

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062525\
 Data File : VN087163.D
 Acq On : 25 Jun 2025 09:20
 Operator : JC\MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Quant Time: Jun 25 15:24:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jun 25 10:49:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	35021	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	196036	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	185687	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	80849	30.640	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.133%			
60) 4-Bromofluorobenzene	12.847	95	83246	29.053	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 96.833%			
63) Toluene-d8	10.565	98	259828	31.164	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 103.867%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.154	85	38576	18.299	ug/l	100
3) Chloromethane	2.395	50	36457	16.931	ug/l	100
4) Vinyl Chloride	2.553	62	42008	17.951	ug/l	100
5) Bromomethane	3.001	94	22531	18.142	ug/l	100
6) Chloroethane	3.153	64	22548	17.962	ug/l	100
7) Trichlorofluoromethane	3.530	101	54211	18.886	ug/l	100
8) Diethyl Ether	3.983	74	25082	17.785	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.400	101	39250	18.443	ug/l	100
10) 1,1-Dichloroethene	4.371	96	39141	18.450	ug/l	100
11) Methyl Iodide	4.612	142	30168	15.873	ug/l	100
12) Methyl Acetate	5.047	43	61084	18.357	ug/l	100
13) Acrolein	4.206	56	41919	81.982	ug/l	100
14) Acrylonitrile	5.736	53	143262	92.300	ug/l	100
15) Acetone	4.453	58	42803	94.538	ug/l	100
16) Carbon Disulfide	4.736	76	113169	18.245	ug/l	100
17) Allyl chloride	5.042	41	64418	18.410	ug/l	100
18) Methylene Chloride	5.300	84	45462	18.498	ug/l	100
19) trans-1,2-Dichloroethene	5.806	96	42521	18.328	ug/l	100
20) Diisopropyl ether	6.689	45	142052	19.135	ug/l	100
21) 1,1-Dichloroethane	6.583	63	83594	18.841	ug/l	100
22) cis-1,2-Dichloroethene	7.494	96	48862	18.096	ug/l	100
23) tert-Butyl Alcohol	5.536	59	52931	90.678	ug/l #	100
24) Methyl tert-Butyl Ether	5.812	73	133867	17.992	ug/l	100
25) Chloroform	7.971	83	77659	18.270	ug/l	100
26) Cyclohexane	8.265	56	65879	17.863	ug/l	100
29) 1,1-Dichloropropene	8.377	75	52341	17.130	ug/l	100
30) 2-Butanone	7.494	43	186786	90.624	ug/l	100
31) 2,2-Dichloropropane	7.500	77	67667	18.346	ug/l	100
32) 1,1,1-Trichloroethane	8.177	97	65006	18.211	ug/l	100
33) Carbon Tetrachloride	8.371	117	51957	17.296	ug/l	100
34) Benzene	8.612	78	171052	17.671	ug/l	100
35) Methacrylonitrile	7.788	41	37169	17.894	ug/l	100
36) 1,2-Dichloroethane	8.671	62	57773	18.472	ug/l	100
37) Trichloroethene	9.353	130	38479	17.234	ug/l	100
38) Methylcyclohexane	9.606	83	61684	17.595	ug/l	100
39) 1,2-Dichloropropane	9.624	63	45479	18.719	ug/l	100
40) Dibromomethane	9.712	93	30677	18.569	ug/l	100
41) Bromodichloromethane	9.894	83	63009	18.895	ug/l	100
42) Vinyl Acetate	6.618	43	619269	92.376	ug/l	100

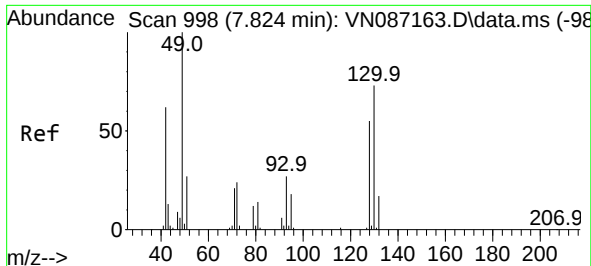
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062525\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	73261	19.690	ug/l	100
44) Isopropyl Acetate	8.694	43	109066	17.991	ug/l	100
45) 1,4-Dioxane	9.700	88	14898	363.296	ug/l	100
46) Methyl methacrylate	9.682	41	51785	18.376	ug/l	100
47) n-amyl Acetate	12.529	43	11542	3.114	ug/l #	100
48) t-1,3-Dichloropropene	10.835	75	66870	17.988	ug/l	100
49) cis-1,3-Dichloropropene	10.312	75	74233	18.784	ug/l	100
50) 1,1,2-Trichloroethane	11.018	97	43535	18.551	ug/l	100
51) Ethyl methacrylate	10.882	69	61428	17.198	ug/l	100
52) 1,3-Dichloropropane	11.165	76	74825	18.572	ug/l	100
53) Dibromochloromethane	11.359	129	44787	18.181	ug/l	100
54) 1,2-Dibromoethane	11.471	107	44953	18.566	ug/l	100
55) 2-Chloroethyl vinyl ether	10.159	63	189897	92.751	ug/l	100
56) Bromoform	12.576	173	30532	18.029	ug/l	100
58) 4-Methyl-2-Pentanone	10.447	43	338778	90.752	ug/l	100
59) 2-Hexanone	11.206	43	199560	82.788	ug/l	100
61) Tetrachloroethene	11.106	164	33143	18.024	ug/l	100
62) Toluene	10.629	91	191888	18.297	ug/l	100
64) Chlorobenzene	11.888	112	121902	18.222	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.959	131	40342	18.251	ug/l	100
66) Ethyl Benzene	11.965	91	204111	17.781	ug/l	100
67) m/p-Xylenes	12.070	106	157576	35.823	ug/l	100
68) o-Xylene	12.394	106	74793	17.822	ug/l	100
69) Styrene	12.412	104	128666	17.859	ug/l	100
70) Isopropylbenzene	12.694	105	183132	17.522	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	70012	18.610	ug/l	100
72) 1,2,3-Trichloropropane	12.988	75	91095	28.080	ug/l	52
73) Bromobenzene	12.982	156	44654	17.613	ug/l	100
74) n-propylbenzene	13.035	91	224021	17.545	ug/l	100
75) 2-Chlorotoluene	13.123	91	133694	17.331	ug/l	100
76) 1,3,5-Trimethylbenzene	13.170	105	146137	17.175	ug/l	100
77) t-1,4-Dichloro-2-butene	12.735	75	24271	16.866	ug/l	100
78) 4-Chlorotoluene	13.217	91	137101	17.353	ug/l	100
79) tert-butylbenzene	13.435	119	122243	17.092	ug/l	100
80) 1,2,4-Trimethylbenzene	13.482	105	145867	17.072	ug/l	100
81) sec-Butylbenzene	13.612	105	182391	17.543	ug/l	100
82) p-Isopropyltoluene	13.729	119	156830	18.126	ug/l	100
83) 1,3-Dichlorobenzene	13.729	146	88727	18.174	ug/l	100
84) 1,4-Dichlorobenzene	13.812	146	88343	17.979	ug/l	100
85) n-Butylbenzene	14.053	91	142647	18.070	ug/l	100
86) Hexachloroethane	14.329	117	28116	17.167	ug/l	100
87) 1,2-Dichlorobenzene	14.106	146	82984	18.027	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.711	75	15132	17.863	ug/l	100
89) 1,2,4-Trichlorobenzene	15.835	180	46967	18.033	ug/l	100
90) Hexachlorobutadiene	15.494	225	13876	17.954	ug/l	100
91) Naphthalene	15.635	128	178532	17.417	ug/l	100
92) 1,2,3-Trichlorobenzene	15.835	180	46967	18.033	ug/l	100

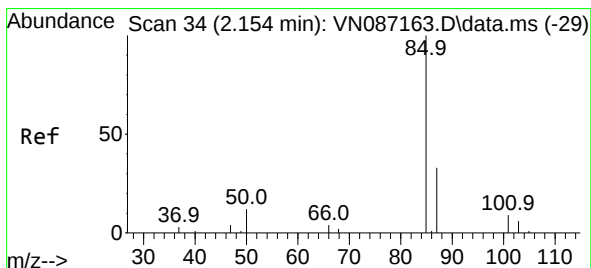
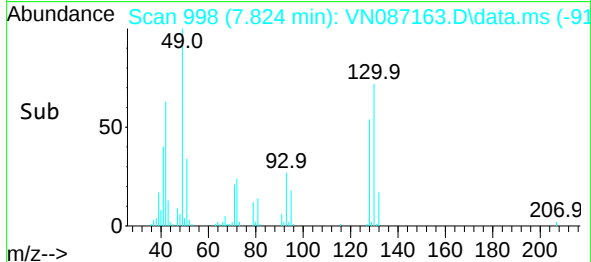
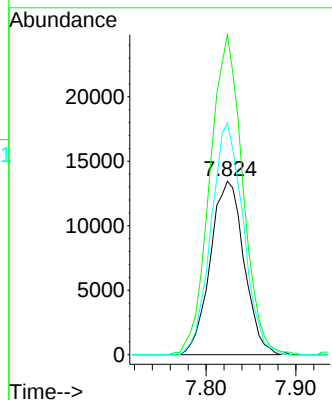
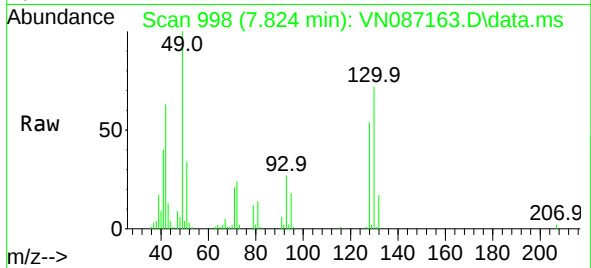
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN087163.D
Acq: 25 Jun 2025 09:20

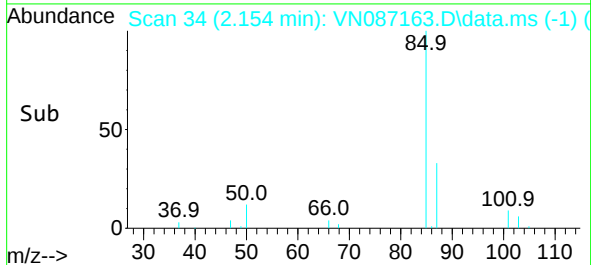
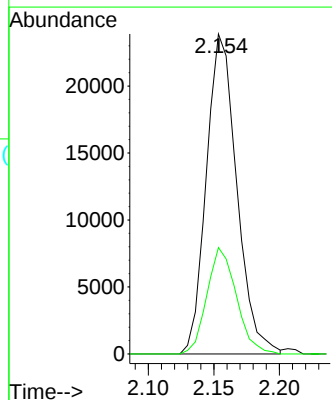
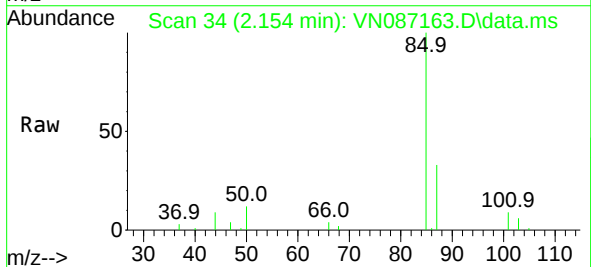
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MSVOA_N
ClientSampleId :
VSTDICCC020

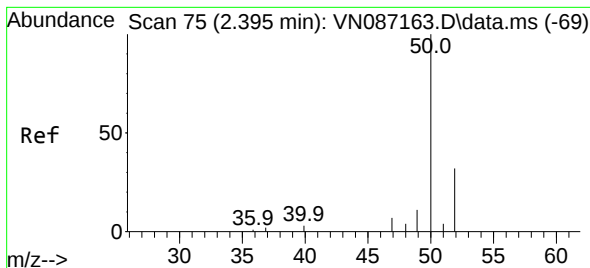
Tgt Ion:128 Resp: 35021
Ion Ratio Lower Upper
128 100
49 180.2 0.0 450.5
130 128.3 0.0 320.7



#2
Dichlorodifluoromethane
Concen: 18.299 ug/l
RT: 2.154 min Scan# 34
Delta R.T. 0.000 min
Lab File: VN087163.D
Acq: 25 Jun 2025 09:20

Tgt Ion: 85 Resp: 38576
Ion Ratio Lower Upper
85 100
87 33.3 16.7 50.0





#3

Chloromethane

Concen: 16.931 ug/l

RT: 2.395 min Scan# 75

Delta R.T. 0.000 min

Lab File: VN087163.D

Acq: 25 Jun 2025 09:20

Instrument :

MSVOA_N

ClientSampleId :

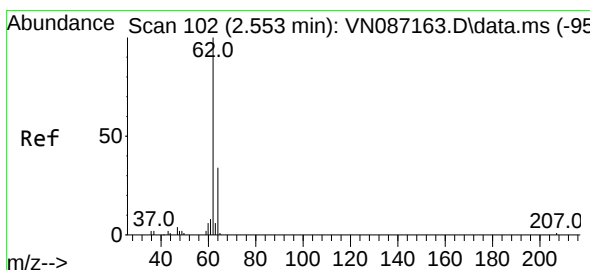
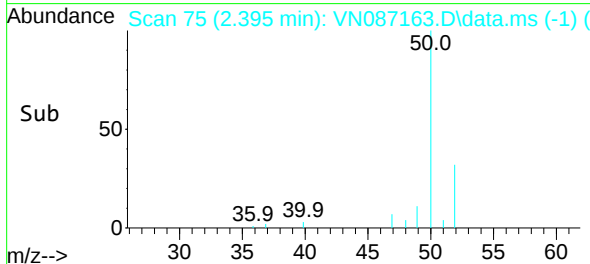
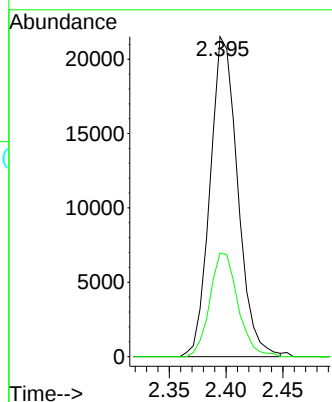
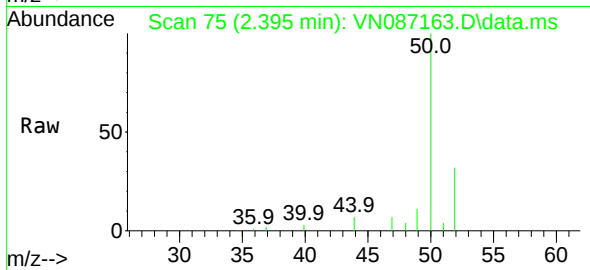
VSTDICCC020

Tgt Ion: 50 Resp: 36457

Ion Ratio Lower Upper

50 100

52 32.4 25.9 38.9



#4

Vinyl Chloride

Concen: 17.951 ug/l

RT: 2.553 min Scan# 102

Delta R.T. 0.000 min

Lab File: VN087163.D

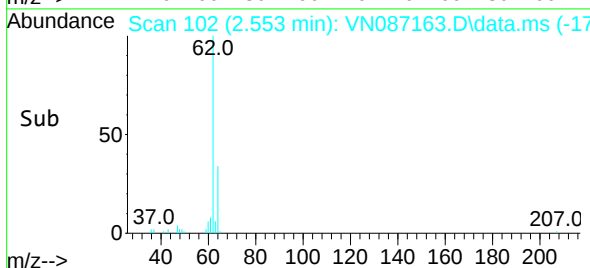
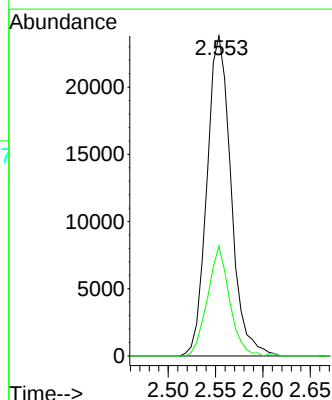
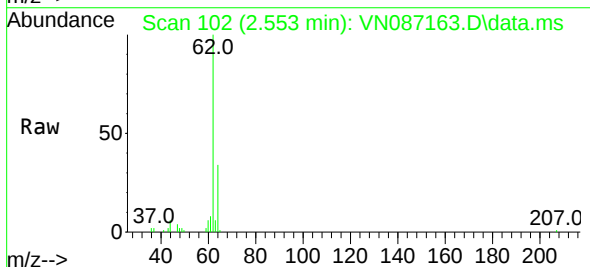
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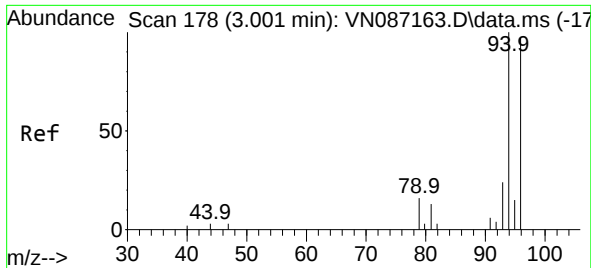
Tgt Ion: 62 Resp: 42008

Ion Ratio Lower Upper

62 100

64 34.3 27.4 41.2

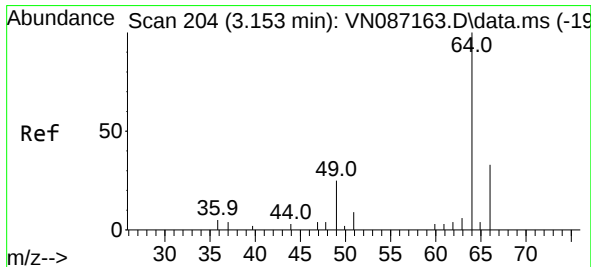
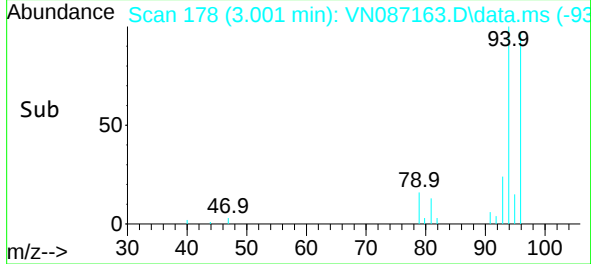
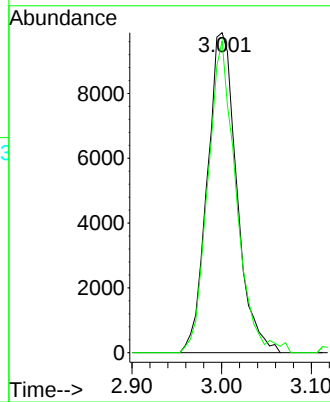
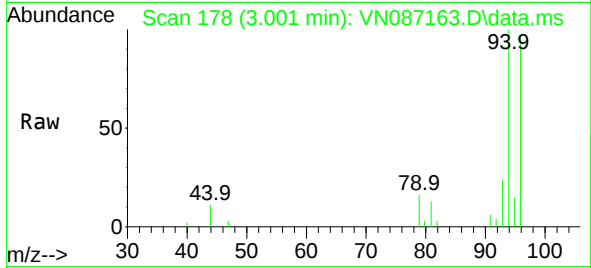




#5
Bromomethane
Concen: 18.142 ug/l
RT: 3.001 min Scan# 178
Delta R.T. 0.000 min
Lab File: VN087163.D
Acq: 25 Jun 2025 09:20

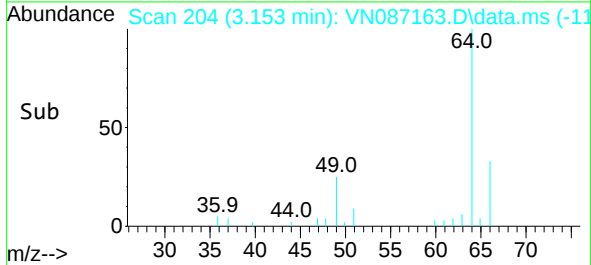
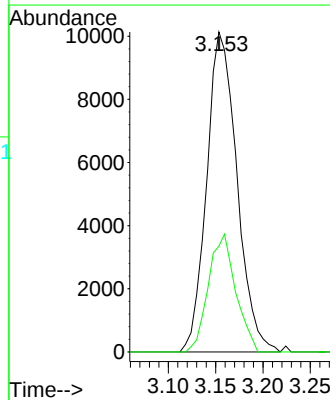
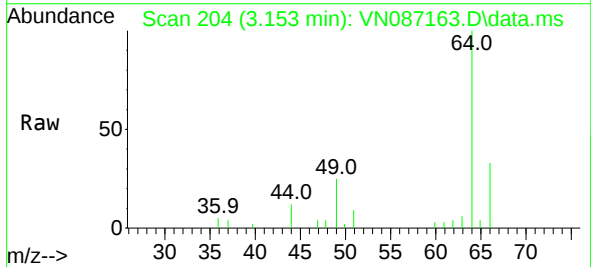
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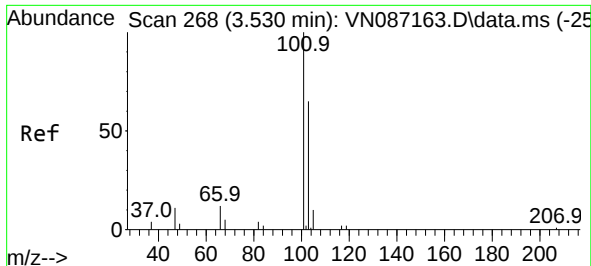
Tgt Ion: 94 Resp: 22531
Ion Ratio Lower Upper
94 100
96 97.4 77.9 116.9



#6
Chloroethane
Concen: 17.962 ug/l
RT: 3.153 min Scan# 204
Delta R.T. 0.000 min
Lab File: VN087163.D
Acq: 25 Jun 2025 09:20

Tgt Ion: 64 Resp: 22548
Ion Ratio Lower Upper
64 100
66 33.0 26.4 39.6

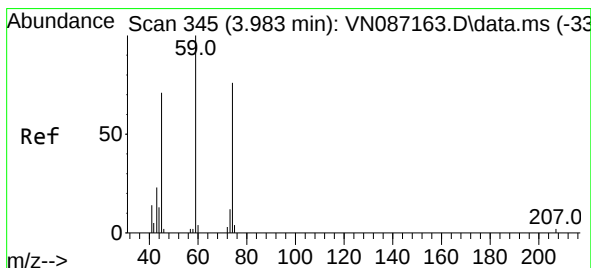
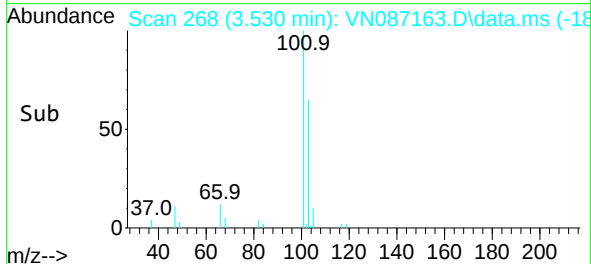
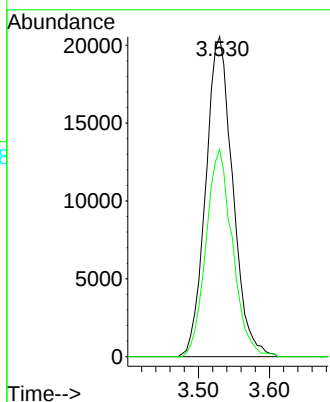
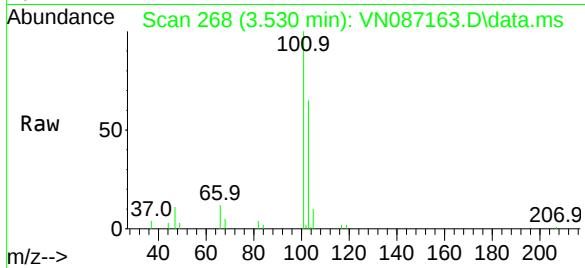




#7
 Trichlorofluoromethane
 Concen: 18.886 ug/l
 RT: 3.530 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN087163.D
 Acq: 25 Jun 2025 09:20

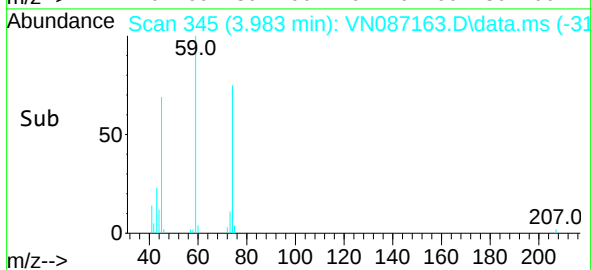
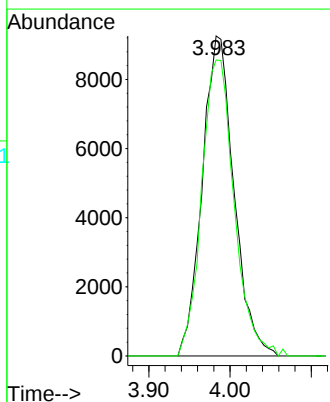
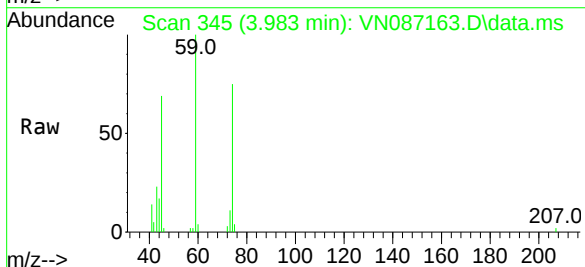
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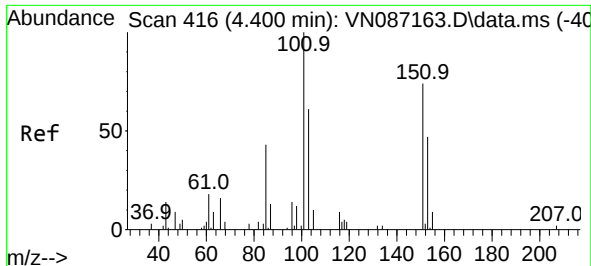
Tgt Ion:101 Resp: 54211
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.8 77.8



#8
 Diethyl Ether
 Concen: 17.785 ug/l
 RT: 3.983 min Scan# 345
 Delta R.T. 0.000 min
 Lab File: VN087163.D
 Acq: 25 Jun 2025 09:20

Tgt Ion: 74 Resp: 25082
 Ion Ratio Lower Upper
 74 100
 45 95.0 19.0 171.0

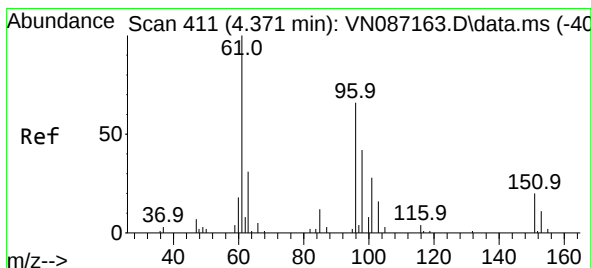
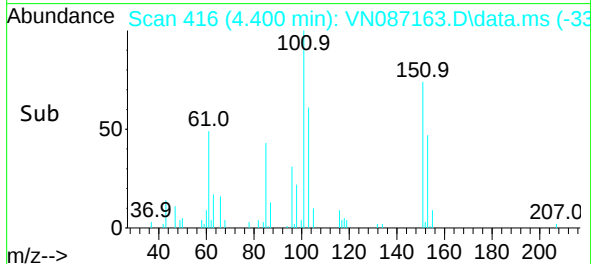
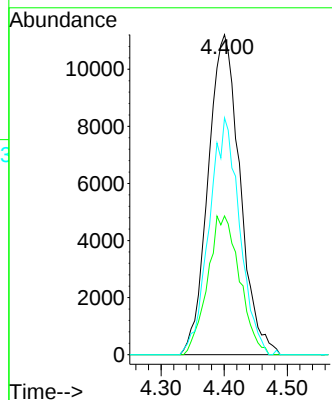
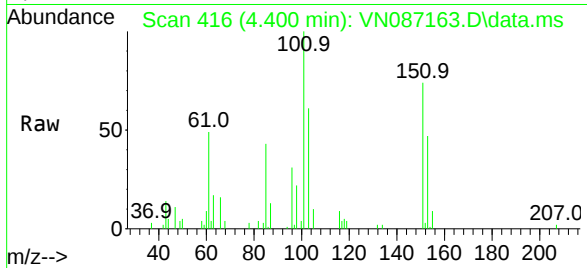




