

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051925\
 Data File : VN086682.D
 Acq On : 19 May 2025 12:14
 Operator : JC\MD
 Sample : VN0519WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0519WBSD01

Quant Time: May 20 03:16:15 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	207027	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	373687	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	336328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	152945	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	138607	48.452	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.900%
35) Dibromofluoromethane	8.165	113	106639	47.918	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.840%
50) Toluene-d8	10.565	98	437918	47.484	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.960%
62) 4-Bromofluorobenzene	12.847	95	155130	47.639	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.280%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	44888	20.077	ug/l	98
3) Chloromethane	2.360	50	60991	18.036	ug/l	100
4) Vinyl Chloride	2.518	62	55454	18.260	ug/l	95
5) Bromomethane	2.959	94	31920	18.232	ug/l	99
6) Chloroethane	3.124	64	35314	17.750	ug/l	92
7) Trichlorofluoromethane	3.501	101	67567	18.617	ug/l	100
8) Diethyl Ether	3.959	74	28629	19.095	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	41272	18.995	ug/l	98
10) Methyl Iodide	4.589	142	49028	18.140	ug/l	97
11) Tert butyl alcohol	5.518	59	46929	90.073	ug/l	99
12) 1,1-Dichloroethene	4.336	96	41938	18.162	ug/l	95
13) Acrolein	4.177	56	55453	99.562	ug/l	98
14) Allyl chloride	5.024	41	63600	18.197	ug/l	99
15) Acrylonitrile	5.718	53	121434	94.134	ug/l	100
16) Acetone	4.424	43	93206	87.100	ug/l	98
17) Carbon Disulfide	4.712	76	117351	18.356	ug/l	99
18) Methyl Acetate	5.018	43	52232	17.439	ug/l	99
19) Methyl tert-butyl Ether	5.795	73	151762	19.302	ug/l	99
20) Methylene Chloride	5.277	84	48908	17.319	ug/l	97
21) trans-1,2-Dichloroethene	5.783	96	45206	18.517	ug/l	98
22) Diisopropyl ether	6.665	45	150447	19.080	ug/l	98
23) Vinyl Acetate	6.600	43	568857	95.991	ug/l	100
24) 1,1-Dichloroethane	6.571	63	84213	18.191	ug/l	97
25) 2-Butanone	7.477	43	153717	92.959	ug/l	99
26) 2,2-Dichloropropane	7.489	77	71985	18.842	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	55257	18.439	ug/l	98
28) Bromochloromethane	7.812	49	39848	18.945	ug/l	99
29) Tetrahydrofuran	7.836	42	103950	96.309	ug/l	99
30) Chloroform	7.965	83	84922	18.327	ug/l	99
31) Cyclohexane	8.253	56	76381	17.790	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	72382	18.528	ug/l	97
36) 1,1-Dichloropropene	8.365	75	60916	18.557	ug/l	99
37) Ethyl Acetate	7.559	43	61674	18.599	ug/l	99
38) Carbon Tetrachloride	8.359	117	59595	18.426	ug/l	98
39) Methylcyclohexane	9.600	83	69129	19.457	ug/l	98
40) Benzene	8.600	78	201707	18.836	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	33032	18.450	ug/l	96
42) 1,2-Dichloroethane	8.665	62	64419	19.309	ug/l	99
43) Isopropyl Acetate	8.683	43	111943	16.840	ug/l	99
44) Trichloroethene	9.347	130	48218	18.669	ug/l	97
45) 1,2-Dichloropropane	9.618	63	47717	18.758	ug/l	100
46) Dibromomethane	9.706	93	32603	18.994	ug/l	100
47) Bromodichloromethane	9.883	83	67606	19.115	ug/l	99
48) Methyl methacrylate	9.677	41	48974	19.012	ug/l	99
49) 1,4-Dioxane	9.688	88	20318	372.506	ug/l	95
51) 4-Methyl-2-Pentanone	10.441	43	313262	93.448	ug/l	100
52) Toluene	10.630	92	123879	18.613	ug/l	98
53) t-1,3-Dichloropropene	10.830	75	73516	19.632	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	79222	19.380	ug/l	96
55) 1,1,2-Trichloroethane	11.012	97	46702	18.811	ug/l	98
56) Ethyl methacrylate	10.871	69	76675	19.235	ug/l	98
57) 1,3-Dichloropropane	11.159	76	81592	19.076	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	174778	98.103	ug/l	100
59) 2-Hexanone	11.194	43	230513	94.163	ug/l	99
60) Dibromochloromethane	11.353	129	50516	19.415	ug/l	98
61) 1,2-Dibromoethane	11.465	107	47095	18.877	ug/l	100
64) Tetrachloroethene	11.100	164	50042	19.423	ug/l	96
65) Chlorobenzene	11.888	112	135549	18.379	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	44503	18.692	ug/l	99
67) Ethyl Benzene	11.959	91	233376	18.475	ug/l	99
68) m/p-Xylenes	12.065	106	177899	37.181	ug/l	100
69) o-Xylene	12.394	106	86593	18.204	ug/l	98
70) Styrene	12.406	104	144985	18.617	ug/l	99
71) Bromoform	12.576	173	32496	19.192	ug/l #	98
73) Isopropylbenzene	12.694	105	207051	17.528	ug/l	99
74) N-amyl acetate	12.488	43	88720	17.976	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	63483	17.493	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	88362	25.546	ug/l	60
77) Bromobenzene	12.976	156	52437	17.647	ug/l	99
78) n-propylbenzene	13.035	91	243078	17.931	ug/l	99
79) 2-Chlorotoluene	13.124	91	155213	17.609	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	172869	18.266	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	26575	19.389	ug/l	93
82) 4-Chlorotoluene	13.218	91	156395	17.909	ug/l	99
83) tert-Butylbenzene	13.435	119	144937	17.561	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	172585	18.313	ug/l	99
85) sec-Butylbenzene	13.612	105	202139	18.266	ug/l	100
86) p-Isopropyltoluene	13.723	119	169934	18.733	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	93515	18.174	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	95478	18.728	ug/l	99
89) n-Butylbenzene	14.053	91	142030	18.887	ug/l	99
90) Hexachloroethane	14.329	117	27123	18.021	ug/l	100
91) 1,2-Dichlorobenzene	14.100	146	91080	18.610	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.712	75	11528	19.175	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	40153	19.437	ug/l	99
94) Hexachlorobutadiene	15.500	225	16467	19.212	ug/l	98
95) Naphthalene	15.635	128	135212	18.850	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	39579	19.564	ug/l	99

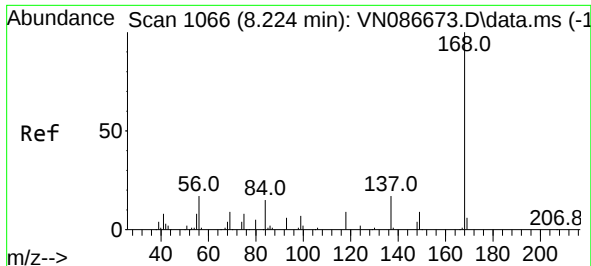
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Response via : Initial Calibration

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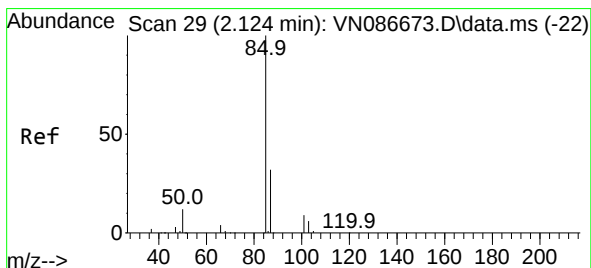
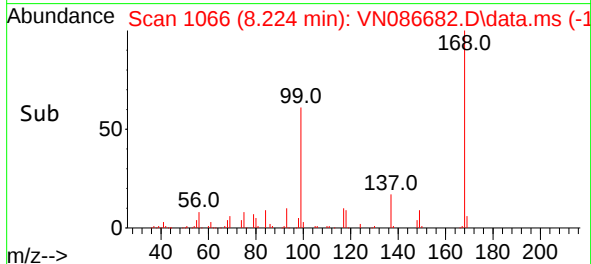
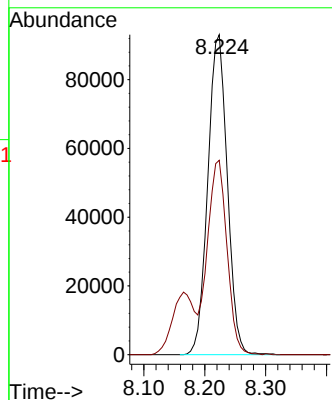
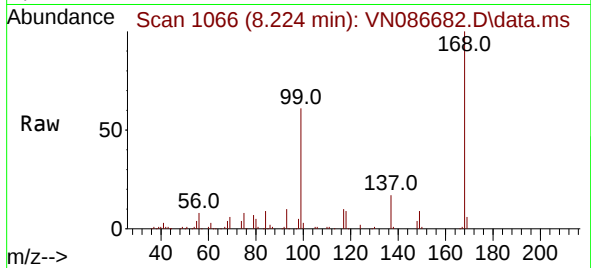
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086682.D
Acq: 19 May 2025 12:14

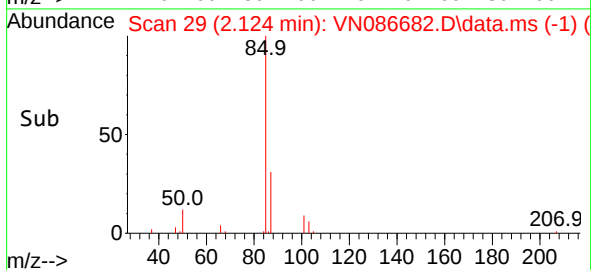
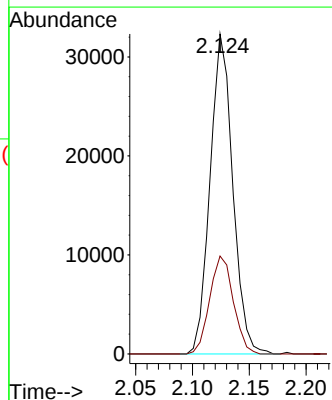
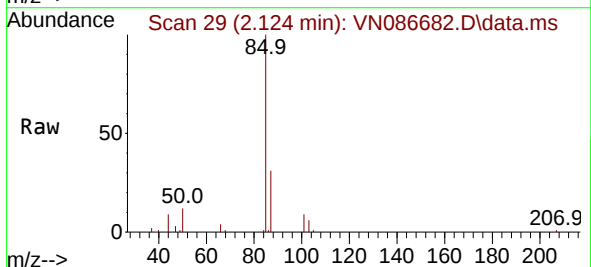
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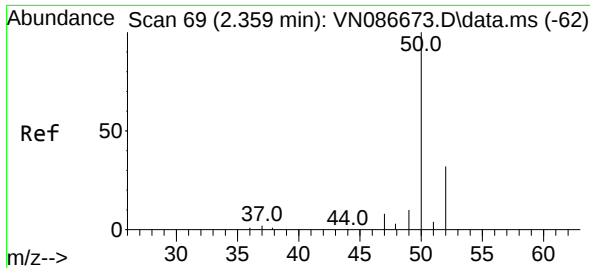
Tgt Ion:168 Resp: 207027
Ion Ratio Lower Upper
168 100
99 60.8 47.0 70.4



#2
Dichlorodifluoromethane
Concen: 20.077 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086682.D
Acq: 19 May 2025 12:14

Tgt Ion: 85 Resp: 44888
Ion Ratio Lower Upper
85 100
87 30.6 15.9 47.6

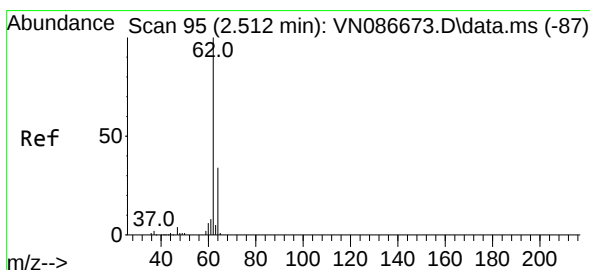
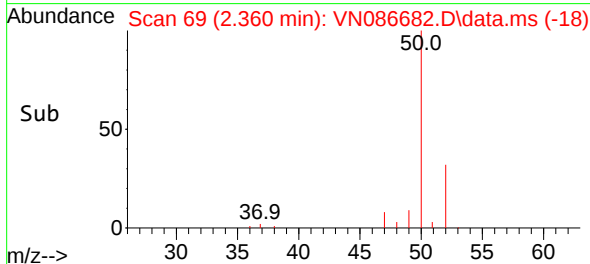
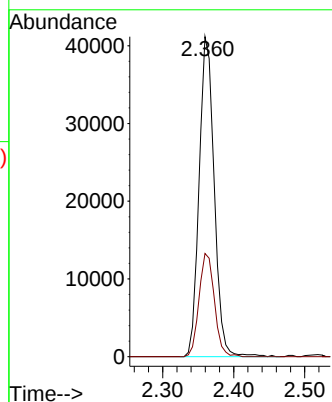
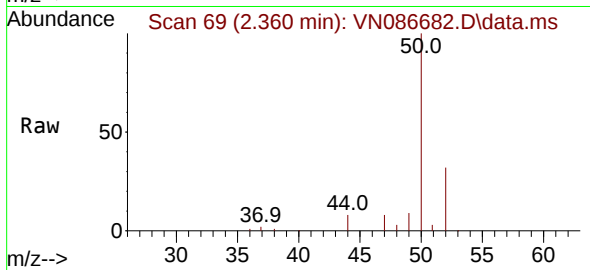




#3
 Chloromethane
 Concen: 18.036 ug/l
 RT: 2.360 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VN086682.D
 Acq: 19 May 2025 12:14

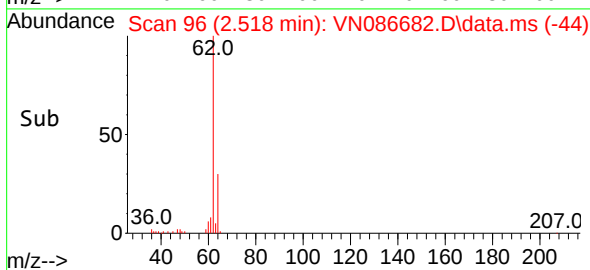
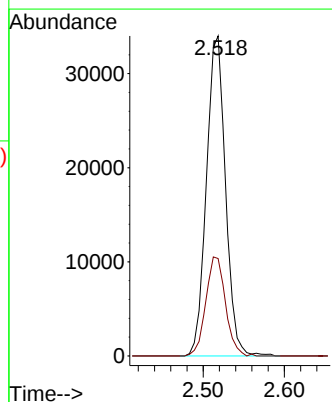
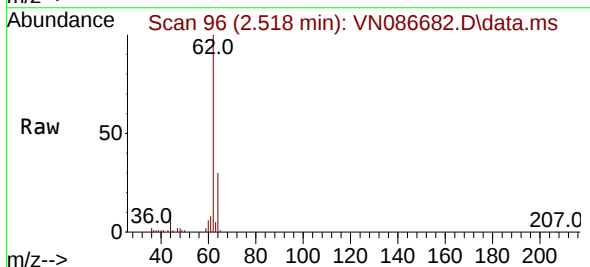
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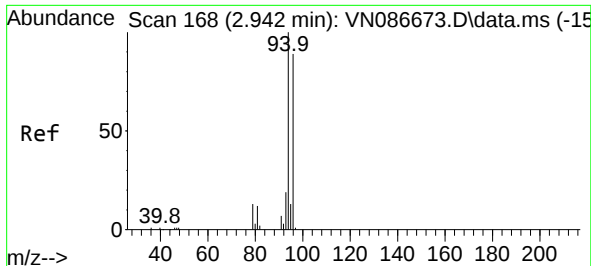
Tgt Ion: 50 Resp: 60991
 Ion Ratio Lower Upper
 50 100
 52 32.3 25.9 38.9



#4
 Vinyl Chloride
 Concen: 18.260 ug/l
 RT: 2.518 min Scan# 96
 Delta R.T. 0.006 min
 Lab File: VN086682.D
 Acq: 19 May 2025 12:14

Tgt Ion: 62 Resp: 55454
 Ion Ratio Lower Upper
 62 100
 64 30.5 26.9 40.3

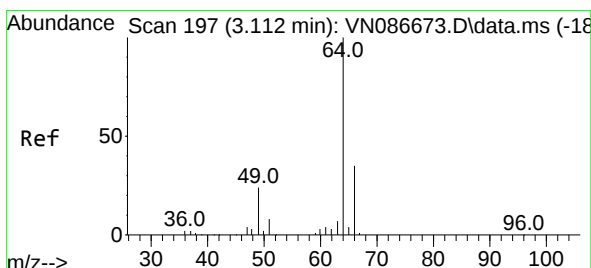
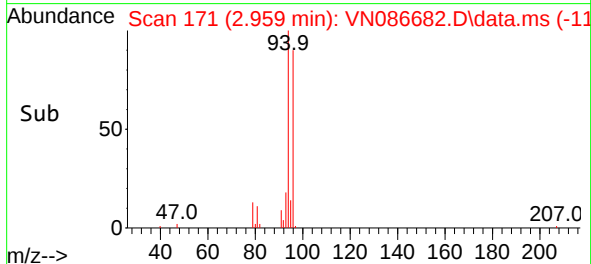
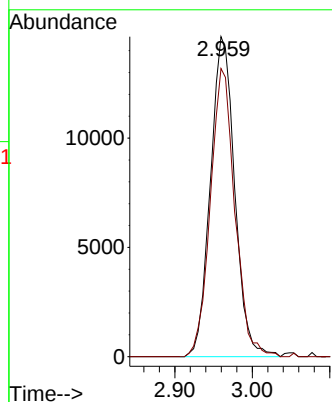
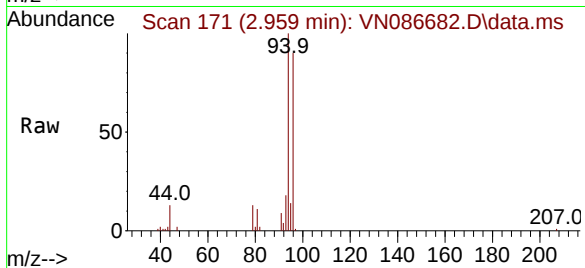




#5
Bromomethane
Concen: 18.232 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN086682.D
Acq: 19 May 2025 12:14

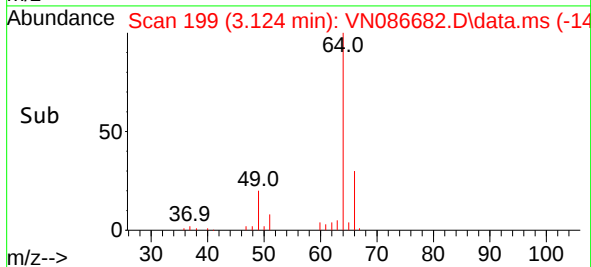
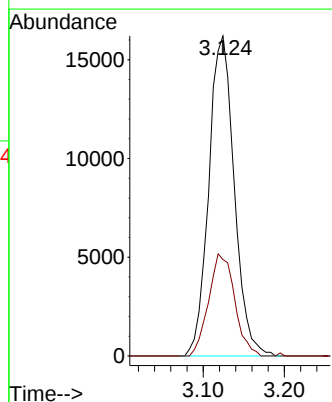
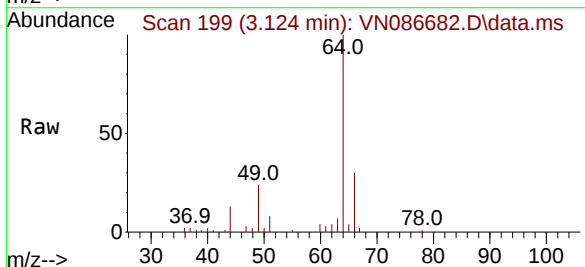
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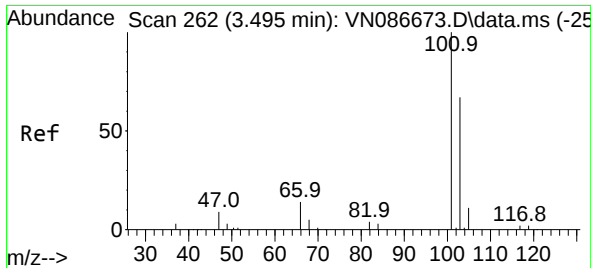
Tgt Ion: 94 Resp: 31920
Ion Ratio Lower Upper
94 100
96 90.1 71.2 106.8



#6
Chloroethane
Concen: 17.750 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.012 min
Lab File: VN086682.D
Acq: 19 May 2025 12:14

Tgt Ion: 64 Resp: 35314
Ion Ratio Lower Upper
64 100
66 30.1 27.7 41.5

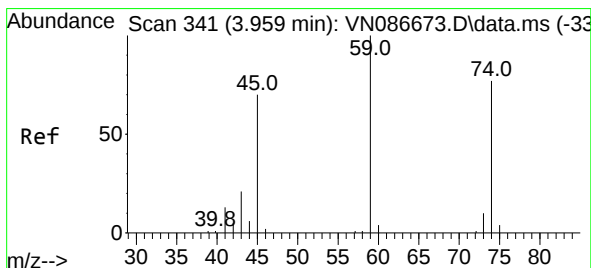
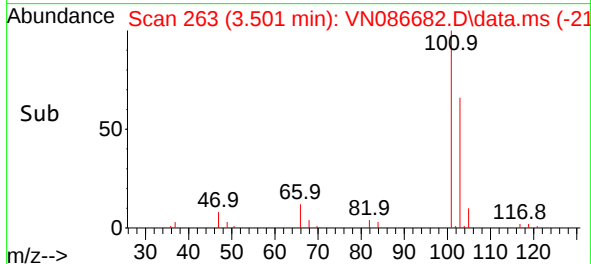
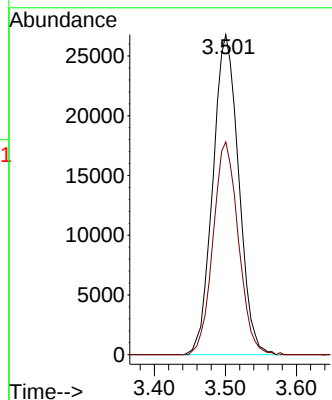
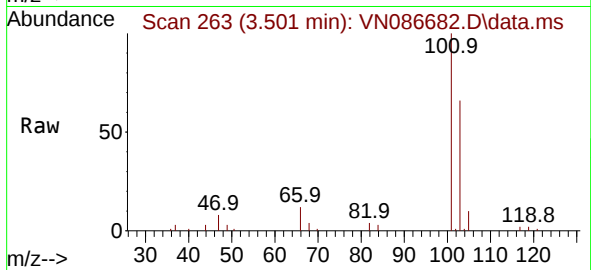




#7
Trichlorofluoromethane
Concen: 18.617 ug/l
RT: 3.501 min Scan# 210
Delta R.T. 0.006 min
Lab File: VN086682.D
Acq: 19 May 2025 12:14

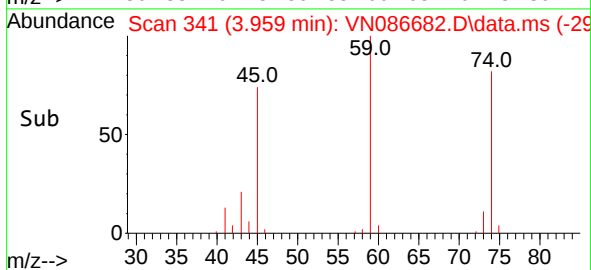
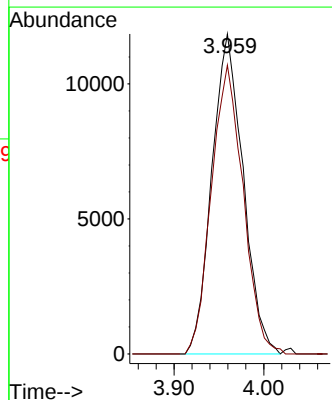
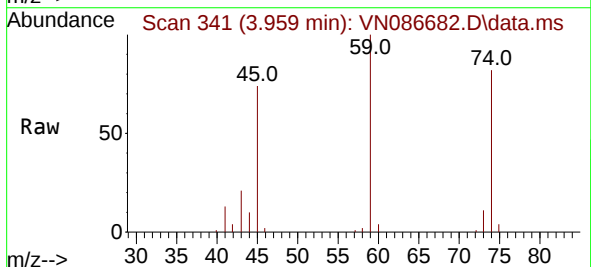
Instrument :
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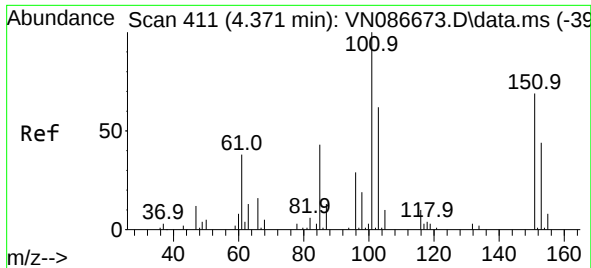
Tgt Ion:101 Resp: 67567
Ion Ratio Lower Upper
101 100
103 66.5 53.4 80.0



#8
Diethyl Ether
Concen: 19.095 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN086682.D
Acq: 19 May 2025 12:14

Tgt Ion: 74 Resp: 28629
Ion Ratio Lower Upper
74 100
45 91.7 45.0 135.0

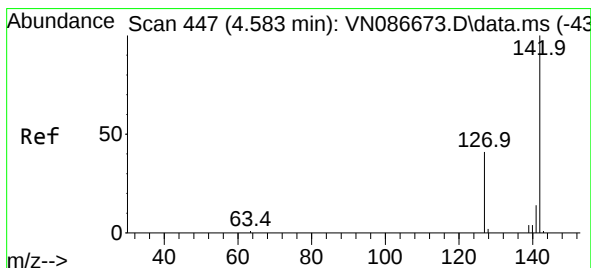
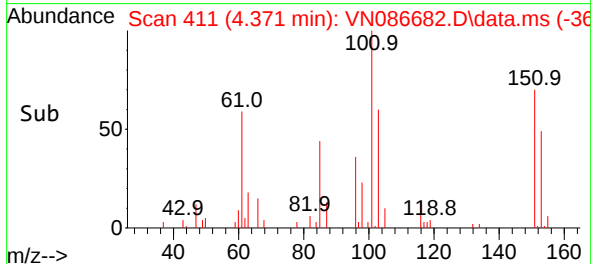
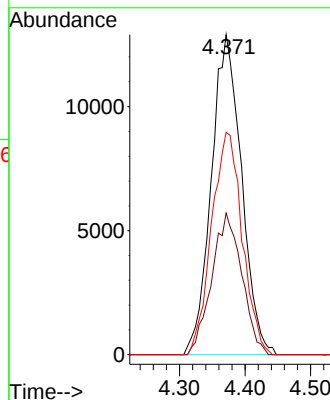
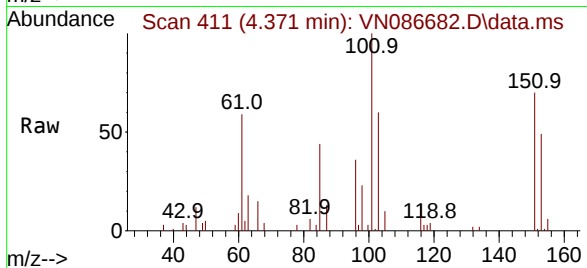




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.995 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. 0.000 min
 Lab File: VN086682.D
 Acq: 19 May 2025 12:14

