

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051625\
 Data File : VN086674.D
 Acq On : 16 May 2025 18:32
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: May 17 00:17:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:09:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	212535	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	385603	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	356581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	159823	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	296706	96.970	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 193.940%#	
35) Dibromofluoromethane	8.165	113	239789	124.964	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 249.920%#	
50) Toluene-d8	10.565	98	1021539	106.809	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 213.620%#	
62) 4-Bromofluorobenzene	12.847	95	370788	106.718	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 213.440%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	272626	107.954	ug/l	99
3) Chloromethane	2.359	50	361119	98.097	ug/l	98
4) Vinyl Chloride	2.512	62	336647	97.082	ug/l	99
5) Bromomethane	2.930	94	175755	109.049	ug/l	97
6) Chloroethane	3.106	64	208872	90.254	ug/l	96
7) Trichlorofluoromethane	3.494	101	393305	101.309	ug/l	96
8) Diethyl Ether	3.959	74	162276	96.605	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	233520	99.655	ug/l	99
10) Methyl Iodide	4.583	142	299898	114.531	ug/l	99
11) Tert butyl alcohol	5.518	59	267486	477.347	ug/l	98
12) 1,1-Dichloroethene	4.336	96	247923	99.203	ug/l	98
13) Acrolein	4.177	56	295287	773.336	ug/l	99
14) Allyl chloride	5.018	41	371902	85.045	ug/l	99
15) Acrylonitrile	5.712	53	701724	506.348	ug/l	99
16) Acetone	4.424	43	539112	439.506	ug/l	99
17) Carbon Disulfide	4.712	76	710987	95.061	ug/l	100
18) Methyl Acetate	5.018	43	291114	80.520	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	842311	92.293	ug/l	99
20) Methylene Chloride	5.271	84	290581	101.686	ug/l	97
21) trans-1,2-Dichloroethene	5.788	96	260585	99.571	ug/l	99
22) Diisopropyl ether	6.671	45	840075	88.050	ug/l	98
23) Vinyl Acetate	6.600	43	3184524	472.168	ug/l	99
24) 1,1-Dichloroethane	6.565	63	491576	96.742	ug/l	99
25) 2-Butanone	7.477	43	887511	466.747	ug/l	100
26) 2,2-Dichloropropane	7.488	77	391899	87.002	ug/l	100
27) cis-1,2-Dichloroethene	7.482	96	320382	98.737	ug/l	99
28) Bromochloromethane	7.812	49	212881	97.978	ug/l	98
29) Tetrahydrofuran	7.835	42	582167	457.944	ug/l	100
30) Chloroform	7.965	83	481570	96.199	ug/l	98
31) Cyclohexane	8.253	56	430663	87.454	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	412582	96.254	ug/l	98
36) 1,1-Dichloropropene	8.365	75	358680	100.608	ug/l	99
37) Ethyl Acetate	7.559	43	345729	92.202	ug/l	100
38) Carbon Tetrachloride	8.359	117	350376	102.652	ug/l	99
39) Methylcyclohexane	9.600	83	395616	94.309	ug/l	99
40) Benzene	8.606	78	1146502	100.185	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	189373	88.081	ug/l	98
42) 1,2-Dichloroethane	8.665	62	348779	95.719	ug/l	99
43) Isopropyl Acetate	8.682	43	601666	67.195	ug/l	98
44) Trichloroethene	9.347	130	281707	103.544	ug/l	99
45) 1,2-Dichloropropane	9.618	63	271732	97.526	ug/l	100
46) Dibromomethane	9.706	93	183465	102.669	ug/l	100
47) Bromodichloromethane	9.888	83	383086	99.439	ug/l	97
48) Methyl methacrylate	9.676	41	282329	86.928	ug/l	99
49) 1,4-Dioxane	9.694	88	112938	1965.825	ug/l	96
51) 4-Methyl-2-Pentanone	10.441	43	1801423	472.646	ug/l	98
52) Toluene	10.629	92	729998	102.251	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	427269	100.206	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	451979	96.359	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	260447	101.145	ug/l	99
56) Ethyl methacrylate	10.870	69	460358	97.988	ug/l	99
57) 1,3-Dichloropropane	11.159	76	458200	100.514	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	1060521	480.691	ug/l	100
59) 2-Hexanone	11.194	43	1333834	471.399	ug/l	98
60) Dibromochloromethane	11.359	129	295955	105.038	ug/l	99
61) 1,2-Dibromoethane	11.465	107	273192	104.827	ug/l	99
64) Tetrachloroethene	11.100	164	279652	102.021	ug/l	98
65) Chlorobenzene	11.888	112	805636	101.096	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	261746	99.614	ug/l	99
67) Ethyl Benzene	11.959	91	1432940	100.224	ug/l	99
68) m/p-Xylenes	12.070	106	1104589	205.723	ug/l	99
69) o-Xylene	12.394	106	541462	101.570	ug/l	98
70) Styrene	12.406	104	918616	103.860	ug/l	100
71) Bromoform	12.576	173	200330	101.356	ug/l #	97
73) Isopropylbenzene	12.694	105	1285698	99.096	ug/l	100
74) N-amyl acetate	12.488	43	527018	82.794	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	369580	98.064	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	523211	139.040	ug/l	61
77) Bromobenzene	12.976	156	313717	107.874	ug/l	99
78) n-propylbenzene	13.035	91	1519746	99.656	ug/l	100
79) 2-Chlorotoluene	13.123	91	941604	98.175	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	1040889	98.009	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	151480	96.916	ug/l	95
82) 4-Chlorotoluene	13.217	91	946308	99.671	ug/l	99
83) tert-Butylbenzene	13.435	119	887979	96.375	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	1053192	97.589	ug/l	100
85) sec-Butylbenzene	13.611	105	1238888	97.578	ug/l	100
86) p-Isopropyltoluene	13.723	119	1042829	99.663	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	548281	100.759	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	547029	100.036	ug/l	99
89) n-Butylbenzene	14.053	91	885854	96.440	ug/l	100
90) Hexachloroethane	14.329	117	177725	100.975	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	511274	96.922	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	68755	92.118	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	249837	100.491	ug/l	99
94) Hexachlorobutadiene	15.494	225	90372	95.636	ug/l	97
95) Naphthalene	15.635	128	871550	98.763	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	236333	99.955	ug/l	100

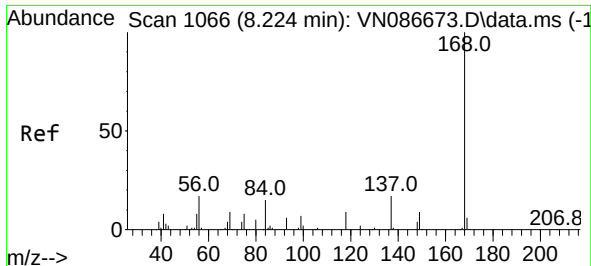
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QLast Update : Sat May 17 00:09:38 2025
Response via : Initial Calibration

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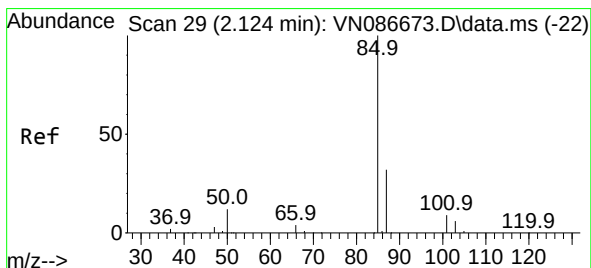
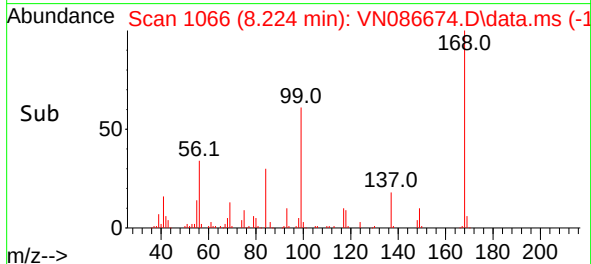
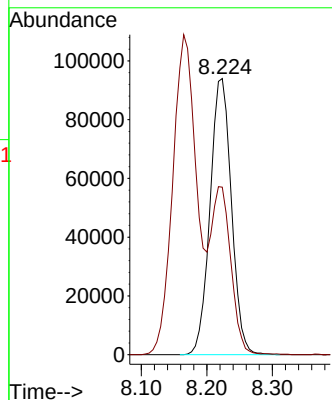
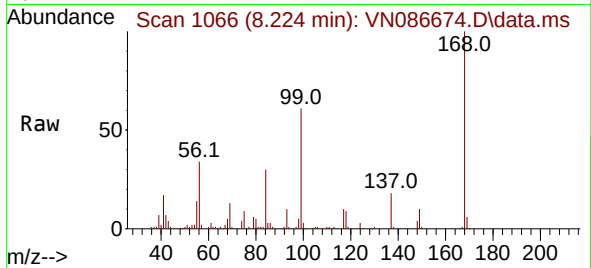
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086674.D
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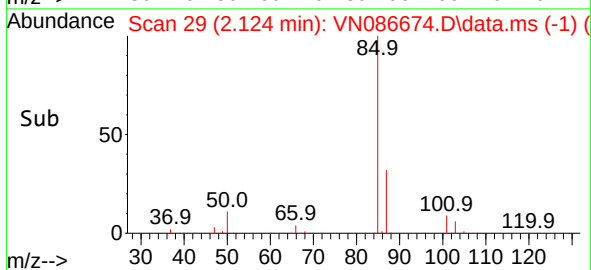
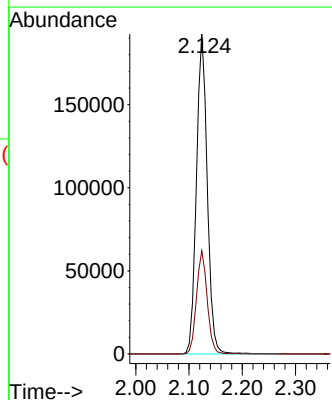
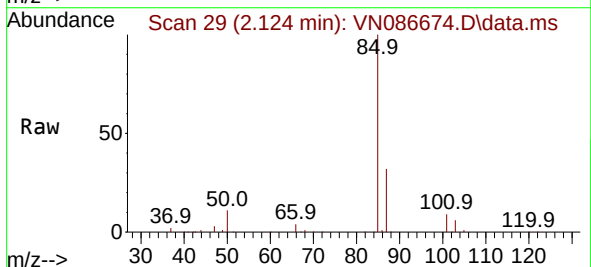
Instrument :
MSVOA_N
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VSTDIC100

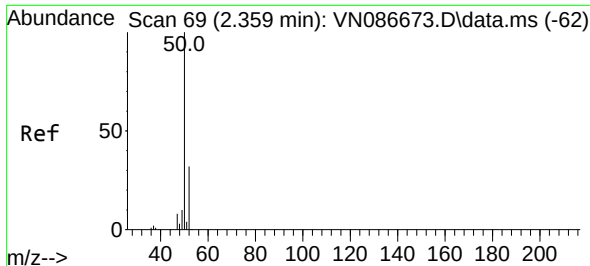
Tgt Ion:168 Resp: 212535
Ion Ratio Lower Upper
168 100
99 60.5 47.0 70.4



#2
Dichlorodifluoromethane
Concen: 107.954 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086674.D
Acq: 16 May 2025 18:32

Tgt Ion: 85 Resp: 272626
Ion Ratio Lower Upper
85 100
87 32.3 15.9 47.6

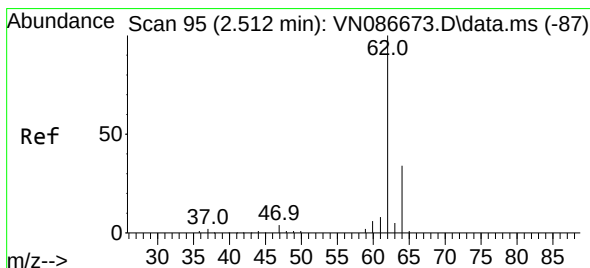
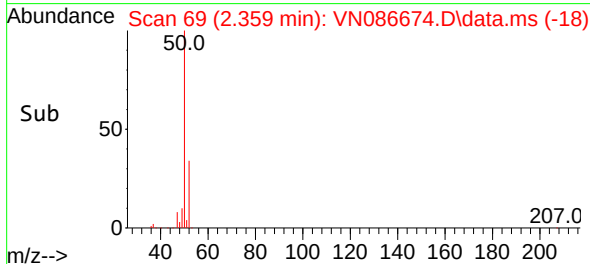
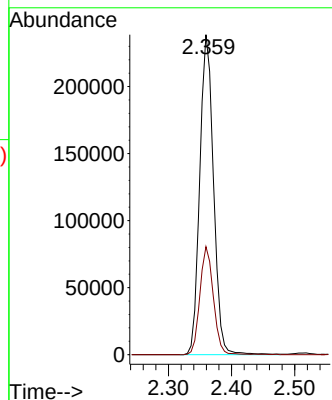
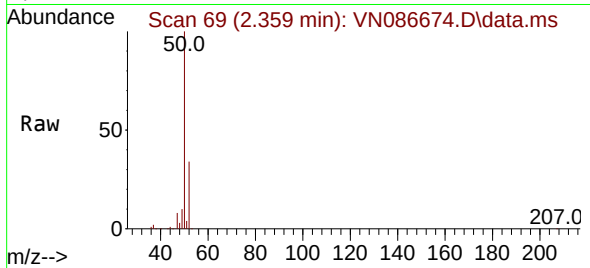




#3
Chloromethane
Concen: 98.097 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086674.D
Acq: 16 May 2025 18:32

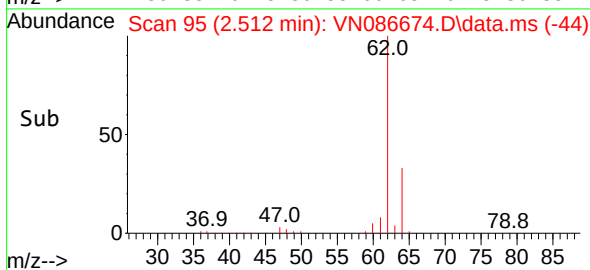
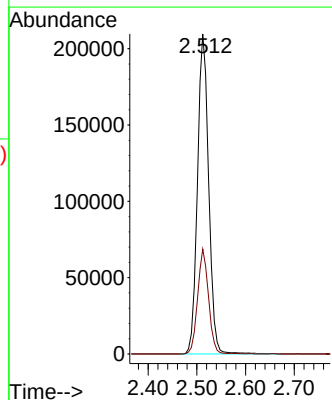
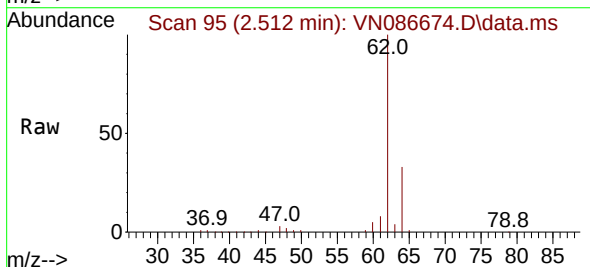
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ClientSampleId :
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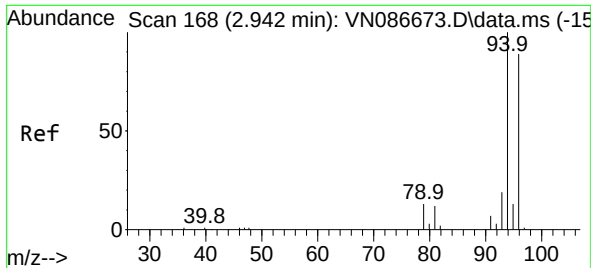
Tgt Ion: 50 Resp: 361119
Ion Ratio Lower Upper
50 100
52 33.8 25.9 38.9



#4
Vinyl Chloride
Concen: 97.082 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN086674.D
Acq: 16 May 2025 18:32

Tgt Ion: 62 Resp: 336647
Ion Ratio Lower Upper
62 100
64 32.8 26.9 40.3

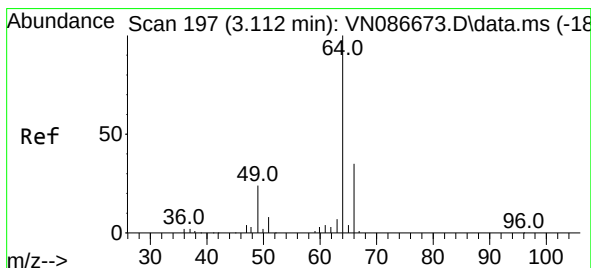
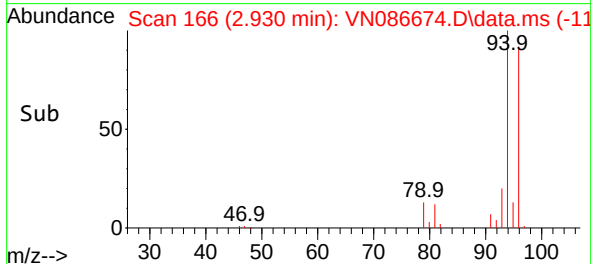
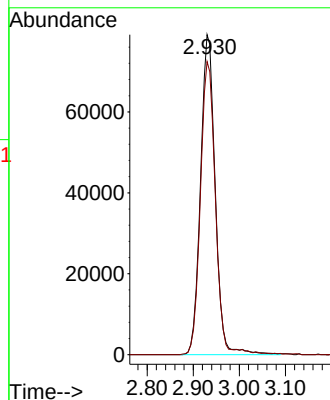
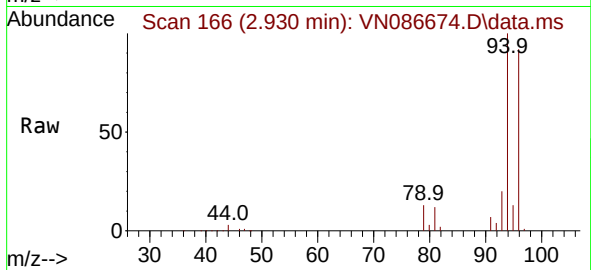




#5
Bromomethane
Concen: 109.049 ug/l
RT: 2.930 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN086674.D
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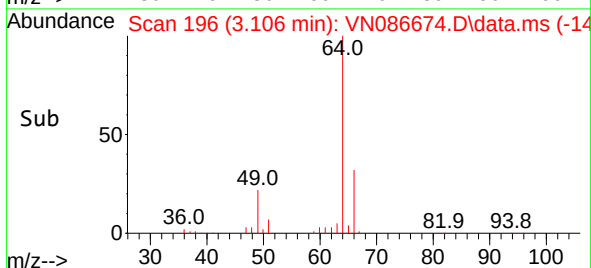
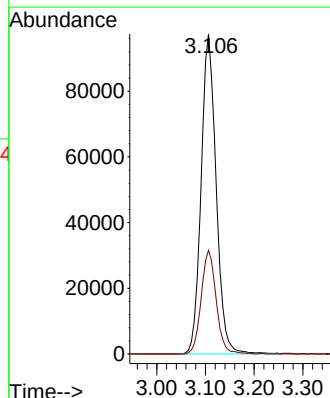
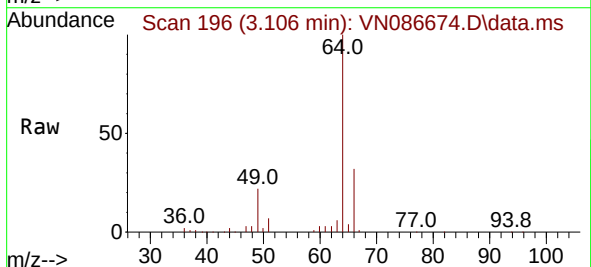
Instrument :
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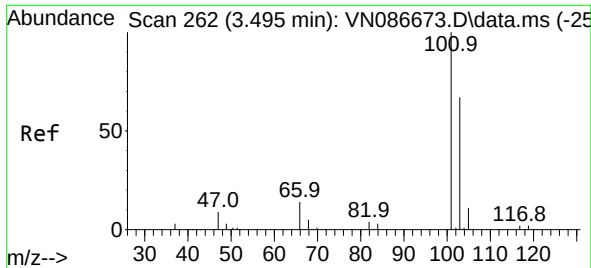
Tgt Ion: 94 Resp: 175755
Ion Ratio Lower Upper
94 100
96 91.6 71.2 106.8



#6
Chloroethane
Concen: 90.254 ug/l
RT: 3.106 min Scan# 196
Delta R.T. -0.006 min
Lab File: VN086674.D
Acq: 16 May 2025 18:32

Tgt Ion: 64 Resp: 208872
Ion Ratio Lower Upper
64 100
66 32.4 27.7 41.5

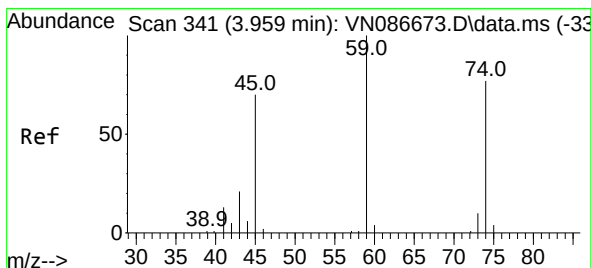
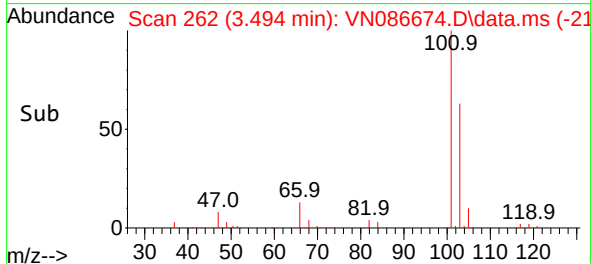
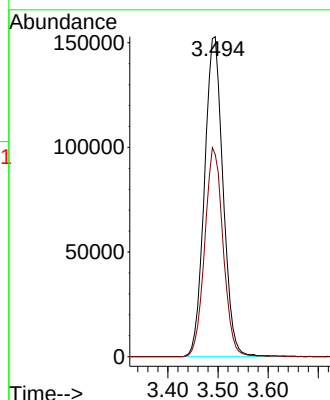
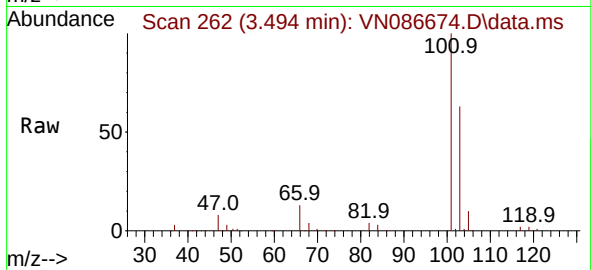




#7
Trichlorofluoromethane
Concen: 101.309 ug/l
RT: 3.494 min Scan# 210
Delta R.T. -0.000 min
Lab File: VN086674.D
Acq: 16 May 2025 18:32

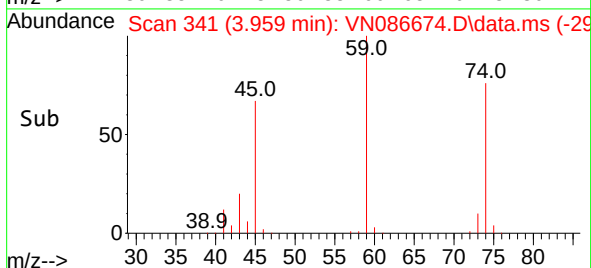
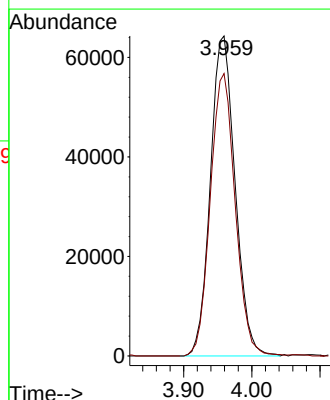
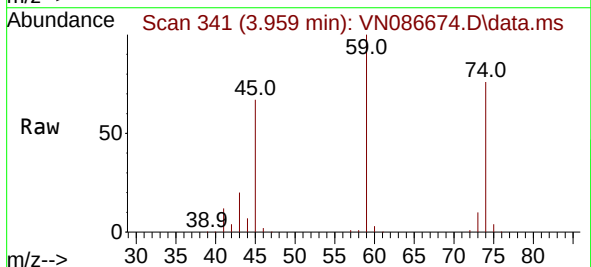
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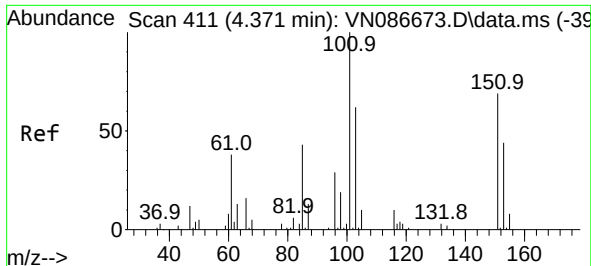
Tgt Ion:101 Resp: 393305
Ion Ratio Lower Upper
101 100
103 63.2 53.4 80.0



#8
Diethyl Ether
Concen: 96.605 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN086674.D
Acq: 16 May 2025 18:32

Tgt Ion: 74 Resp: 162276
Ion Ratio Lower Upper
74 100
45 88.9 45.0 135.0

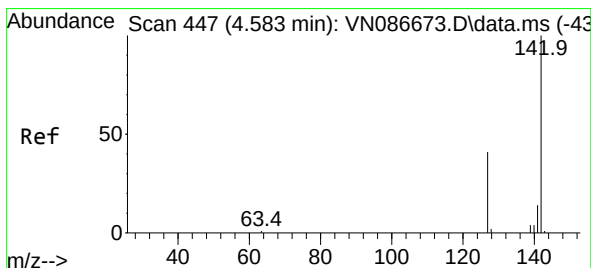
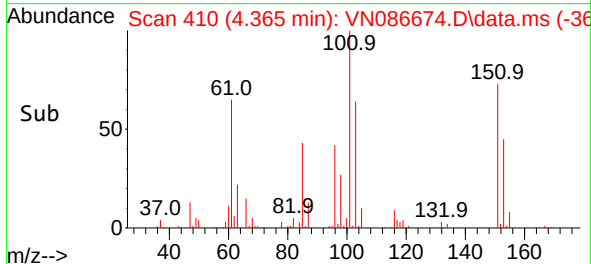
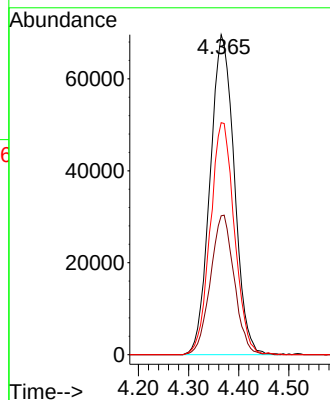
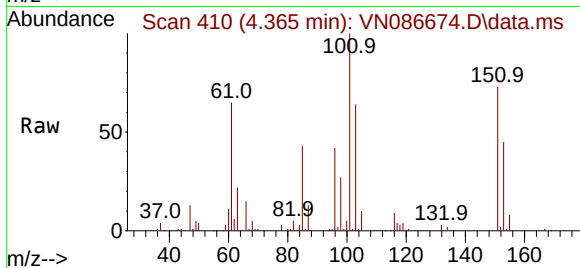




#9
1,1,2-Trichlorotrifluoroethane
Concen: 99.655 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN086674.D
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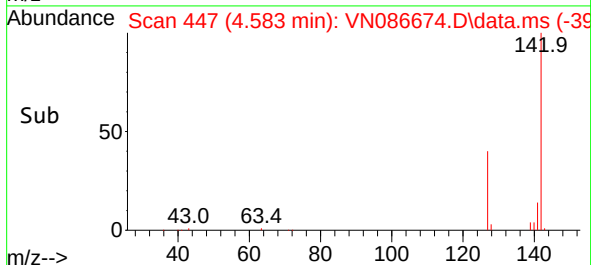
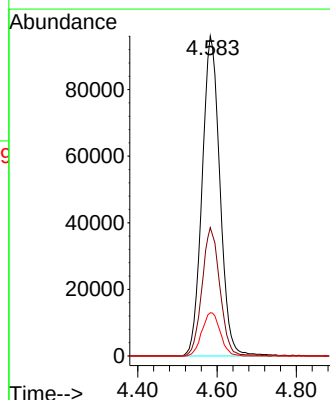
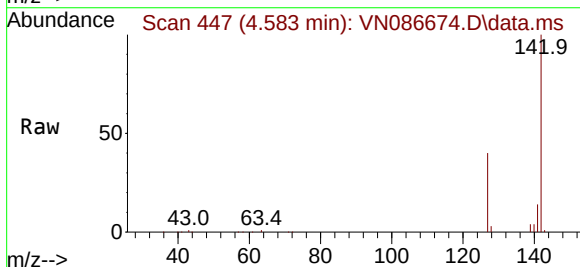
Instrument :
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ClientSampleId :
VSTDIC100