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.443 ug/l
 RT: 4.400 min Scan# 416
 Delta R.T. 0.000 min
 Lab File: VN087163.D
 Acq: 25 Jun 2025 09:20

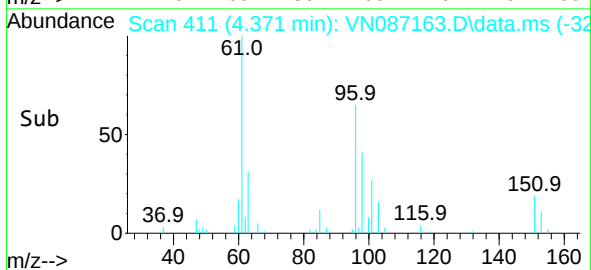
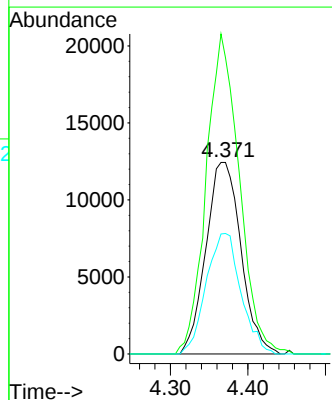
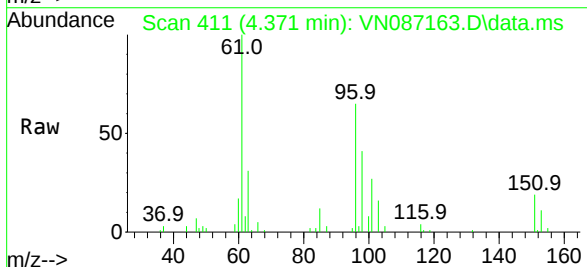
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 VSTDICCC020

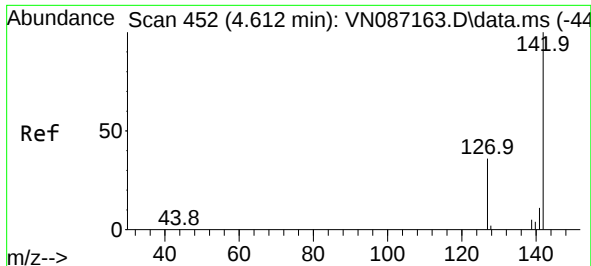
Tgt Ion:101 Resp: 39250
 Ion Ratio Lower Upper
 101 100
 85 20.3 0.0 40.6
 151 70.6 0.0 141.2



#10
 1,1-Dichloroethene
 Concen: 18.450 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. 0.000 min
 Lab File: VN087163.D
 Acq: 25 Jun 2025 09:20

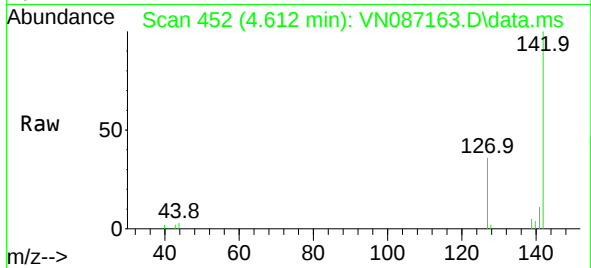
Tgt Ion: 96 Resp: 39141
 Ion Ratio Lower Upper
 96 100
 61 152.5 122.0 183.0
 98 62.9 50.3 75.5



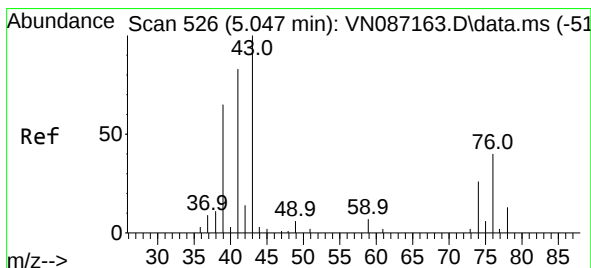
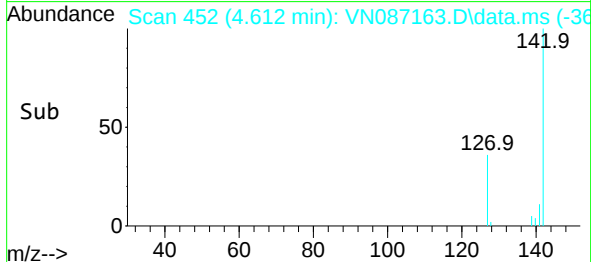
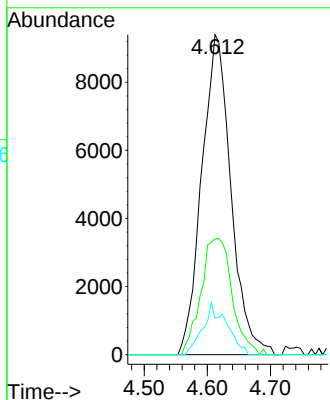


#11
Methyl Iodide
Concen: 15.873 ug/l
RT: 4.612 min Scan# 452
Delta R.T. 0.000 min
Lab File: VN087163.D
Acq: 25 Jun 2025 09:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

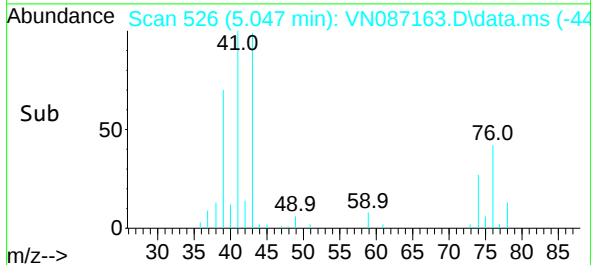
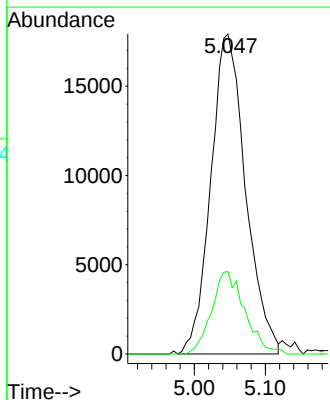
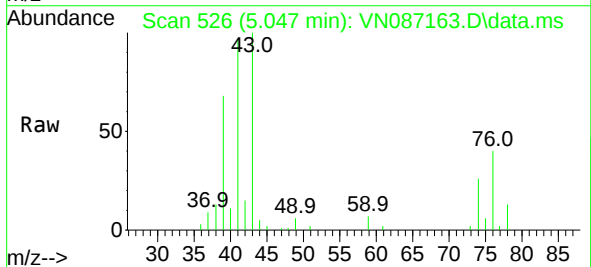


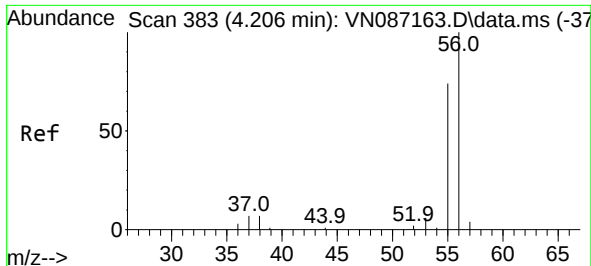
Tgt Ion:142 Resp: 30168
Ion Ratio Lower Upper
142 100
127 36.1 18.1 54.1
141 11.4 5.7 17.1



#12
Methyl Acetate
Concen: 18.357 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.000 min
Lab File: VN087163.D
Acq: 25 Jun 2025 09:20

Tgt Ion: 43 Resp: 61084
Ion Ratio Lower Upper
43 100
74 25.4 20.3 30.5

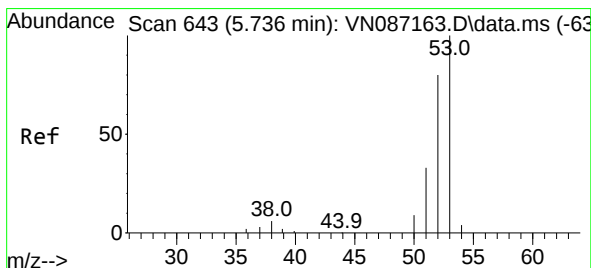
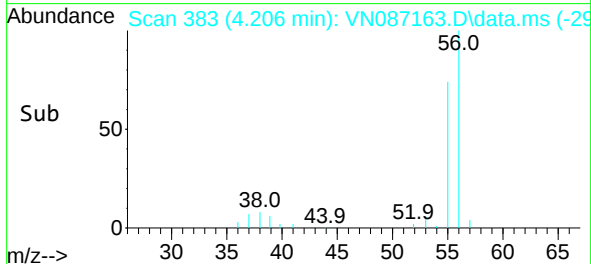
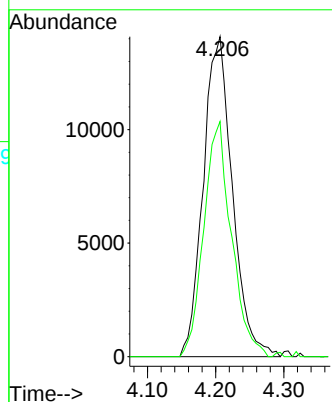
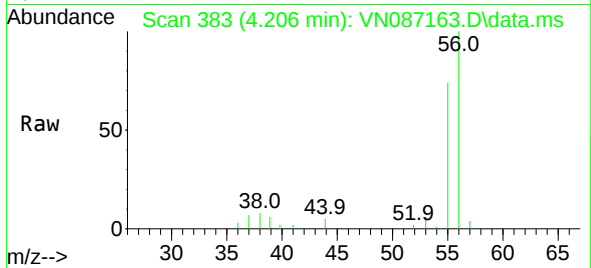




#13
Acrolein
Concen: 81.982 ug/l
RT: 4.206 min Scan# 383
Delta R.T. 0.000 min
Lab File: VN087163.D
Acq: 25 Jun 2025 09:20

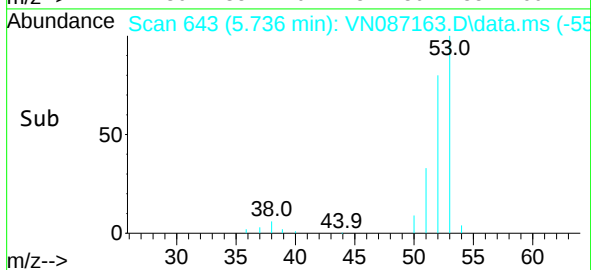
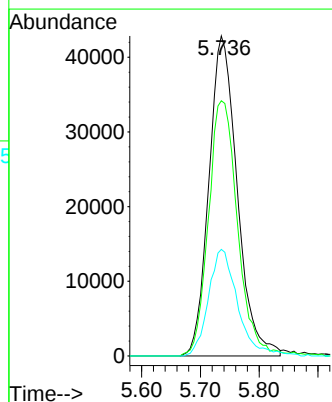
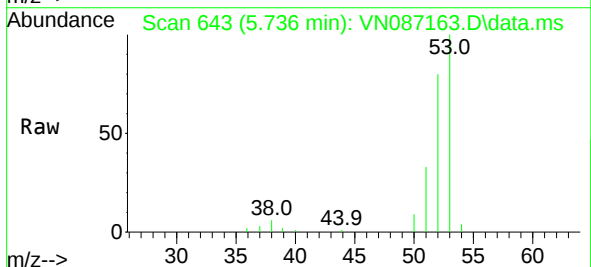
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

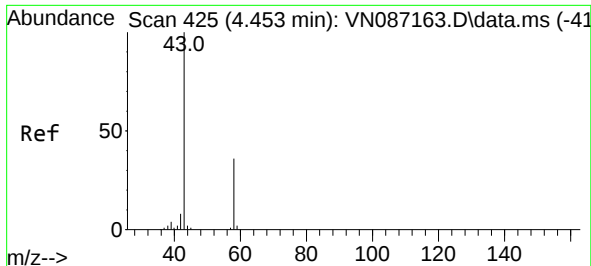
Tgt Ion: 56 Resp: 41919
Ion Ratio Lower Upper
56 100
55 69.6 55.7 83.5



#14
Acrylonitrile
Concen: 92.300 ug/l
RT: 5.736 min Scan# 643
Delta R.T. 0.000 min
Lab File: VN087163.D
Acq: 25 Jun 2025 09:20

Tgt Ion: 53 Resp: 143262
Ion Ratio Lower Upper
53 100
52 81.0 40.5 121.5
51 33.8 16.9 50.7





#15

Acetone

Concen: 94.538 ug/l

RT: 4.453 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN087163.D

Acq: 25 Jun 2025 09:20

Instrument :

MSVOA_N

ClientSampleId :

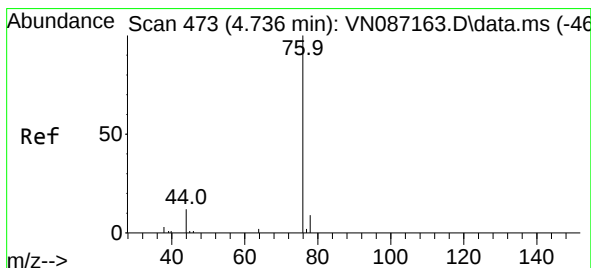
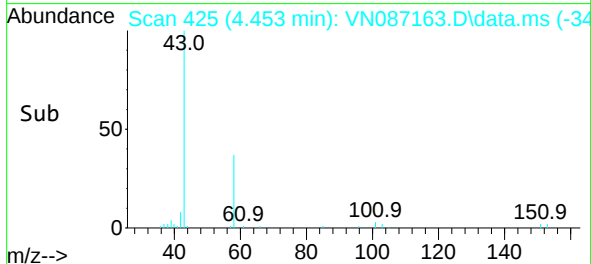
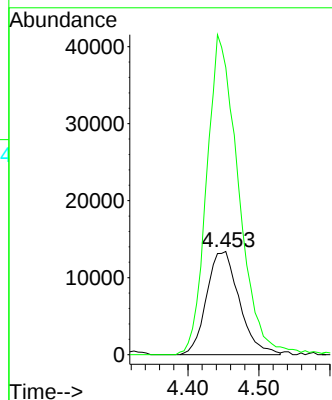
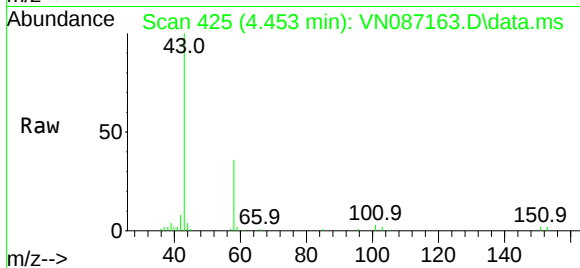
VSTDICCC020

Tgt Ion: 58 Resp: 42803

Ion Ratio Lower Upper

58 100

43 280.4 224.3 336.5



#16

Carbon Disulfide

Concen: 18.245 ug/l

RT: 4.736 min Scan# 473

Delta R.T. 0.000 min

Lab File: VN087163.D

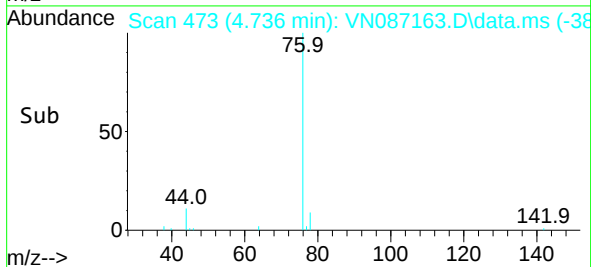
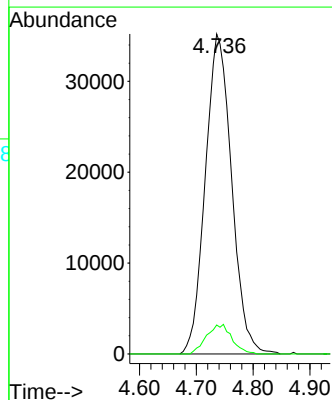
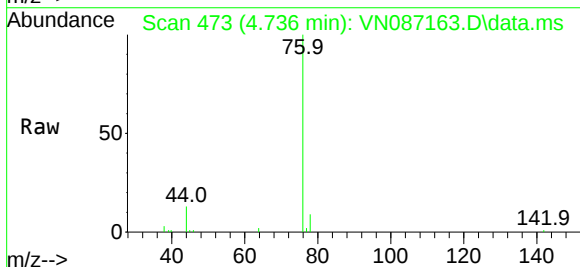
Acq: 25 Jun 2025 09:20

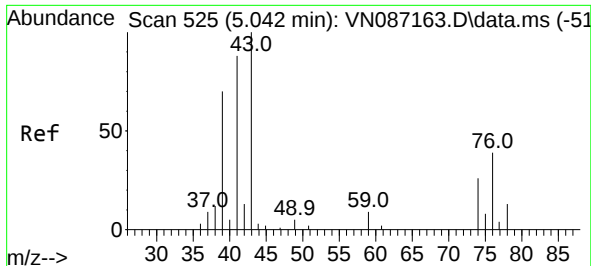
Tgt Ion: 76 Resp: 113169

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8





#17

Allyl chloride

Concen: 18.410 ug/l

RT: 5.042 min Scan# 51

Delta R.T. 0.000 min

Lab File: VN087163.D

Acq: 25 Jun 2025 09:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

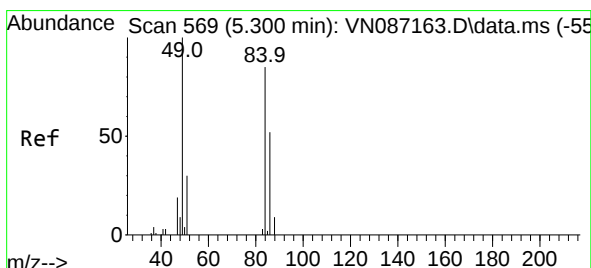
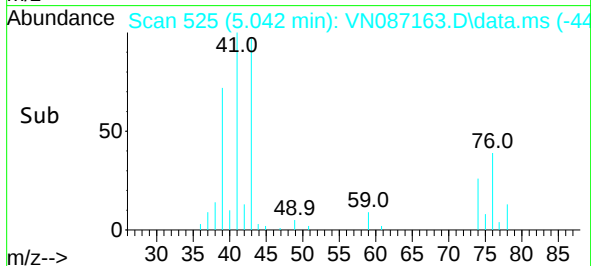
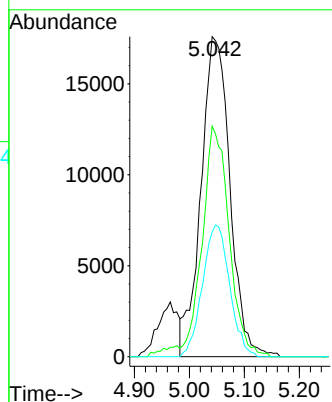
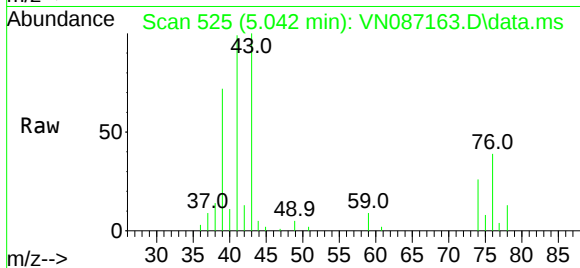
Tgt Ion: 41 Resp: 64418

Ion Ratio Lower Upper

41 100

39 72.0 36.0 108.0

76 39.0 19.5 58.5



#18

Methylene Chloride

Concen: 18.498 ug/l

RT: 5.300 min Scan# 569

Delta R.T. 0.000 min

Lab File: VN087163.D

Acq: 25 Jun 2025 09:20

Tgt Ion: 84 Resp: 45462

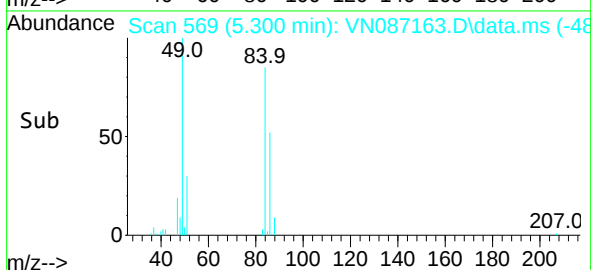
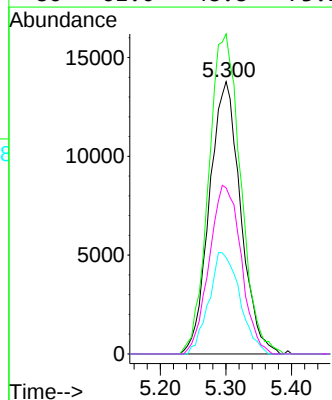
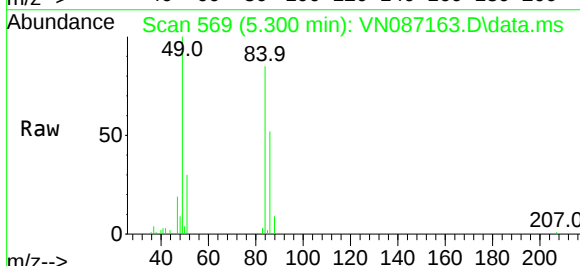
Ion Ratio Lower Upper

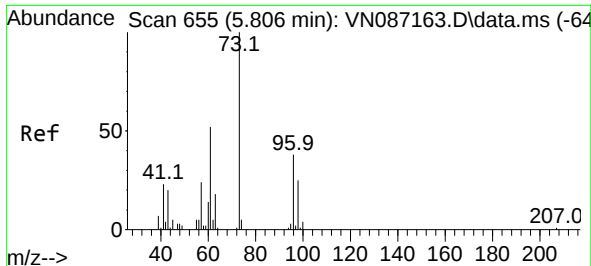
84 100

49 117.5 94.0 141.0

51 35.4 28.3 42.5

86 61.0 48.8 73.2





#19

trans-1,2-Dichloroethene

Concen: 18.328 ug/l

RT: 5.806 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN087163.D

Acq: 25 Jun 2025 09:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 96 Resp: 42521

Ion Ratio Lower Upper

96 100

61 137.9

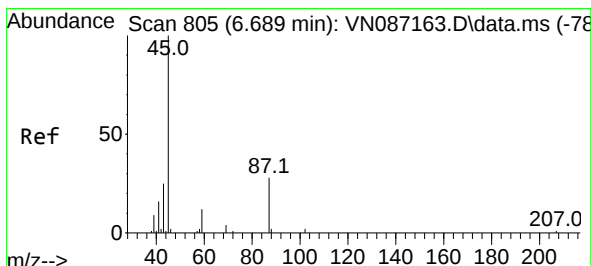
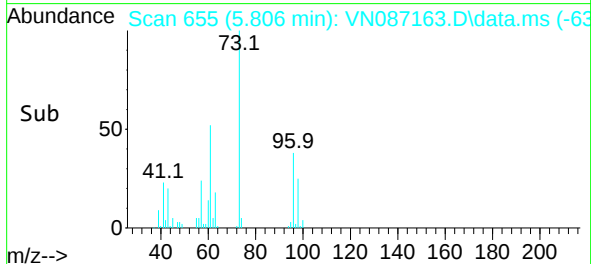
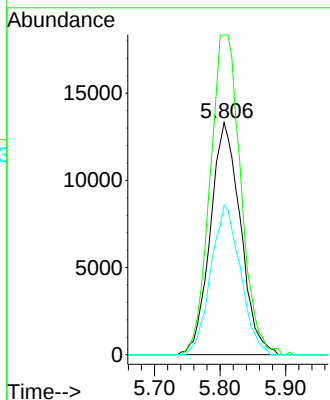
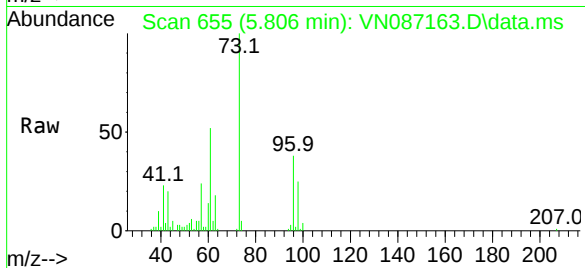
98 64.5

110.3

51.6

165.5

77.4



#20

Diisopropyl ether

Concen: 19.135 ug/l

RT: 6.689 min Scan# 805

Delta R.T. 0.000 min

Lab File: VN087163.D

Acq: 25 Jun 2025 09:20

Tgt Ion: 45 Resp: 142052

Ion Ratio Lower Upper

45 100

43 56.6

87 28.2

59 12.3

45.3

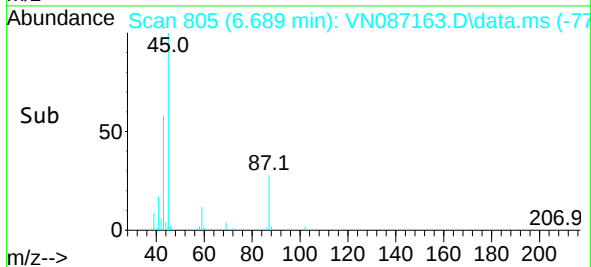
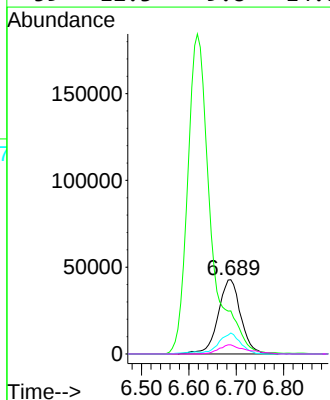
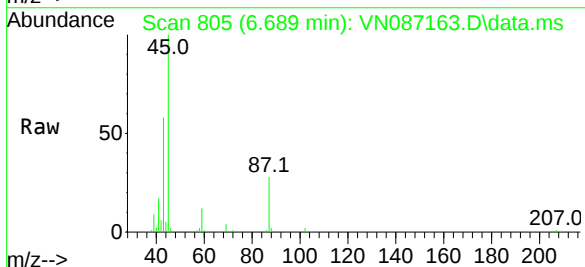
22.6