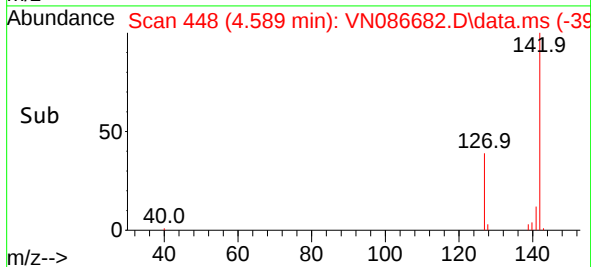
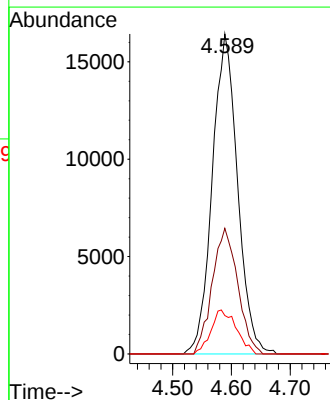
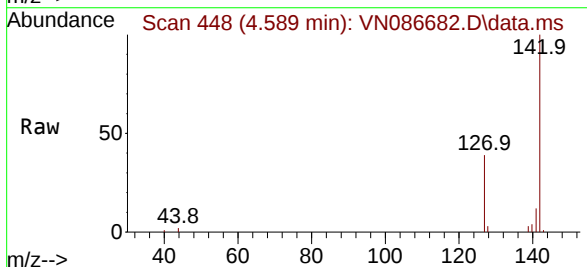
Instrument :
 MSVOA_N
 ClientSampleId :
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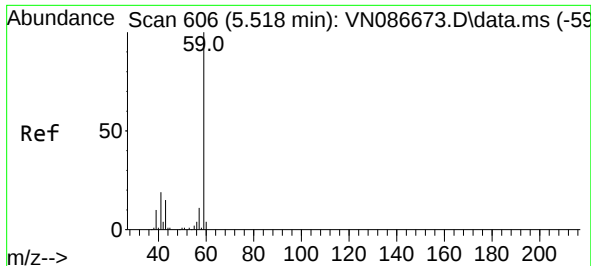
Tgt Ion:101 Resp: 41272
 Ion Ratio Lower Upper
 101 100
 85 44.1 35.0 52.6
 151 70.4 58.1 87.1



#10
 Methyl Iodide
 Concen: 18.140 ug/l
 RT: 4.589 min Scan# 448
 Delta R.T. 0.006 min
 Lab File: VN086682.D
 Acq: 19 May 2025 12:14

Tgt Ion:142 Resp: 49028
 Ion Ratio Lower Upper
 142 100
 127 39.2 32.4 48.6
 141 12.0 11.4 17.2





#11

Tert butyl alcohol

Concen: 90.073 ug/l

RT: 5.518 min Scan# 606

Delta R.T. 0.000 min

Lab File: VN086682.D

Acq: 19 May 2025 12:14

Instrument :

MSVOA_N

ClientSampleId :

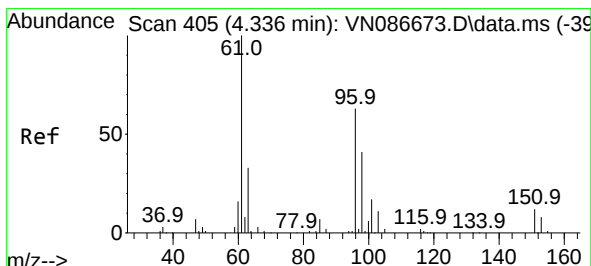
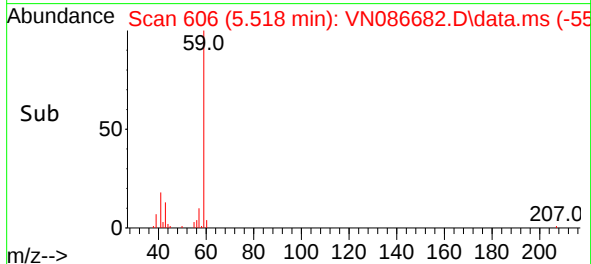
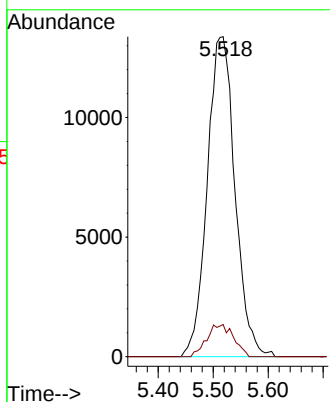
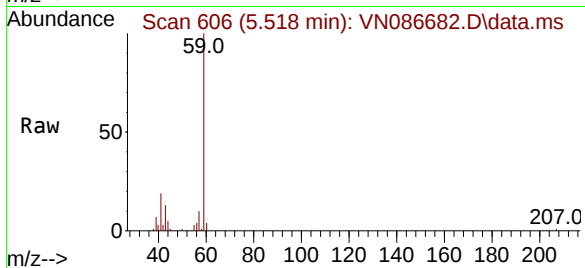
VN0519WBSD01

Tgt Ion: 59 Resp: 46929

Ion Ratio Lower Upper

59 100

57 9.7 8.2 12.2



#12

1,1-Dichloroethene

Concen: 18.162 ug/l

RT: 4.336 min Scan# 405

Delta R.T. 0.000 min

Lab File: VN086682.D

Acq: 19 May 2025 12:14

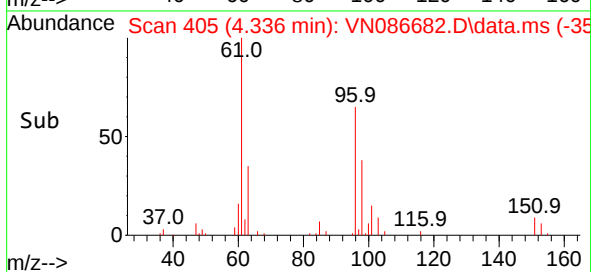
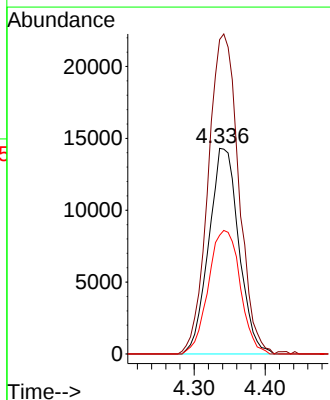
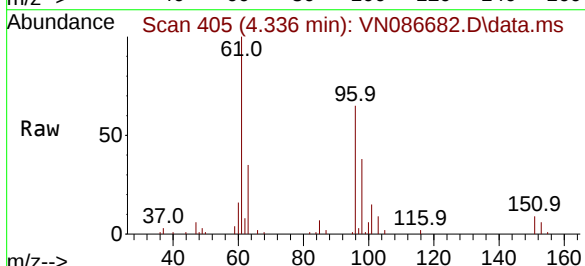
Tgt Ion: 96 Resp: 41938

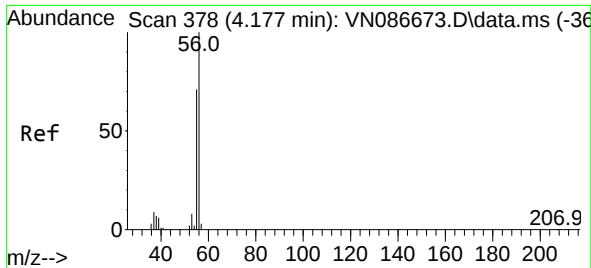
Ion Ratio Lower Upper

96 100

61 152.9 126.2 189.2

98 57.7 51.5 77.3

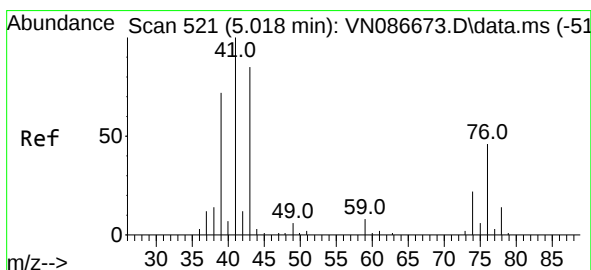
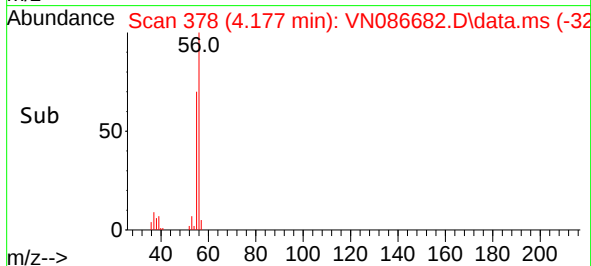
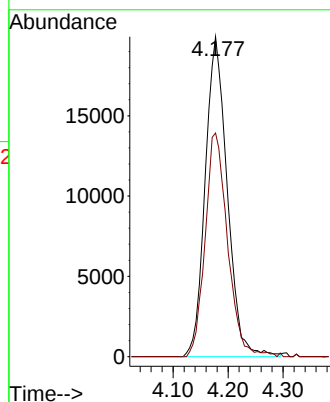
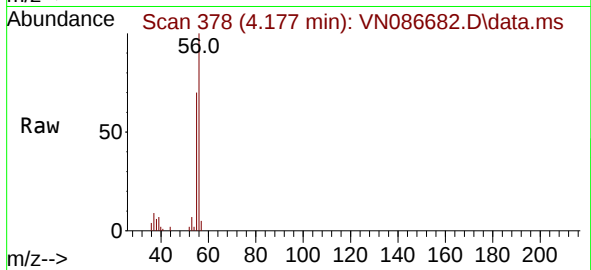




#13
Acrolein
Concen: 99.562 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN086682.D
Acq: 19 May 2025 12:14

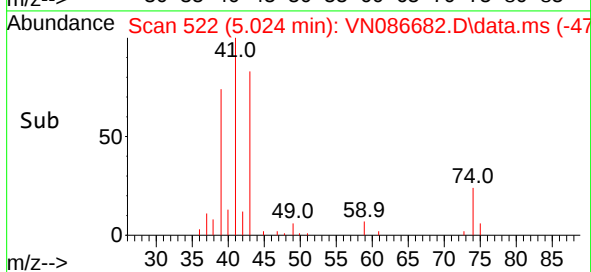
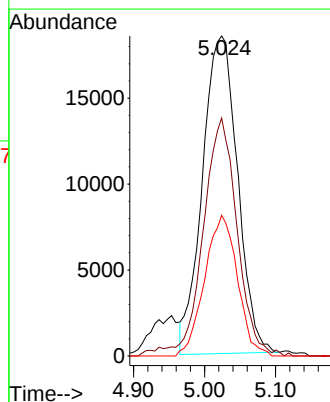
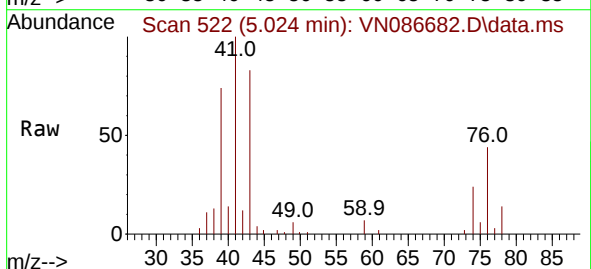
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01

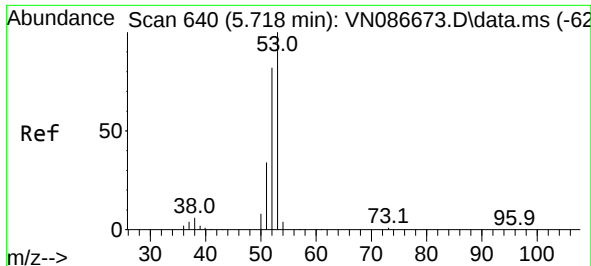
Tgt Ion: 56 Resp: 55453
Ion Ratio Lower Upper
56 100
55 71.2 55.7 83.5



#14
Allyl chloride
Concen: 18.197 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086682.D
Acq: 19 May 2025 12:14

Tgt Ion: 41 Resp: 63600
Ion Ratio Lower Upper
41 100
39 72.7 57.4 86.0
76 41.2 33.2 49.8

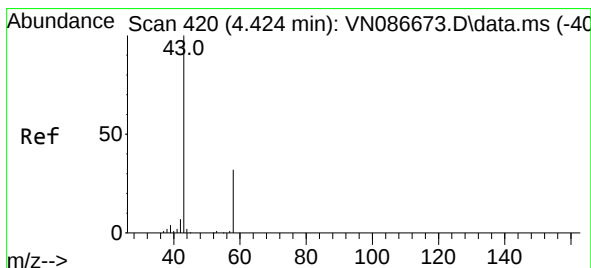
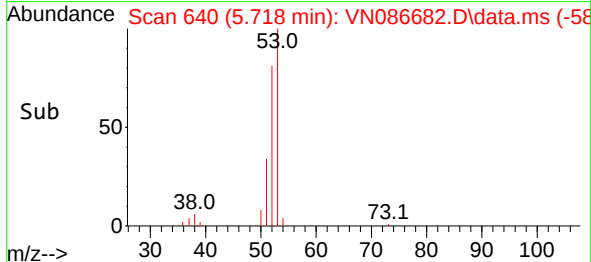
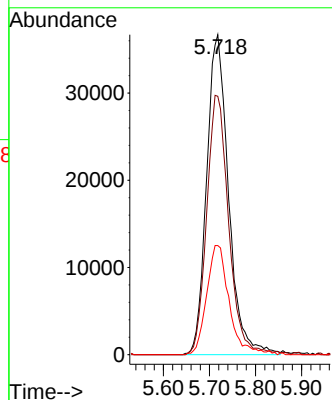
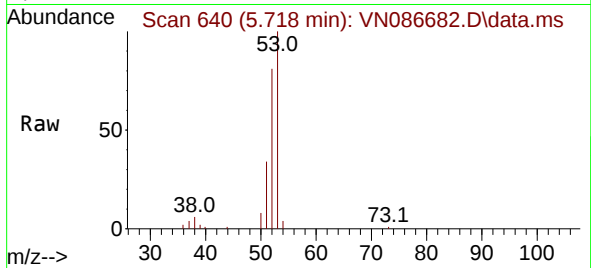




#15
Acrylonitrile
Concen: 94.134 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN086682.D
Acq: 19 May 2025 12:14

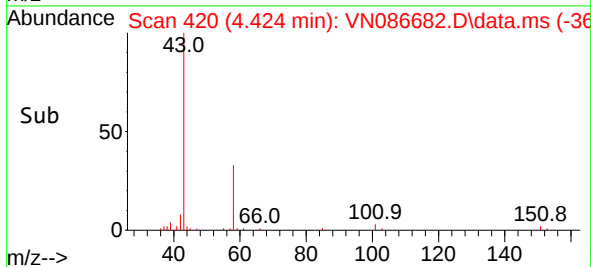
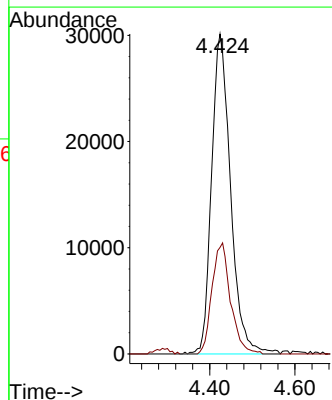
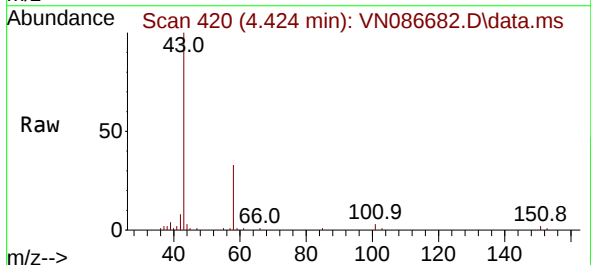
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01

Tgt Ion: 53 Resp: 121434
Ion Ratio Lower Upper
53 100
52 81.6 65.4 98.2
51 35.1 27.9 41.9



#16
Acetone
Concen: 87.100 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN086682.D
Acq: 19 May 2025 12:14

Tgt Ion: 43 Resp: 93206
Ion Ratio Lower Upper
43 100
58 33.3 25.8 38.6

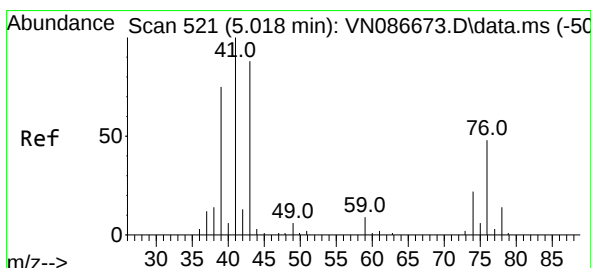
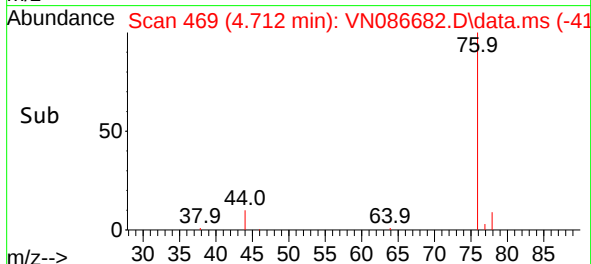
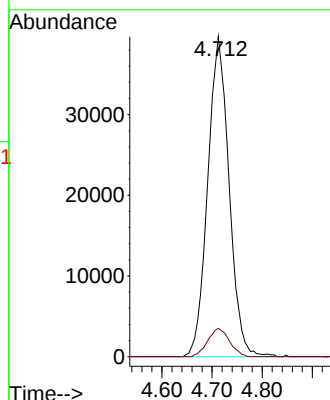
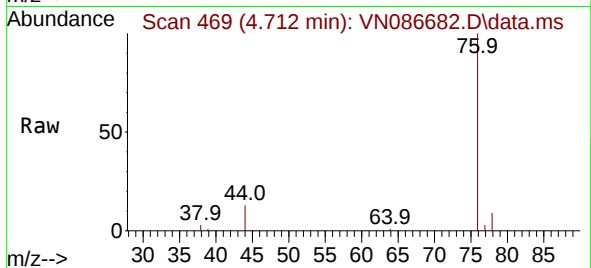




#17
Carbon Disulfide
Concen: 18.356 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN086682.D
Acq: 19 May 2025 12:14

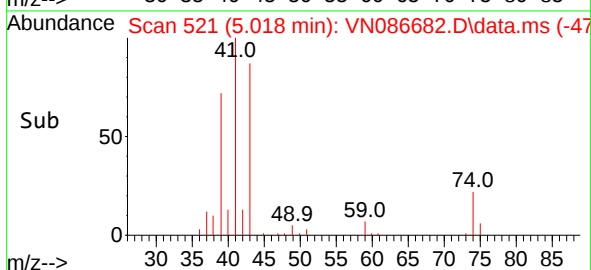
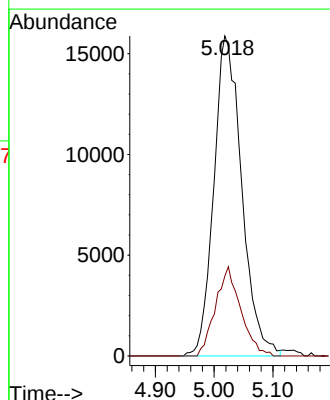
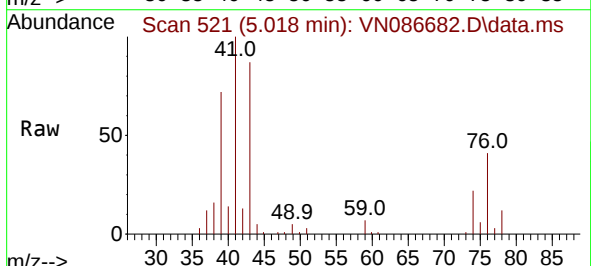
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01

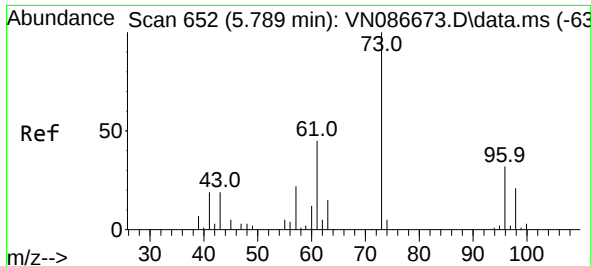
Tgt Ion: 76 Resp: 117351
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9



#18
Methyl Acetate
Concen: 17.439 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN086682.D
Acq: 19 May 2025 12:14

Tgt Ion: 43 Resp: 52232
Ion Ratio Lower Upper
43 100
74 25.3 20.5 30.7

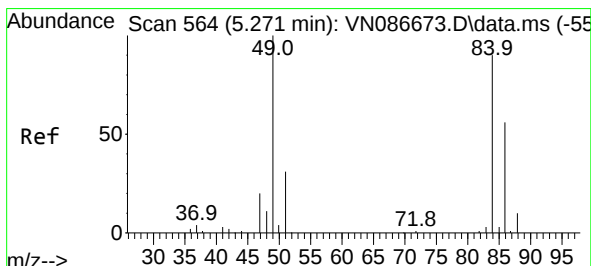
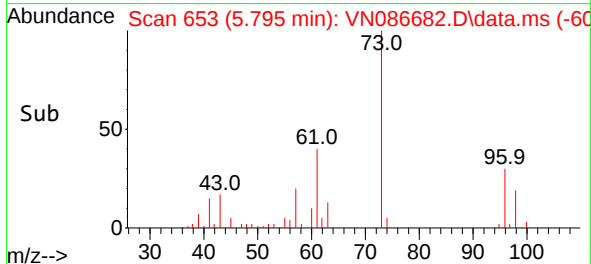
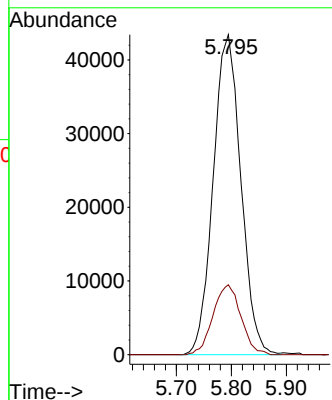
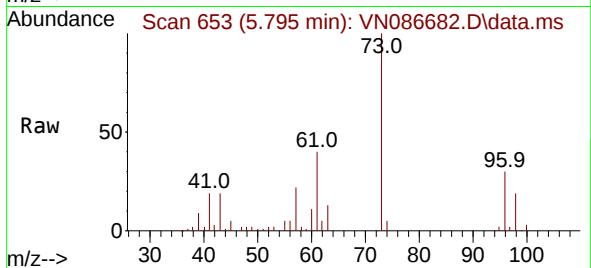




#19
Methyl tert-butyl Ether
Concen: 19.302 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086682.D
Acq: 19 May 2025 12:14

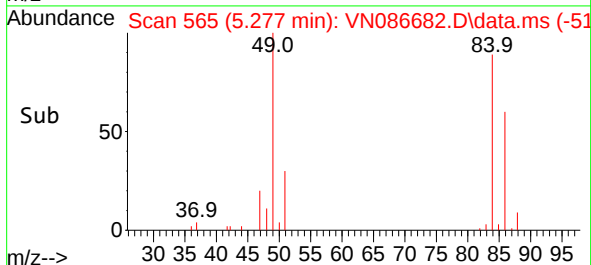
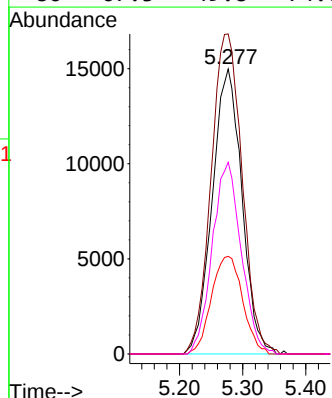
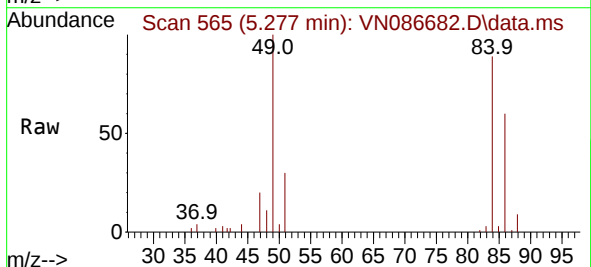
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01

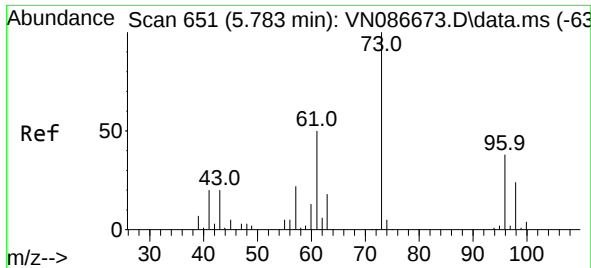
Tgt Ion: 73 Resp: 151762
Ion Ratio Lower Upper
73 100
57 21.9 17.7 26.5



#20
Methylene Chloride
Concen: 17.319 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086682.D
Acq: 19 May 2025 12:14

Tgt Ion: 84 Resp: 48908
Ion Ratio Lower Upper
84 100
49 112.3 88.8 133.2
51 34.3 27.8 41.6
86 67.3 49.8 74.6

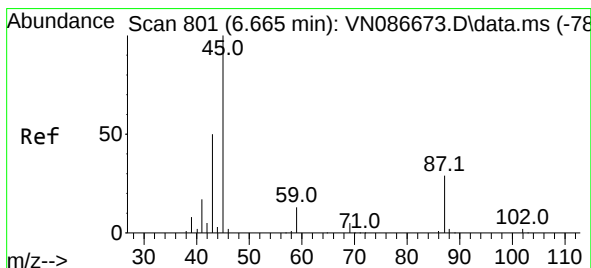
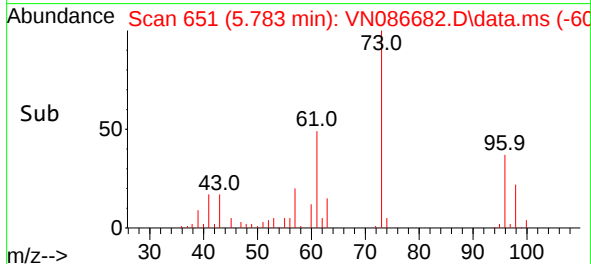
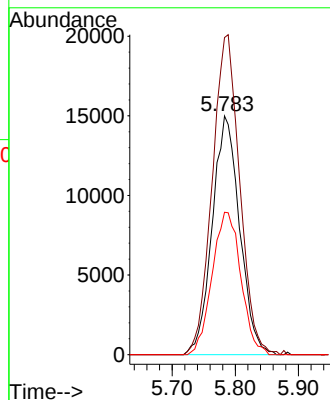
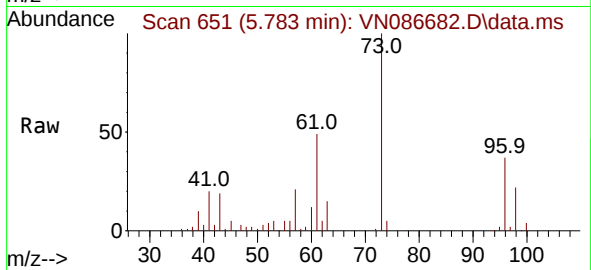




#21
trans-1,2-Dichloroethene
Concen: 18.517 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN086682.D
Acq: 19 May 2025 12:14

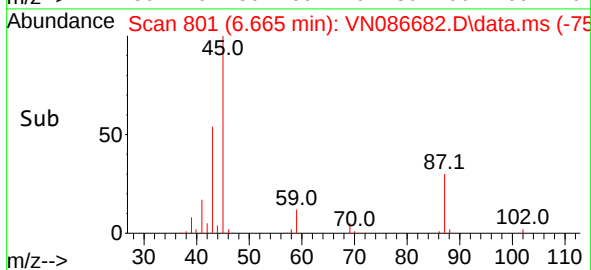
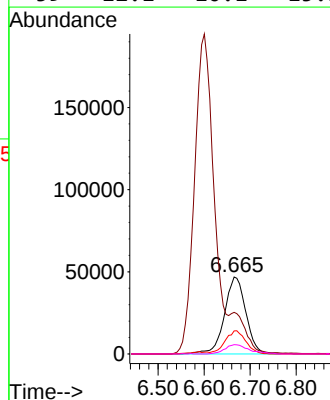
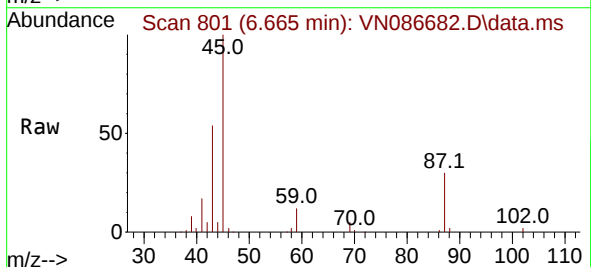
Instrument :
MSVOA_N
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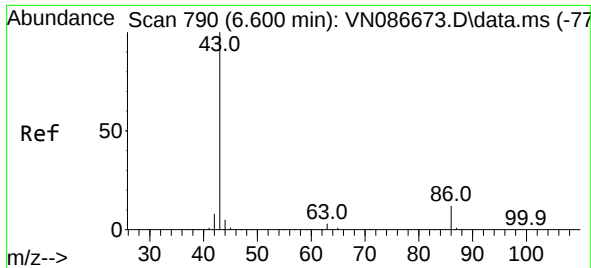
Tgt Ion: 96 Resp: 45206
Ion Ratio Lower Upper
96 100
61 132.9 105.7 158.5
98 59.7 51.0 76.6



