

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080825\
 Data File : VN087494.D
 Acq On : 08 Aug 2025 10:39
 Operator : JC\MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0020

Quant Time: Aug 11 01:16:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 06 02:01:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.800	128	57936	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	323175	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	292007	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	162032	30.322	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 101.067%	
60) 4-Bromofluorobenzene	12.829	95	148721	29.595	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 98.633%	
63) Toluene-d8	10.547	98	406995	30.292	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 100.967%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	71487	18.899	ug/l	96
3) Chloromethane	2.383	50	72526	18.688	ug/l	96
4) Vinyl Chloride	2.542	62	76883	18.678	ug/l	98
5) Bromomethane	2.983	94	29824	13.386	ug/l	92
6) Chloroethane	3.142	64	50464	19.012	ug/l #	84
7) Trichlorofluoromethane	3.512	101	108423	18.303	ug/l	95
8) Diethyl Ether	3.965	74	45874	18.588	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.365	101	56243	18.618	ug/l	63
10) 1,1-Dichloroethene	4.342	96	61361	19.338	ug/l	97
11) Methyl Iodide	4.577	142	10982	4.396	ug/l	92
12) Methyl Acetate	5.018	43	110652	18.897	ug/l	99
13) Acrolein	4.177	56	98286	109.897	ug/l	98
14) Acrylonitrile	5.706	53	235581	92.135	ug/l	98
15) Acetone	4.424	58	63801	87.330	ug/l	85
16) Carbon Disulfide	4.700	76	176208	17.902	ug/l	98
17) Allyl chloride	5.012	41	115603	17.874	ug/l	99
18) Methylene Chloride	5.265	84	74001	18.116	ug/l	97
19) trans-1,2-Dichloroethene	5.777	96	66079	17.512	ug/l	94
20) Diisopropyl ether	6.659	45	267198	18.135	ug/l	95
21) 1,1-Dichloroethane	6.553	63	139614	18.332	ug/l	98
22) cis-1,2-Dichloroethene	7.471	96	84988	18.305	ug/l	100
23) tert-Butyl Alcohol	5.518	59	99931	91.974	ug/l #	100
24) Methyl tert-Butyl Ether	5.783	73	261709	18.100	ug/l #	50
25) Chloroform	7.953	83	144983	18.238	ug/l	97
26) Cyclohexane	8.241	56	110483	18.119	ug/l #	99
29) 1,1-Dichloropropene	8.353	75	92431	17.536	ug/l	99
30) 2-Butanone	7.471	43	343770	88.479	ug/l	99
31) 2,2-Dichloropropane	7.471	77	119393	17.562	ug/l	98
32) 1,1,1-Trichloroethane	8.153	97	122090	18.161	ug/l	98
33) Carbon Tetrachloride	8.347	117	97873	17.525	ug/l	98
34) Benzene	8.588	78	301392	18.114	ug/l	99
35) Methacrylonitrile	7.759	41	78564	18.738	ug/l	94
36) 1,2-Dichloroethane	8.653	62	121470	18.062	ug/l	99
37) Trichloroethene	9.329	130	68187	18.604	ug/l	84
38) Methylcyclohexane	9.582	83	103280	16.890	ug/l	97
39) 1,2-Dichloropropane	9.600	63	78211	18.333	ug/l	98
40) Dibromomethane	9.694	93	57890	18.086	ug/l	95
41) Bromodichloromethane	9.871	83	119063	17.901	ug/l	95
42) Vinyl Acetate	6.588	43	1161466	90.774	ug/l	100

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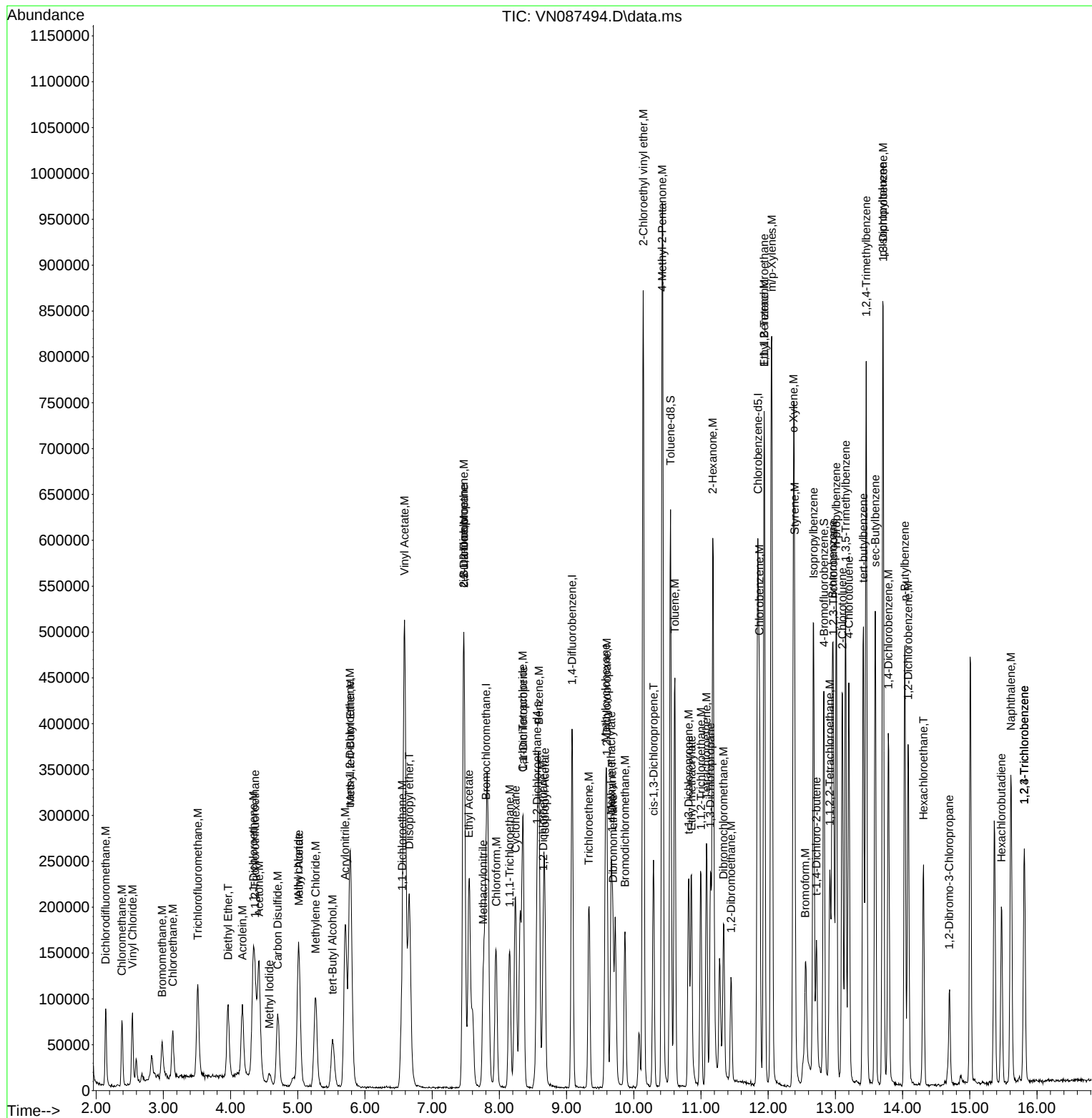
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43) Ethyl Acetate	7.547	43	132158	17.607	ug/l #	81
44) Isopropyl Acetate	8.677	43	225914	17.756	ug/l	98
45) 1,4-Dioxane	9.677	88	29554	364.360	ug/l #	88
46) Methyl methacrylate	9.665	41	104953	17.475	ug/l	97
48) t-1,3-Dichloropropene	10.818	75	124062	17.145	ug/l	97
49) cis-1,3-Dichloropropene	10.294	75	128478	17.643	ug/l	97
50) 1,1,2-Trichloroethane	11.000	97	72873	18.020	ug/l	96
51) Ethyl methacrylate	10.859	69	124342	17.458	ug/l	99
52) 1,3-Dichloropropane	11.141	76	132220	18.147	ug/l	97
53) Dibromochloromethane	11.335	129	79796	17.085	ug/l	94
54) 1,2-Dibromoethane	11.447	107	75790	17.654	ug/l	95
55) 2-Chloroethyl vinyl ether	10.141	63	372969	99.474	ug/l	99
56) Bromoform	12.553	173	50757	16.431	ug/l #	98
58) 4-Methyl-2-Pentanone	10.424	43	695911	92.643	ug/l	99
59) 2-Hexanone	11.176	43	459504	90.030	ug/l	98
61) Tetrachloroethene	11.082	164	55836	19.627	ug/l	95
62) Toluene	10.612	91	326949	18.141	ug/l	98
64) Chlorobenzene	11.870	112	199120	17.980	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.941	131	67199	17.259	ug/l	98
66) Ethyl Benzene	11.941	91	358194	17.831	ug/l	96
67) m/p-Xylenes	12.053	106	264730	35.903	ug/l	96
68) o-Xylene	12.376	106	127908	17.633	ug/l	99
69) Styrene	12.394	104	220467	17.799	ug/l	99
70) Isopropylbenzene	12.676	105	331036	17.962	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.917	83	114834	18.186	ug/l	99
72) 1,2,3-Trichloropropane	12.970	75	151358	25.730	ug/l	53
73) Bromobenzene	12.959	156	74761	17.499	ug/l	98
74) n-propylbenzene	13.012	91	417761	18.151	ug/l	100
75) 2-Chlorotoluene	13.106	91	255770	18.066	ug/l	100
76) 1,3,5-Trimethylbenzene	13.153	105	283101	17.941	ug/l	100
77) t-1,4-Dichloro-2-butene	12.717	75	31228	14.023	ug/l	97
78) 4-Chlorotoluene	13.200	91	257905	17.976	ug/l	99
79) tert-butylbenzene	13.417	119	238588	17.933	ug/l	98
80) 1,2,4-Trimethylbenzene	13.459	105	288029	18.267	ug/l	100
81) sec-Butylbenzene	13.594	105	352384	18.194	ug/l	99
82) p-Isopropyltoluene	13.706	119	287731	17.892	ug/l	99
83) 1,3-Dichlorobenzene	13.712	146	148471	18.250	ug/l	99
84) 1,4-Dichlorobenzene	13.788	146	146087	17.712	ug/l	96
85) n-Butylbenzene	14.035	91	282875	17.979	ug/l	99
86) Hexachloroethane	14.312	117	51211	16.307	ug/l	95
87) 1,2-Dichlorobenzene	14.082	146	145514	18.738	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.694	75	27860	17.416	ug/l	97
89) 1,2,4-Trichlorobenzene	15.811	180	82995	17.883	ug/l	100
90) Hexachlorobutadiene	15.470	225	30359	16.822	ug/l	93
91) Naphthalene	15.611	128	307503	17.377	ug/l	99
92) 1,2,3-Trichlorobenzene	15.811	180	82995	17.883	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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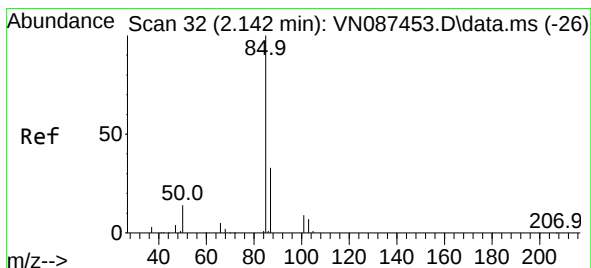
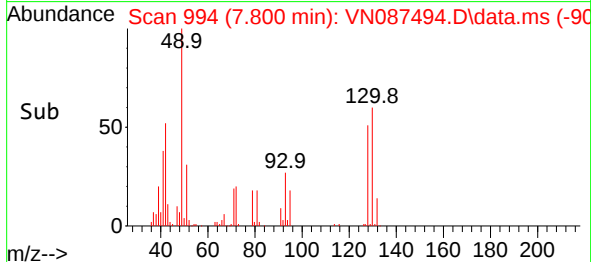
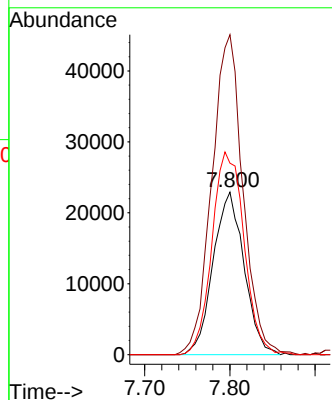
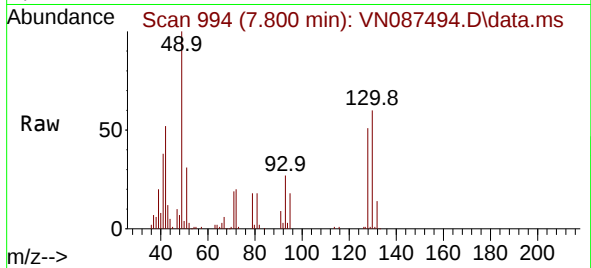




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

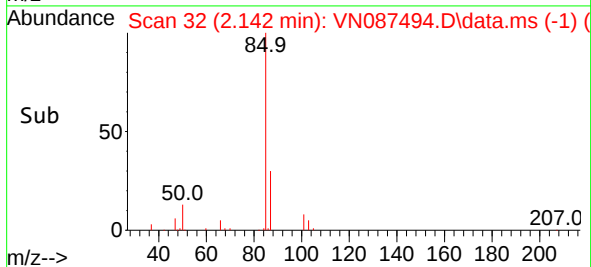
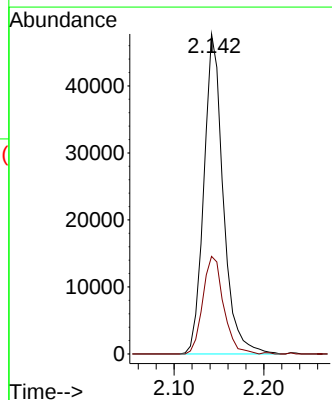
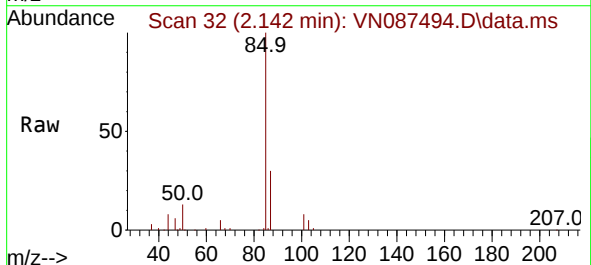
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MSVOA_N
ClientSampleId :
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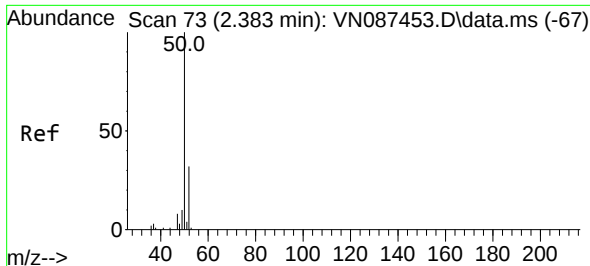
Tgt Ion:128 Resp: 57936
Ion Ratio Lower Upper
128 100
49 197.6 0.0 494.8
130 128.8 0.0 321.5



#2
Dichlorodifluoromethane
Concen: 18.899 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

Tgt Ion: 85 Resp: 71487
Ion Ratio Lower Upper
85 100
87 30.5 16.4 49.2

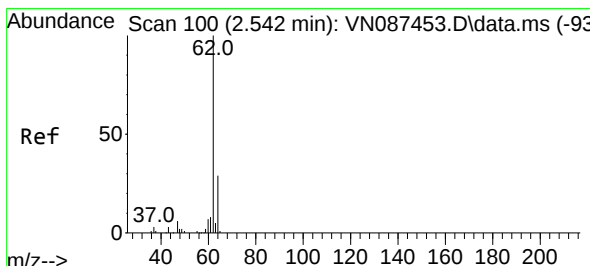
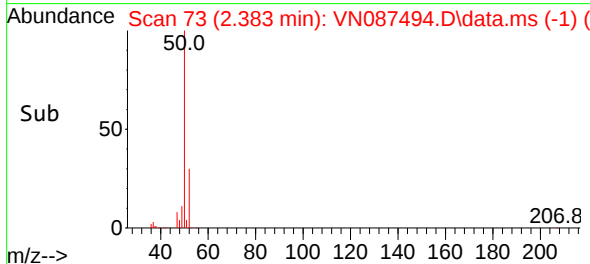
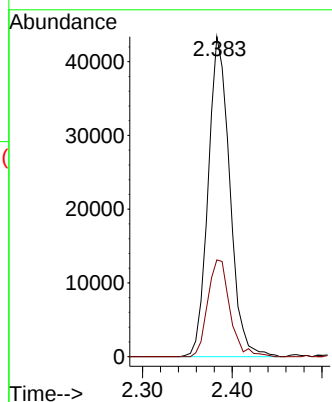
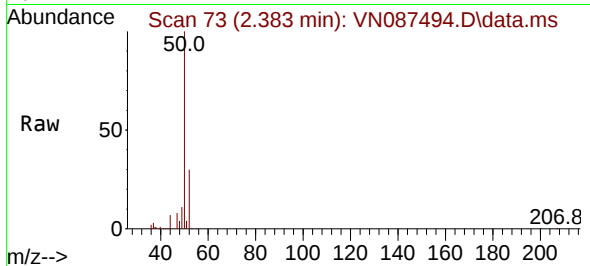




#3
Chloromethane
Concen: 18.688 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

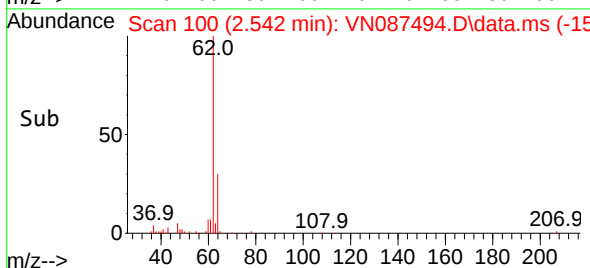
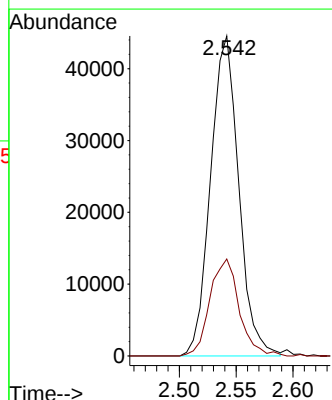
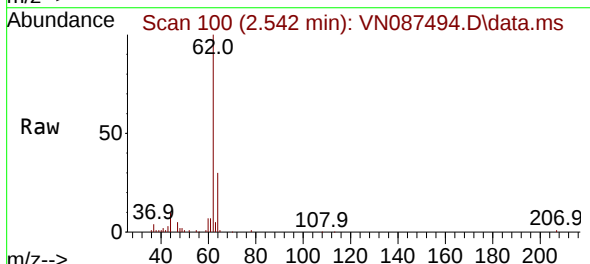
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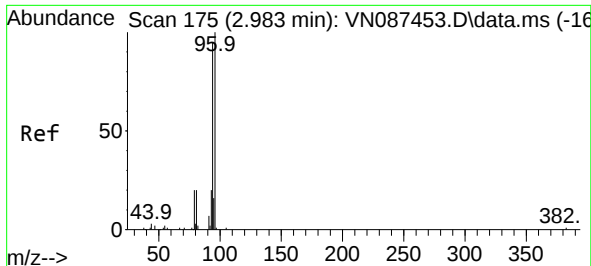
Tgt Ion: 50 Resp: 72526
Ion Ratio Lower Upper
50 100
52 30.2 25.8 38.6



#4
Vinyl Chloride
Concen: 18.678 ug/l
RT: 2.542 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

Tgt Ion: 62 Resp: 76883
Ion Ratio Lower Upper
62 100
64 30.3 23.4 35.2

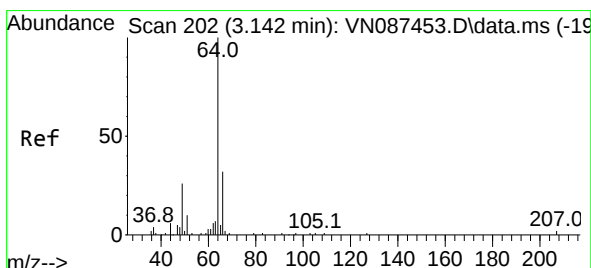
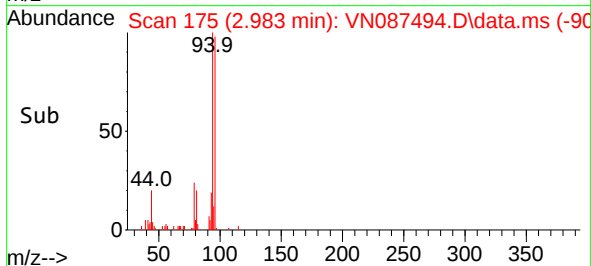
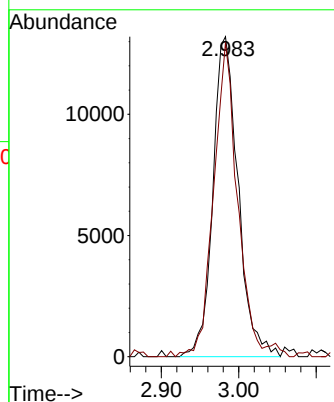
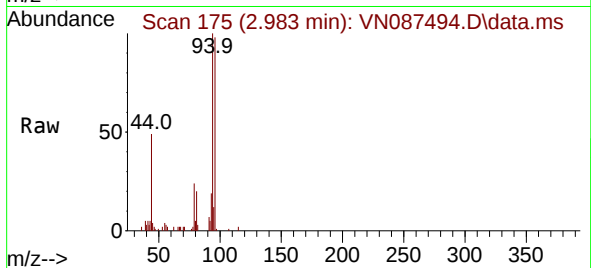




#5
Bromomethane
Concen: 13.386 ug/l
RT: 2.983 min Scan# 175
Delta R.T. -0.000 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

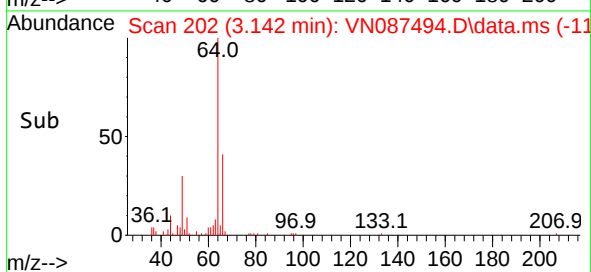
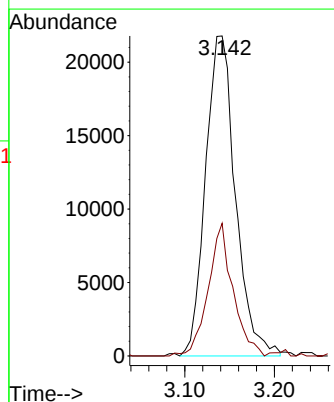
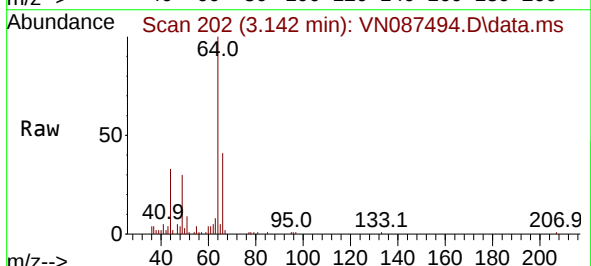
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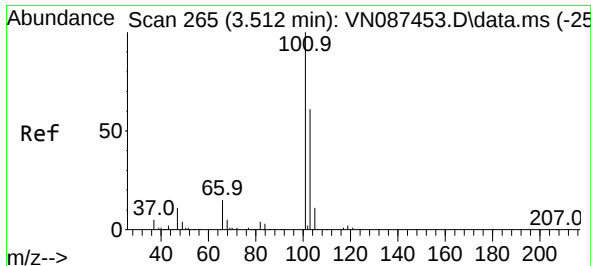
Tgt Ion: 94 Resp: 29824
Ion Ratio Lower Upper
94 100
96 96.8 84.2 126.4



#6
Chloroethane
Concen: 19.012 ug/l
RT: 3.142 min Scan# 202
Delta R.T. -0.000 min
Lab File: VN087494.D
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Tgt Ion: 64 Resp: 50464
Ion Ratio Lower Upper
64 100
66 40.7 25.4 38.0#

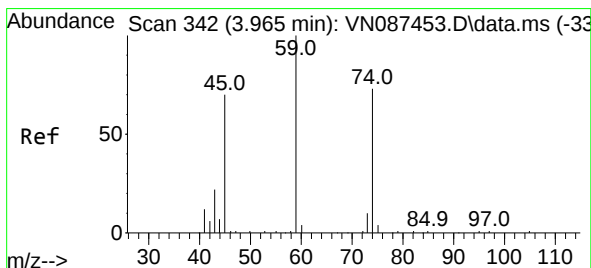
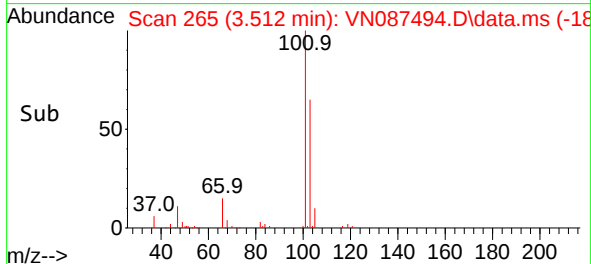
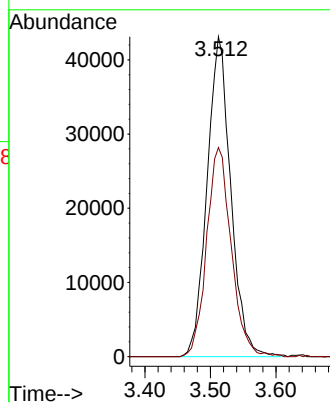
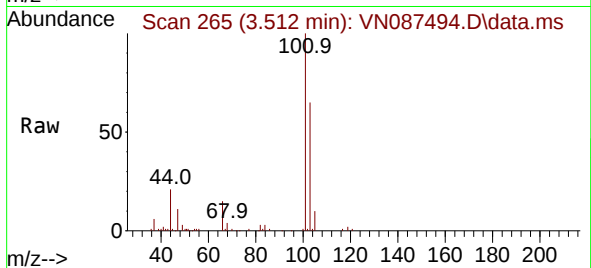