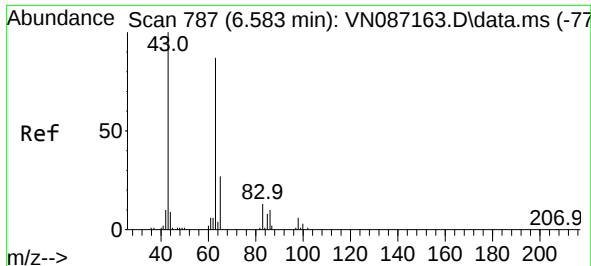
9.8

67.9

33.8

14.8

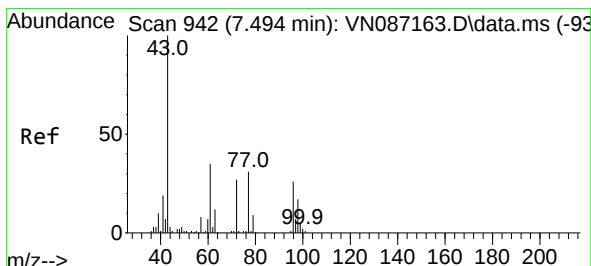
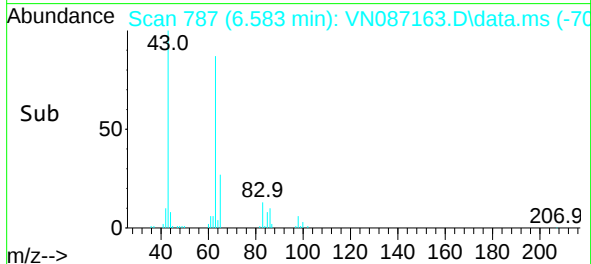
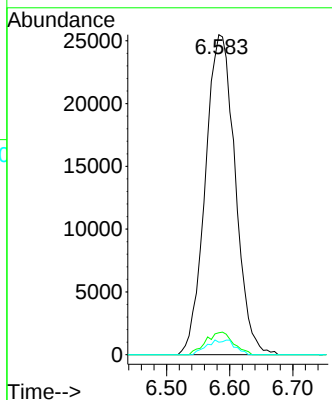
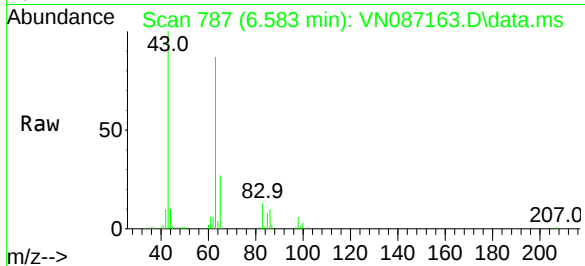




#21
 1,1-Dichloroethane
 Concen: 18.841 ug/l
 RT: 6.583 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VN087163.D
 Acq: 25 Jun 2025 09:20

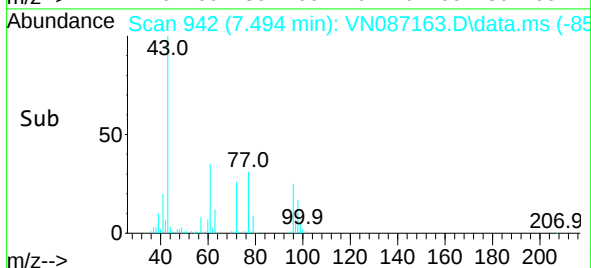
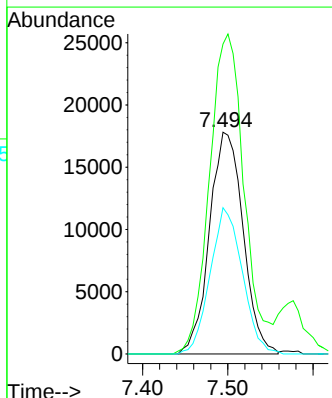
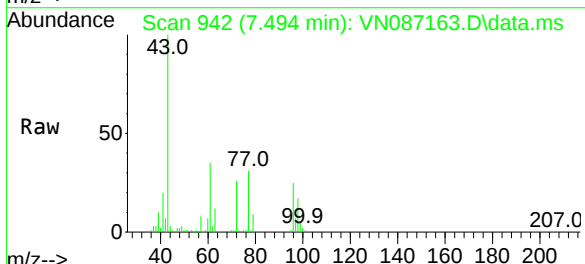
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

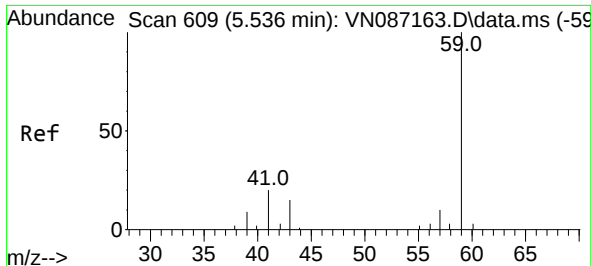
Tgt Ion: 63 Resp: 83594
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.4
 100 3.9 2.0 5.8



#22
 cis-1,2-Dichloroethene
 Concen: 18.096 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN087163.D
 Acq: 25 Jun 2025 09:20

Tgt Ion: 96 Resp: 48862
 Ion Ratio Lower Upper
 96 100
 61 149.0 119.2 178.8
 98 63.2 50.6 75.8

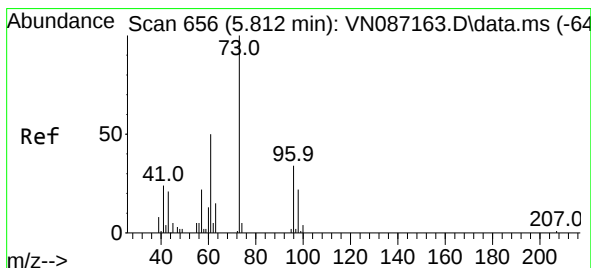
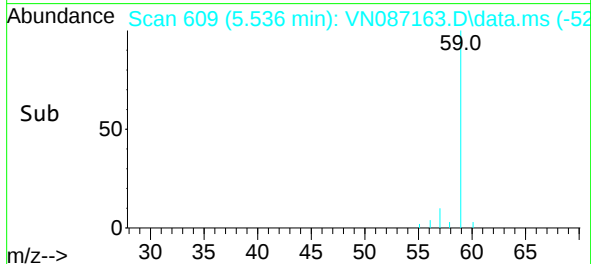
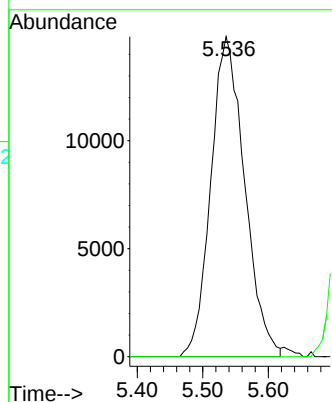
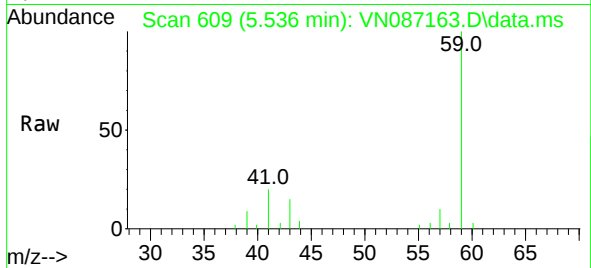




#23
tert-Butyl Alcohol
Concen: 90.678 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN087163.D
Acq: 25 Jun 2025 09:20

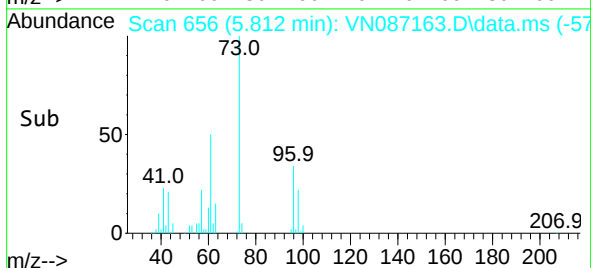
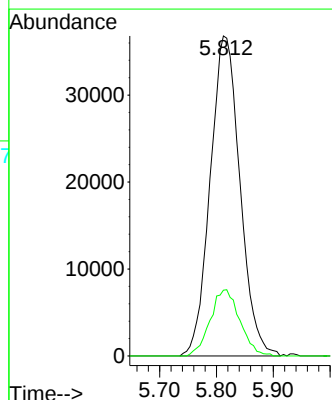
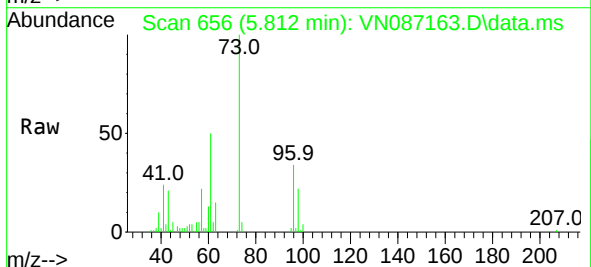
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

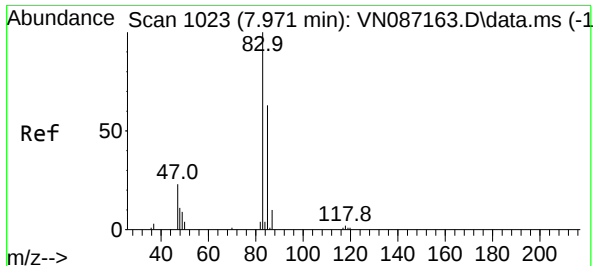
Tgt Ion: 59 Resp: 52931
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 17.992 ug/l
RT: 5.812 min Scan# 656
Delta R.T. 0.000 min
Lab File: VN087163.D
Acq: 25 Jun 2025 09:20

Tgt Ion: 73 Resp: 133867
Ion Ratio Lower Upper
73 100
43 20.5 16.4 24.6

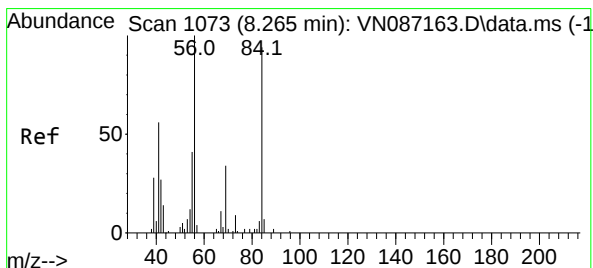
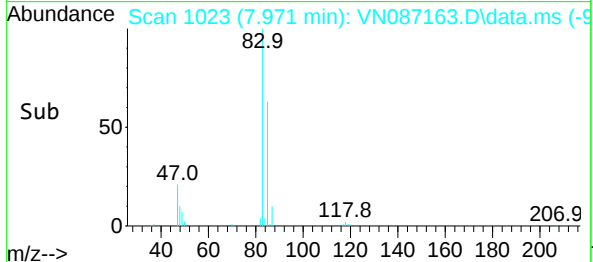
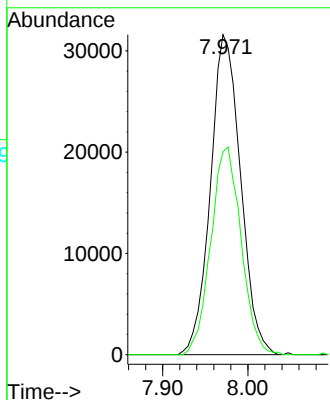
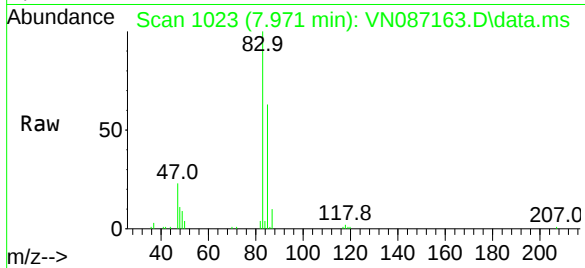




#25
Chloroform
Concen: 18.270 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VN087163.D
Acq: 25 Jun 2025 09:20

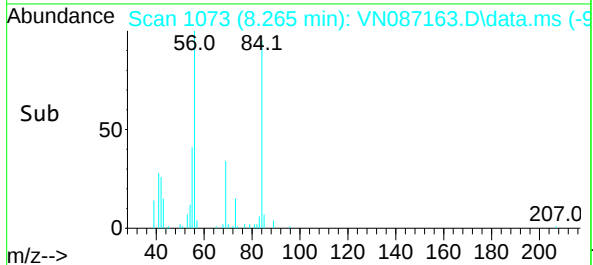
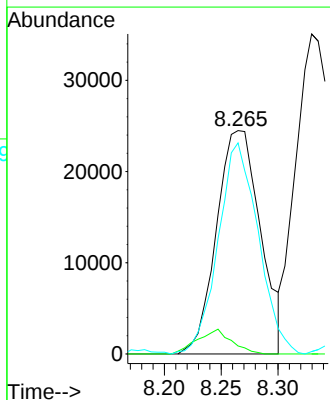
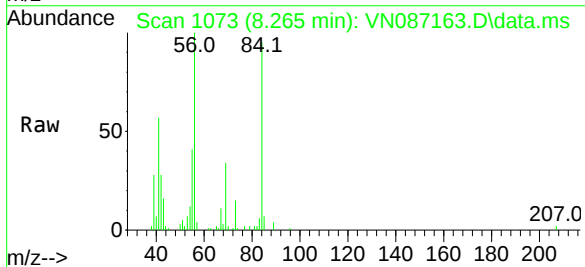
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

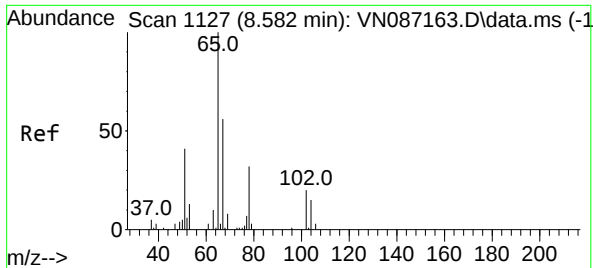
Tgt Ion: 83 Resp: 77659
Ion Ratio Lower Upper
83 100
85 63.4 50.7 76.1



#26
Cyclohexane
Concen: 17.863 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN087163.D
Acq: 25 Jun 2025 09:20

Tgt Ion: 56 Resp: 65879
Ion Ratio Lower Upper
56 100
89 8.6 6.9 10.3
84 86.4 69.1 103.7

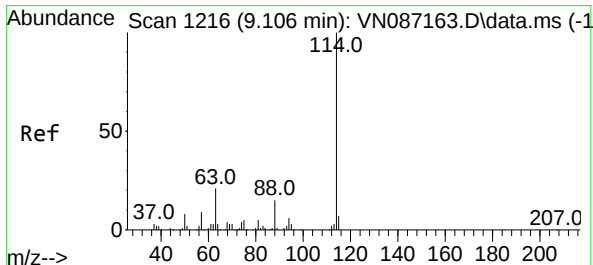
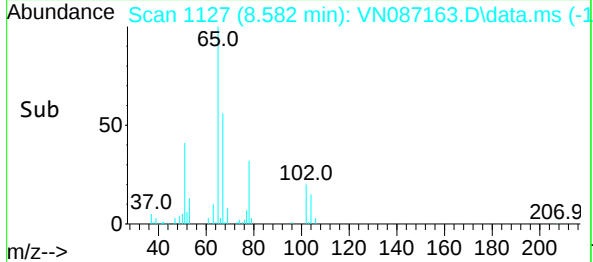
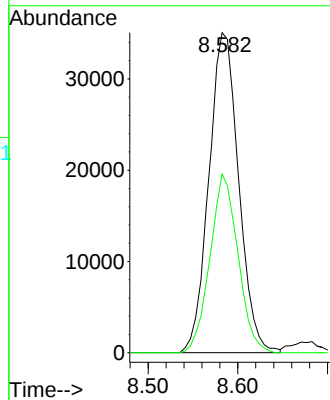
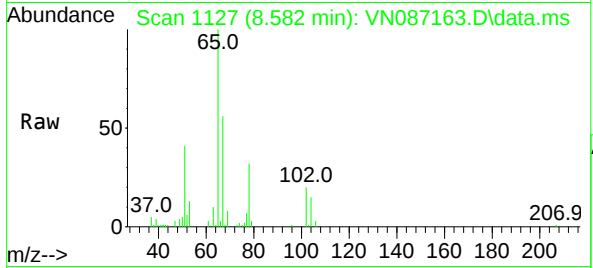




#27
1,2-Dichloroethane-d4
Concen: 30.640 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN087163.D
Acq: 25 Jun 2025 09:20

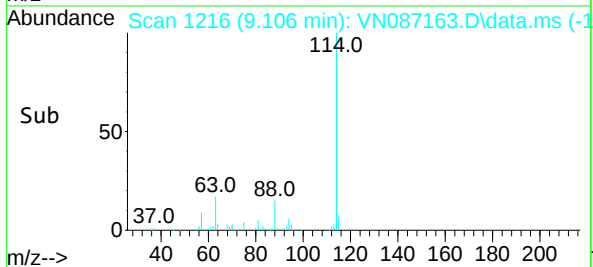
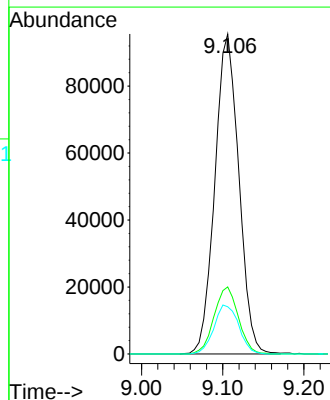
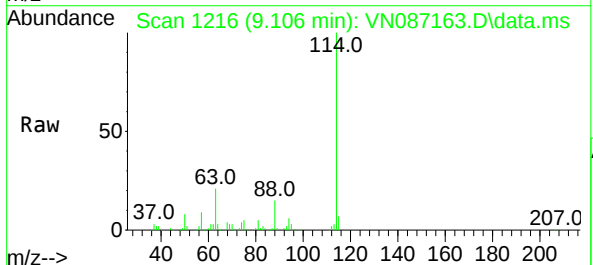
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

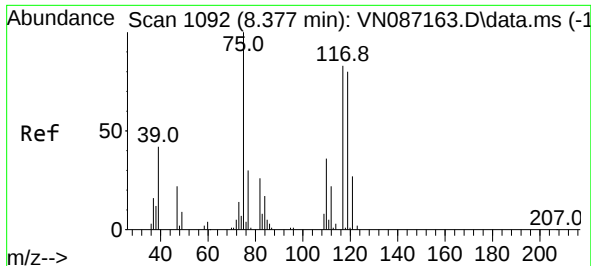
Tgt Ion: 65 Resp: 80849
Ion Ratio Lower Upper
65 100
67 52.4 41.9 62.9



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN087163.D
Acq: 25 Jun 2025 09:20

Tgt Ion: 114 Resp: 196036
Ion Ratio Lower Upper
114 100
63 21.2 17.0 25.4
88 15.8 12.6 19.0

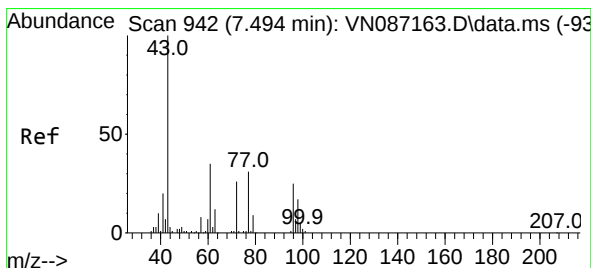
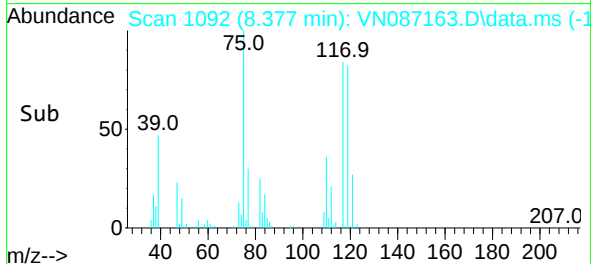
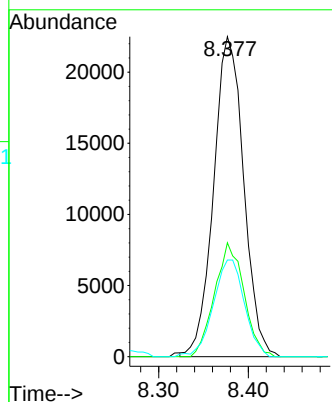
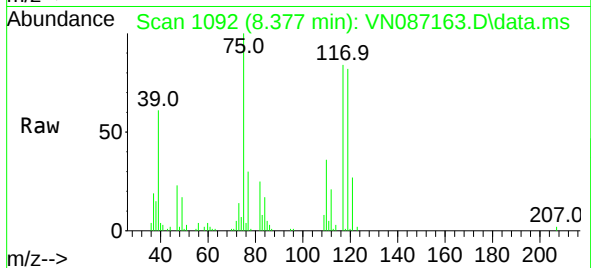




#29
1,1-Dichloropropene
Concen: 17.130 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN087163.D
Acq: 25 Jun 2025 09:20

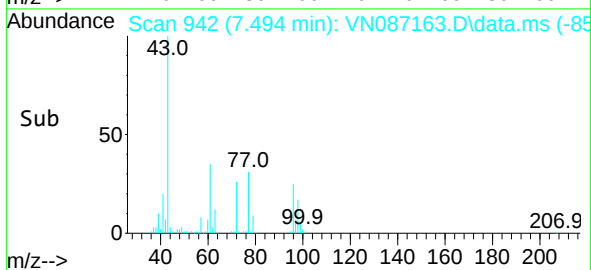
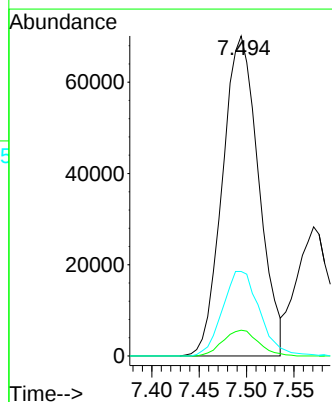
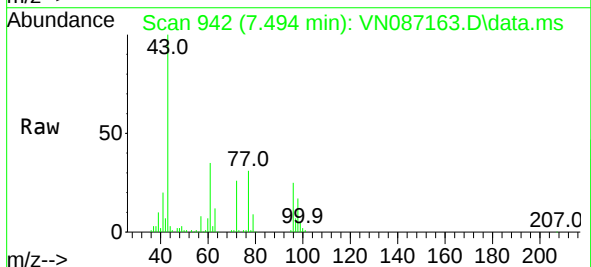
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

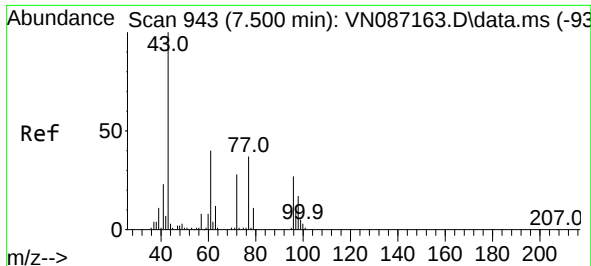
Tgt Ion: 75 Resp: 52341
Ion Ratio Lower Upper
75 100
110 34.6 0.0 69.2
77 30.9 0.0 61.8



#30
2-Butanone
Concen: 90.624 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN087163.D
Acq: 25 Jun 2025 09:20

Tgt Ion: 43 Resp: 186786
Ion Ratio Lower Upper
43 100
57 7.9 6.3 9.5
72 27.2 21.8 32.6





#31

2,2-Dichloropropane

Concen: 18.346 ug/l

RT: 7.500 min Scan# 943

Delta R.T. 0.000 min

Lab File: VN087163.D

Acq: 25 Jun 2025 09:20

Instrument :

MSVOA_N

ClientSampleId :

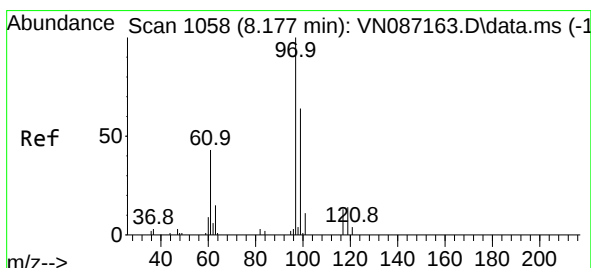
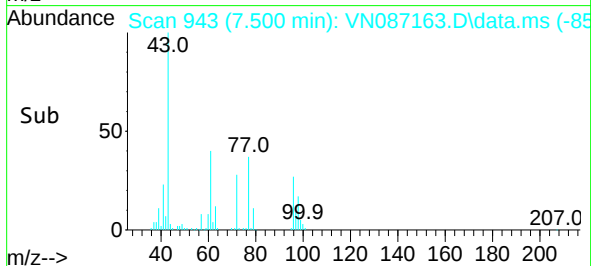
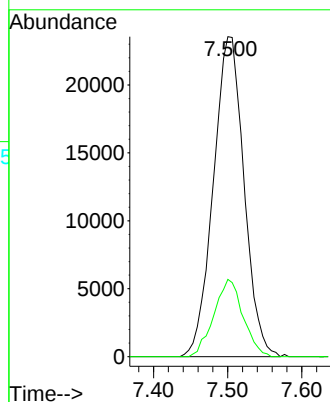
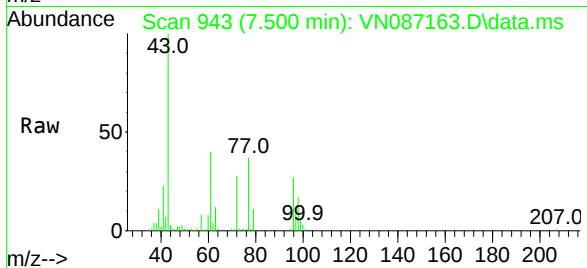
VSTDICCC020

Tgt Ion: 77 Resp: 67667

Ion Ratio Lower Upper

77 100

97 23.0 18.4 27.6



#32

1,1,1-Trichloroethane

Concen: 18.211 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN087163.D

Acq: 25 Jun 2025 09:20

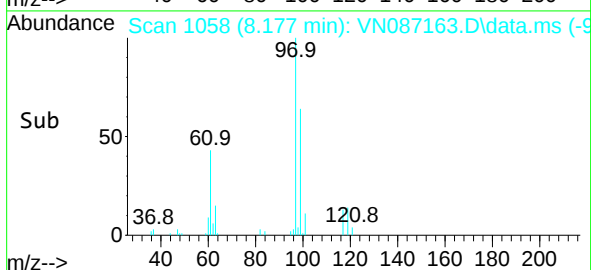
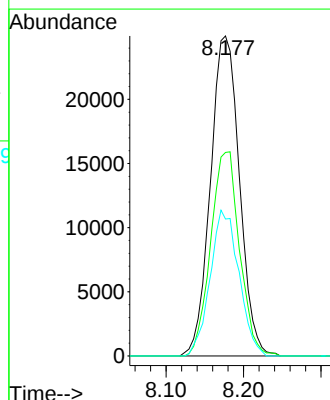
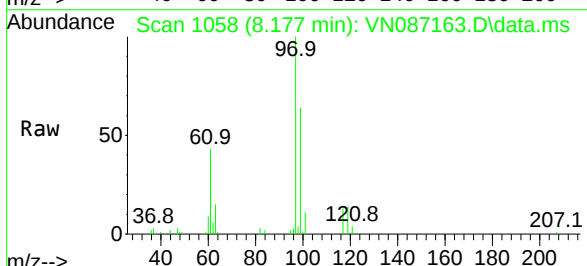
Tgt Ion: 97 Resp: 65006