#22
Diisopropyl ether
Concen: 19.080 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN086682.D
Acq: 19 May 2025 12:14

Tgt Ion: 45 Resp: 150447
Ion Ratio Lower Upper
45 100
43 52.8 41.4 62.2
87 30.1 22.9 34.3
59 12.1 10.1 15.1

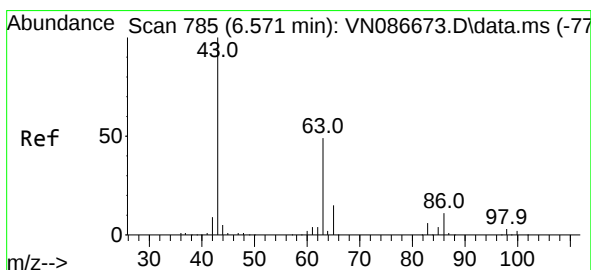
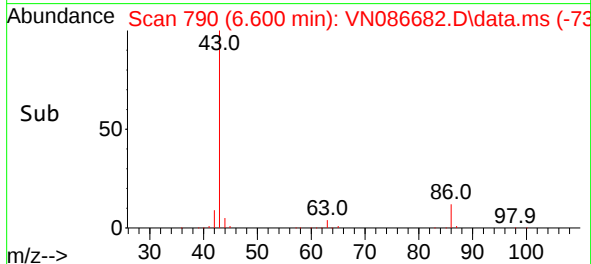
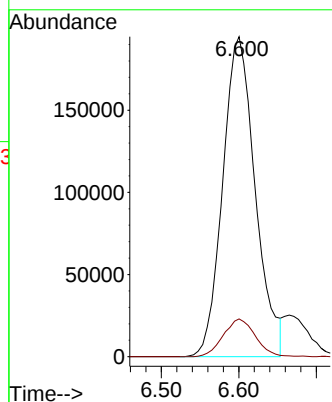
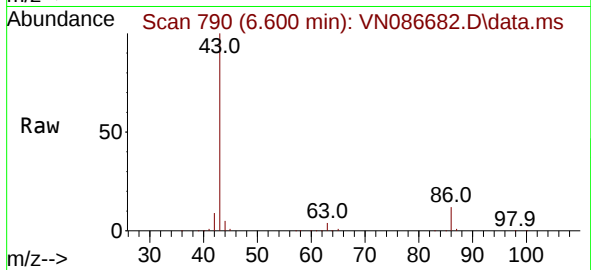




#23
 Vinyl Acetate
 Concen: 95.991 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN086682.D
 Acq: 19 May 2025 12:14

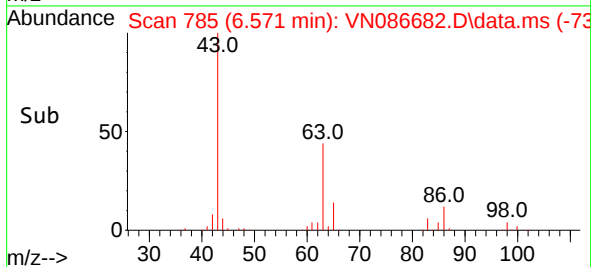
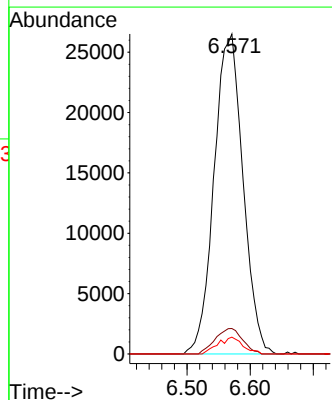
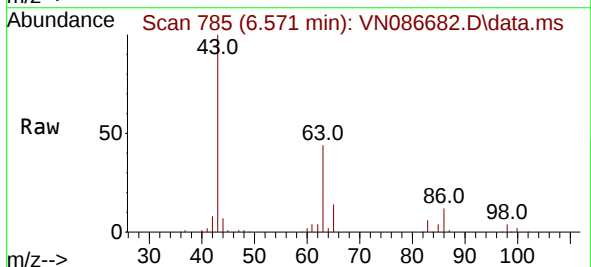
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 VN0519WBSD01

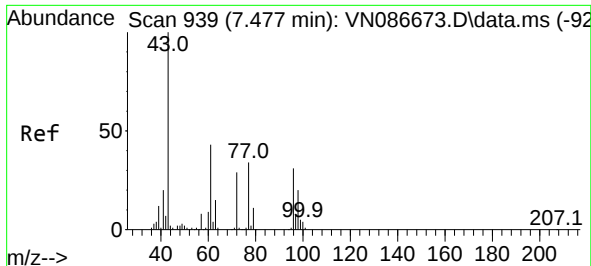
Tgt Ion: 43 Resp: 568857
 Ion Ratio Lower Upper
 43 100
 86 11.8 9.5 14.3



#24
 1,1-Dichloroethane
 Concen: 18.191 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN086682.D
 Acq: 19 May 2025 12:14

Tgt Ion: 63 Resp: 84213
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.4 10.2
 100 5.3 2.4 7.1

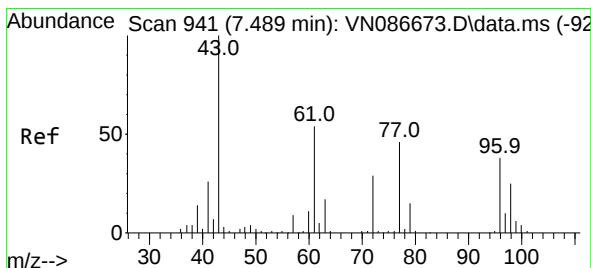
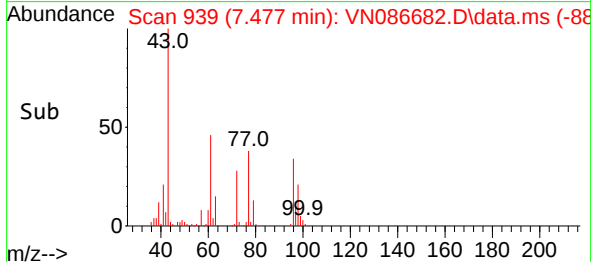
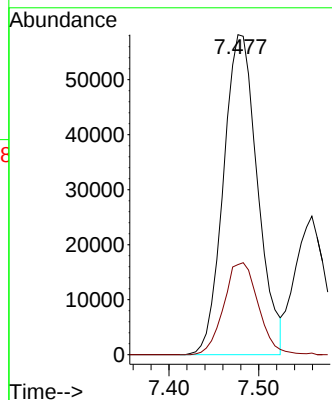
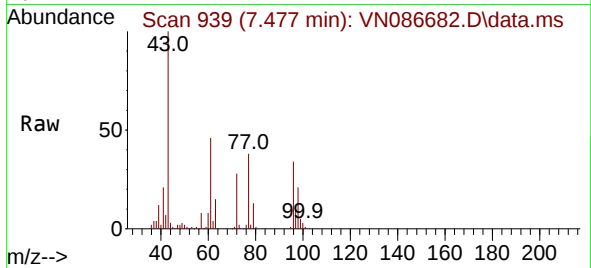




#25
2-Butanone
Concen: 92.959 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN086682.D
Acq: 19 May 2025 12:14

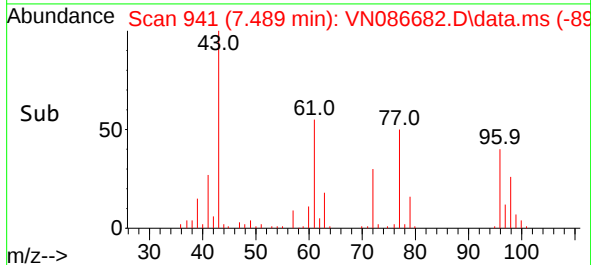
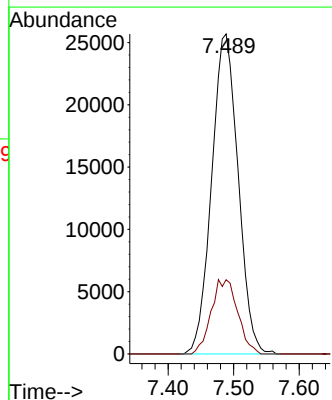
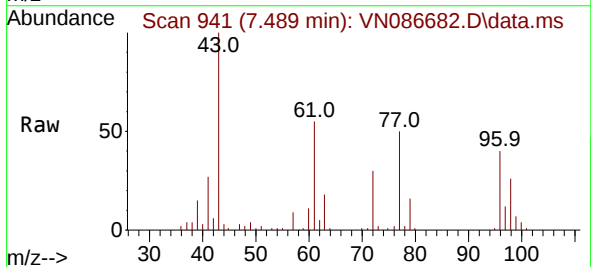
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01

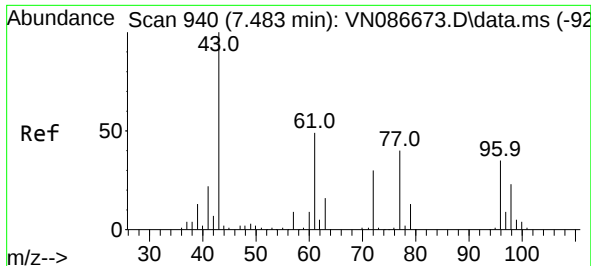
Tgt Ion: 43 Resp: 153717
Ion Ratio Lower Upper
43 100
72 28.2 23.1 34.7



#26
2,2-Dichloropropane
Concen: 18.842 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN086682.D
Acq: 19 May 2025 12:14

Tgt Ion: 77 Resp: 71985
Ion Ratio Lower Upper
77 100
97 23.3 11.6 34.7

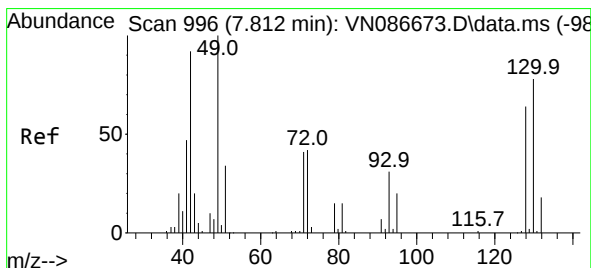
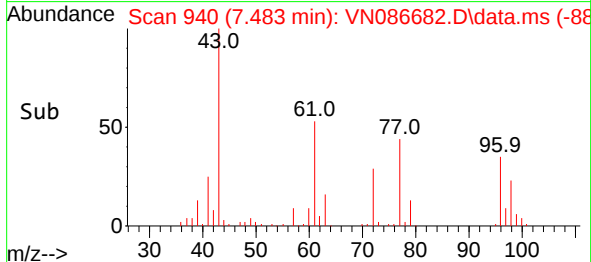
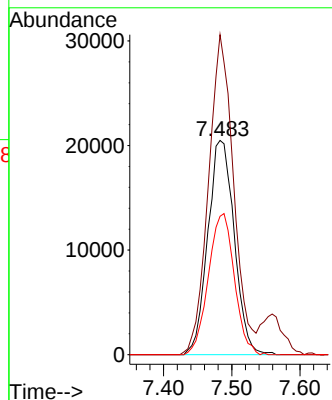
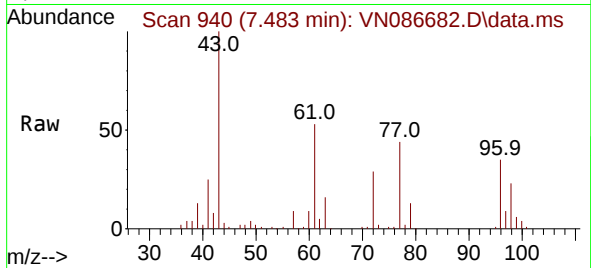




#27
 cis-1,2-Dichloroethene
 Concen: 18.439 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN086682.D
 Acq: 19 May 2025 12:14

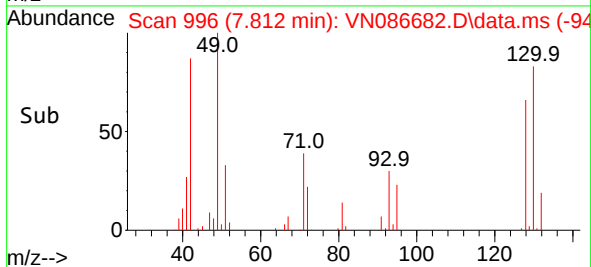
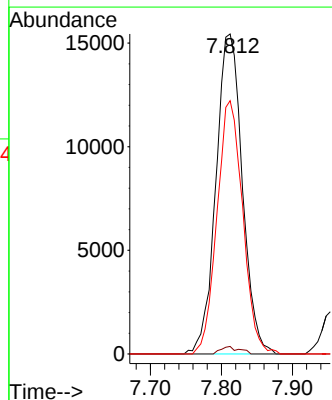
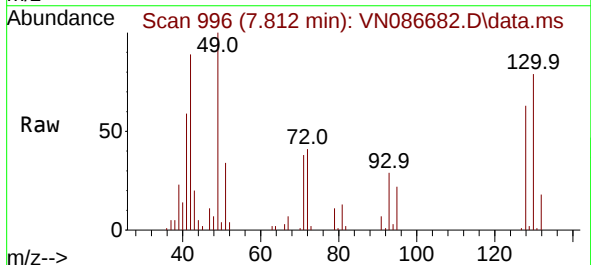
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0519WBSD01

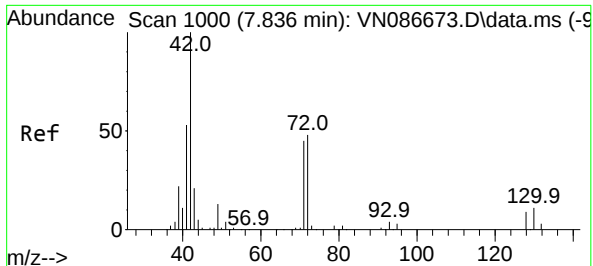
Tgt Ion: 96 Resp: 55257
 Ion Ratio Lower Upper
 96 100
 61 142.2 0.0 277.4
 98 64.7 0.0 129.6



#28
 Bromochloromethane
 Concen: 18.945 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN086682.D
 Acq: 19 May 2025 12:14

Tgt Ion: 49 Resp: 39848
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.8
 130 77.1 62.2 93.4





#29

Tetrahydrofuran

Concen: 96.309 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN086682.D

Acq: 19 May 2025 12:14

Instrument :

MSVOA_N

ClientSampleId :

VN0519WBSD01

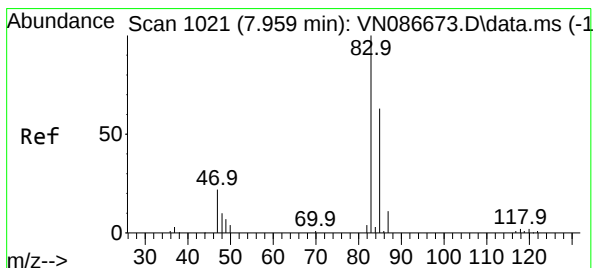
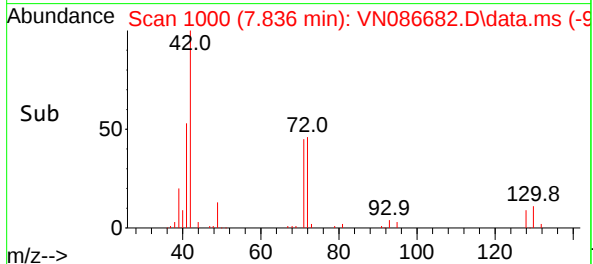
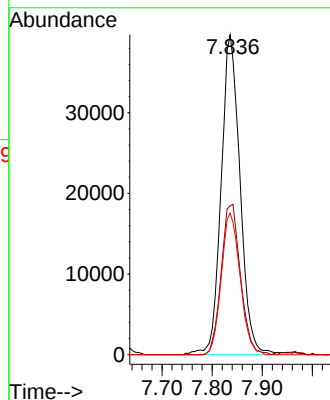
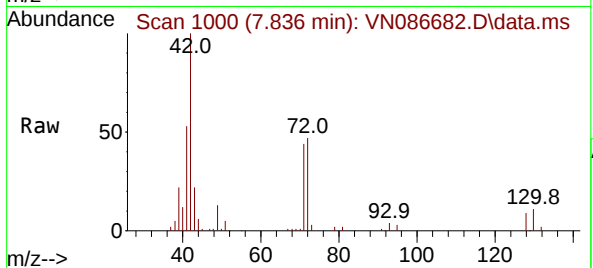
Tgt Ion: 42 Resp: 103950

Ion Ratio Lower Upper

42 100

72 47.8 38.7 58.1

71 44.0 36.2 54.4



#30

Chloroform

Concen: 18.327 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN086682.D

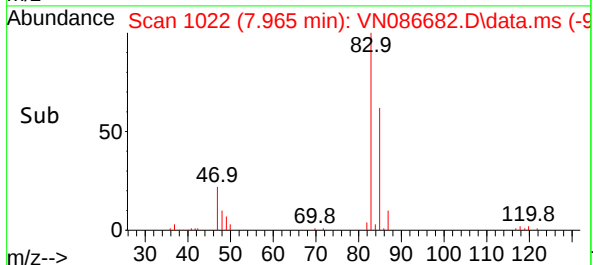
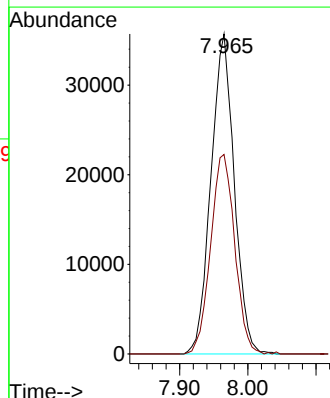
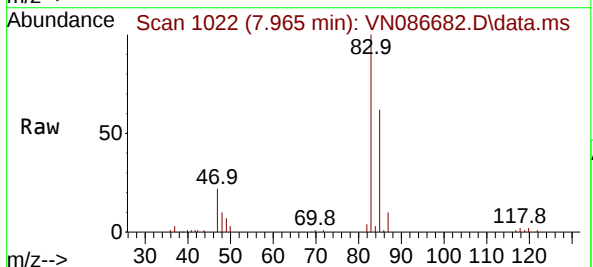
Acq: 19 May 2025 12:14

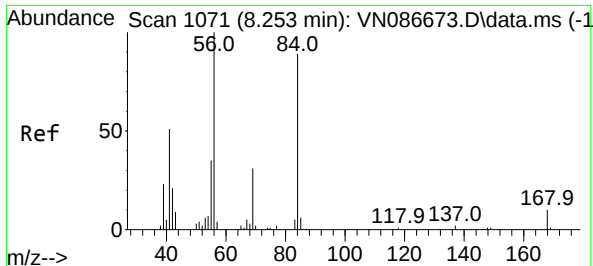
Tgt Ion: 83 Resp: 84922

Ion Ratio Lower Upper

83 100

85 62.3 50.2 75.4

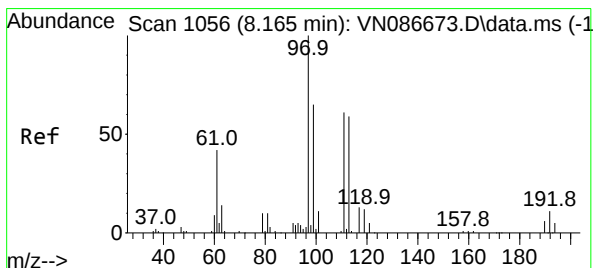
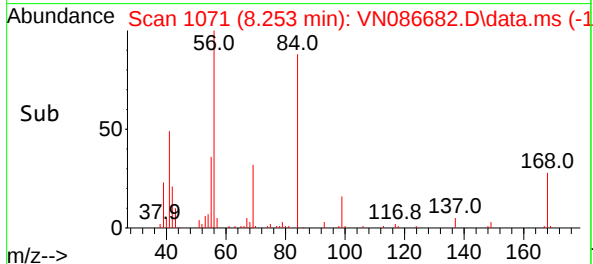
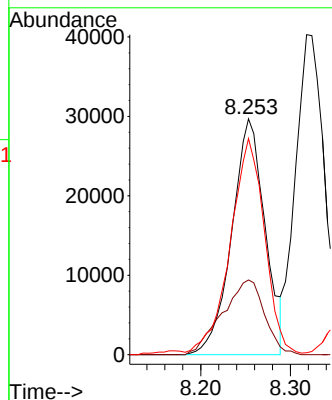
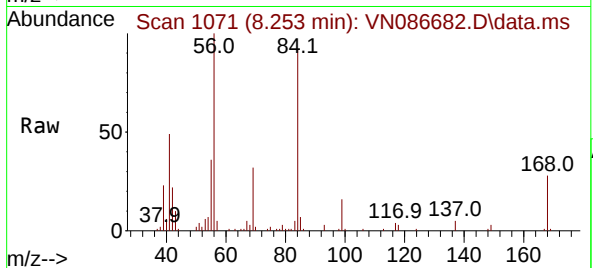




#31
Cyclohexane
Concen: 17.790 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN086682.D
Acq: 19 May 2025 12:14

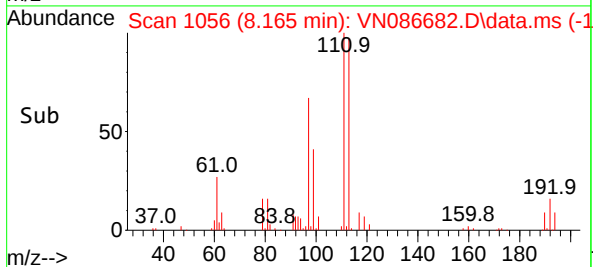
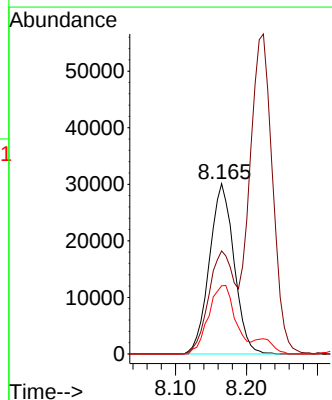
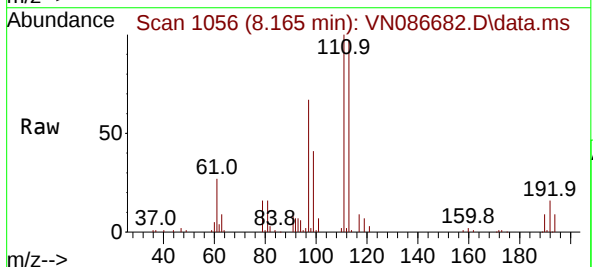
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01

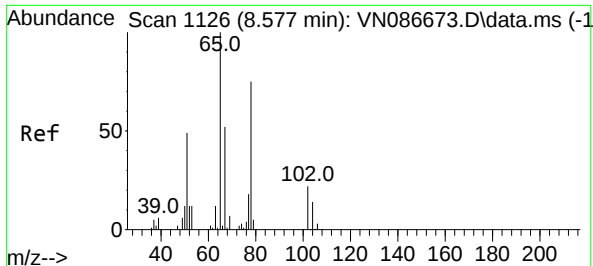
Tgt Ion: 56 Resp: 76381
Ion Ratio Lower Upper
56 100
69 31.7 25.0 37.6
84 90.2 71.0 106.4



#32
1,1,1-Trichloroethane
Concen: 18.528 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086682.D
Acq: 19 May 2025 12:14

Tgt Ion: 97 Resp: 72382
Ion Ratio Lower Upper
97 100
99 64.1 52.6 79.0
61 44.2 37.7 56.5





#33

1,2-Dichloroethane-d4

Concen: 48.452 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN086682.D

Acq: 19 May 2025 12:14

Instrument :

MSVOA_N

ClientSampleId :

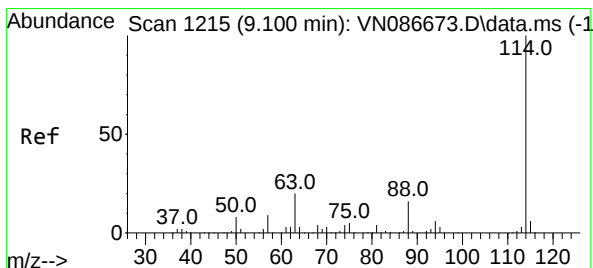
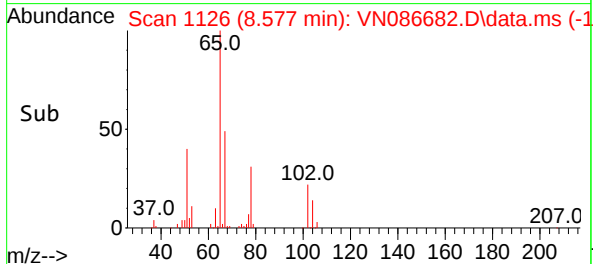
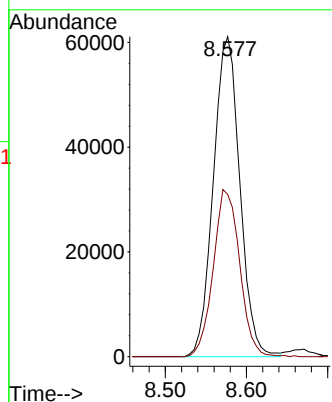
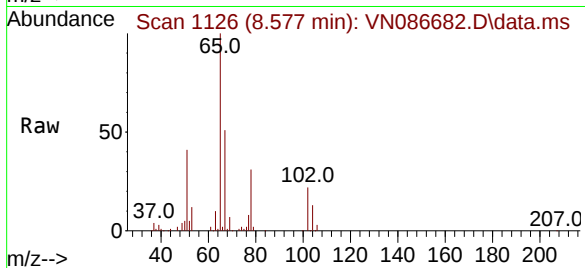
VN0519WBSD01

Tgt Ion: 65 Resp: 138607

Ion Ratio Lower Upper

65 100

67 52.1 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: VN086682.D

Acq: 19 May 2025 12:14

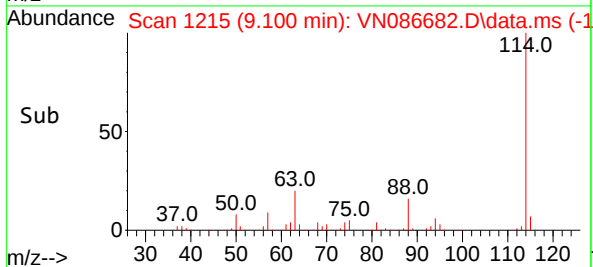
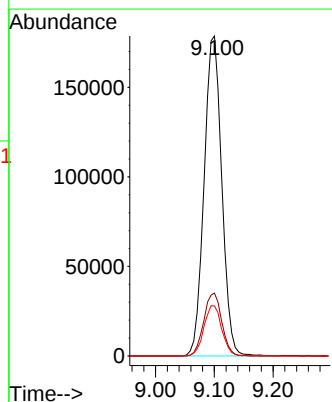
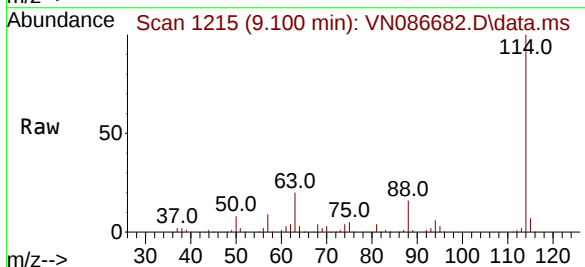
Tgt Ion: 114 Resp: 373687