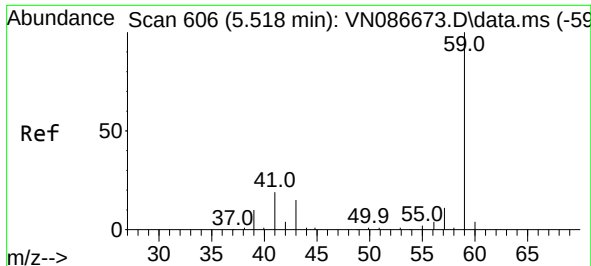
Tgt Ion:101 Resp: 233520
Ion Ratio Lower Upper
101 100
85 42.8 35.0 52.6
151 72.1 58.1 87.1



#10
Methyl Iodide
Concen: 114.531 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN086674.D
Acq: 16 May 2025 18:32

Tgt Ion:142 Resp: 299898
Ion Ratio Lower Upper
142 100
127 40.1 32.4 48.6
141 13.5 11.4 17.2

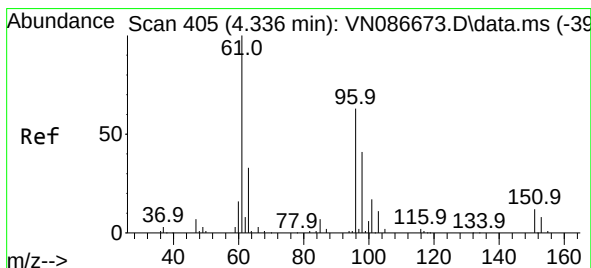
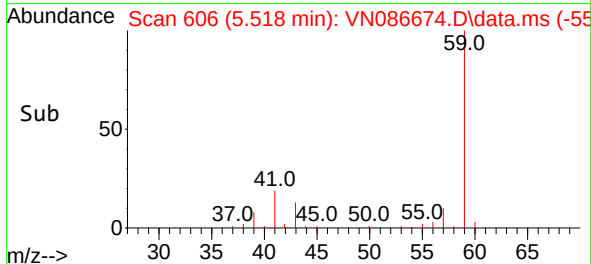
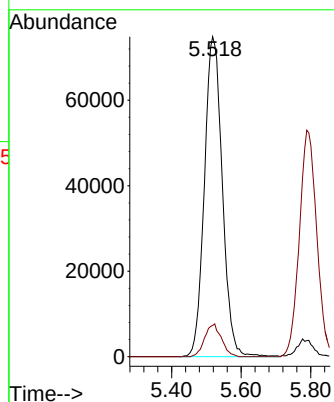
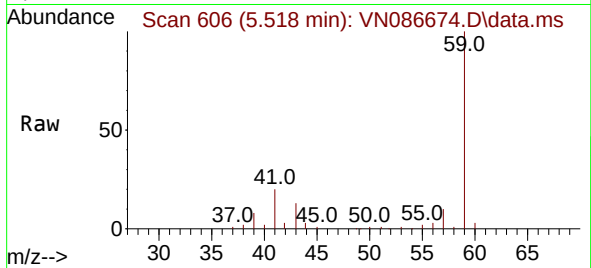




#11
Tert butyl alcohol
Concen: 477.347 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN086674.D
Acq: 16 May 2025 18:32

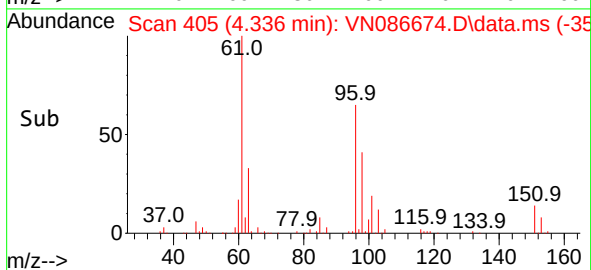
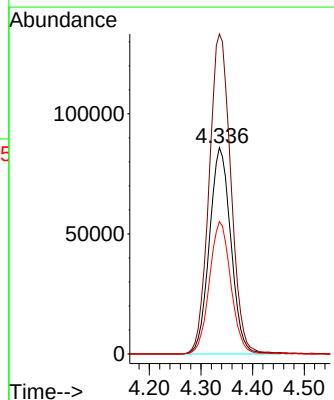
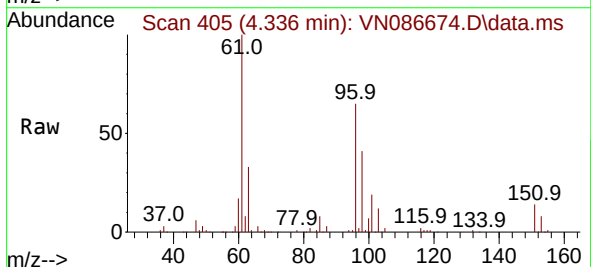
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

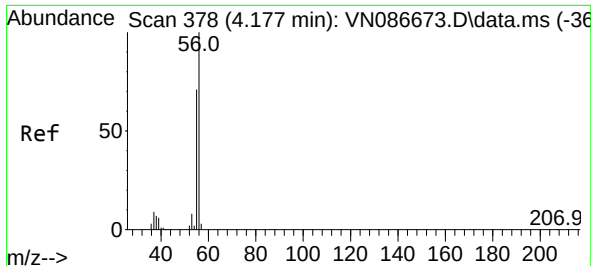
Tgt Ion: 59 Resp: 267486
Ion Ratio Lower Upper
59 100
57 9.6 8.2 12.2



#12
1,1-Dichloroethene
Concen: 99.203 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN086674.D
Acq: 16 May 2025 18:32

Tgt Ion: 96 Resp: 247923
Ion Ratio Lower Upper
96 100
61 155.0 126.2 189.2
98 64.1 51.5 77.3





#13

Acrolein

Concen: 773.336 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN086674.D

Acq: 16 May 2025 18:32

Instrument :

MSVOA_N

ClientSampleId :

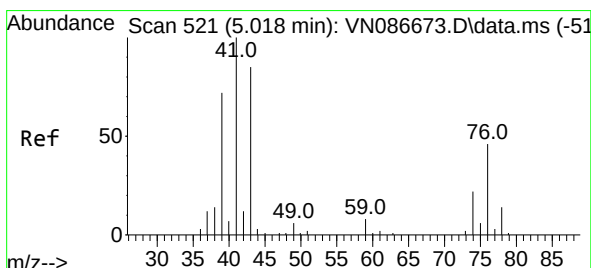
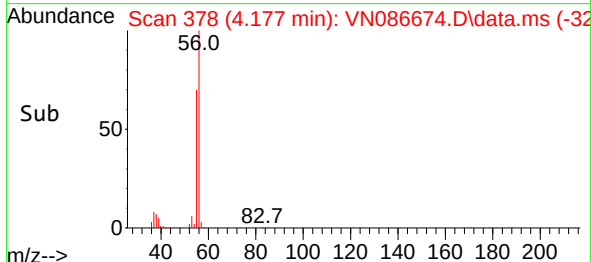
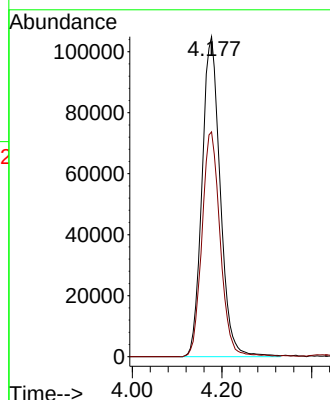
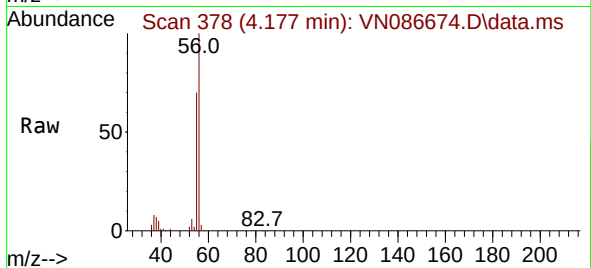
VSTDICC100

Tgt Ion: 56 Resp: 295287

Ion Ratio Lower Upper

56 100

55 70.4 55.7 83.5



#14

Allyl chloride

Concen: 85.045 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.000 min

Lab File: VN086674.D

Acq: 16 May 2025 18:32

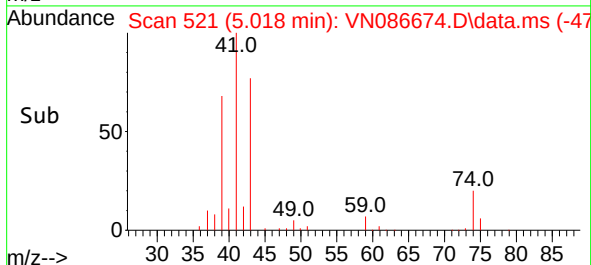
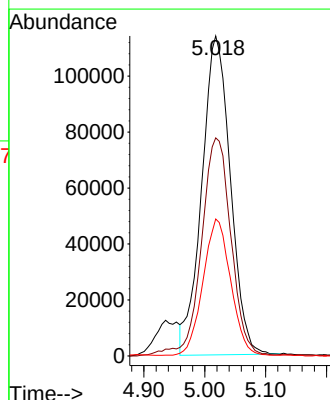
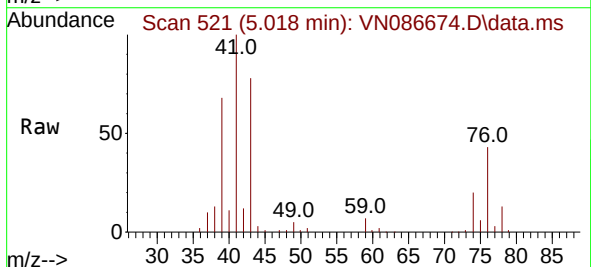
Tgt Ion: 41 Resp: 371902

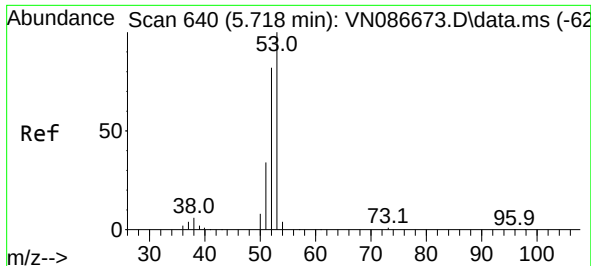
Ion Ratio Lower Upper

41 100

39 70.9 57.4 86.0

76 41.2 33.2 49.8

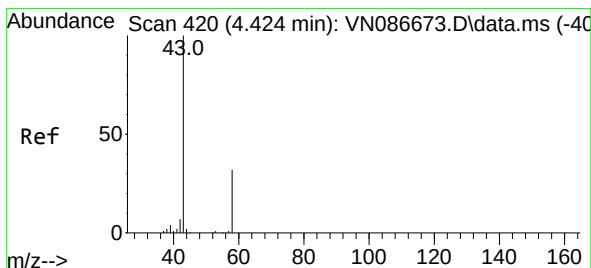
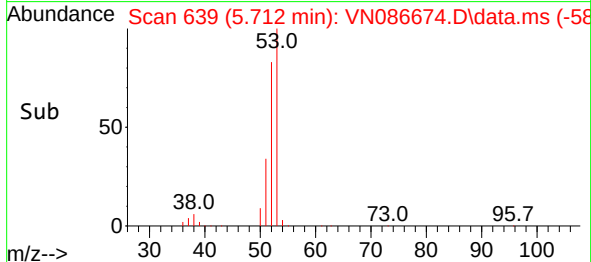
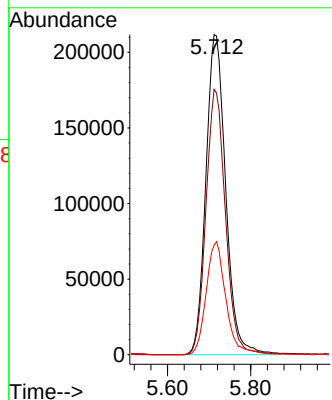
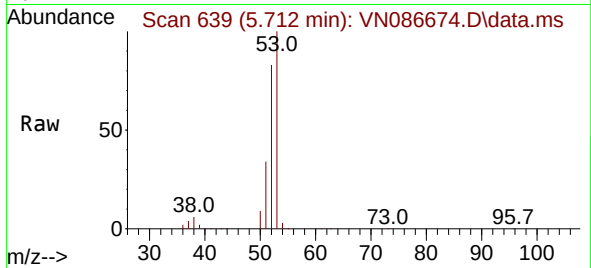




#15
Acrylonitrile
Concen: 506.348 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086674.D
Acq: 16 May 2025 18:32

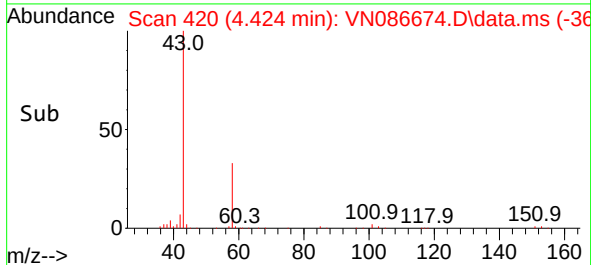
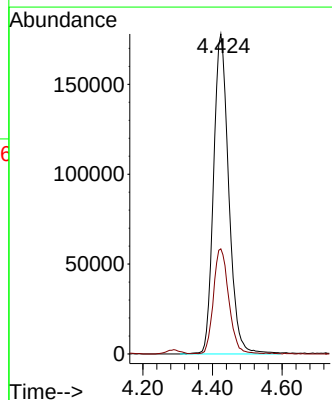
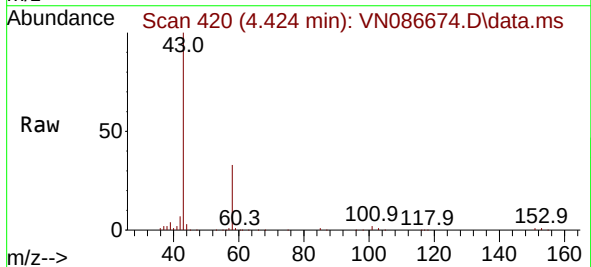
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

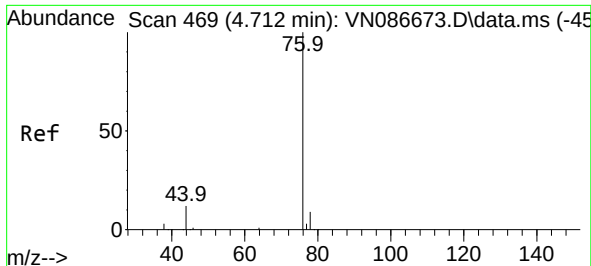
Tgt Ion: 53 Resp: 701724
Ion Ratio Lower Upper
53 100
52 81.3 65.4 98.2
51 35.3 27.9 41.9



#16
Acetone
Concen: 439.506 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086674.D
Acq: 16 May 2025 18:32

Tgt Ion: 43 Resp: 539112
Ion Ratio Lower Upper
43 100
58 32.7 25.8 38.6





#17

Carbon Disulfide

Concen: 95.061 ug/l

RT: 4.712 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN086674.D

Acq: 16 May 2025 18:32

Instrument :

MSVOA_N

ClientSampleId :

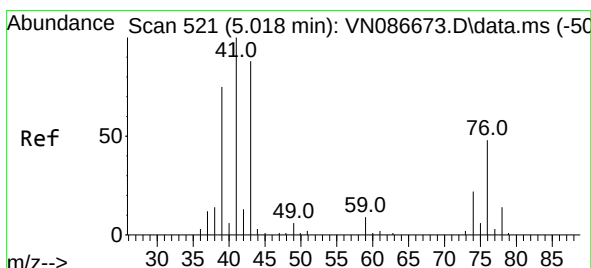
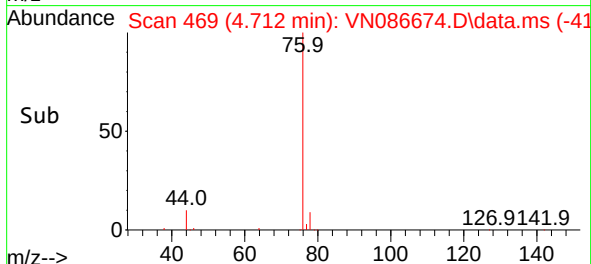
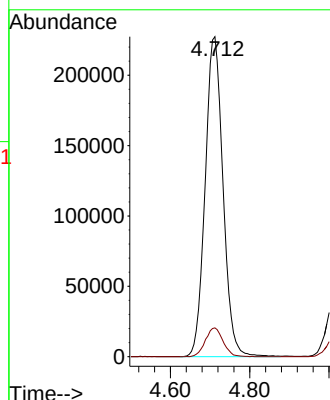
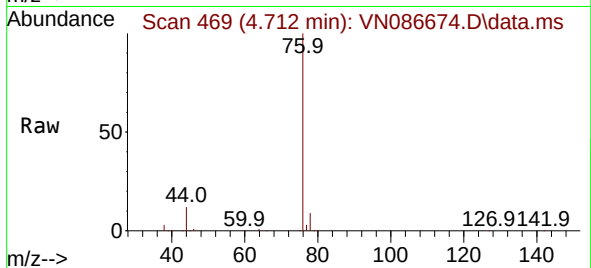
VSTDICC100

Tgt Ion: 76 Resp: 710987

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9



#18

Methyl Acetate

Concen: 80.520 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.000 min

Lab File: VN086674.D

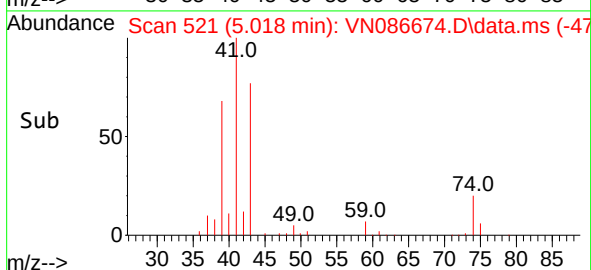
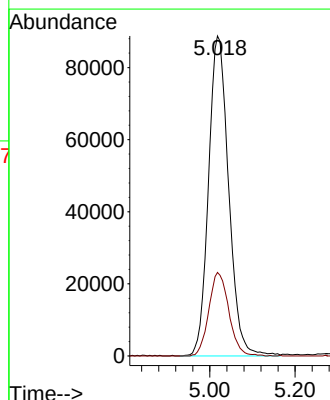
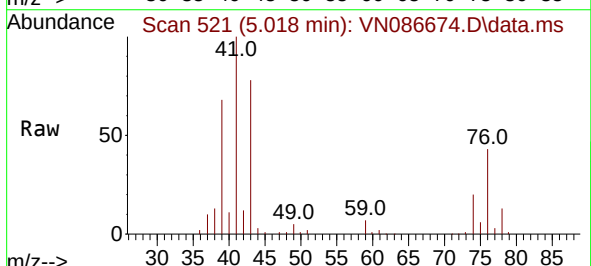
Acq: 16 May 2025 18:32

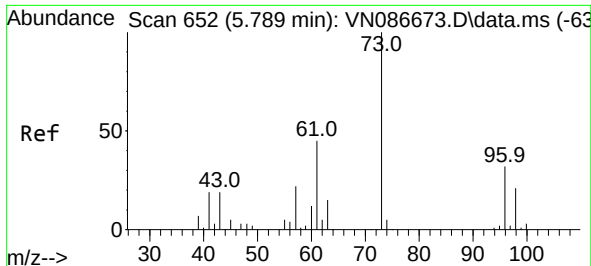
Tgt Ion: 43 Resp: 291114

Ion Ratio Lower Upper

43 100

74 26.0 20.5 30.7

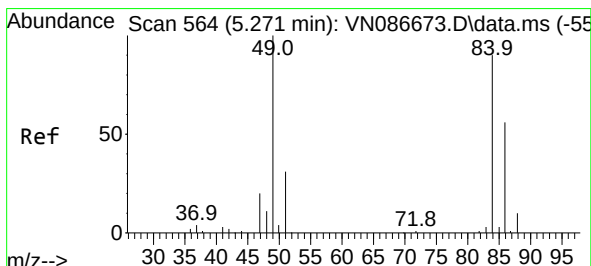
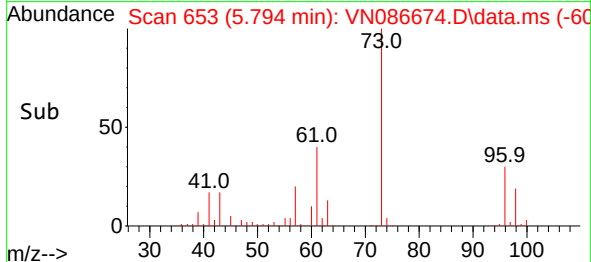
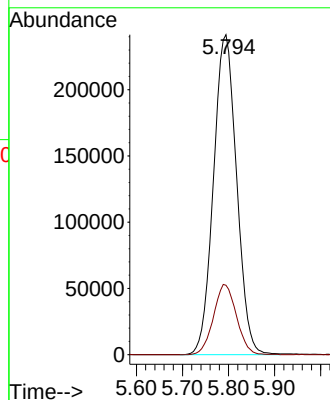
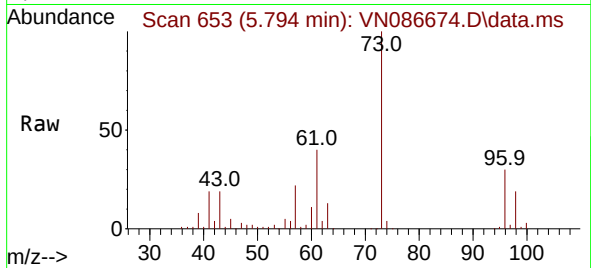




#19
Methyl tert-butyl Ether
Concen: 92.293 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086674.D
Acq: 16 May 2025 18:32

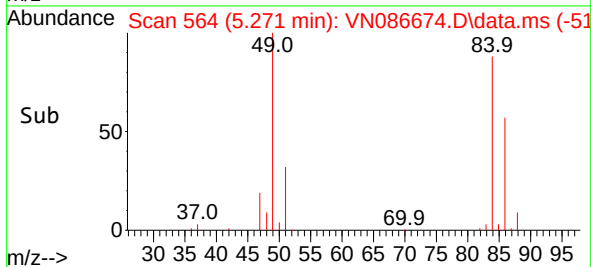
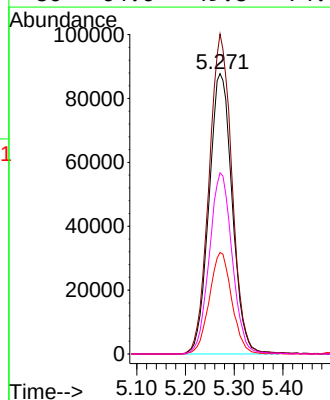
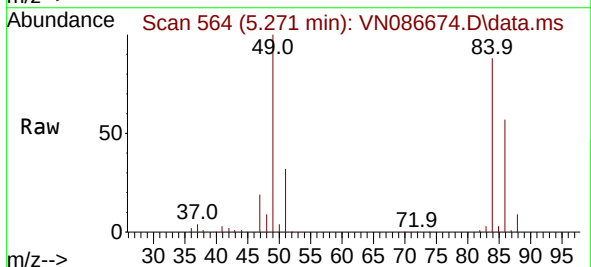
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

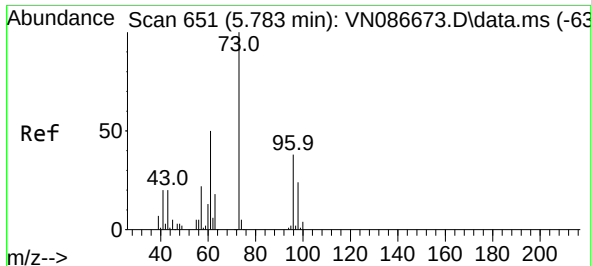
Tgt Ion: 73 Resp: 842311
Ion Ratio Lower Upper
73 100
57 21.7 17.7 26.5



#20
Methylene Chloride
Concen: 101.686 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086674.D
Acq: 16 May 2025 18:32

Tgt Ion: 84 Resp: 290581
Ion Ratio Lower Upper
84 100
49 114.2 88.8 133.2
51 36.2 27.8 41.6
86 64.6 49.8 74.6

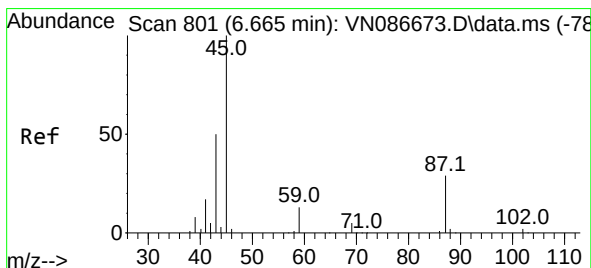
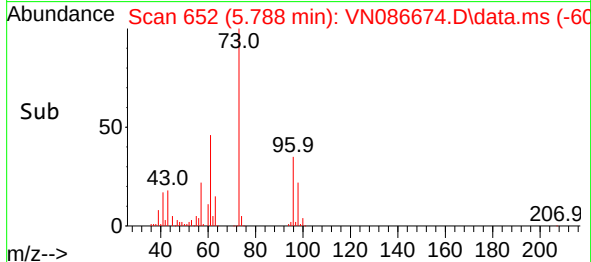
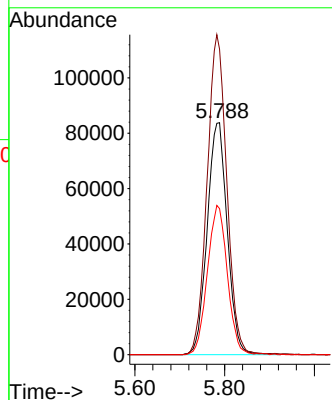
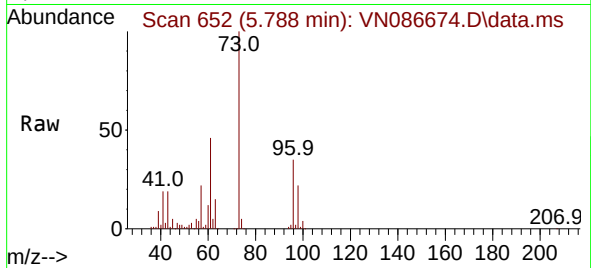




#21
trans-1,2-Dichloroethene
Concen: 99.571 ug/l
RT: 5.788 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086674.D
Acq: 16 May 2025 18:32

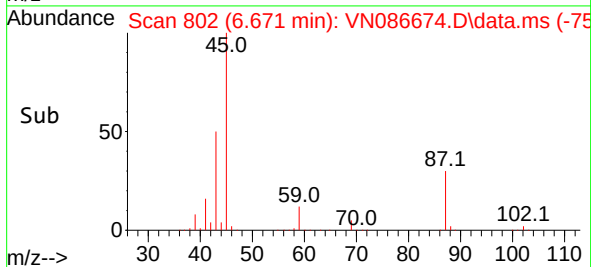
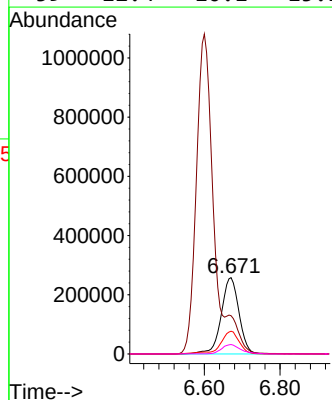
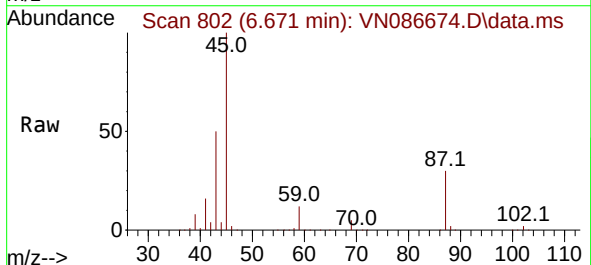
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

