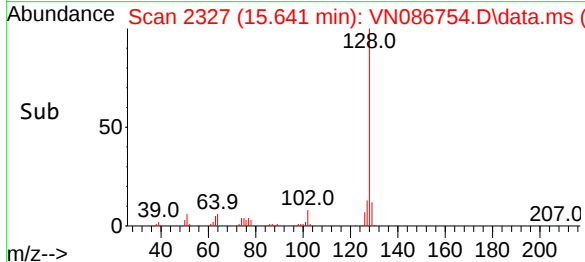
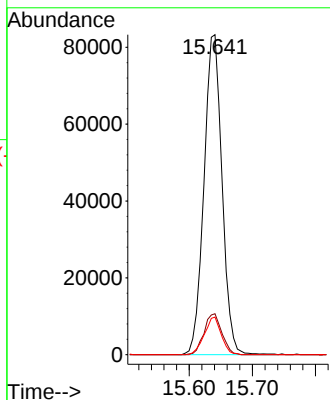
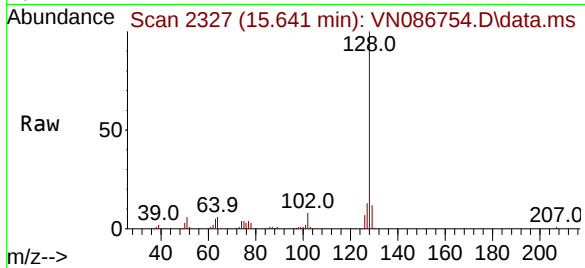




#95
Naphthalene
Concen: 20.600 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

Instrument :
MSVOA_N
ClientSampleId :
VN0522MBS01

Tgt Ion:128 Resp: 165106
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.497 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

Tgt Ion:180 Resp: 46335
Ion Ratio Lower Upper
180 100
182 93.3 47.0 141.2
145 32.6 16.7 50.1