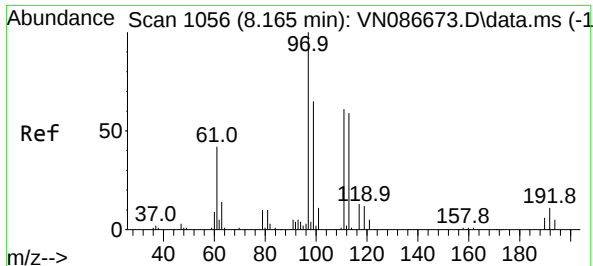
Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.2

88 15.7 0.0 31.2





#35

Dibromofluoromethane

Concen: 47.918 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN086682.D

Acq: 19 May 2025 12:14

Instrument :

MSVOA_N

ClientSampleId :

VN0519WBSD01

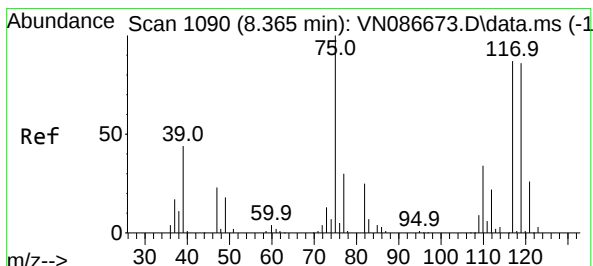
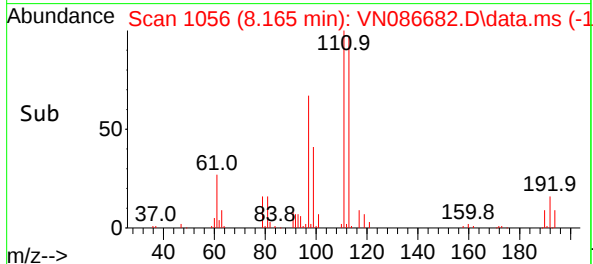
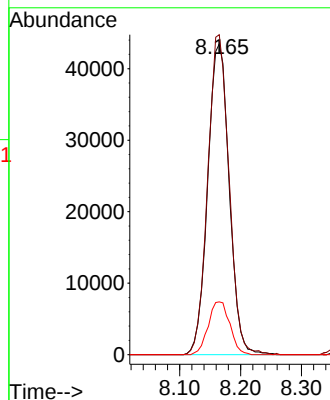
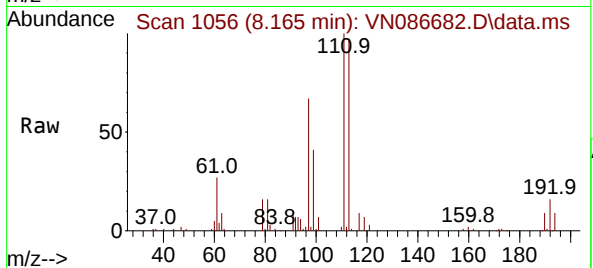
Tgt Ion:113 Resp: 106639

Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.2

192 17.1 13.8 20.8



#36

1,1-Dichloropropene

Concen: 18.557 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VN086682.D

Acq: 19 May 2025 12:14

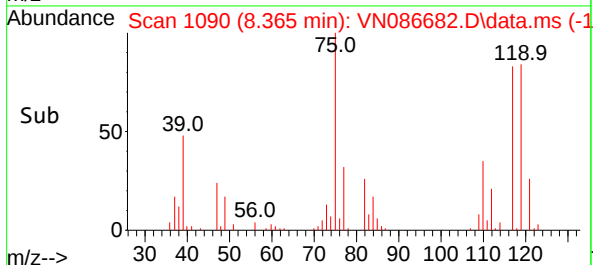
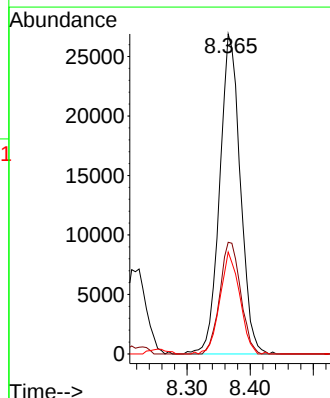
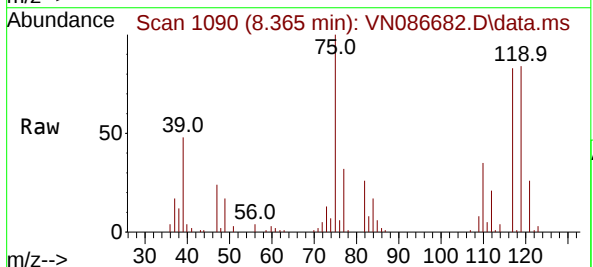
Tgt Ion: 75 Resp: 60916

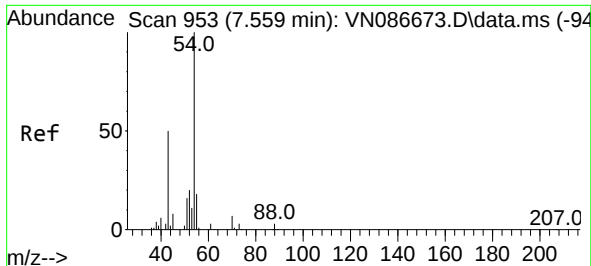
Ion Ratio Lower Upper

75 100

110 35.3 17.5 52.5

77 30.5 25.1 37.7

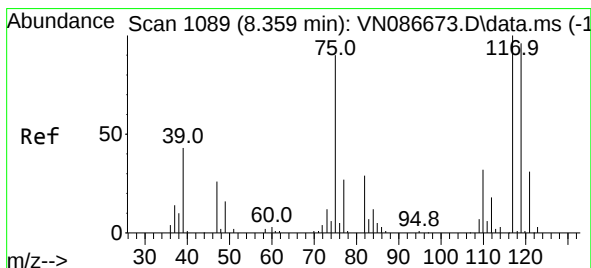
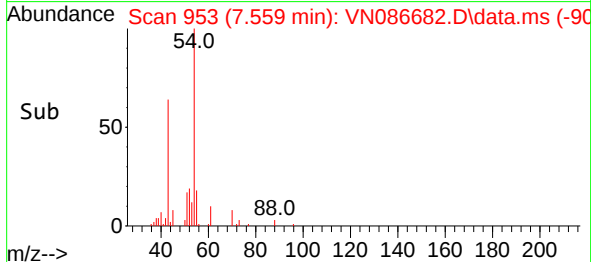
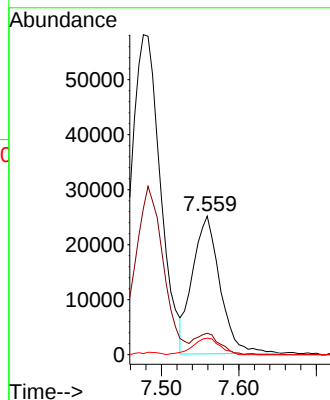
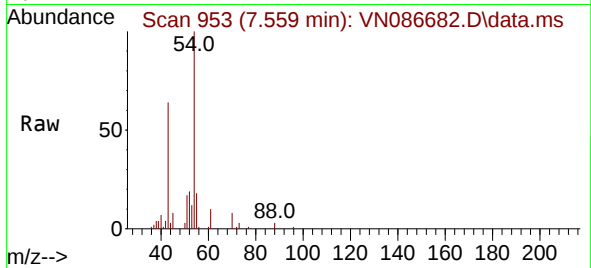




#37
Ethyl Acetate
Concen: 18.599 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN086682.D
Acq: 19 May 2025 12:14

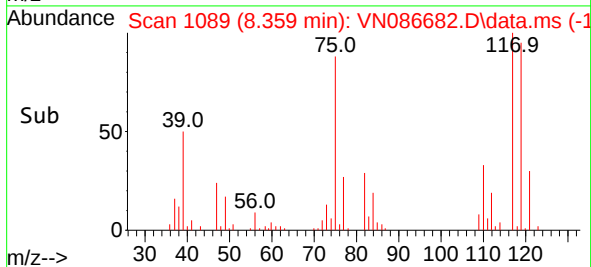
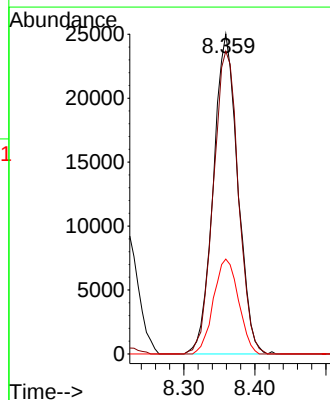
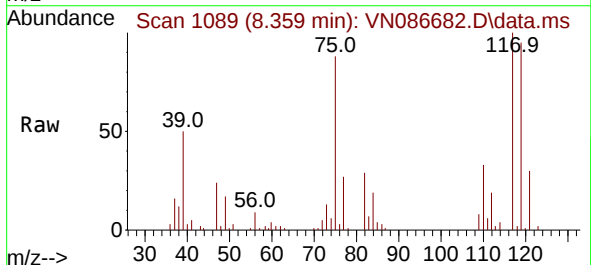
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01

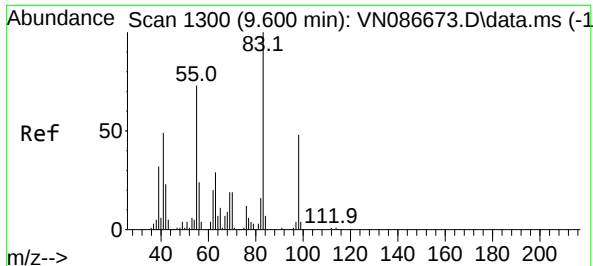
Tgt Ion: 43 Resp: 61674
Ion Ratio Lower Upper
43 100
61 14.0 11.6 17.4
70 11.7 9.4 14.0



#38
Carbon Tetrachloride
Concen: 18.426 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN086682.D
Acq: 19 May 2025 12:14

Tgt Ion: 117 Resp: 59595
Ion Ratio Lower Upper
117 100
119 94.6 77.0 115.6
121 29.7 25.0 37.6





#39

Methylcyclohexane

Concen: 19.457 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN086682.D

Acq: 19 May 2025 12:14

Instrument :

MSVOA_N

ClientSampleId :

VN0519WBSD01

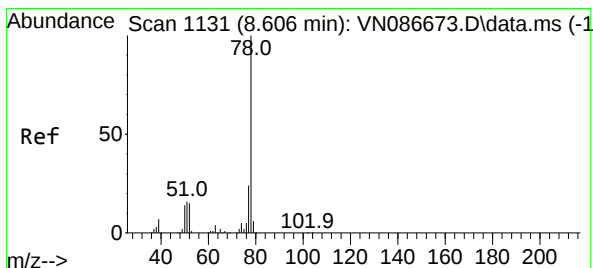
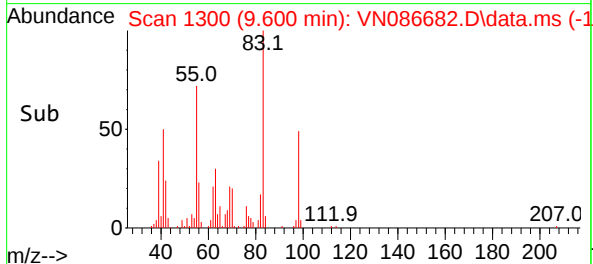
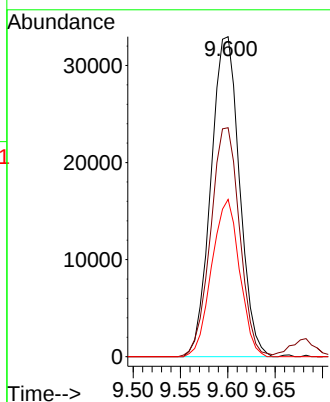
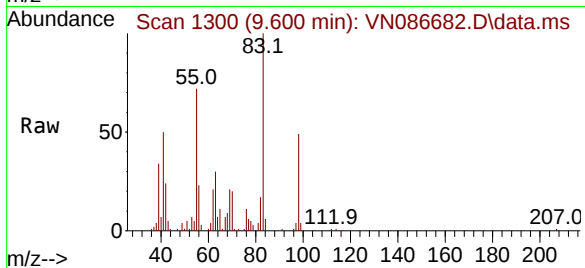
Tgt Ion: 83 Resp: 69129

Ion Ratio Lower Upper

83 100

55 71.6 58.2 87.4

98 49.1 38.4 57.6



#40

Benzene

Concen: 18.836 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN086682.D

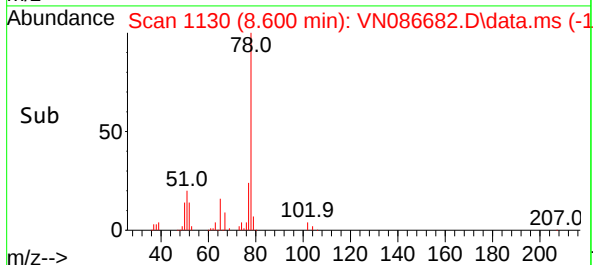
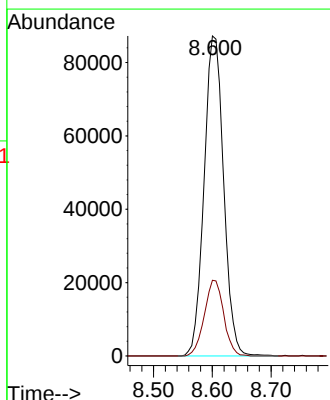
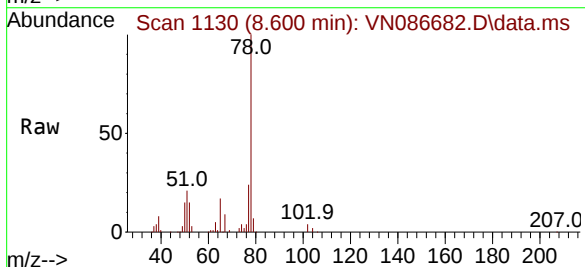
Acq: 19 May 2025 12:14

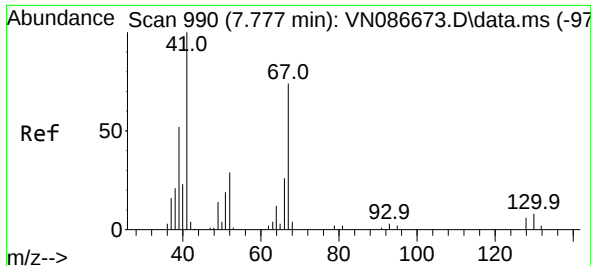
Tgt Ion: 78 Resp: 201707

Ion Ratio Lower Upper

78 100

77 23.6 19.1 28.7

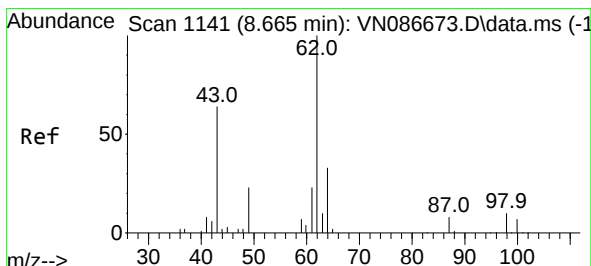
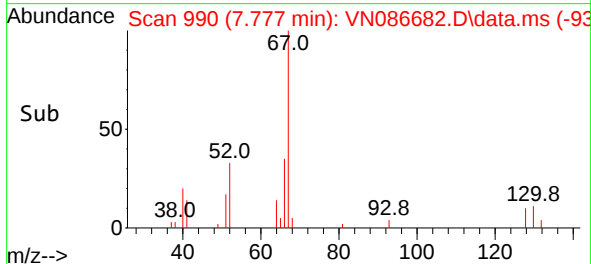
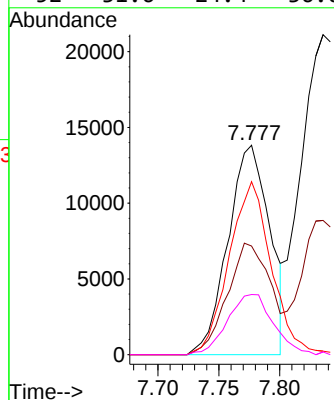
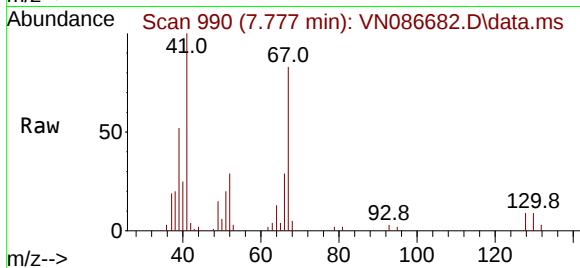




#41
Methacrylonitrile
Concen: 18.450 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN086682.D
Acq: 19 May 2025 12:14

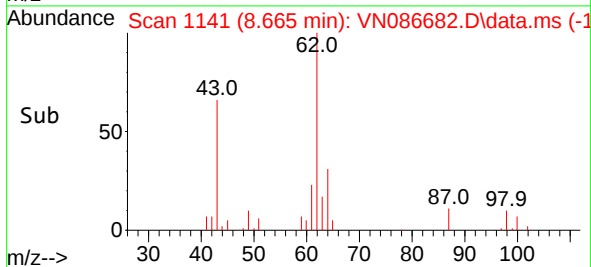
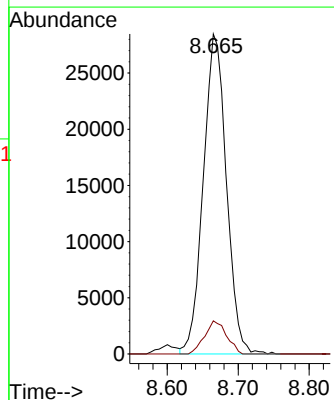
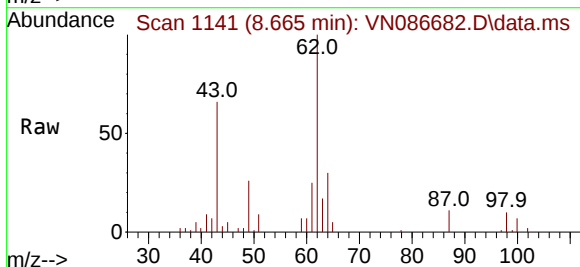
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01

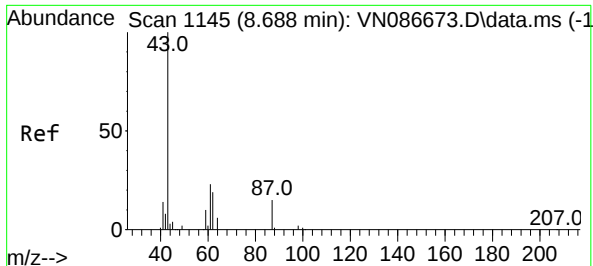
Tgt Ion:	41	Resp:	33032
Ion	Ratio	Lower	Upper
41	100		
39	54.2	44.9	67.3
67	83.4	63.4	95.0
52	31.6	24.4	36.6



#42
1,2-Dichloroethane
Concen: 19.309 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN086682.D
Acq: 19 May 2025 12:14

Tgt Ion:	62	Resp:	64419
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.2

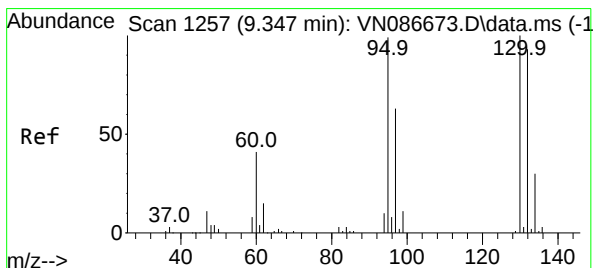
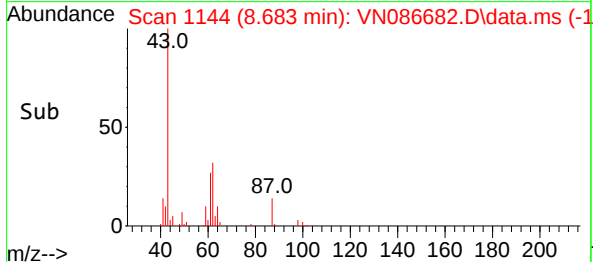
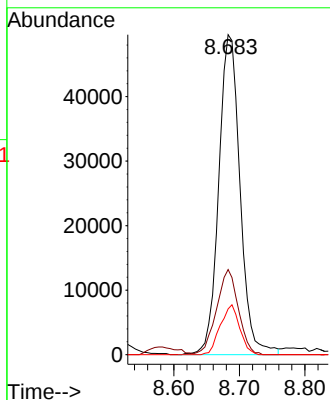
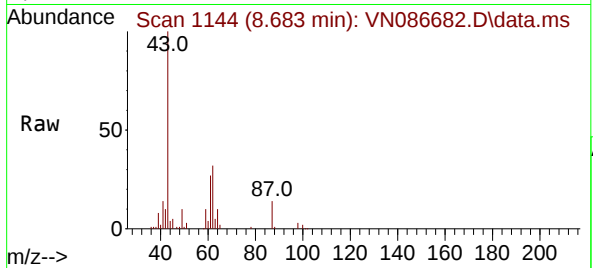




#43
Isopropyl Acetate
Concen: 16.840 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN086682.D
Acq: 19 May 2025 12:14

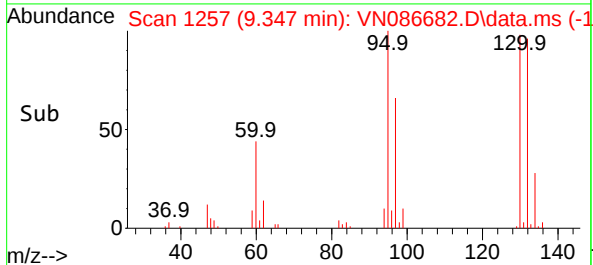
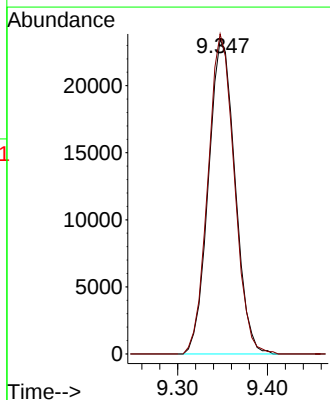
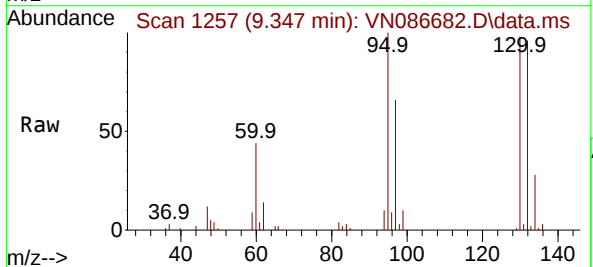
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01

Tgt Ion: 43 Resp: 111943
Ion Ratio Lower Upper
43 100
61 27.1 21.4 32.2
87 14.1 11.1 16.7



#44
Trichloroethene
Concen: 18.669 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN086682.D
Acq: 19 May 2025 12:14

Tgt Ion:130 Resp: 48218
Ion Ratio Lower Upper
130 100
95 101.7 0.0 197.0





#45

1,2-Dichloropropane

Concen: 18.758 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN086682.D

Acq: 19 May 2025 12:14

Instrument :

MSVOA_N

ClientSampleId :

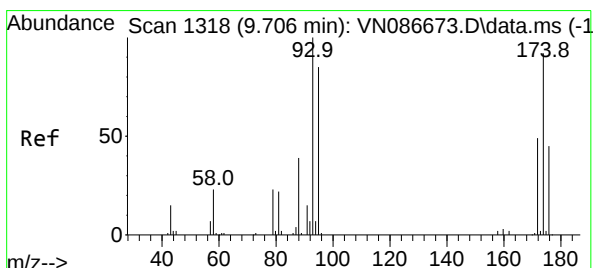
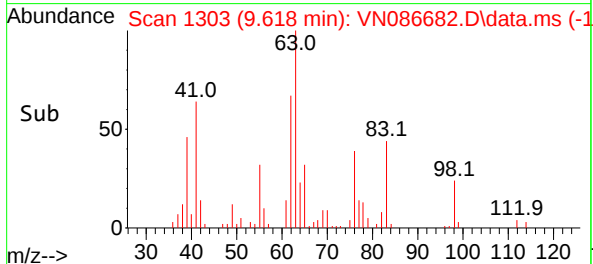
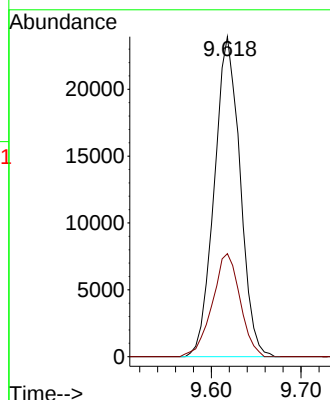
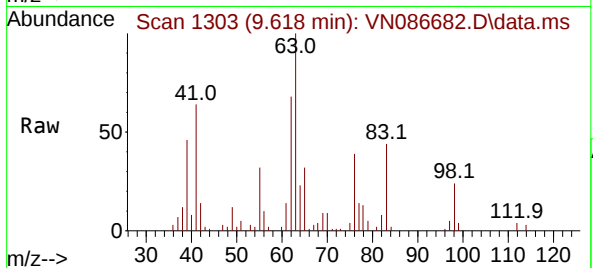
VN0519WBSD01

Tgt Ion: 63 Resp: 47717

Ion Ratio Lower Upper

63 100

65 32.2 25.8 38.6



#46

Dibromomethane

Concen: 18.994 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN086682.D

Acq: 19 May 2025 12:14

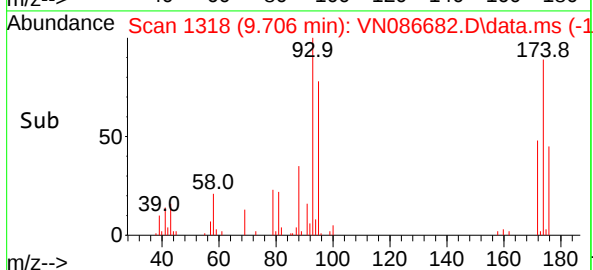
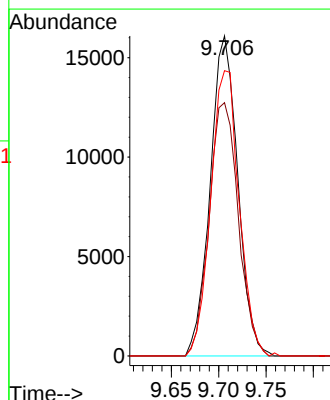
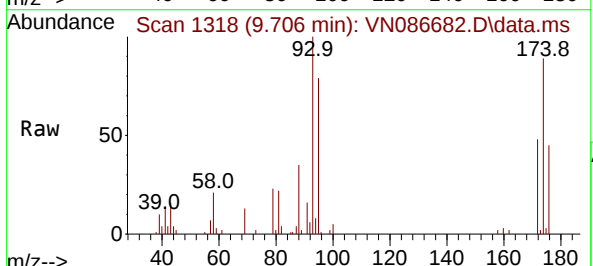
Tgt Ion: 93 Resp: 32603