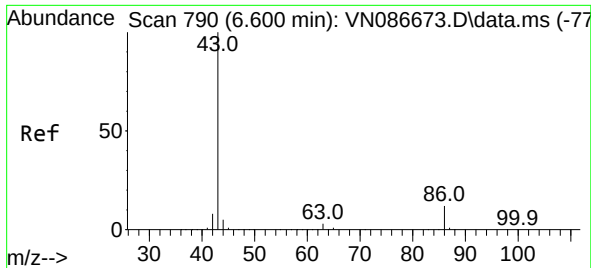
Tgt Ion: 96 Resp: 260585
Ion Ratio Lower Upper
96 100
61 131.6 105.7 158.5
98 62.9 51.0 76.6



#22
Diisopropyl ether
Concen: 88.050 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN086674.D
Acq: 16 May 2025 18:32

Tgt Ion: 45 Resp: 840075
Ion Ratio Lower Upper
45 100
43 49.7 41.4 62.2
87 29.8 22.9 34.3
59 12.4 10.1 15.1

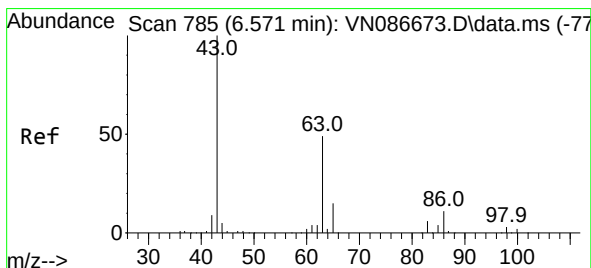
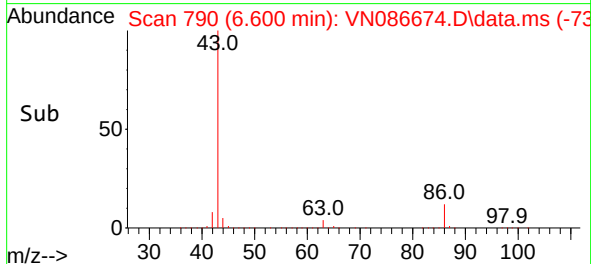
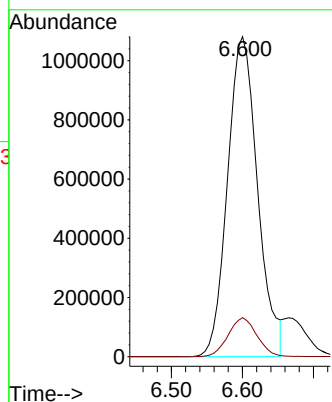
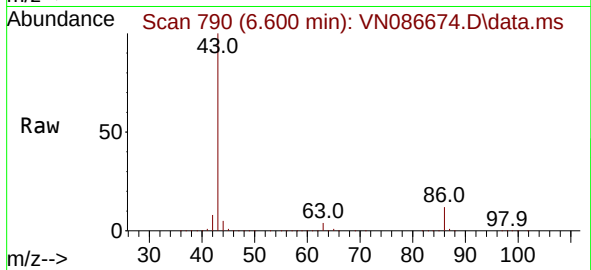




#23
 Vinyl Acetate
 Concen: 472.168 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086674.D
 Acq: 16 May 2025 18:32

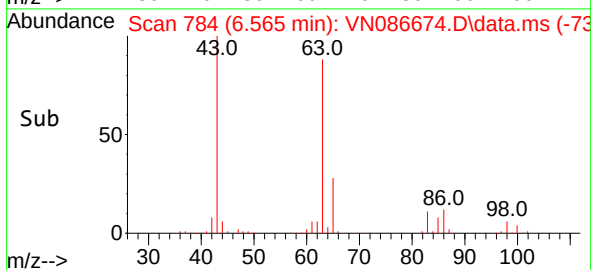
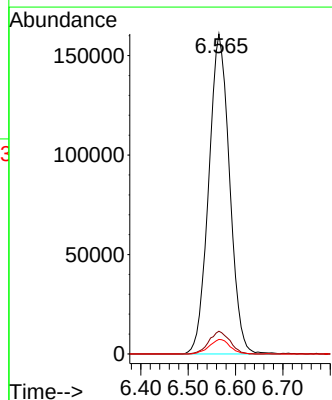
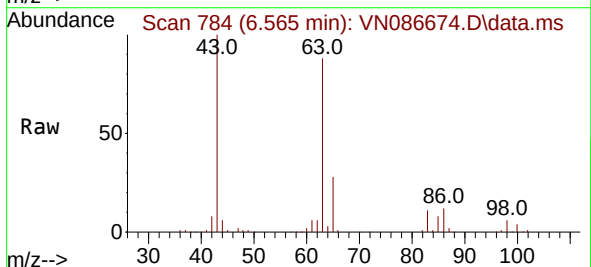
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

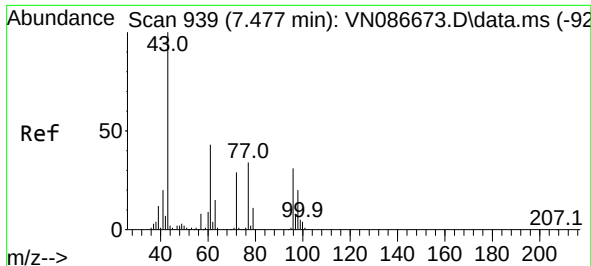
Tgt Ion: 43 Resp: 3184524
 Ion Ratio Lower Upper
 43 100
 86 12.2 9.5 14.3



#24
 1,1-Dichloroethane
 Concen: 96.742 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN086674.D
 Acq: 16 May 2025 18:32

Tgt Ion: 63 Resp: 491576
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.4 10.2
 100 4.5 2.4 7.1

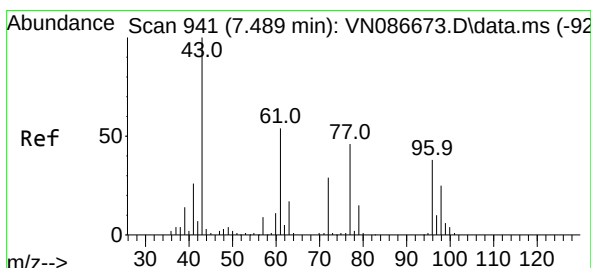
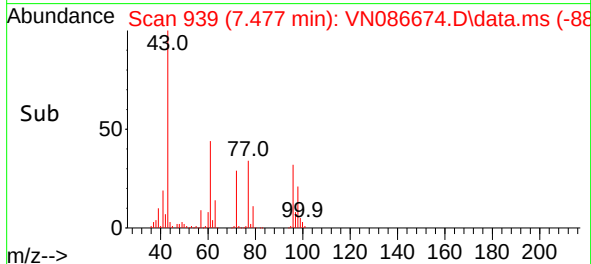
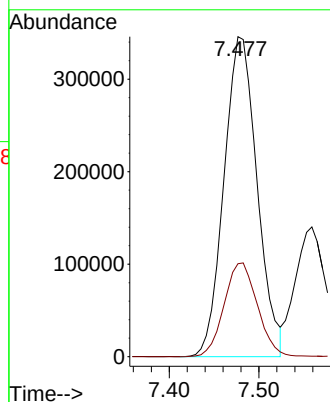
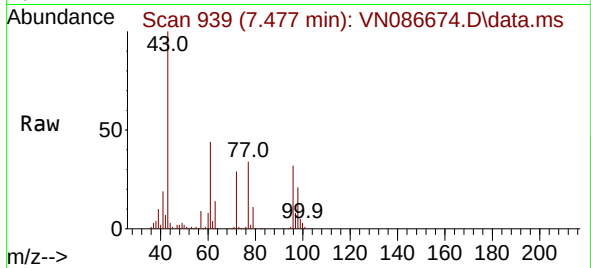




#25
2-Butanone
Concen: 466.747 ug/l
RT: 7.477 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN086674.D
Acq: 16 May 2025 18:32

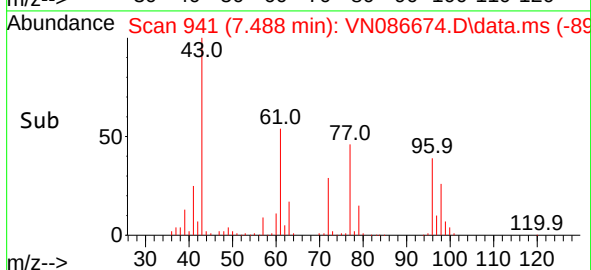
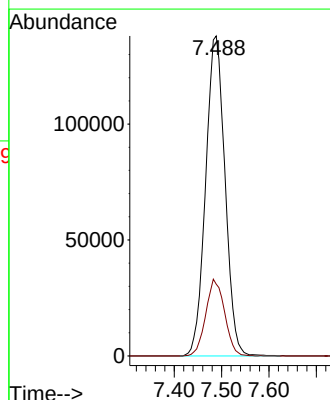
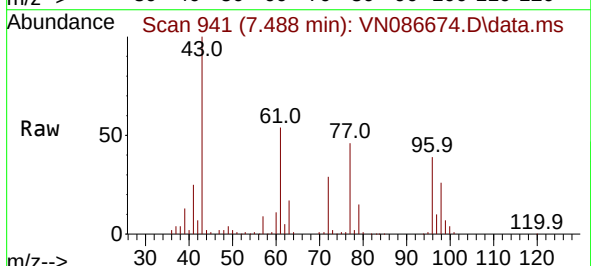
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

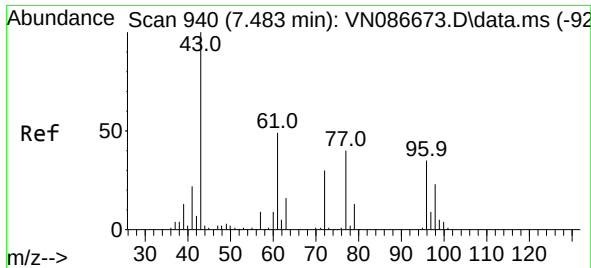
Tgt Ion: 43 Resp: 887511
Ion Ratio Lower Upper
43 100
72 29.1 23.1 34.7



#26
2,2-Dichloropropane
Concen: 87.002 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN086674.D
Acq: 16 May 2025 18:32

Tgt Ion: 77 Resp: 391899
Ion Ratio Lower Upper
77 100
97 23.3 11.6 34.7

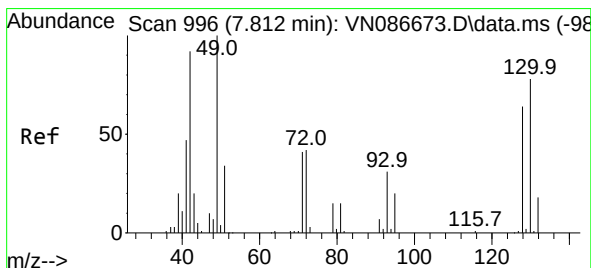
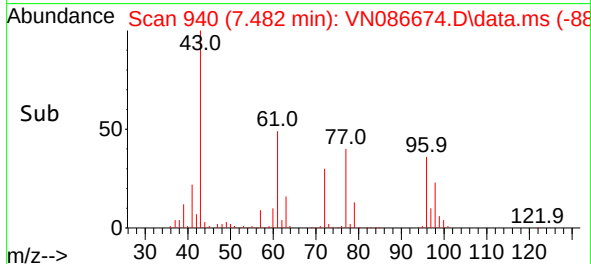
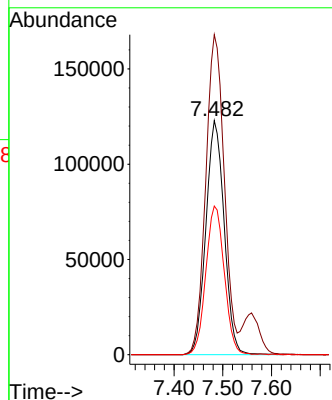
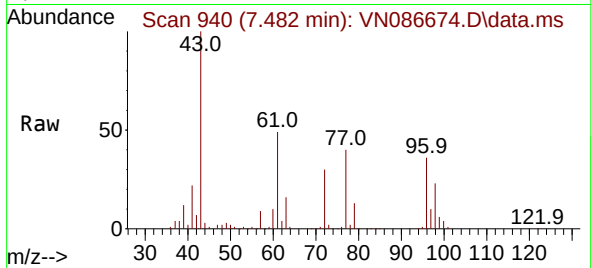




#27
 cis-1,2-Dichloroethene
 Concen: 98.737 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN086674.D
 Acq: 16 May 2025 18:32

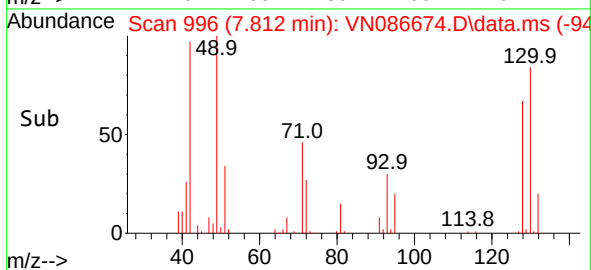
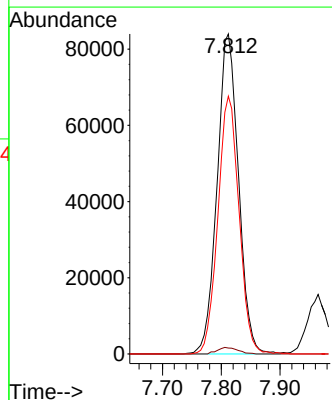
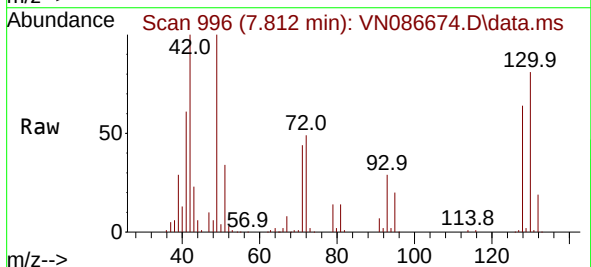
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

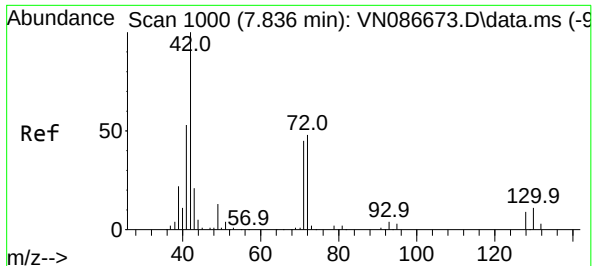
Tgt Ion: 96 Resp: 320382
 Ion Ratio Lower Upper
 96 100
 61 137.8 0.0 277.4
 98 64.1 0.0 129.6



#28
 Bromochloromethane
 Concen: 97.978 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN086674.D
 Acq: 16 May 2025 18:32

Tgt Ion: 49 Resp: 212881
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.8
 130 79.5 62.2 93.4





#29

Tetrahydrofuran

Concen: 457.944 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086674.D

Acq: 16 May 2025 18:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

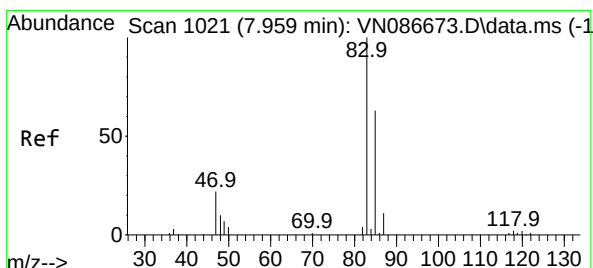
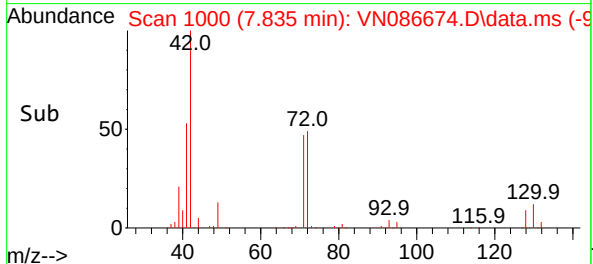
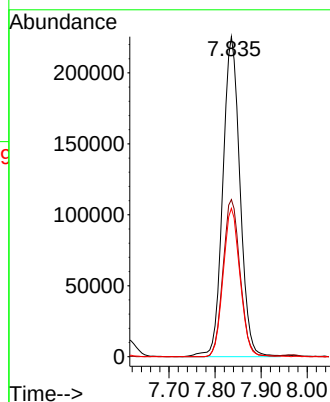
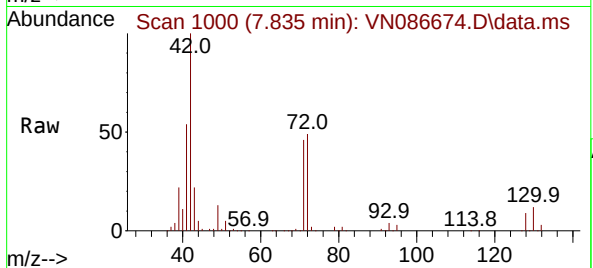
Tgt Ion: 42 Resp: 582167

Ion Ratio Lower Upper

42 100

72 48.8 38.7 58.1

71 45.5 36.2 54.4



#30

Chloroform

Concen: 96.199 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN086674.D

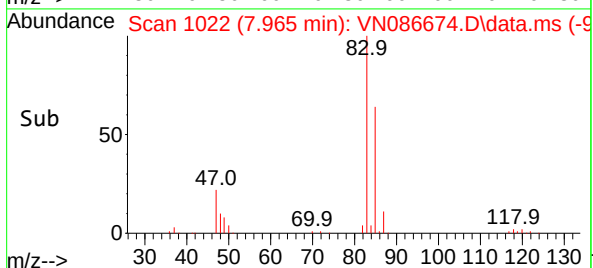
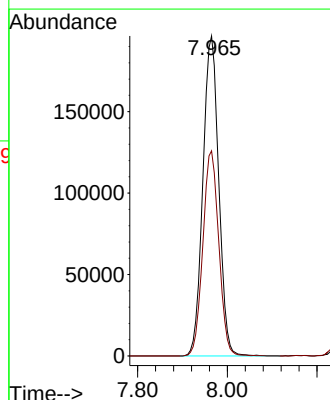
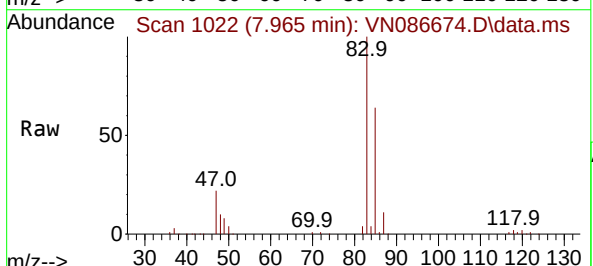
Acq: 16 May 2025 18:32

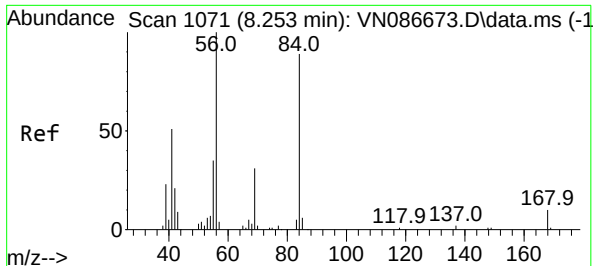
Tgt Ion: 83 Resp: 481570

Ion Ratio Lower Upper

83 100

85 64.1 50.2 75.4

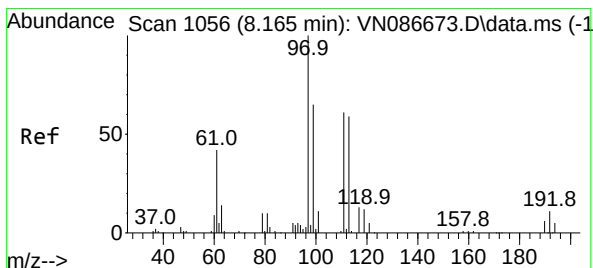
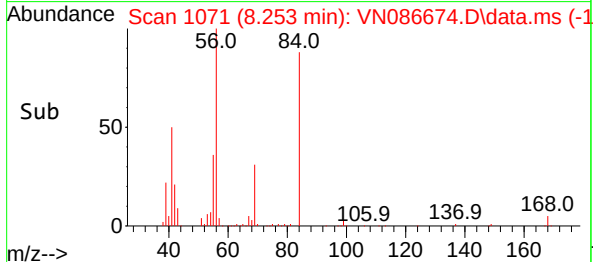
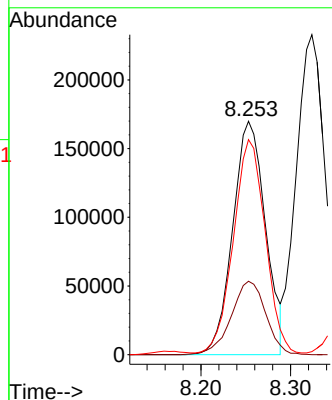
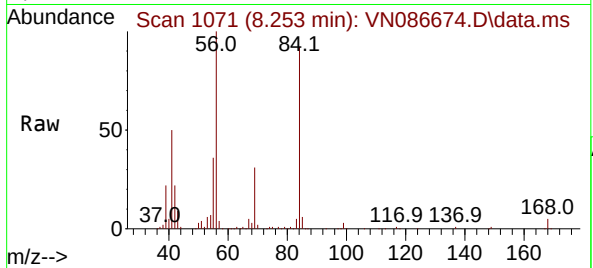




#31
Cyclohexane
Concen: 87.454 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086674.D
Acq: 16 May 2025 18:32

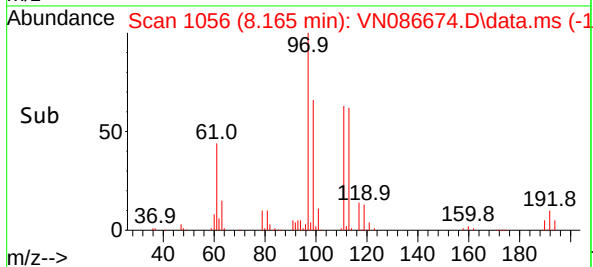
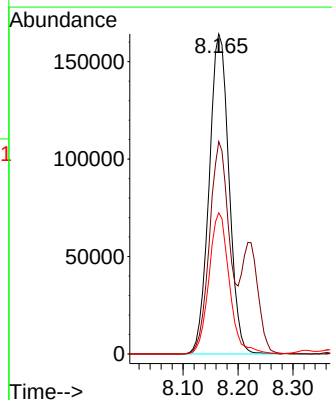
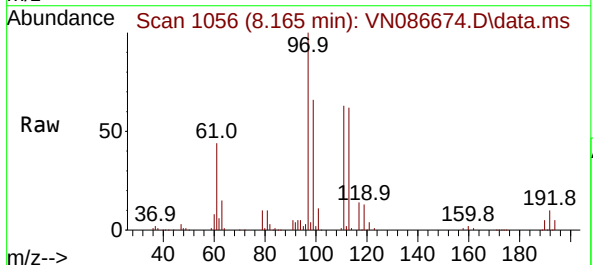
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

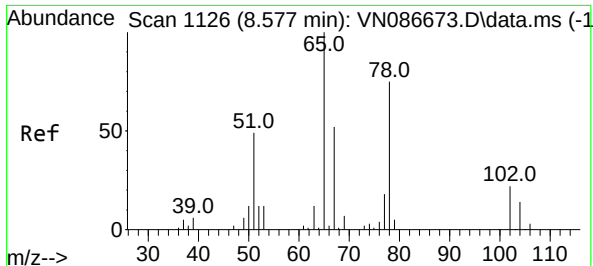
Tgt Ion: 56 Resp: 430663
Ion Ratio Lower Upper
56 100
69 31.5 25.0 37.6
84 91.0 71.0 106.4



#32
1,1,1-Trichloroethane
Concen: 96.254 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086674.D
Acq: 16 May 2025 18:32

Tgt Ion: 97 Resp: 412582
Ion Ratio Lower Upper
97 100
99 67.5 52.6 79.0
61 45.3 37.7 56.5





#33

1,2-Dichloroethane-d4

Concen: 96.970 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086674.D

Acq: 16 May 2025 18:32

Instrument :

MSVOA_N

ClientSampleId :

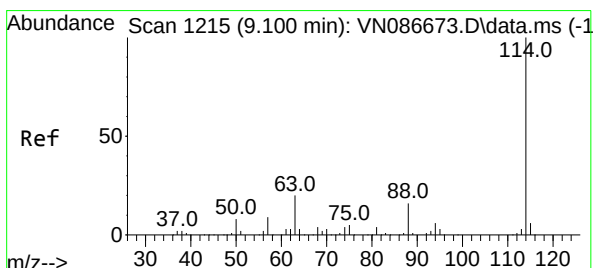
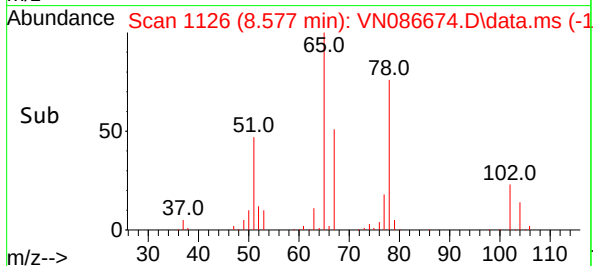
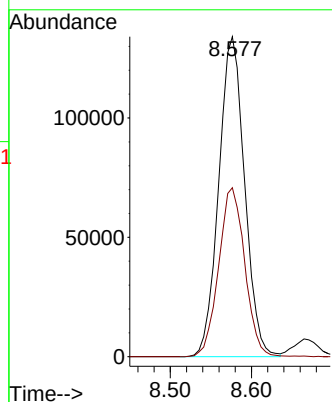
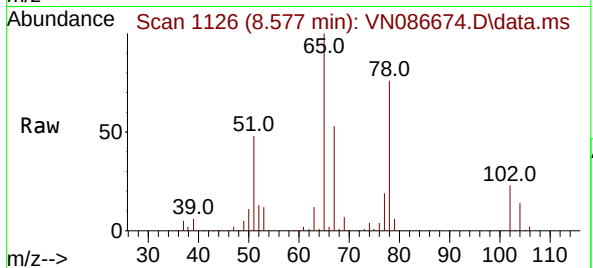
VSTDIC100

Tgt Ion: 65 Resp: 296706

Ion Ratio Lower Upper

65 100

67 53.3 0.0 106.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086674.D

Acq: 16 May 2025 18:32

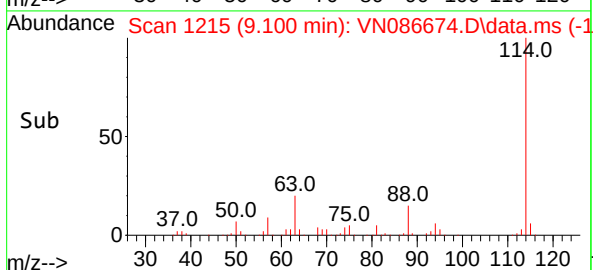
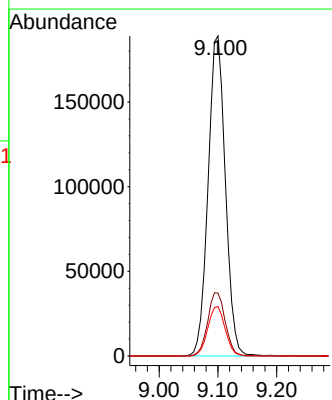
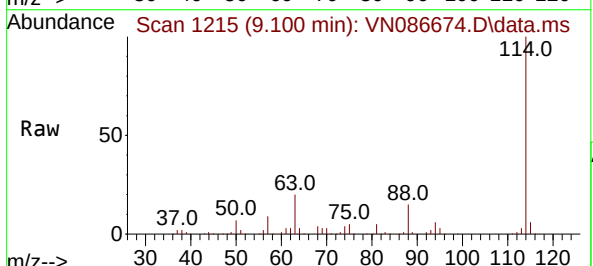
Tgt Ion: 114 Resp: 385603