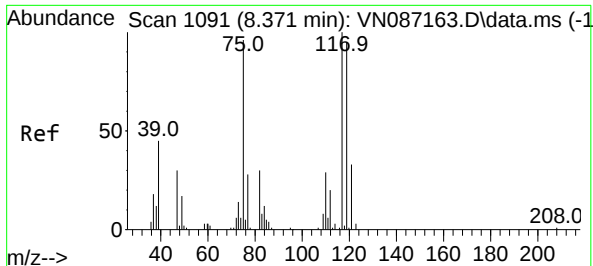
Ion Ratio Lower Upper

97 100

99 63.5 50.8 76.2

61 45.1 36.1 54.1

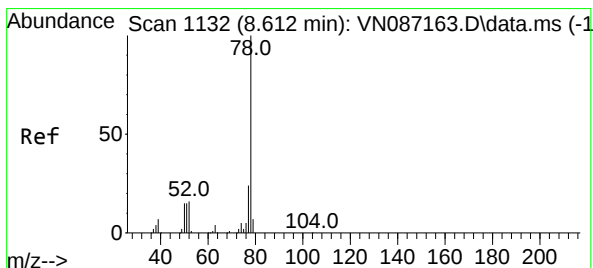
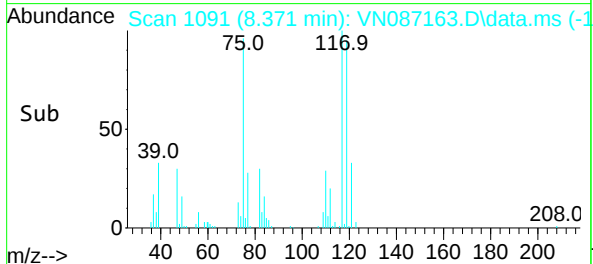
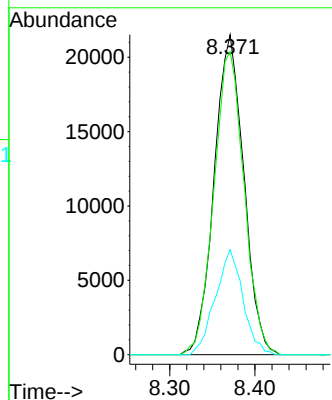
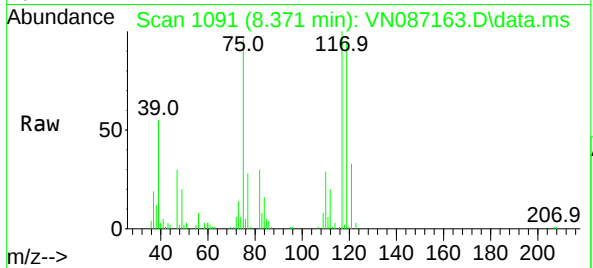




#33
Carbon Tetrachloride
Concen: 17.296 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN087163.D
Acq: 25 Jun 2025 09:20

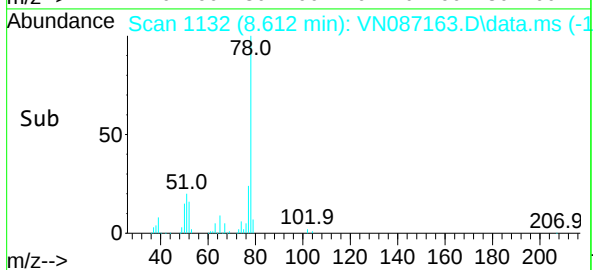
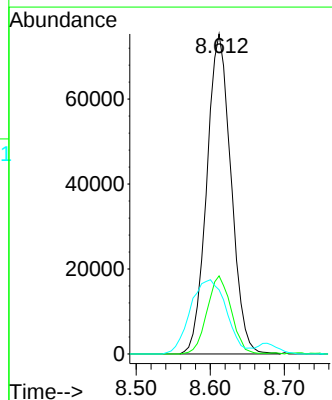
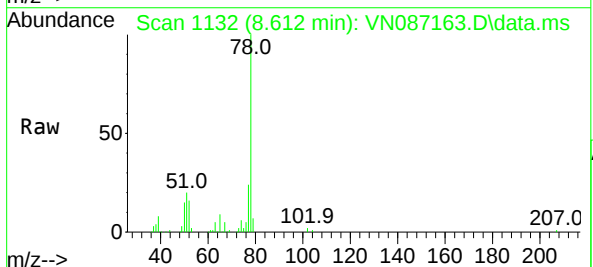
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

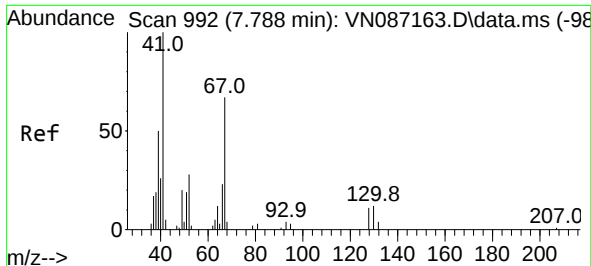
Tgt Ion:117 Resp: 51957
Ion Ratio Lower Upper
117 100
119 94.7 75.8 113.6
121 32.8 26.2 39.4



#34
Benzene
Concen: 17.671 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN087163.D
Acq: 25 Jun 2025 09:20

Tgt Ion: 78 Resp: 171052
Ion Ratio Lower Upper
78 100
77 24.4 19.5 29.3
51 18.5 14.8 22.2

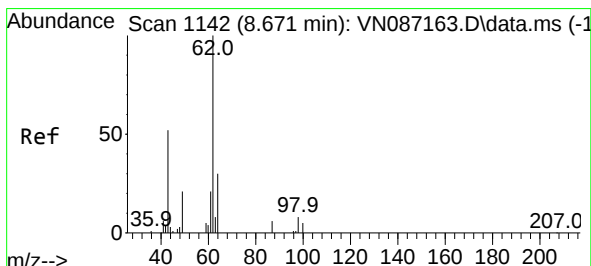
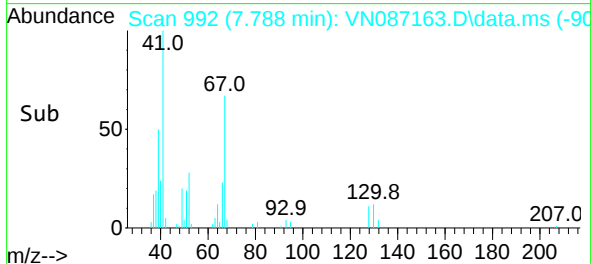
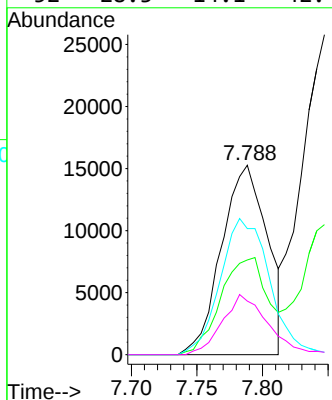
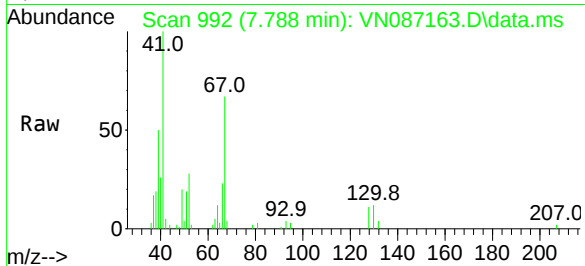




#35
Methacrylonitrile
Concen: 17.894 ug/l
RT: 7.788 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN087163.D
Acq: 25 Jun 2025 09:20

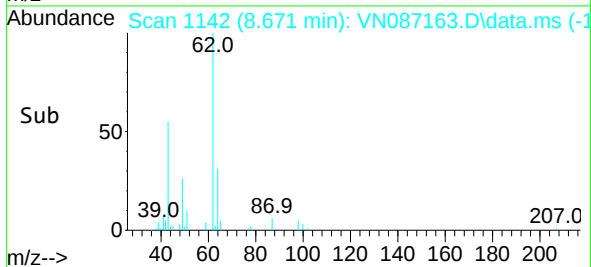
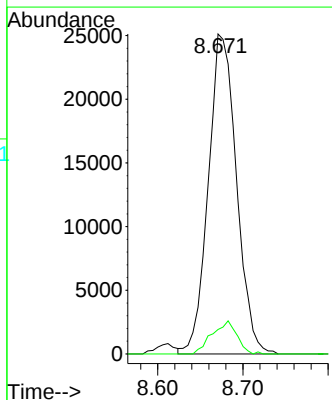
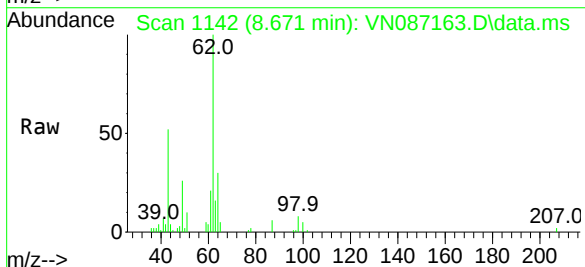
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

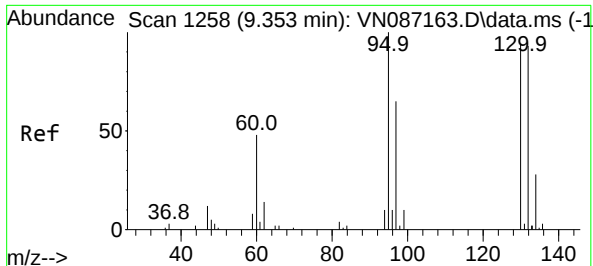
Tgt Ion: 41	Resp: 37169
Ion Ratio	Lower Upper
41 100	
39 48.8	24.4 73.2
67 66.5	33.3 99.8
52 28.3	14.1 42.4



#36
1,2-Dichloroethane
Concen: 18.472 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN087163.D
Acq: 25 Jun 2025 09:20

Tgt Ion: 62	Resp: 57773
Ion Ratio	Lower Upper
62 100	
98 9.0	7.2 10.8





#37

Trichloroethene

Concen: 17.234 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VN087163.D

Acq: 25 Jun 2025 09:20

Instrument :

MSVOA_N

ClientSampleId :

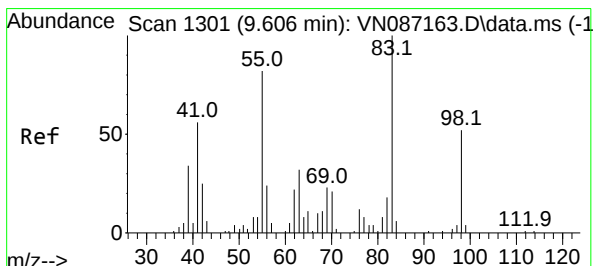
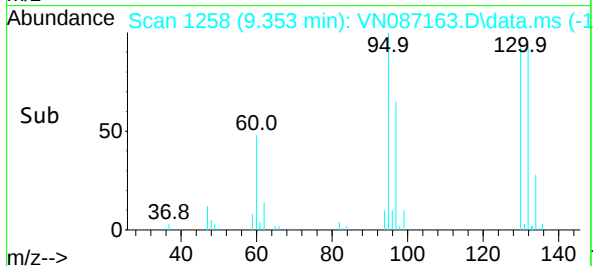
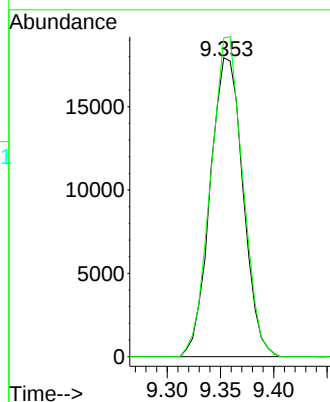
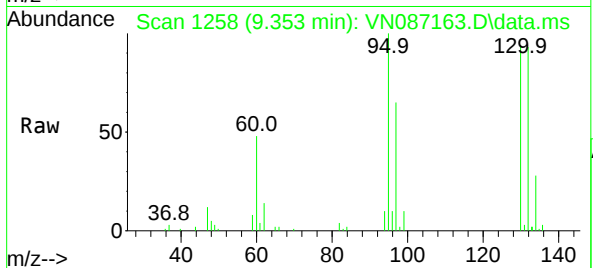
VSTDICCC020

Tgt Ion:130 Resp: 38479

Ion Ratio Lower Upper

130 100

95 106.6 85.3 127.9



#38

Methylcyclohexane

Concen: 17.595 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.000 min

Lab File: VN087163.D

Acq: 25 Jun 2025 09:20

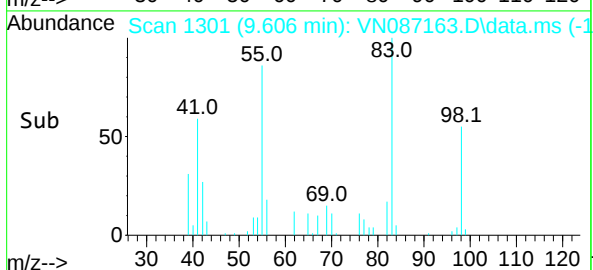
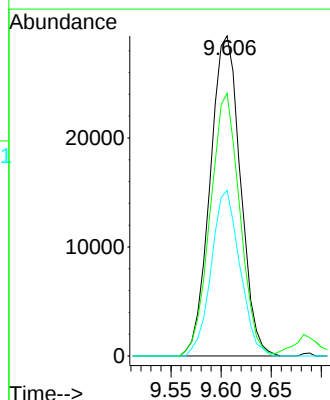
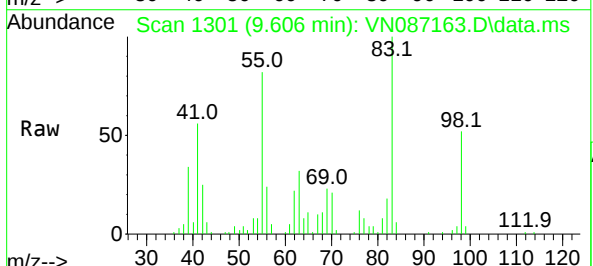
Tgt Ion: 83 Resp: 61684

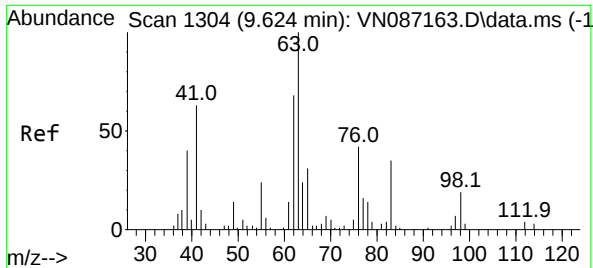
Ion Ratio Lower Upper

83 100

55 80.1 40.1 120.2

98 48.8 24.4 73.2





#39

1,2-Dichloropropane

Concen: 18.719 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087163.D

Acq: 25 Jun 2025 09:20

Instrument :

MSVOA_N

ClientSampleId :

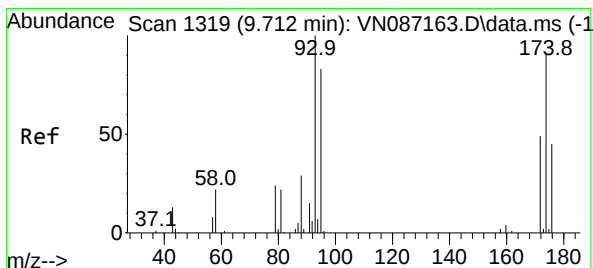
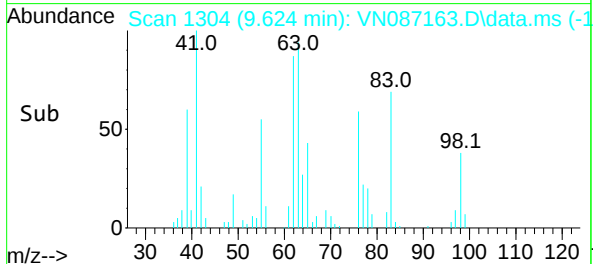
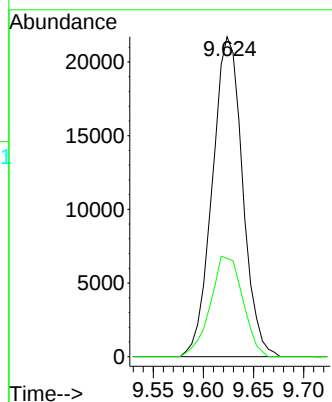
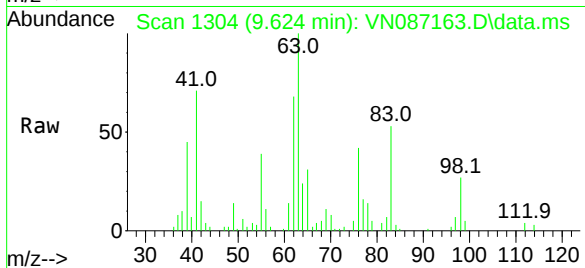
VSTDICCC020

Tgt Ion: 63 Resp: 45479

Ion Ratio Lower Upper

63 100

65 30.7 24.6 36.8



#40

Dibromomethane

Concen: 18.569 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN087163.D

Acq: 25 Jun 2025 09:20

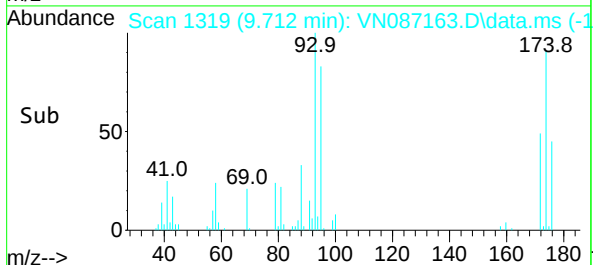
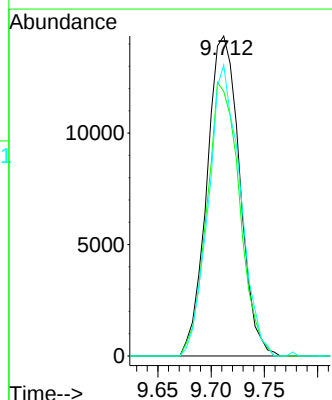
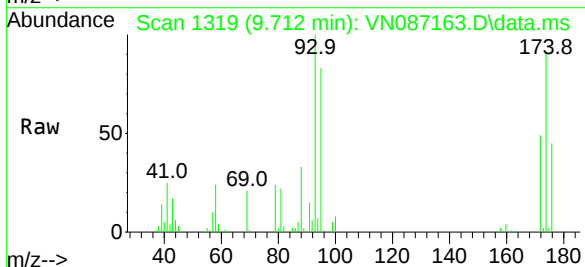
Tgt Ion: 93 Resp: 30677

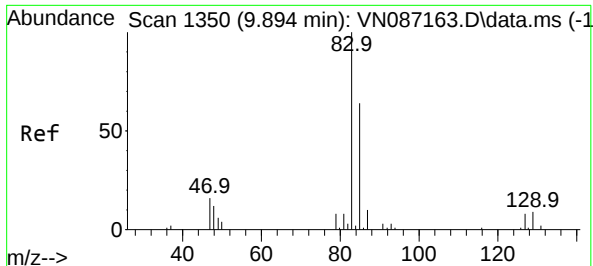
Ion Ratio Lower Upper

93 100

95 85.4 0.0 170.8

174 88.3 0.0 176.6

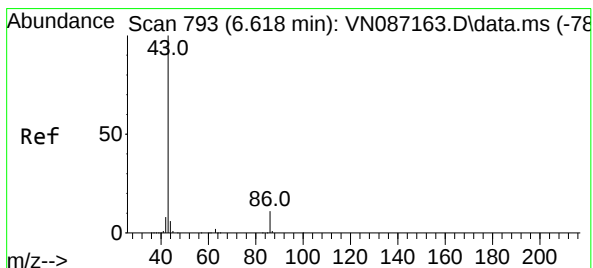
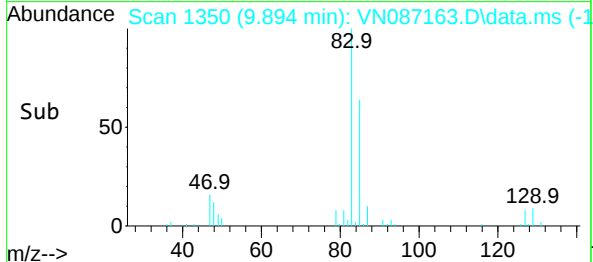
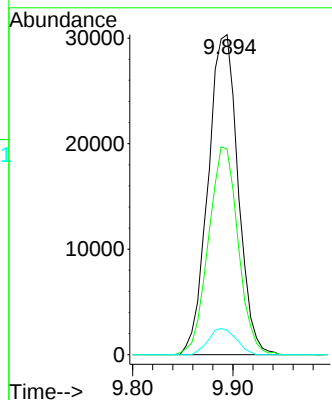
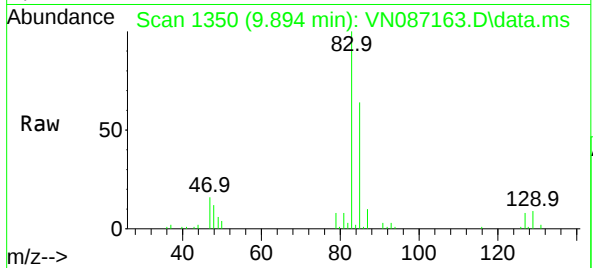




#41
Bromodichloromethane
Concen: 18.895 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087163.D
Acq: 25 Jun 2025 09:20

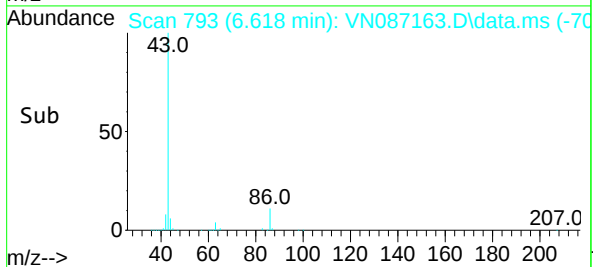
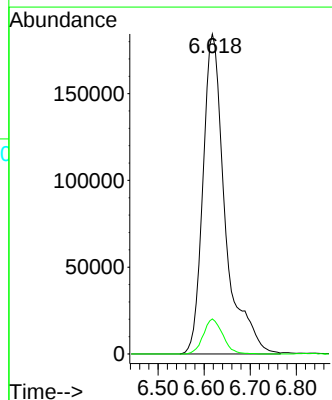
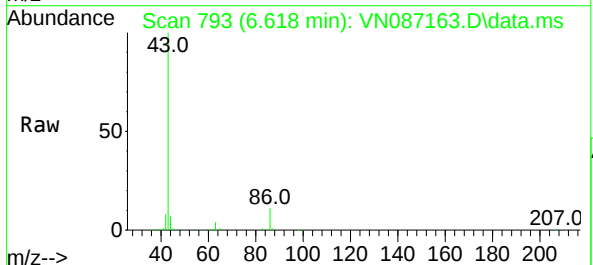
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

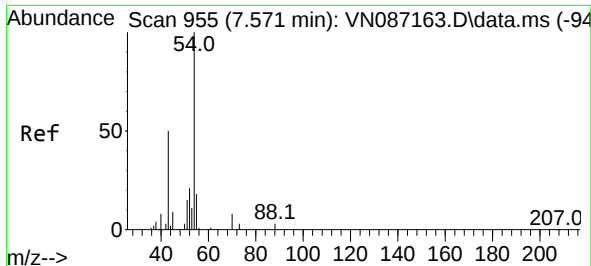
Tgt Ion: 83 Resp: 63009
Ion Ratio Lower Upper
83 100
85 64.3 51.4 77.2
127 7.6 6.1 9.1



#42
Vinyl Acetate
Concen: 92.376 ug/l
RT: 6.618 min Scan# 793
Delta R.T. 0.000 min
Lab File: VN087163.D
Acq: 25 Jun 2025 09:20

Tgt Ion: 43 Resp: 619269
Ion Ratio Lower Upper
43 100
86 9.6 7.7 11.5

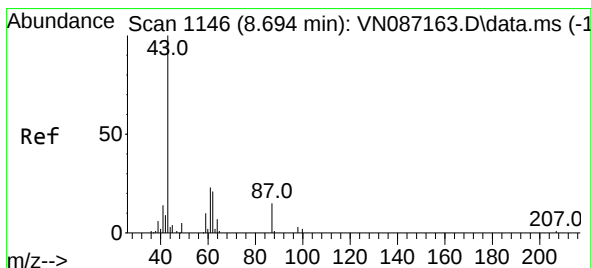
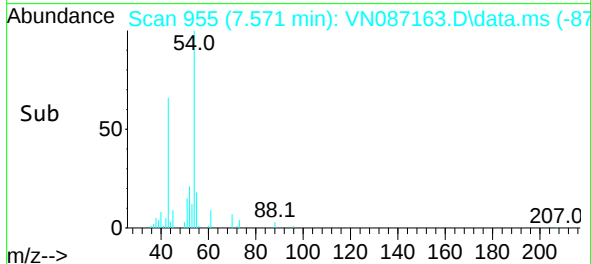
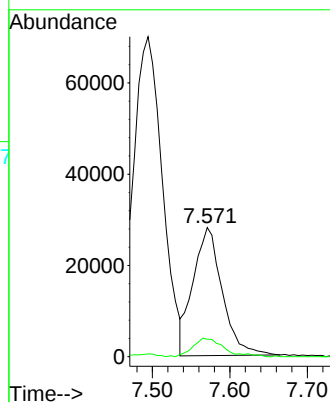
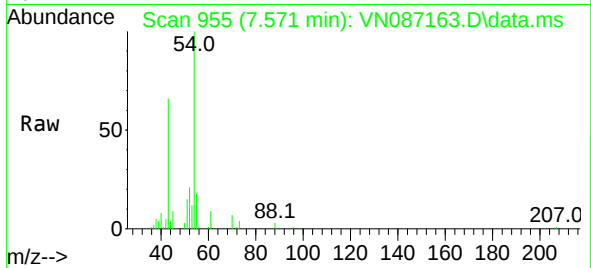




#43
Ethyl Acetate
Concen: 19.690 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087163.D
Acq: 25 Jun 2025 09:20

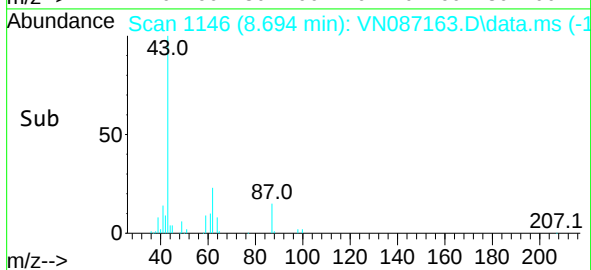
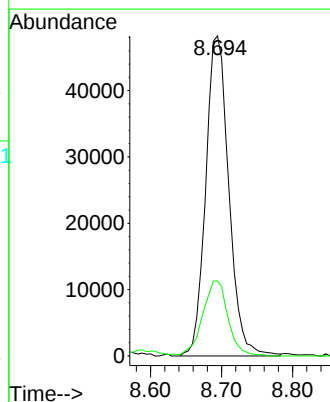
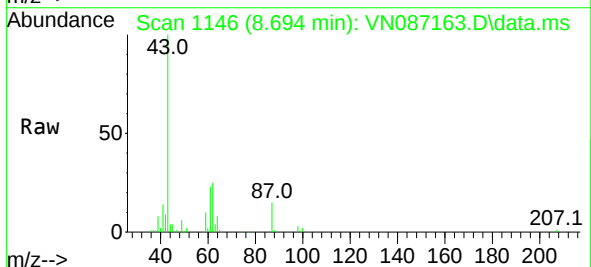
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