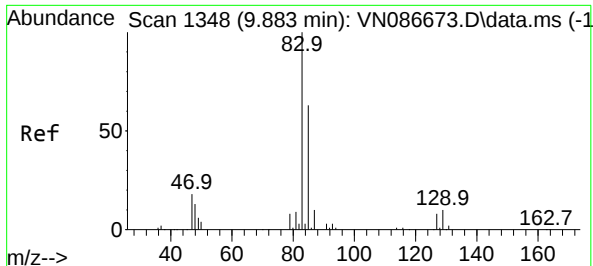
Ion Ratio Lower Upper

93 100

95 83.7 67.1 100.7

174 92.0 73.8 110.6

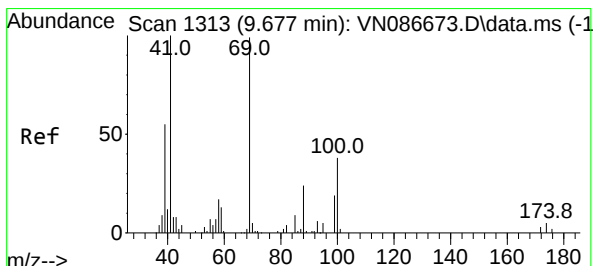
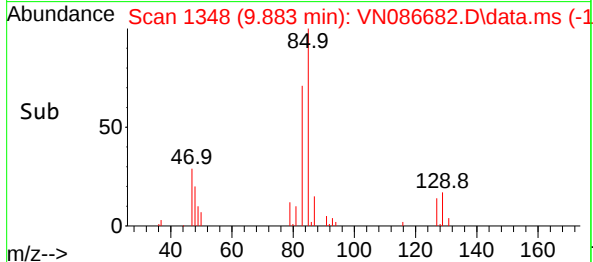
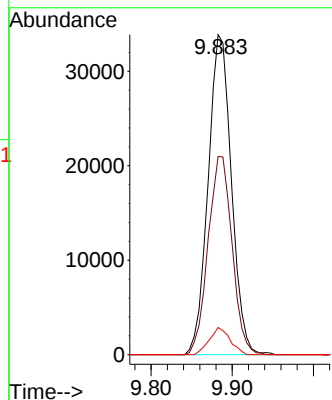
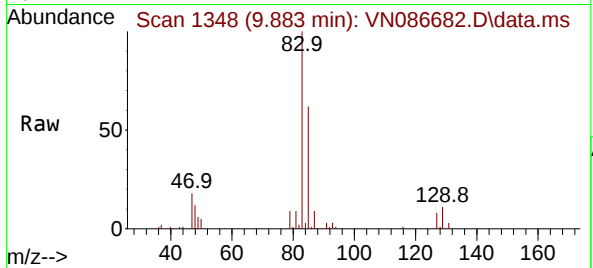




#47
Bromodichloromethane
Concen: 19.115 ug/l
RT: 9.883 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN086682.D
Acq: 19 May 2025 12:14

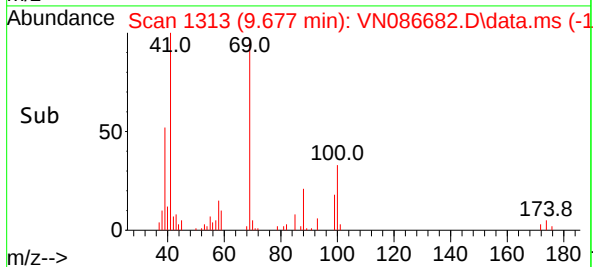
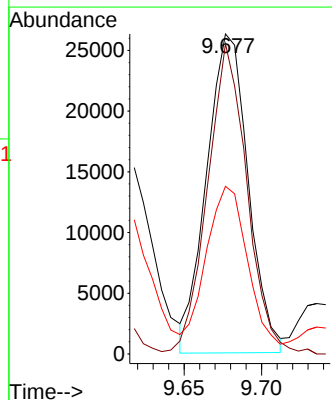
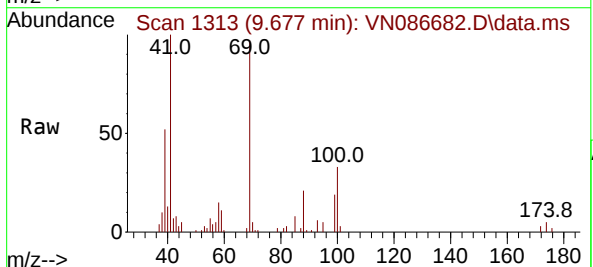
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01

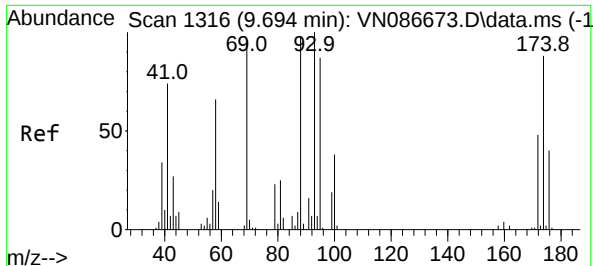
Tgt Ion: 83 Resp: 67606
Ion Ratio Lower Upper
83 100
85 61.9 50.1 75.1
127 8.5 6.2 9.4



#48
Methyl methacrylate
Concen: 19.012 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN086682.D
Acq: 19 May 2025 12:14

Tgt Ion: 41 Resp: 48974
Ion Ratio Lower Upper
41 100
69 92.5 74.1 111.1
39 53.8 44.1 66.1





#49

1,4-Dioxane

Concen: 372.506 ug/l

RT: 9.688 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN086682.D

Acq: 19 May 2025 12:14

Instrument :

MSVOA_N

ClientSampleId :

VN0519WBSD01

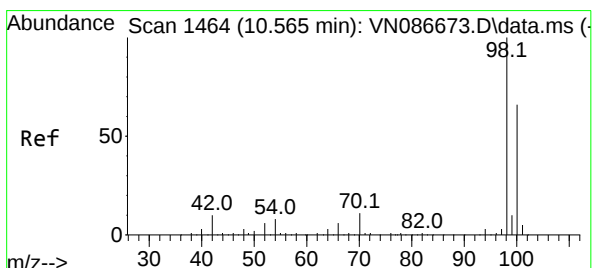
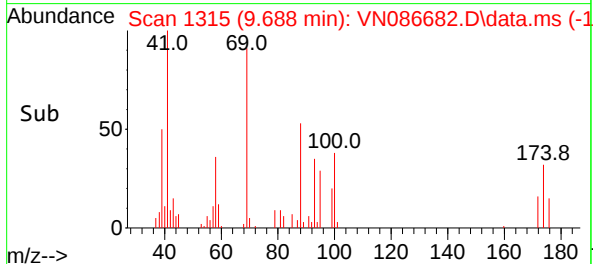
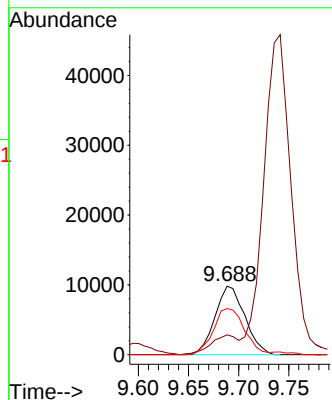
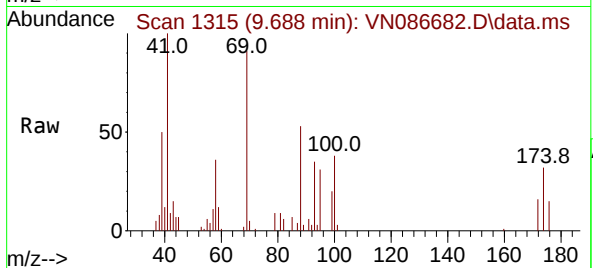
Tgt Ion: 88 Resp: 20318

Ion Ratio Lower Upper

88 100

43 26.0 23.6 35.4

58 72.4 55.3 82.9



#50

Toluene-d8

Concen: 47.484 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN086682.D

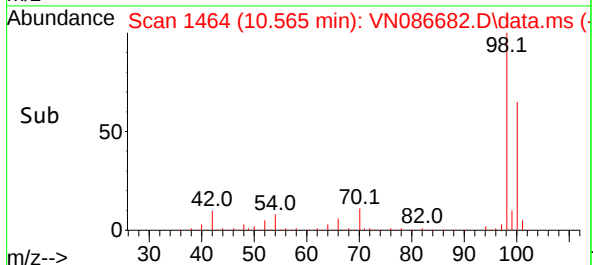
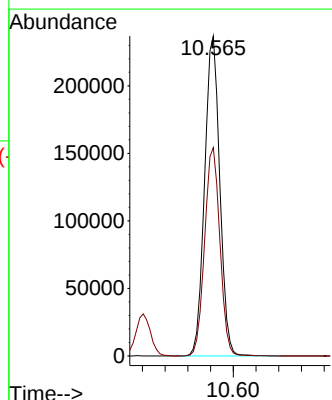
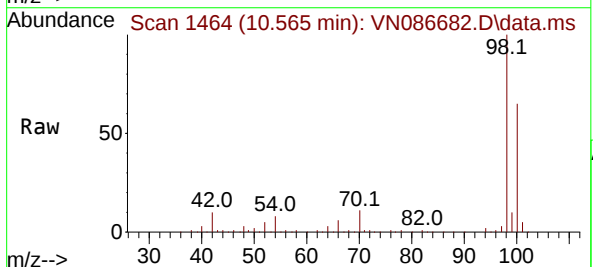
Acq: 19 May 2025 12:14

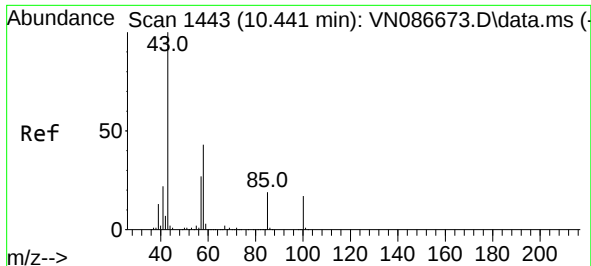
Tgt Ion: 98 Resp: 437918

Ion Ratio Lower Upper

98 100

100 65.6 52.9 79.3

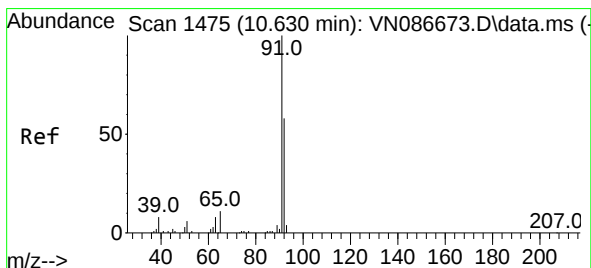
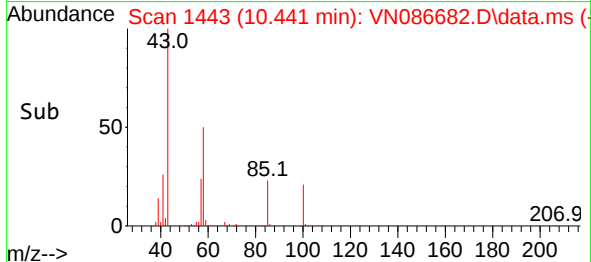
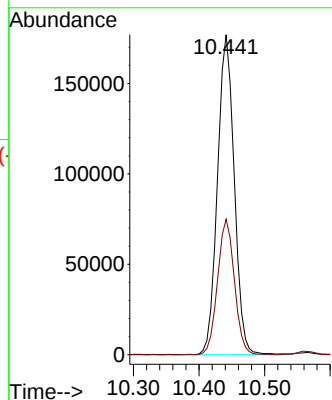
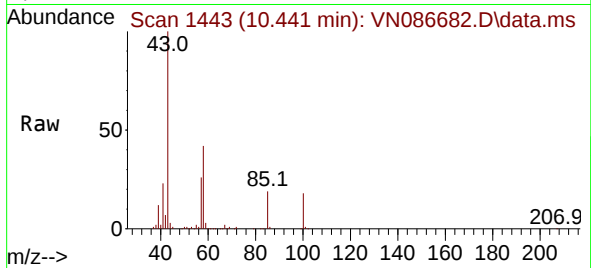




#51
4-Methyl-2-Pentanone
Concen: 93.448 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086682.D
Acq: 19 May 2025 12:14

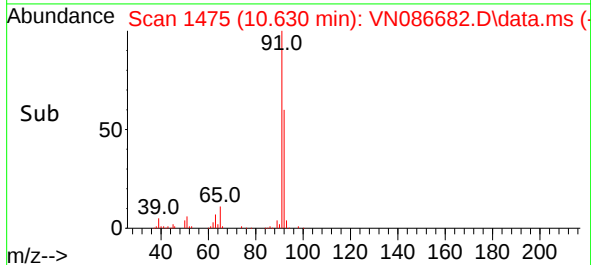
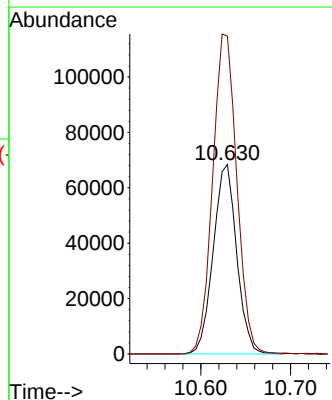
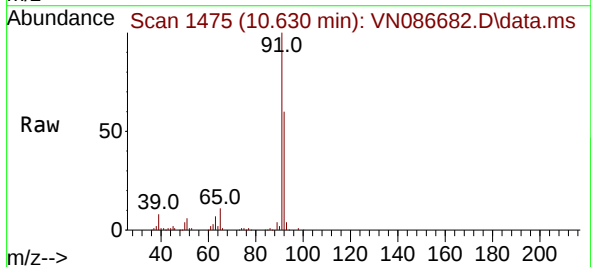
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01

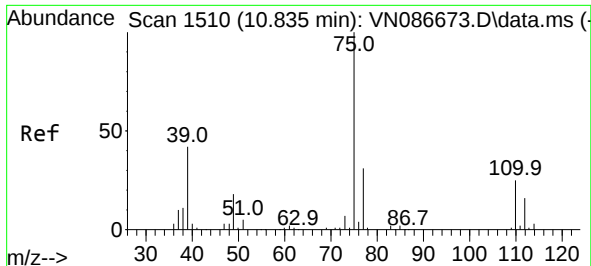
Tgt Ion: 43 Resp: 313262
Ion Ratio Lower Upper
43 100
58 42.5 33.9 50.9



#52
Toluene
Concen: 18.613 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN086682.D
Acq: 19 May 2025 12:14

Tgt Ion: 92 Resp: 123879
Ion Ratio Lower Upper
92 100
91 174.7 137.8 206.8

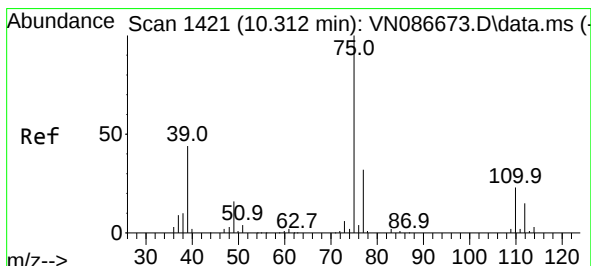
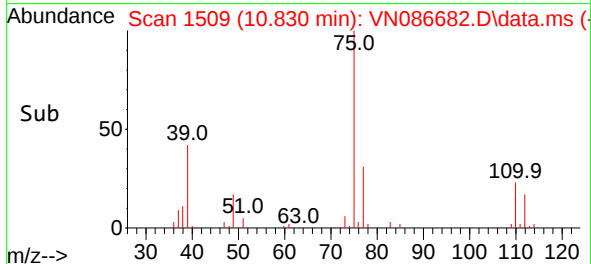
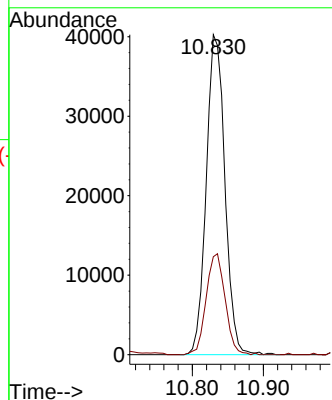
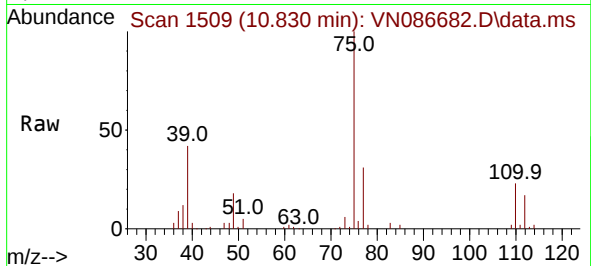




#53
 t-1,3-Dichloropropene
 Concen: 19.632 ug/l
 RT: 10.830 min Scan# 1510
 Delta R.T. -0.006 min
 Lab File: VN086682.D
 Acq: 19 May 2025 12:14

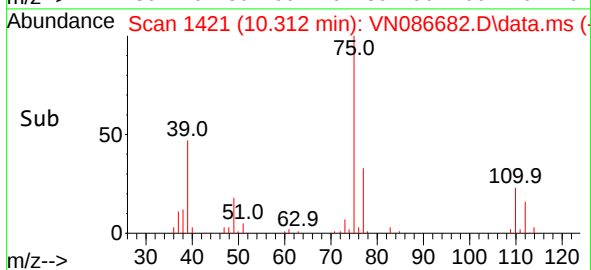
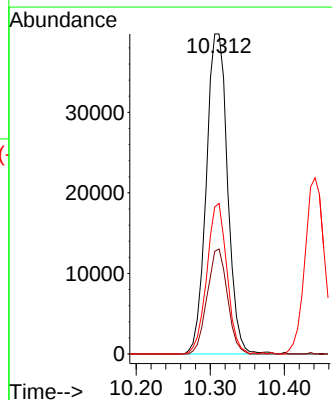
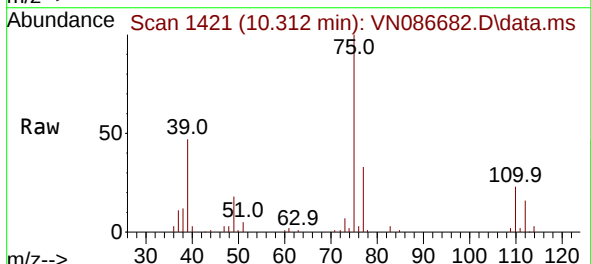
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0519WBSD01

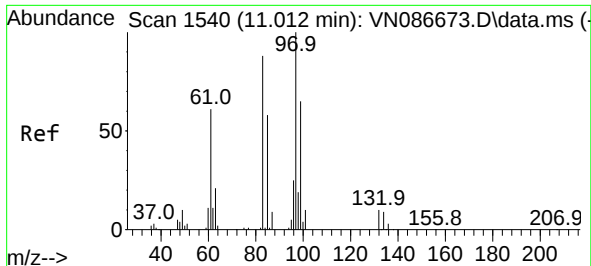
Tgt Ion: 75 Resp: 73516
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 19.380 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN086682.D
 Acq: 19 May 2025 12:14

Tgt Ion: 75 Resp: 79222
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.3 37.9
 39 47.1 35.2 52.8

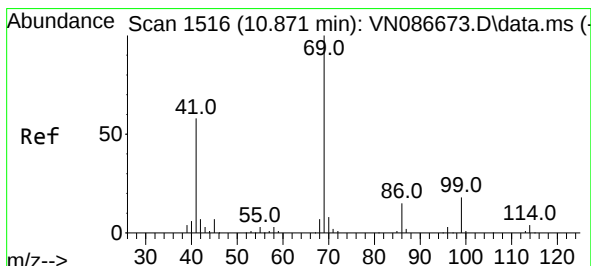
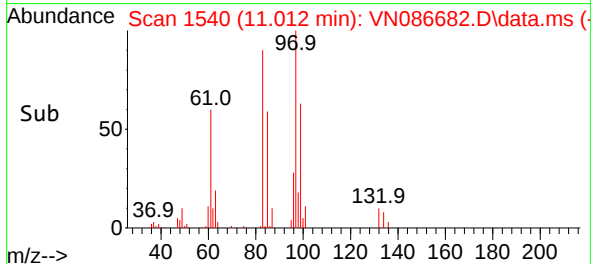
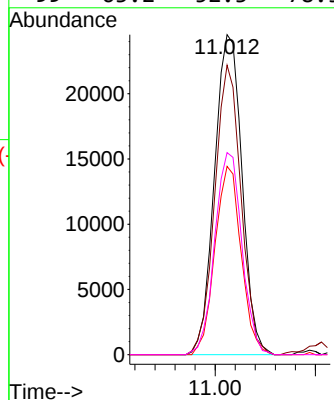
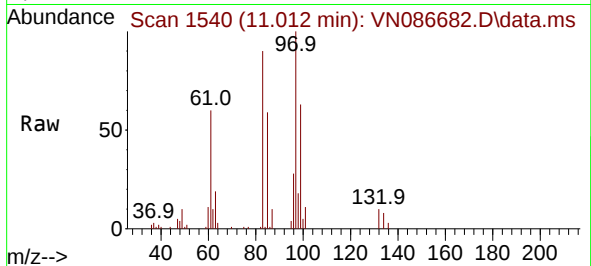




#55
 1,1,2-Trichloroethane
 Concen: 18.811 ug/l
 RT: 11.012 min Scan# 1540
 Delta R.T. 0.000 min
 Lab File: VN086682.D
 Acq: 19 May 2025 12:14

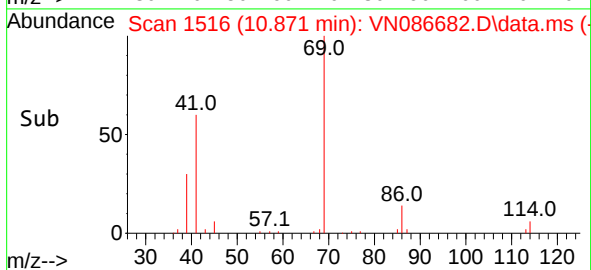
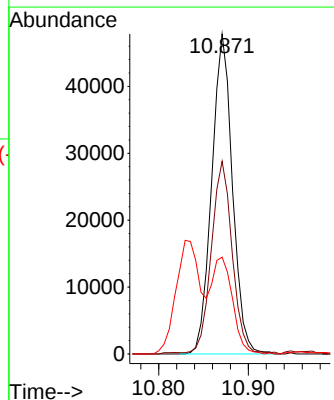
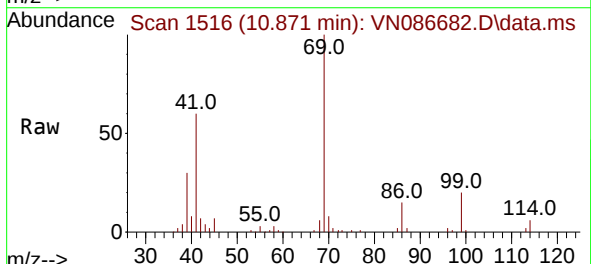
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0519WBSD01

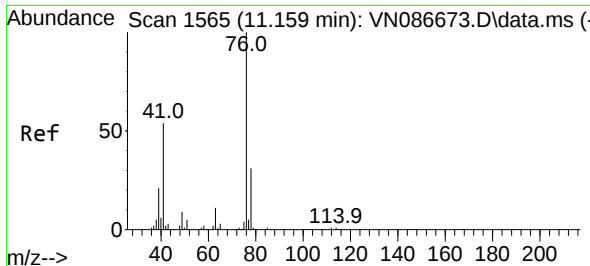
Tgt Ion:	97	Resp:	46702
Ion	Ratio	Lower	Upper
97	100		
83	90.4	70.4	105.6
85	58.8	46.1	69.1
99	63.2	52.3	78.5



#56
 Ethyl methacrylate
 Concen: 19.235 ug/l
 RT: 10.871 min Scan# 1516
 Delta R.T. 0.000 min
 Lab File: VN086682.D
 Acq: 19 May 2025 12:14

Tgt Ion:	69	Resp:	76675
Ion	Ratio	Lower	Upper
69	100		
41	61.2	47.4	71.0
39	30.2	24.0	36.0





#57

1,3-Dichloropropane

Concen: 19.076 ug/l

RT: 11.159 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN086682.D

Acq: 19 May 2025 12:14

Instrument :

MSVOA_N

ClientSampleId :

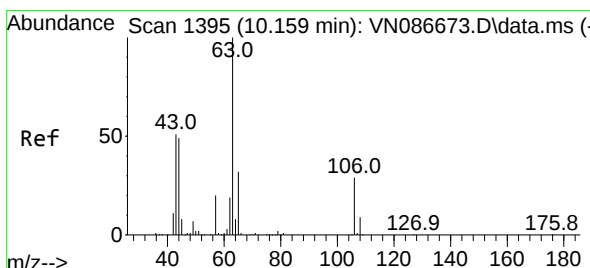
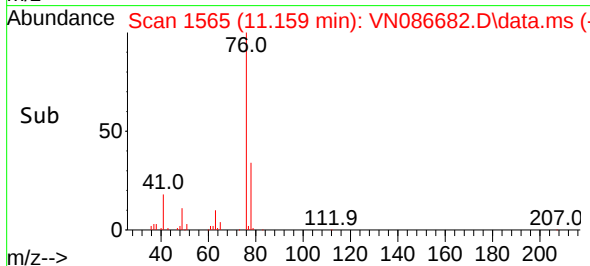
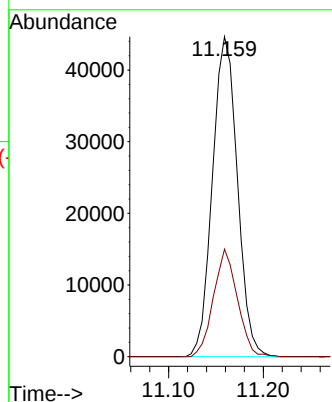
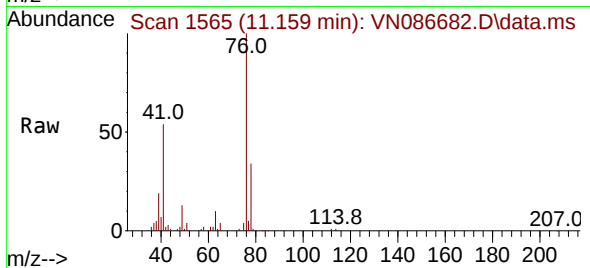
VN0519WBSD01

Tgt Ion: 76 Resp: 81592

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 98.103 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN086682.D

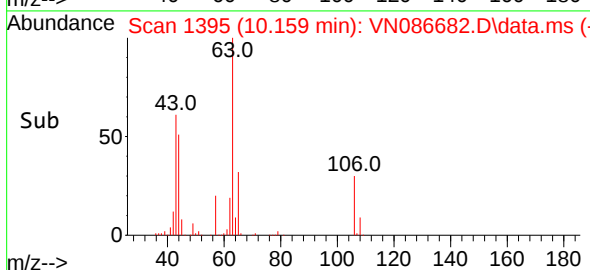
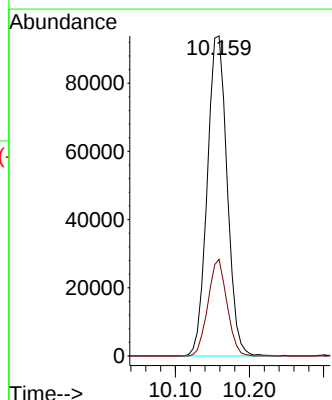
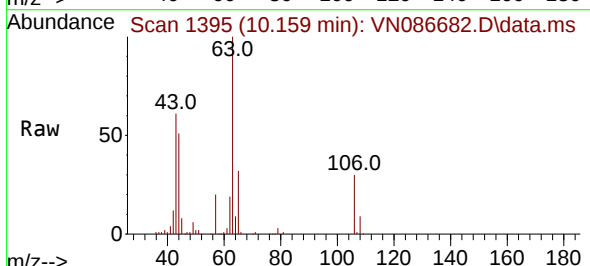
Acq: 19 May 2025 12:14

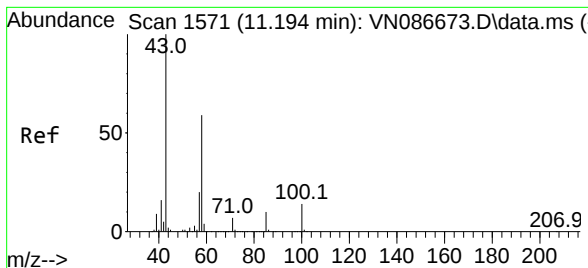
Tgt Ion: 63 Resp: 174778

Ion Ratio Lower Upper

63 100

106 28.8 23.1 34.7

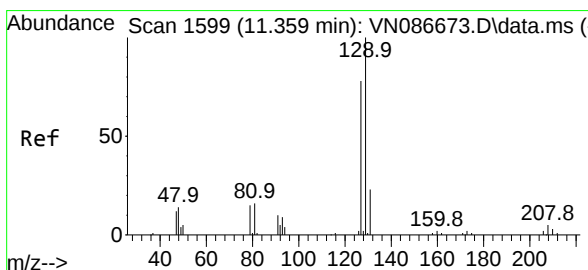
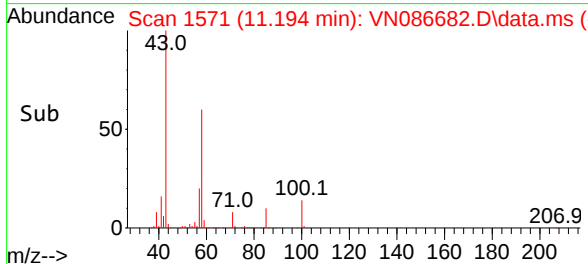
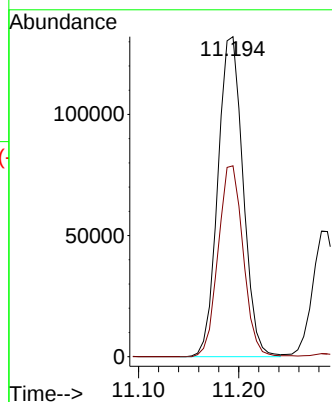
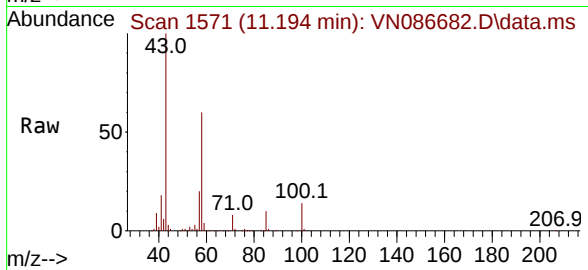