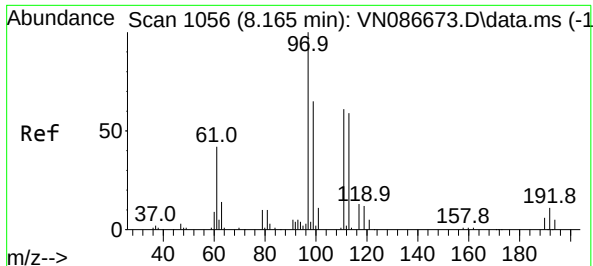
Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.2

88 15.5 0.0 31.2

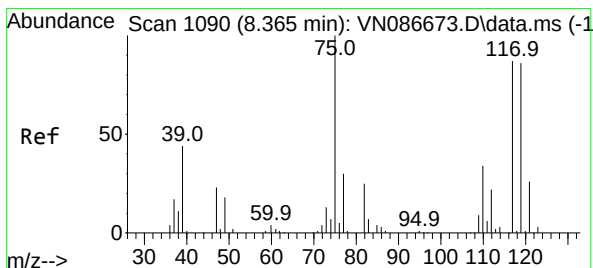
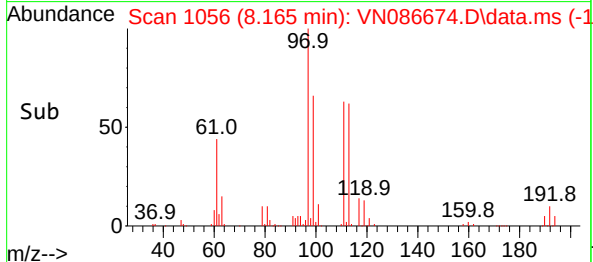
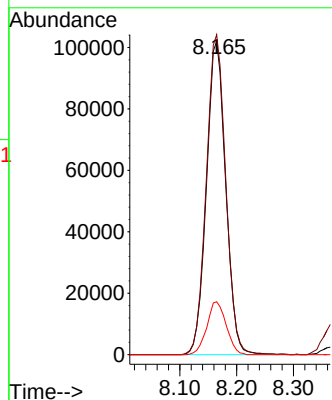
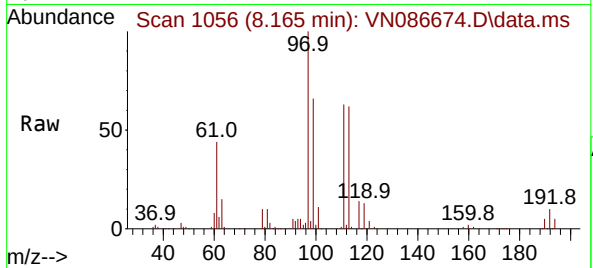




#35
Dibromofluoromethane
Concen: 124.964 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086674.D
Acq: 16 May 2025 18:32

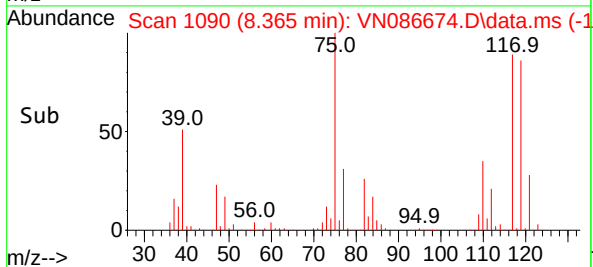
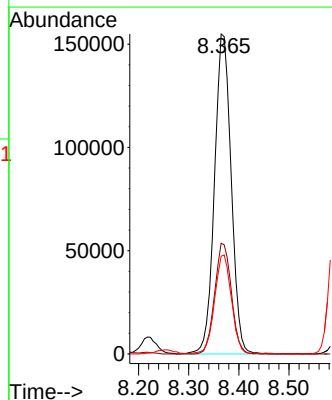
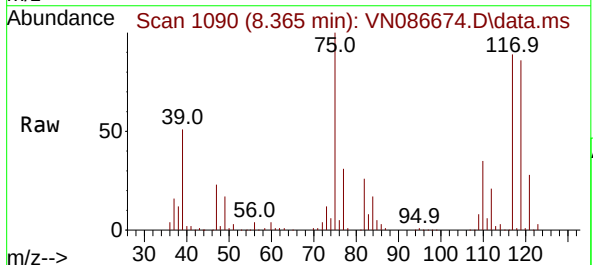
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

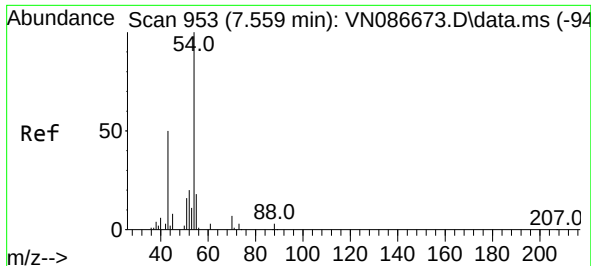
Tgt Ion:113 Resp: 239789
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.2
192 17.0 13.8 20.8



#36
1,1-Dichloropropene
Concen: 100.608 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN086674.D
Acq: 16 May 2025 18:32

Tgt Ion: 75 Resp: 358680
Ion Ratio Lower Upper
75 100
110 34.5 17.5 52.5
77 31.1 25.1 37.7

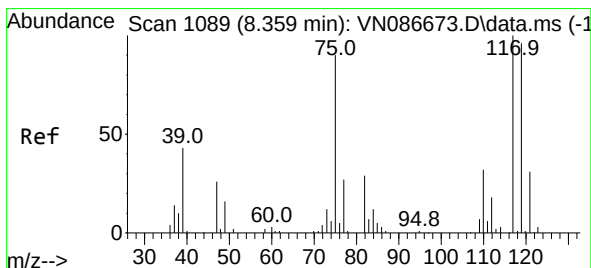
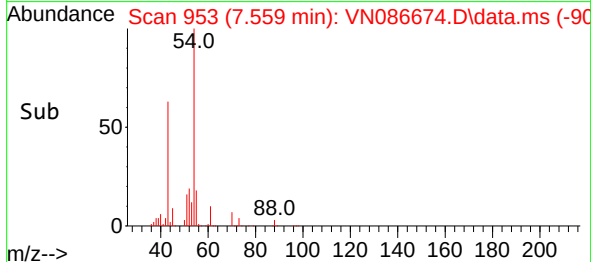
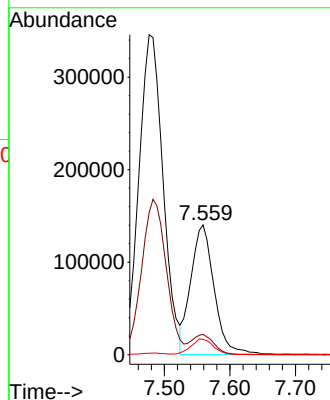
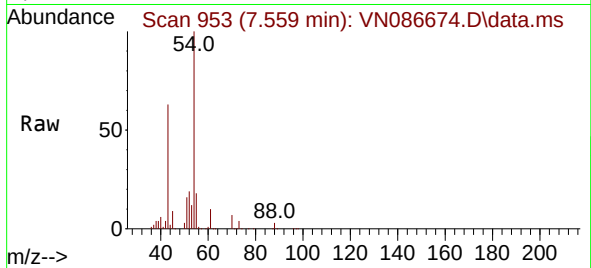




#37
Ethyl Acetate
Concen: 92.202 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086674.D
Acq: 16 May 2025 18:32

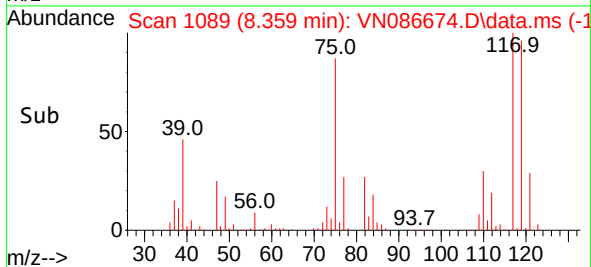
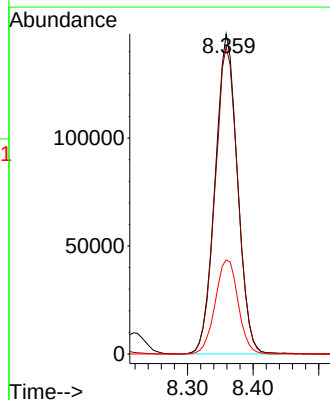
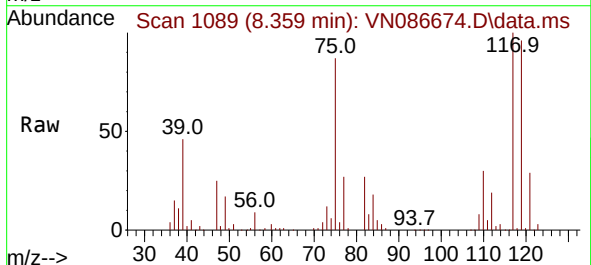
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

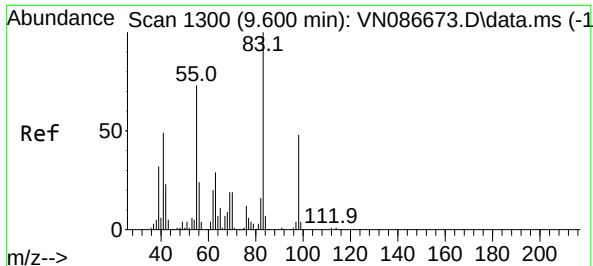
Tgt Ion: 43 Resp: 345729
Ion Ratio Lower Upper
43 100
61 14.5 11.6 17.4
70 11.8 9.4 14.0



#38
Carbon Tetrachloride
Concen: 102.652 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN086674.D
Acq: 16 May 2025 18:32

Tgt Ion: 117 Resp: 350376
Ion Ratio Lower Upper
117 100
119 96.1 77.0 115.6
121 29.4 25.0 37.6





#39

Methylcyclohexane

Concen: 94.309 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN086674.D

Acq: 16 May 2025 18:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

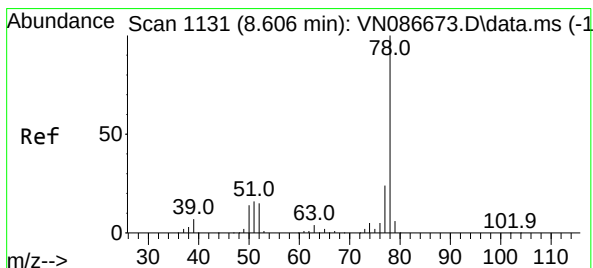
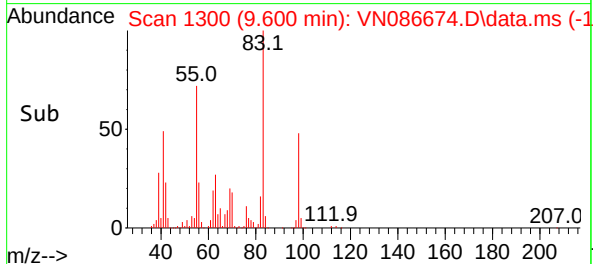
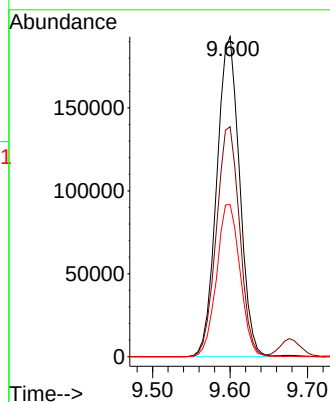
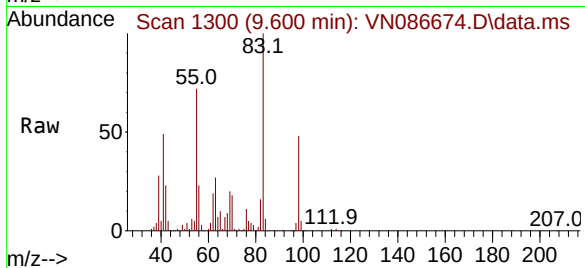
Tgt Ion: 83 Resp: 395616

Ion Ratio Lower Upper

83 100

55 71.8 58.2 87.4

98 47.6 38.4 57.6



#40

Benzene

Concen: 100.185 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN086674.D

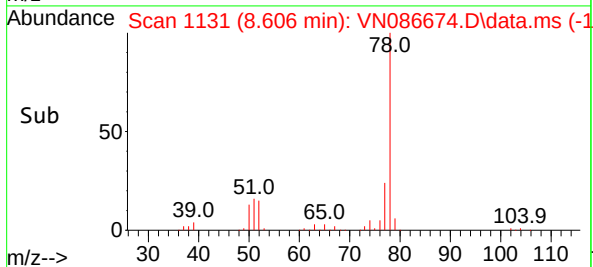
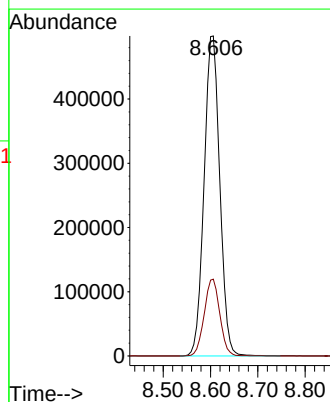
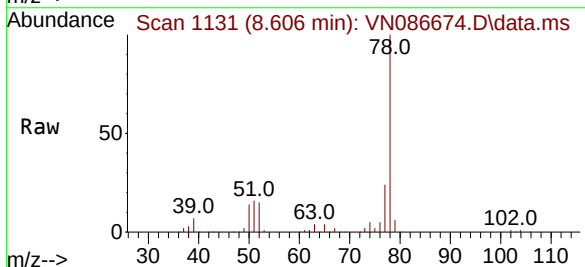
Acq: 16 May 2025 18:32

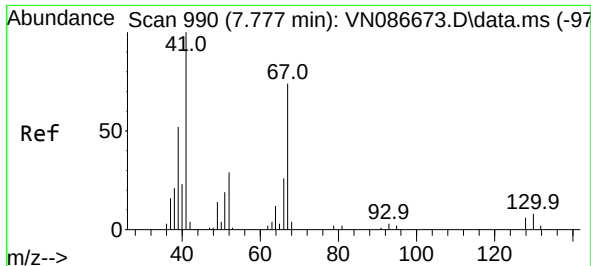
Tgt Ion: 78 Resp: 1146502

Ion Ratio Lower Upper

78 100

77 24.0 19.1 28.7



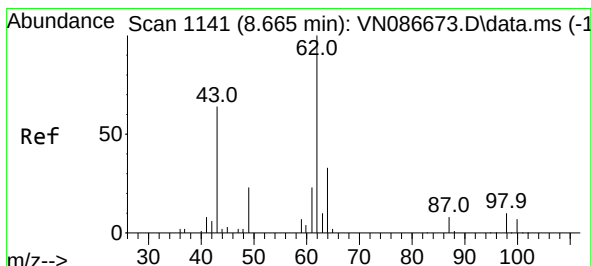
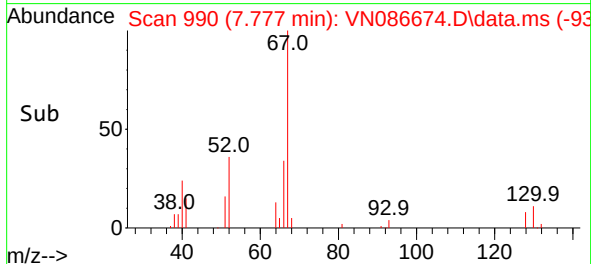
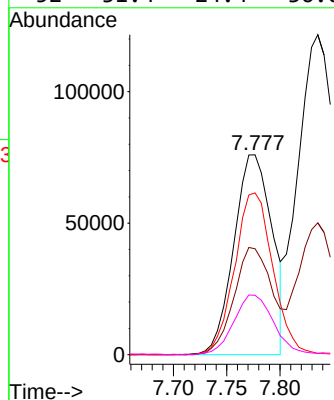
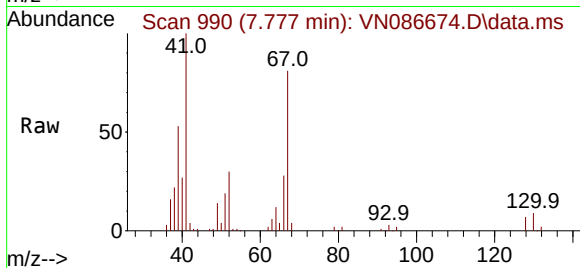


#41
Methacrylonitrile
Concen: 88.081 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN086674.D
Acq: 16 May 2025 18:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 41 Resp: 189373

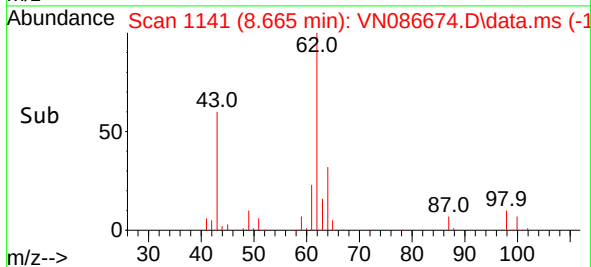
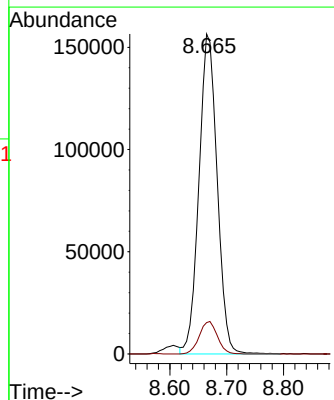
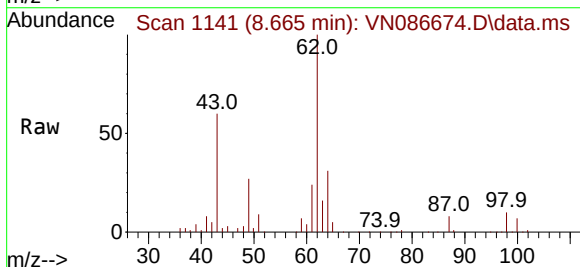
Ion	Ratio	Lower	Upper
41	100		
39	55.9	44.9	67.3
67	81.8	63.4	95.0
52	31.4	24.4	36.6

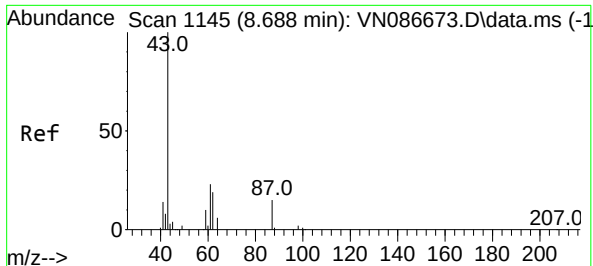


#42
1,2-Dichloroethane
Concen: 95.719 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086674.D
Acq: 16 May 2025 18:32

Tgt Ion: 62 Resp: 348779

Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.2





#43

Isopropyl Acetate

Concen: 67.195 ug/l

RT: 8.682 min Scan# 1144

Delta R.T. -0.006 min

Lab File: VN086674.D

Acq: 16 May 2025 18:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

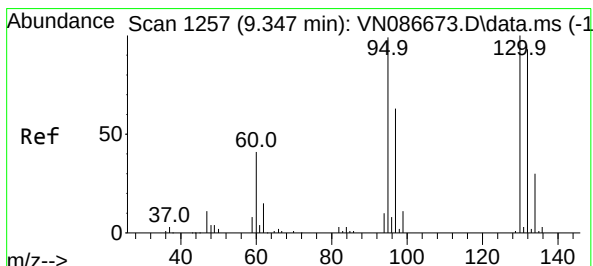
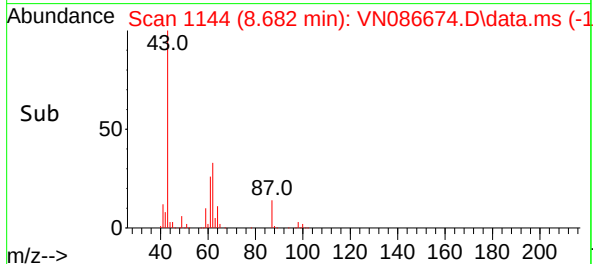
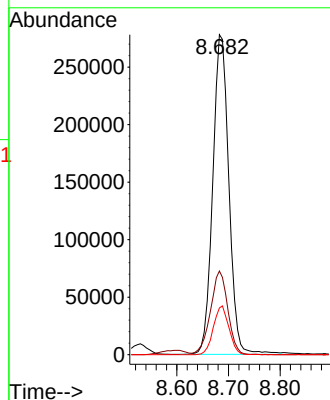
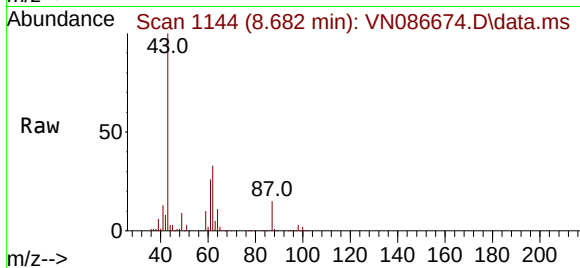
Tgt Ion: 43 Resp: 601666

Ion Ratio Lower Upper

43 100

61 28.2 21.4 32.2

87 14.7 11.1 16.7



#44

Trichloroethene

Concen: 103.544 ug/l

RT: 9.347 min Scan# 1257

Delta R.T. -0.000 min

Lab File: VN086674.D

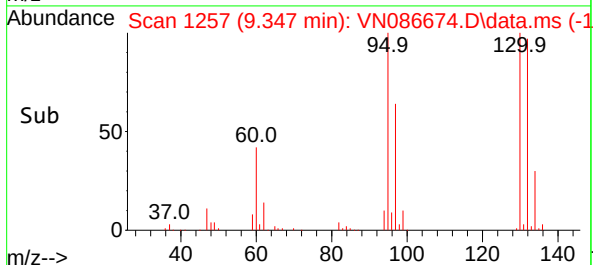
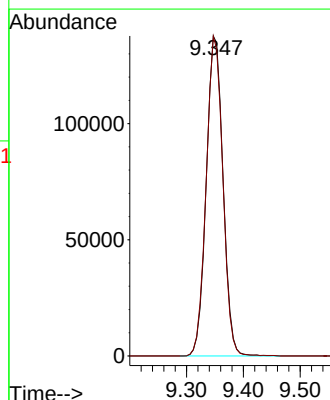
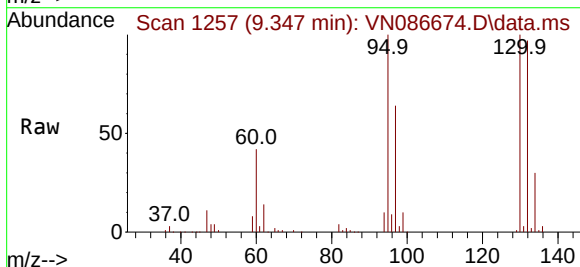
Acq: 16 May 2025 18:32

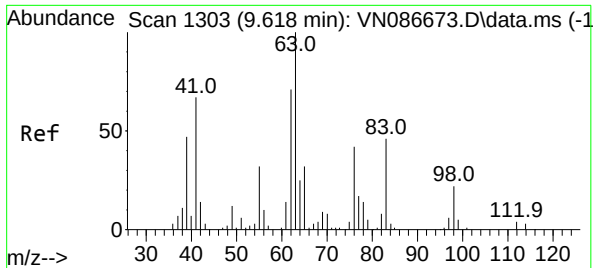
Tgt Ion:130 Resp: 281707

Ion Ratio Lower Upper

130 100

95 99.9 0.0 197.0





#45

1,2-Dichloropropane

Concen: 97.526 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086674.D

Acq: 16 May 2025 18:32

Instrument :

MSVOA_N

ClientSampleId :

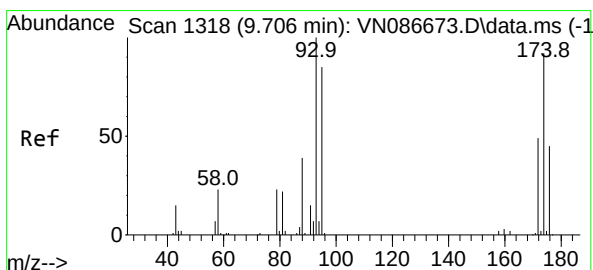
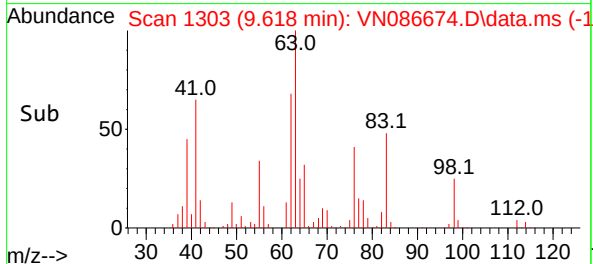
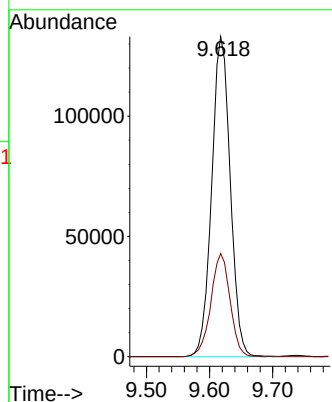
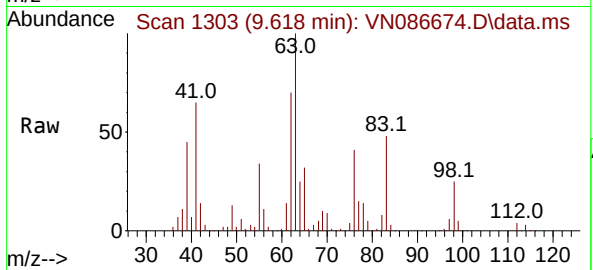
VSTDIC100

Tgt Ion: 63 Resp: 271732

Ion Ratio Lower Upper

63 100

65 32.3 25.8 38.6



#46

Dibromomethane

Concen: 102.669 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086674.D

Acq: 16 May 2025 18:32

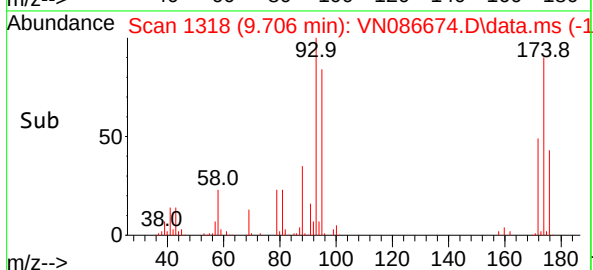
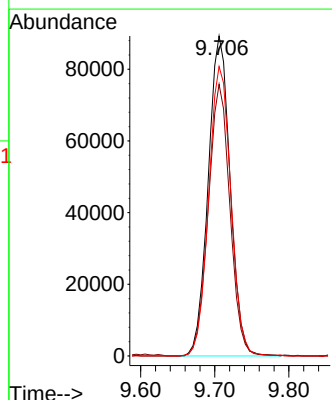
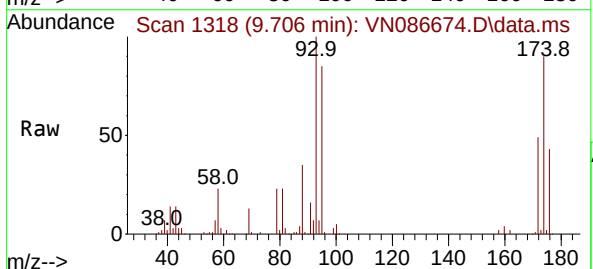
Tgt Ion: 93 Resp: 183465