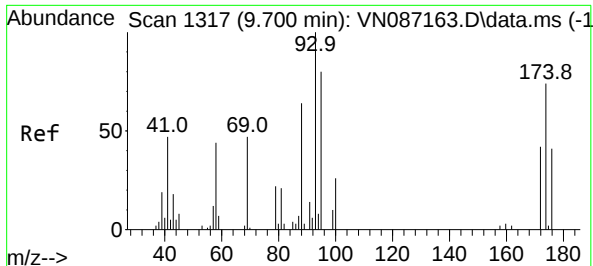
Tgt Ion: 43 Resp: 73261
Ion Ratio Lower Upper
43 100
45 14.4 11.5 17.3



#44
Isopropyl Acetate
Concen: 17.991 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN087163.D
Acq: 25 Jun 2025 09:20

Tgt Ion: 43 Resp: 109066
Ion Ratio Lower Upper
43 100
61 25.6 20.5 30.7

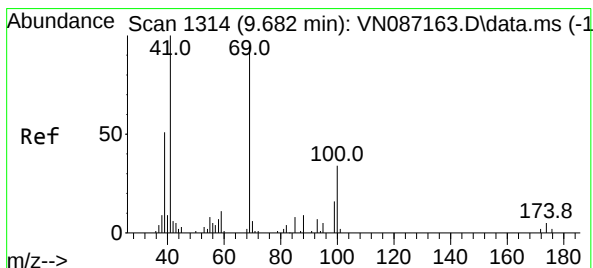
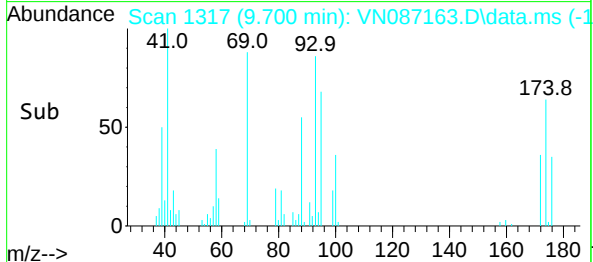
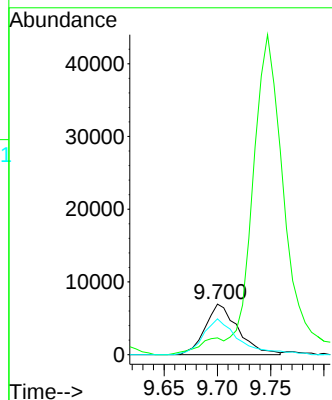
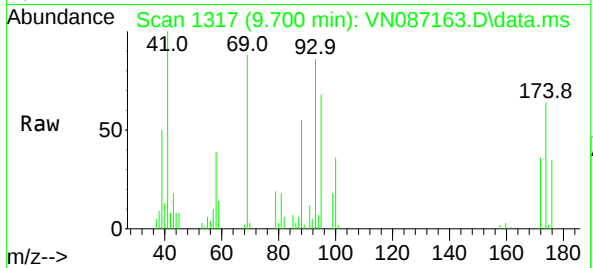




#45
1,4-Dioxane
Concen: 363.296 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN087163.D
Acq: 25 Jun 2025 09:20

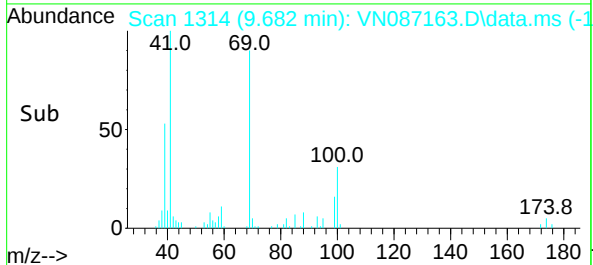
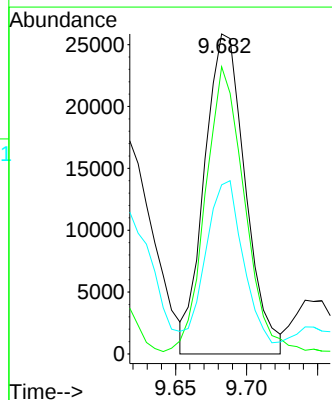
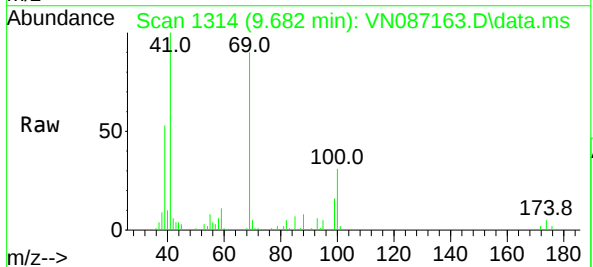
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

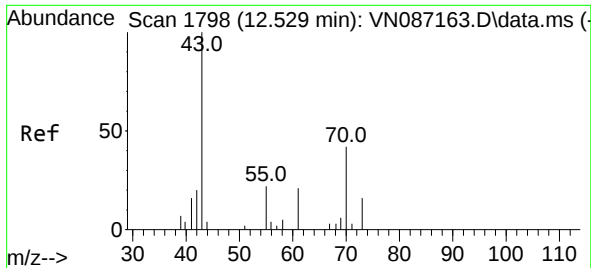
Tgt Ion: 88 Resp: 14898
Ion Ratio Lower Upper
88 100
43 26.6 21.3 31.9
58 77.1 61.7 92.5



#46
Methyl methacrylate
Concen: 18.376 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN087163.D
Acq: 25 Jun 2025 09:20

Tgt Ion: 41 Resp: 51785
Ion Ratio Lower Upper
41 100
69 91.3 45.6 136.9
39 52.3 26.2 78.5

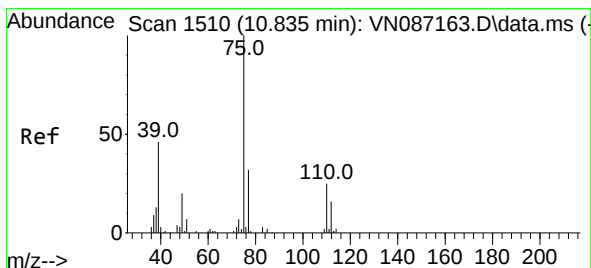
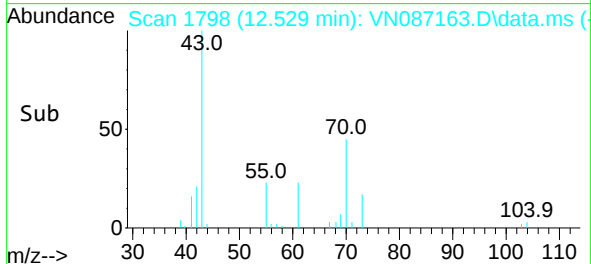
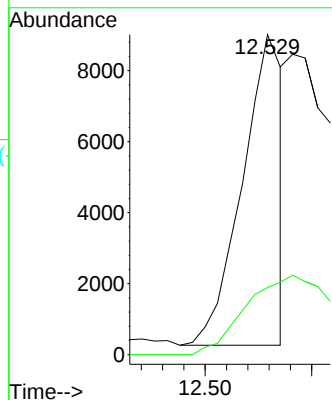
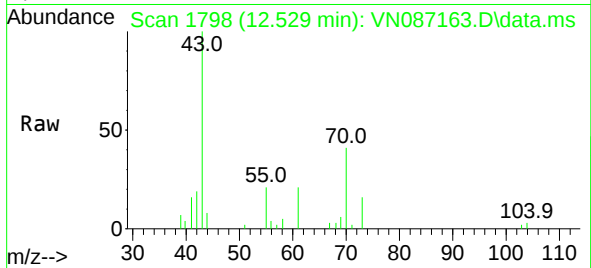




#47
n-amyl acetate
Concen: 3.114 ug/l
RT: 12.529 min Scan# 11542
Delta R.T. 0.000 min
Lab File: VN087163.D
Acq: 25 Jun 2025 09:20

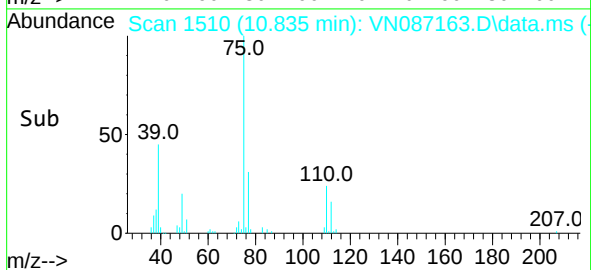
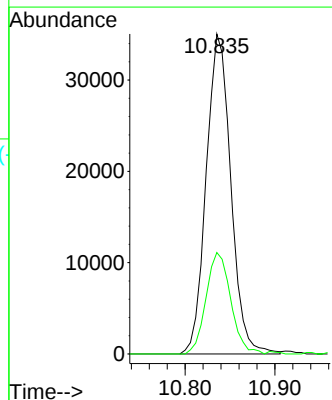
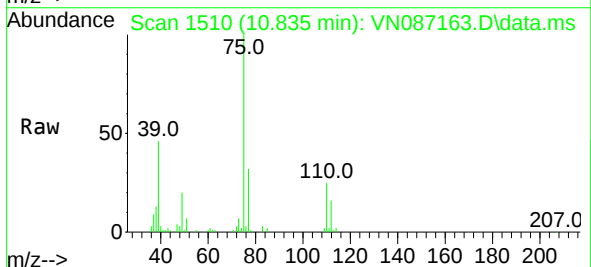
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

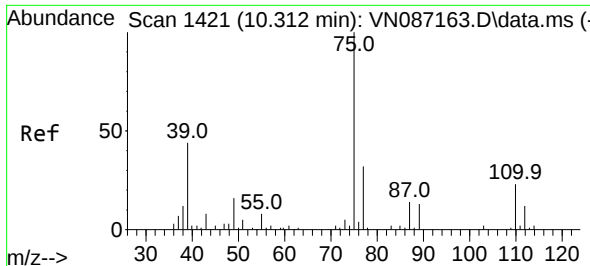
Tgt Ion: 43 Resp: 11542
Ion Ratio Lower Upper
43 100
55 52.9 0.0 0.0#



#48
t-1,3-Dichloropropene
Concen: 17.988 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN087163.D
Acq: 25 Jun 2025 09:20

Tgt Ion: 75 Resp: 66870
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0

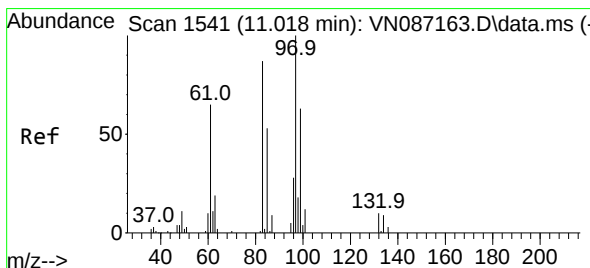
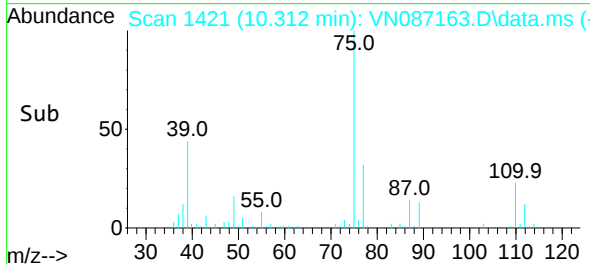
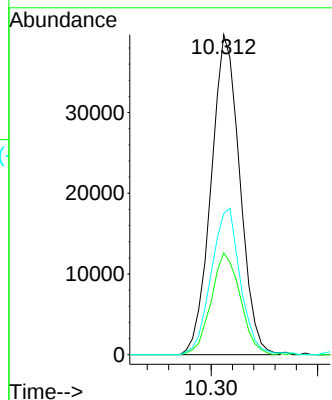
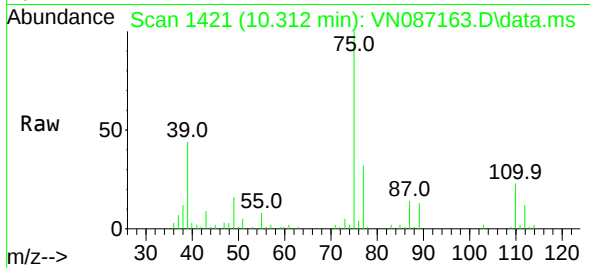




#49
 cis-1,3-Dichloropropene
 Concen: 18.784 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN087163.D
 Acq: 25 Jun 2025 09:20

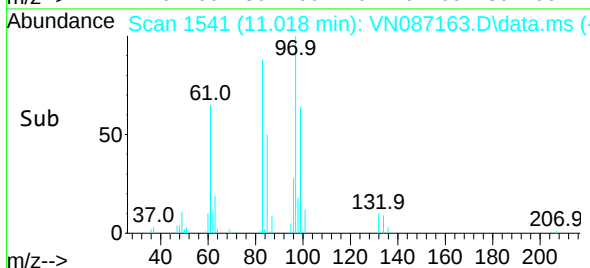
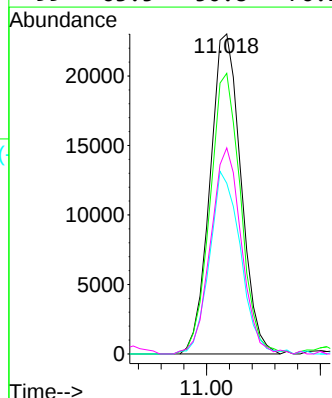
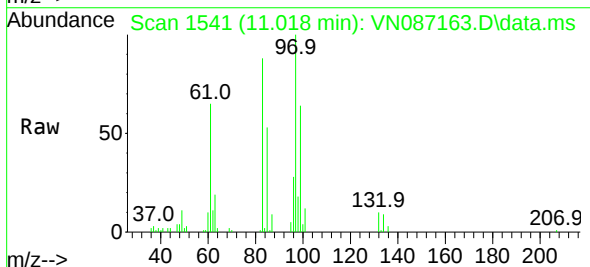
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

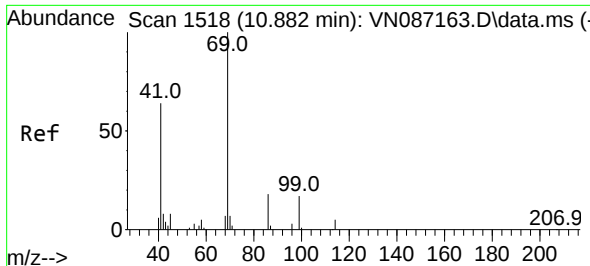
Tgt Ion:	75	Resp:	74233
Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.4	38.2
39	44.1	35.3	52.9



#50
 1,1,2-Trichloroethane
 Concen: 18.551 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.000 min
 Lab File: VN087163.D
 Acq: 25 Jun 2025 09:20

Tgt Ion:	97	Resp:	43535
Ion	Ratio	Lower	Upper
97	100		
83	87.0	69.6	104.4
85	52.5	42.0	63.0
99	63.5	50.8	76.2

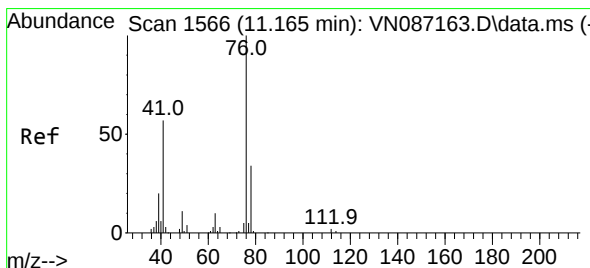
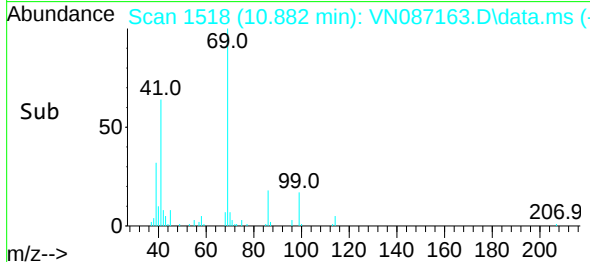
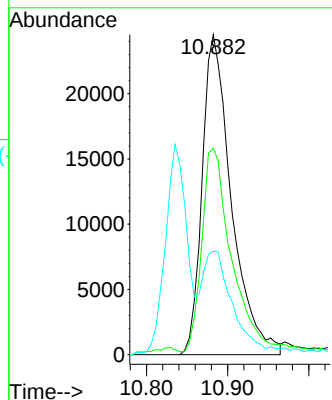
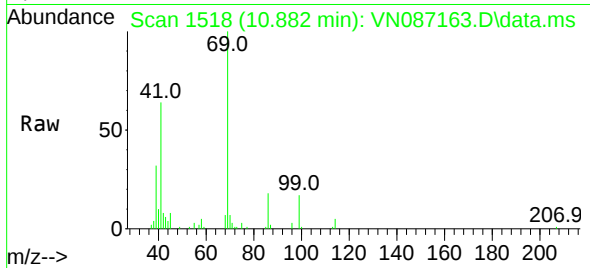




#51
Ethyl methacrylate
Concen: 17.198 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN087163.D
Acq: 25 Jun 2025 09:20

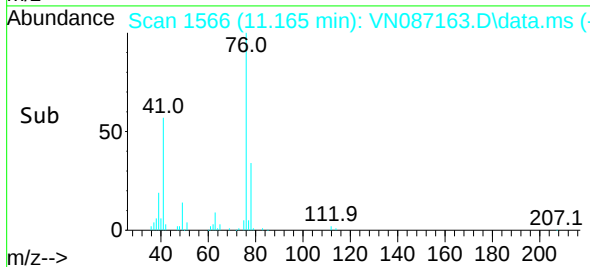
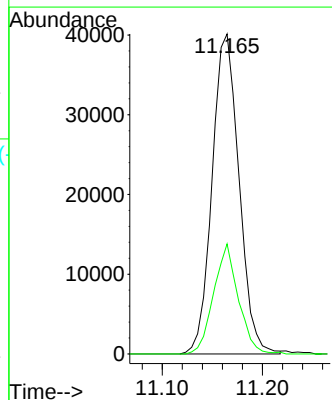
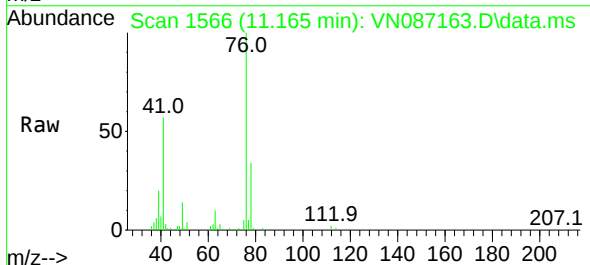
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

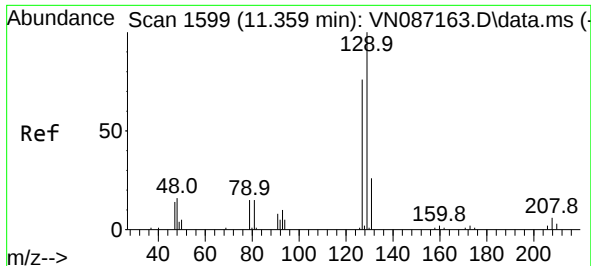
Tgt Ion: 69 Resp: 61428
Ion Ratio Lower Upper
69 100
41 63.5 31.8 95.3
39 30.5 15.3 45.8



#52
1,3-Dichloropropane
Concen: 18.572 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN087163.D
Acq: 25 Jun 2025 09:20

Tgt Ion: 76 Resp: 74825
Ion Ratio Lower Upper
76 100
78 31.5 0.0 63.0

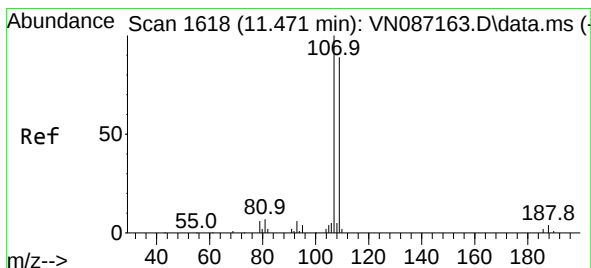
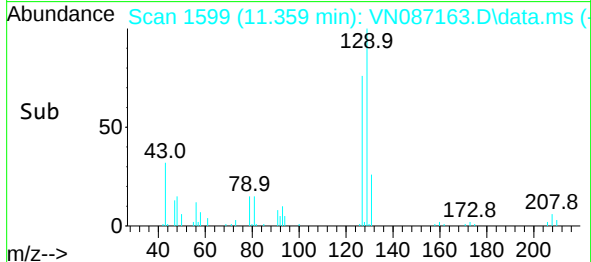
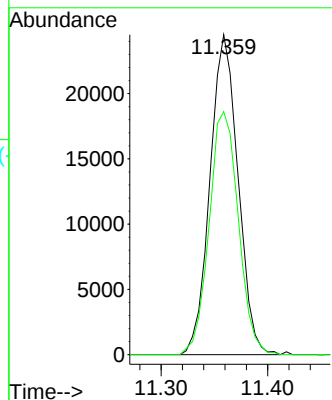
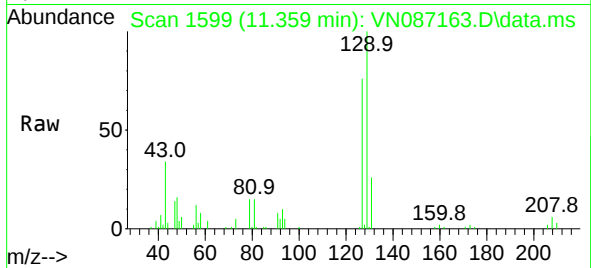




#53
Dibromochloromethane
Concen: 18.181 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN087163.D
Acq: 25 Jun 2025 09:20

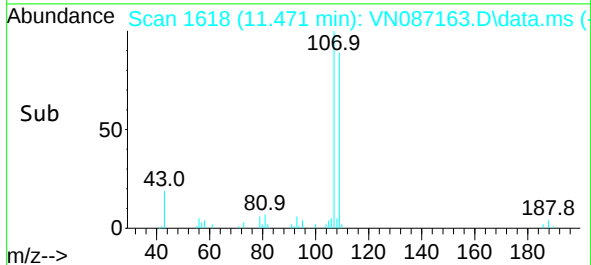
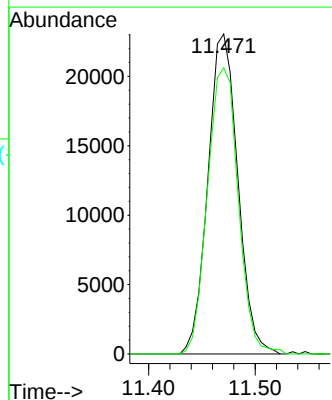
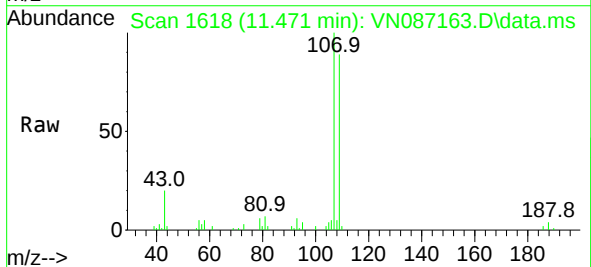
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

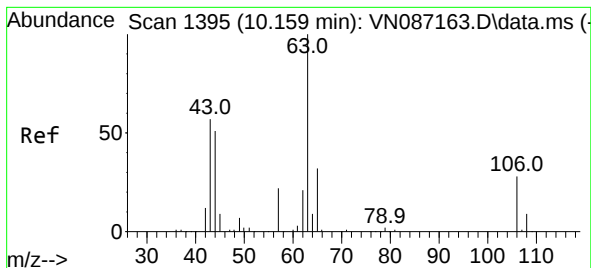
Tgt Ion:129 Resp: 44787
Ion Ratio Lower Upper
129 100
127 79.2 39.6 118.8



#54
1,2-Dibromoethane
Concen: 18.566 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN087163.D
Acq: 25 Jun 2025 09:20

Tgt Ion:107 Resp: 44953
Ion Ratio Lower Upper
107 100
109 91.9 73.5 110.3

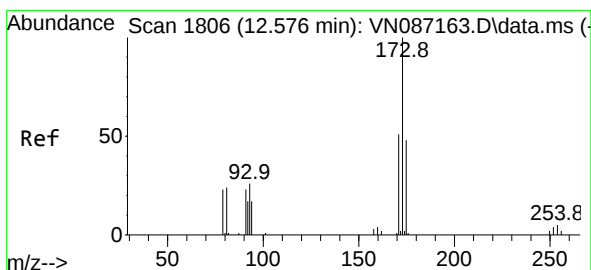
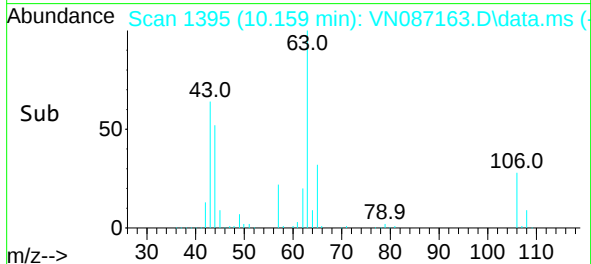
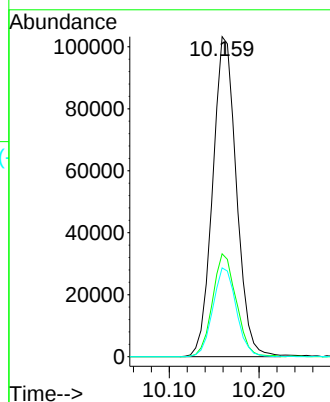
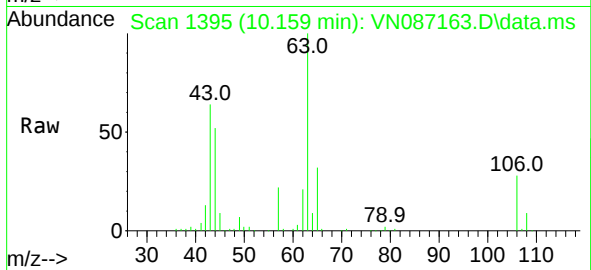




#55
2-Chloroethyl vinyl ether
Concen: 92.751 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN087163.D
Acq: 25 Jun 2025 09:20

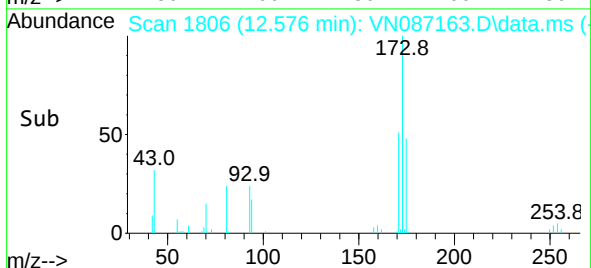
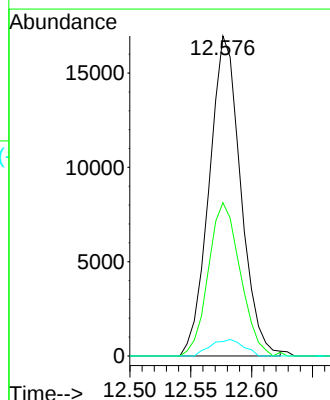
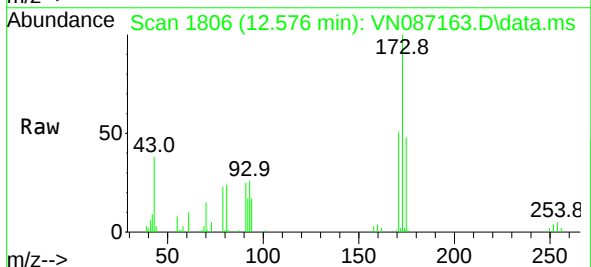
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