#7
 Trichlorofluoromethane
 Concen: 18.303 ug/l
 RT: 3.512 min Scan# 265
 Delta R.T. -0.000 min
 Lab File: VN087494.D
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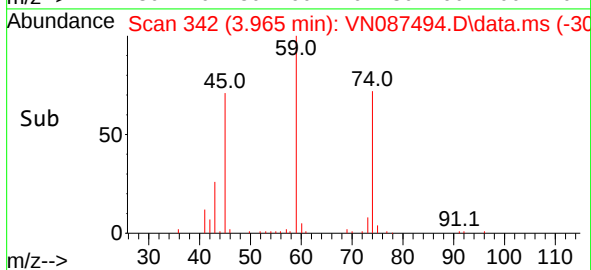
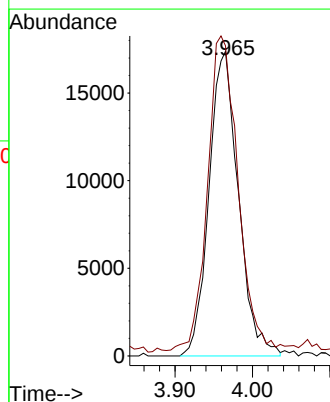
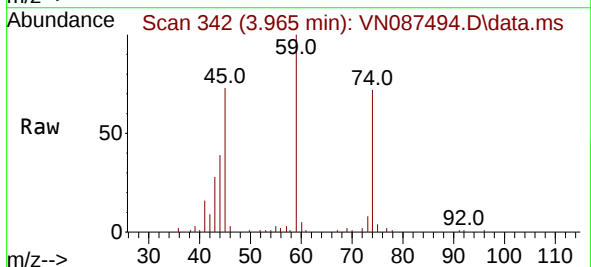
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Tgt Ion:101 Resp: 108423
 Ion Ratio Lower Upper
 101 100
 103 65.3 49.2 73.8



#8
 Diethyl Ether
 Concen: 18.588 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. -0.000 min
 Lab File: VN087494.D
 Acq: 08 Aug 2025 10:39

Tgt Ion: 74 Resp: 45874
 Ion Ratio Lower Upper
 74 100
 45 105.0 20.1 180.9

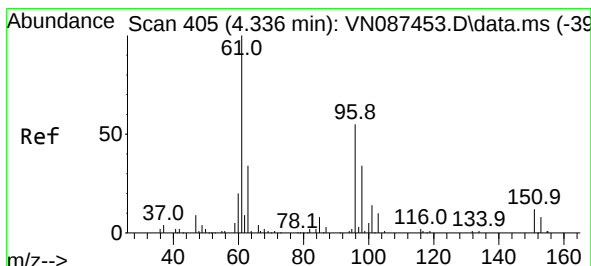
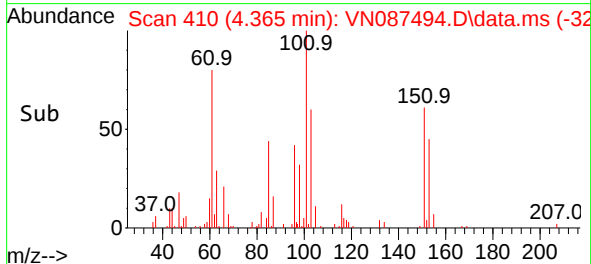
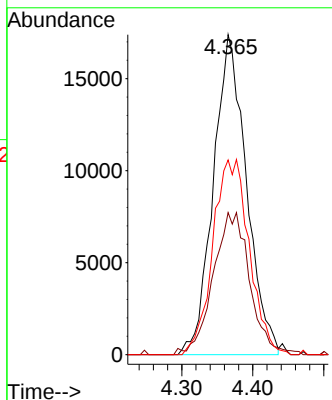
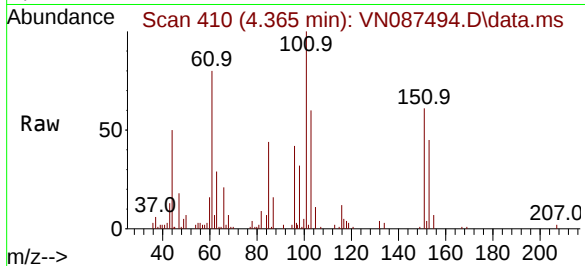




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.618 ug/l
 RT: 4.365 min Scan# 411
 Delta R.T. -0.006 min
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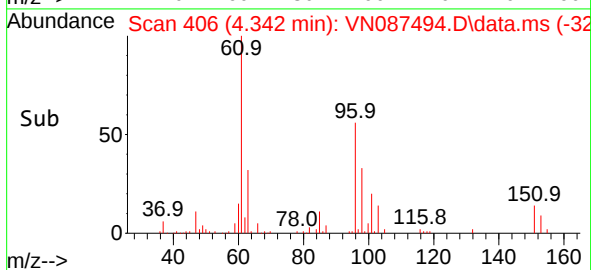
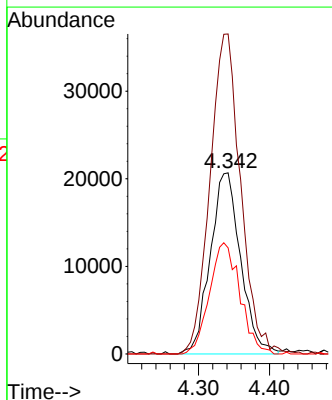
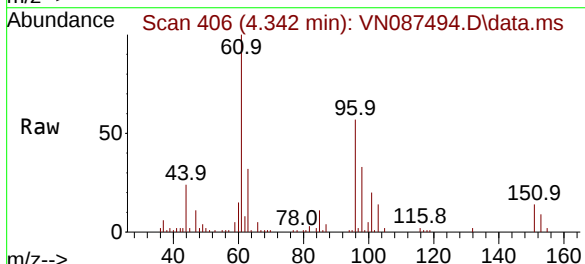
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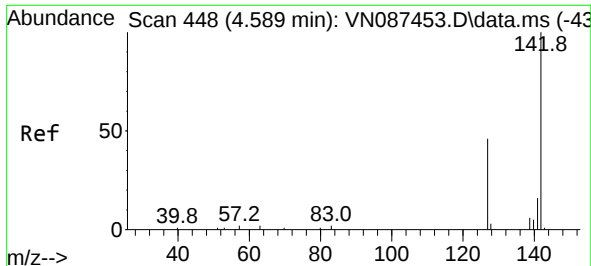
Tgt Ion:101 Resp: 56243
 Ion Ratio Lower Upper
 101 100
 85 48.7 0.0 57.0
 151 38.1 0.0 134.2



#10
 1,1-Dichloroethene
 Concen: 19.338 ug/l
 RT: 4.342 min Scan# 406
 Delta R.T. 0.006 min
 Lab File: VN087494.D
 Acq: 08 Aug 2025 10:39

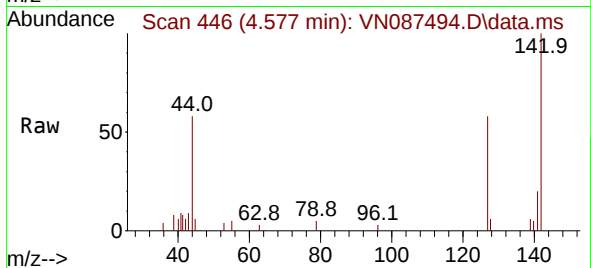
Tgt Ion: 96 Resp: 61361
 Ion Ratio Lower Upper
 96 100
 61 176.7 144.2 216.4
 98 58.6 49.7 74.5



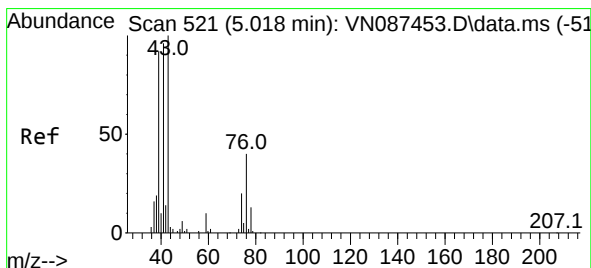
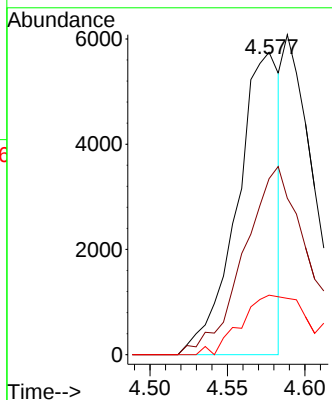
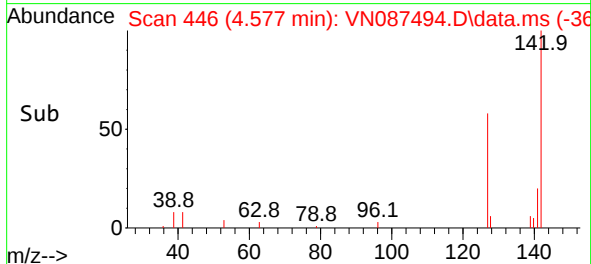


#11
Methyl Iodide
Concen: 4.396 ug/l
RT: 4.577 min Scan# 448
Delta R.T. -0.012 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

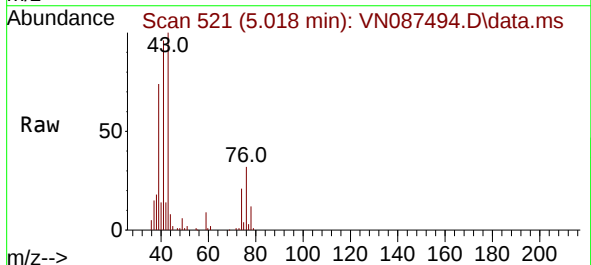
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



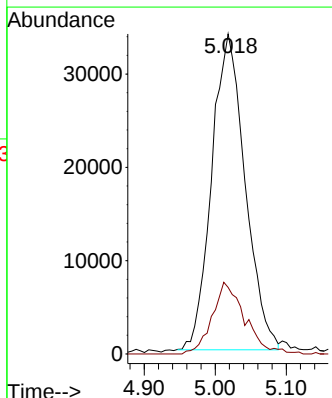
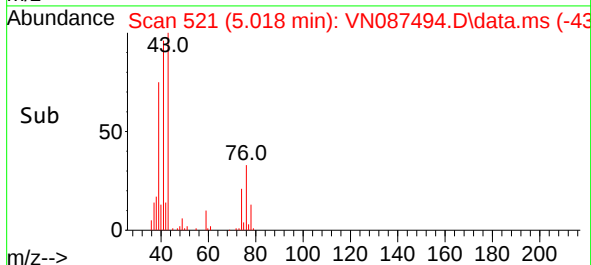
Tgt Ion:142 Resp: 10982
Ion Ratio Lower Upper
142 100
127 50.7 22.9 68.7
141 18.9 7.7 23.1

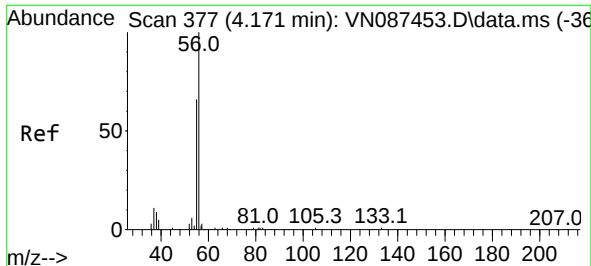


#12
Methyl Acetate
Concen: 18.897 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39



Tgt Ion: 43 Resp: 110652
Ion Ratio Lower Upper
43 100
74 20.6 16.0 24.0

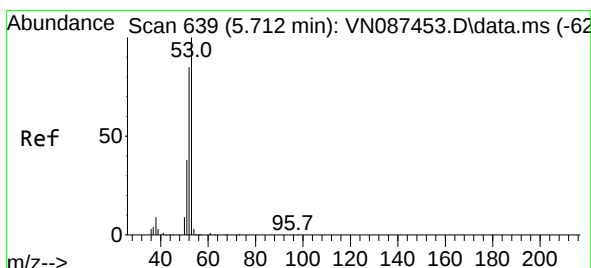
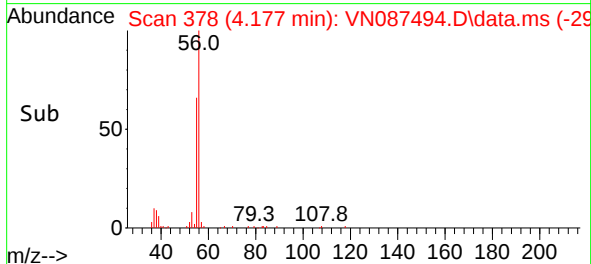
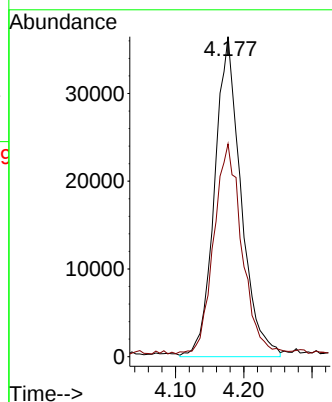
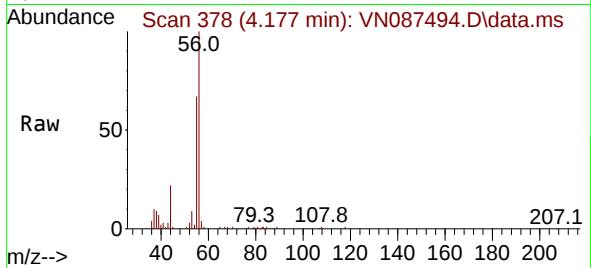




#13
Acrolein
Concen: 109.897 ug/l
RT: 4.177 min Scan# 377
Delta R.T. 0.006 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

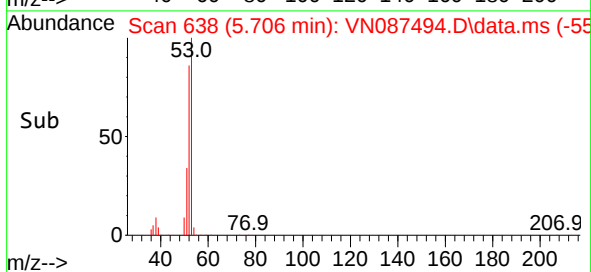
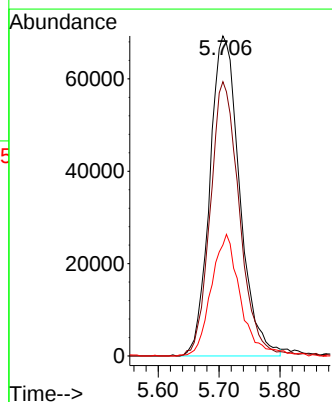
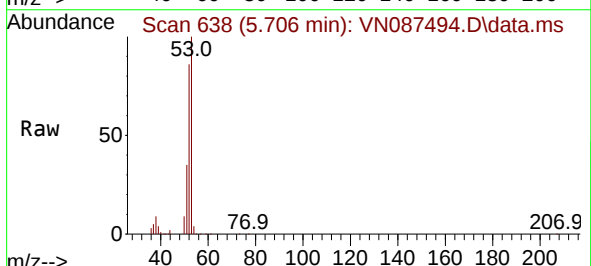
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 56 Resp: 98286
Ion Ratio Lower Upper
56 100
55 70.3 57.4 86.0



#14
Acrylonitrile
Concen: 92.135 ug/l
RT: 5.706 min Scan# 638
Delta R.T. -0.006 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

Tgt Ion: 53 Resp: 235581
Ion Ratio Lower Upper
53 100
52 83.1 42.4 127.2
51 35.6 18.5 55.5

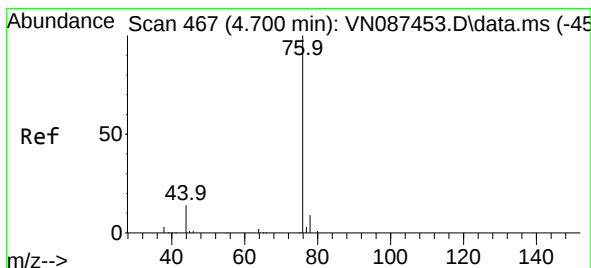
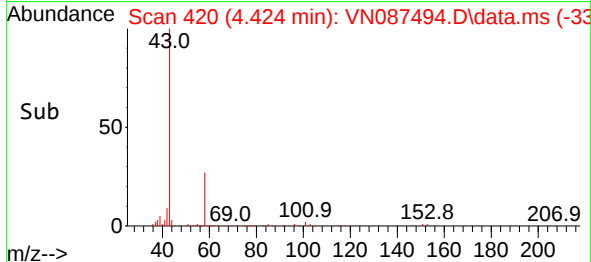
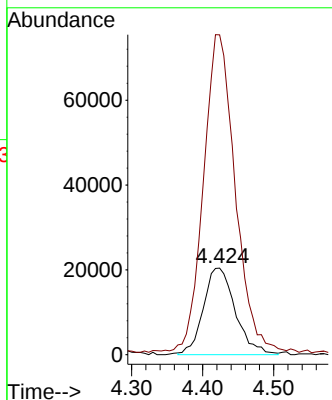
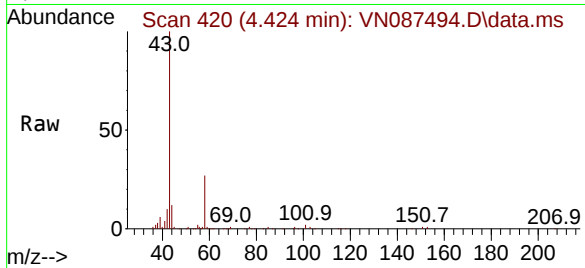




#15
Acetone
Concen: 87.330 ug/l
RT: 4.424 min Scan# 419
Delta R.T. 0.006 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

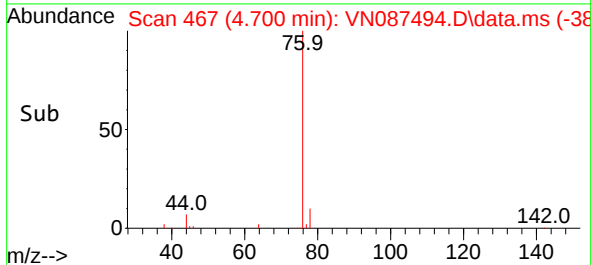
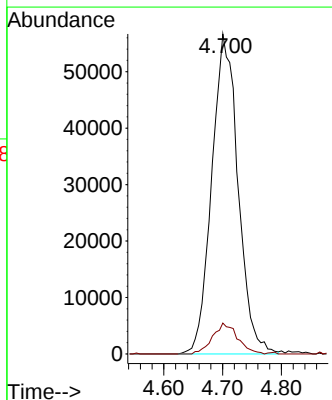
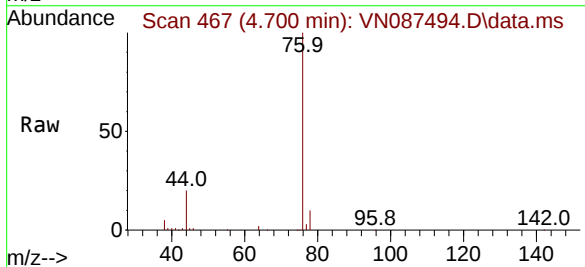
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

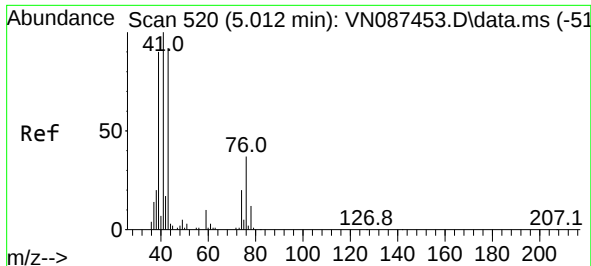
Tgt Ion: 58 Resp: 63801
Ion Ratio Lower Upper
58 100
43 368.7 268.9 403.3



#16
Carbon Disulfide
Concen: 17.902 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.000 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

Tgt Ion: 76 Resp: 176208
Ion Ratio Lower Upper
76 100
78 9.7 7.1 10.7

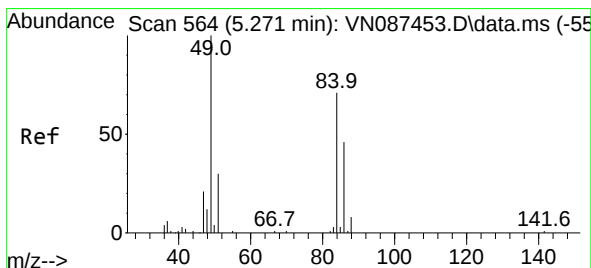
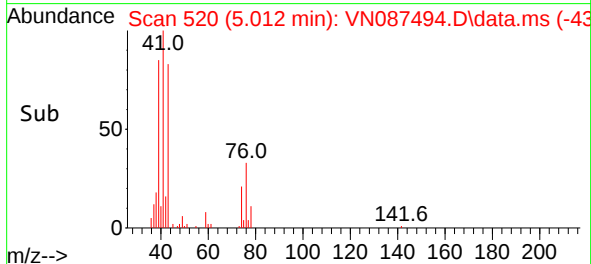
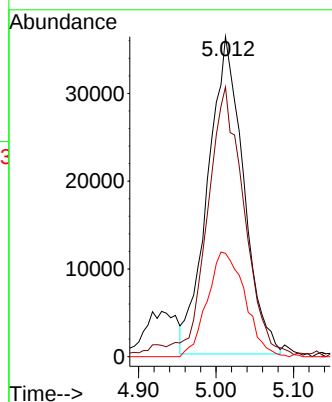
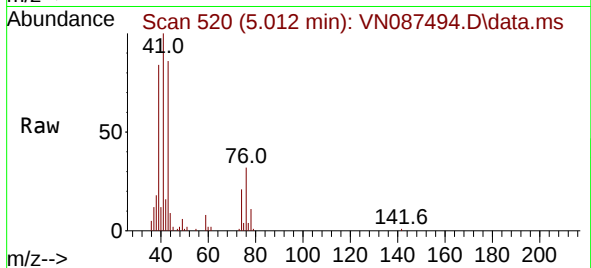




#17
Allyl chloride
Concen: 17.874 ug/l
RT: 5.012 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

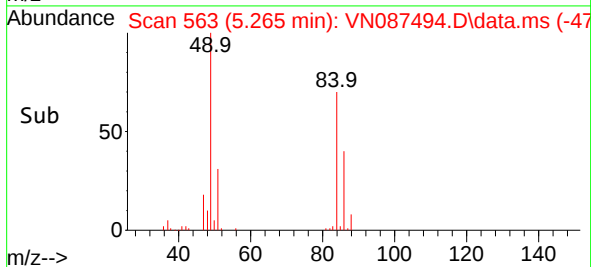
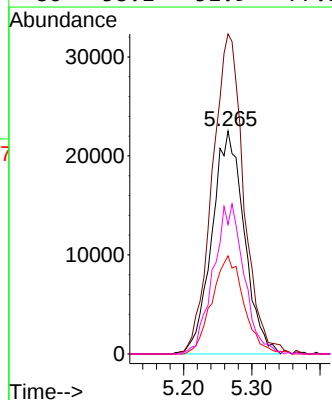
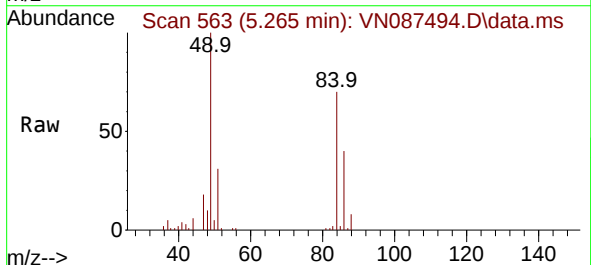
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

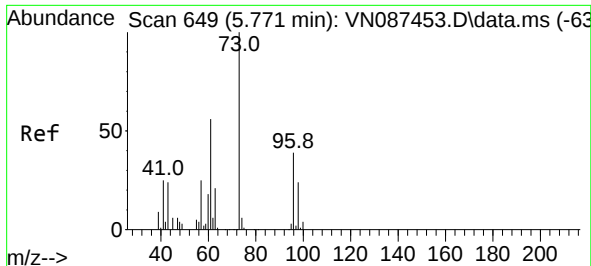
Tgt Ion: 41 Resp: 115603
Ion Ratio Lower Upper
41 100
39 83.3 42.4 127.2
76 33.0 16.9 50.6



#18
Methylene Chloride
Concen: 18.116 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.006 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

Tgt Ion: 84 Resp: 74001
Ion Ratio Lower Upper
84 100
49 142.6 112.9 169.3
51 44.0 33.8 50.8
86 58.1 51.9 77.9

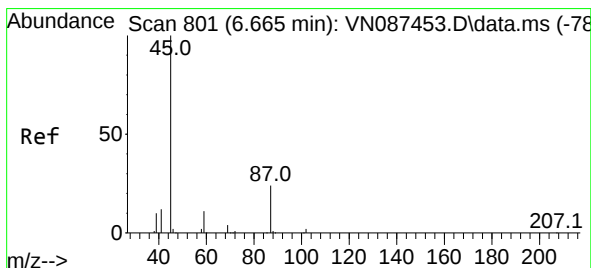
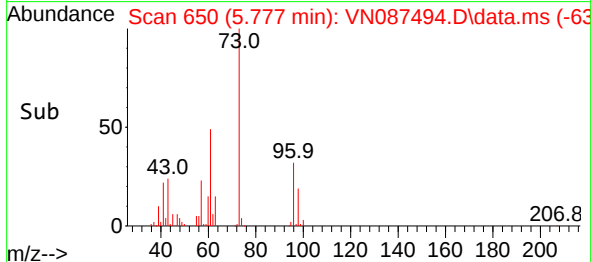
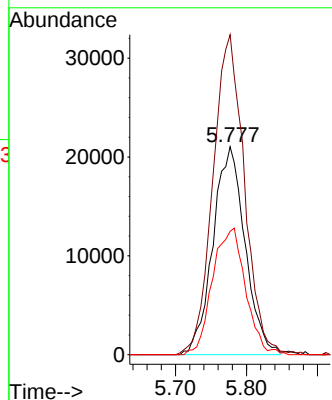
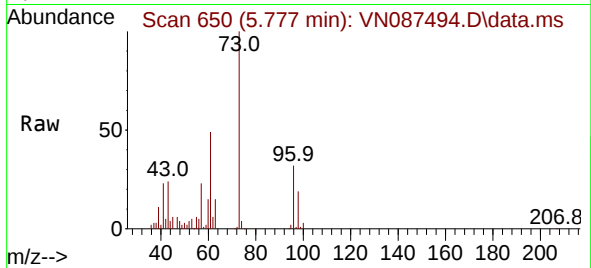




#19
trans-1,2-Dichloroethene
Concen: 17.512 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