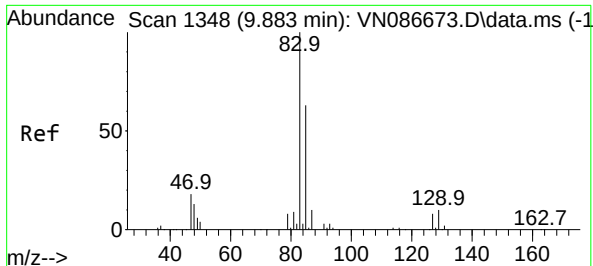
Ion Ratio Lower Upper

93 100

95 83.8 67.1 100.7

174 91.7 73.8 110.6





#47

Bromodichloromethane

Concen: 99.439 ug/l

RT: 9.888 min Scan# 1348

Delta R.T. 0.006 min

Lab File: VN086674.D

Acq: 16 May 2025 18:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

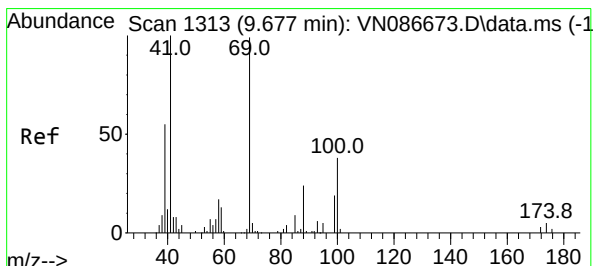
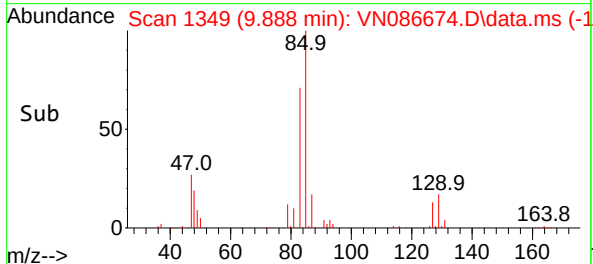
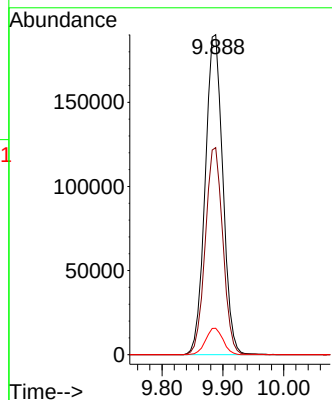
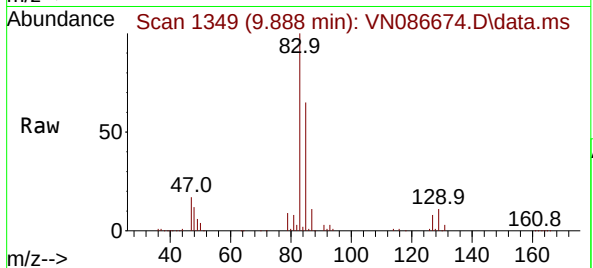
Tgt Ion: 83 Resp: 383086

Ion Ratio Lower Upper

83 100

85 64.7 50.1 75.1

127 8.2 6.2 9.4



#48

Methyl methacrylate

Concen: 86.928 ug/l

RT: 9.676 min Scan# 1313

Delta R.T. -0.000 min

Lab File: VN086674.D

Acq: 16 May 2025 18:32

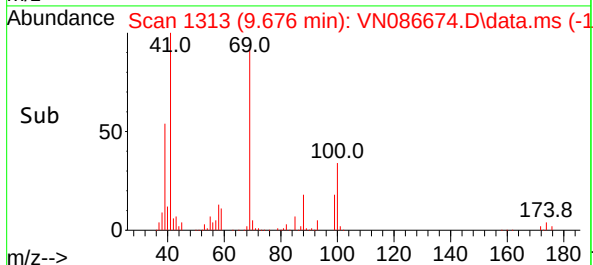
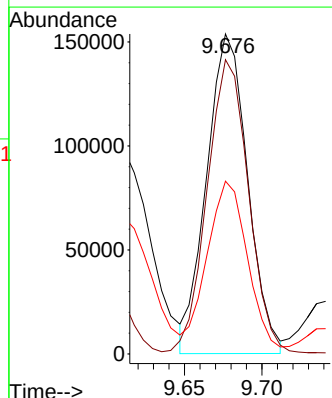
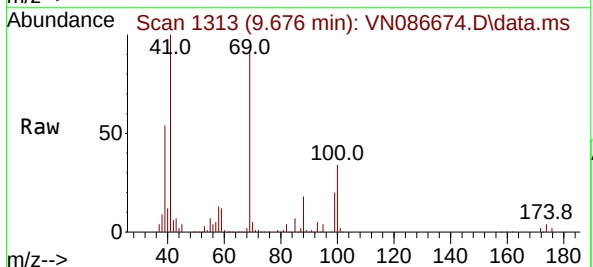
Tgt Ion: 41 Resp: 282329

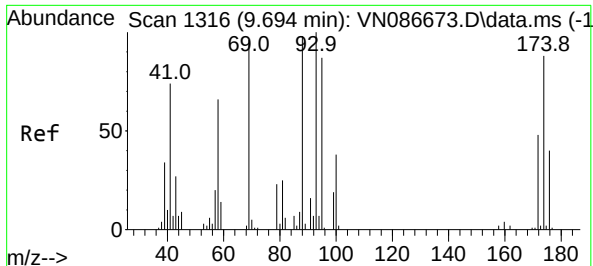
Ion Ratio Lower Upper

41 100

69 93.3 74.1 111.1

39 54.2 44.1 66.1





#49

1,4-Dioxane

Concen: 1965.825 ug/l

RT: 9.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086674.D

Acq: 16 May 2025 18:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

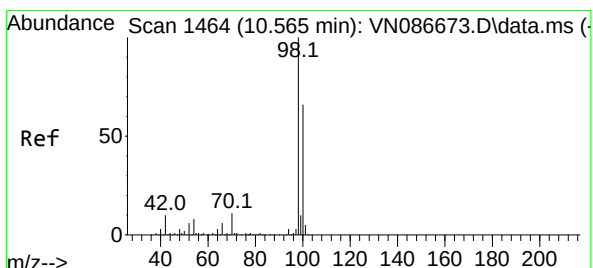
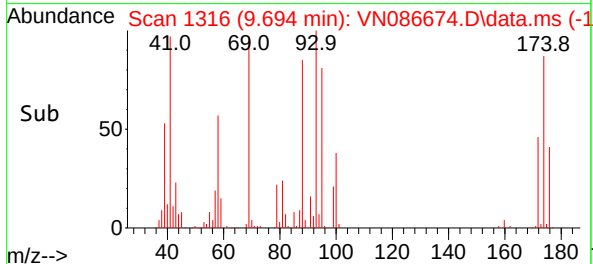
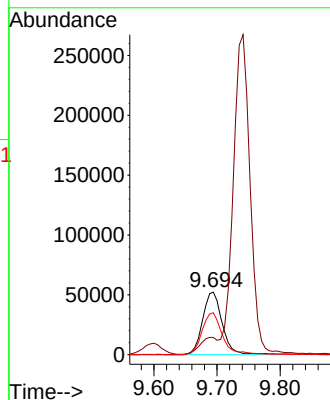
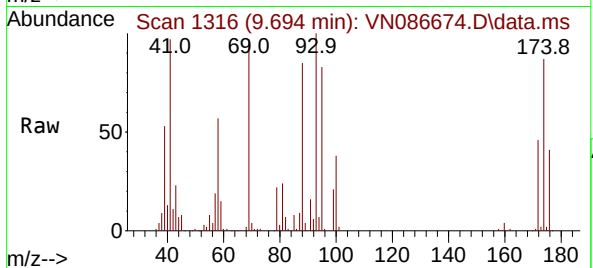
Tgt Ion: 88 Resp: 112938

Ion Ratio Lower Upper

88 100

43 23.6 23.6 35.4

58 70.1 55.3 82.9



#50

Toluene-d8

Concen: 106.809 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086674.D

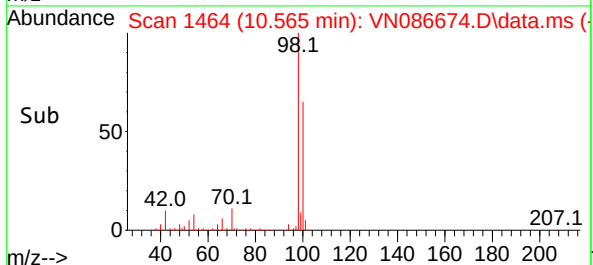
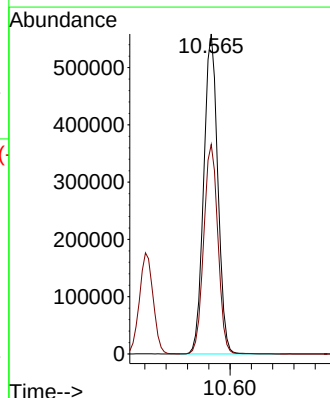
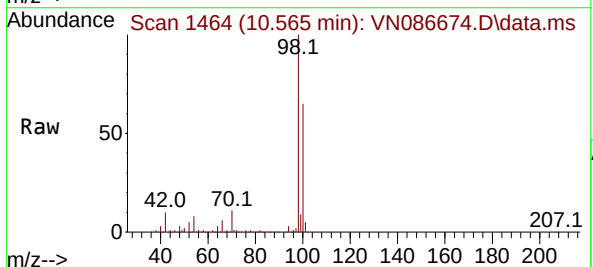
Acq: 16 May 2025 18:32

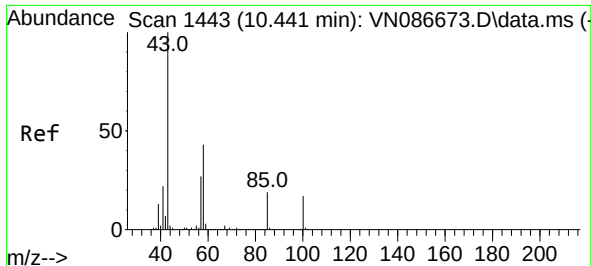
Tgt Ion: 98 Resp: 1021539

Ion Ratio Lower Upper

98 100

100 65.8 52.9 79.3

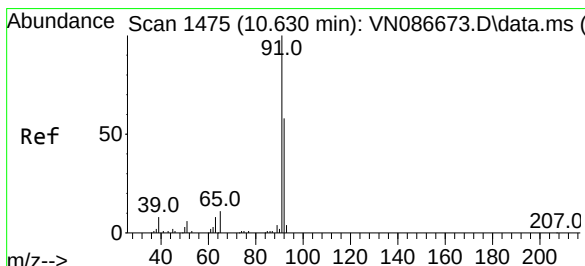
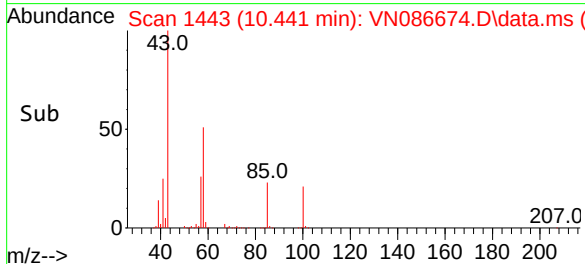
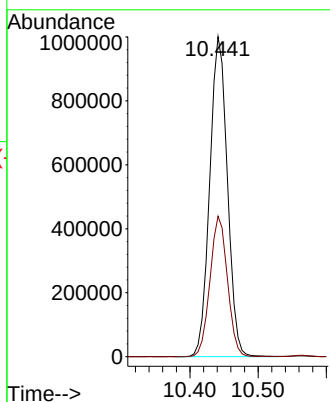
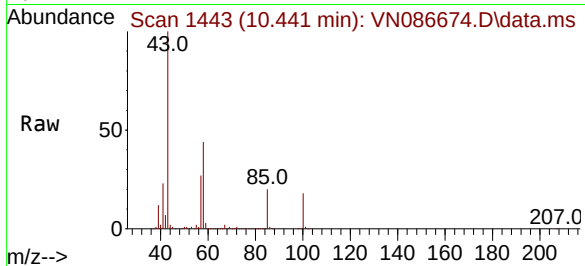




#51
4-Methyl-2-Pentanone
Concen: 472.646 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086674.D
Acq: 16 May 2025 18:32

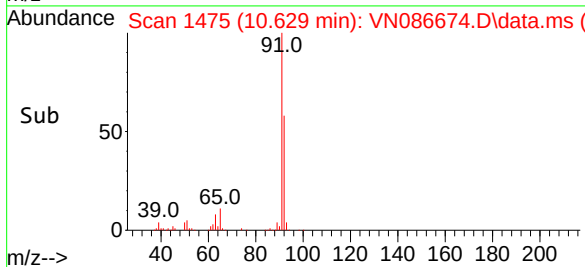
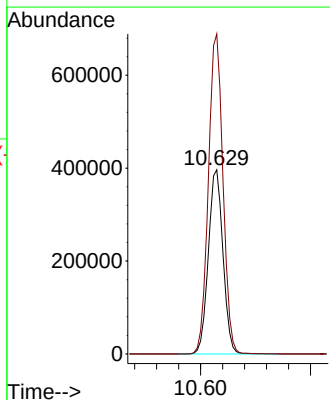
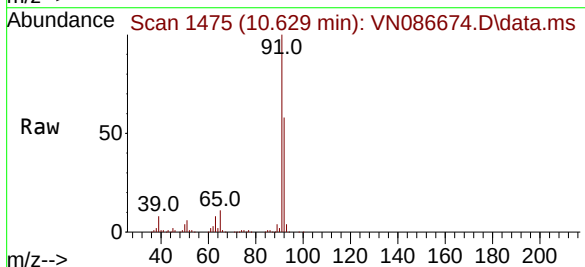
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

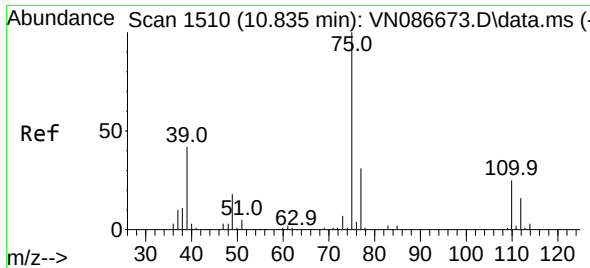
Tgt Ion: 43 Resp: 1801423
Ion Ratio Lower Upper
43 100
58 43.5 33.9 50.9



#52
Toluene
Concen: 102.251 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086674.D
Acq: 16 May 2025 18:32

Tgt Ion: 92 Resp: 729998
Ion Ratio Lower Upper
92 100
91 173.5 137.8 206.8

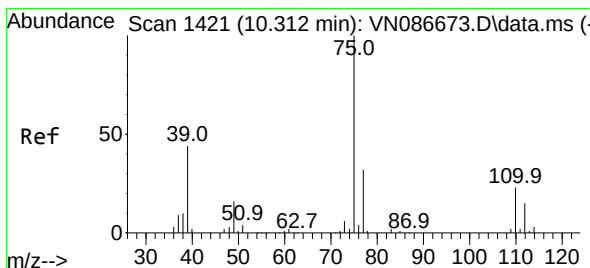
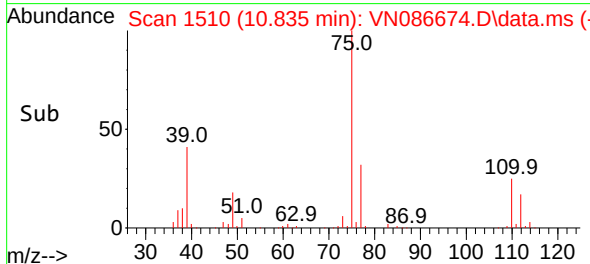
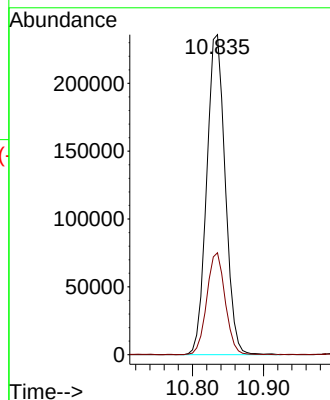
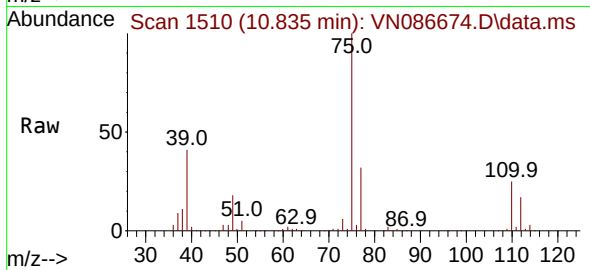




#53
 t-1,3-Dichloropropene
 Concen: 100.206 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN086674.D
 Acq: 16 May 2025 18:32

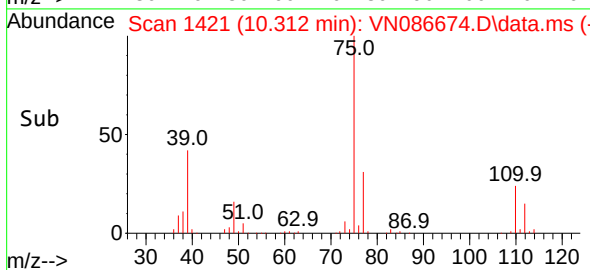
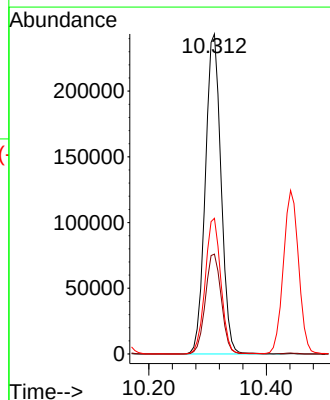
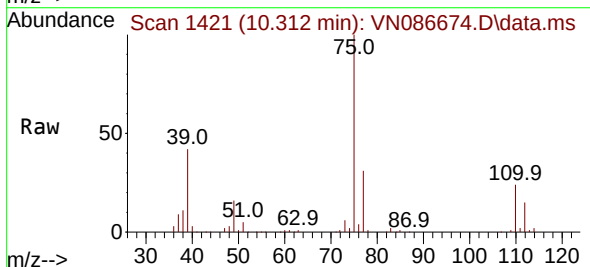
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

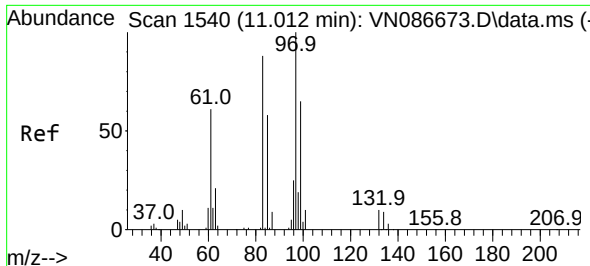
Tgt Ion: 75 Resp: 427269
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 96.359 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN086674.D
 Acq: 16 May 2025 18:32

Tgt Ion: 75 Resp: 451979
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.3 37.9
 39 42.4 35.2 52.8



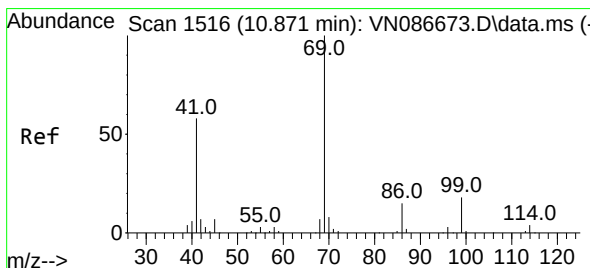
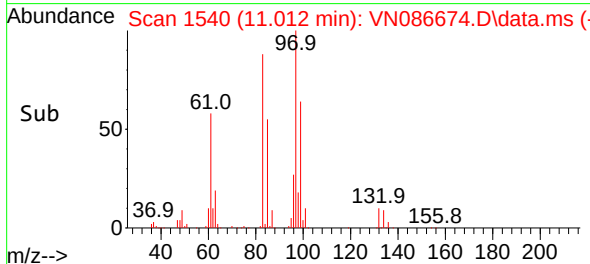
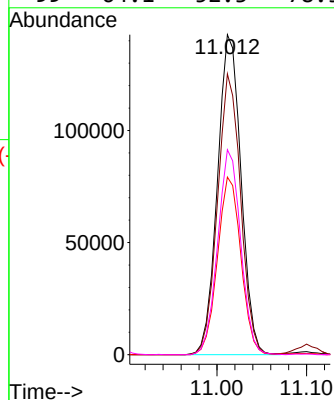
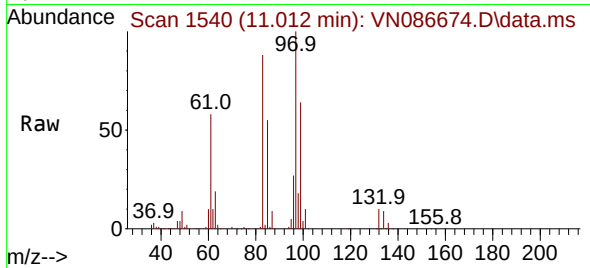


#55
1,1,2-Trichloroethane
Concen: 101.145 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086674.D
Acq: 16 May 2025 18:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 97 Resp: 260447

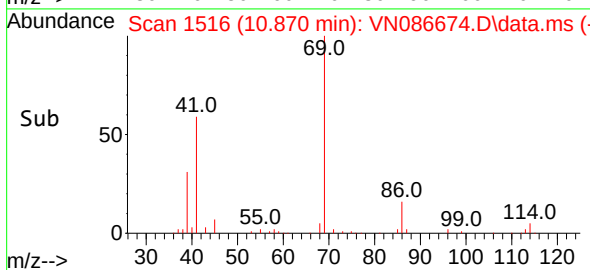
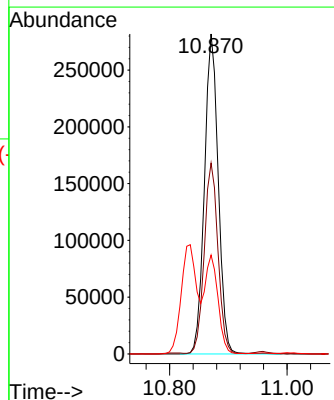
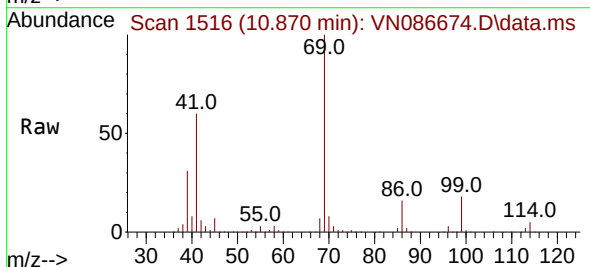
Ion	Ratio	Lower	Upper
97	100		
83	87.8	70.4	105.6
85	55.5	46.1	69.1
99	64.1	52.3	78.5

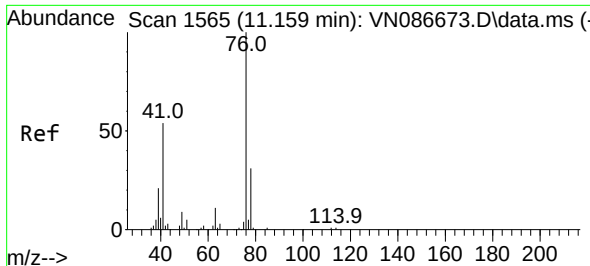


#56
Ethyl methacrylate
Concen: 97.988 ug/l
RT: 10.870 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086674.D
Acq: 16 May 2025 18:32

Tgt Ion: 69 Resp: 460358

Ion	Ratio	Lower	Upper
69	100		
41	59.1	47.4	71.0
39	29.0	24.0	36.0





#57

1,3-Dichloropropane

Concen: 100.514 ug/l

RT: 11.159 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086674.D

Acq: 16 May 2025 18:32

Instrument :

MSVOA_N

ClientSampleId :

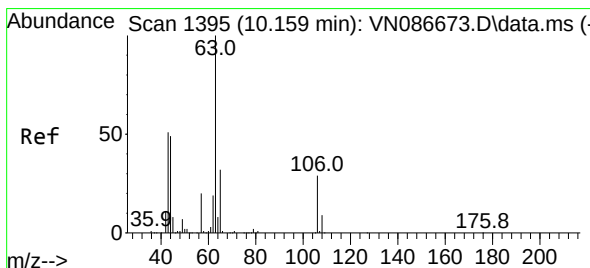
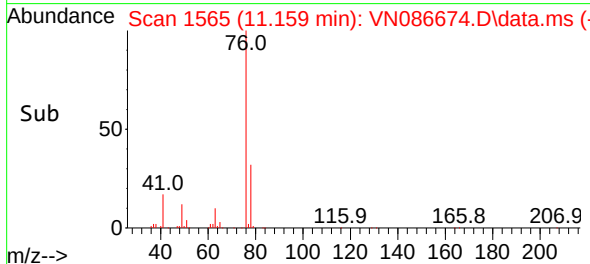
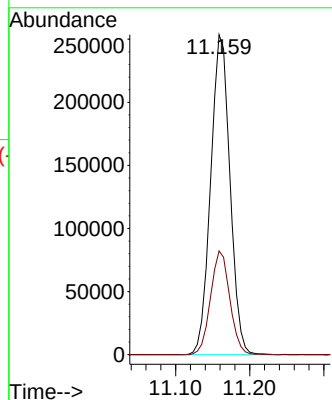
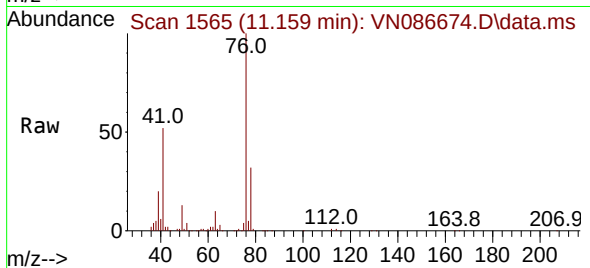
VSTDICC100

Tgt Ion: 76 Resp: 458200

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 480.691 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN086674.D

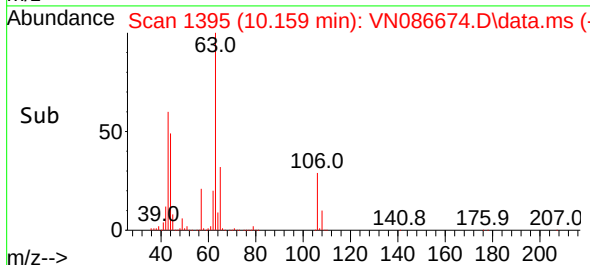
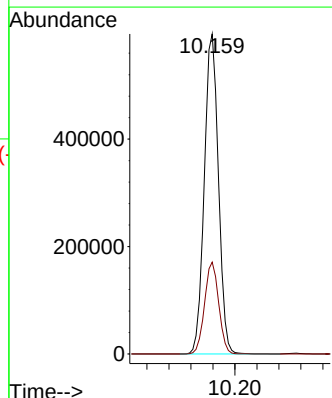
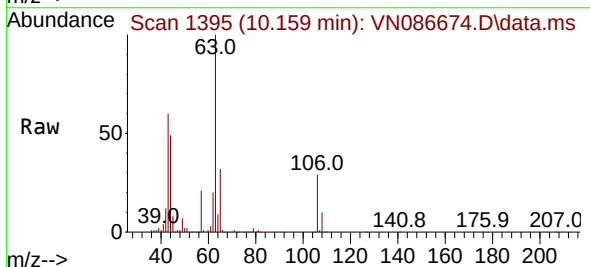
Acq: 16 May 2025 18:32