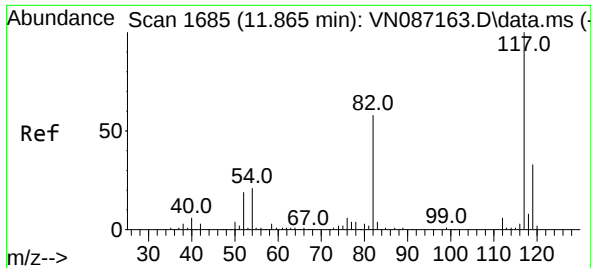
Tgt Ion: 63 Resp: 189897
Ion Ratio Lower Upper
63 100
65 32.0 25.6 38.4
106 27.4 21.9 32.9



#56
Bromoform
Concen: 18.029 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN087163.D
Acq: 25 Jun 2025 09:20

Tgt Ion: 173 Resp: 30532
Ion Ratio Lower Upper
173 100
175 48.4 38.7 58.1
254 5.3 4.2 6.4

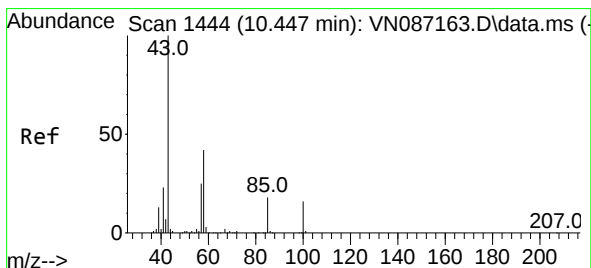
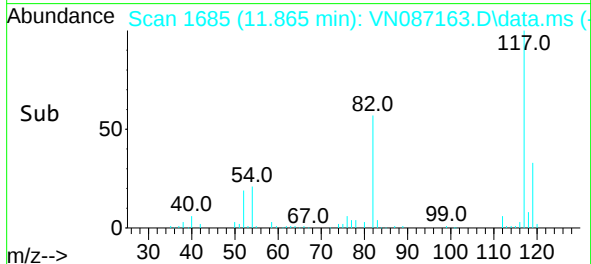
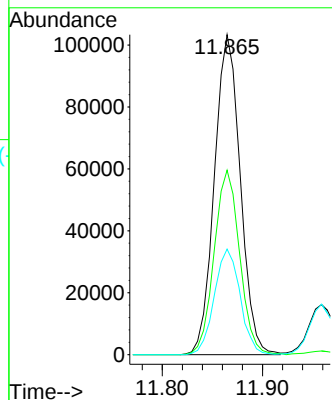
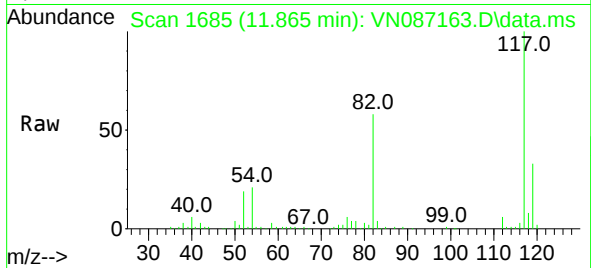




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN087163.D
Acq: 25 Jun 2025 09:20

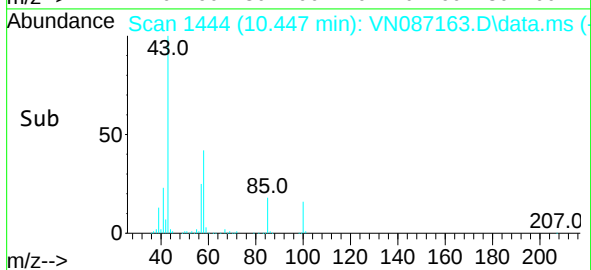
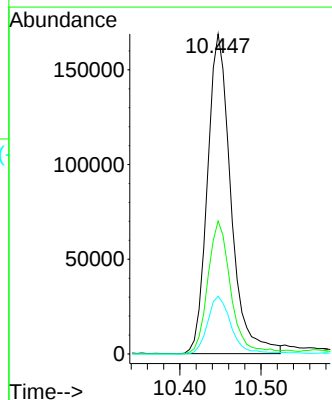
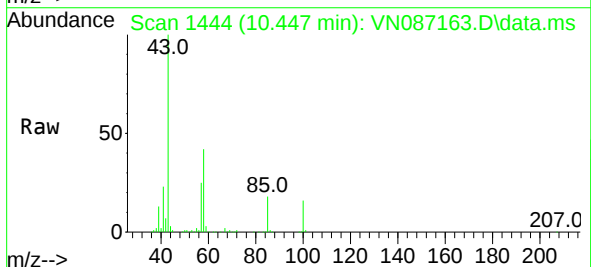
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

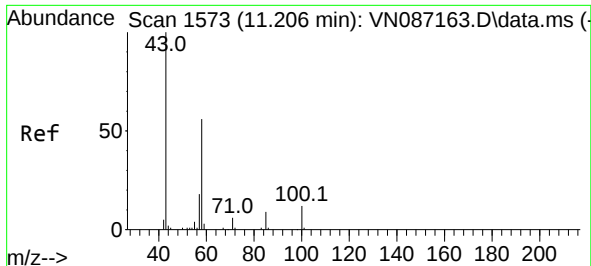
Tgt Ion:117 Resp: 185687
Ion Ratio Lower Upper
117 100
82 56.8 45.4 68.2
119 32.8 26.2 39.4



#58
4-Methyl-2-Pentanone
Concen: 90.752 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN087163.D
Acq: 25 Jun 2025 09:20

Tgt Ion: 43 Resp: 338778
Ion Ratio Lower Upper
43 100
58 40.8 32.6 49.0
85 18.3 14.6 22.0

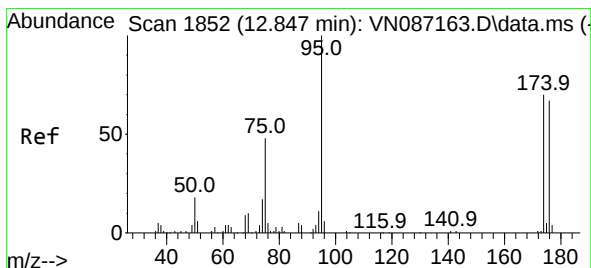
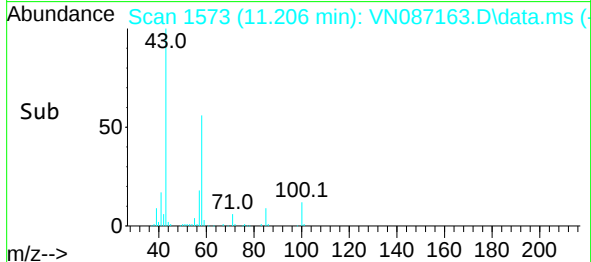
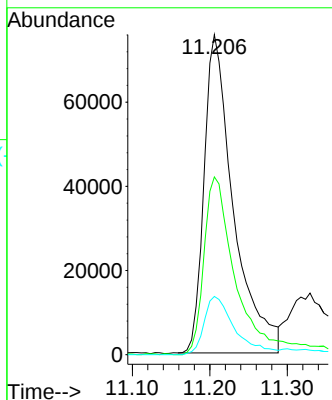
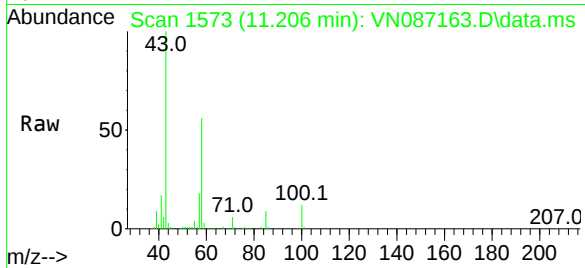




#59
2-Hexanone
Concen: 82.788 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.000 min
Lab File: VN087163.D
Acq: 25 Jun 2025 09:20

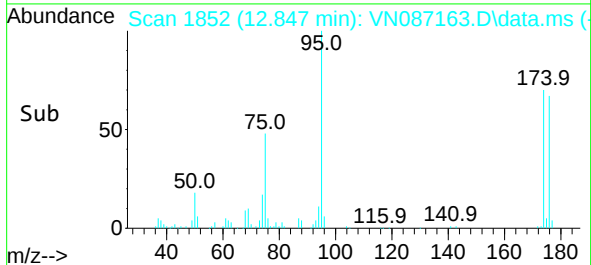
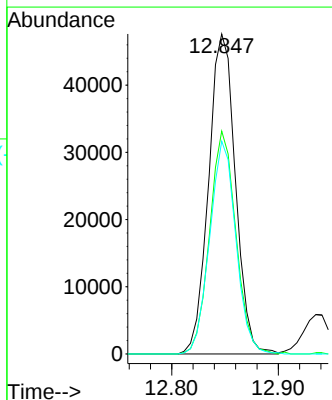
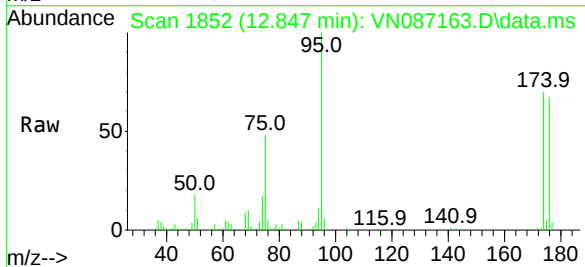
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

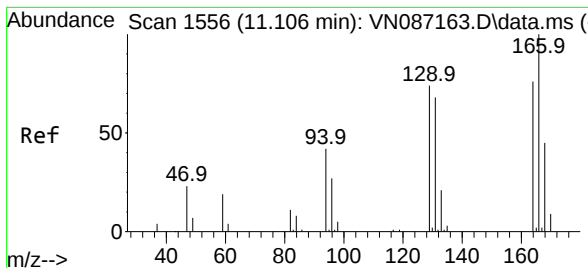
Tgt Ion: 43 Resp: 199560
Ion Ratio Lower Upper
43 100
58 61.5 49.2 73.8
57 19.1 15.3 22.9



#60
4-Bromofluorobenzene
Concen: 29.053 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN087163.D
Acq: 25 Jun 2025 09:20

Tgt Ion: 95 Resp: 83246
Ion Ratio Lower Upper
95 100
174 68.1 54.5 81.7
176 64.9 51.9 77.9





#61

Tetrachloroethene

Concen: 18.024 ug/l

RT: 11.106 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087163.D

Acq: 25 Jun 2025 09:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion:164 Resp: 33143

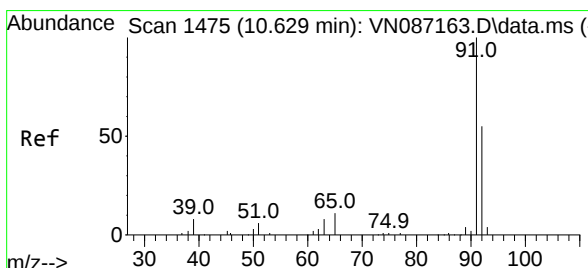
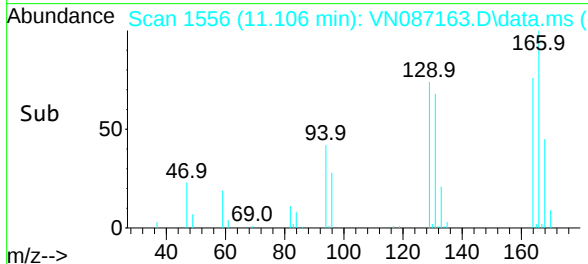
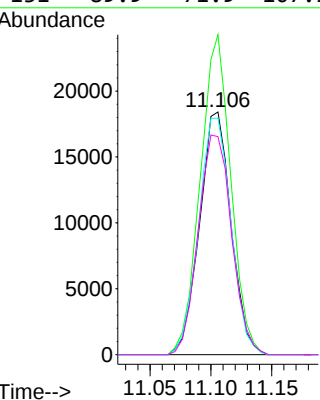
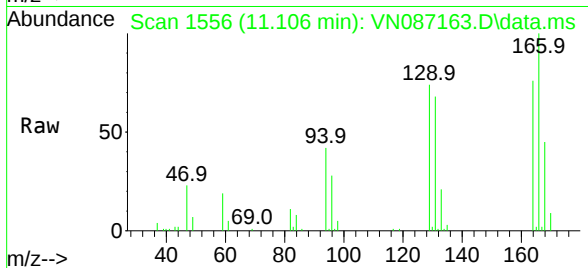
Ion Ratio Lower Upper

164 100

166 131.8 105.4 158.2

129 97.4 77.9 116.9

131 89.9 71.9 107.9



#62

Toluene

Concen: 18.297 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN087163.D

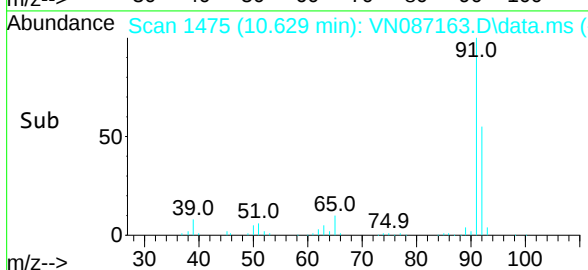
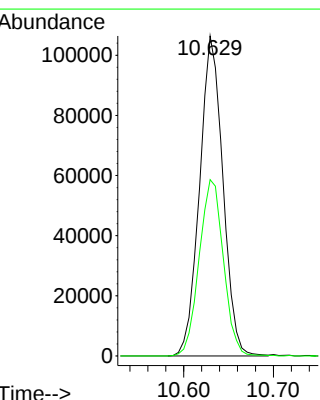
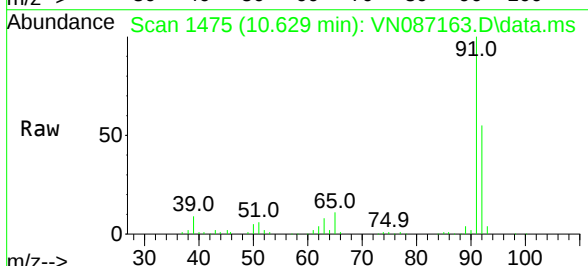
Acq: 25 Jun 2025 09:20

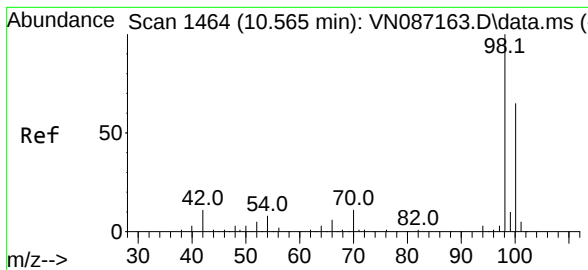
Tgt Ion: 91 Resp: 191888

Ion Ratio Lower Upper

91 100

92 57.3 45.8 68.8

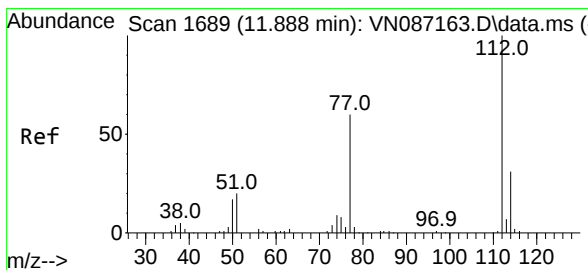
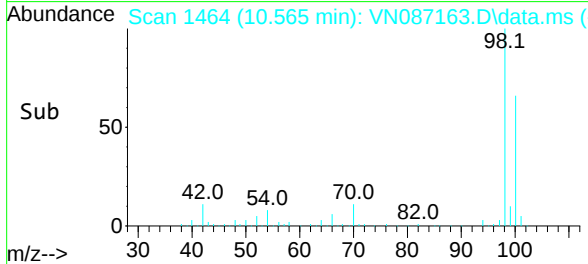
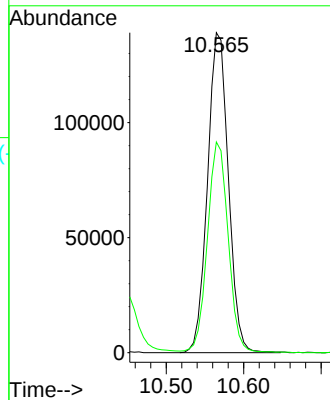
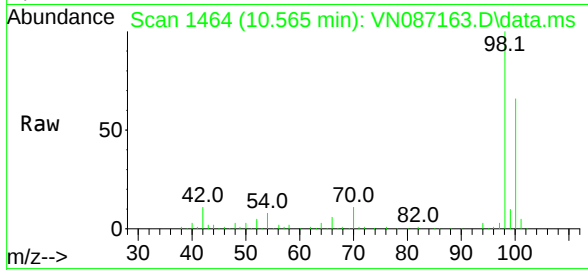




#63
Toluene-d8
Concen: 31.164 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN087163.D
Acq: 25 Jun 2025 09:20

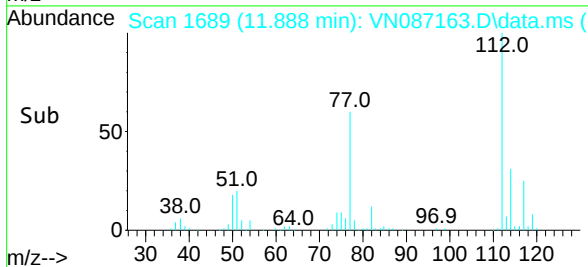
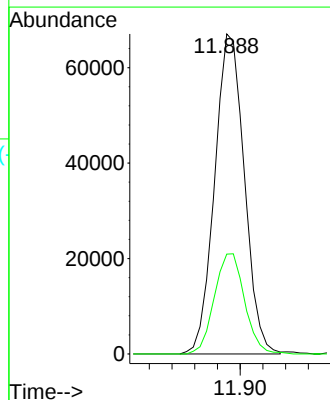
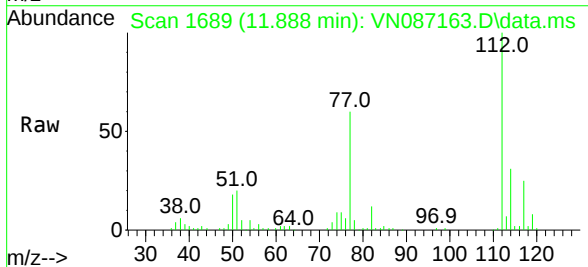
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

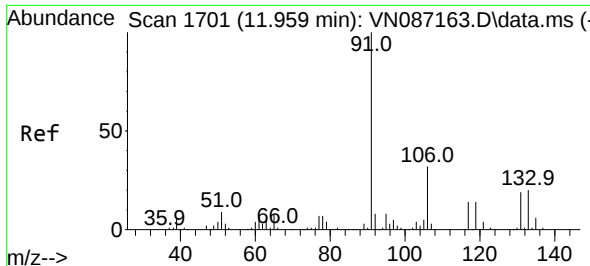
Tgt Ion: 98 Resp: 259828
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7



#64
Chlorobenzene
Concen: 18.222 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN087163.D
Acq: 25 Jun 2025 09:20

Tgt Ion: 112 Resp: 121902
Ion Ratio Lower Upper
112 100
114 31.2 25.0 37.4

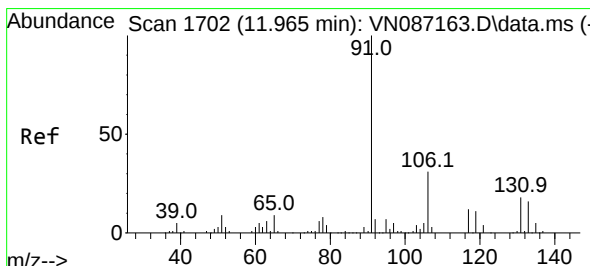
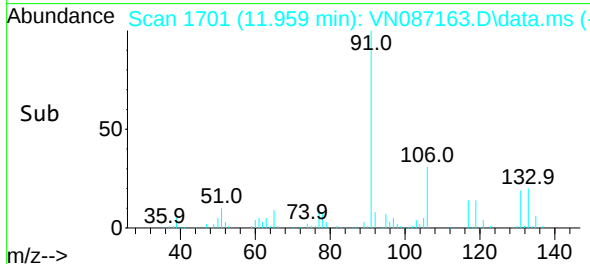
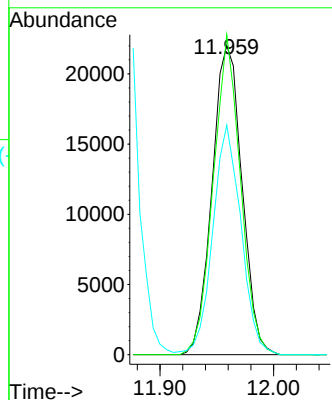
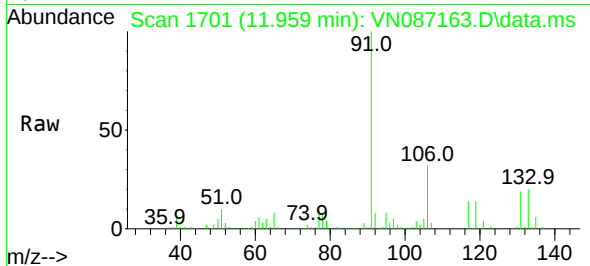




#65
 1,1,1,2-Tetrachloroethane
 Concen: 18.251 ug/l
 RT: 11.959 min Scan# 1701
 Delta R.T. 0.000 min
 Lab File: VN087163.D
 Acq: 25 Jun 2025 09:20

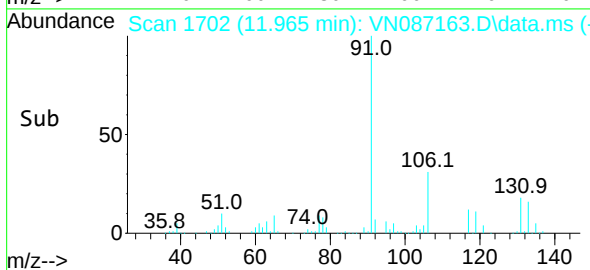
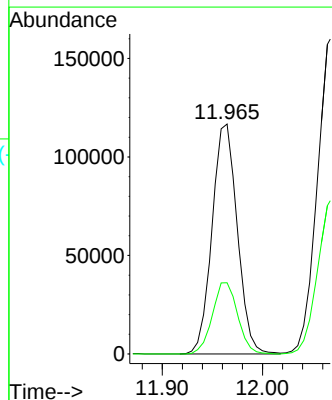
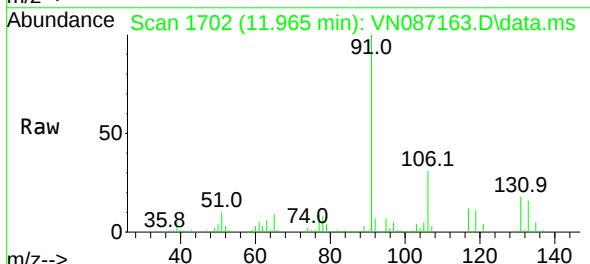
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

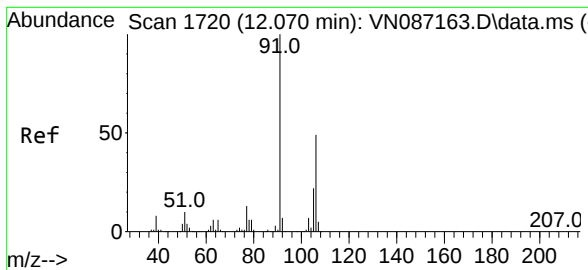
Tgt Ion:131 Resp: 40342
 Ion Ratio Lower Upper
 131 100
 133 93.9 0.0 187.8
 119 70.0 0.0 140.0



#66
 Ethyl Benzene
 Concen: 17.781 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. 0.000 min
 Lab File: VN087163.D
 Acq: 25 Jun 2025 09:20

Tgt Ion: 91 Resp: 204111
 Ion Ratio Lower Upper
 91 100
 106 31.0 24.8 37.2

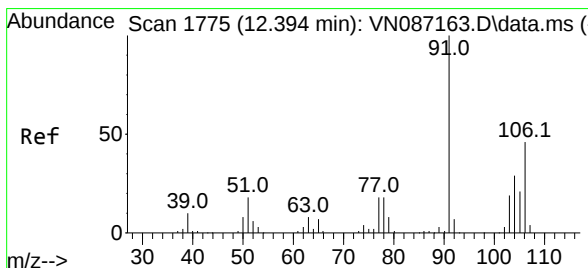
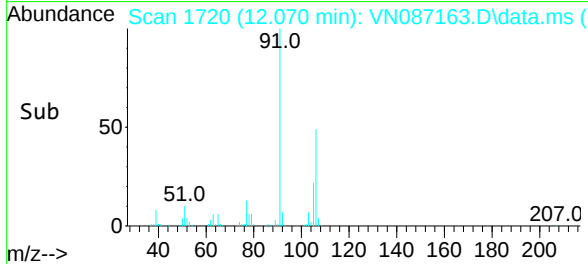
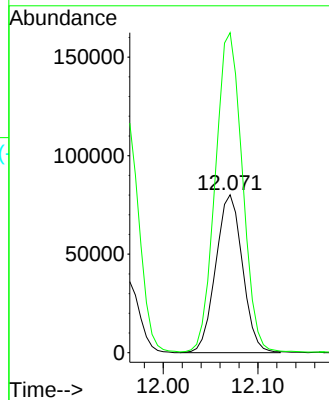
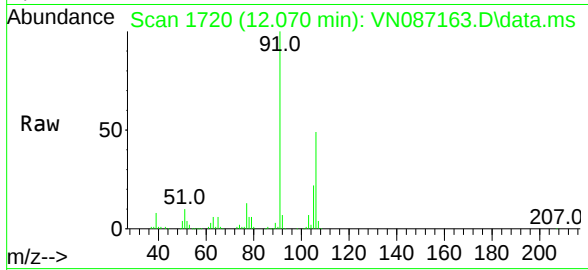




#67
m/p-Xylenes
Concen: 35.823 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN087163.D
Acq: 25 Jun 2025 09:20

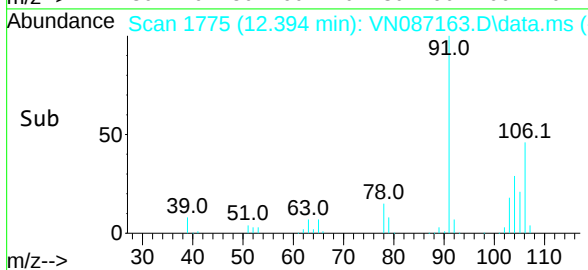
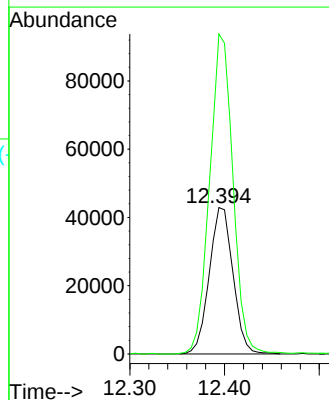
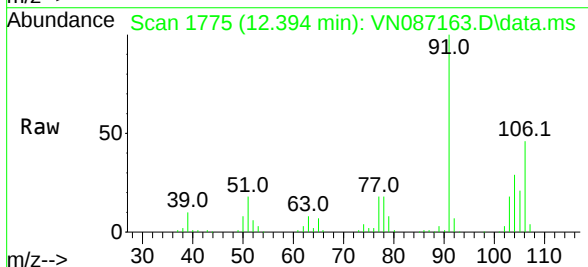
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