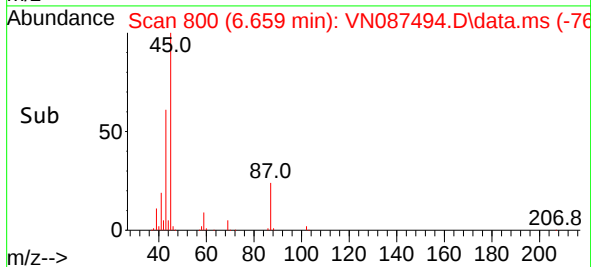
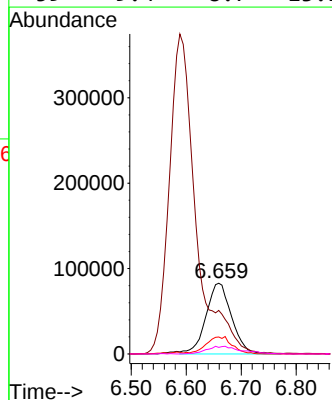
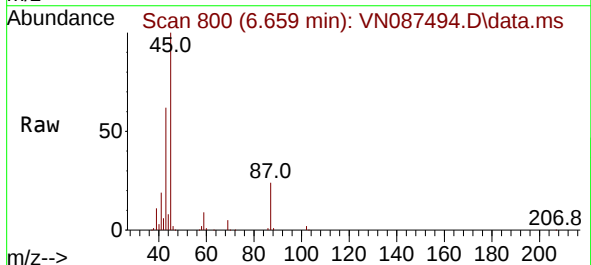
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 96 Resp: 66079
Ion Ratio Lower Upper
96 100
61 153.0 114.2 171.4
98 59.3 48.7 73.1



#20
Diisopropyl ether
Concen: 18.135 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.006 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

Tgt Ion: 45 Resp: 267198
Ion Ratio Lower Upper
45 100
43 60.8 44.7 67.1
87 24.0 20.2 30.2
59 9.4 8.7 13.1





#21

1,1-Dichloroethane

Concen: 18.332 ug/l

RT: 6.553 min Scan# 782

Delta R.T. -0.000 min

Lab File: VN087494.D

Acq: 08 Aug 2025 10:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

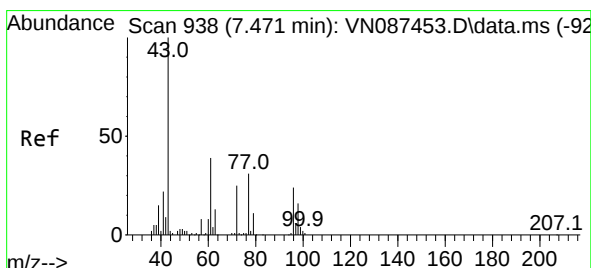
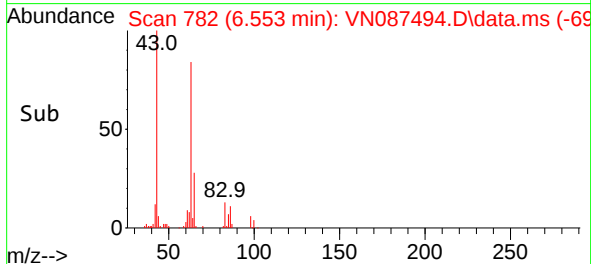
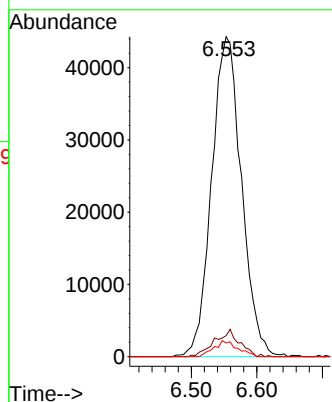
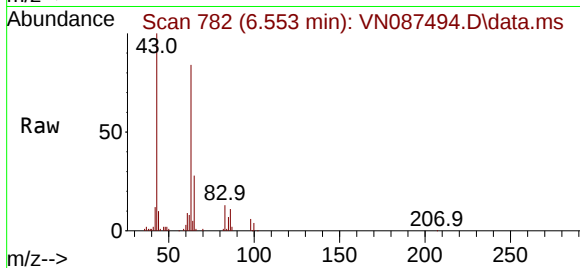
Tgt Ion: 63 Resp: 139614

Ion Ratio Lower Upper

63 100

98 6.6 3.0 9.0

100 4.3 1.9 5.7



#22

cis-1,2-Dichloroethene

Concen: 18.305 ug/l

RT: 7.471 min Scan# 938

Delta R.T. -0.000 min

Lab File: VN087494.D

Acq: 08 Aug 2025 10:39

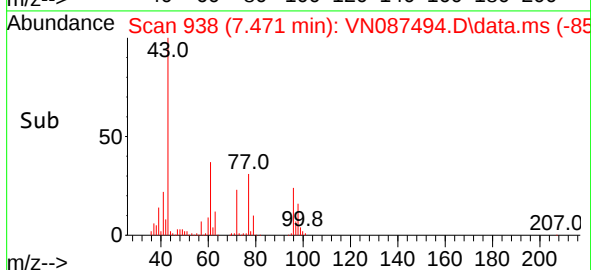
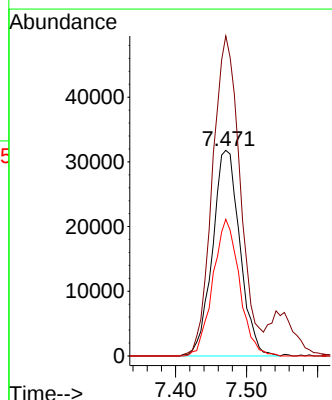
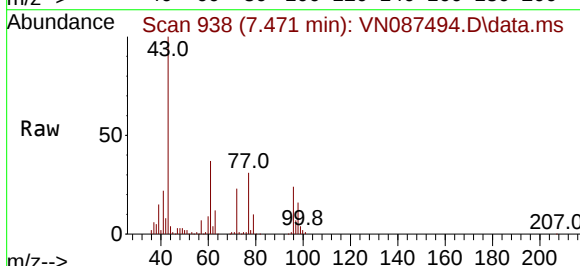
Tgt Ion: 96 Resp: 84988

Ion Ratio Lower Upper

96 100

61 158.1 126.6 190.0

98 64.6 50.9 76.3

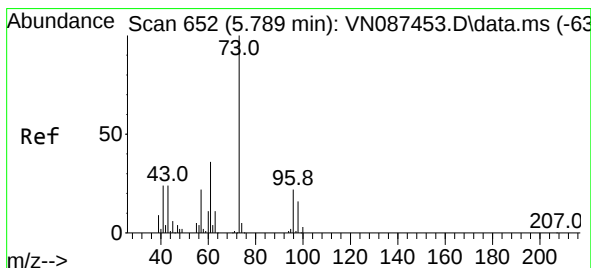
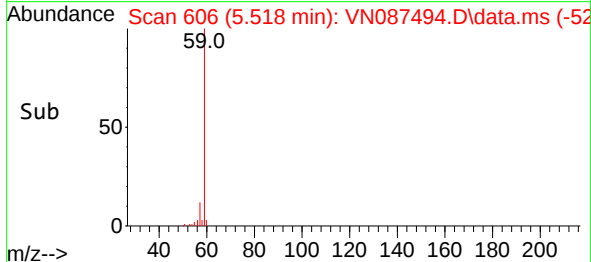
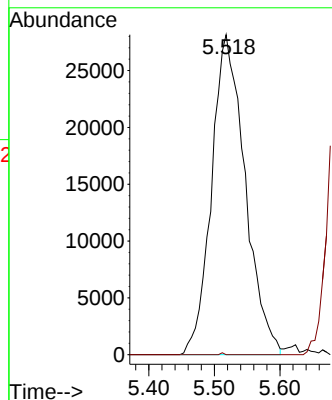
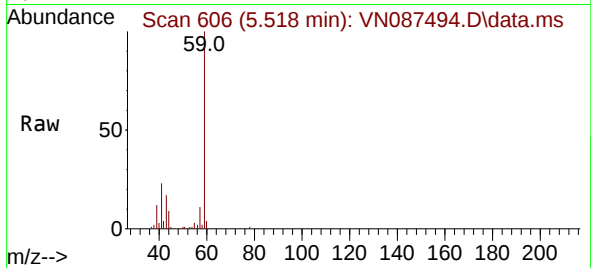




#23
tert-Butyl Alcohol
Concen: 91.974 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

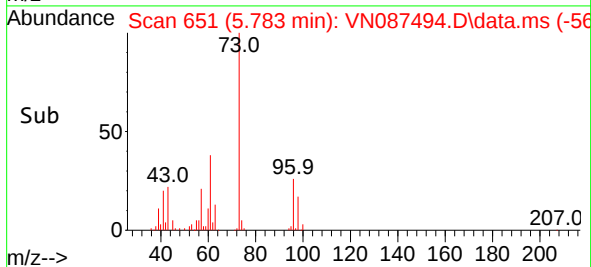
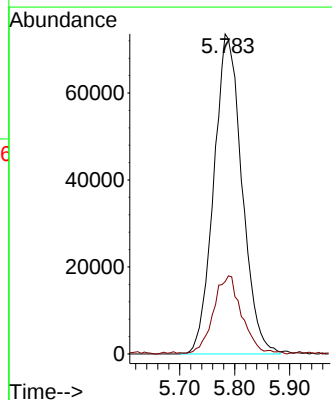
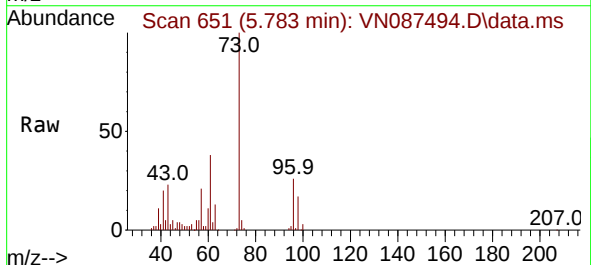
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

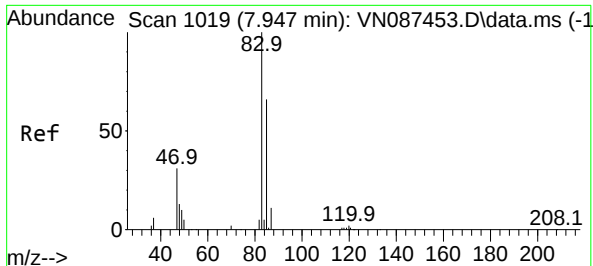
Tgt Ion: 59 Resp: 99931
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 18.100 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

Tgt Ion: 73 Resp: 261709
Ion Ratio Lower Upper
73 100
43 0.0 19.9 29.9#

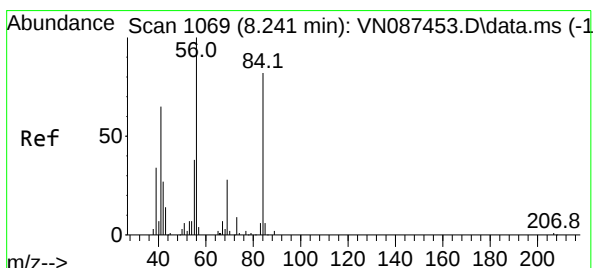
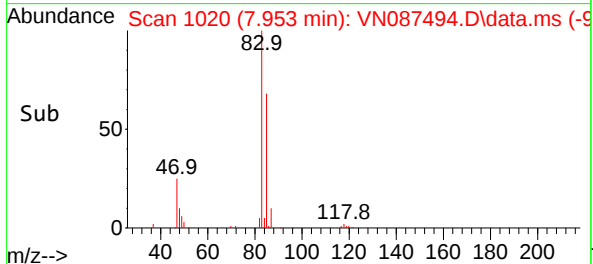
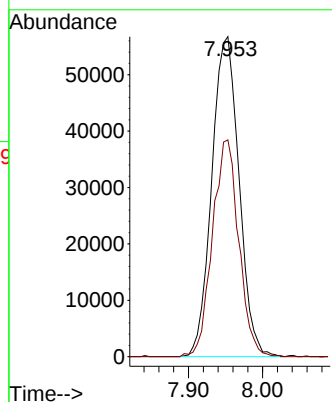
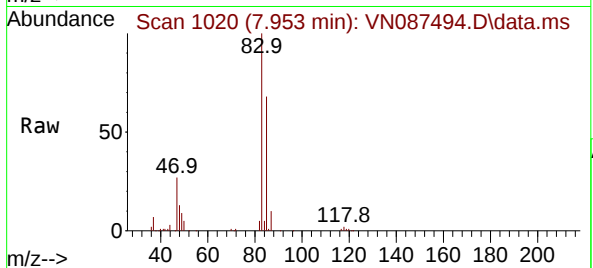




#25
Chloroform
Concen: 18.238 ug/l
RT: 7.953 min Scan# 1020
Delta R.T. 0.006 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

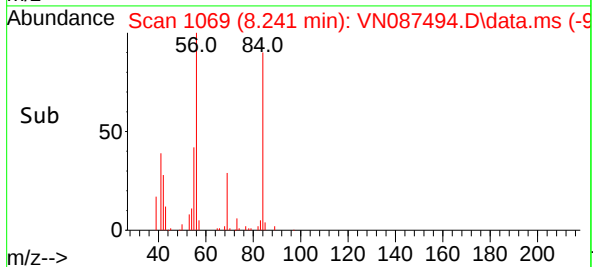
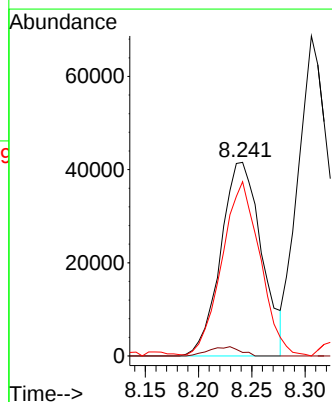
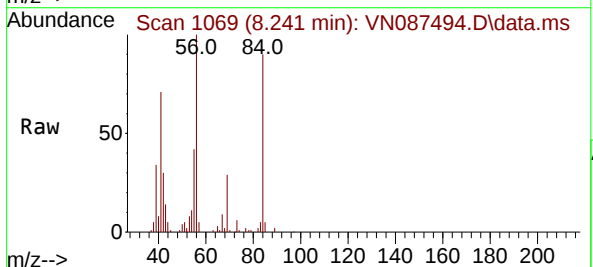
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

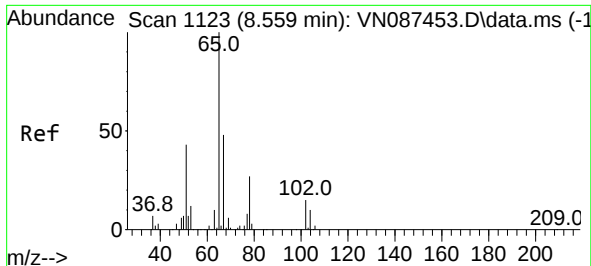
Tgt Ion: 83 Resp: 144983
Ion Ratio Lower Upper
83 100
85 67.7 52.6 78.8



#26
Cyclohexane
Concen: 18.119 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

Tgt Ion: 56 Resp: 110483
Ion Ratio Lower Upper
56 100
89 3.6 2.3 3.5#
84 84.7 67.0 100.4

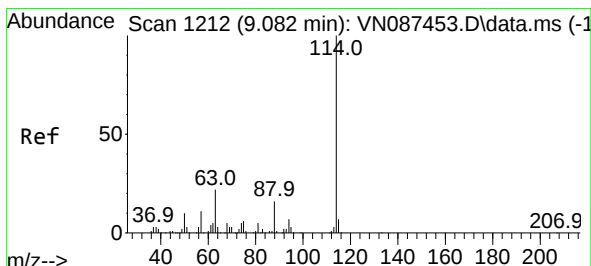
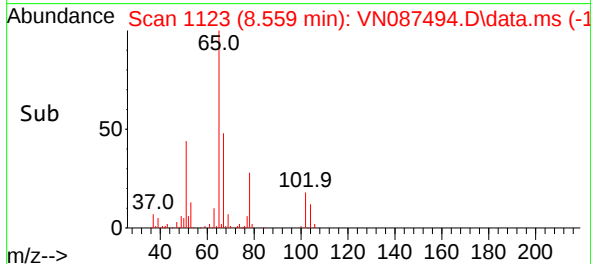
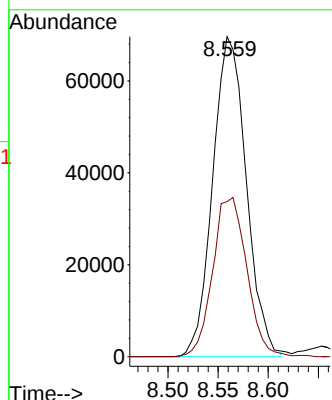
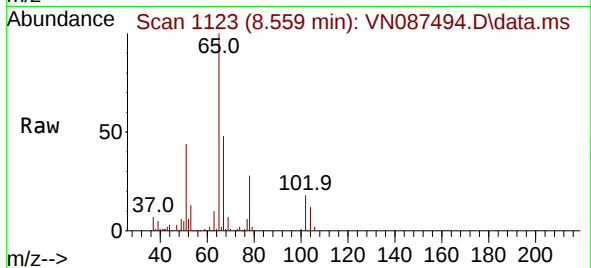




#27
1,2-Dichloroethane-d4
Concen: 30.322 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

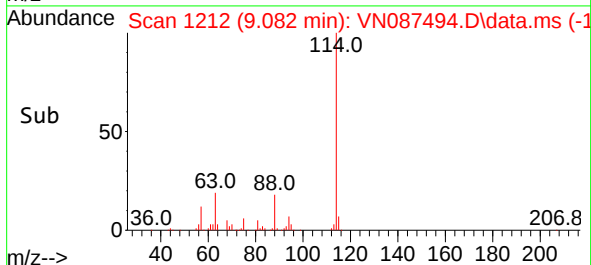
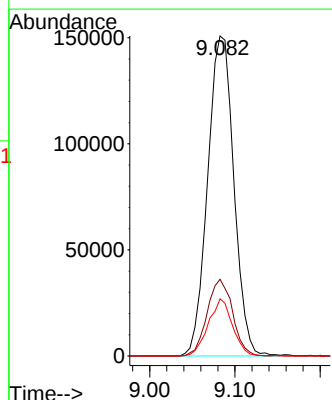
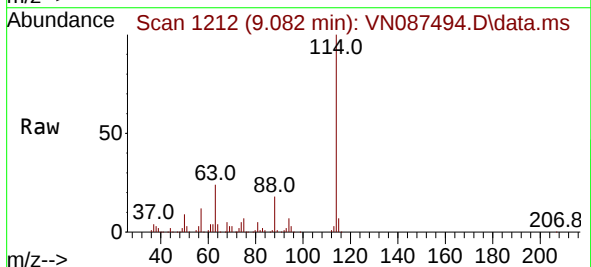
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 65 Resp: 162032
Ion Ratio Lower Upper
65 100
67 50.5 40.8 61.2



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

Tgt Ion: 114 Resp: 323175
Ion Ratio Lower Upper
114 100
63 23.2 18.9 28.3
88 16.5 13.1 19.7

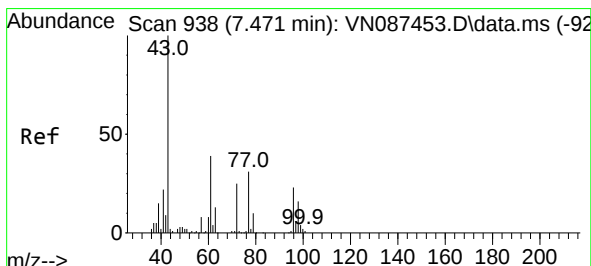
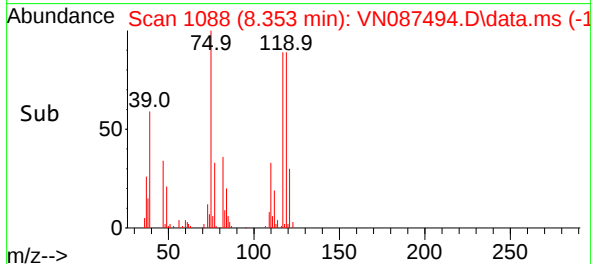
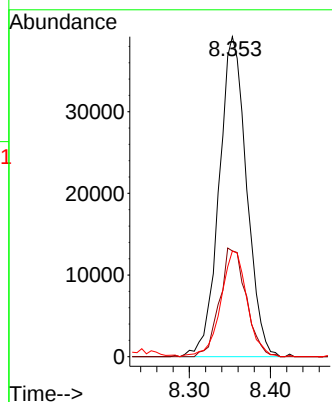
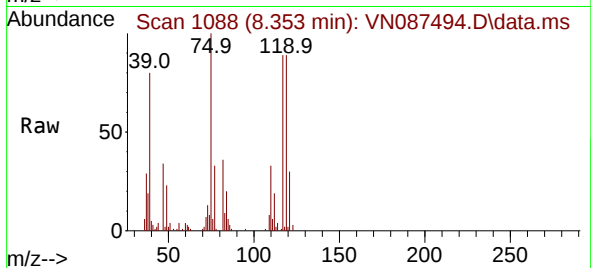




#29
1,1-Dichloropropene
Concen: 17.536 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

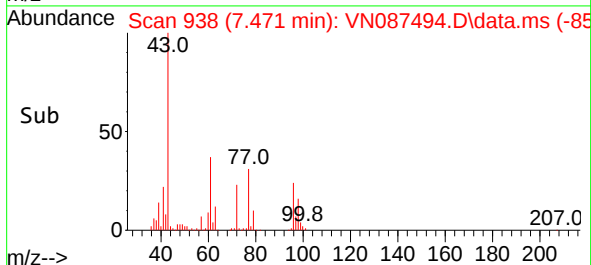
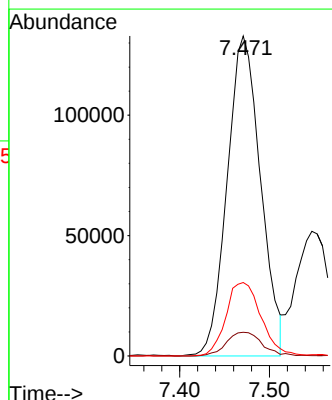
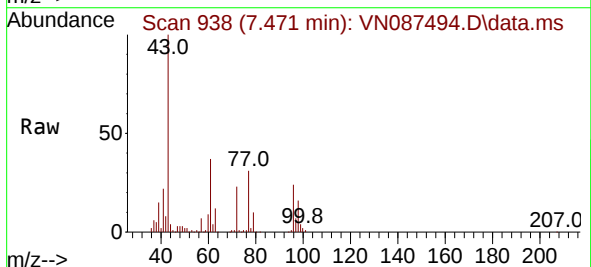
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

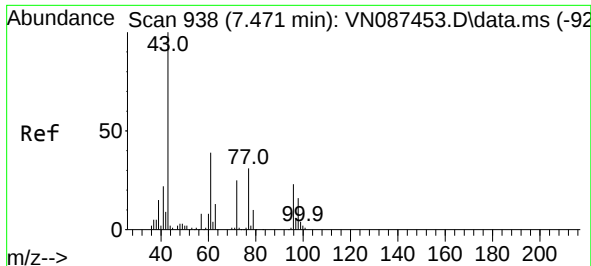
Tgt Ion: 75 Resp: 92431
Ion Ratio Lower Upper
75 100
110 32.6 0.0 65.8
77 31.5 0.0 63.6



#30
2-Butanone
Concen: 88.479 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

Tgt Ion: 43 Resp: 343770
Ion Ratio Lower Upper
43 100
57 7.7 6.6 9.8
72 24.1 19.7 29.5

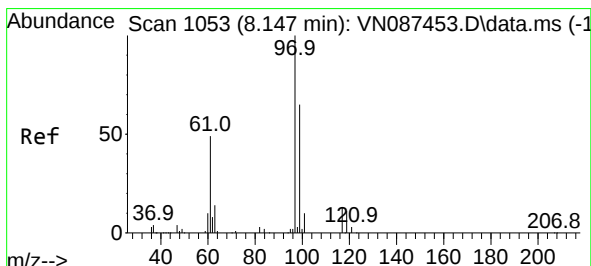
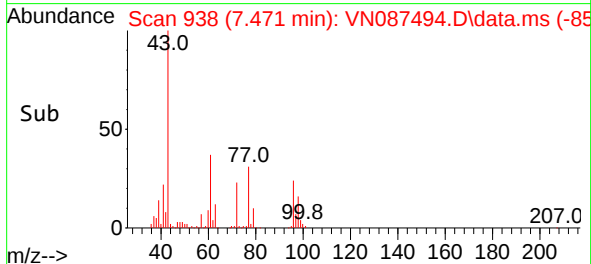
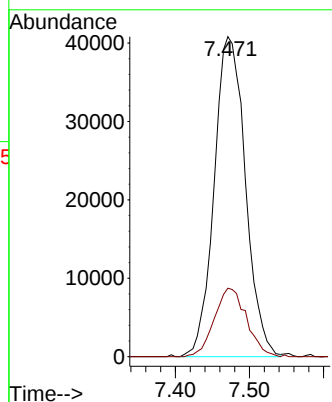
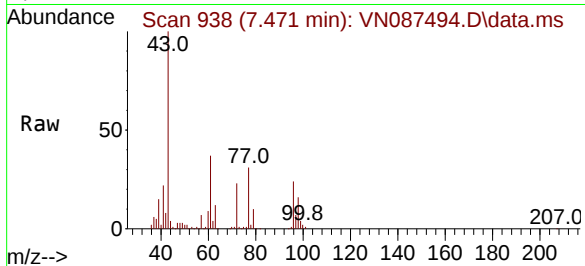




#31
2,2-Dichloropropane
Concen: 17.562 ug/l
RT: 7.471 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

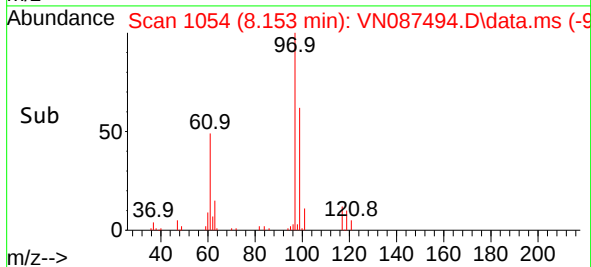
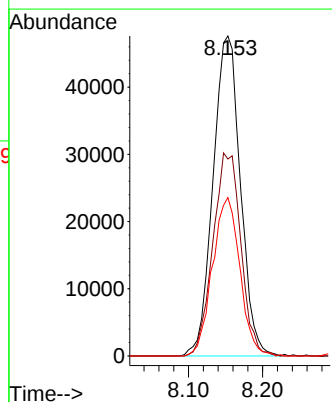
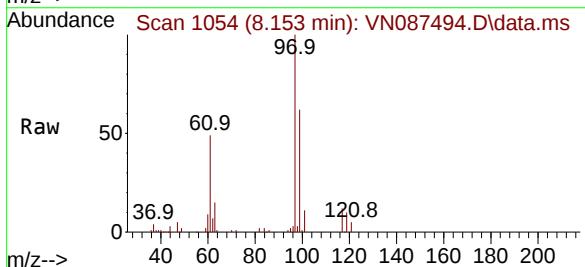
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