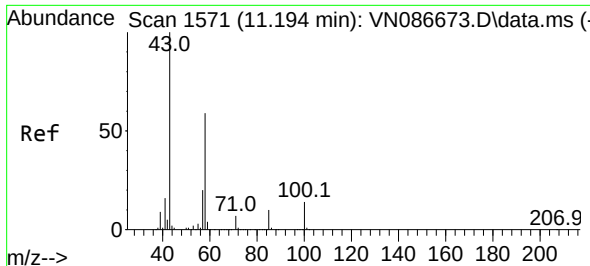
Tgt Ion: 63 Resp: 1060521

Ion Ratio Lower Upper

63 100

106 28.7 23.1 34.7

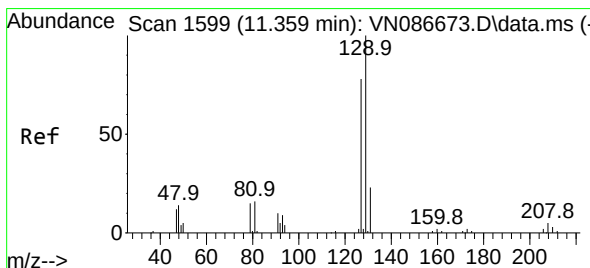
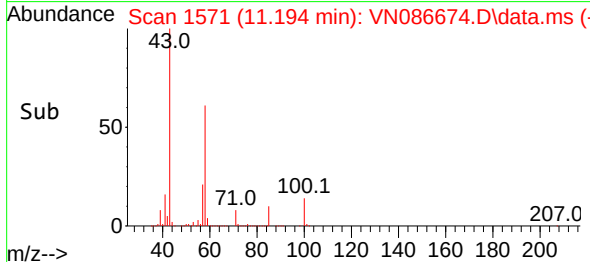
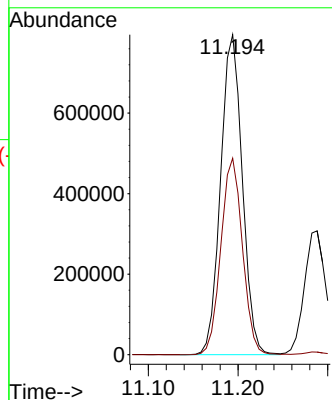
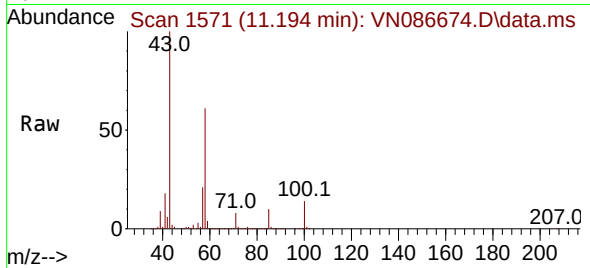




#59
2-Hexanone
Concen: 471.399 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086674.D
Acq: 16 May 2025 18:32

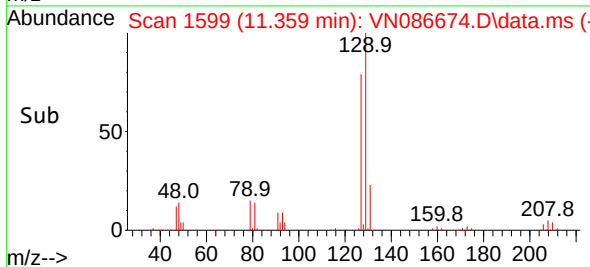
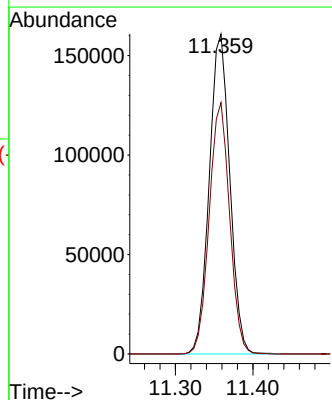
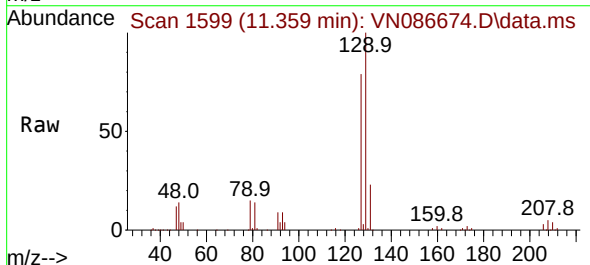
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

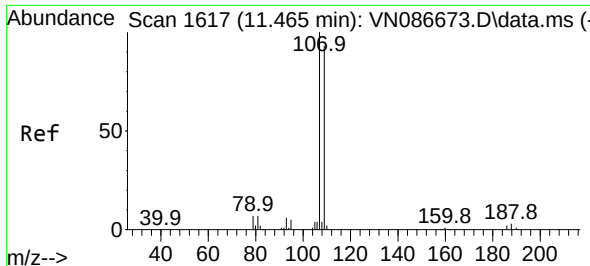
Tgt Ion: 43 Resp: 1333834
Ion Ratio Lower Upper
43 100
58 61.1 29.8 89.5



#60
Dibromochloromethane
Concen: 105.038 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086674.D
Acq: 16 May 2025 18:32

Tgt Ion:129 Resp: 295955
Ion Ratio Lower Upper
129 100
127 78.0 39.5 118.3

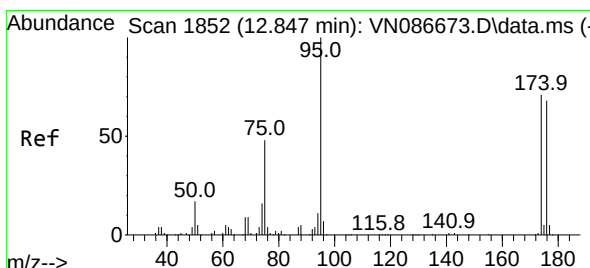
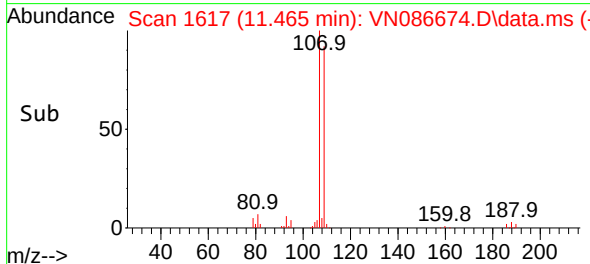
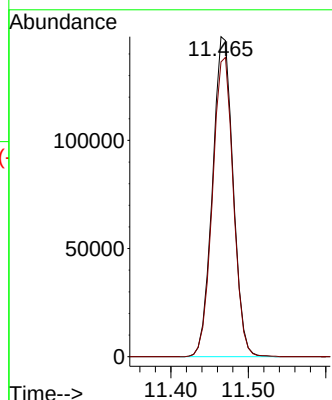
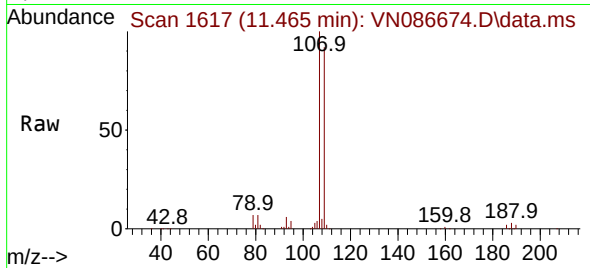




#61
1,2-Dibromoethane
Concen: 104.827 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086674.D
Acq: 16 May 2025 18:32

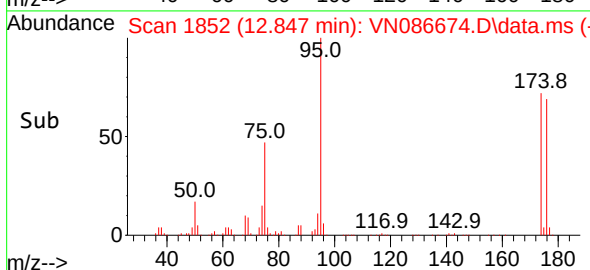
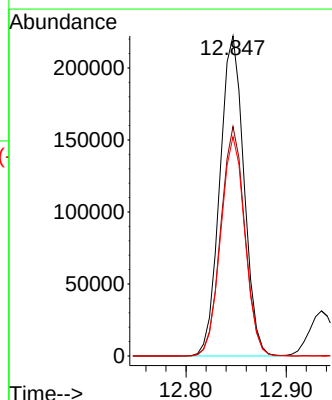
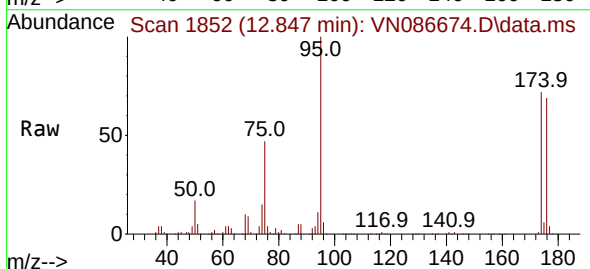
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

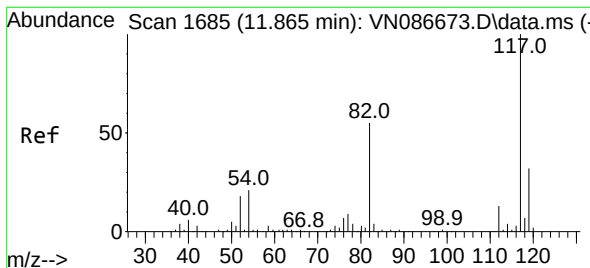
Tgt Ion:107 Resp: 273192
Ion Ratio Lower Upper
107 100
109 94.5 75.0 112.4



#62
4-Bromofluorobenzene
Concen: 106.718 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086674.D
Acq: 16 May 2025 18:32

Tgt Ion: 95 Resp: 370788
Ion Ratio Lower Upper
95 100
174 71.4 0.0 145.4
176 68.6 0.0 137.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086674.D

Acq: 16 May 2025 18:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

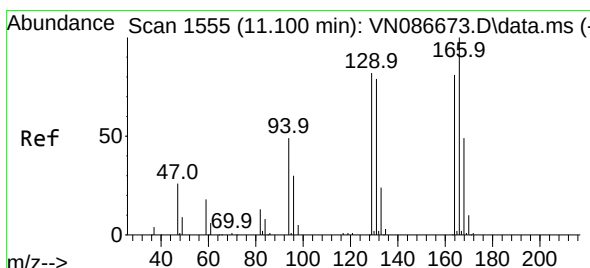
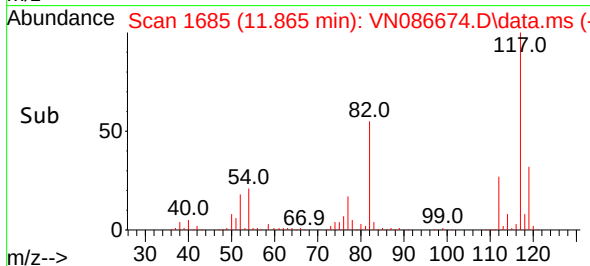
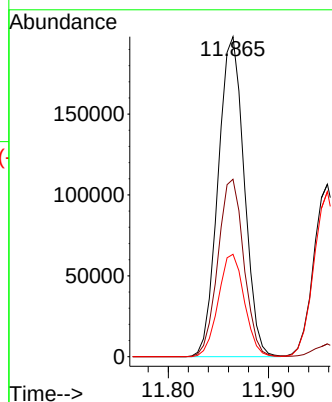
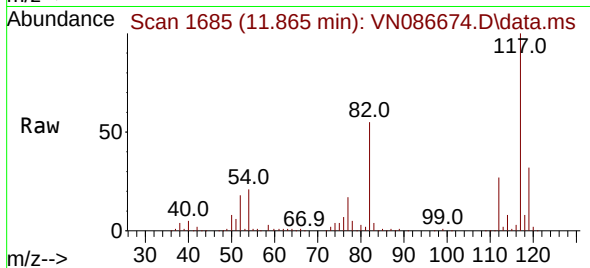
Tgt Ion:117 Resp: 356581

Ion Ratio Lower Upper

117 100

82 55.4 44.2 66.2

119 32.0 25.4 38.2



#64

Tetrachloroethene

Concen: 102.021 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VN086674.D

Acq: 16 May 2025 18:32

Tgt Ion:164 Resp: 279652

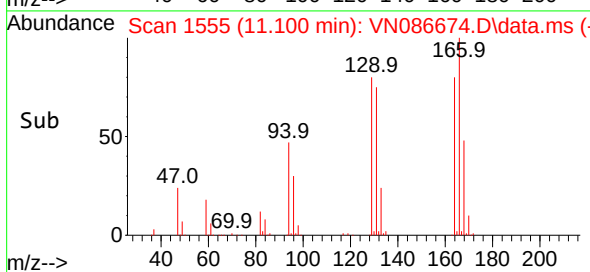
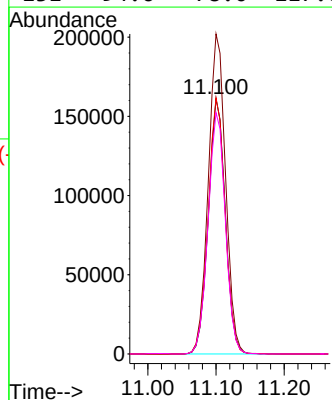
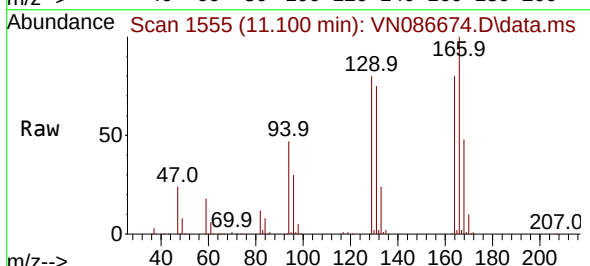
Ion Ratio Lower Upper

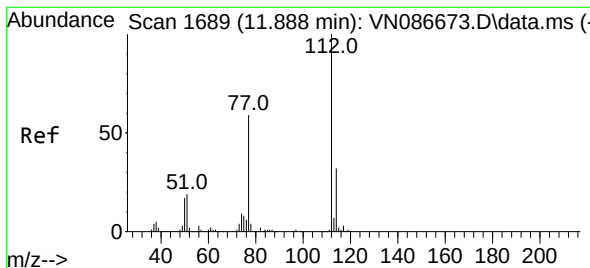
164 100

166 125.4 98.2 147.4

129 100.3 81.0 121.4

131 94.6 78.0 117.0





#65

Chlorobenzene

Concen: 101.096 ug/l

RT: 11.888 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086674.D

Acq: 16 May 2025 18:32

Instrument :

MSVOA_N

ClientSampleId :

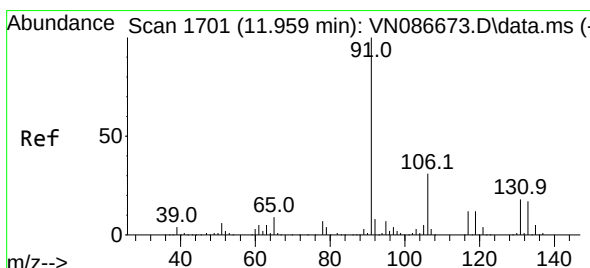
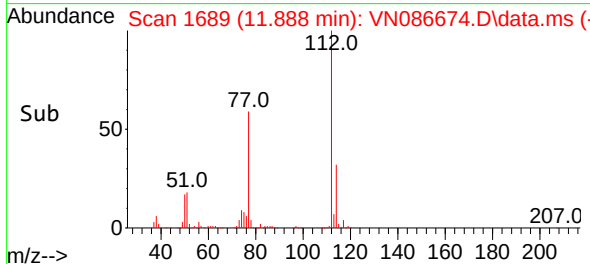
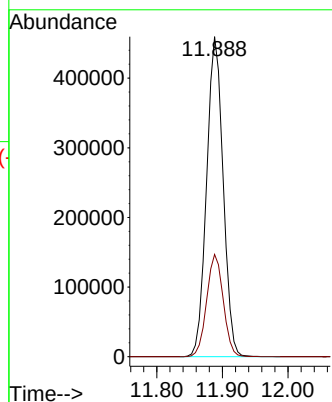
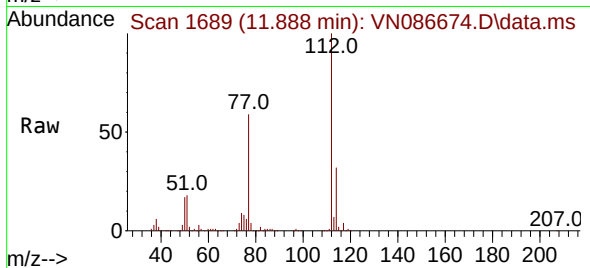
VSTDIC100

Tgt Ion:112 Resp: 805636

Ion Ratio Lower Upper

112 100

114 31.9 25.9 38.9



#66

1,1,1,2-Tetrachloroethane

Concen: 99.614 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VN086674.D

Acq: 16 May 2025 18:32

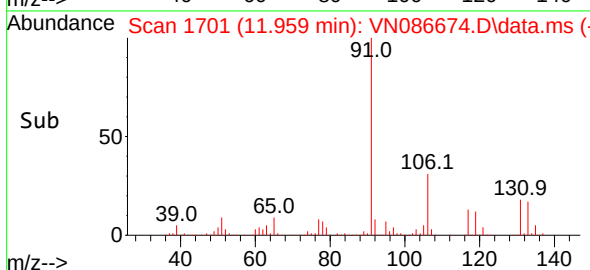
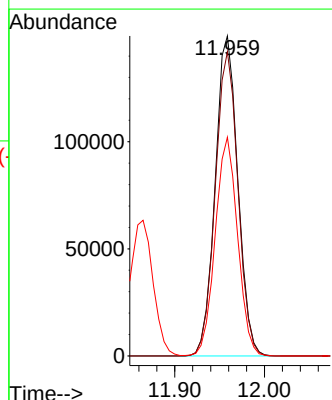
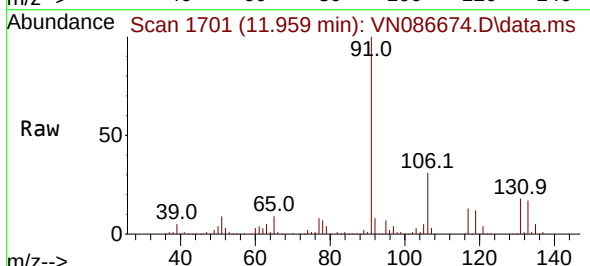
Tgt Ion:131 Resp: 261746

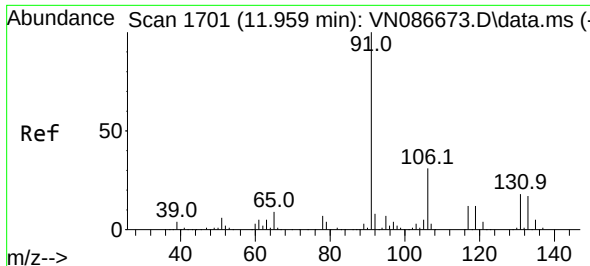
Ion Ratio Lower Upper

131 100

133 95.1 47.9 143.7

119 67.6 33.6 100.8

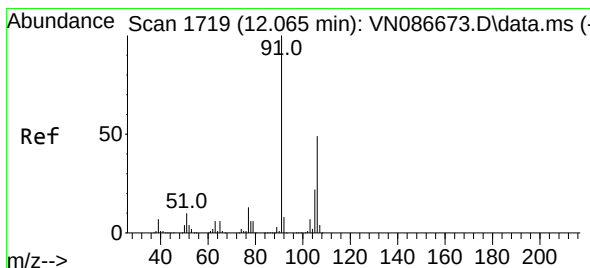
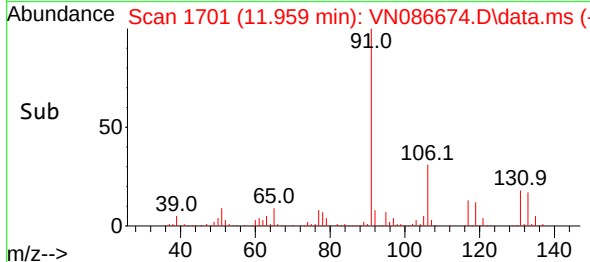
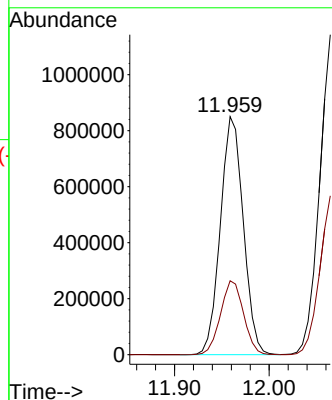
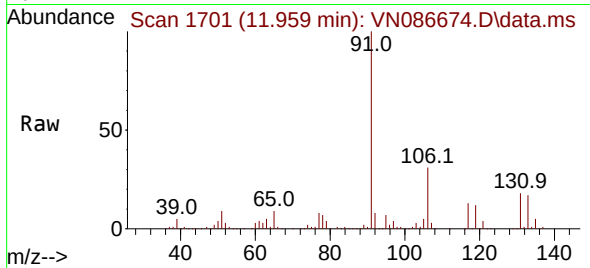




#67
Ethyl Benzene
Concen: 100.224 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086674.D
Acq: 16 May 2025 18:32

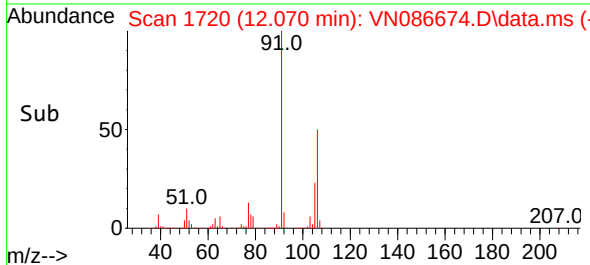
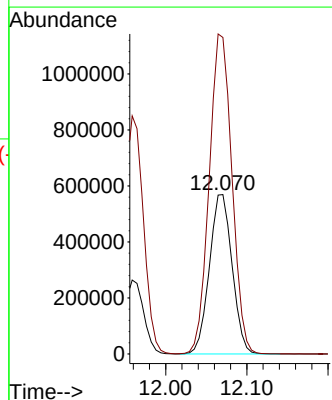
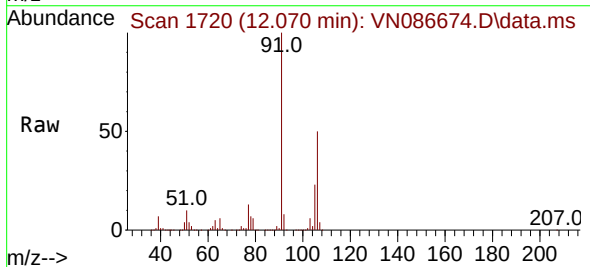
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

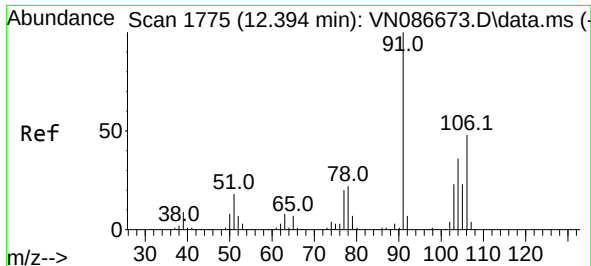
Tgt Ion: 91 Resp: 1432940
Ion Ratio Lower Upper
91 100
106 31.1 24.6 36.8



#68
m/p-Xylenes
Concen: 205.723 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN086674.D
Acq: 16 May 2025 18:32

Tgt Ion:106 Resp: 1104589
Ion Ratio Lower Upper
106 100
91 201.3 162.4 243.6

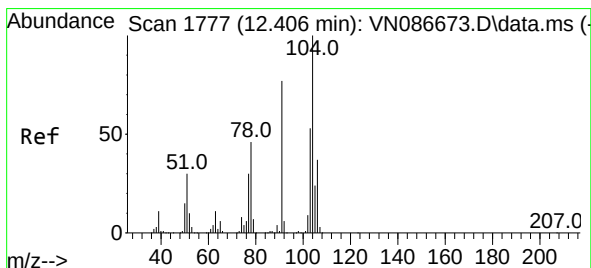
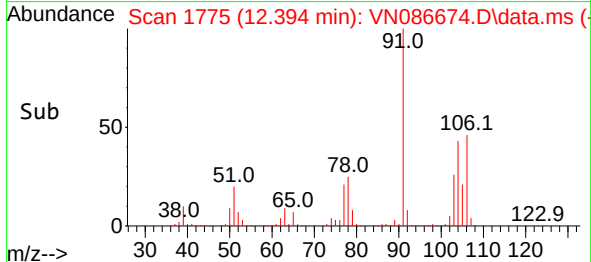
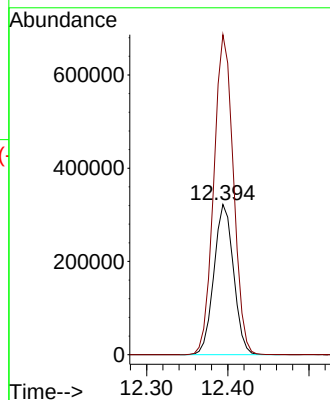
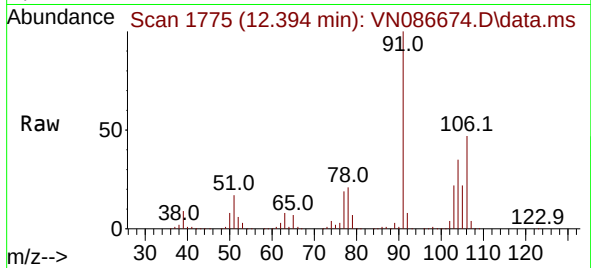




#69
o-Xylene
Concen: 101.570 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086674.D
Acq: 16 May 2025 18:32

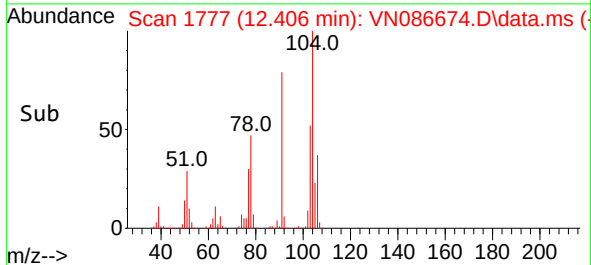
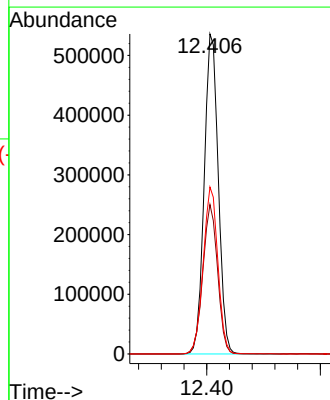
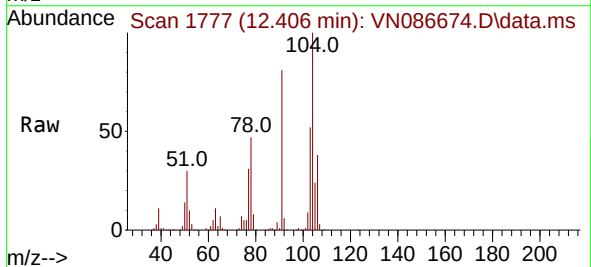
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

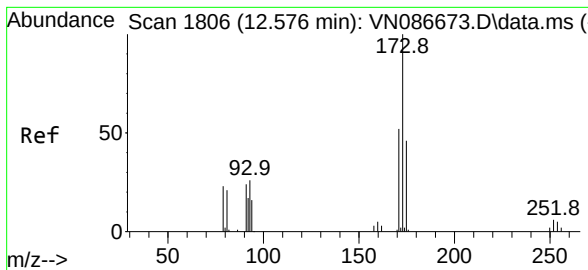
Tgt Ion:106 Resp: 541462
Ion Ratio Lower Upper
106 100
91 213.1 105.1 315.1



#70
Styrene
Concen: 103.860 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086674.D
Acq: 16 May 2025 18:32

Tgt Ion:104 Resp: 918616
Ion Ratio Lower Upper
104 100
78 48.9 39.0 58.6
103 54.5 43.8 65.8

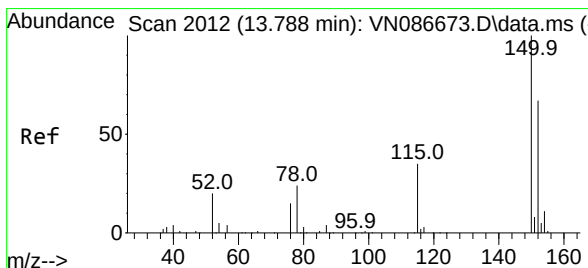
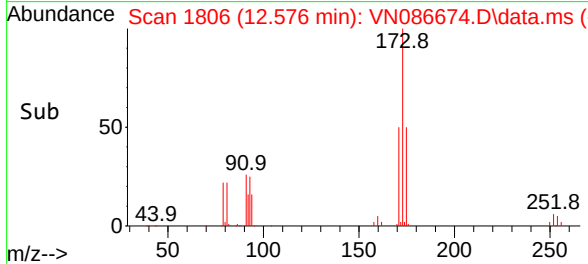
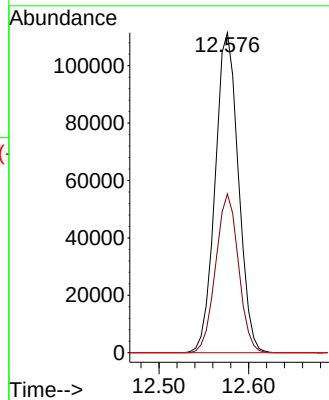
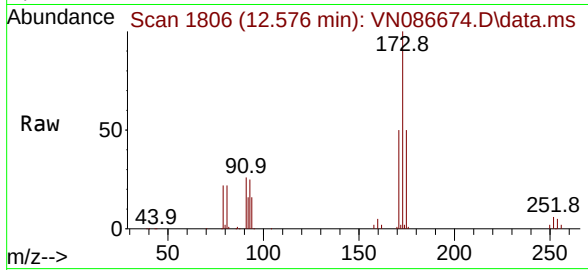