#59
2-Hexanone
Concen: 94.163 ug/l
RT: 11.194 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086682.D
Acq: 19 May 2025 12:14

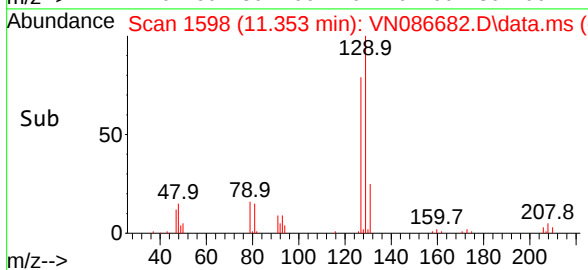
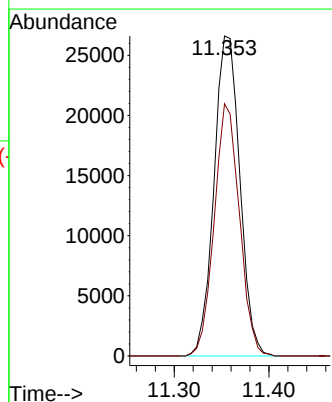
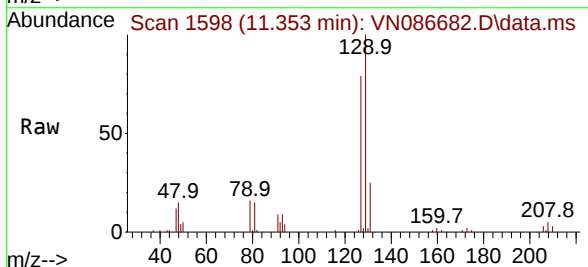
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01

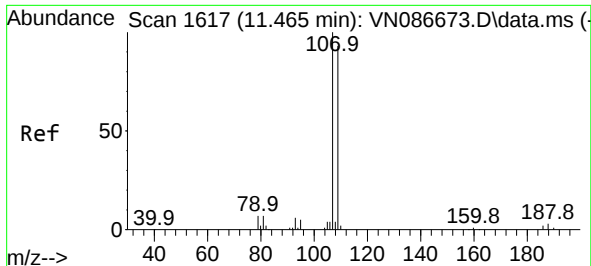
Tgt Ion: 43 Resp: 230513
Ion Ratio Lower Upper
43 100
58 59.3 29.8 89.5



#60
Dibromochloromethane
Concen: 19.415 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN086682.D
Acq: 19 May 2025 12:14

Tgt Ion: 129 Resp: 50516
Ion Ratio Lower Upper
129 100
127 76.8 39.5 118.3

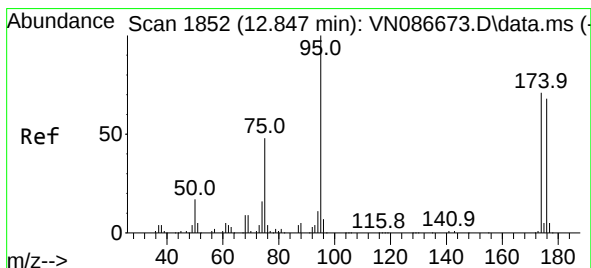
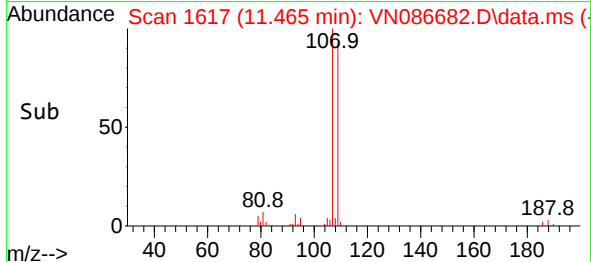
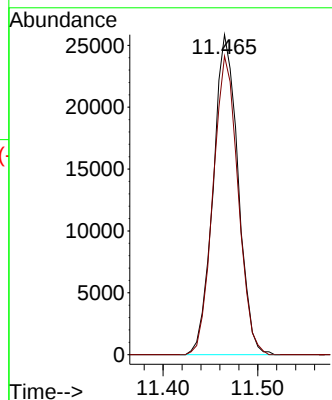
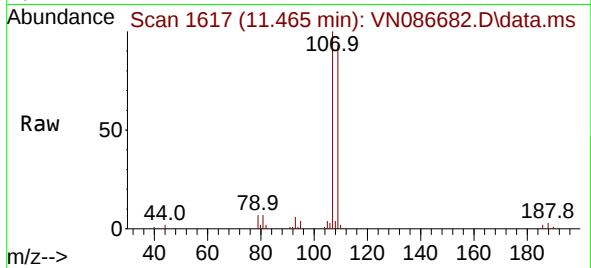




#61
1,2-Dibromoethane
Concen: 18.877 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN086682.D
Acq: 19 May 2025 12:14

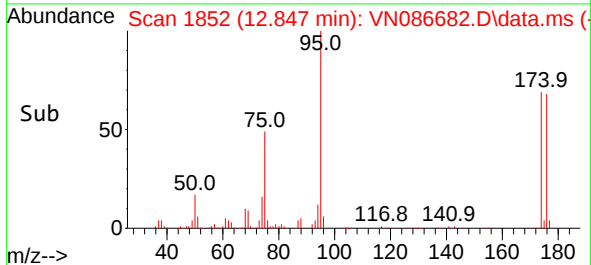
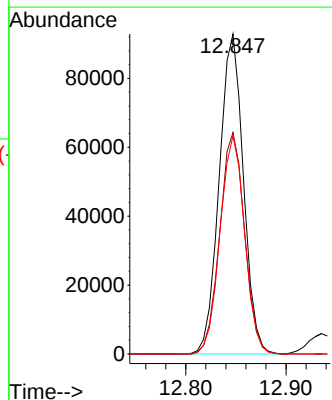
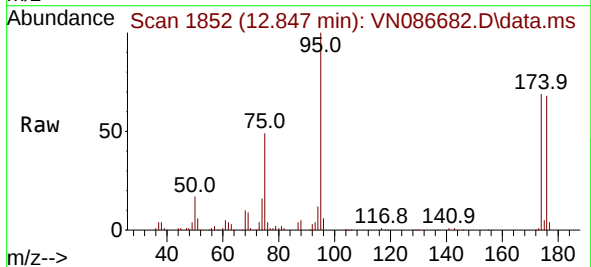
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01

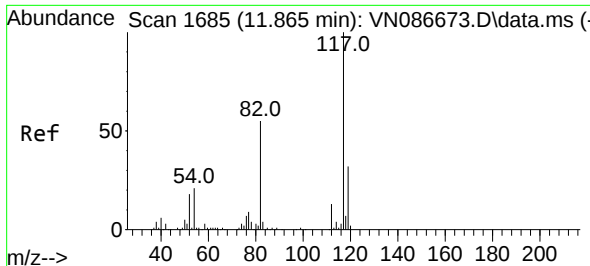
Tgt Ion:107 Resp: 47095
Ion Ratio Lower Upper
107 100
109 93.9 75.0 112.4



#62
4-Bromofluorobenzene
Concen: 47.639 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086682.D
Acq: 19 May 2025 12:14

Tgt Ion: 95 Resp: 155130
Ion Ratio Lower Upper
95 100
174 71.0 0.0 145.4
176 69.2 0.0 137.8

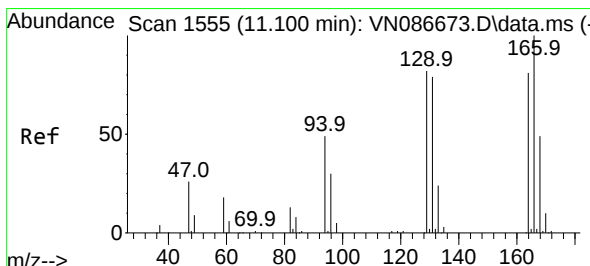
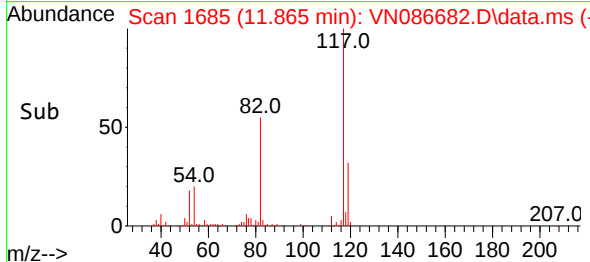
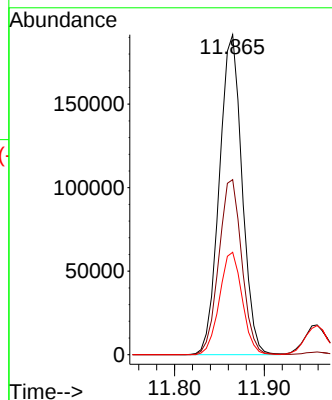
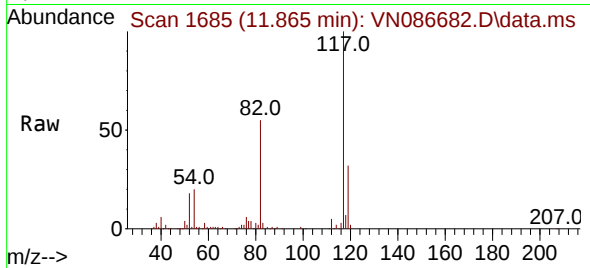




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN086682.D
Acq: 19 May 2025 12:14

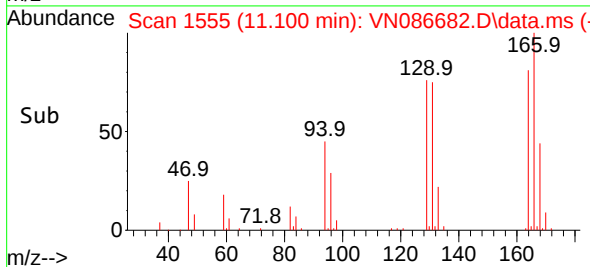
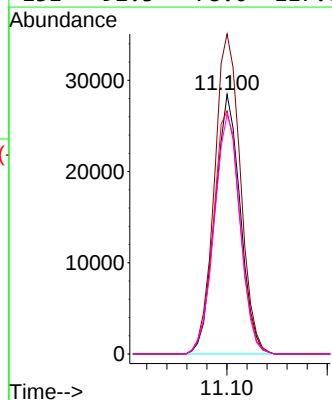
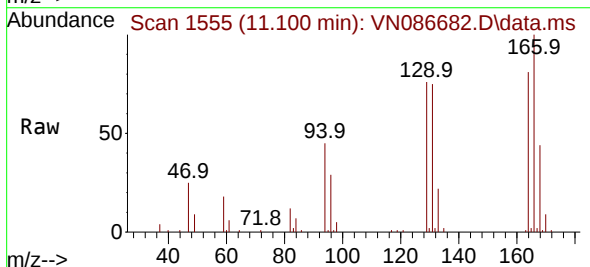
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01

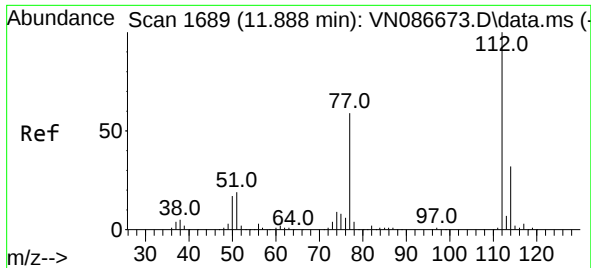
Tgt Ion:117 Resp: 336328
Ion Ratio Lower Upper
117 100
82 54.7 44.2 66.2
119 32.0 25.4 38.2



#64
Tetrachloroethene
Concen: 19.423 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN086682.D
Acq: 19 May 2025 12:14

Tgt Ion:164 Resp: 50042
Ion Ratio Lower Upper
164 100
166 123.3 98.2 147.4
129 93.6 81.0 121.4
131 92.3 78.0 117.0

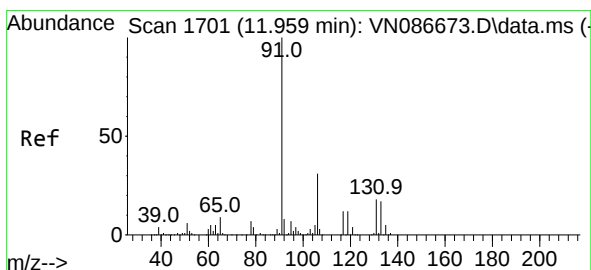
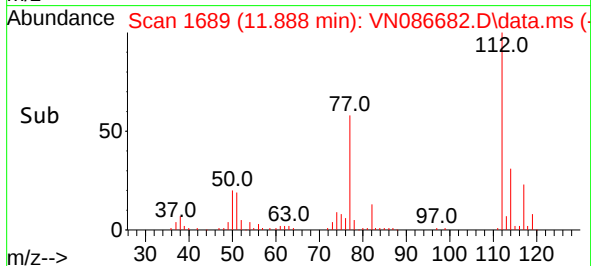
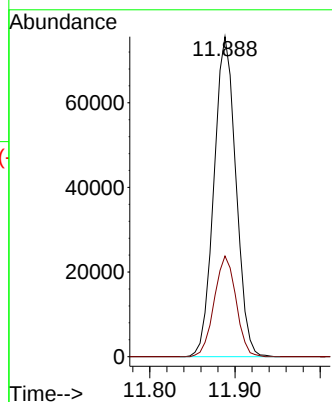
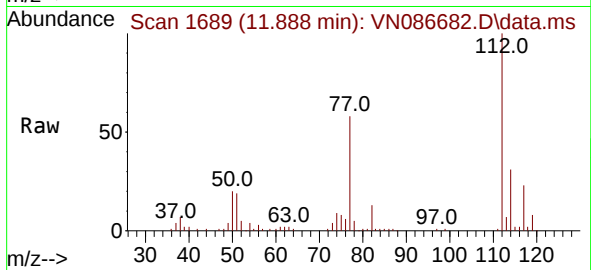




#65
Chlorobenzene
Concen: 18.379 ug/l
RT: 11.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086682.D
Acq: 19 May 2025 12:14

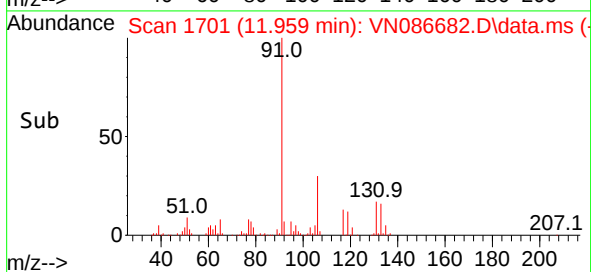
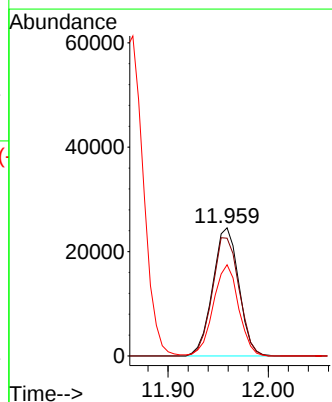
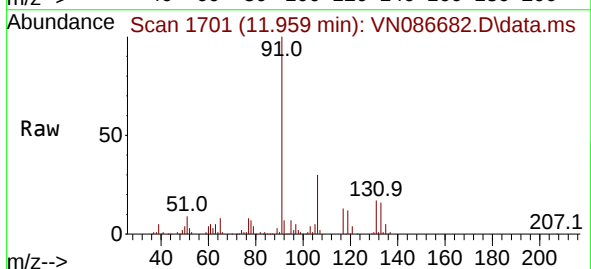
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01

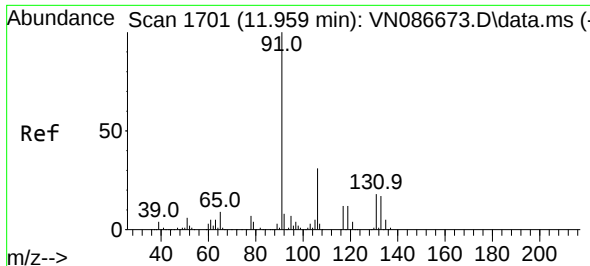
Tgt Ion:112 Resp: 135549
Ion Ratio Lower Upper
112 100
114 31.4 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 18.692 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086682.D
Acq: 19 May 2025 12:14

Tgt Ion:131 Resp: 44503
Ion Ratio Lower Upper
131 100
133 94.9 47.9 143.7
119 68.8 33.6 100.8

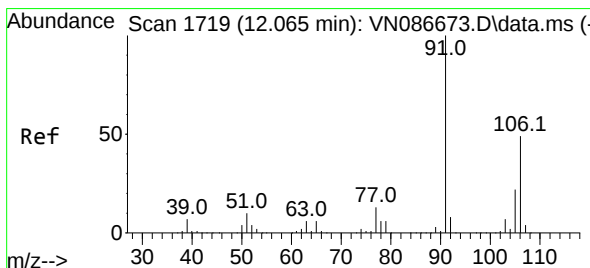
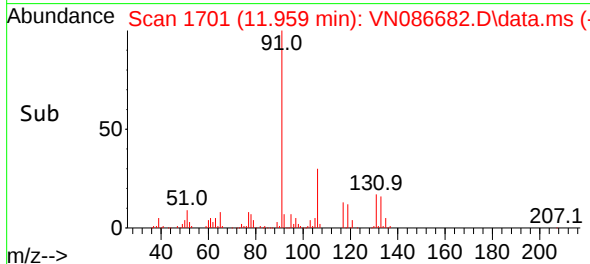
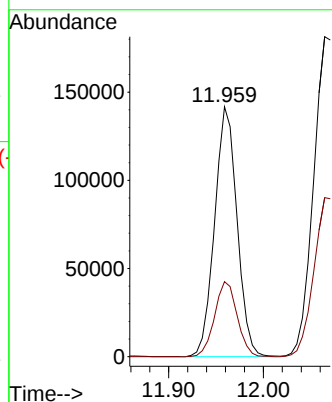
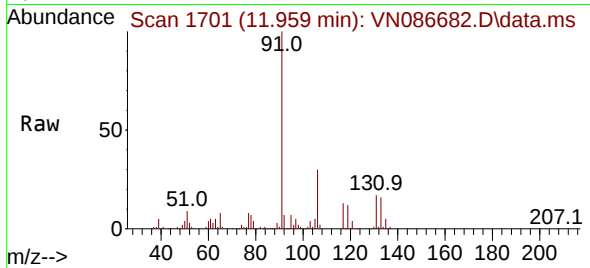




#67
Ethyl Benzene
Concen: 18.475 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086682.D
Acq: 19 May 2025 12:14

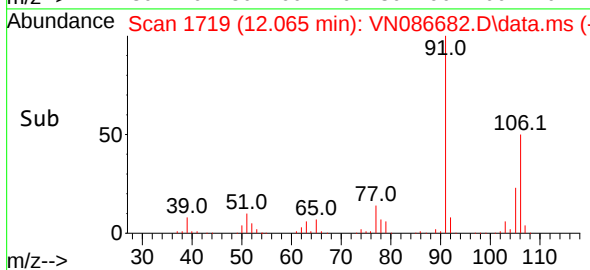
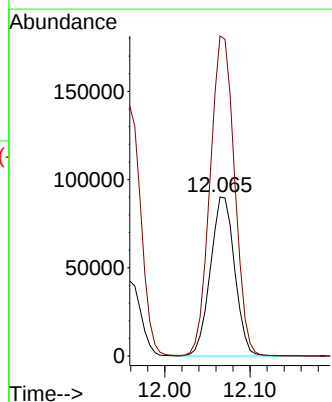
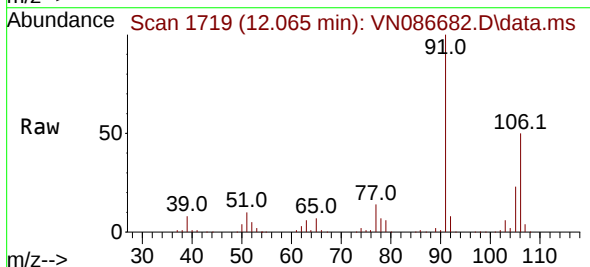
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01

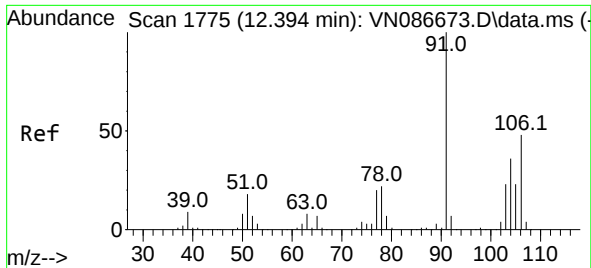
Tgt Ion: 91 Resp: 233376
Ion Ratio Lower Upper
91 100
106 30.0 24.6 36.8



#68
m/p-Xylenes
Concen: 37.181 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN086682.D
Acq: 19 May 2025 12:14

Tgt Ion:106 Resp: 177899
Ion Ratio Lower Upper
106 100
91 203.5 162.4 243.6

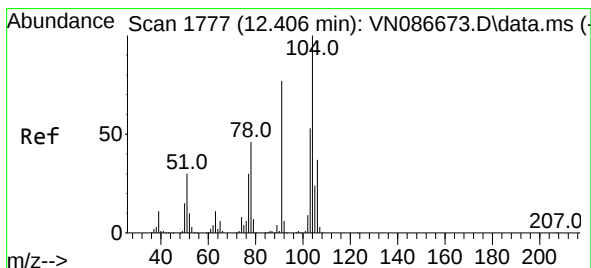
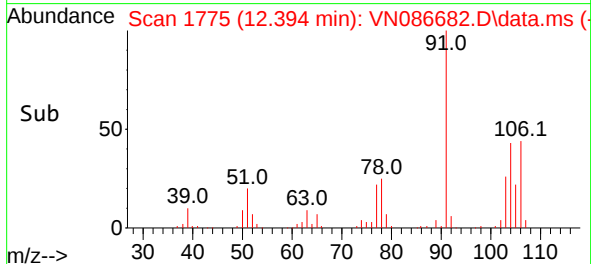
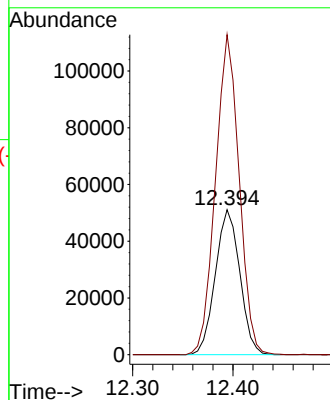
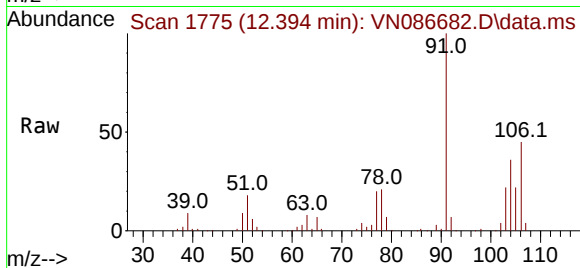




#69
o-Xylene
Concen: 18.204 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086682.D
Acq: 19 May 2025 12:14

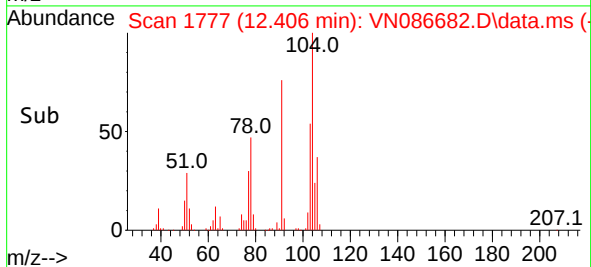
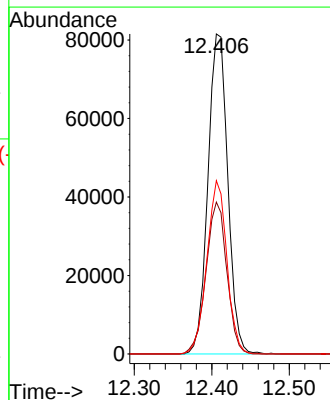
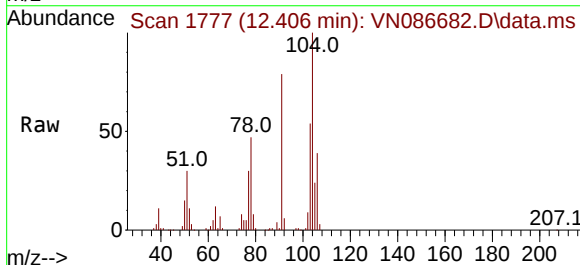
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01

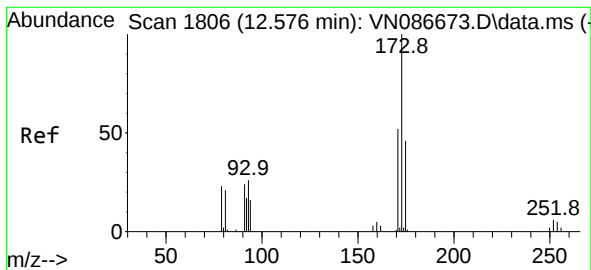
Tgt Ion:106 Resp: 86593
Ion Ratio Lower Upper
106 100
91 213.8 105.1 315.1



#70
Styrene
Concen: 18.617 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN086682.D
Acq: 19 May 2025 12:14

Tgt Ion:104 Resp: 144985
Ion Ratio Lower Upper
104 100
78 49.8 39.0 58.6
103 54.7 43.8 65.8





#71

Bromoform

Concen: 19.192 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN086682.D

Acq: 19 May 2025 12:14

Instrument :

MSVOA_N

ClientSampleId :

VN0519WBSD01

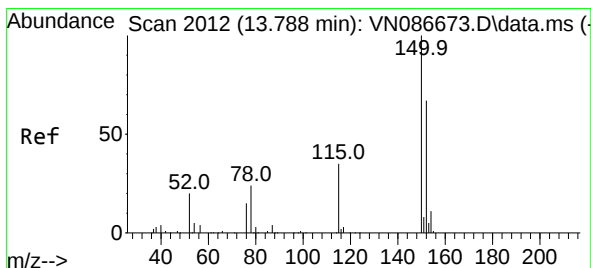
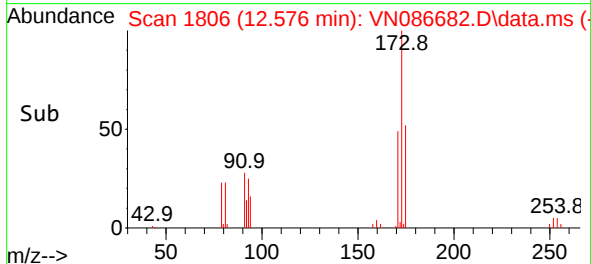
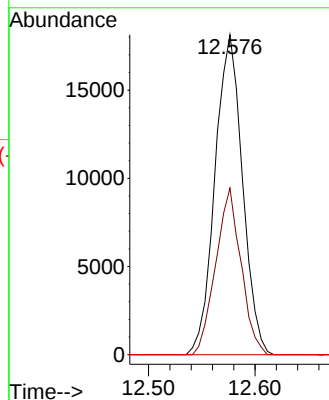
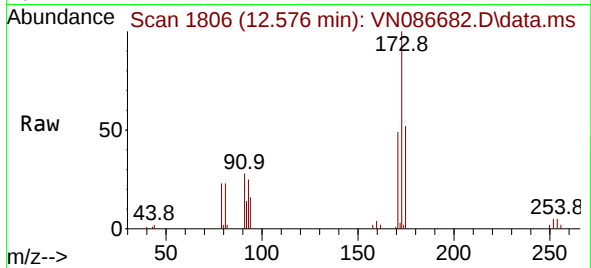
Tgt Ion:173 Resp: 32496