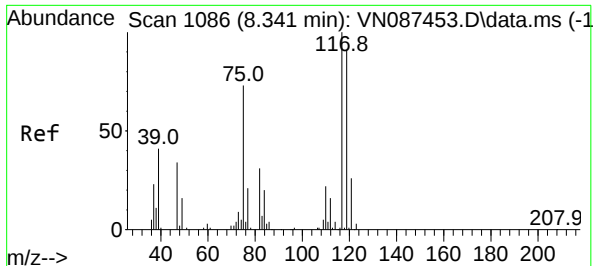
Tgt Ion: 77 Resp: 119393
Ion Ratio Lower Upper
77 100
97 22.0 16.7 25.1



#32
1,1,1-Trichloroethane
Concen: 18.161 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

Tgt Ion: 97 Resp: 122090
Ion Ratio Lower Upper
97 100
99 64.7 53.0 79.6
61 49.6 40.6 61.0

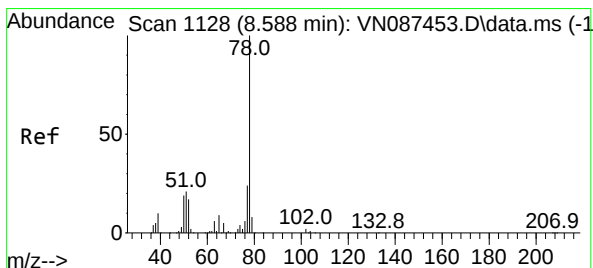
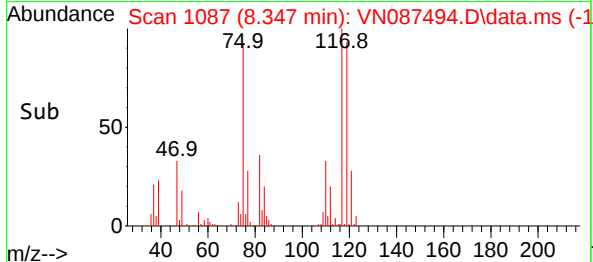
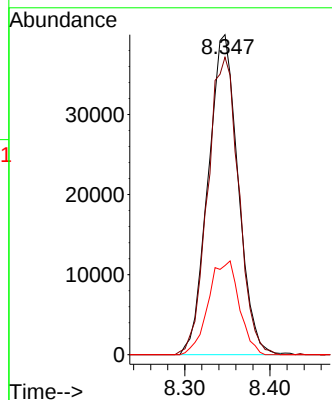
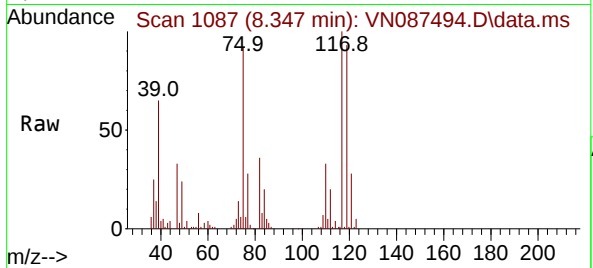




#33
Carbon Tetrachloride
Concen: 17.525 ug/l
RT: 8.347 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

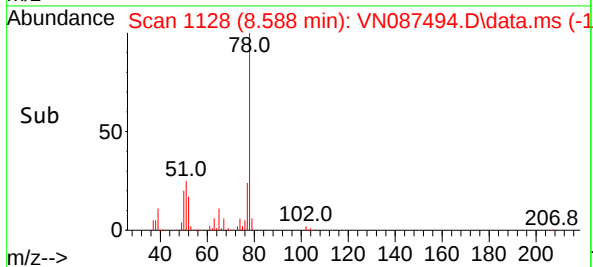
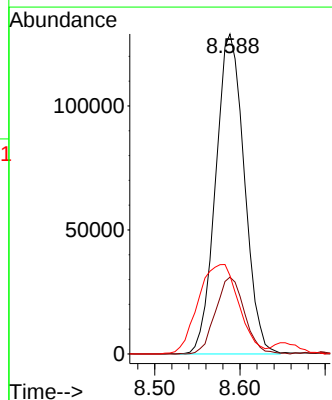
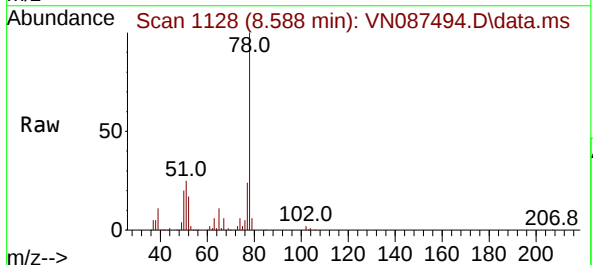
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:117 Resp: 97873
Ion Ratio Lower Upper
117 100
119 93.0 73.4 110.0
121 27.9 21.1 31.7



#34
Benzene
Concen: 18.114 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

Tgt Ion: 78 Resp: 301392
Ion Ratio Lower Upper
78 100
77 23.9 19.2 28.8
51 22.4 16.9 25.3

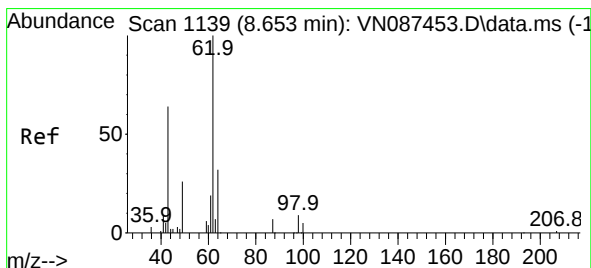
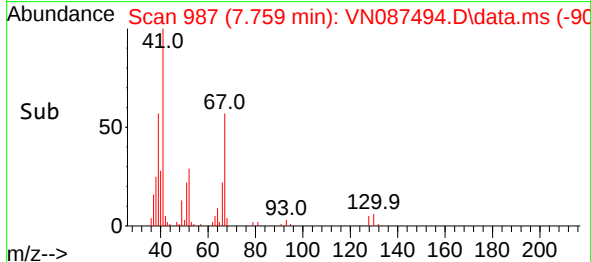
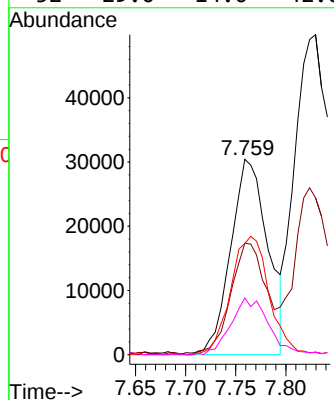
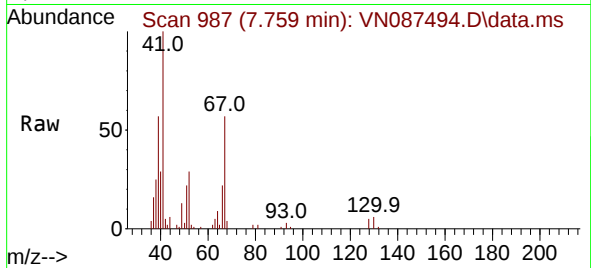




#35
Methacrylonitrile
Concen: 18.738 ug/l
RT: 7.759 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

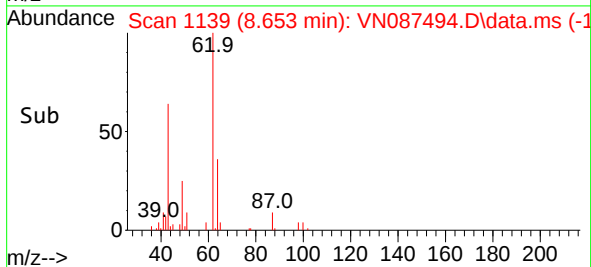
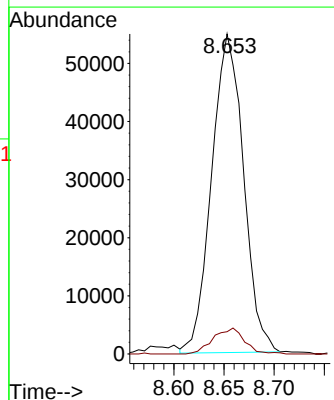
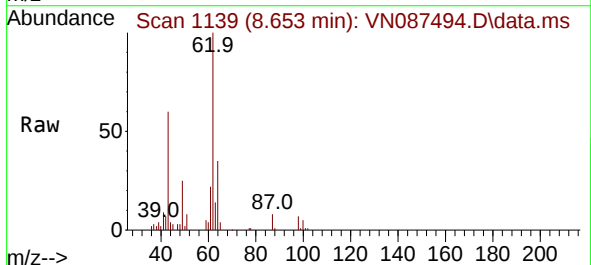
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:	41	Resp:	78564
Ion	Ratio	Lower	Upper
41	100		
39	56.6	30.1	90.5
67	56.4	32.0	96.2
52	29.0	14.0	42.0



#36
1,2-Dichloroethane
Concen: 18.062 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

Tgt Ion:	62	Resp:	121470
Ion	Ratio	Lower	Upper
62	100		
98	7.9	6.6	9.8

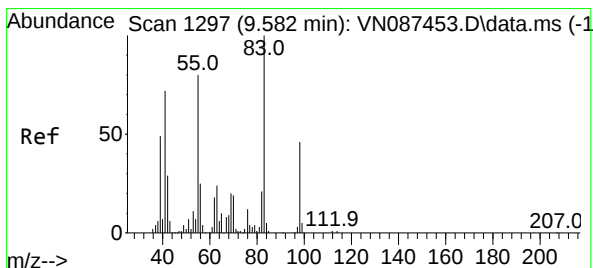
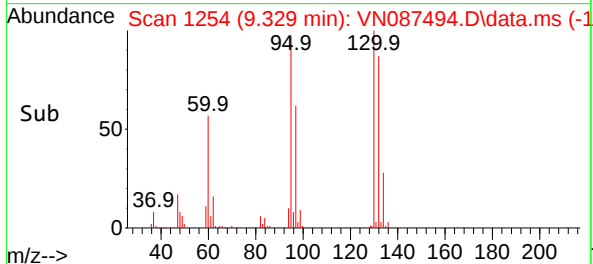
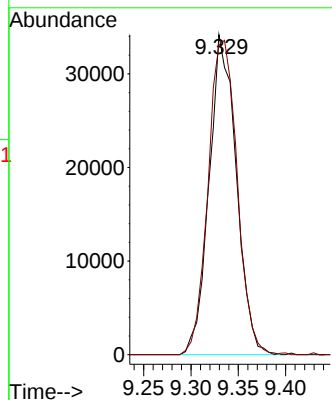
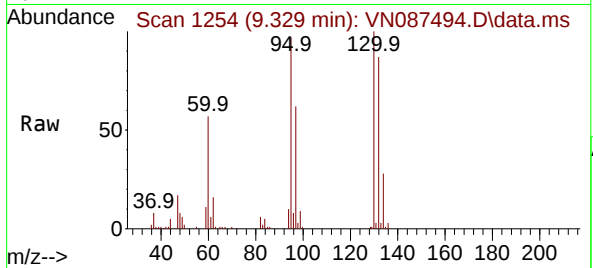




#37
Trichloroethene
Concen: 18.604 ug/l
RT: 9.329 min Scan# 1254
Delta R.T. -0.006 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

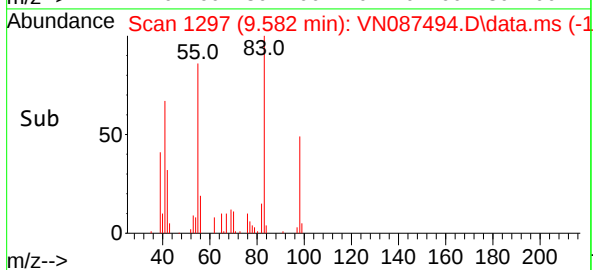
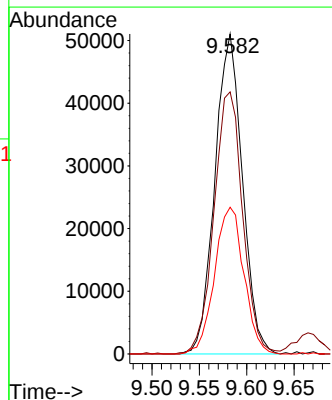
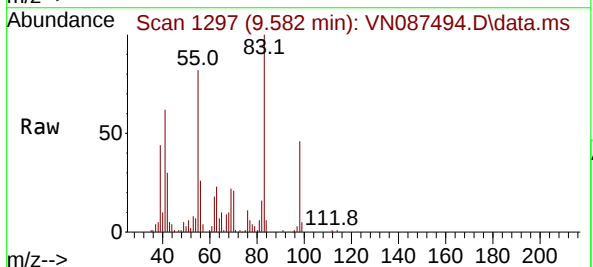
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

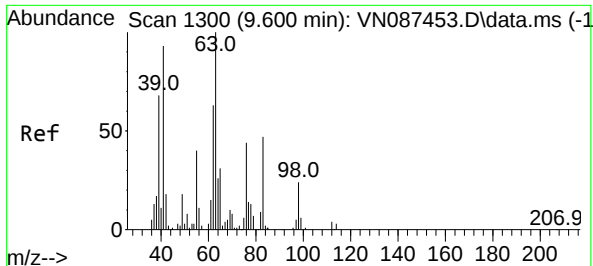
Tgt Ion:130 Resp: 68187
Ion Ratio Lower Upper
130 100
95 96.8 91.4 137.2



#38
Methylcyclohexane
Concen: 16.890 ug/l
RT: 9.582 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

Tgt Ion: 83 Resp: 103280
Ion Ratio Lower Upper
83 100
55 85.5 41.2 123.6
98 48.9 23.3 69.9





#39

1,2-Dichloropropane

Concen: 18.333 ug/l

RT: 9.600 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087494.D

Acq: 08 Aug 2025 10:39

Instrument :

MSVOA_N

ClientSampleId :

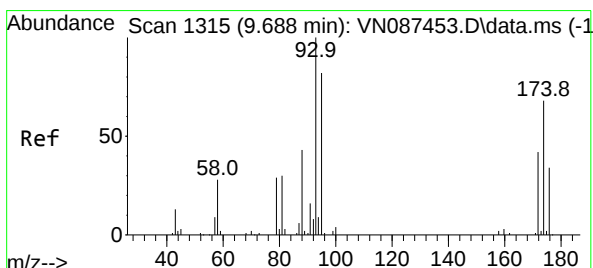
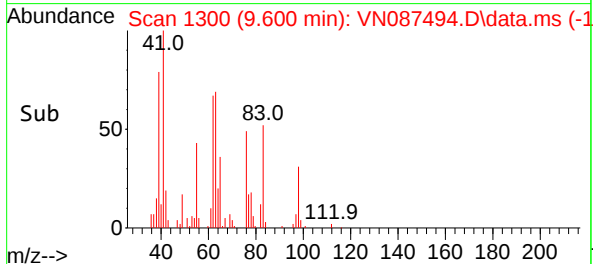
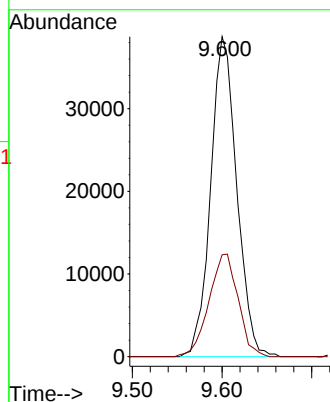
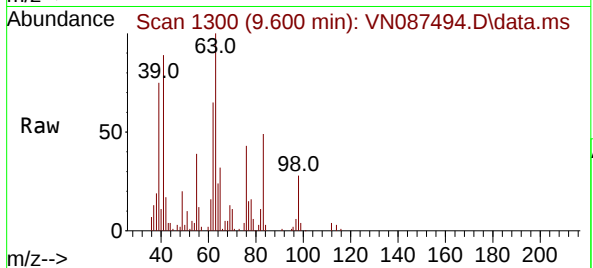
VSTDCCC020

Tgt Ion: 63 Resp: 78211

Ion Ratio Lower Upper

63 100

65 31.8 24.6 36.8



#40

Dibromomethane

Concen: 18.086 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN087494.D

Acq: 08 Aug 2025 10:39

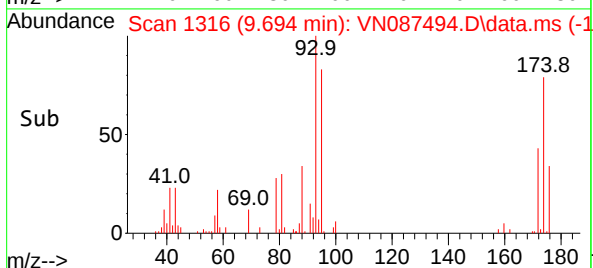
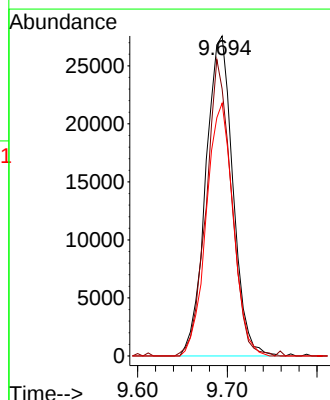
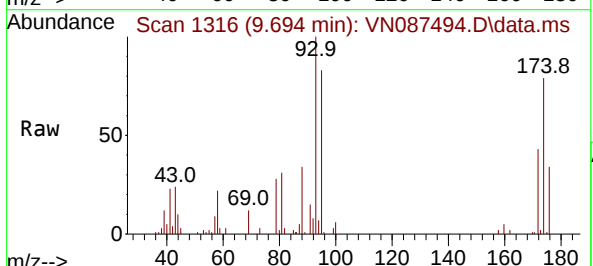
Tgt Ion: 93 Resp: 57890

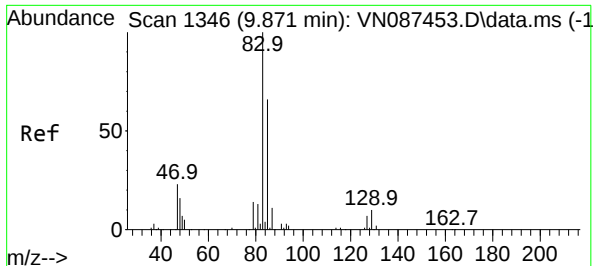
Ion Ratio Lower Upper

93 100

95 86.0 0.0 161.6

174 78.4 0.0 151.4

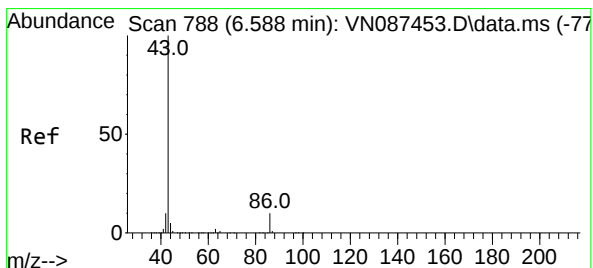
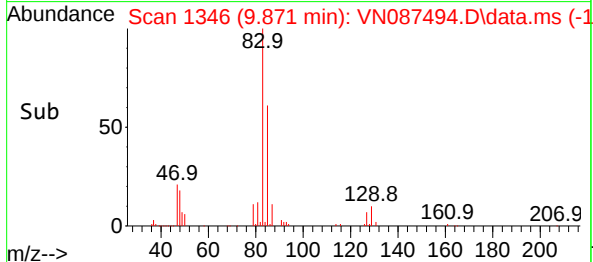
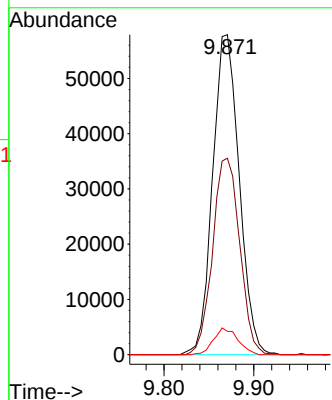
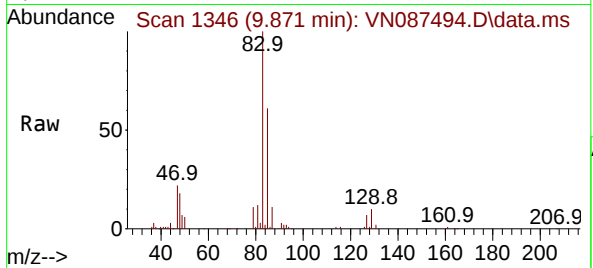




#41
Bromodichloromethane
Concen: 17.901 ug/l
RT: 9.871 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

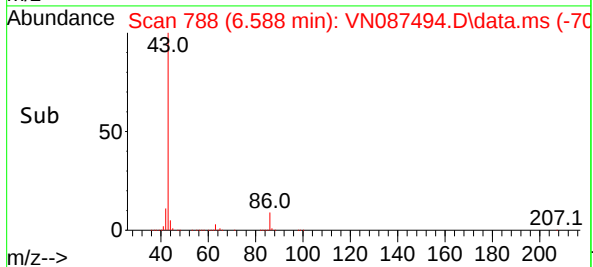
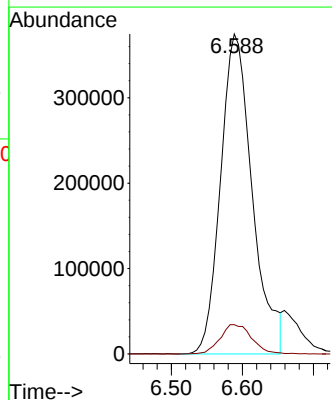
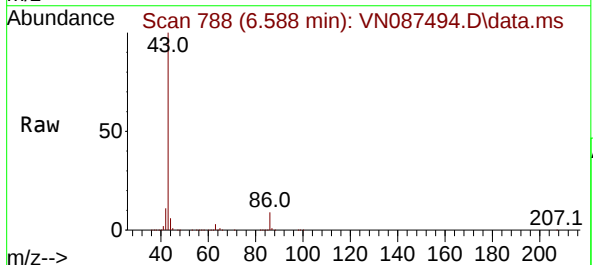
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

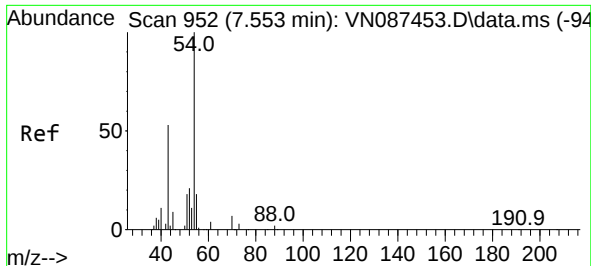
Tgt Ion: 83 Resp: 119063
Ion Ratio Lower Upper
83 100
85 61.4 52.9 79.3
127 7.3 5.8 8.6



#42
Vinyl Acetate
Concen: 90.774 ug/l
RT: 6.588 min Scan# 788
Delta R.T. -0.000 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

Tgt Ion: 43 Resp: 1161466
Ion Ratio Lower Upper
43 100
86 9.2 7.3 10.9

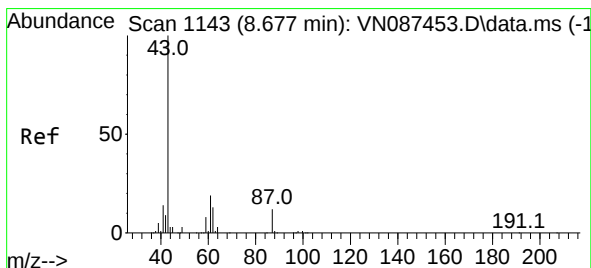
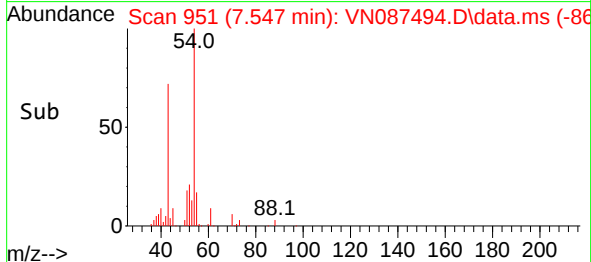
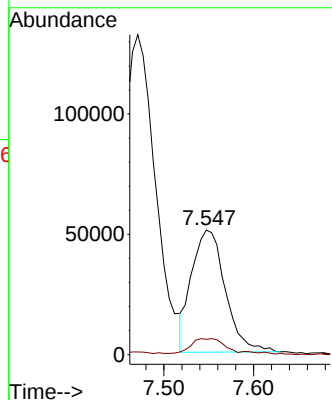
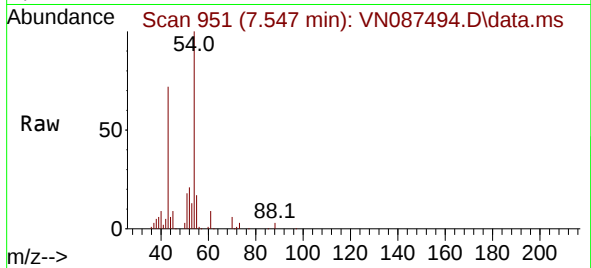




#43
Ethyl Acetate
Concen: 17.607 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

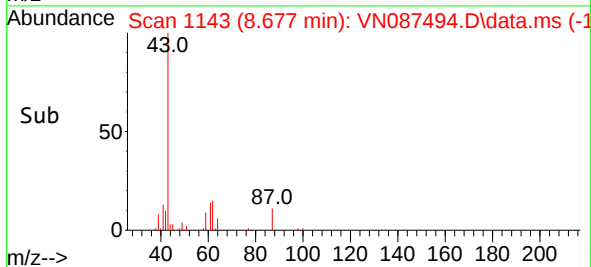
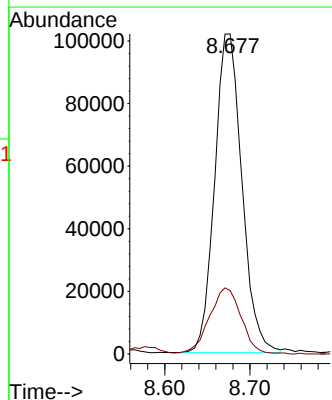
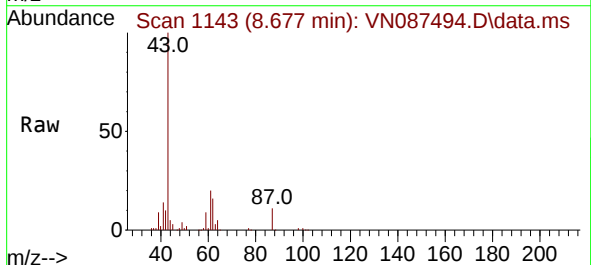
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