#71
Bromoform
Concen: 101.356 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086674.D
Acq: 16 May 2025 18:32

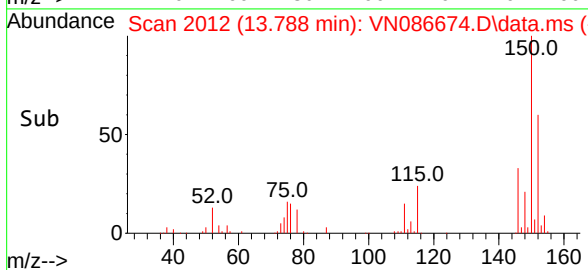
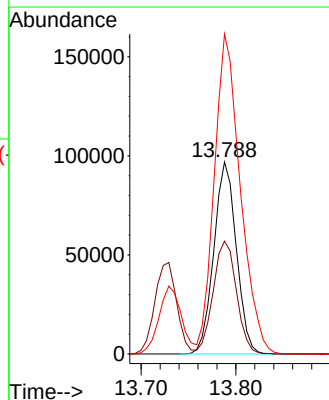
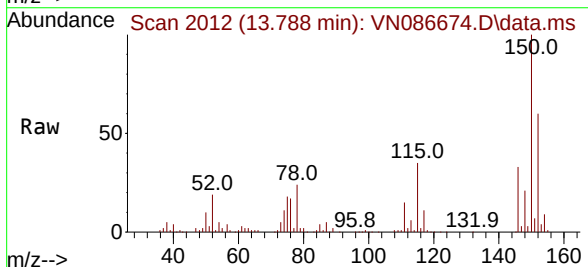
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

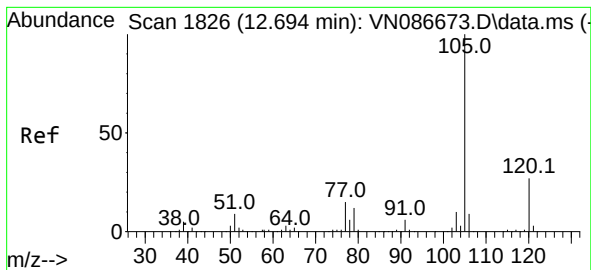
Tgt Ion:173 Resp: 200330
Ion Ratio Lower Upper
173 100
175 48.7 23.4 70.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086674.D
Acq: 16 May 2025 18:32

Tgt Ion:152 Resp: 159823
Ion Ratio Lower Upper
152 100
115 60.7 30.0 90.1
150 192.8 0.0 347.8





#73

Isopropylbenzene

Concen: 99.096 ug/l

RT: 12.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086674.D

Acq: 16 May 2025 18:32

Instrument :

MSVOA_N

ClientSampleId :

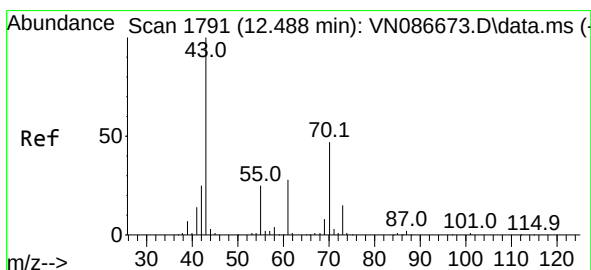
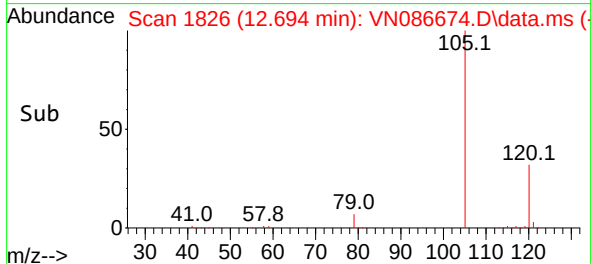
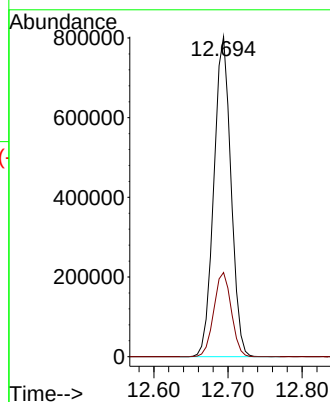
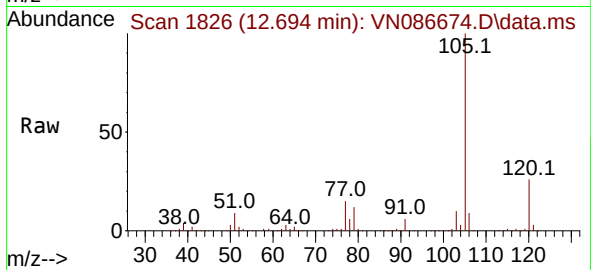
VSTDIC100

Tgt Ion:105 Resp: 1285698

Ion Ratio Lower Upper

105 100

120 26.9 13.4 40.1



#74

N-ethyl acetate

Concen: 82.794 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VN086674.D

Acq: 16 May 2025 18:32

Tgt Ion: 43 Resp: 527018

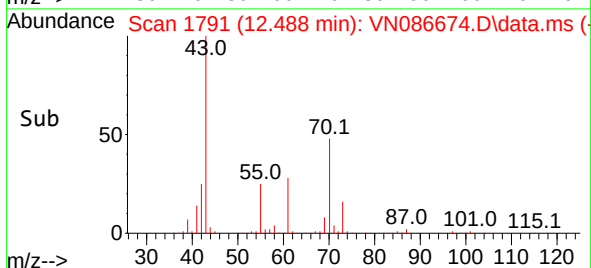
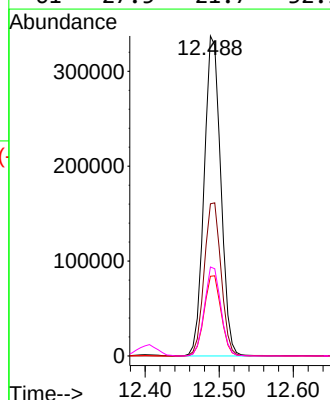
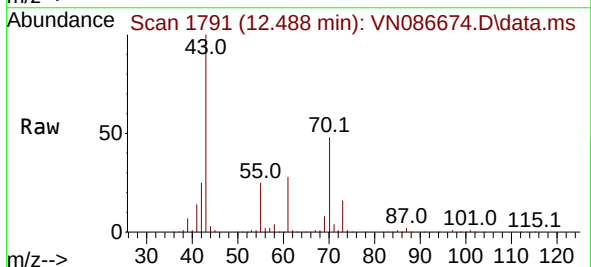
Ion Ratio Lower Upper

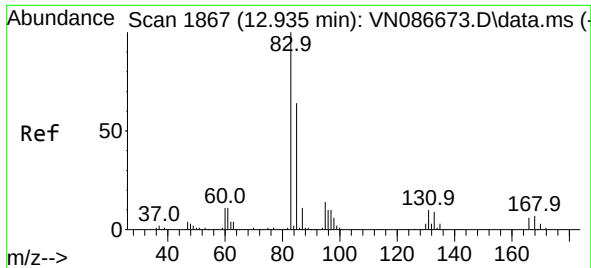
43 100

70 48.5 37.9 56.9

55 25.4 20.5 30.7

61 27.5 21.7 32.5

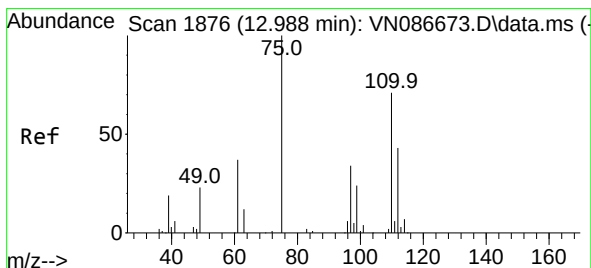
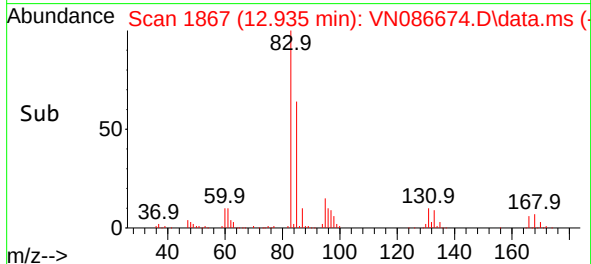
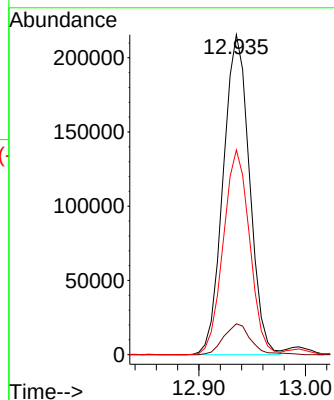
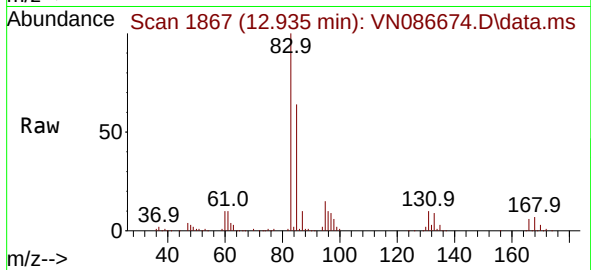




#75
1,1,2,2-Tetrachloroethane
Concen: 98.064 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086674.D
Acq: 16 May 2025 18:32

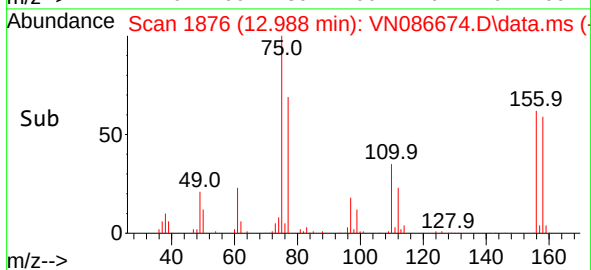
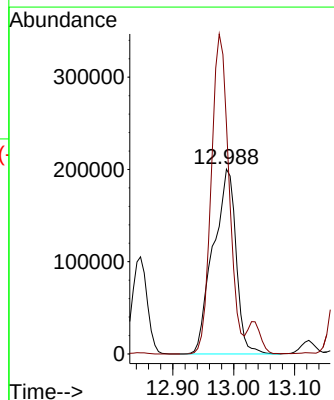
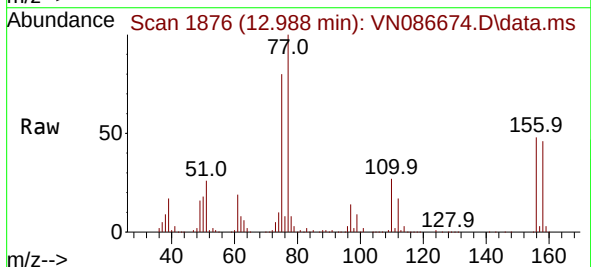
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

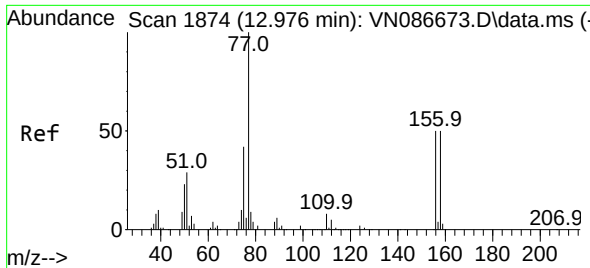
Tgt Ion: 83 Resp: 369580
Ion Ratio Lower Upper
83 100
131 9.9 5.0 15.0
85 64.0 32.4 97.2



#76
1,2,3-Trichloropropane
Concen: 139.040 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN086674.D
Acq: 16 May 2025 18:32

Tgt Ion: 75 Resp: 523211
Ion Ratio Lower Upper
75 100
77 134.2 96.0 288.1

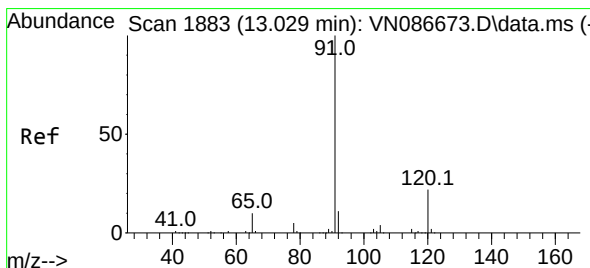
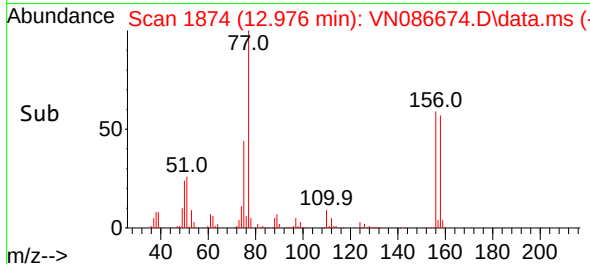
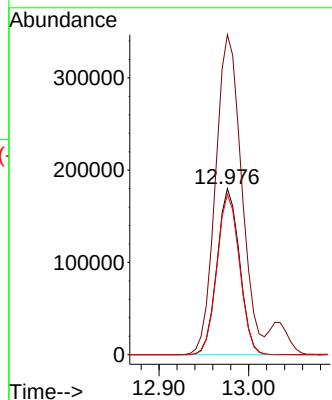
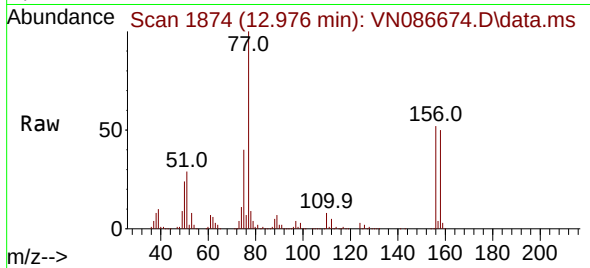




#77
Bromobenzene
Concen: 107.874 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086674.D
Acq: 16 May 2025 18:32

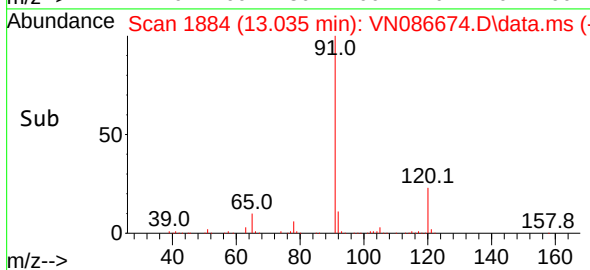
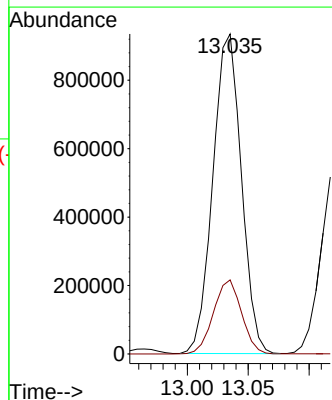
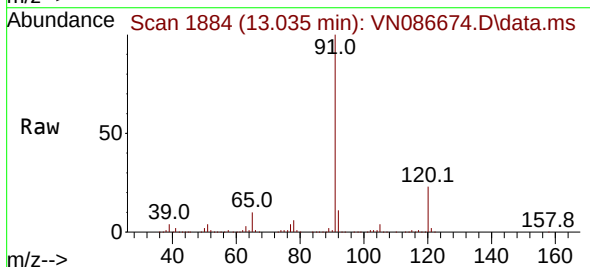
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

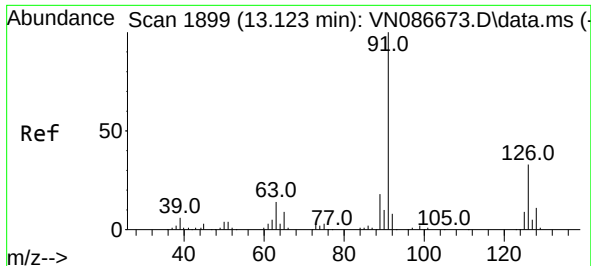
Tgt Ion:156 Resp: 313717
Ion Ratio Lower Upper
156 100
77 223.7 113.1 339.2
158 96.6 48.6 145.9



#78
n-propylbenzene
Concen: 99.656 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN086674.D
Acq: 16 May 2025 18:32

Tgt Ion: 91 Resp: 1519746
Ion Ratio Lower Upper
91 100
120 22.8 11.4 34.1

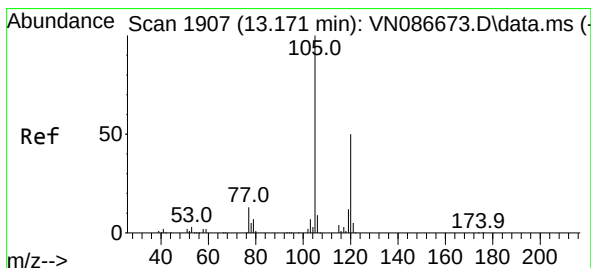
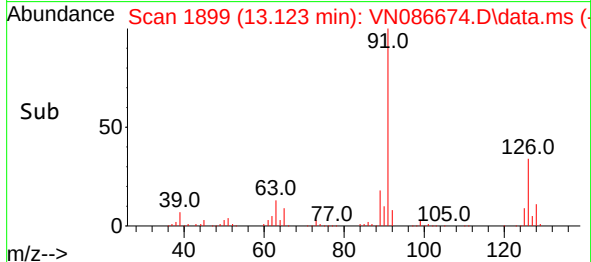
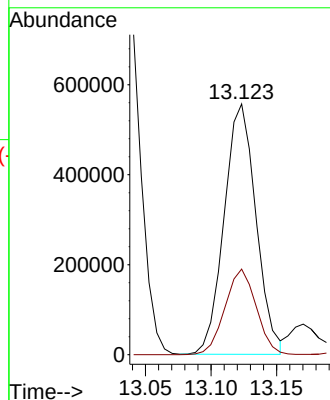
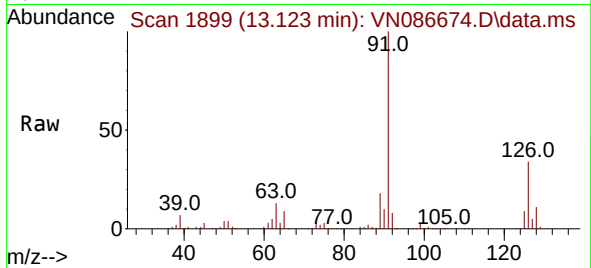




#79
2-Chlorotoluene
Concen: 98.175 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086674.D
Acq: 16 May 2025 18:32

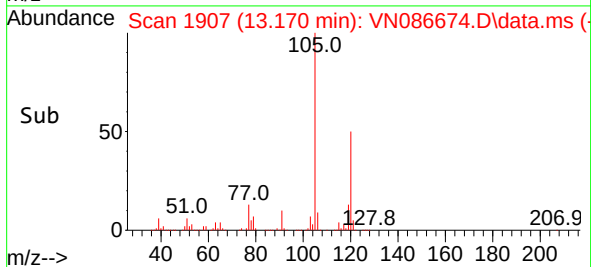
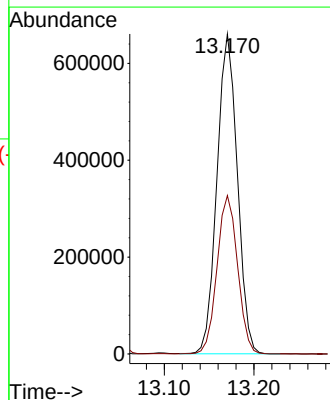
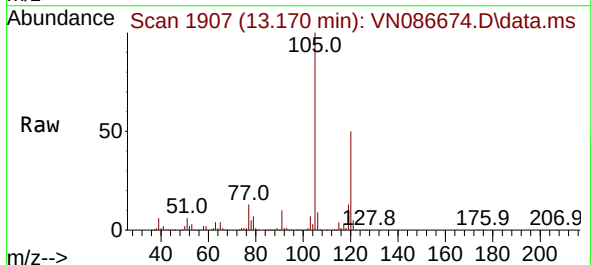
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

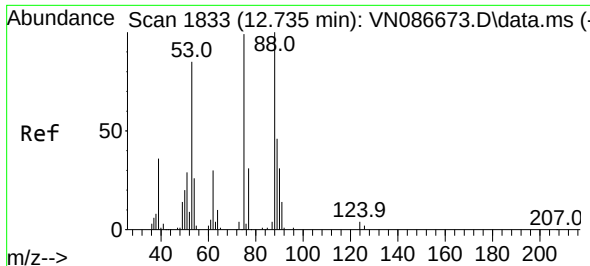
Tgt Ion: 91 Resp: 941604
Ion Ratio Lower Upper
91 100
126 33.5 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 98.009 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086674.D
Acq: 16 May 2025 18:32

Tgt Ion: 105 Resp: 1040889
Ion Ratio Lower Upper
105 100
120 50.0 24.9 74.6

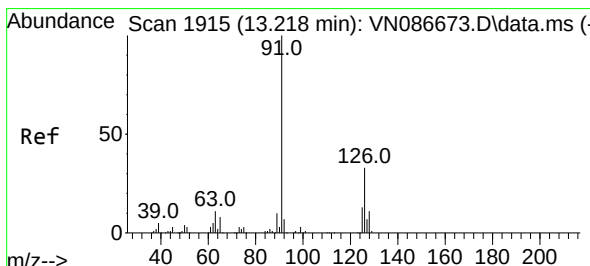
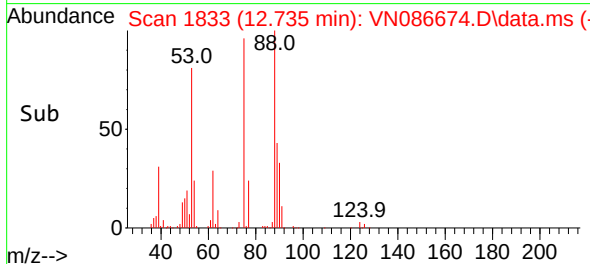
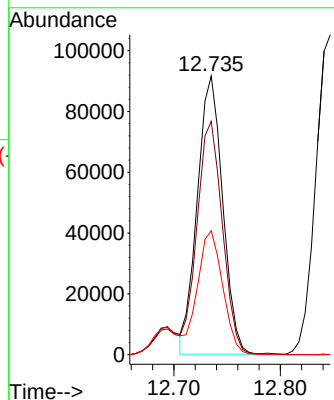
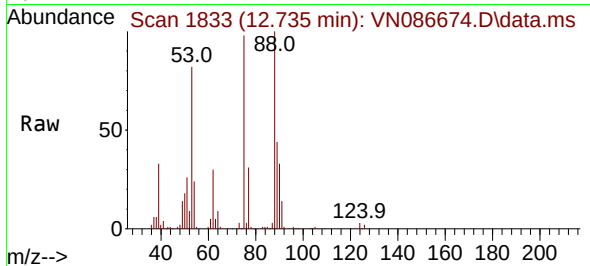




#81
trans-1,4-Dichloro-2-butene
Concen: 96.916 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086674.D
Acq: 16 May 2025 18:32

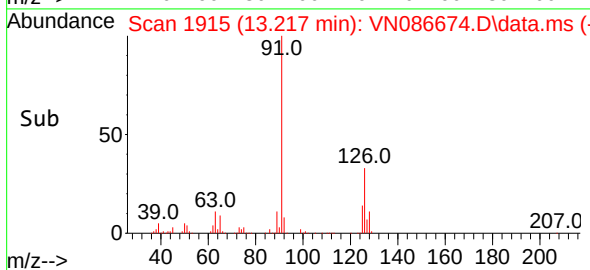
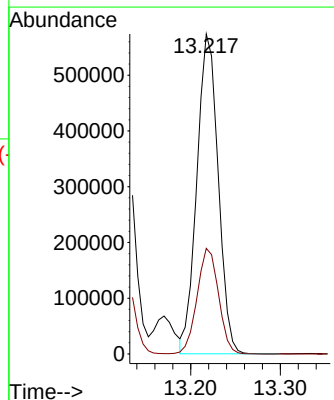
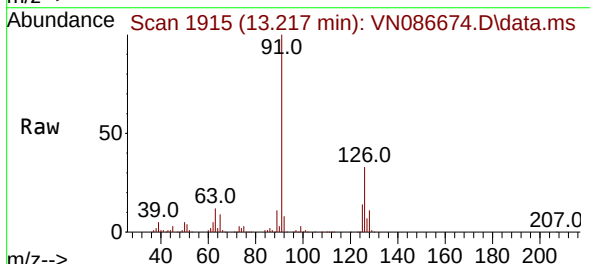
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

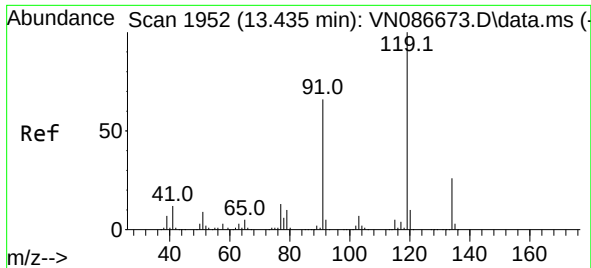
Tgt Ion: 75 Resp: 151480
Ion Ratio Lower Upper
75 100
53 84.4 70.4 105.6
89 44.8 32.4 48.6



#82
4-Chlorotoluene
Concen: 99.671 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086674.D
Acq: 16 May 2025 18:32

Tgt Ion: 91 Resp: 946308
Ion Ratio Lower Upper
91 100
126 33.2 17.0 50.9

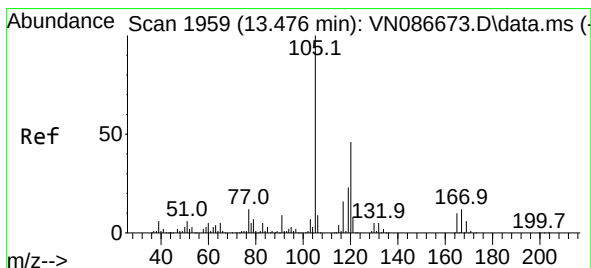
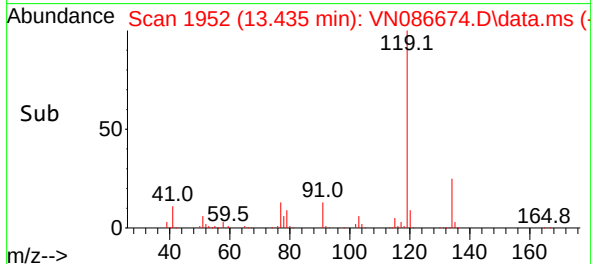
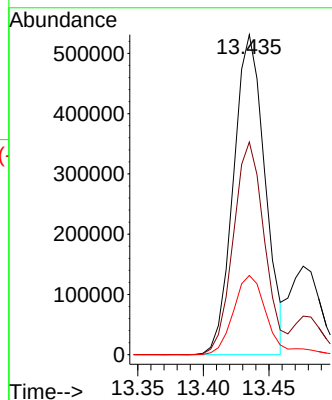
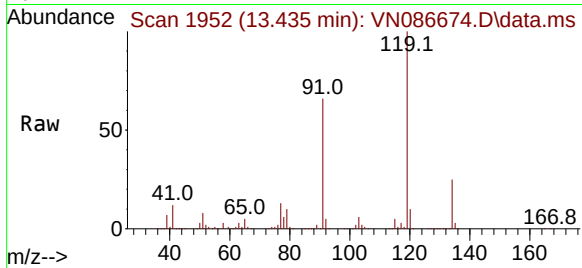