Ion Ratio Lower Upper

173 100

175 47.9 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: VN086682.D

Acq: 19 May 2025 12:14

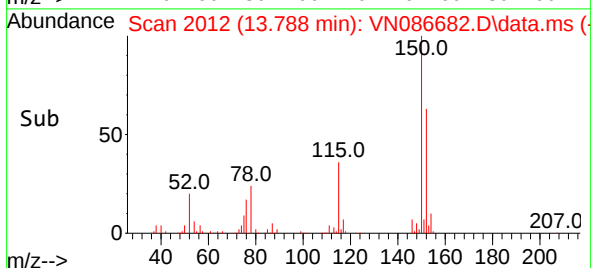
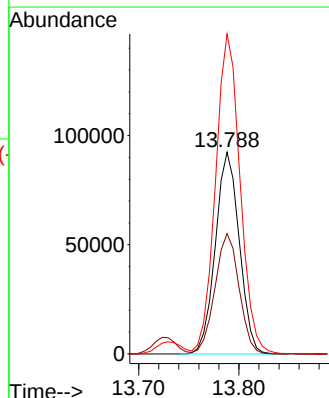
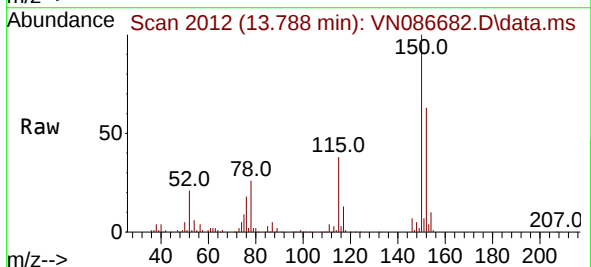
Tgt Ion:152 Resp: 152945

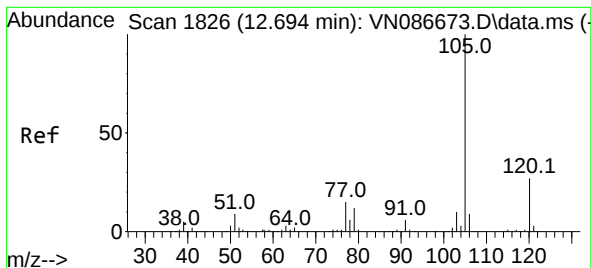
Ion Ratio Lower Upper

152 100

115 60.1 30.0 90.1

150 162.9 0.0 347.8





#73

Isopropylbenzene

Concen: 17.528 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN086682.D

Acq: 19 May 2025 12:14

Instrument :

MSVOA_N

ClientSampleId :

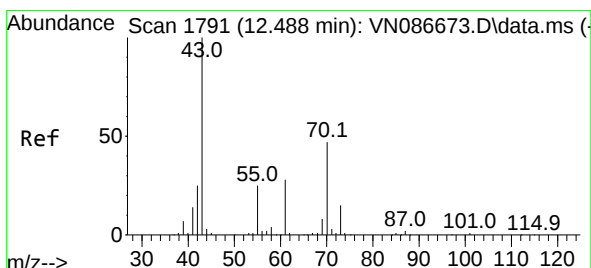
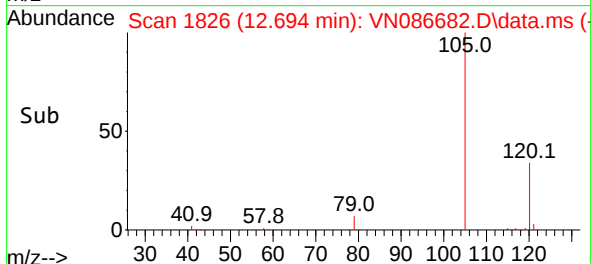
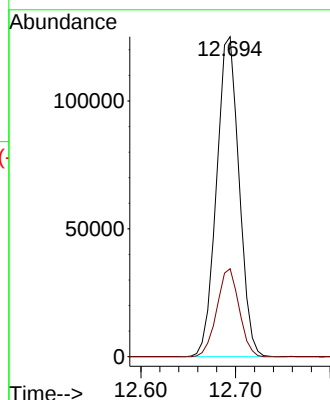
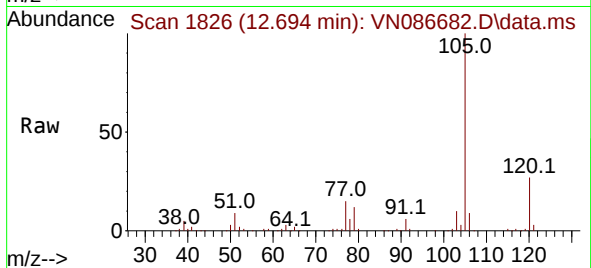
VN0519WBSD01

Tgt Ion:105 Resp: 207051

Ion Ratio Lower Upper

105 100

120 27.1 13.4 40.1



#74

N-ethyl acetate

Concen: 17.976 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VN086682.D

Acq: 19 May 2025 12:14

Tgt Ion: 43 Resp: 88720

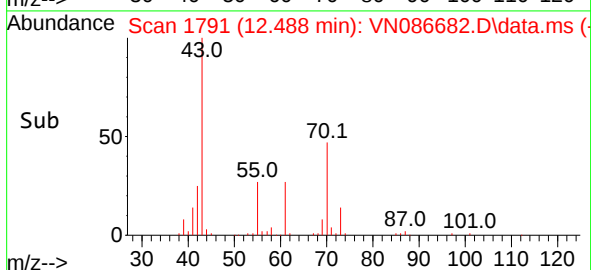
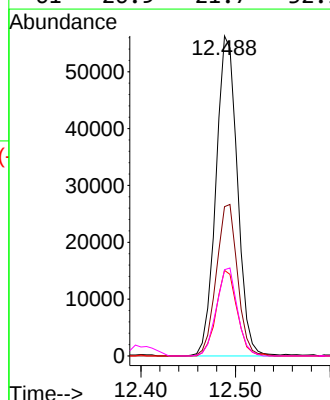
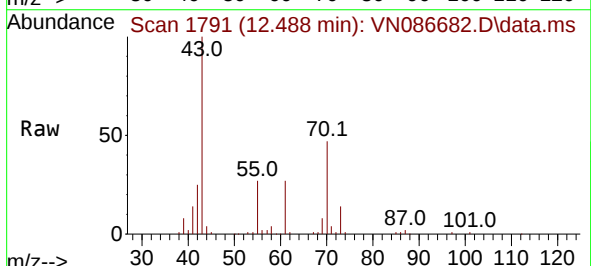
Ion Ratio Lower Upper

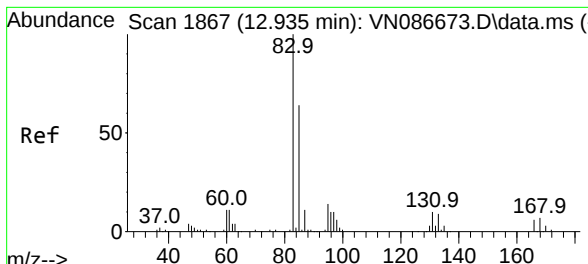
43 100

70 46.8 37.9 56.9

55 26.0 20.5 30.7

61 26.9 21.7 32.5

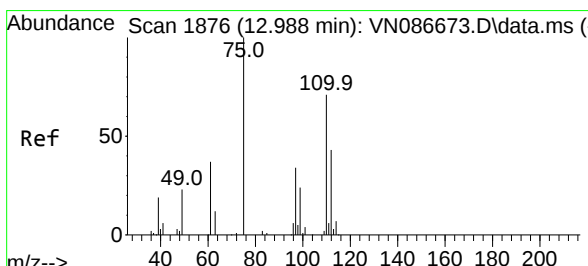
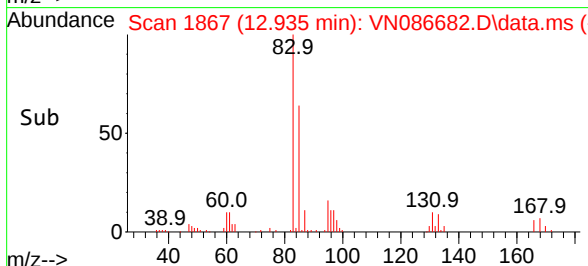
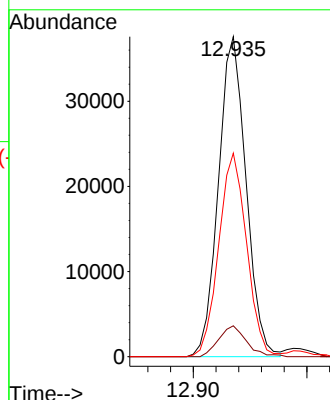
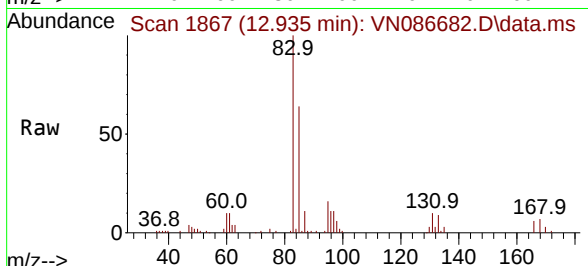




#75
 1,1,2,2-Tetrachloroethane
 Concen: 17.493 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN086682.D
 Acq: 19 May 2025 12:14

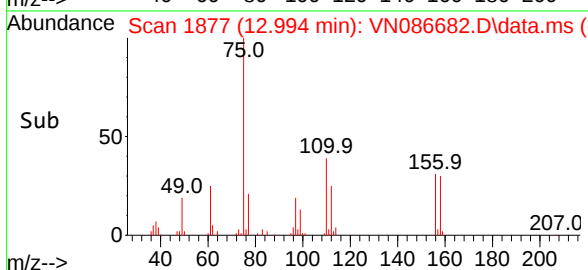
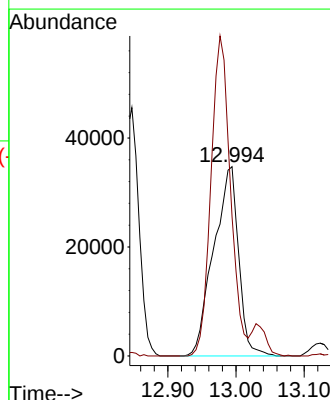
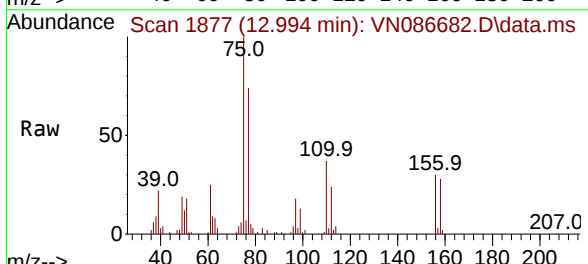
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0519WBSD01

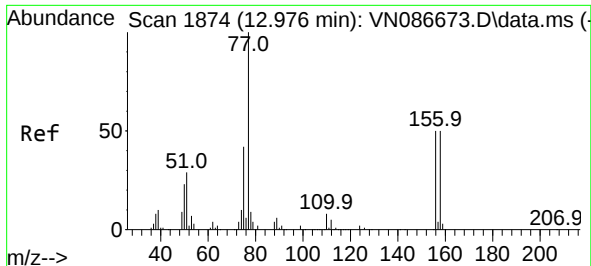
Tgt Ion:	83	Resp:	63483
Ion Ratio	Lower	Upper	
83	100		
131	9.7	5.0	15.0
85	64.2	32.4	97.2



#76
 1,2,3-Trichloropropane
 Concen: 25.546 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.006 min
 Lab File: VN086682.D
 Acq: 19 May 2025 12:14

Tgt Ion:	75	Resp:	88362
Ion Ratio	Lower	Upper	
75	100		
77	132.7	96.0	288.1

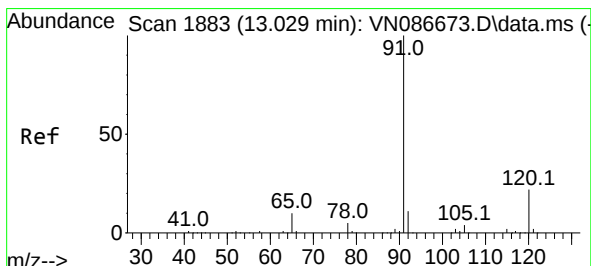
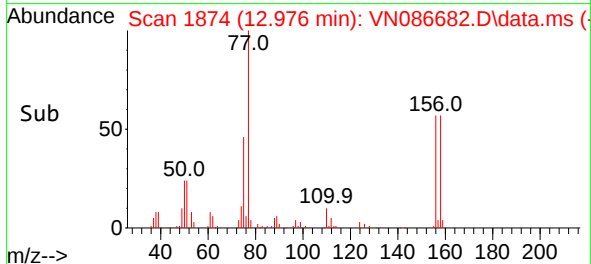
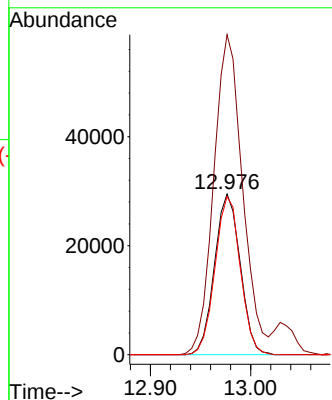
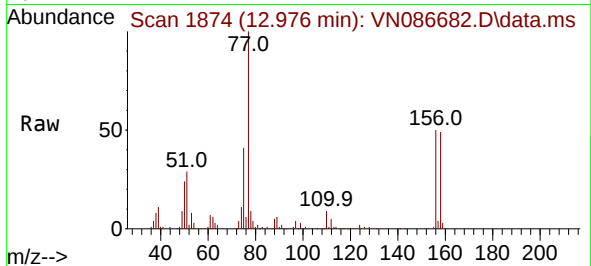




#77
Bromobenzene
Concen: 17.647 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN086682.D
Acq: 19 May 2025 12:14

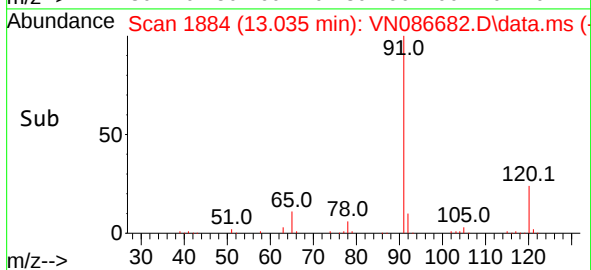
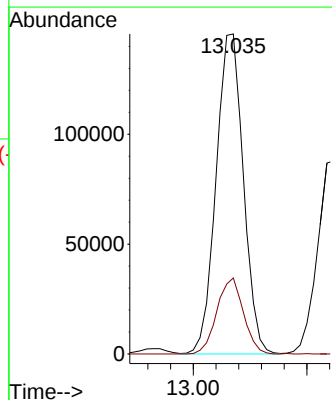
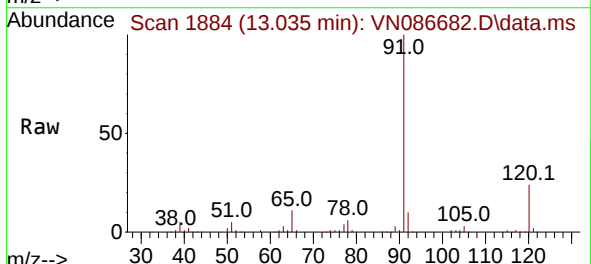
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01

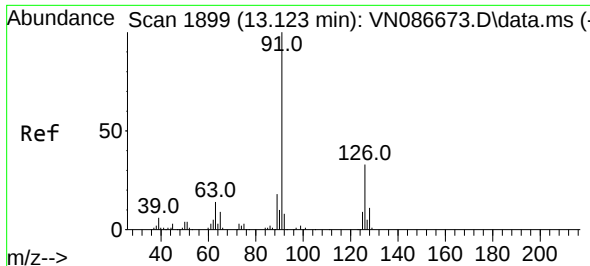
Tgt Ion:156 Resp: 52437
Ion Ratio Lower Upper
156 100
77 223.5 113.1 339.2
158 96.7 48.6 145.9



#78
n-propylbenzene
Concen: 17.931 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN086682.D
Acq: 19 May 2025 12:14

Tgt Ion: 91 Resp: 243078
Ion Ratio Lower Upper
91 100
120 23.0 11.4 34.1

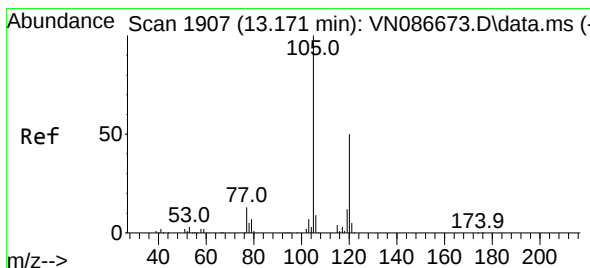
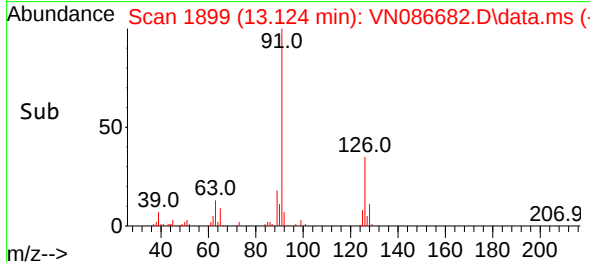
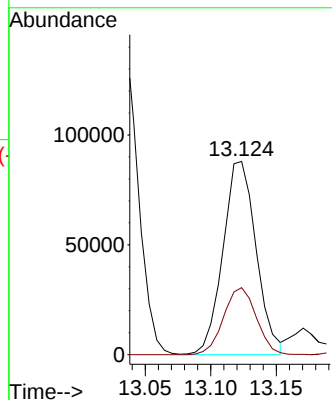
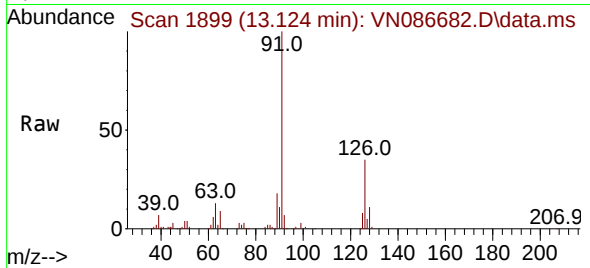




#79
2-Chlorotoluene
Concen: 17.609 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN086682.D
Acq: 19 May 2025 12:14

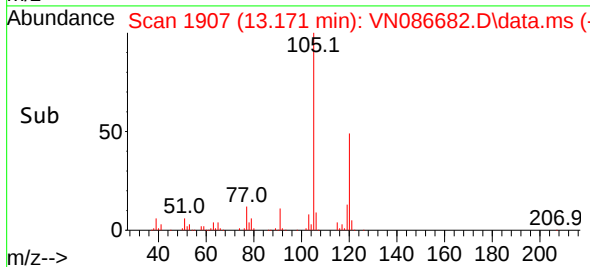
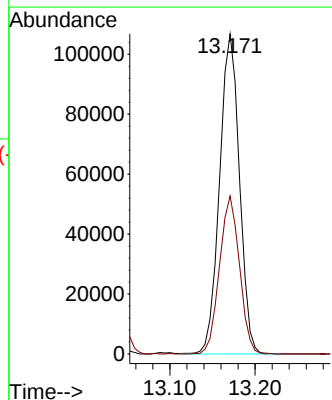
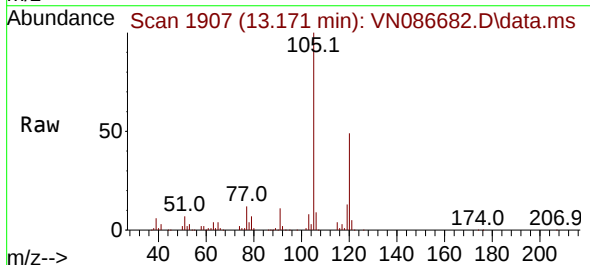
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01

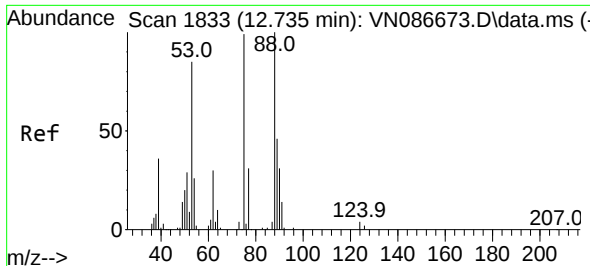
Tgt Ion: 91 Resp: 155213
Ion Ratio Lower Upper
91 100
126 34.2 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 18.266 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086682.D
Acq: 19 May 2025 12:14

Tgt Ion: 105 Resp: 172869
Ion Ratio Lower Upper
105 100
120 49.4 24.9 74.6

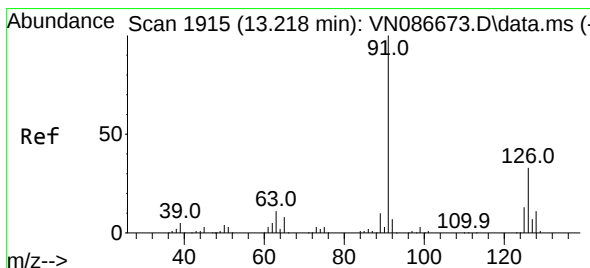
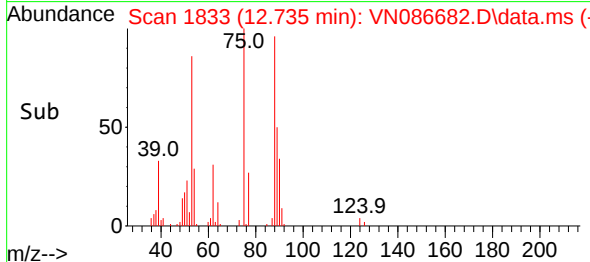
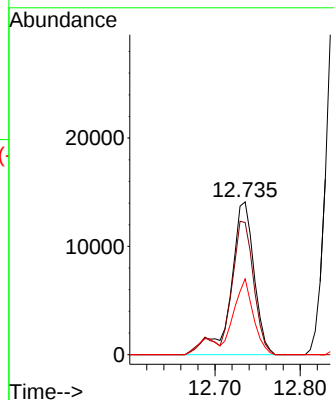
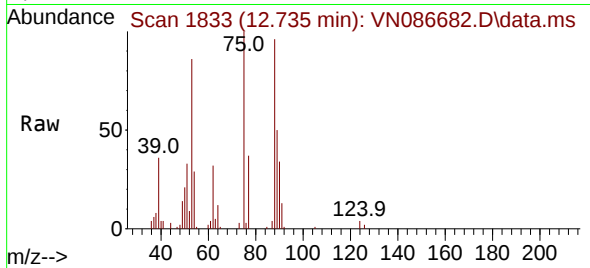




#81
trans-1,4-Dichloro-2-butene
Concen: 19.389 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN086682.D
Acq: 19 May 2025 12:14

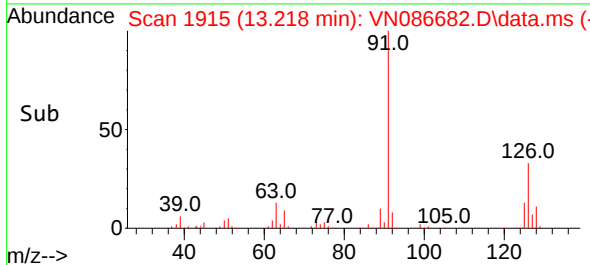
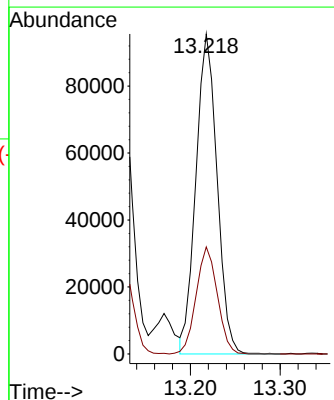
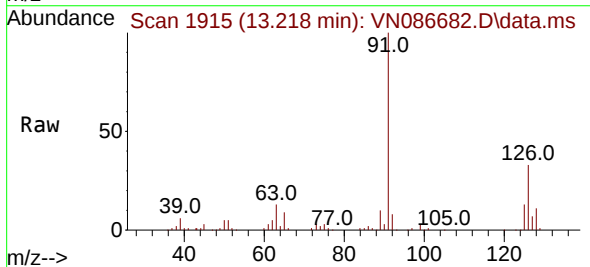
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01

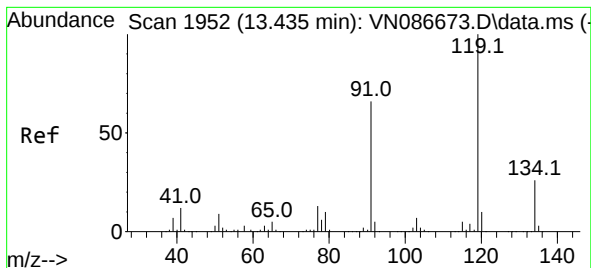
Tgt Ion:	75	Resp:	26575
Ion	Ratio	Lower	Upper
75	100		
53	79.6	70.4	105.6
89	41.9	32.4	48.6



#82
4-Chlorotoluene
Concen: 17.909 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086682.D
Acq: 19 May 2025 12:14

Tgt Ion:	91	Resp:	156395
Ion	Ratio	Lower	Upper
91	100		
126	33.5	17.0	50.9





#83

tert-Butylbenzene

Concen: 17.561 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VN086682.D

Acq: 19 May 2025 12:14

Instrument :

MSVOA_N

ClientSampleId :

VN0519WBSD01

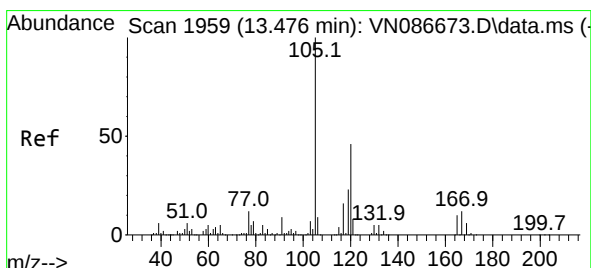
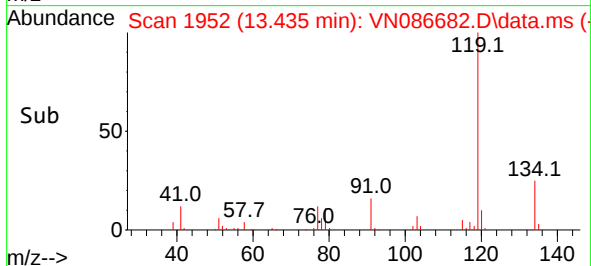
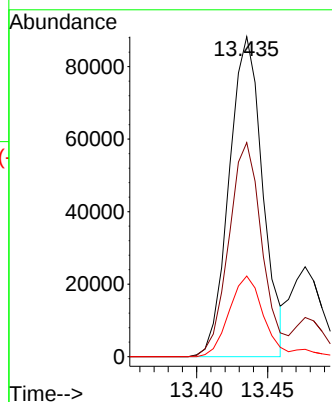
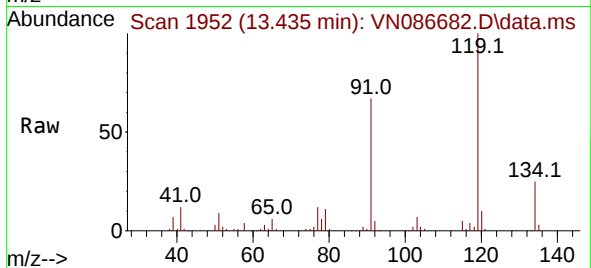
Tgt Ion:119 Resp: 144937