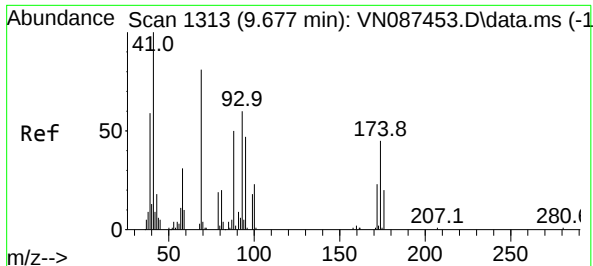
Tgt Ion: 43 Resp: 132158
Ion Ratio Lower Upper
43 100
45 6.0 11.1 16.7#



#44
Isopropyl Acetate
Concen: 17.756 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

Tgt Ion: 43 Resp: 225914
Ion Ratio Lower Upper
43 100
61 24.2 18.6 28.0

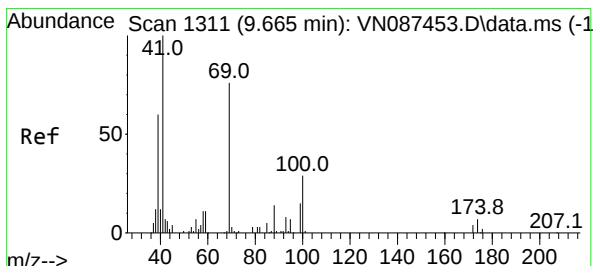
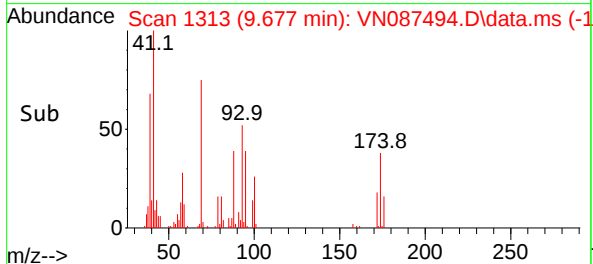
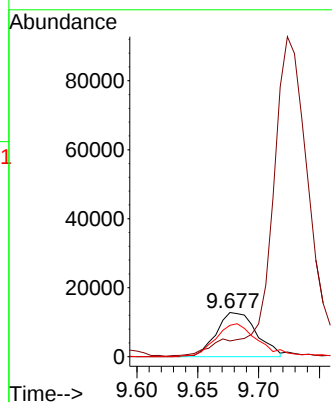
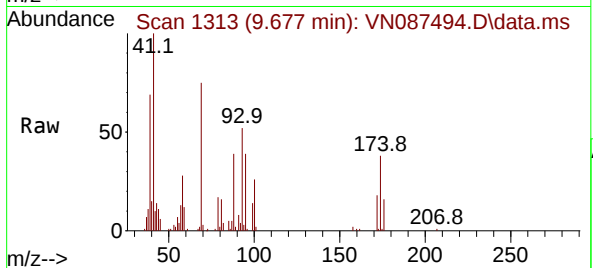




#45
1,4-Dioxane
Concen: 364.360 ug/l
RT: 9.677 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

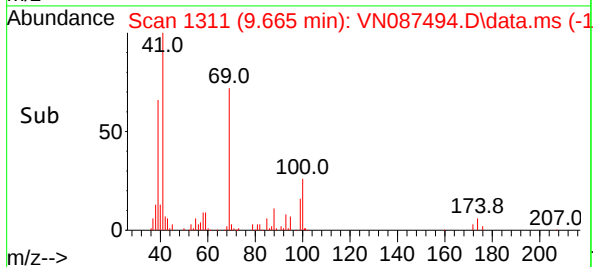
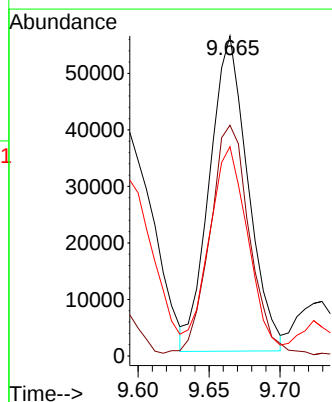
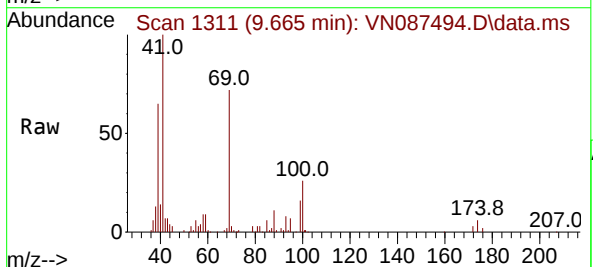
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

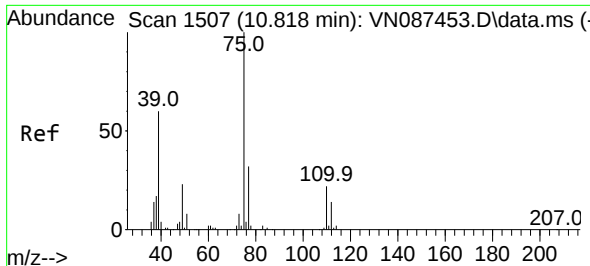
Tgt Ion: 88 Resp: 29554
Ion Ratio Lower Upper
88 100
43 22.7 24.1 36.1#
58 81.5 57.2 85.8



#46
Methyl methacrylate
Concen: 17.475 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

Tgt Ion: 41 Resp: 104953
Ion Ratio Lower Upper
41 100
69 75.2 37.1 111.5
39 66.2 30.7 92.1

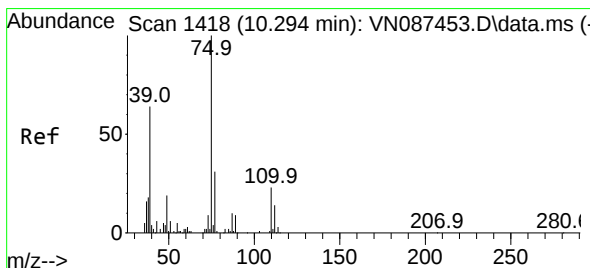
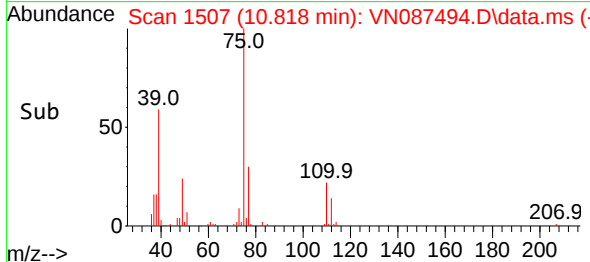
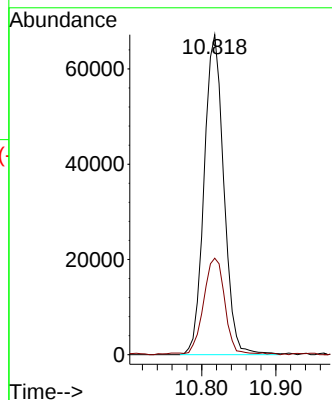
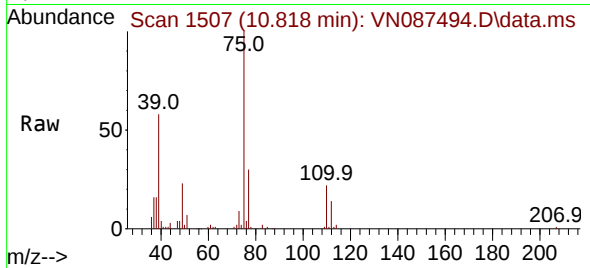




#48
t-1,3-Dichloropropene
Concen: 17.145 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

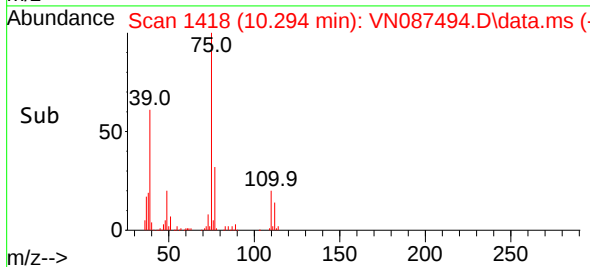
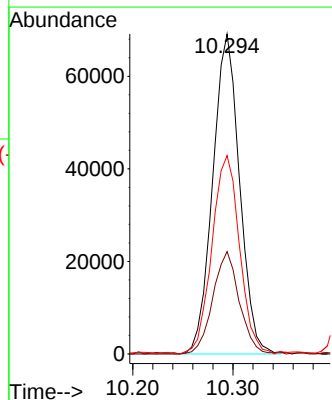
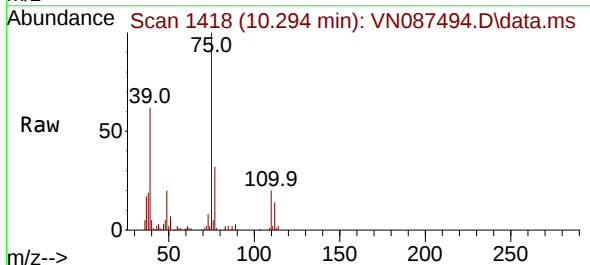
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

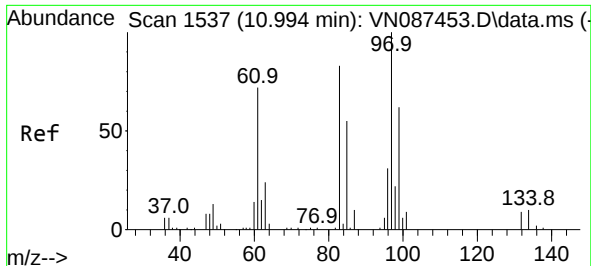
Tgt Ion: 75 Resp: 124062
Ion Ratio Lower Upper
75 100
77 30.1 25.3 37.9



#49
cis-1,3-Dichloropropene
Concen: 17.643 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

Tgt Ion: 75 Resp: 128478
Ion Ratio Lower Upper
75 100
77 32.0 24.6 36.8
39 62.0 51.5 77.3

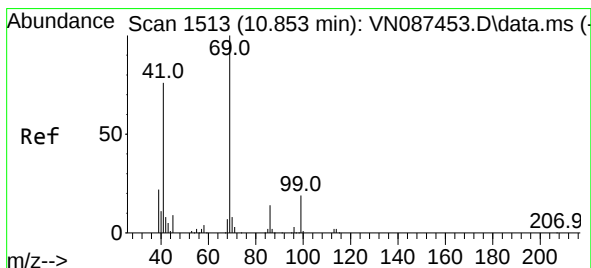
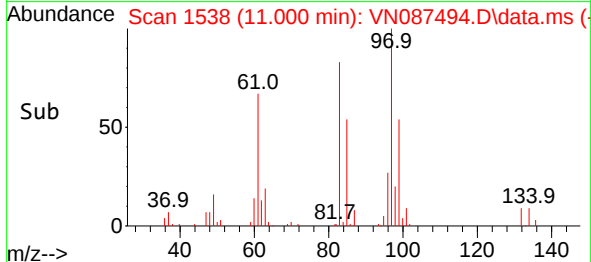
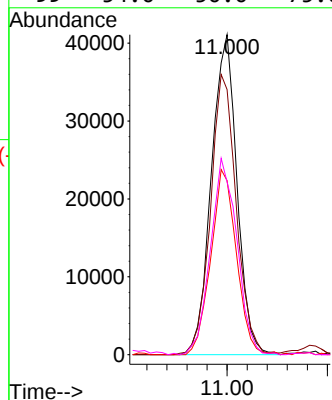
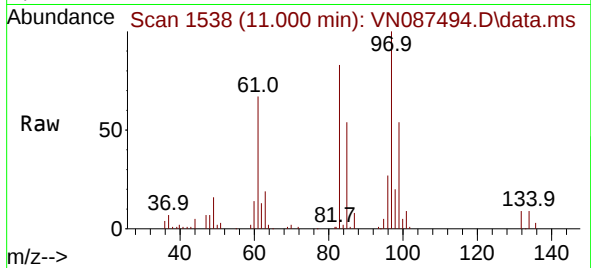




#50
1,1,2-Trichloroethane
Concen: 18.020 ug/l
RT: 11.000 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

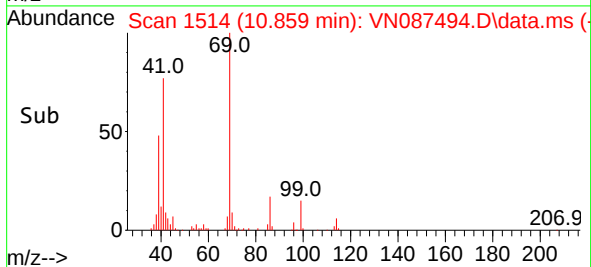
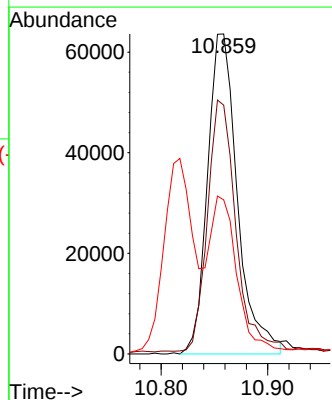
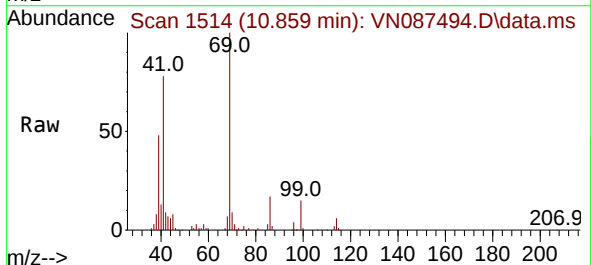
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

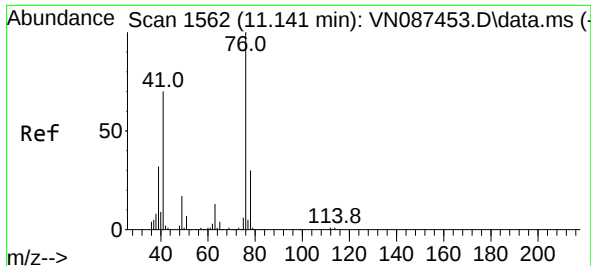
Tgt Ion:	97	Resp:	72873
Ion	Ratio	Lower	Upper
97	100		
83	82.4	66.2	99.2
85	54.4	43.9	65.9
99	54.0	50.0	75.0



#51
Ethyl methacrylate
Concen: 17.458 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

Tgt Ion:	69	Resp:	124342
Ion	Ratio	Lower	Upper
69	100		
41	76.8	38.0	114.1
39	46.5	23.2	69.5

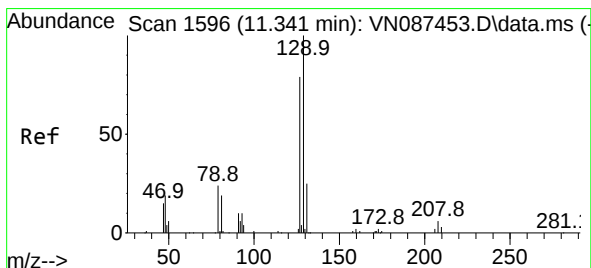
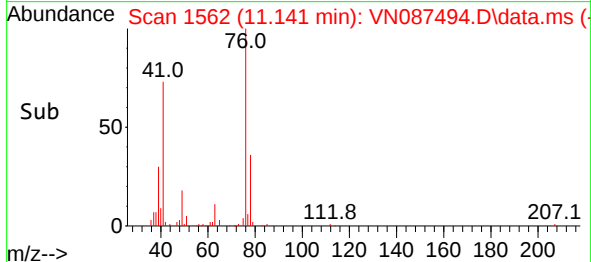
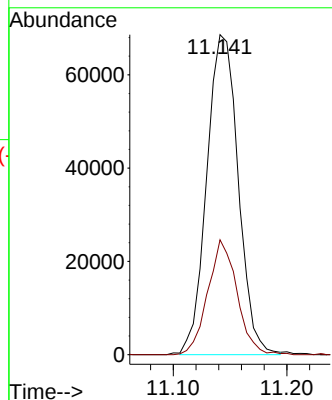
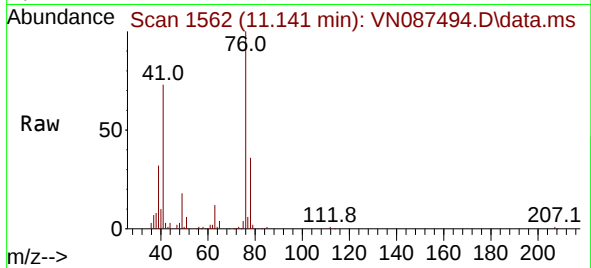




#52
1,3-Dichloropropane
Concen: 18.147 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

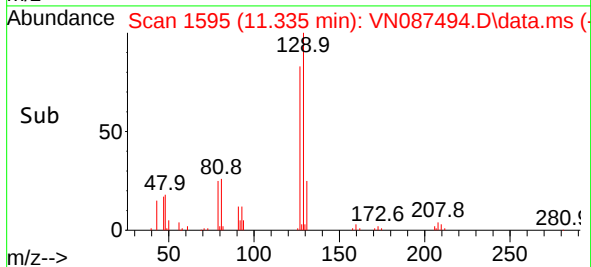
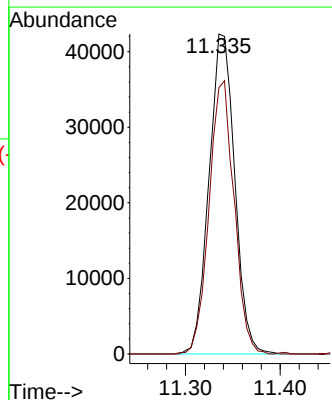
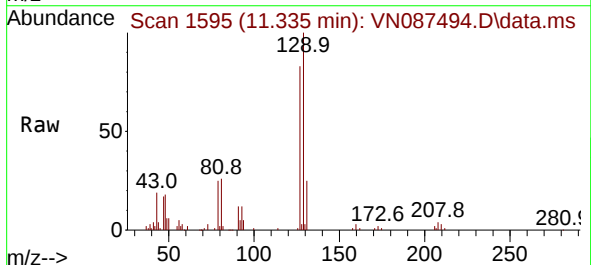
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

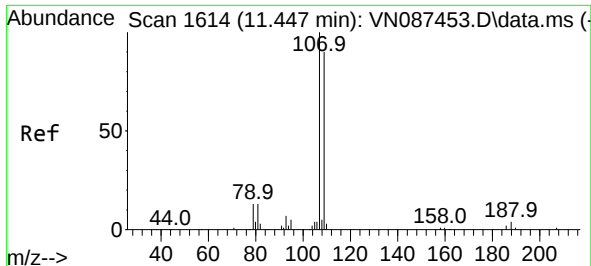
Tgt Ion: 76 Resp: 132220
Ion Ratio Lower Upper
76 100
78 33.3 0.0 63.0



#53
Dibromochloromethane
Concen: 17.085 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.006 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

Tgt Ion: 129 Resp: 79796
Ion Ratio Lower Upper
129 100
127 83.0 39.1 117.3

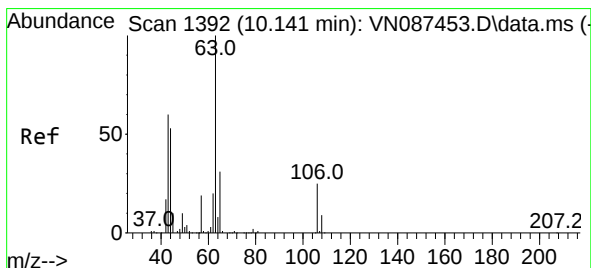
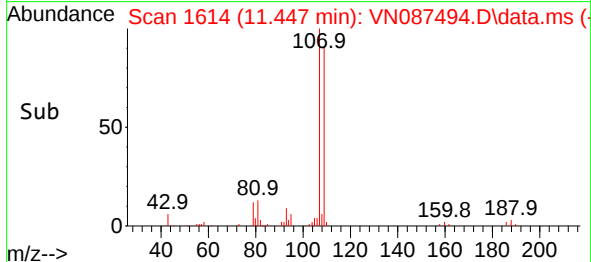
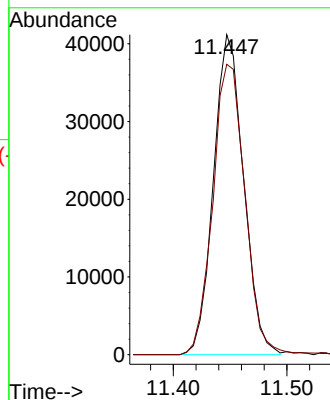
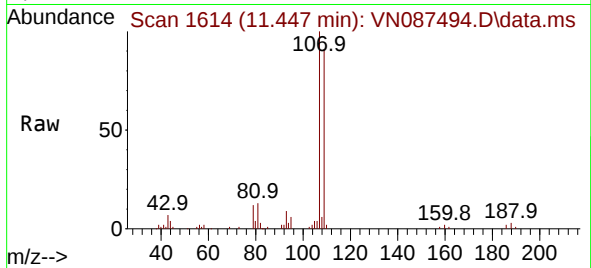




#54
1,2-Dibromoethane
Concen: 17.654 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

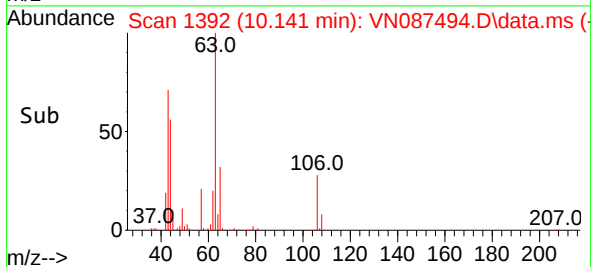
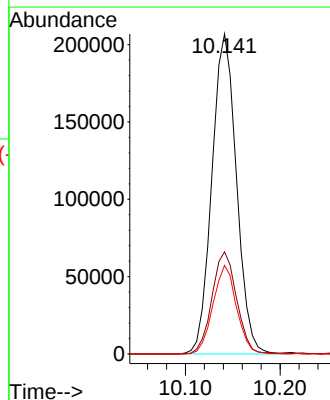
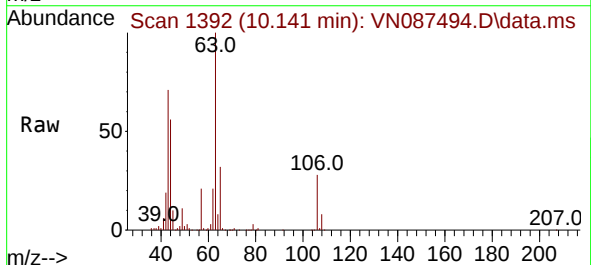
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

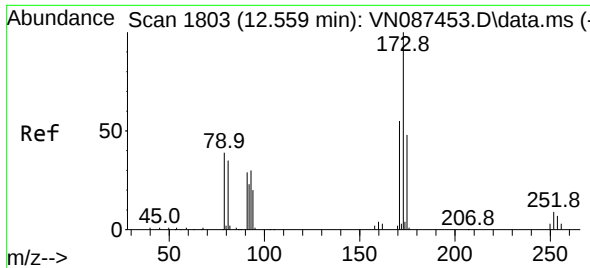
Tgt Ion:107 Resp: 75790
Ion Ratio Lower Upper
107 100
109 97.2 74.2 111.4



#55
2-Chloroethyl vinyl ether
Concen: 99.474 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

Tgt Ion: 63 Resp: 372969
Ion Ratio Lower Upper
63 100
65 32.1 25.7 38.5
106 26.5 20.7 31.1

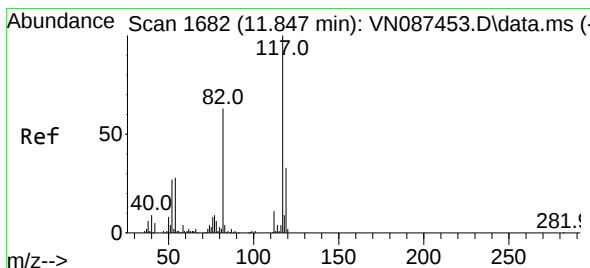
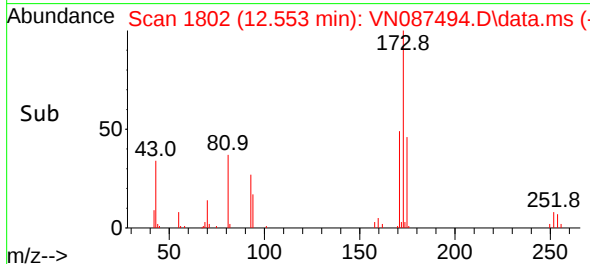
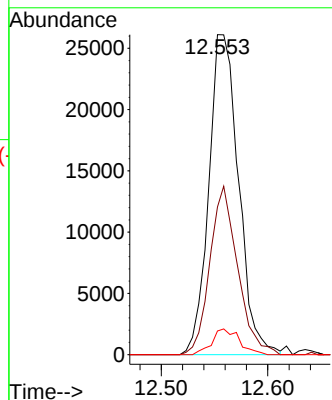
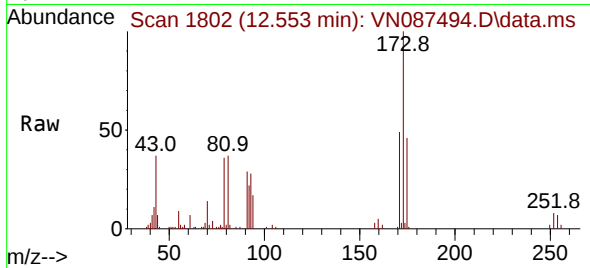




#56
Bromoform
Concen: 16.431 ug/l
RT: 12.553 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

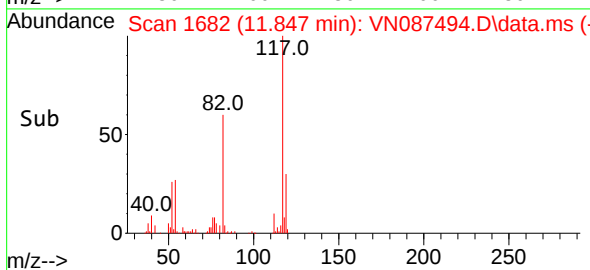
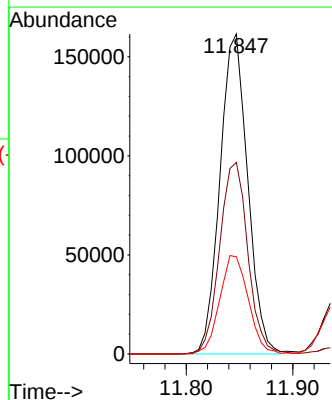
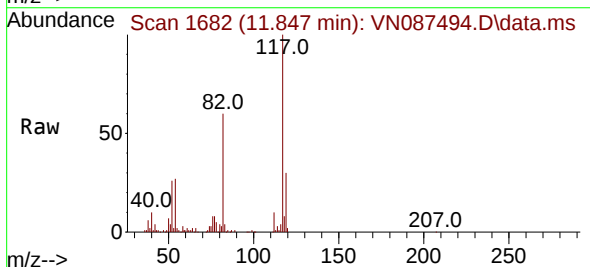
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