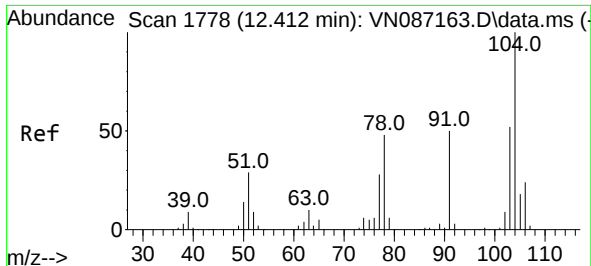
Tgt Ion:106 Resp: 157576
Ion Ratio Lower Upper
106 100
91 203.7 163.0 244.4



#68
o-Xylene
Concen: 17.822 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN087163.D
Acq: 25 Jun 2025 09:20

Tgt Ion:106 Resp: 74793
Ion Ratio Lower Upper
106 100
91 214.1 107.1 321.1

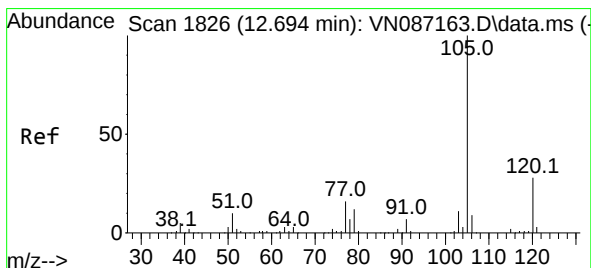
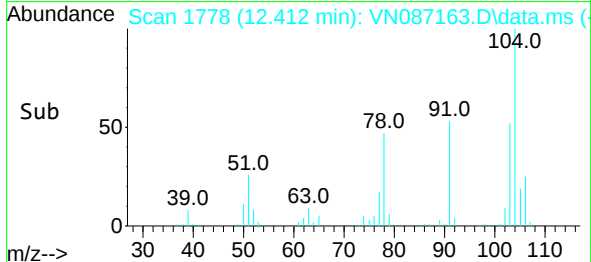
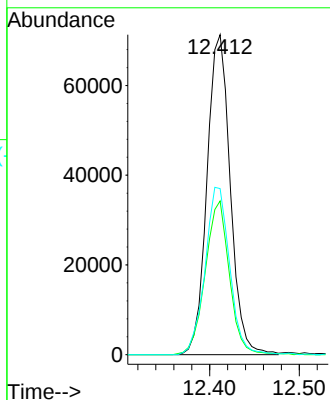
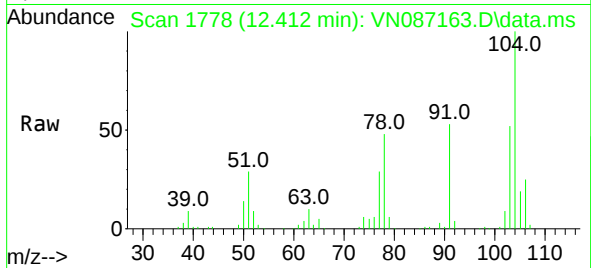




#69
Styrene
Concen: 17.859 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN087163.D
Acq: 25 Jun 2025 09:20

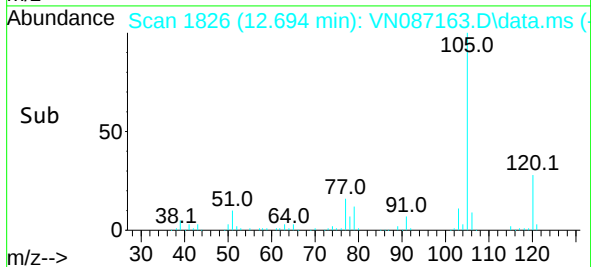
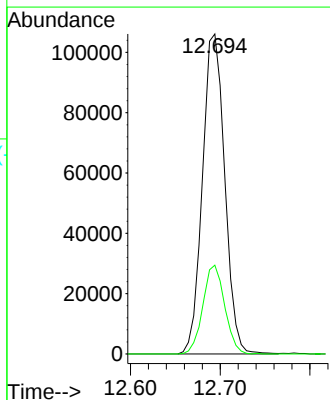
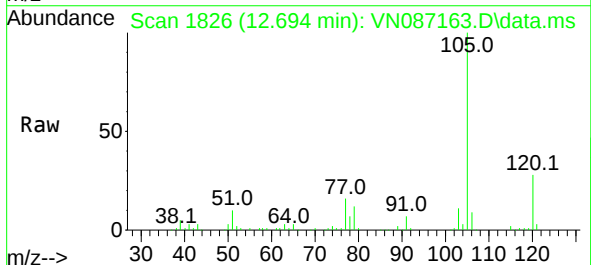
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

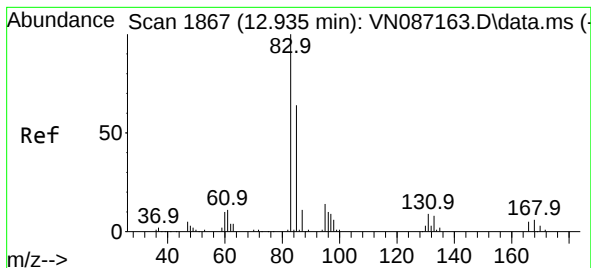
Tgt Ion:104 Resp: 128666
Ion Ratio Lower Upper
104 100
78 49.8 39.8 59.8
103 55.3 44.2 66.4



#70
Isopropylbenzene
Concen: 17.522 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN087163.D
Acq: 25 Jun 2025 09:20

Tgt Ion:105 Resp: 183132
Ion Ratio Lower Upper
105 100
120 27.1 19.0 35.2

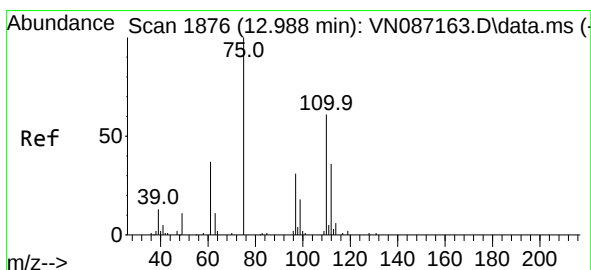
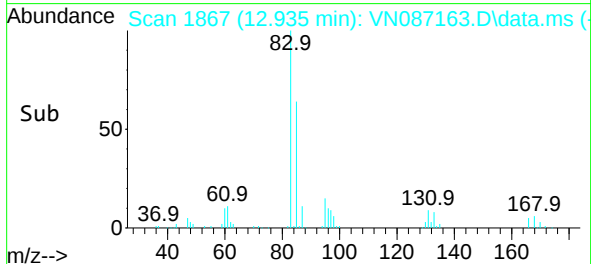
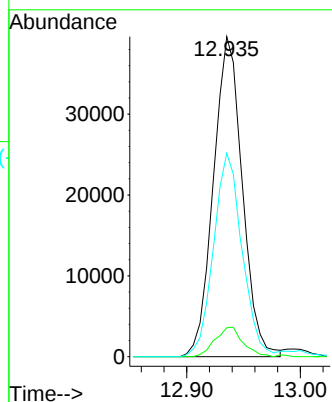
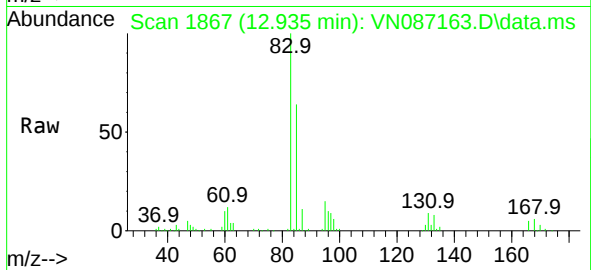




#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.610 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN087163.D
 Acq: 25 Jun 2025 09:20

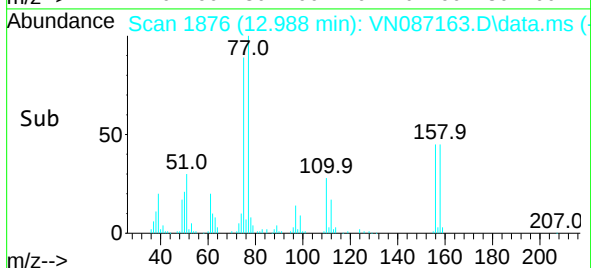
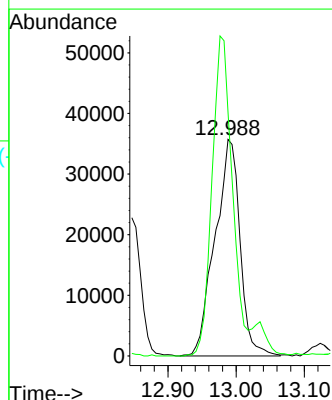
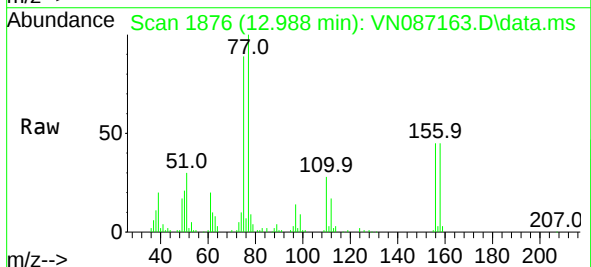
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

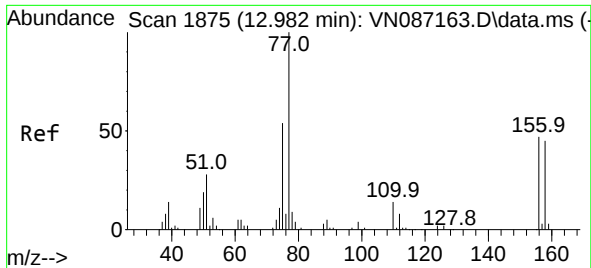
Tgt Ion: 83 Resp: 70012
 Ion Ratio Lower Upper
 83 100
 131 8.9 4.5 13.4
 85 62.6 31.3 93.9



#72
 1,2,3-Trichloropropane
 Concen: 28.080 ug/l
 RT: 12.988 min Scan# 1876
 Delta R.T. 0.000 min
 Lab File: VN087163.D
 Acq: 25 Jun 2025 09:20

Tgt Ion: 75 Resp: 91095
 Ion Ratio Lower Upper
 75 100
 77 119.8 0.0 379.2

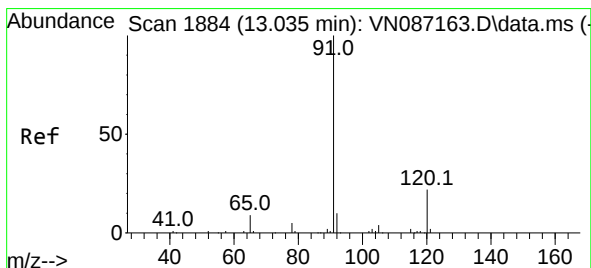
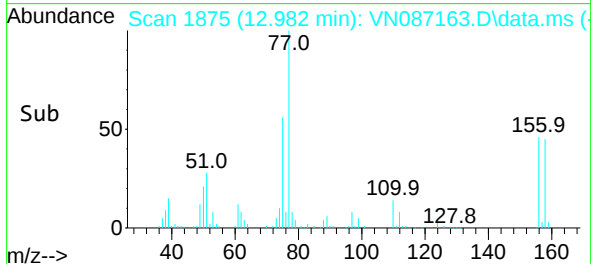
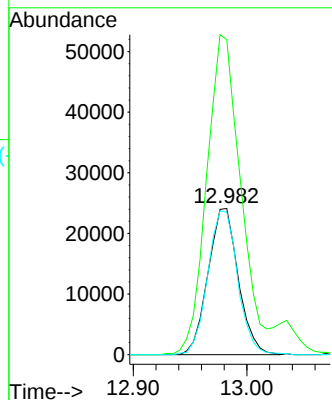
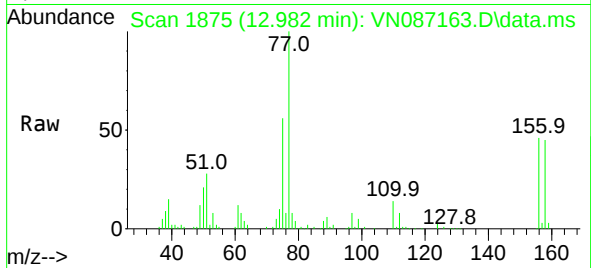




#73
Bromobenzene
Concen: 17.613 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN087163.D
Acq: 25 Jun 2025 09:20

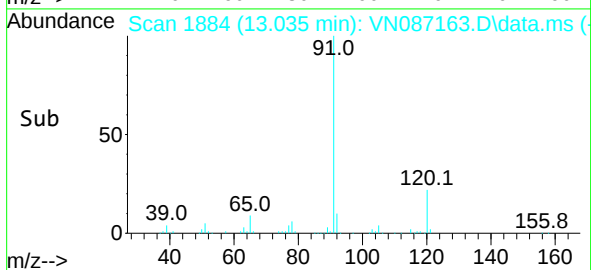
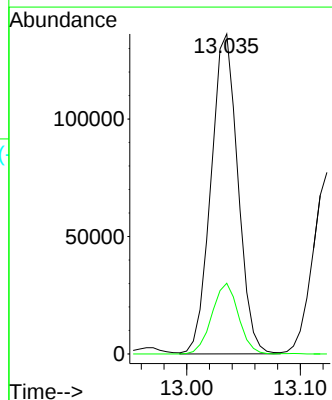
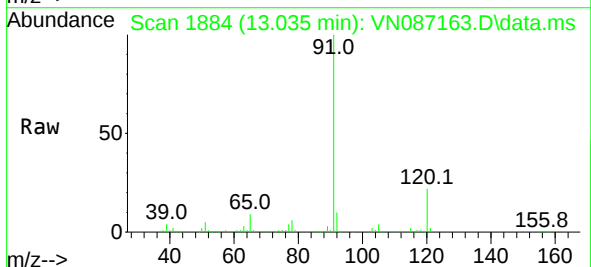
Instrument :
MSVOA_N
ClientSampleId :
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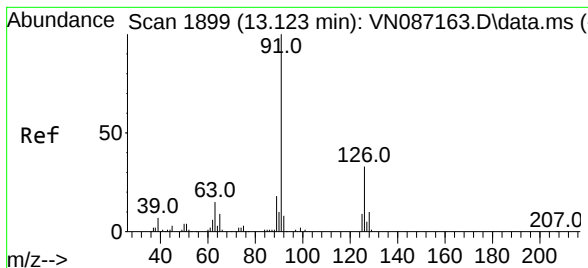
Tgt Ion:156 Resp: 44654
Ion Ratio Lower Upper
156 100
77 244.5 0.0 489.0
158 97.6 0.0 195.2



#74
n-propylbenzene
Concen: 17.545 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN087163.D
Acq: 25 Jun 2025 09:20

Tgt Ion: 91 Resp: 224021
Ion Ratio Lower Upper
91 100
120 21.8 0.0 43.6

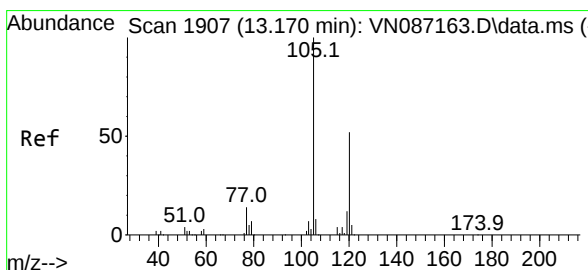
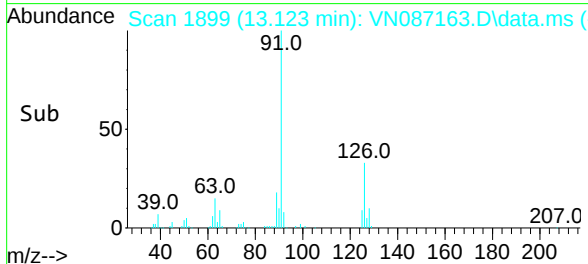
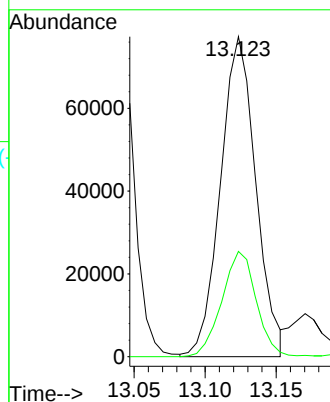
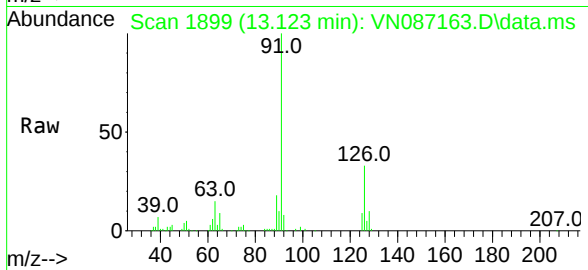




#75
2-Chlorotoluene
Concen: 17.331 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN087163.D
Acq: 25 Jun 2025 09:20

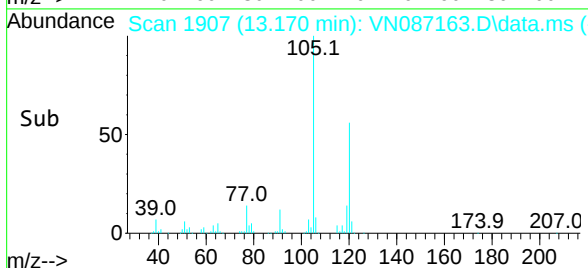
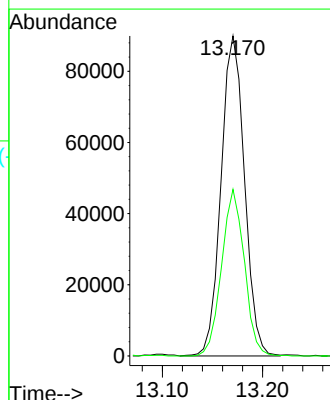
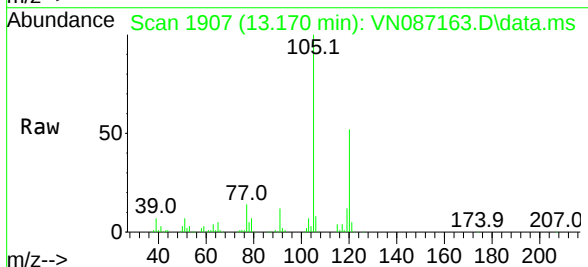
Instrument :
MSVOA_N
ClientSampleId :
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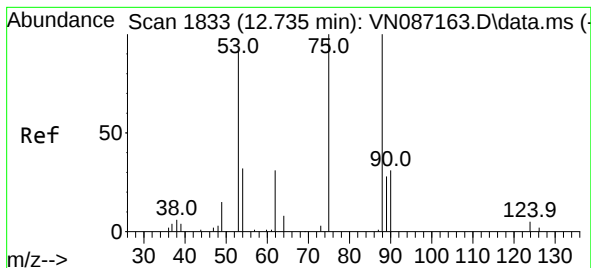
Tgt Ion: 91 Resp: 133694
Ion Ratio Lower Upper
91 100
126 31.9 0.0 63.8



#76
1,3,5-Trimethylbenzene
Concen: 17.175 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN087163.D
Acq: 25 Jun 2025 09:20

Tgt Ion: 105 Resp: 146137
Ion Ratio Lower Upper
105 100
120 50.4 0.0 100.8

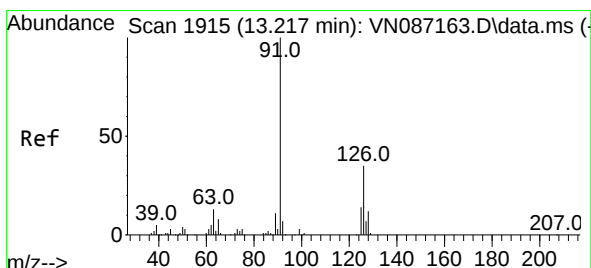
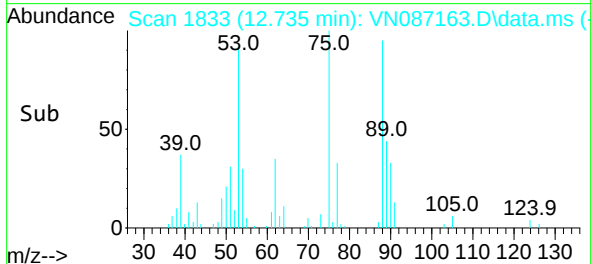
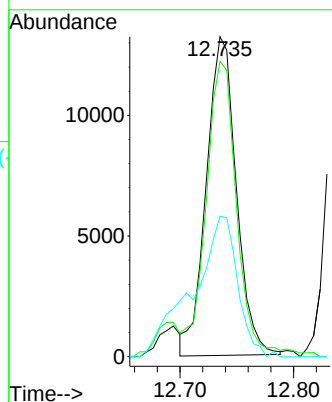
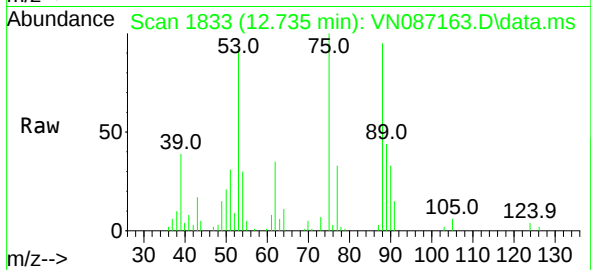




#77
t-1,4-Dichloro-2-butene
Concen: 16.866 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN087163.D
Acq: 25 Jun 2025 09:20

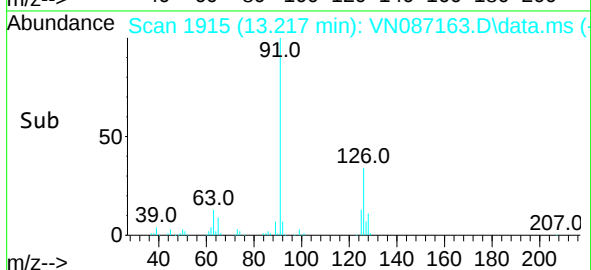
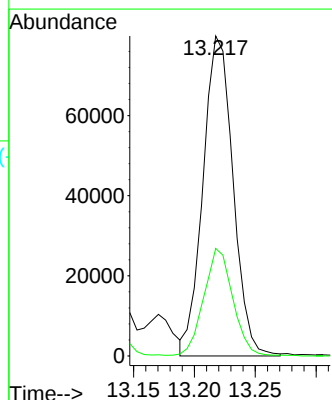
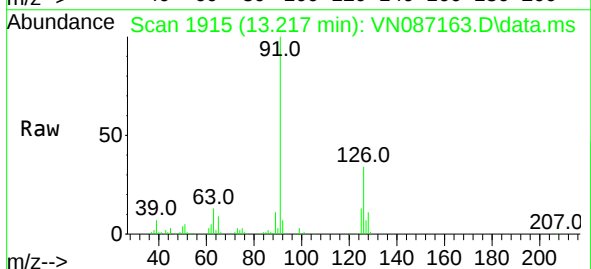
Instrument :
MSVOA_N
ClientSampleId :
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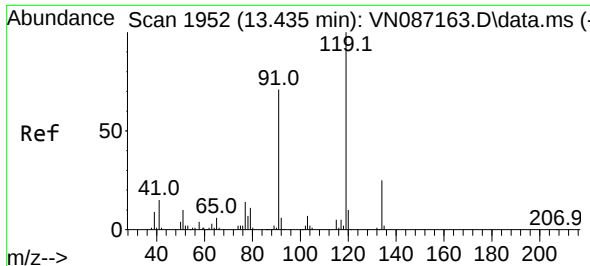
Tgt Ion: 75 Resp: 24271
Ion Ratio Lower Upper
75 100
53 91.7 45.9 137.6
89 44.6 22.3 66.9



#78
4-Chlorotoluene
Concen: 17.353 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN087163.D
Acq: 25 Jun 2025 09:20

Tgt Ion: 91 Resp: 137101
Ion Ratio Lower Upper
91 100
126 32.6 0.0 65.2

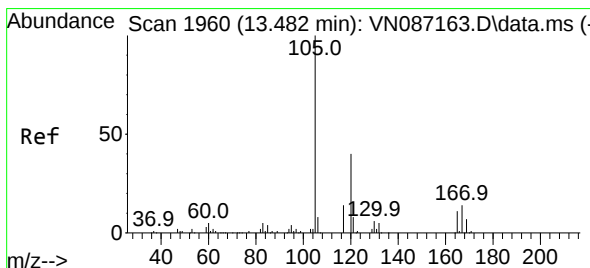
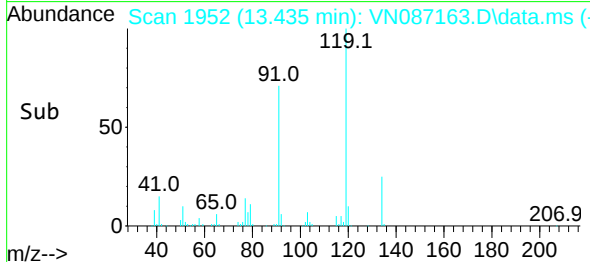
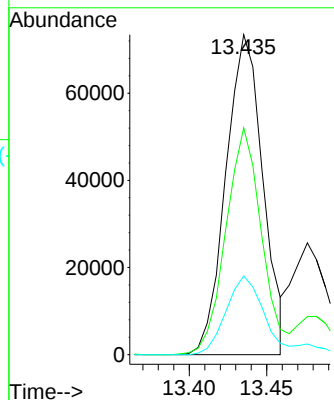
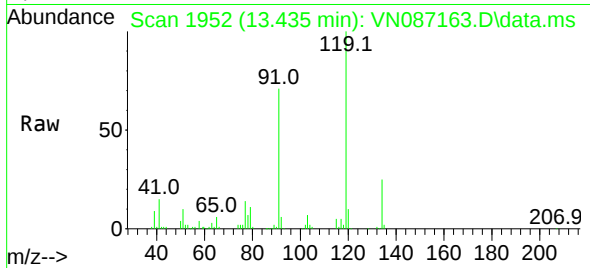




#79
tert-butylbenzene
Concen: 17.092 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN087163.D
Acq: 25 Jun 2025 09:20

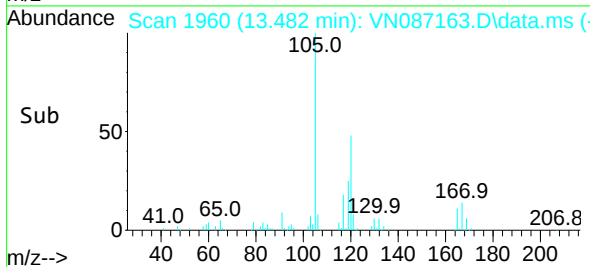
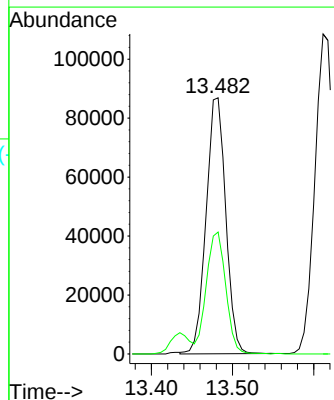
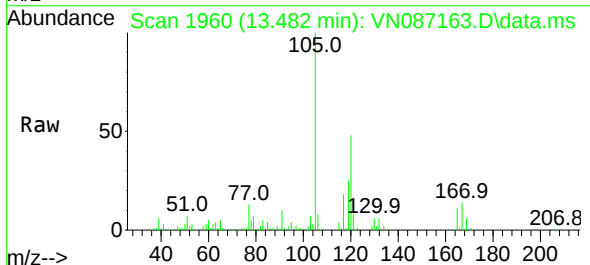
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