Ion Ratio Lower Upper

119 100

91 67.1 32.9 98.7

134 26.9 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 18.313 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. 0.000 min

Lab File: VN086682.D

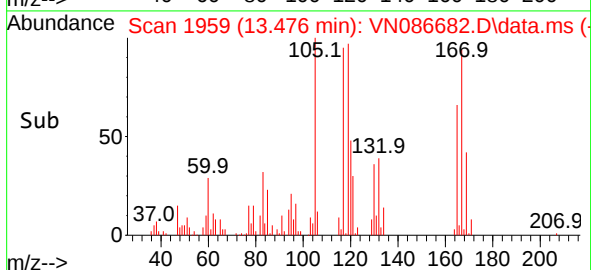
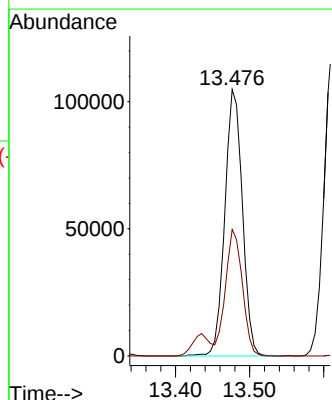
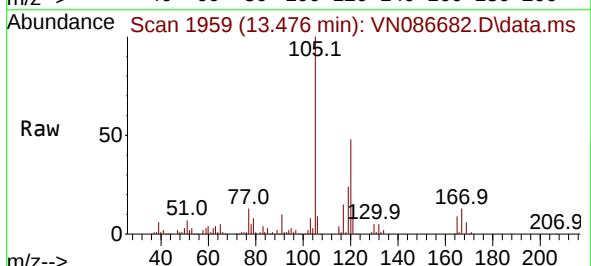
Acq: 19 May 2025 12:14

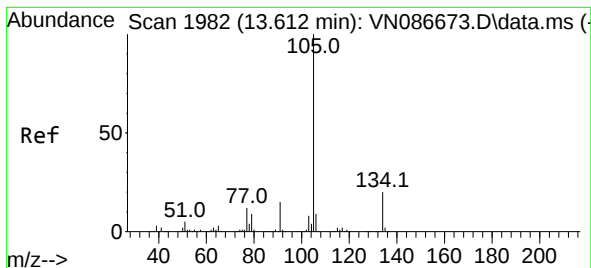
Tgt Ion:105 Resp: 172585

Ion Ratio Lower Upper

105 100

120 45.5 23.2 69.6





#85

sec-Butylbenzene

Concen: 18.266 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. 0.000 min

Lab File: VN086682.D

Acq: 19 May 2025 12:14

Instrument :

MSVOA_N

ClientSampleId :

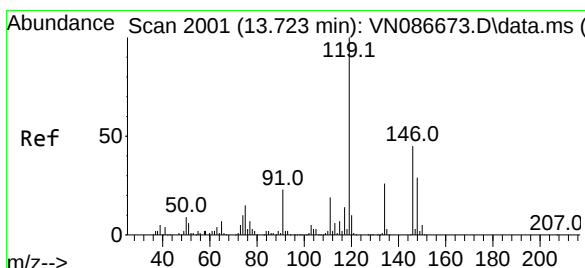
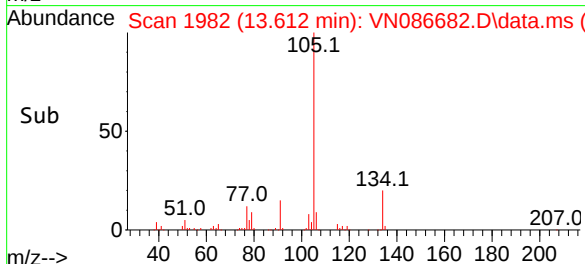
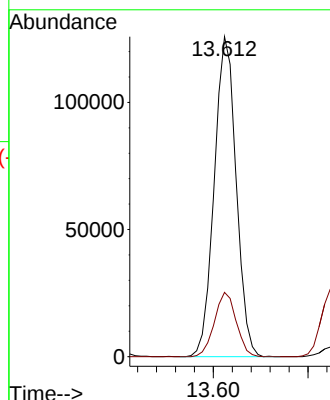
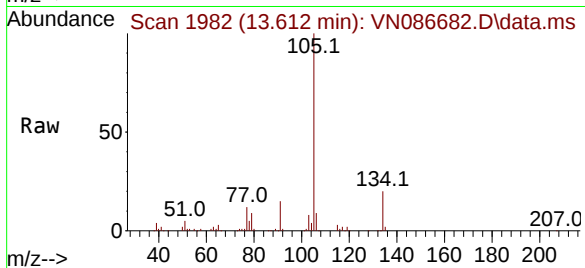
VN0519WBSD01

Tgt Ion:105 Resp: 202139

Ion Ratio Lower Upper

105 100

134 20.0 10.1 30.1



#86

p-Isopropyltoluene

Concen: 18.733 ug/l

RT: 13.723 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VN086682.D

Acq: 19 May 2025 12:14

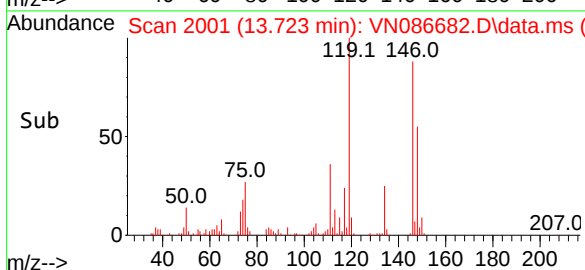
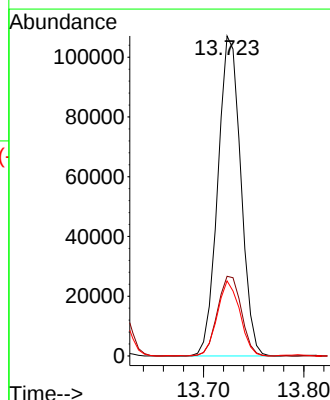
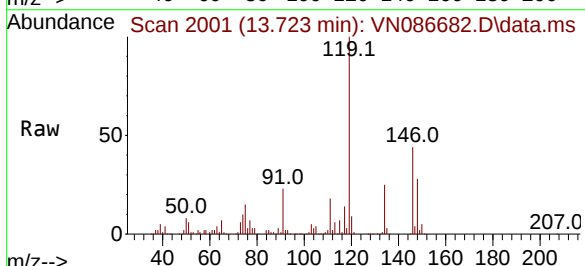
Tgt Ion:119 Resp: 169934

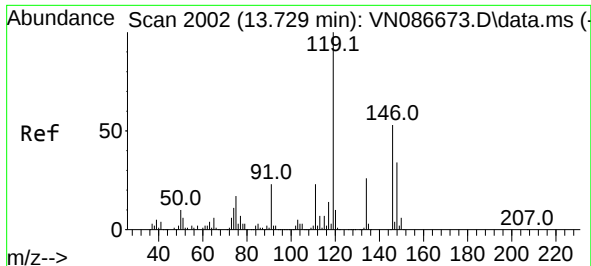
Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.1

91 23.1 11.5 34.5

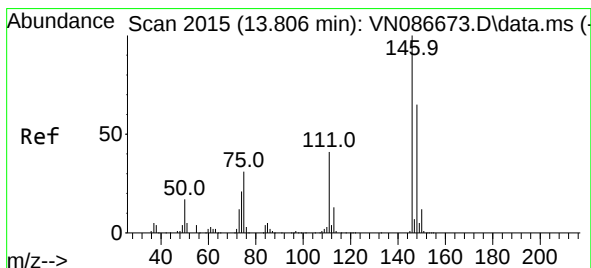
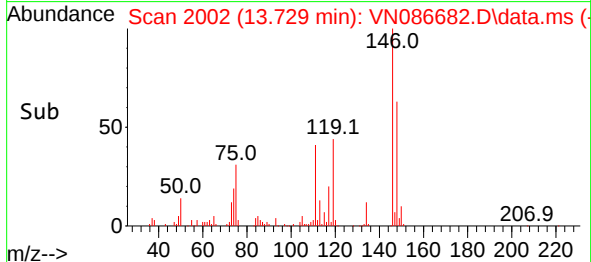
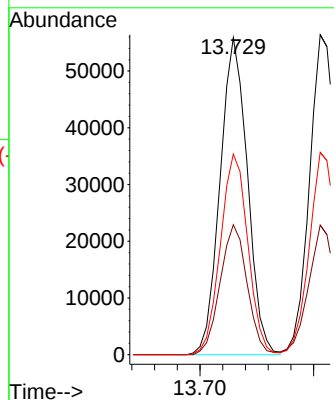
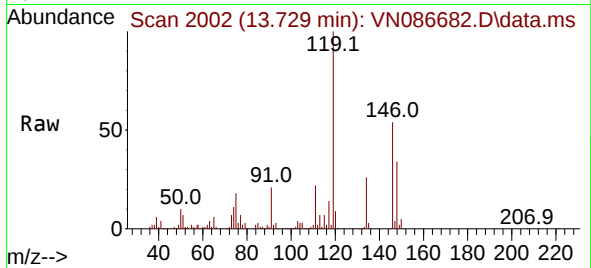




#87
1,3-Dichlorobenzene
Concen: 18.174 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN086682.D
Acq: 19 May 2025 12:14

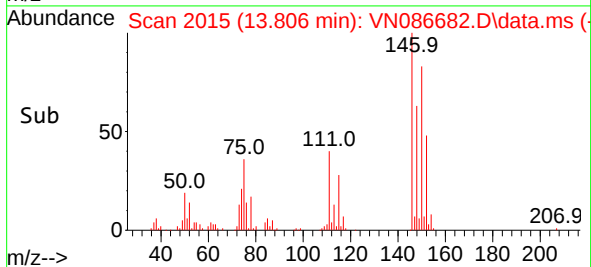
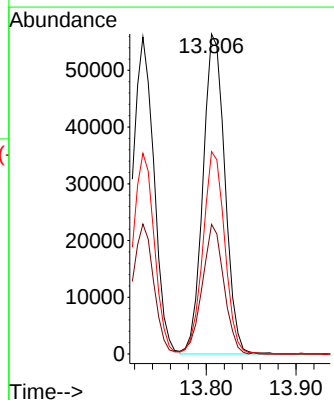
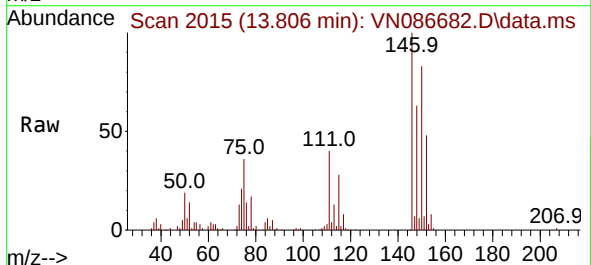
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01

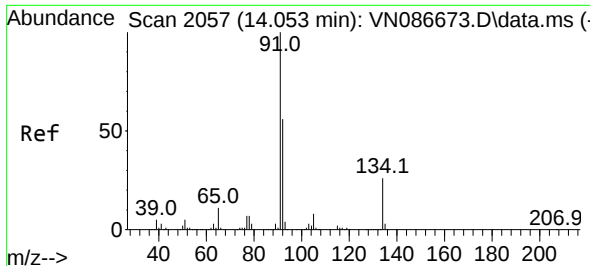
Tgt Ion:146 Resp: 93515
Ion Ratio Lower Upper
146 100
111 40.4 20.9 62.7
148 63.5 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 18.728 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. 0.000 min
Lab File: VN086682.D
Acq: 19 May 2025 12:14

Tgt Ion:146 Resp: 95478
Ion Ratio Lower Upper
146 100
111 40.3 20.6 61.8
148 63.2 32.0 96.0

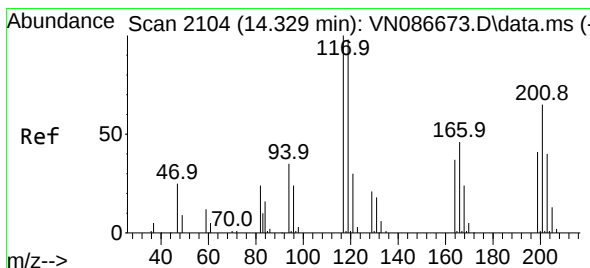
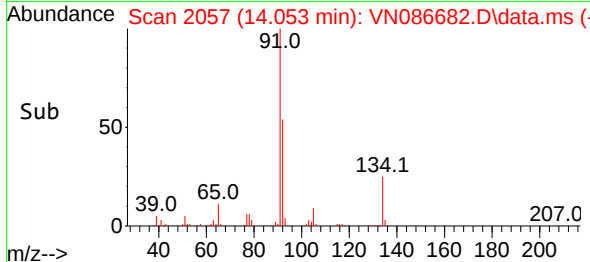
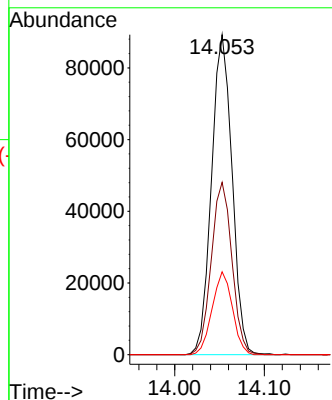
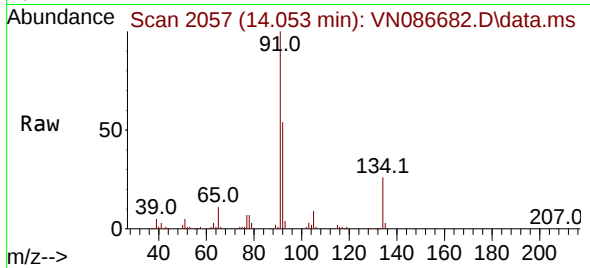




#89
n-Butylbenzene
Concen: 18.887 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN086682.D
Acq: 19 May 2025 12:14

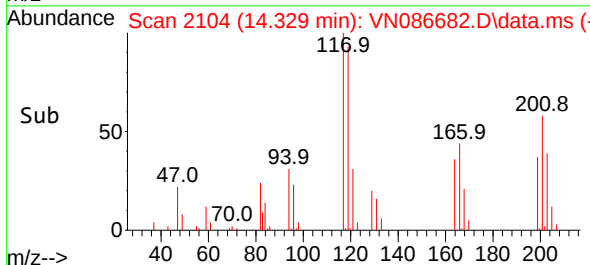
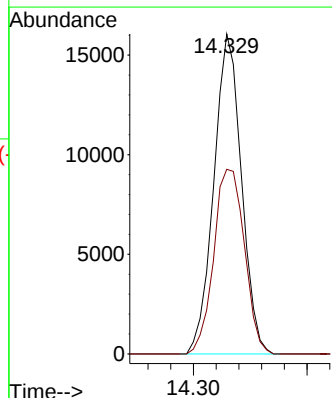
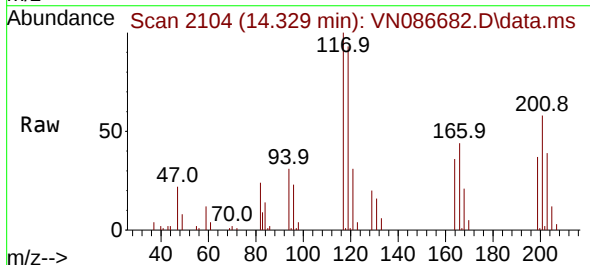
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01

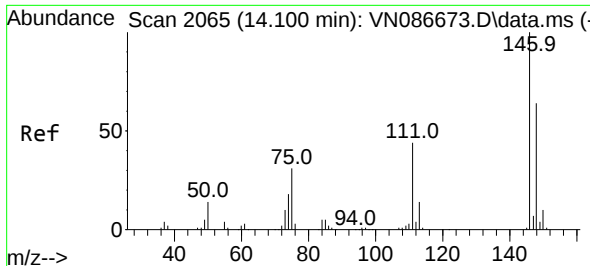
Tgt Ion: 91 Resp: 142030
Ion Ratio Lower Upper
91 100
92 54.1 27.4 82.0
134 25.6 12.8 38.4



#90
Hexachloroethane
Concen: 18.021 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN086682.D
Acq: 19 May 2025 12:14

Tgt Ion: 117 Resp: 27123
Ion Ratio Lower Upper
117 100
201 64.1 32.0 96.0

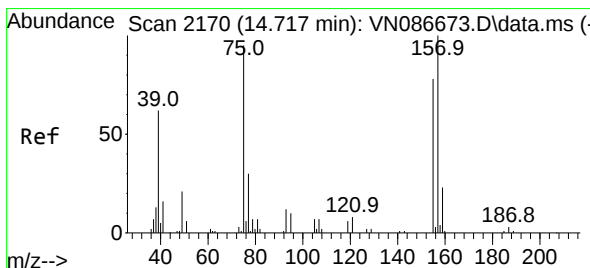
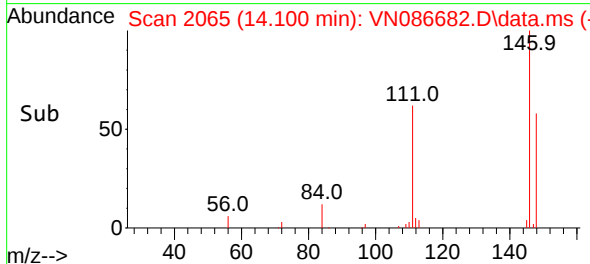
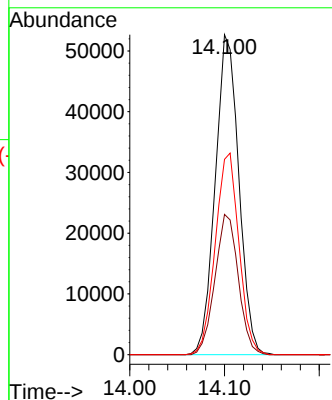
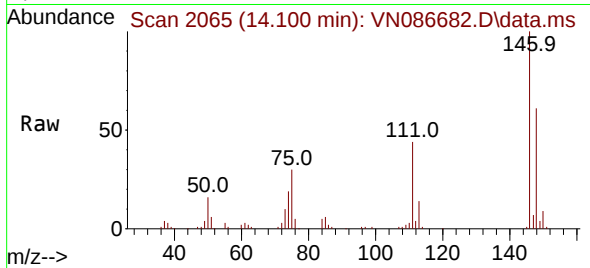




#91
1,2-Dichlorobenzene
Concen: 18.610 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VN086682.D
Acq: 19 May 2025 12:14

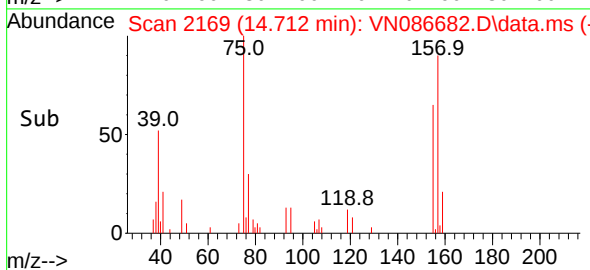
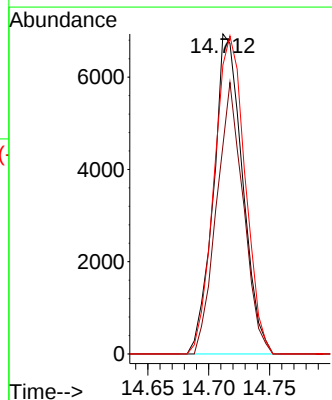
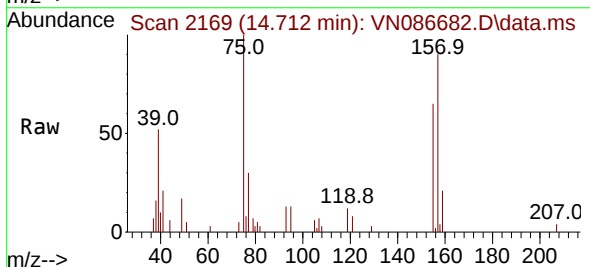
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01

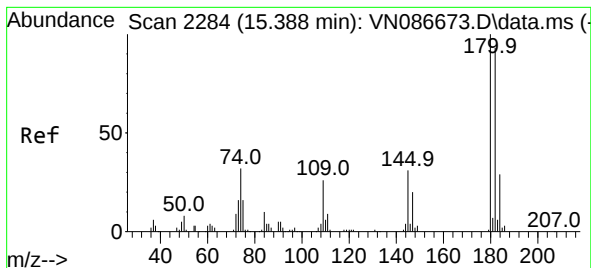
Tgt Ion:146 Resp: 91080
Ion Ratio Lower Upper
146 100
111 43.4 21.6 65.0
148 63.4 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.175 ug/l
RT: 14.712 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VN086682.D
Acq: 19 May 2025 12:14

Tgt Ion: 75 Resp: 11528
Ion Ratio Lower Upper
75 100
155 78.1 40.5 121.5
157 105.2 53.6 160.8





#93

1,2,4-Trichlorobenzene

Concen: 19.437 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. 0.000 min

Lab File: VN086682.D

Acq: 19 May 2025 12:14

Instrument :

MSVOA_N

ClientSampleId :

VN0519WBSD01

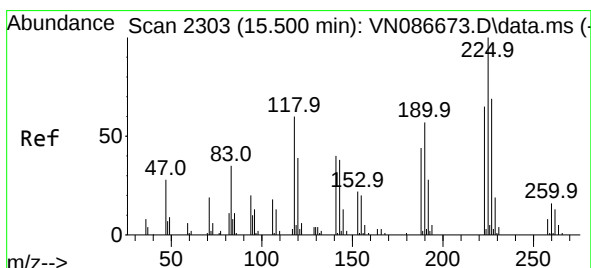
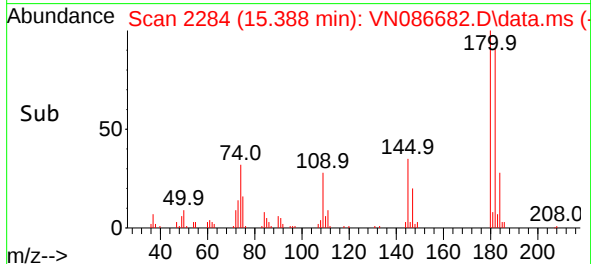
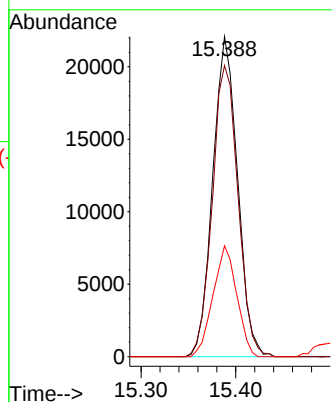
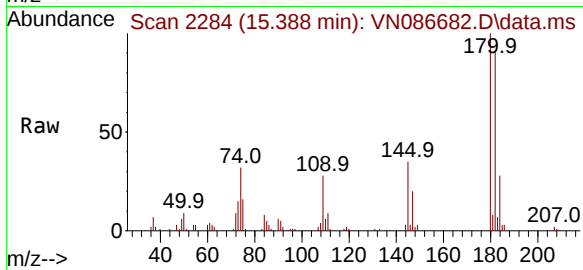
Tgt Ion:180 Resp: 40153

Ion Ratio Lower Upper

180 100

182 94.2 47.1 141.3

145 33.1 15.6 46.8



#94

Hexachlorobutadiene

Concen: 19.212 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN086682.D

Acq: 19 May 2025 12:14

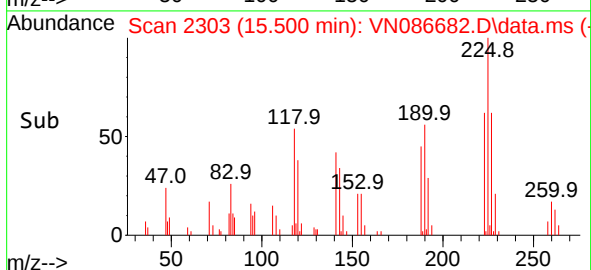
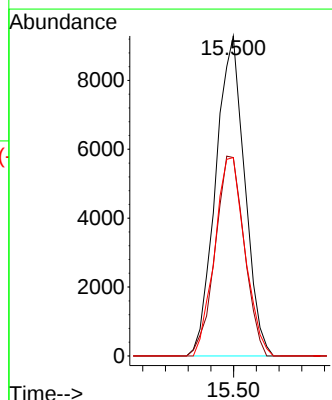
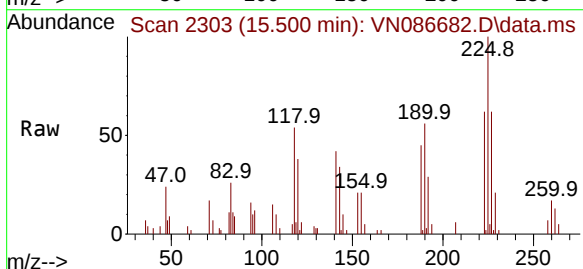
Tgt Ion:225 Resp: 16467

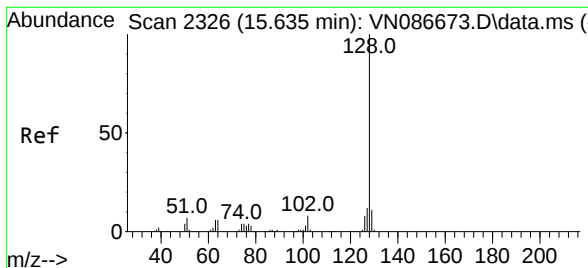
Ion Ratio Lower Upper

225 100

223 62.6 32.9 98.6

227 64.3 32.4 97.2





#95

Naphthalene

Concen: 18.850 ug/l

RT: 15.635 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN086682.D

Acq: 19 May 2025 12:14

Instrument :

MSVOA_N

ClientSampleId :

VN0519WBSD01

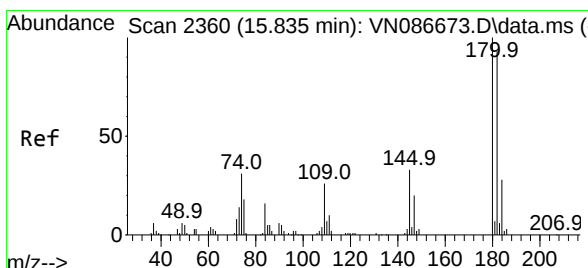
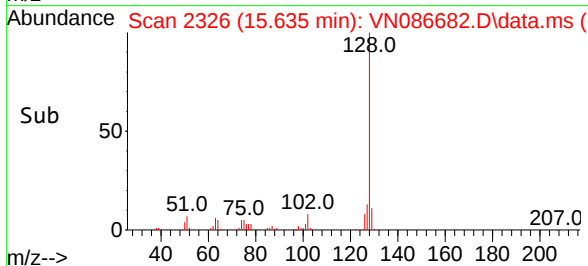
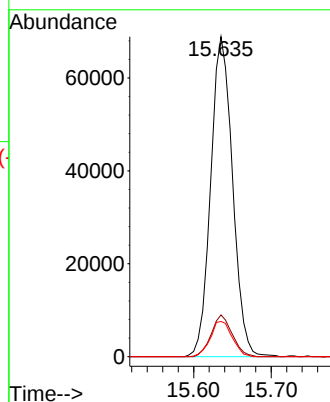
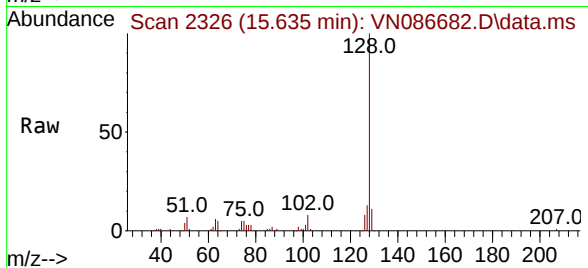
Tgt Ion:128 Resp: 135212

Ion Ratio Lower Upper

128 100

127 12.5 10.1 15.1

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.564 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN086682.D

Acq: 19 May 2025 12:14

Tgt Ion:180 Resp: 39579

Ion Ratio Lower Upper

180 100

182 93.6 47.0 141.2

145 32.3 16.7 50.1