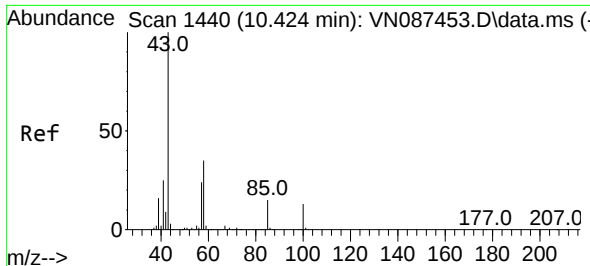
Tgt Ion:173 Resp: 50757
Ion Ratio Lower Upper
173 100
175 49.1 38.8 58.2
254 7.4 3.9 5.9#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

Tgt Ion:117 Resp: 292007
Ion Ratio Lower Upper
117 100
82 60.9 49.2 73.8
119 31.7 25.7 38.5

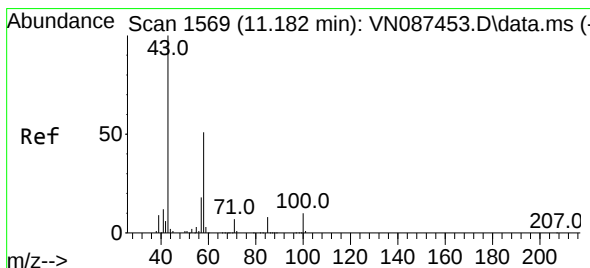
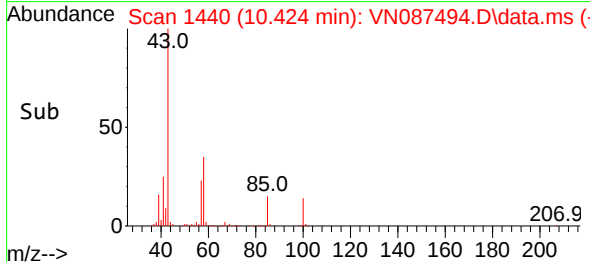
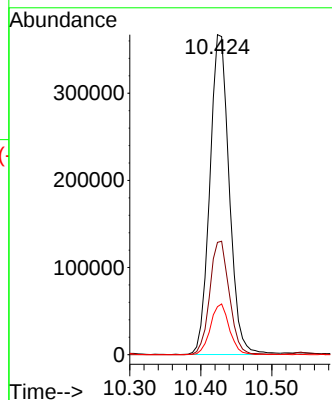
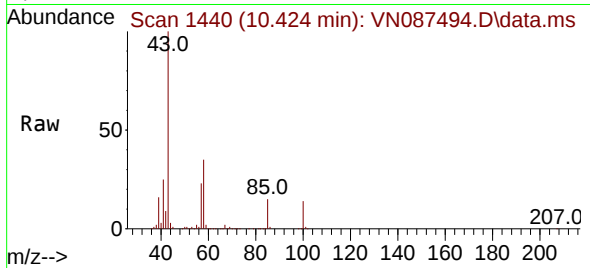




#58
4-Methyl-2-Pentanone
Concen: 92.643 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

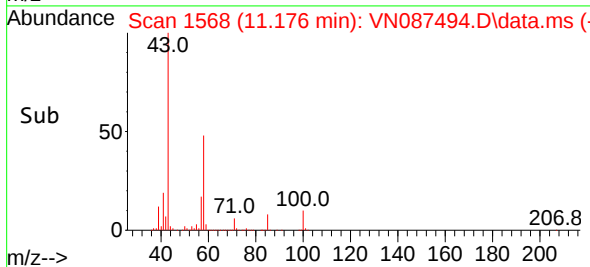
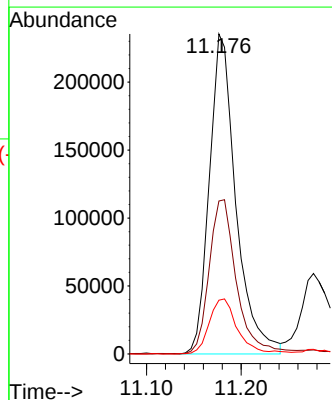
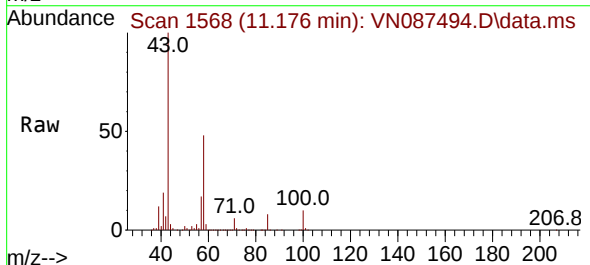
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

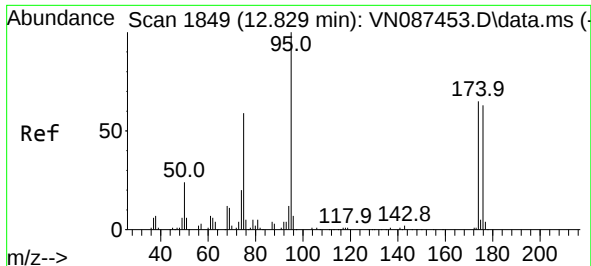
Tgt Ion: 43 Resp: 695911
Ion Ratio Lower Upper
43 100
58 35.7 29.0 43.6
85 15.4 12.7 19.1



#59
2-Hexanone
Concen: 90.030 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

Tgt Ion: 43 Resp: 459504
Ion Ratio Lower Upper
43 100
58 49.9 41.0 61.6
57 17.9 14.6 21.8

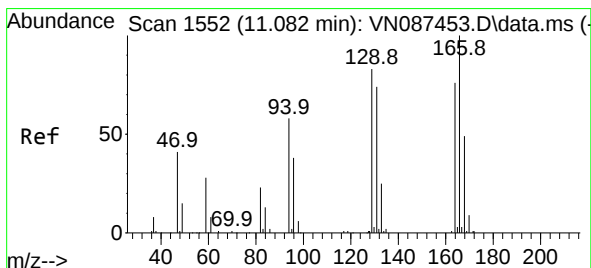
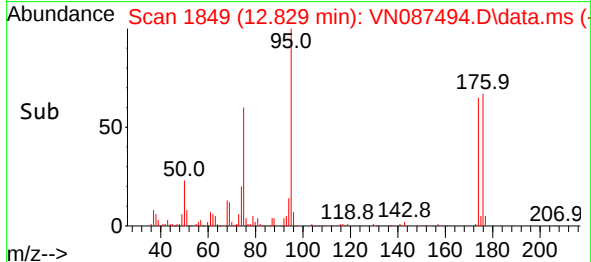
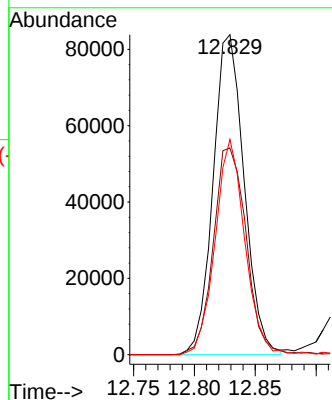
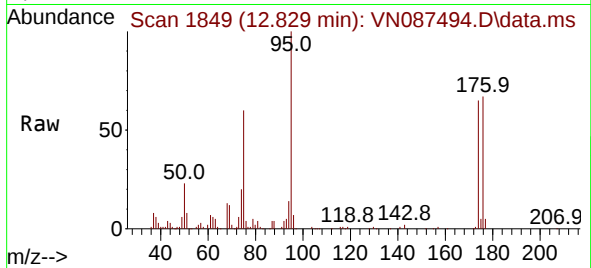




#60
4-Bromofluorobenzene
Concen: 29.595 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

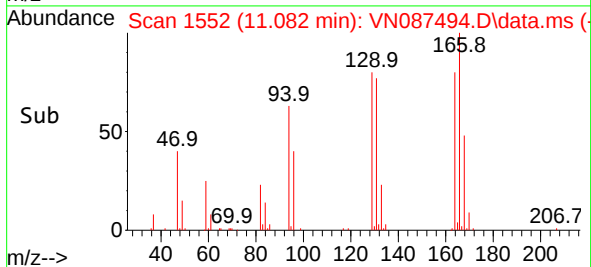
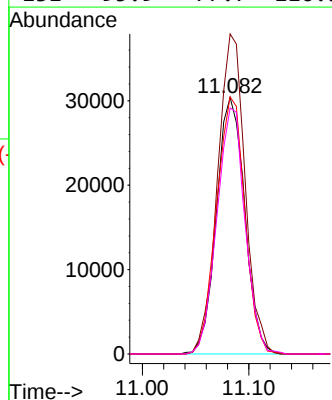
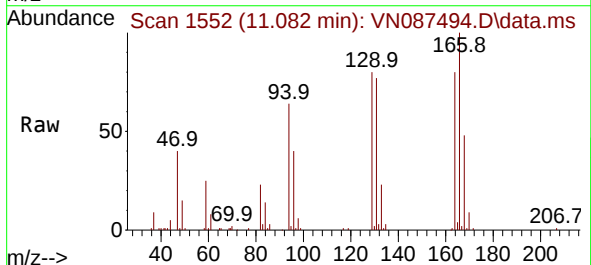
Instrument :
MSVOA_N
ClientSampleId :
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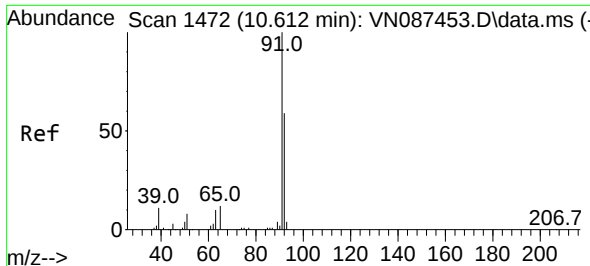
Tgt Ion: 95 Resp: 148721
Ion Ratio Lower Upper
95 100
174 68.4 52.3 78.5
176 64.4 49.8 74.8



#61
Tetrachloroethene
Concen: 19.627 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

Tgt Ion:164 Resp: 55836
Ion Ratio Lower Upper
164 100
166 124.8 105.4 158.0
129 100.3 87.7 131.5
131 95.9 77.7 116.5

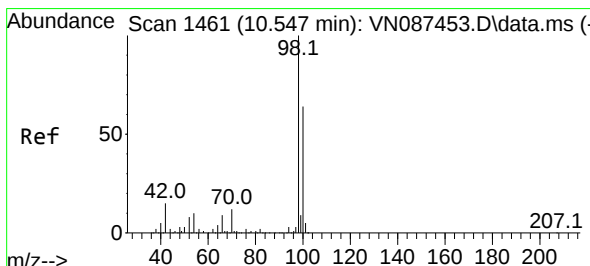
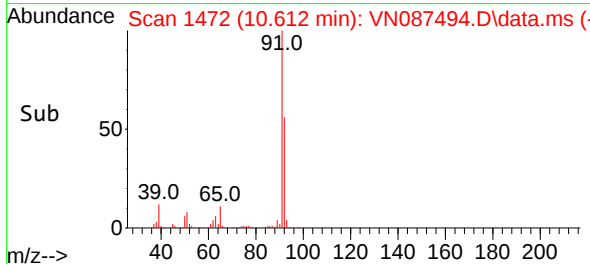
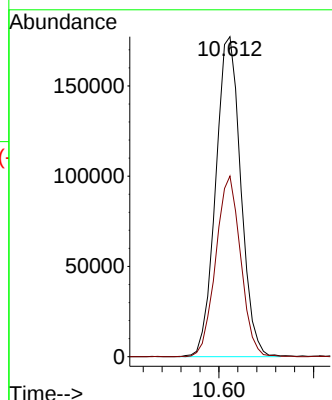
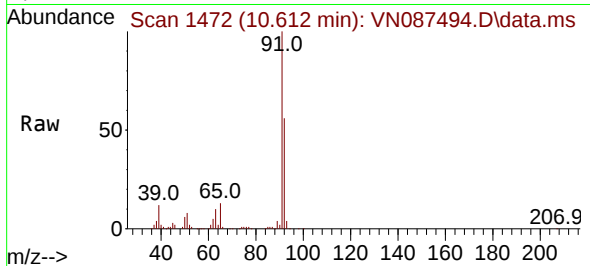




#62
Toluene
Concen: 18.141 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

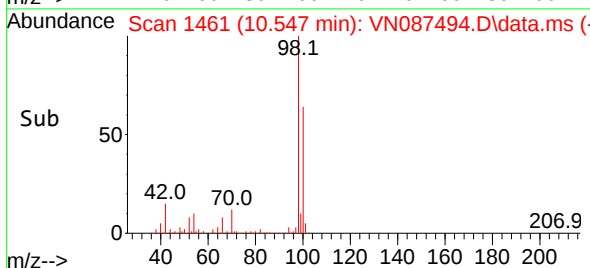
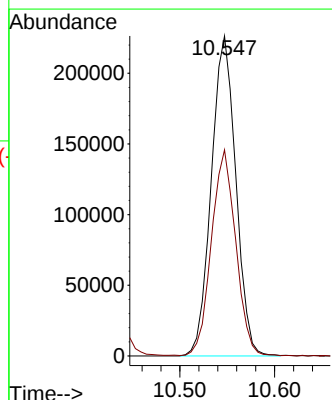
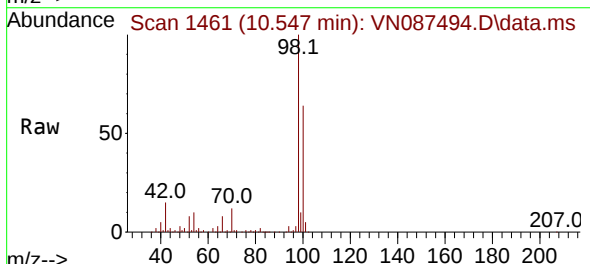
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

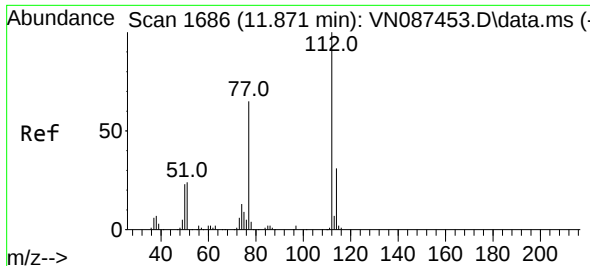
Tgt Ion: 91 Resp: 326949
Ion Ratio Lower Upper
91 100
92 55.7 45.8 68.6



#63
Toluene-d8
Concen: 30.292 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

Tgt Ion: 98 Resp: 406995
Ion Ratio Lower Upper
98 100
100 64.0 50.5 75.7

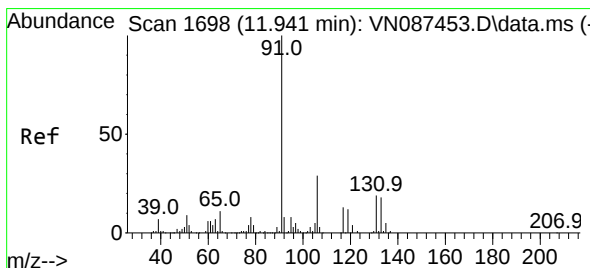
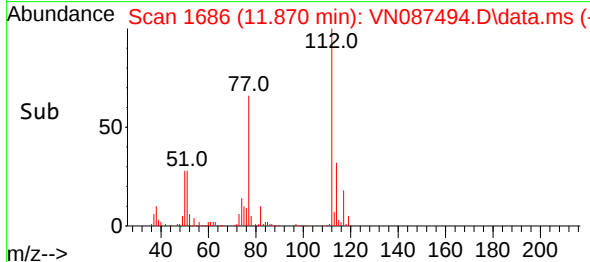
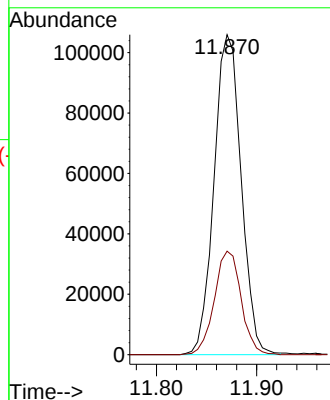
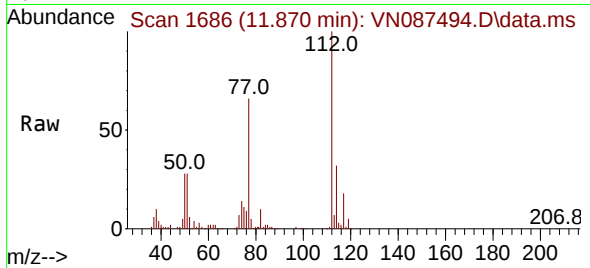




#64
Chlorobenzene
Concen: 17.980 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

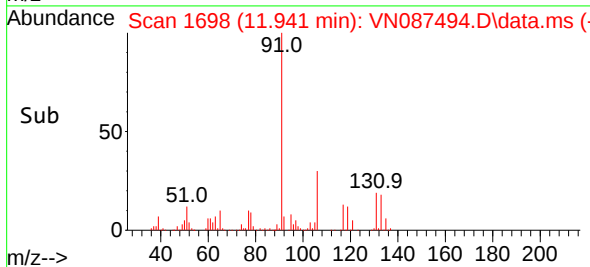
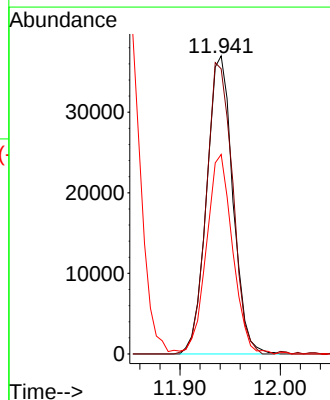
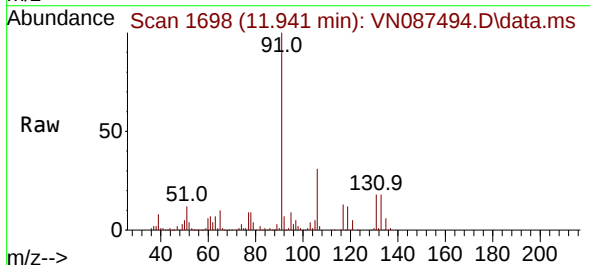
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

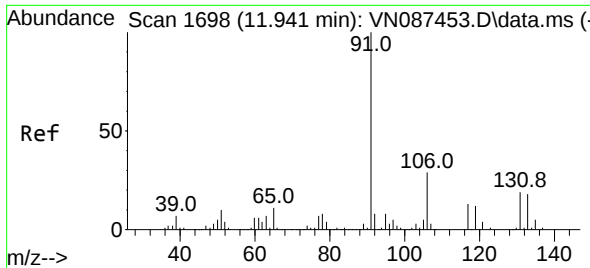
Tgt Ion:112 Resp: 199120
Ion Ratio Lower Upper
112 100
114 32.4 24.7 37.1



#65
1,1,1,2-Tetrachloroethane
Concen: 17.259 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

Tgt Ion:131 Resp: 67199
Ion Ratio Lower Upper
131 100
133 98.1 0.0 189.8
119 66.3 0.0 133.2

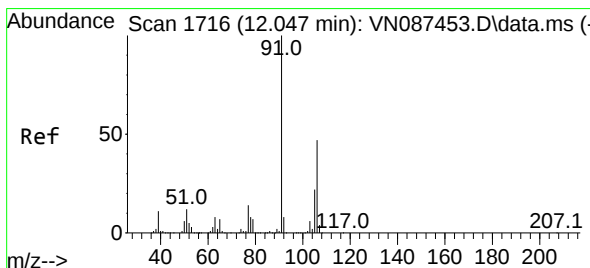
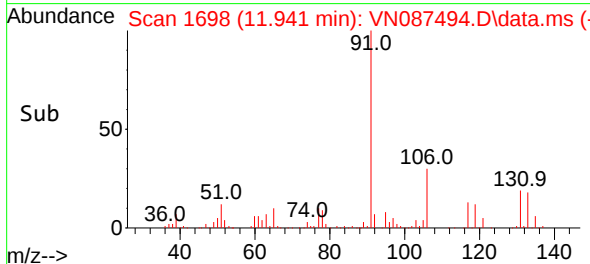
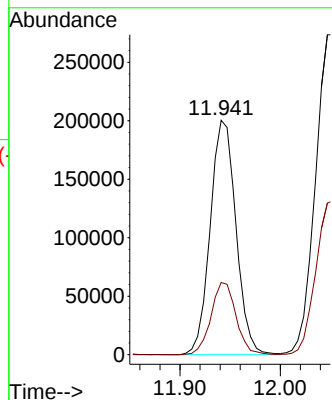
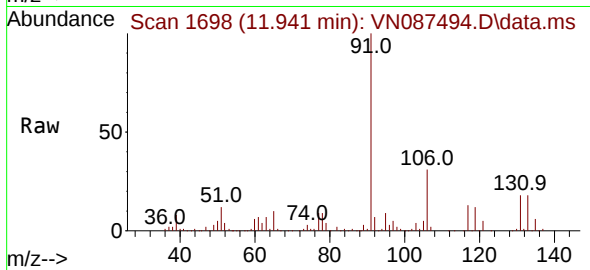




#66
Ethyl Benzene
Concen: 17.831 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

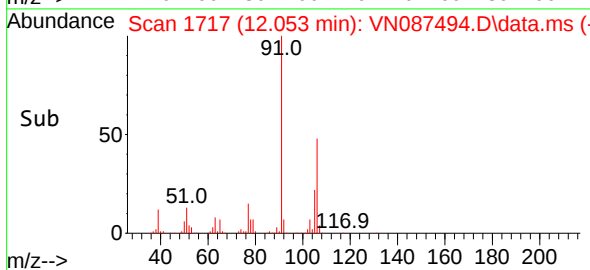
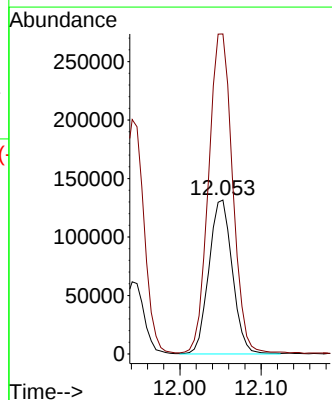
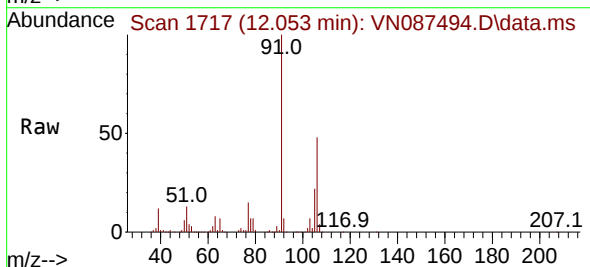
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

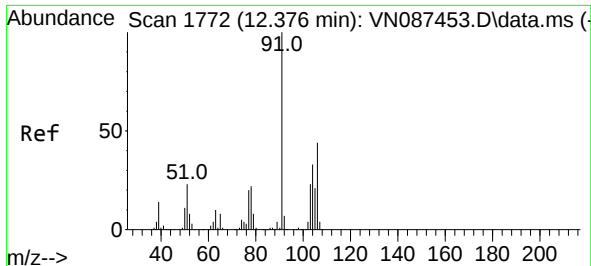
Tgt Ion: 91 Resp: 358194
Ion Ratio Lower Upper
91 100
106 30.8 22.9 34.3



#67
m/p-Xylenes
Concen: 35.903 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

Tgt Ion: 106 Resp: 264730
Ion Ratio Lower Upper
106 100
91 211.4 174.2 261.2

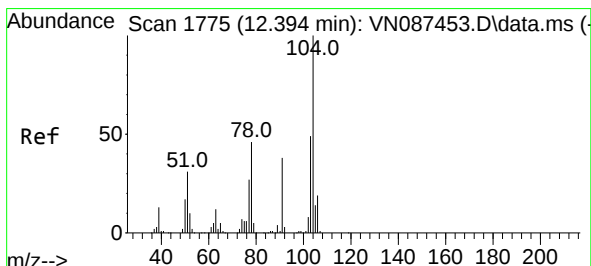
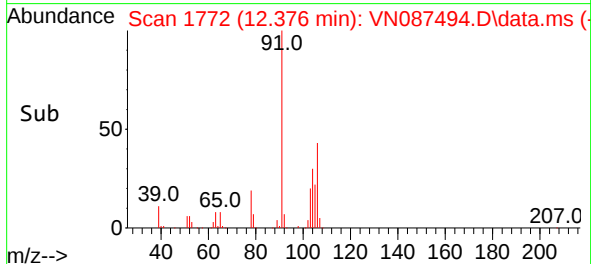
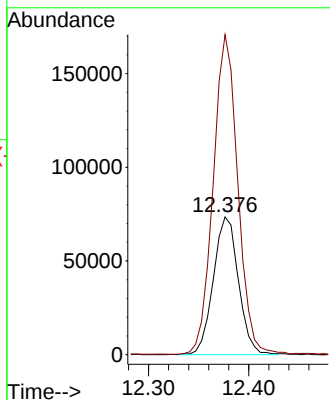
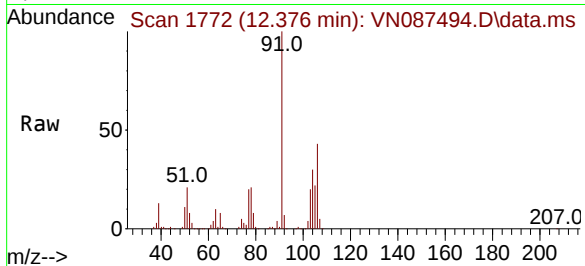




#68
o-Xylene
Concen: 17.633 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