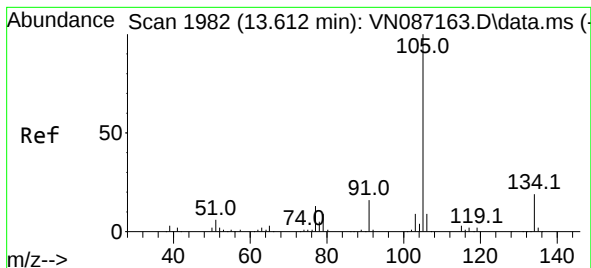
Tgt Ion:119 Resp: 122243
Ion Ratio Lower Upper
119 100
91 68.5 0.0 137.0
134 24.7 0.0 49.4



#80
1,2,4-Trimethylbenzene
Concen: 17.072 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN087163.D
Acq: 25 Jun 2025 09:20

Tgt Ion:105 Resp: 145867
Ion Ratio Lower Upper
105 100
120 47.0 0.0 94.0

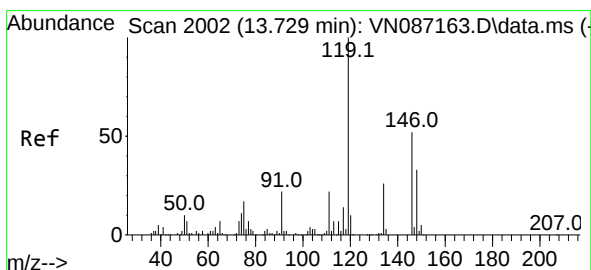
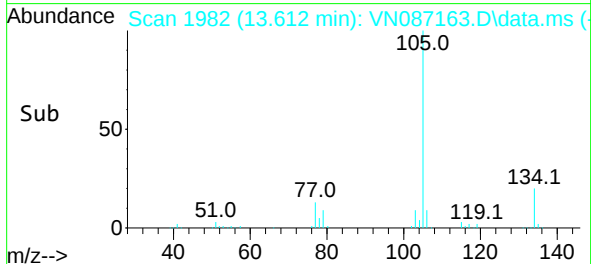
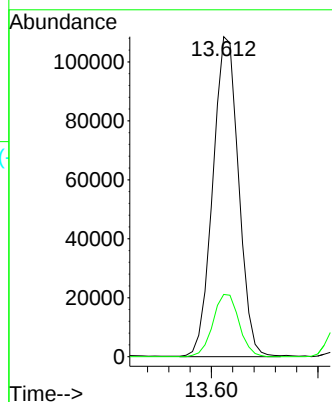
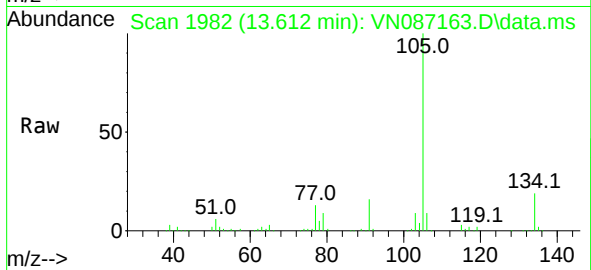




#81
 sec-Butylbenzene
 Concen: 17.543 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN087163.D
 Acq: 25 Jun 2025 09:20

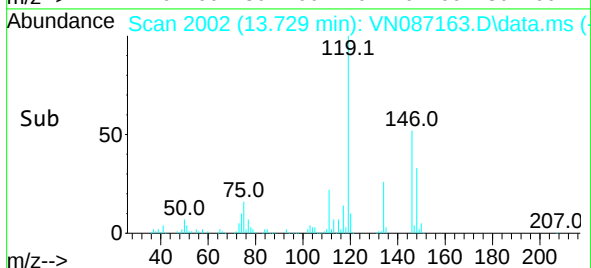
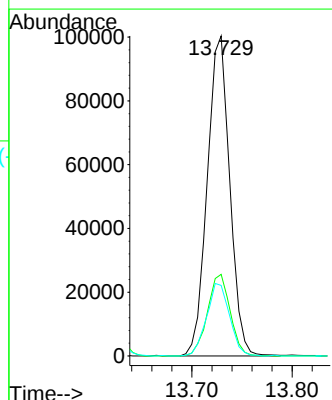
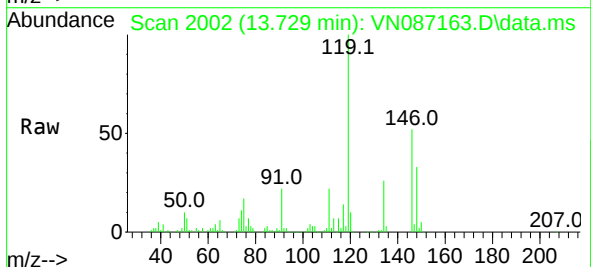
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

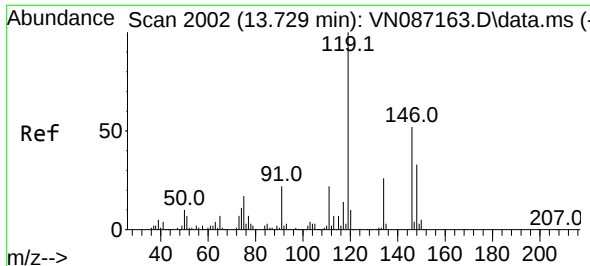
Tgt Ion:105 Resp: 182391
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 18.126 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN087163.D
 Acq: 25 Jun 2025 09:20

Tgt Ion:119 Resp: 156830
 Ion Ratio Lower Upper
 119 100
 134 25.6 0.0 51.2
 91 23.2 0.0 46.4

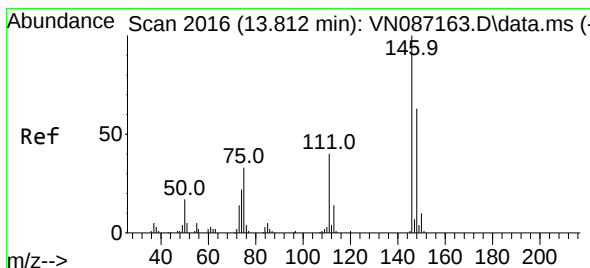
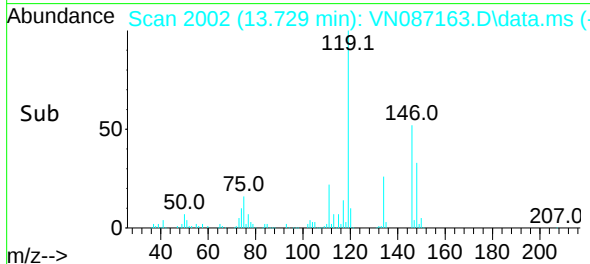
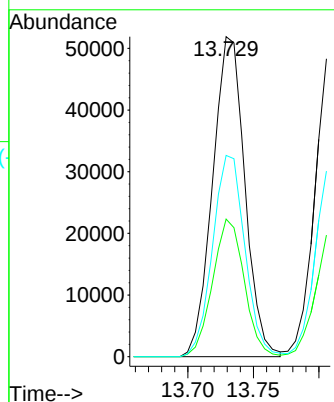
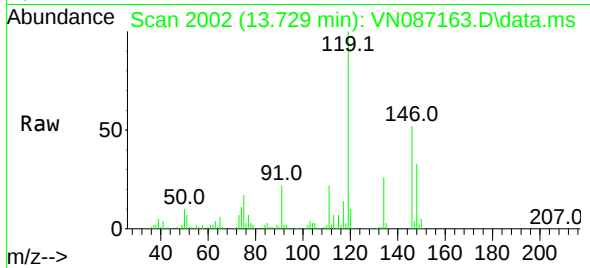




#83
 1,3-Dichlorobenzene
 Concen: 18.174 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN087163.D
 Acq: 25 Jun 2025 09:20

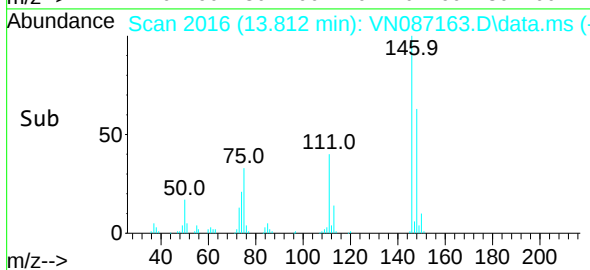
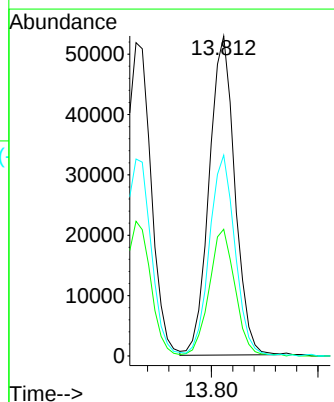
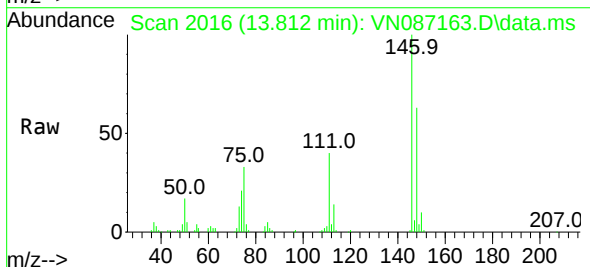
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

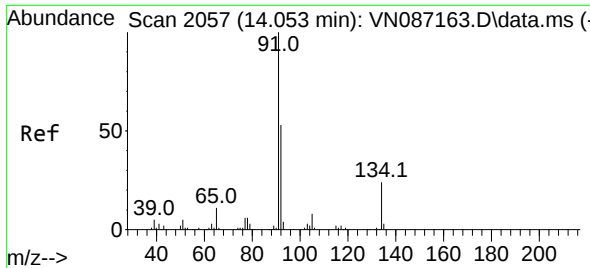
Tgt Ion:146 Resp: 88727
 Ion Ratio Lower Upper
 146 100
 111 42.2 21.1 63.3
 148 63.2 31.6 94.8



#84
 1,4-Dichlorobenzene
 Concen: 17.979 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN087163.D
 Acq: 25 Jun 2025 09:20

Tgt Ion:146 Resp: 88343
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.1 60.2
 148 62.8 31.4 94.2

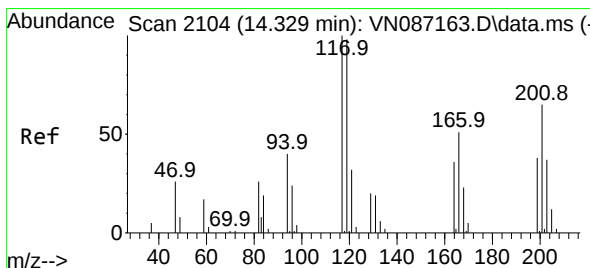
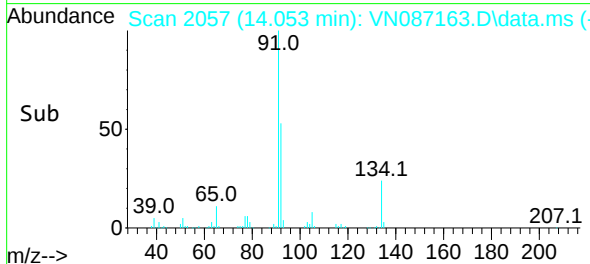
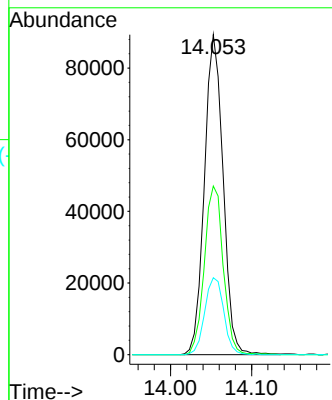
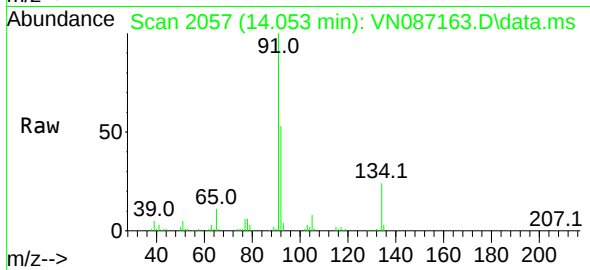




#85
n-Butylbenzene
Concen: 18.070 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN087163.D
Acq: 25 Jun 2025 09:20

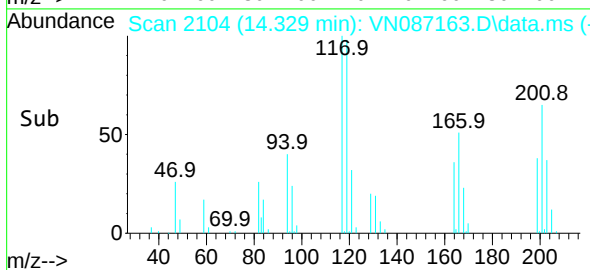
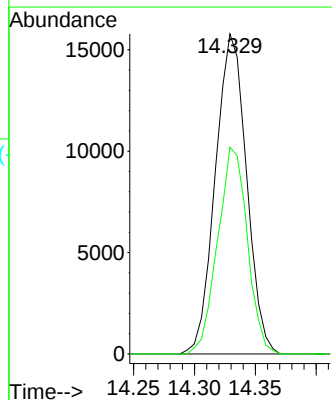
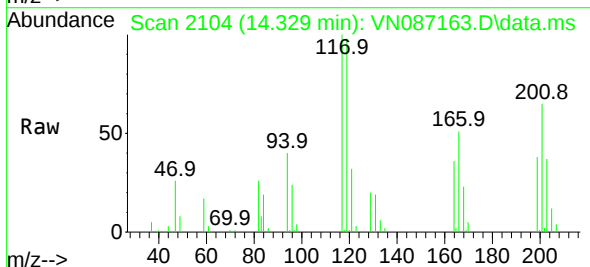
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

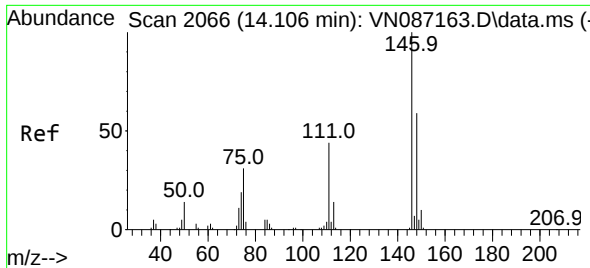
Tgt Ion: 91 Resp: 142647
Ion Ratio Lower Upper
91 100
92 53.2 0.0 106.4
134 24.4 0.0 48.8



#86
Hexachloroethane
Concen: 17.167 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN087163.D
Acq: 25 Jun 2025 09:20

Tgt Ion: 117 Resp: 28116
Ion Ratio Lower Upper
117 100
201 61.5 30.8 92.3

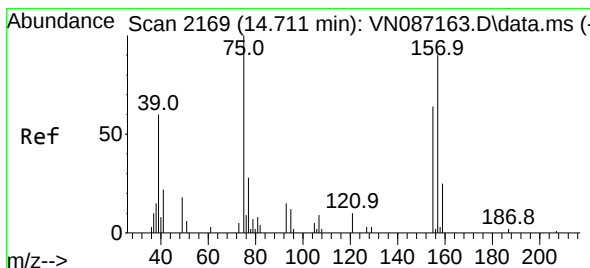
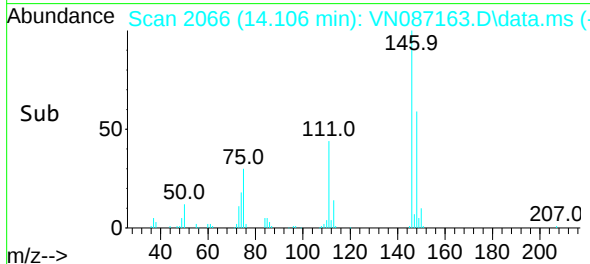
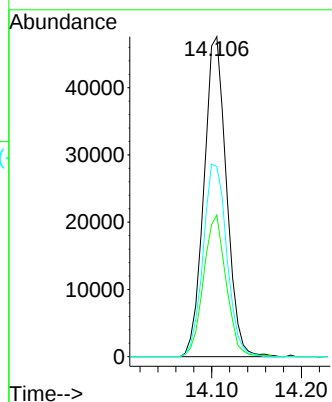
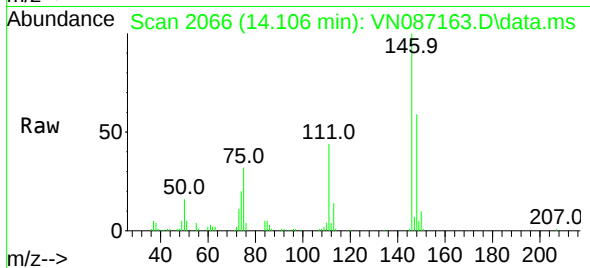




#87
 1,2-Dichlorobenzene
 Concen: 18.027 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. 0.000 min
 Lab File: VN087163.D
 Acq: 25 Jun 2025 09:20

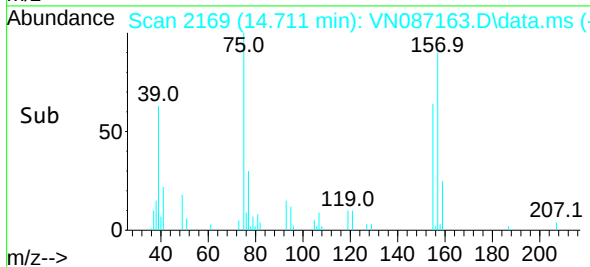
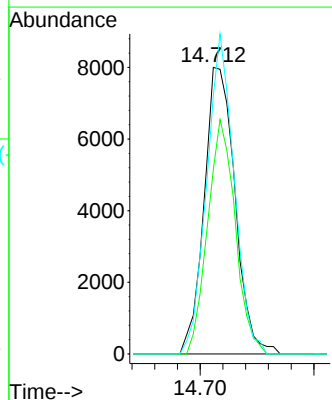
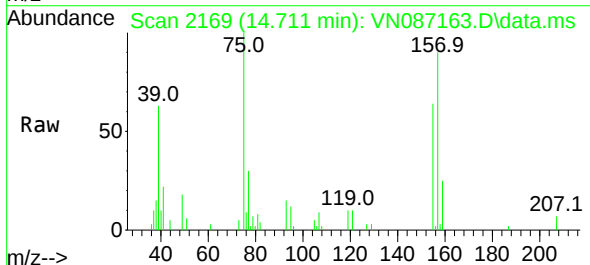
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

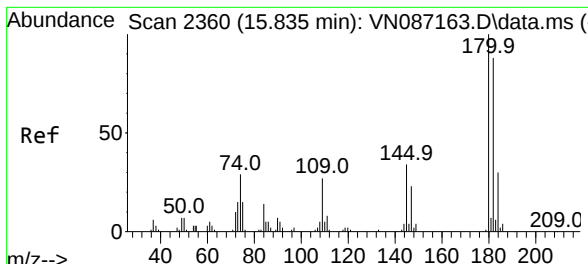
Tgt Ion:146 Resp: 82984
 Ion Ratio Lower Upper
 146 100
 111 44.1 22.1 66.1
 148 63.3 31.6 95.0



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.863 ug/l
 RT: 14.711 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: VN087163.D
 Acq: 25 Jun 2025 09:20

Tgt Ion: 75 Resp: 15132
 Ion Ratio Lower Upper
 75 100
 155 72.9 58.3 87.5
 157 99.0 79.2 118.8

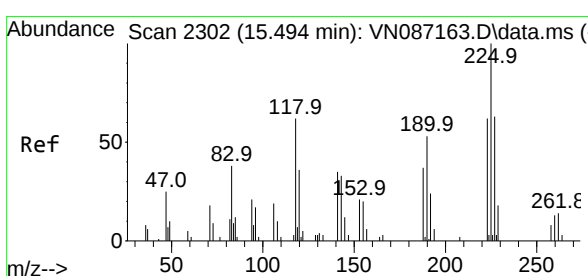
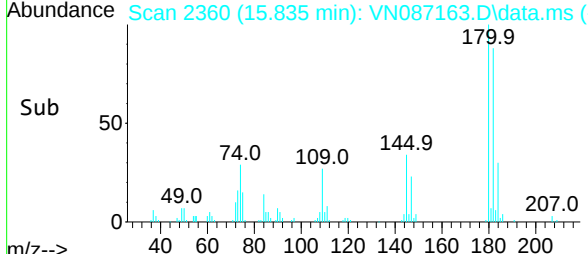
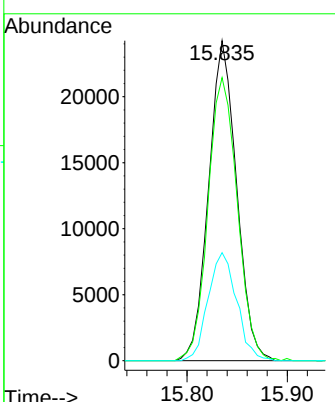
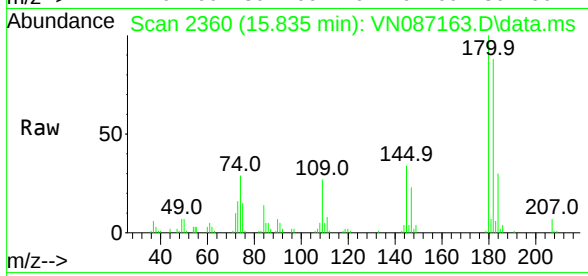




#89
 1,2,4-Trichlorobenzene
 Concen: 18.033 ug/l
 RT: 15.835 min Scan# 2360
 Delta R.T. 0.000 min
 Lab File: VN087163.D
 Acq: 25 Jun 2025 09:20

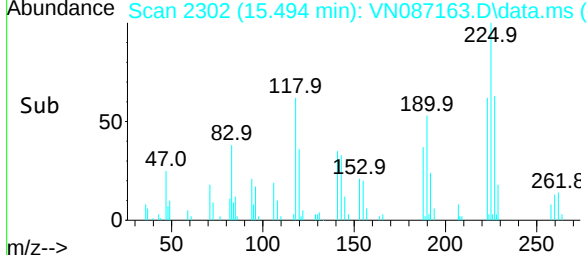
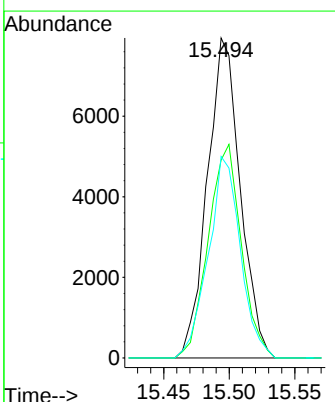
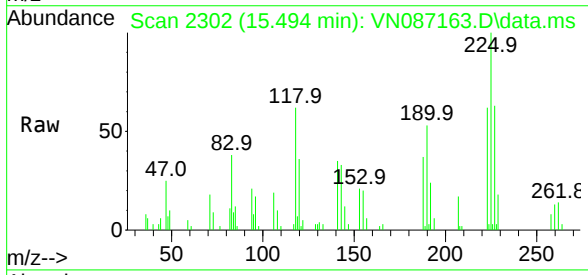
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

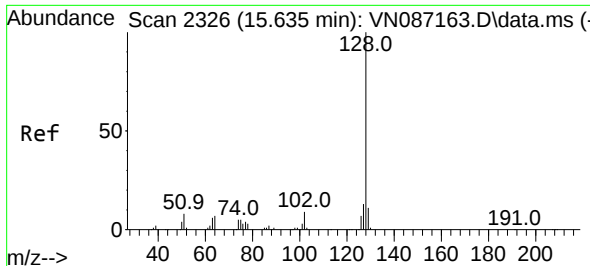
Tgt Ion:	180	Resp:	46967
Ion Ratio	Lower	Upper	
180	100		
182	92.7	74.2	111.2
145	34.5	27.6	41.4



#90
 Hexachlorobutadiene
 Concen: 17.954 ug/l
 RT: 15.494 min Scan# 2302
 Delta R.T. 0.000 min
 Lab File: VN087163.D
 Acq: 25 Jun 2025 09:20

Tgt Ion:	225	Resp:	13876
Ion Ratio	Lower	Upper	
225	100		
223	67.1	0.0	134.2
227	61.3	0.0	122.6

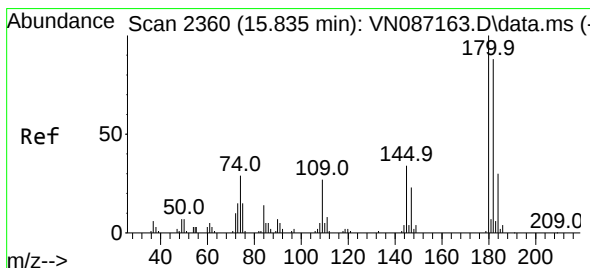
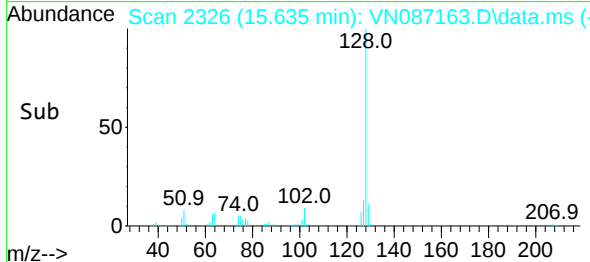
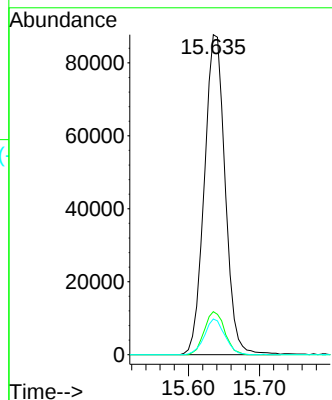
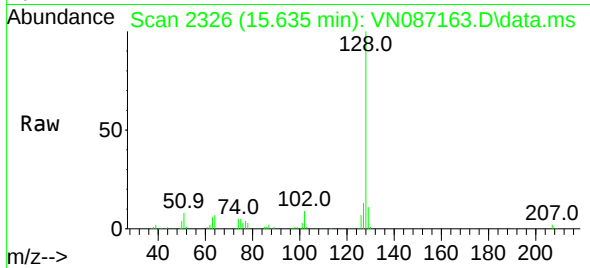




#91
Naphthalene
Concen: 17.417 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN087163.D
Acq: 25 Jun 2025 09:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:128 Resp: 178532
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 11.0 8.8 13.2



#92
1,2,3-Trichlorobenzene
Concen: 18.033 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN087163.D
Acq: 25 Jun 2025 09:20

Tgt Ion:180 Resp: 46967
Ion Ratio Lower Upper
180 100
182 92.7 0.0 185.4
145 34.5 0.0 69.0