#83
tert-Butylbenzene
Concen: 96.375 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086674.D
Acq: 16 May 2025 18:32

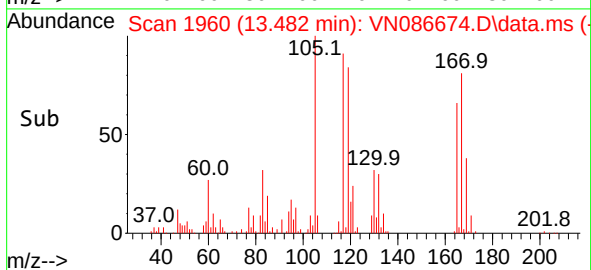
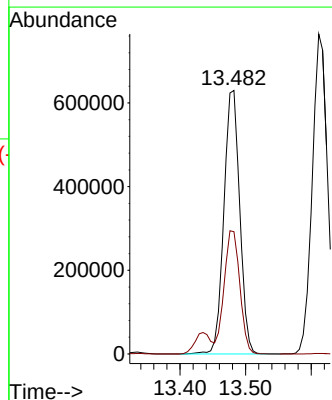
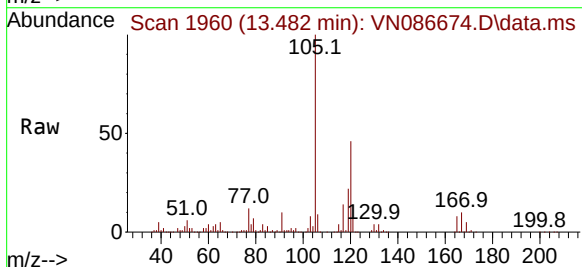
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

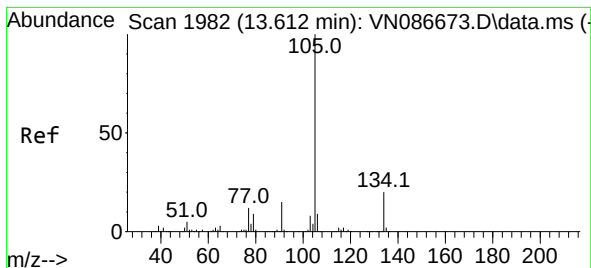
Tgt Ion:119 Resp: 887979
Ion Ratio Lower Upper
119 100
91 66.5 32.9 98.7
134 26.5 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 97.589 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN086674.D
Acq: 16 May 2025 18:32

Tgt Ion:105 Resp: 1053192
Ion Ratio Lower Upper
105 100
120 46.2 23.2 69.6





#85

sec-Butylbenzene

Concen: 97.578 ug/l

RT: 13.611 min Scan# 1982

Delta R.T. -0.000 min

Lab File: VN086674.D

Acq: 16 May 2025 18:32

Instrument :

MSVOA_N

ClientSampleId :

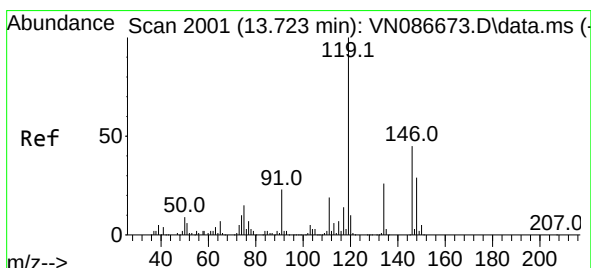
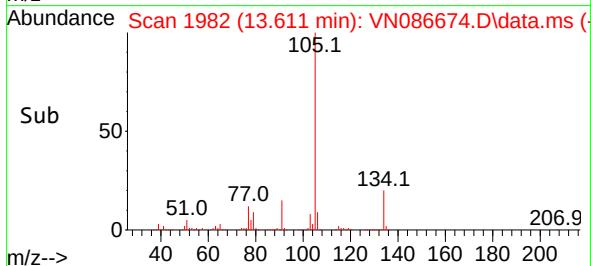
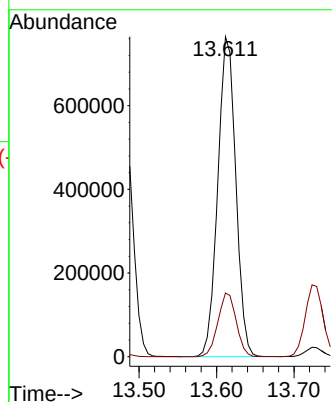
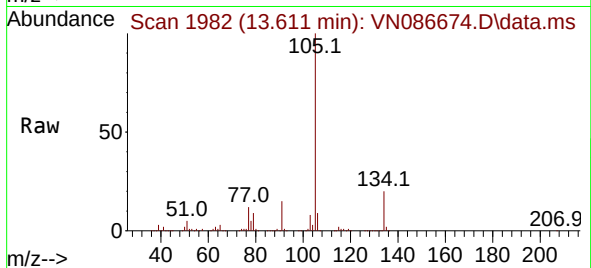
VSTDIC100

Tgt Ion:105 Resp: 1238888

Ion Ratio Lower Upper

105 100

134 20.2 10.1 30.1



#86

p-Isopropyltoluene

Concen: 99.663 ug/l

RT: 13.723 min Scan# 2001

Delta R.T. -0.000 min

Lab File: VN086674.D

Acq: 16 May 2025 18:32

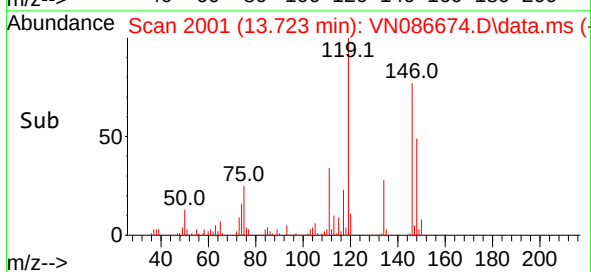
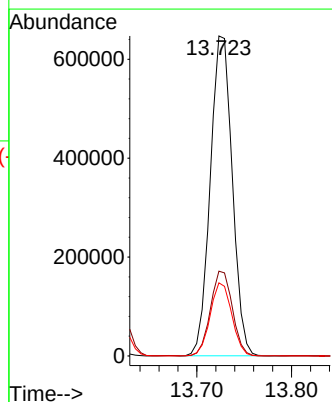
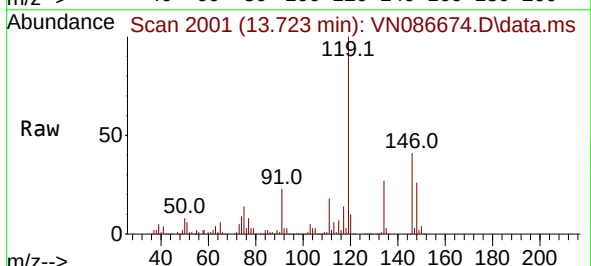
Tgt Ion:119 Resp: 1042829

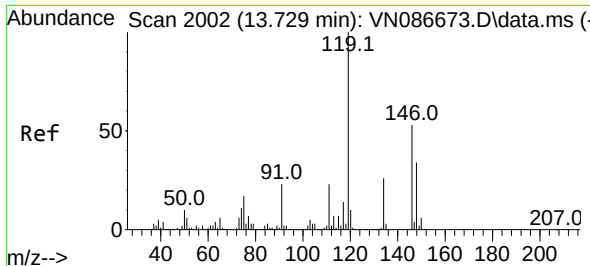
Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.1

91 22.5 11.5 34.5

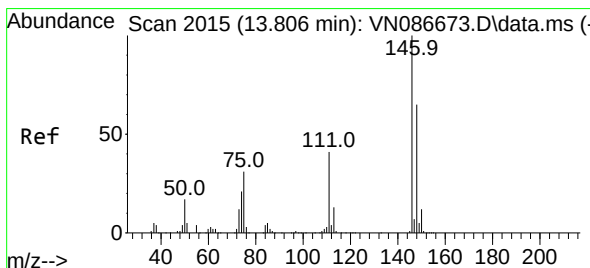
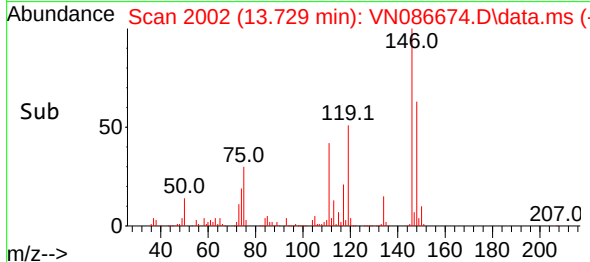
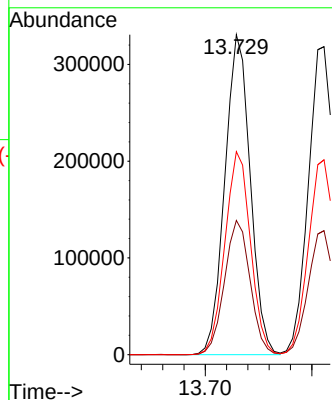
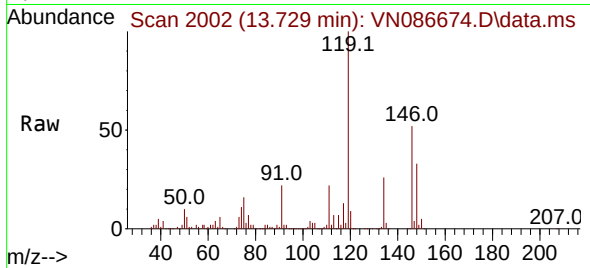




#87
1,3-Dichlorobenzene
Concen: 100.759 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086674.D
Acq: 16 May 2025 18:32

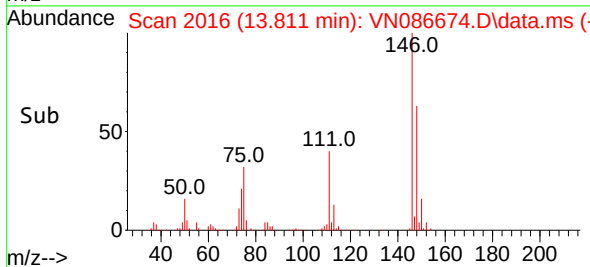
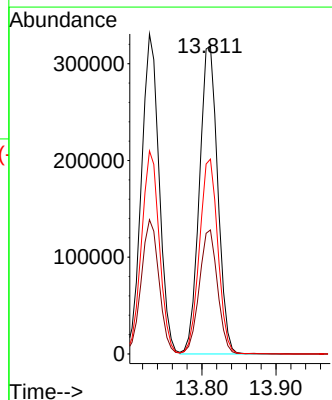
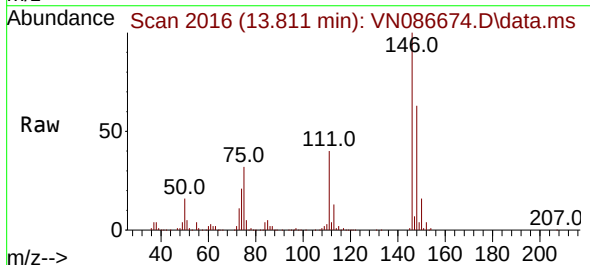
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

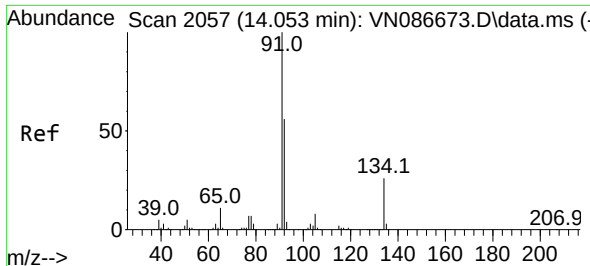
Tgt Ion:146 Resp: 548281
Ion Ratio Lower Upper
146 100
111 42.3 20.9 62.7
148 63.9 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 100.036 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN086674.D
Acq: 16 May 2025 18:32

Tgt Ion:146 Resp: 547029
Ion Ratio Lower Upper
146 100
111 39.8 20.6 61.8
148 63.5 32.0 96.0

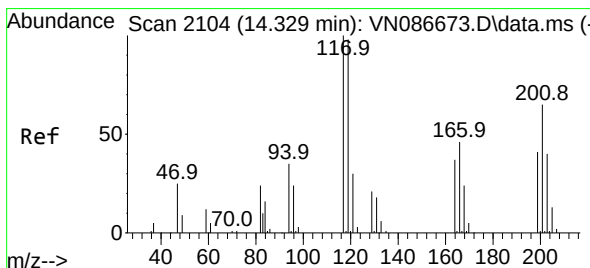
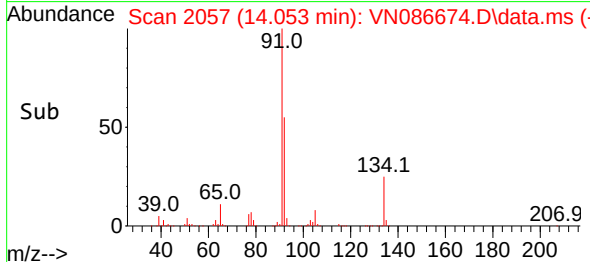
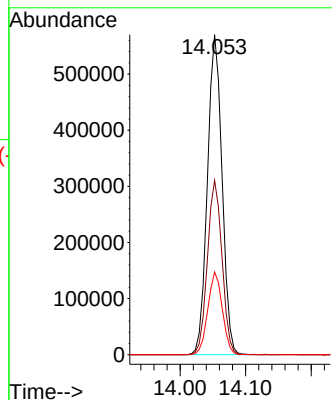
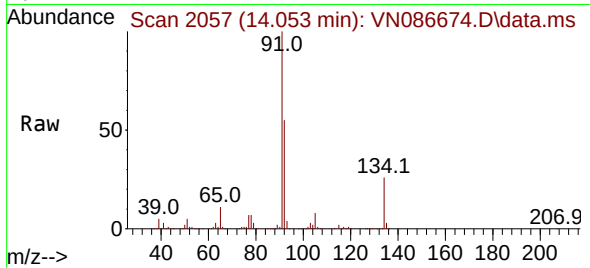




#89
n-Butylbenzene
Concen: 96.440 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086674.D
Acq: 16 May 2025 18:32

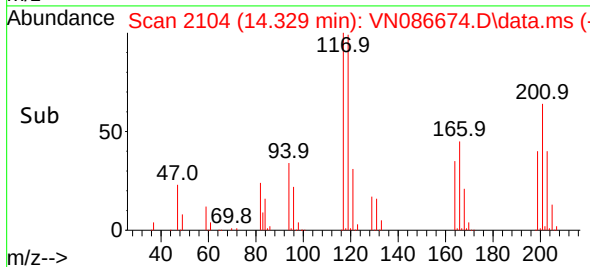
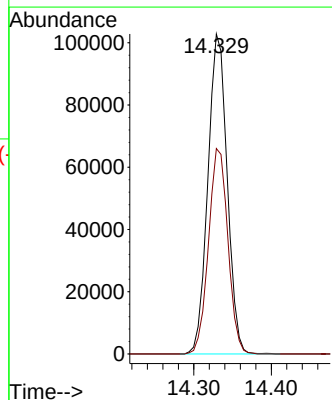
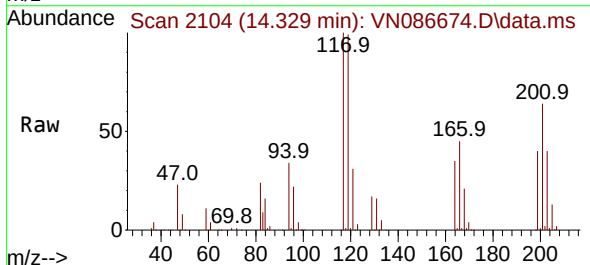
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

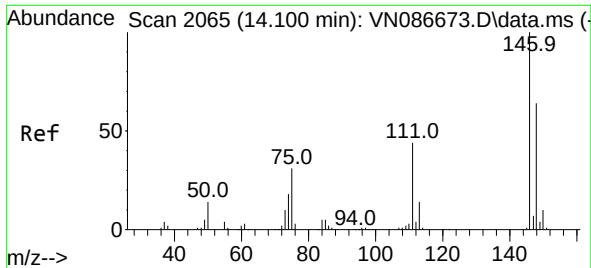
Tgt Ion: 91 Resp: 885854
Ion Ratio Lower Upper
91 100
92 54.3 27.4 82.0
134 25.6 12.8 38.4



#90
Hexachloroethane
Concen: 100.975 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086674.D
Acq: 16 May 2025 18:32

Tgt Ion: 117 Resp: 177725
Ion Ratio Lower Upper
117 100
201 64.6 32.0 96.0

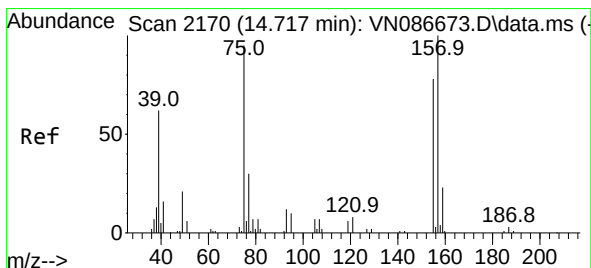
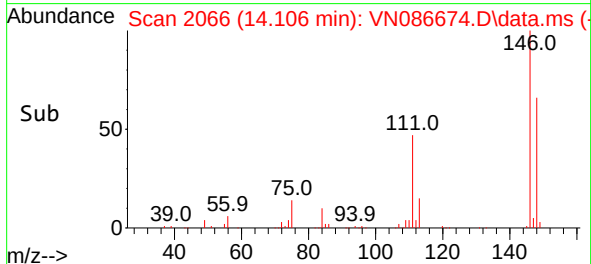
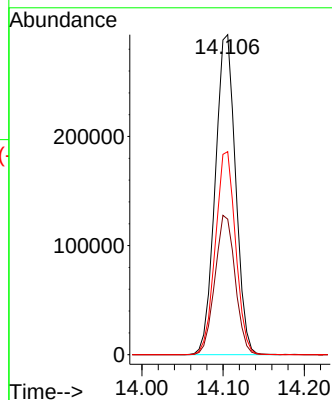
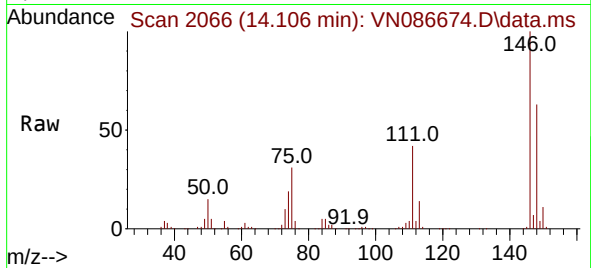




#91
 1,2-Dichlorobenzene
 Concen: 96.922 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. 0.006 min
 Lab File: VN086674.D
 Acq: 16 May 2025 18:32

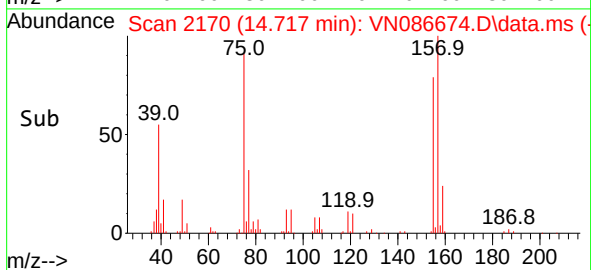
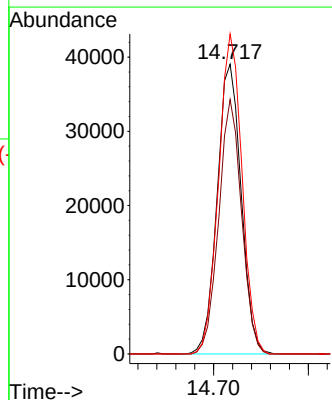
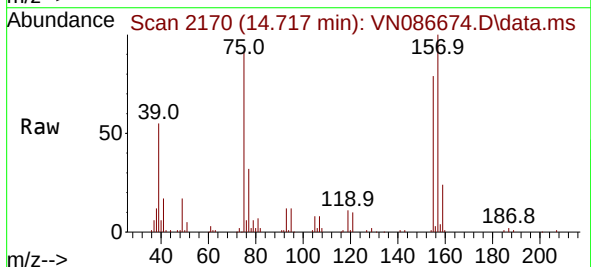
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

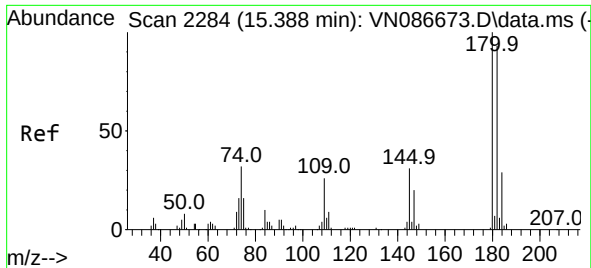
Tgt Ion:146 Resp: 511274
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.6 65.0
 148 63.3 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 92.118 ug/l
 RT: 14.717 min Scan# 2170
 Delta R.T. -0.000 min
 Lab File: VN086674.D
 Acq: 16 May 2025 18:32

Tgt Ion: 75 Resp: 68755
 Ion Ratio Lower Upper
 75 100
 155 83.6 40.5 121.5
 157 107.9 53.6 160.8

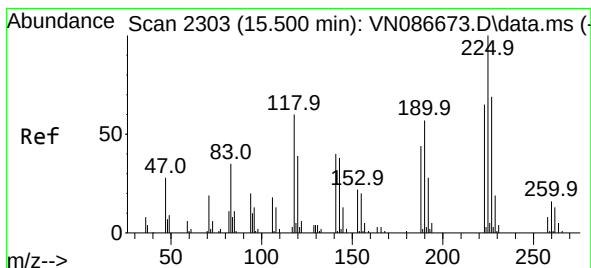
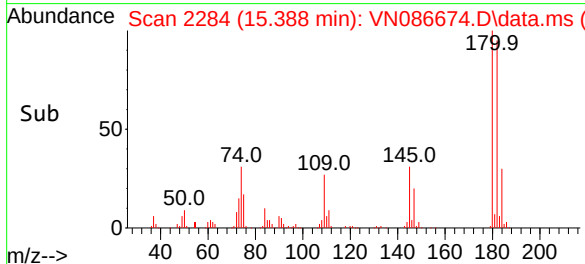
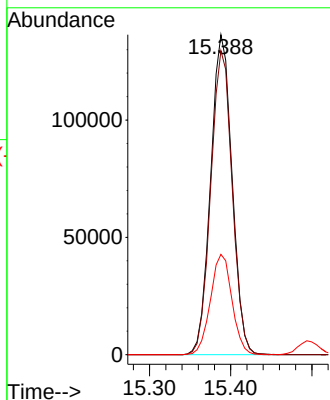
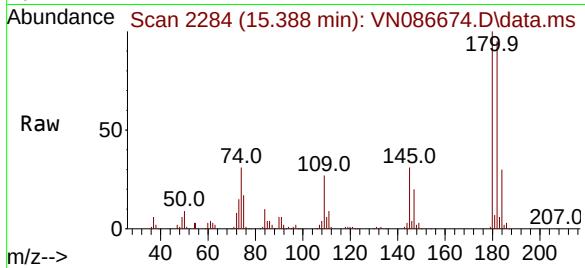




#93
 1,2,4-Trichlorobenzene
 Concen: 100.491 ug/l
 RT: 15.388 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN086674.D
 Acq: 16 May 2025 18:32

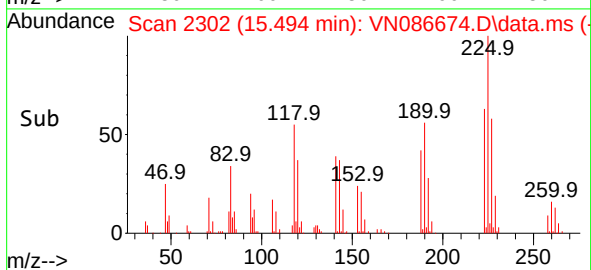
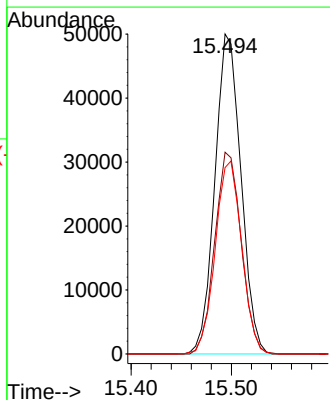
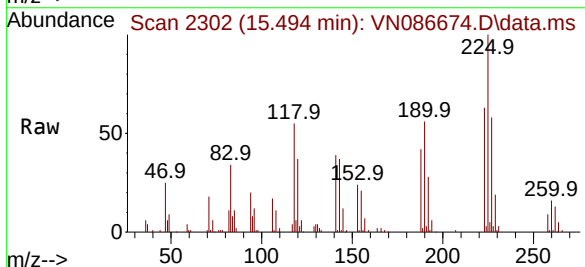
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

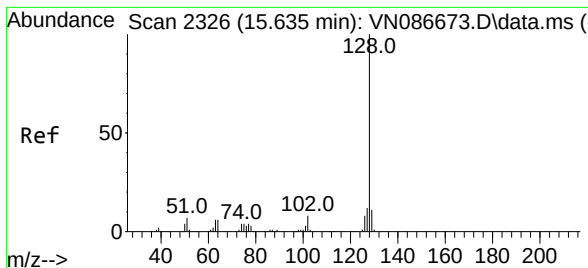
Tgt Ion:180 Resp: 249837
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.1 141.3
 145 31.5 15.6 46.8



#94
 Hexachlorobutadiene
 Concen: 95.636 ug/l
 RT: 15.494 min Scan# 2302
 Delta R.T. -0.006 min
 Lab File: VN086674.D
 Acq: 16 May 2025 18:32

Tgt Ion:225 Resp: 90372
 Ion Ratio Lower Upper
 225 100
 223 63.9 32.9 98.6
 227 61.4 32.4 97.2

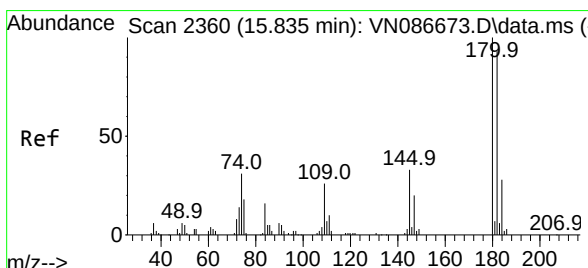
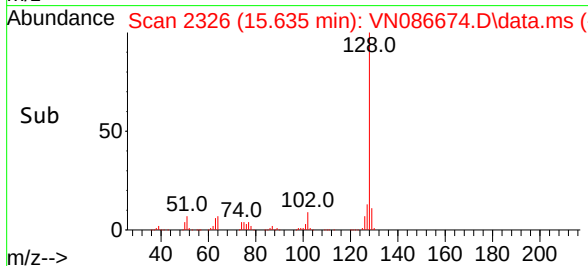
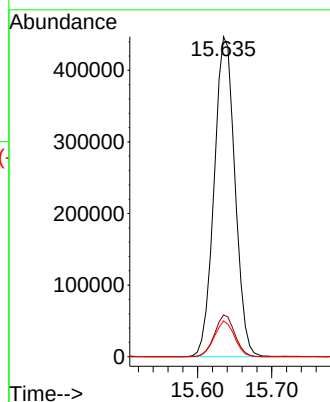
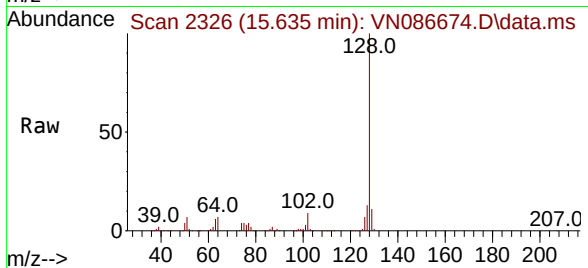




#95
Naphthalene
Concen: 98.763 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086674.D
Acq: 16 May 2025 18:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 871550
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 99.955 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086674.D
Acq: 16 May 2025 18:32

Tgt Ion:180 Resp: 236333
Ion Ratio Lower Upper
180 100
182 94.6 47.0 141.2
145 33.2 16.7 50.1