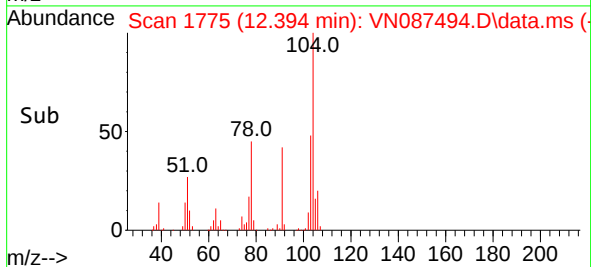
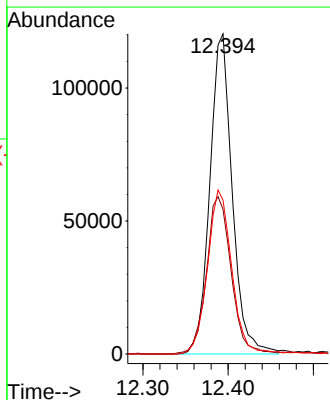
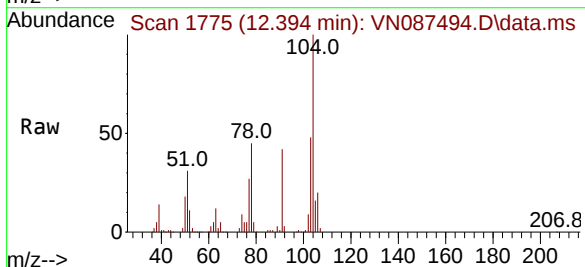
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

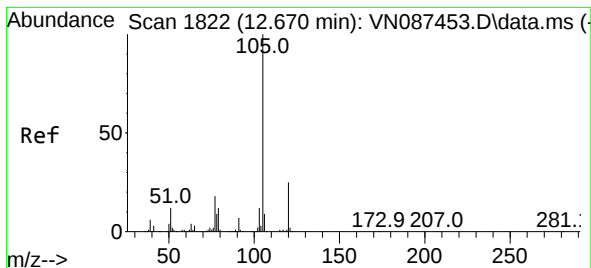
Tgt Ion:106 Resp: 127908
Ion Ratio Lower Upper
106 100
91 227.4 114.5 343.5



#69
Styrene
Concen: 17.799 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

Tgt Ion:104 Resp: 220467
Ion Ratio Lower Upper
104 100
78 54.1 43.8 65.8
103 54.6 43.1 64.7





#70

Isopropylbenzene

Concen: 17.962 ug/l

RT: 12.676 min Scan# 1822

Delta R.T. 0.006 min

Lab File: VN087494.D

Acq: 08 Aug 2025 10:39

Instrument :

MSVOA_N

ClientSampleId :

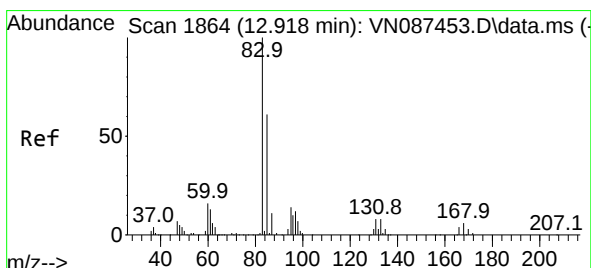
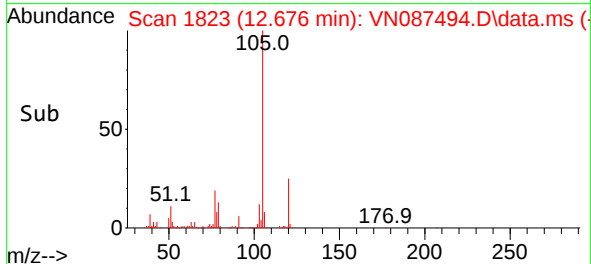
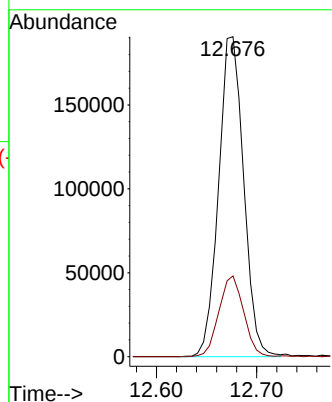
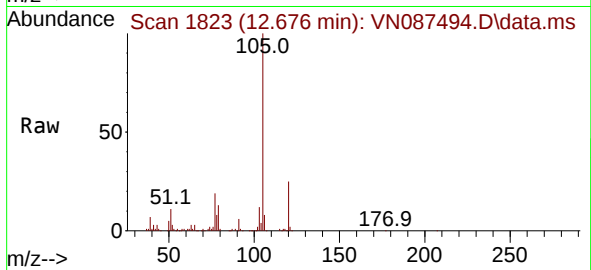
VSTDCCC020

Tgt Ion:105 Resp: 331036

Ion Ratio Lower Upper

105 100

120 24.9 17.5 32.5



#71

1,1,2,2-Tetrachloroethane

Concen: 18.186 ug/l

RT: 12.917 min Scan# 1864

Delta R.T. -0.000 min

Lab File: VN087494.D

Acq: 08 Aug 2025 10:39

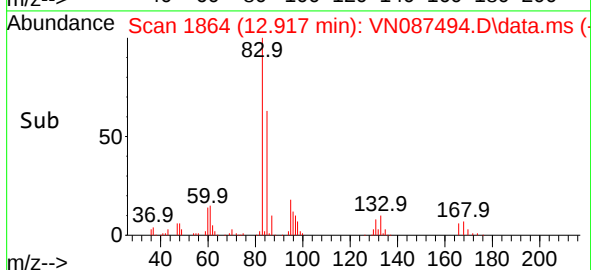
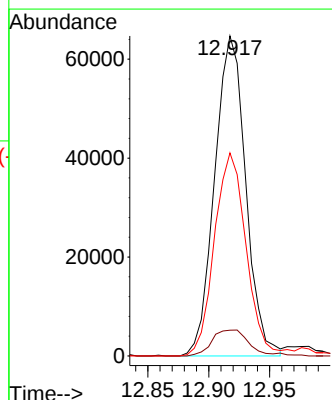
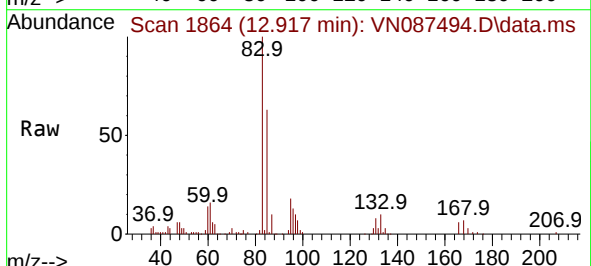
Tgt Ion: 83 Resp: 114834

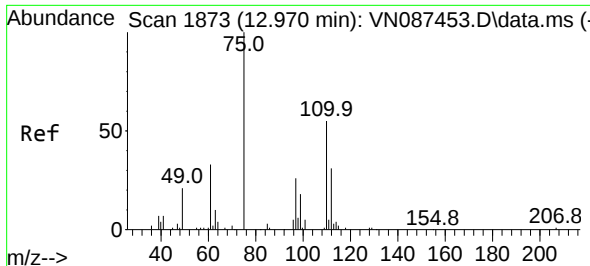
Ion Ratio Lower Upper

83 100

131 9.4 4.8 14.3

85 64.4 31.7 95.1

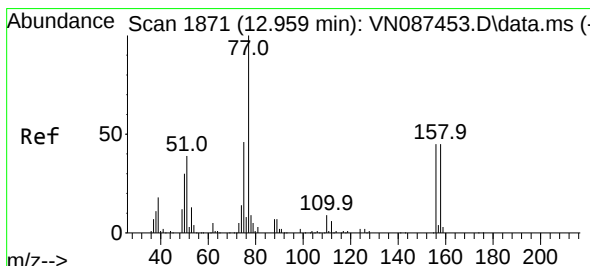
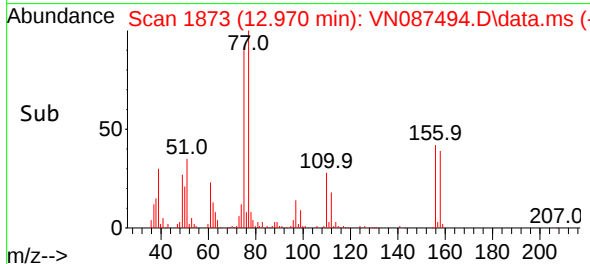
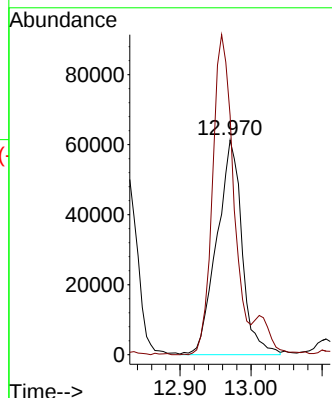
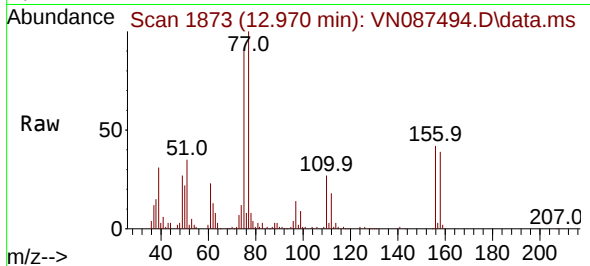




#72
1,2,3-Trichloropropane
Concen: 25.730 ug/l
RT: 12.970 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

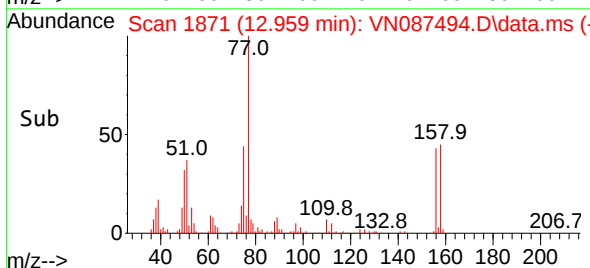
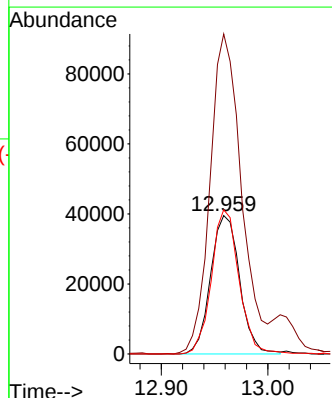
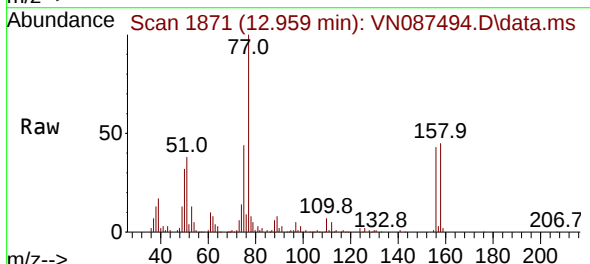
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

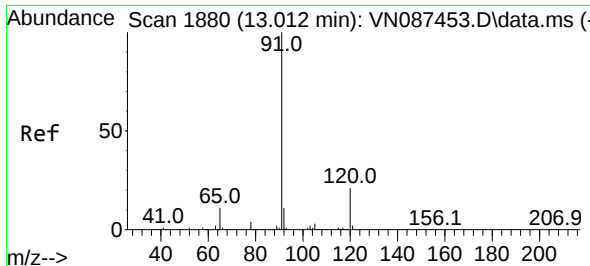
Tgt Ion: 75 Resp: 151358
Ion Ratio Lower Upper
75 100
77 123.7 0.0 385.0



#73
Bromobenzene
Concen: 17.499 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

Tgt Ion:156 Resp: 74761
Ion Ratio Lower Upper
156 100
77 250.4 0.0 506.6
158 98.7 0.0 193.6

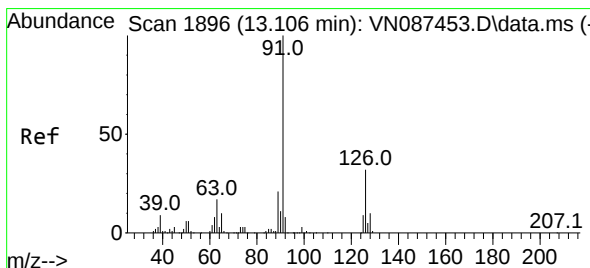
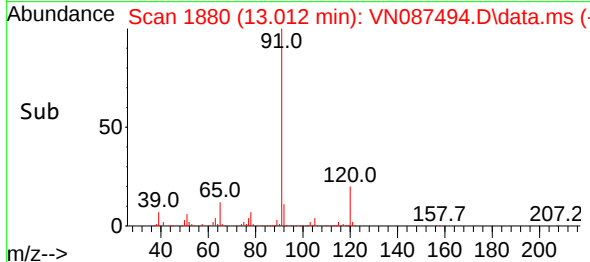
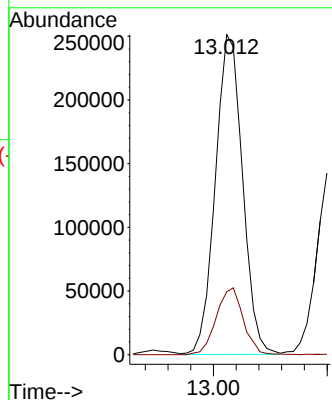
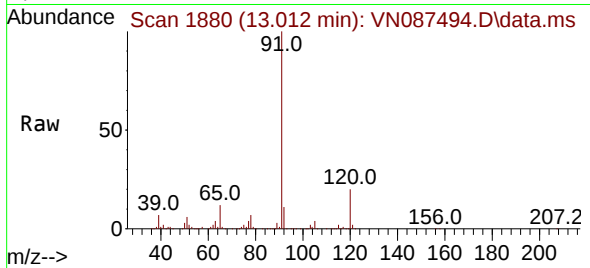




#74
n-propylbenzene
Concen: 18.151 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

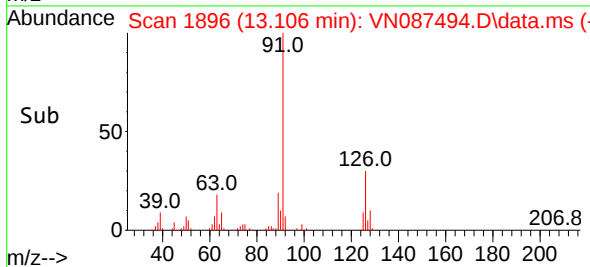
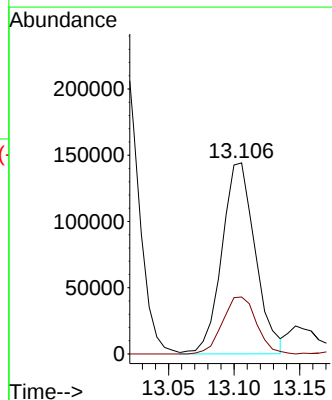
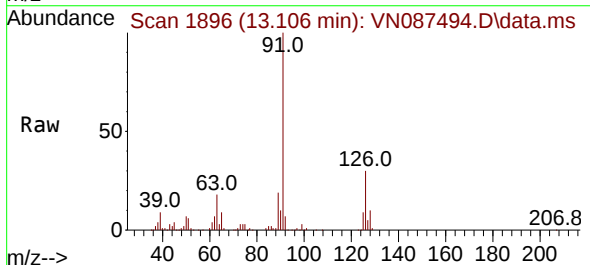
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

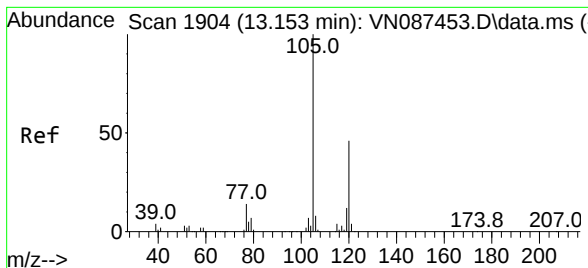
Tgt Ion: 91 Resp: 417761
Ion Ratio Lower Upper
91 100
120 20.7 0.0 41.8



#75
2-Chlorotoluene
Concen: 18.066 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. -0.000 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

Tgt Ion: 91 Resp: 255770
Ion Ratio Lower Upper
91 100
126 30.3 0.0 60.4

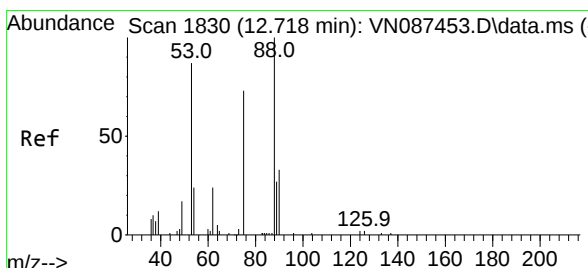
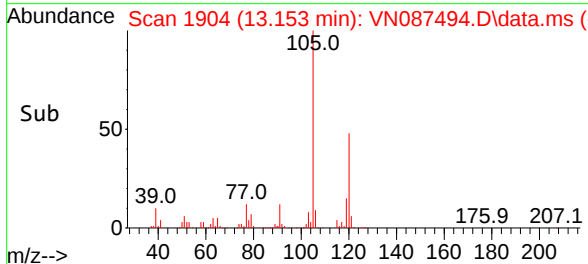
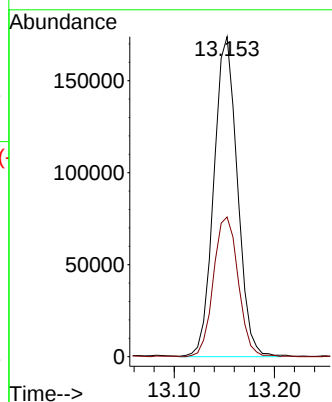
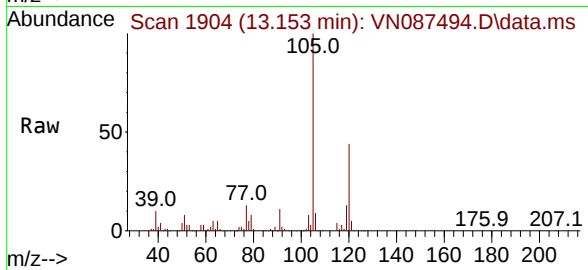




#76
1,3,5-Trimethylbenzene
Concen: 17.941 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

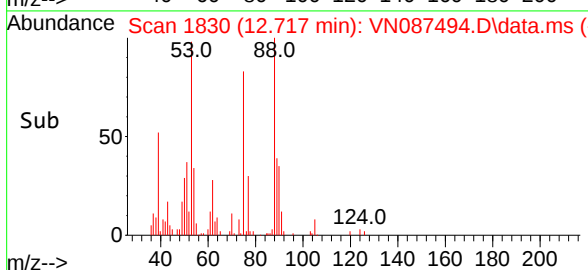
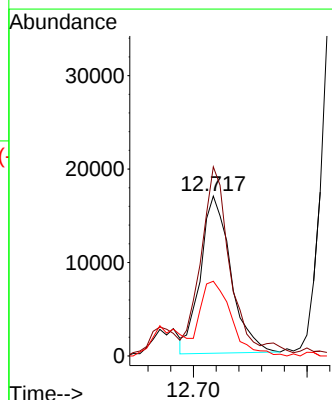
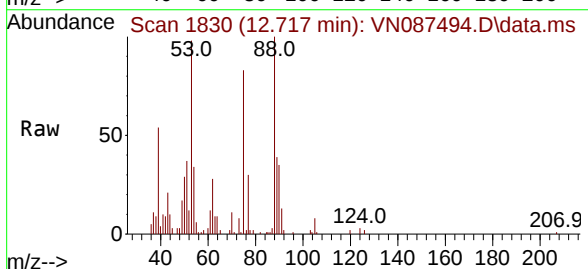
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

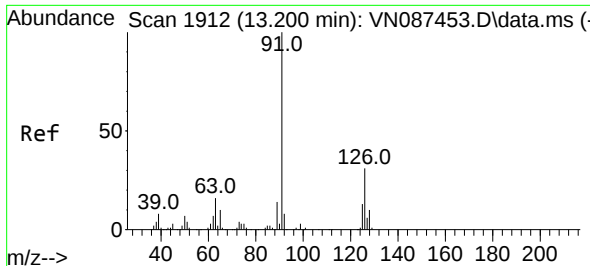
Tgt Ion:105 Resp: 283101
Ion Ratio Lower Upper
105 100
120 45.8 0.0 91.2



#77
t-1,4-Dichloro-2-butene
Concen: 14.023 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

Tgt Ion: 75 Resp: 31228
Ion Ratio Lower Upper
75 100
53 115.4 59.0 176.8
89 46.8 22.1 66.5

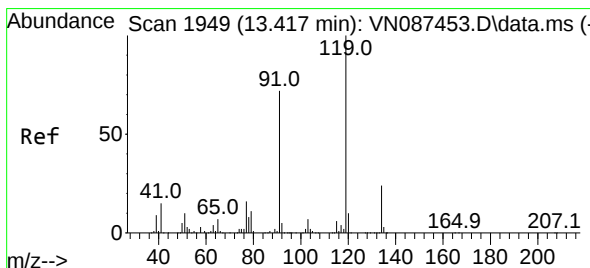
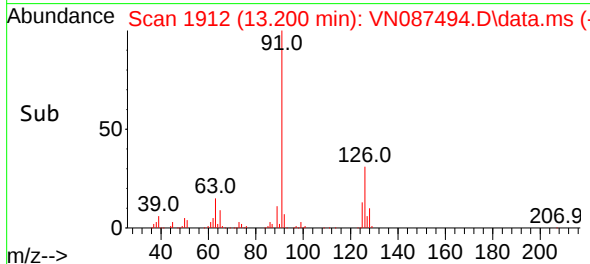
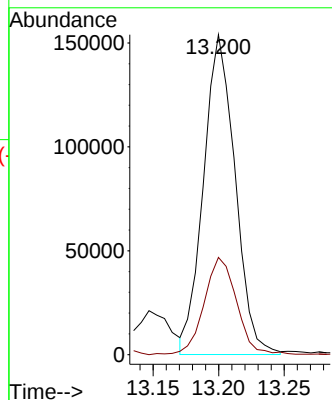
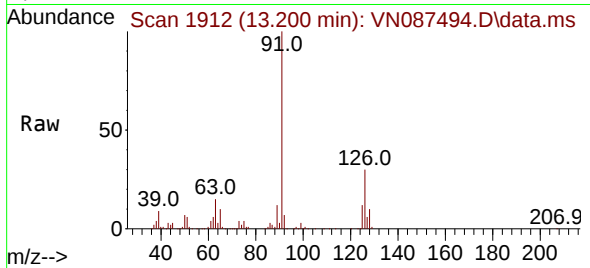




#78
4-Chlorotoluene
Concen: 17.976 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

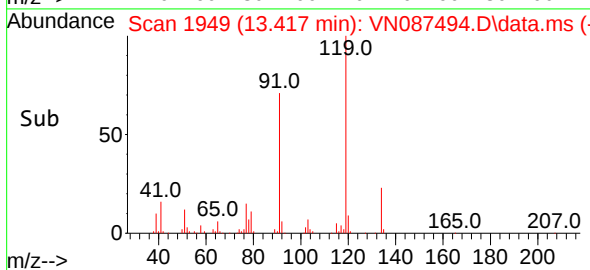
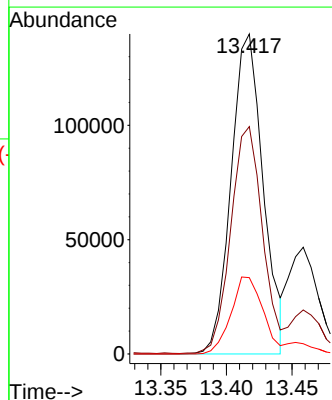
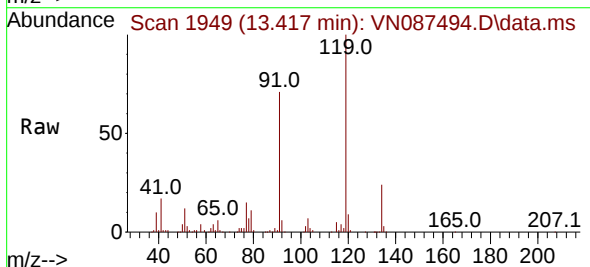
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

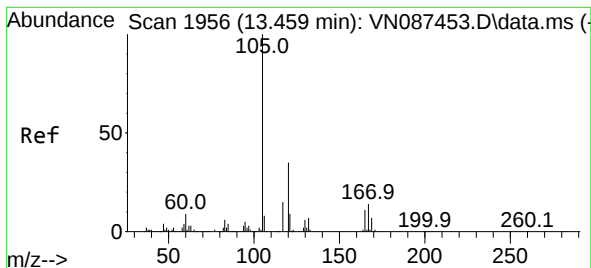
Tgt Ion: 91 Resp: 257905
Ion Ratio Lower Upper
91 100
126 31.2 0.0 63.2



#79
tert-butylbenzene
Concen: 17.933 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

Tgt Ion: 119 Resp: 238588
Ion Ratio Lower Upper
119 100
91 69.7 0.0 141.6
134 23.9 0.0 45.6





#80

1,2,4-Trimethylbenzene

Concen: 18.267 ug/l

RT: 13.459 min Scan# 1956

Delta R.T. -0.000 min

Lab File: VN087494.D

Acq: 08 Aug 2025 10:39

Instrument :

MSVOA_N

ClientSampleId :

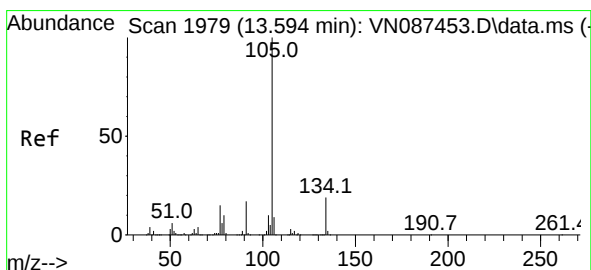
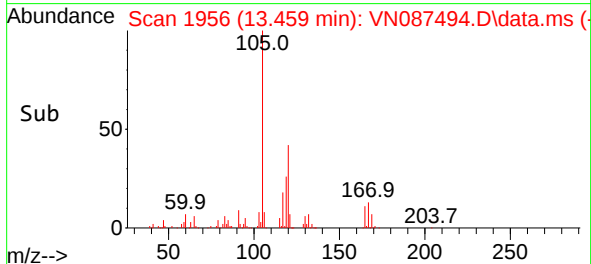
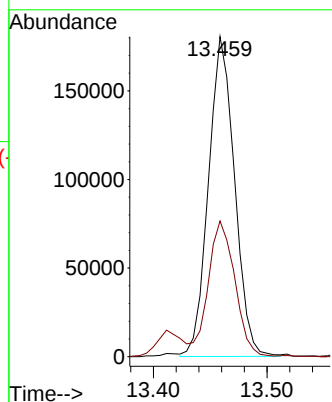
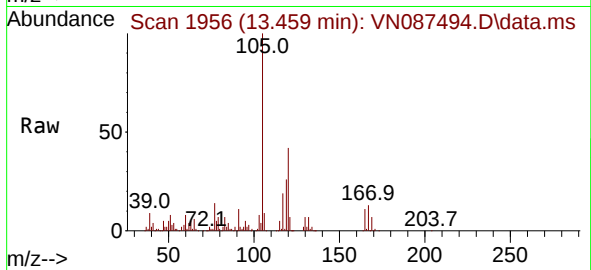
VSTDCCC020

Tgt Ion:105 Resp: 288029

Ion Ratio Lower Upper

105 100

120 43.4 0.0 87.2



#81

sec-Butylbenzene

Concen: 18.194 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. -0.000 min

Lab File: VN087494.D

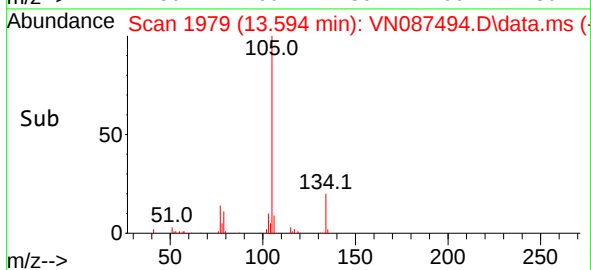
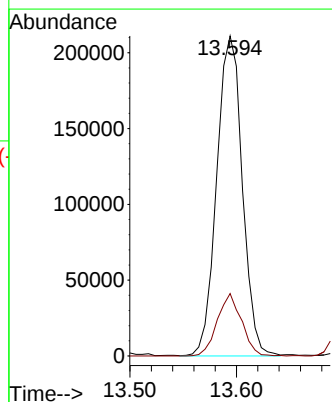
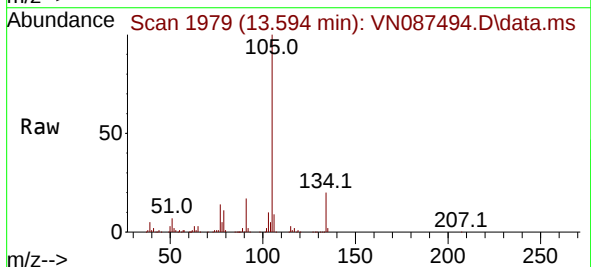
Acq: 08 Aug 2025 10:39

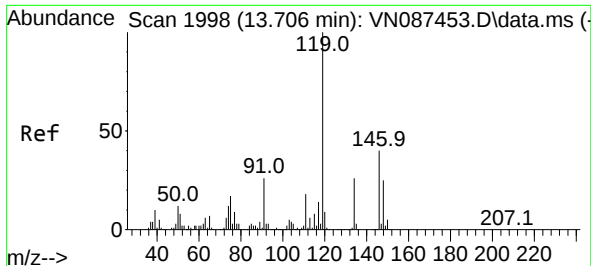
Tgt Ion:105 Resp: 352384

Ion Ratio Lower Upper

105 100

134 18.5 0.0 37.6

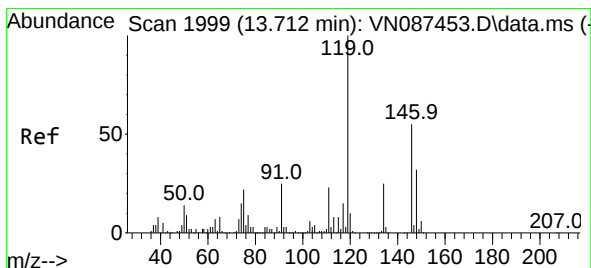
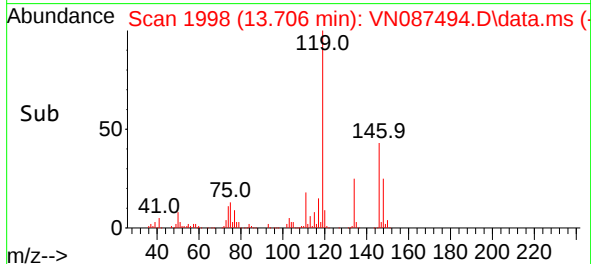
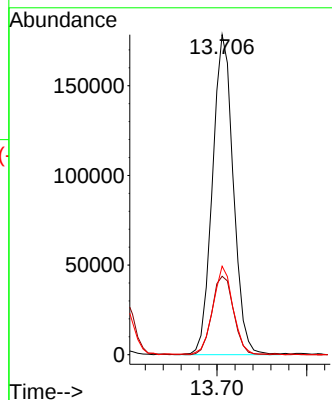
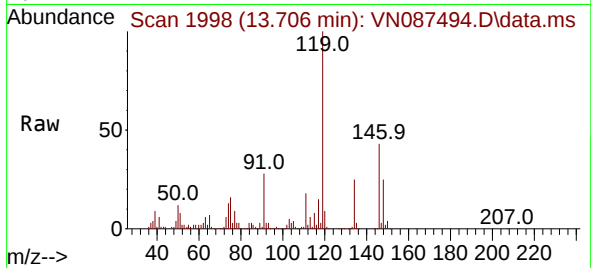




#82
p-Isopropyltoluene
Concen: 17.892 ug/l
RT: 13.706 min Scan# 1998
Delta R.T. -0.000 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

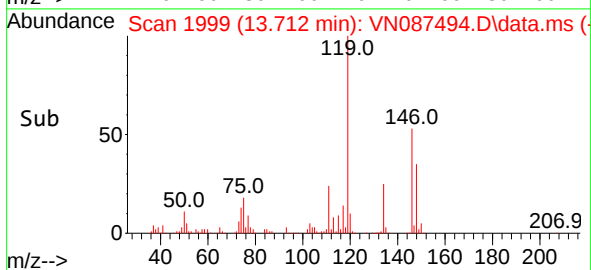
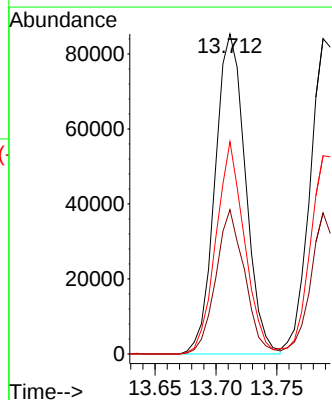
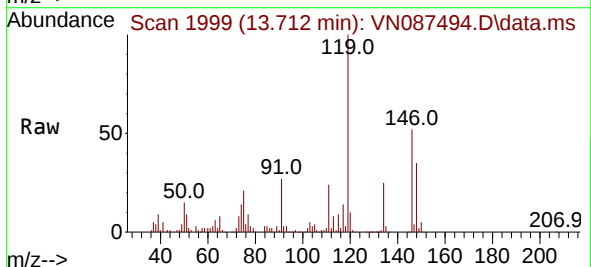
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

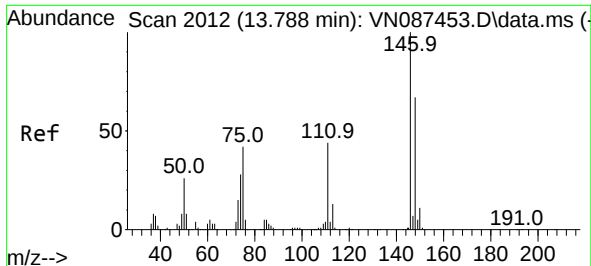
Tgt Ion:119 Resp: 287731
Ion Ratio Lower Upper
119 100
134 25.5 0.0 51.4
91 26.4 0.0 52.0



#83
1,3-Dichlorobenzene
Concen: 18.250 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

Tgt Ion:146 Resp: 148471
Ion Ratio Lower Upper
146 100
111 42.8 21.9 65.5
148 62.1 31.3 93.9

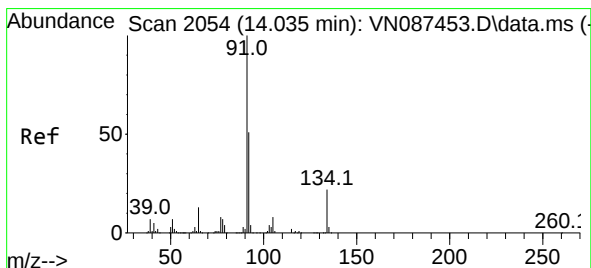
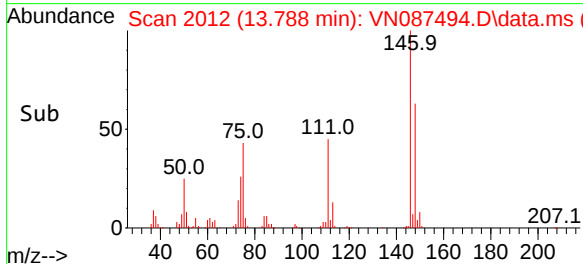
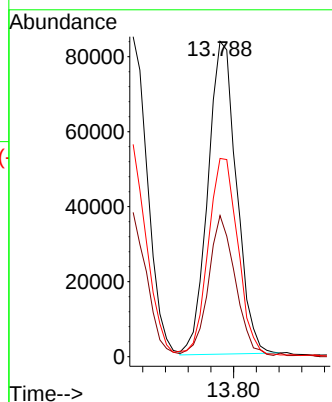
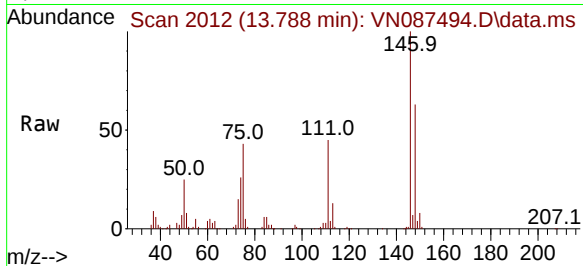




#84
1,4-Dichlorobenzene
Concen: 17.712 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

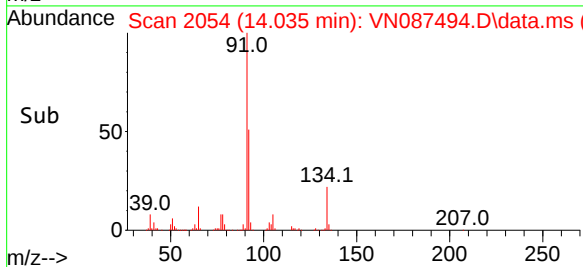
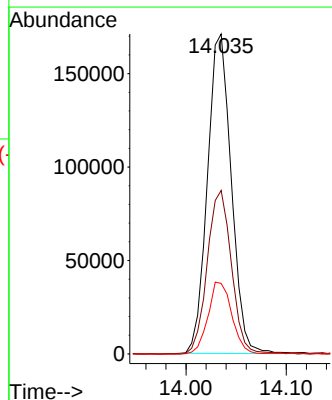
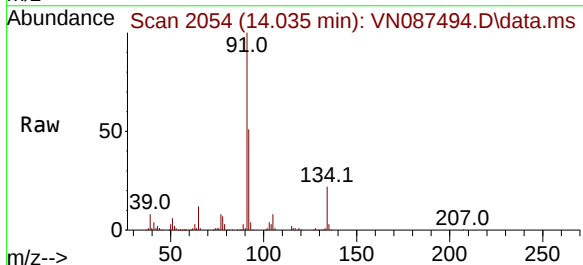
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

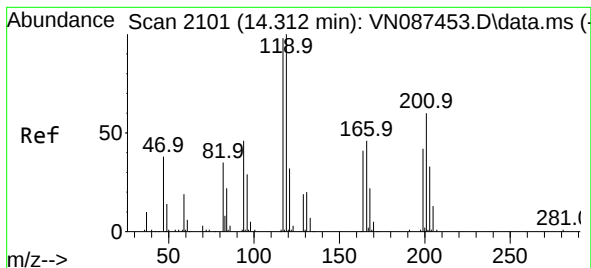
Tgt Ion:146 Resp: 146087
Ion Ratio Lower Upper
146 100
111 42.9 21.1 63.1
148 66.8 31.4 94.3



#85
n-Butylbenzene
Concen: 17.979 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. -0.000 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

Tgt Ion: 91 Resp: 282875
Ion Ratio Lower Upper
91 100
92 52.0 0.0 106.6
134 22.4 0.0 44.4





#86

Hexachloroethane

Concen: 16.307 ug/l

RT: 14.312 min Scan# 2101

Delta R.T. -0.000 min

Lab File: VN087494.D

Acq: 08 Aug 2025 10:39

Instrument :

MSVOA_N

ClientSampleId :

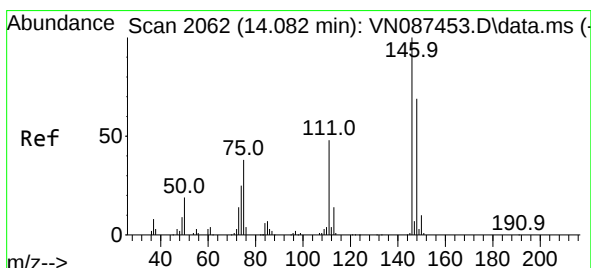
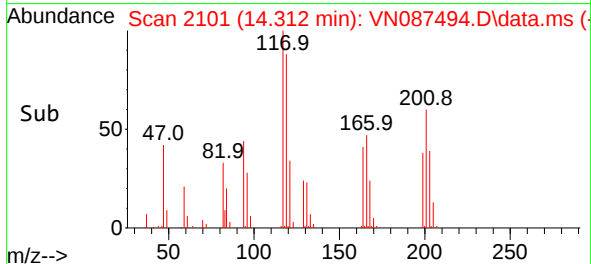
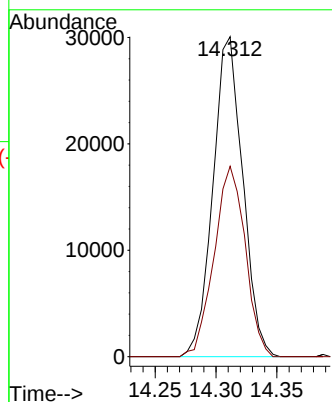
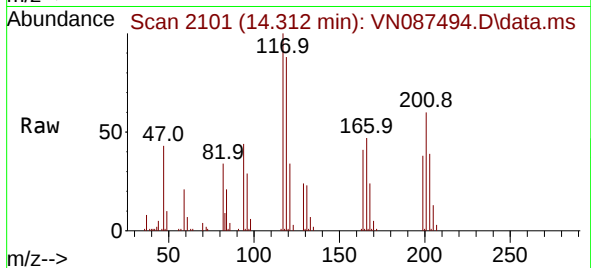
VSTDCCC020

Tgt Ion:117 Resp: 51211

Ion Ratio Lower Upper

117 100

201 62.1 29.1 87.4



#87

1,2-Dichlorobenzene

Concen: 18.738 ug/l

RT: 14.082 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VN087494.D

Acq: 08 Aug 2025 10:39

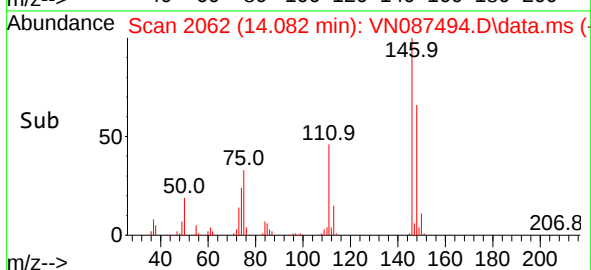
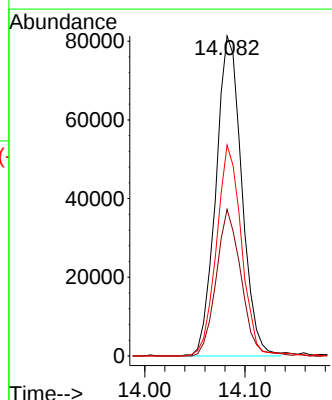
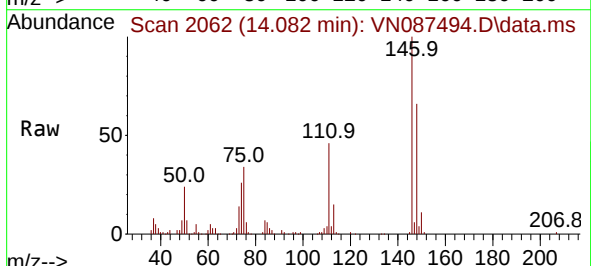
Tgt Ion:146 Resp: 145514

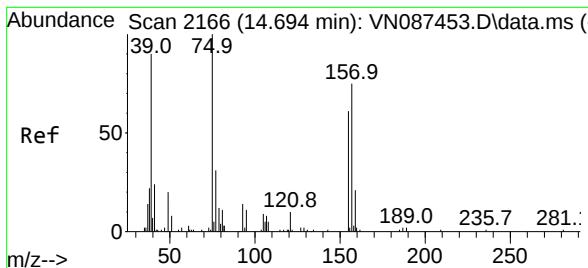
Ion Ratio Lower Upper

146 100

111 43.8 22.9 68.7

148 63.9 31.6 94.7

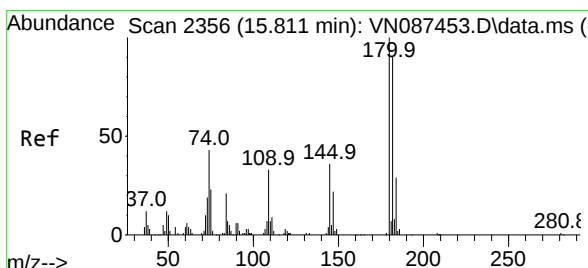
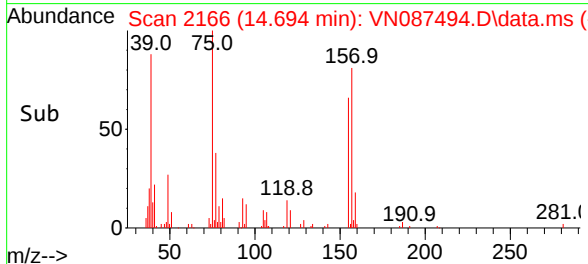
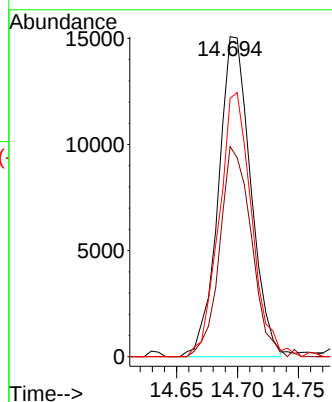
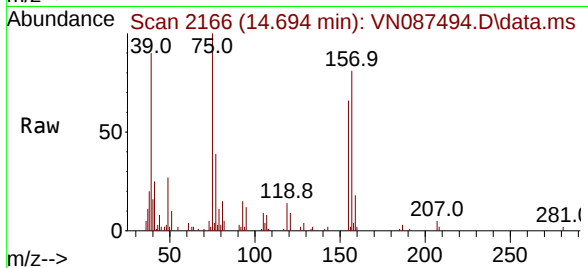




#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.416 ug/l
 RT: 14.694 min Scan# 2166
 Delta R.T. -0.000 min
 Lab File: VN087494.D
 Acq: 08 Aug 2025 10:39

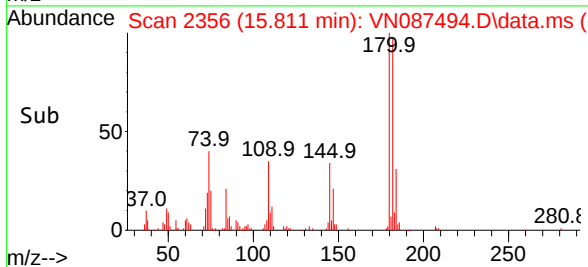
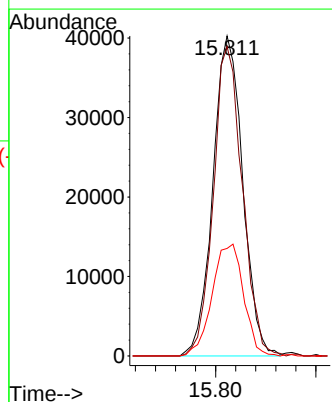
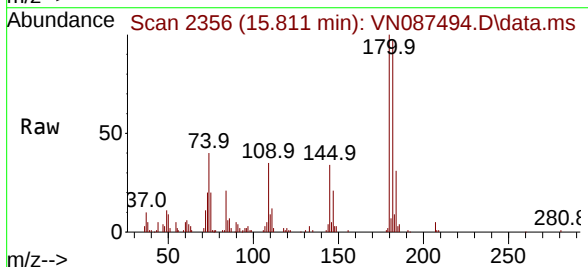
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

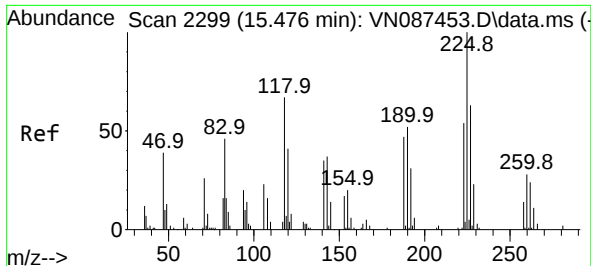
Tgt Ion: 75 Resp: 27860
 Ion Ratio Lower Upper
 75 100
 155 64.2 55.7 83.5
 157 82.3 65.8 98.6



#89
 1,2,4-Trichlorobenzene
 Concen: 17.883 ug/l
 RT: 15.811 min Scan# 2356
 Delta R.T. -0.000 min
 Lab File: VN087494.D
 Acq: 08 Aug 2025 10:39

Tgt Ion: 180 Resp: 82995
 Ion Ratio Lower Upper
 180 100
 182 93.7 75.0 112.4
 145 36.8 28.6 43.0

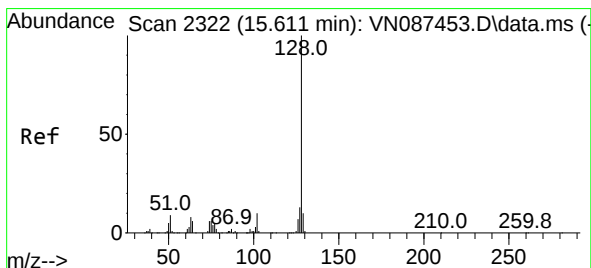
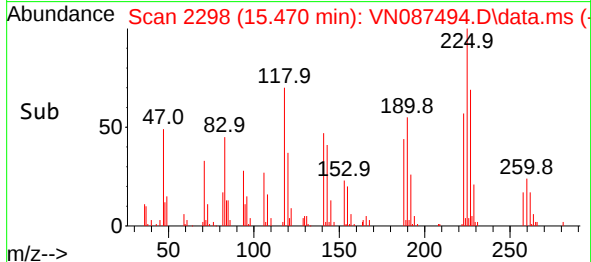
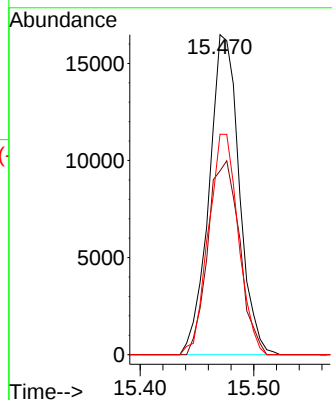
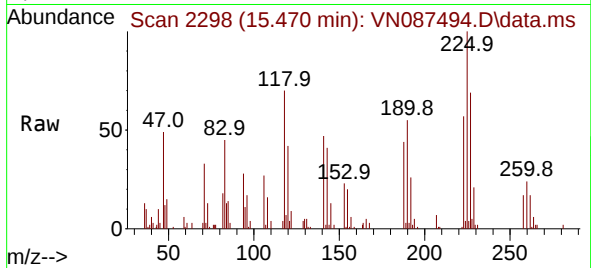




#90
Hexachlorobutadiene
Concen: 16.822 ug/l
RT: 15.470 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

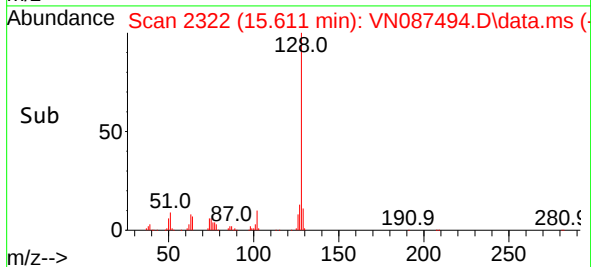
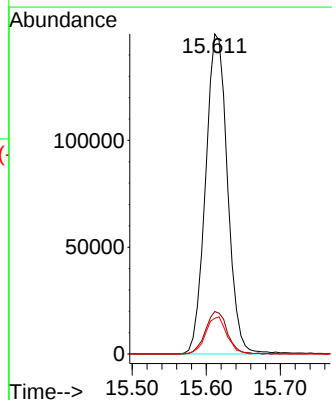
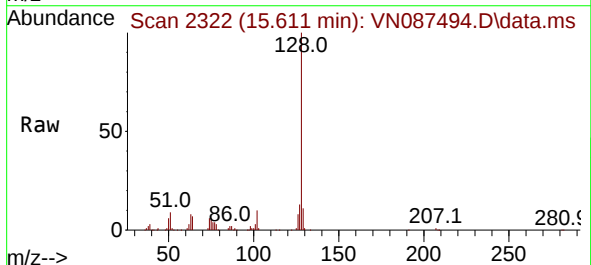
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

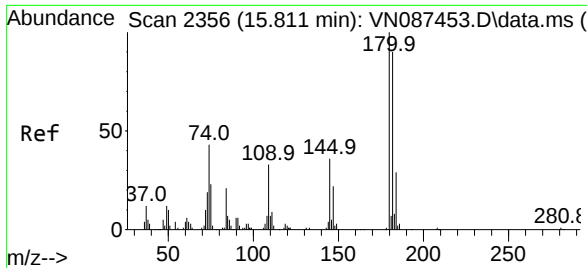
Tgt Ion:225 Resp: 30359
Ion Ratio Lower Upper
225 100
223 63.8 0.0 116.0
227 68.3 0.0 127.0



#91
Naphthalene
Concen: 17.377 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VN087494.D
Acq: 08 Aug 2025 10:39

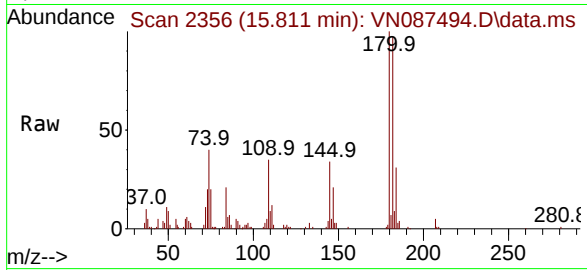
Tgt Ion:128 Resp: 307503
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.4
129 11.2 8.9 13.3





#92
 1,2,3-Trichlorobenzene
 Concen: 17.883 ug/l
 RT: 15.811 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN087494.D
 Acq: 08 Aug 2025 10:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



Tgt Ion:	180	Resp:	82995
Ion Ratio	Lower	Upper	
180	100		
182	93.7	0.0	187.4
145	36.8	0.0	71.6

