

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101725\
 Data File : VN088055.D
 Acq On : 17 Oct 2025 09:29
 Operator : JC\MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0020

Quant Time: Oct 18 01:18:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100825W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 09 02:36:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.794	128	68741	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.076	114	379209	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.841	117	339769	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	168041	31.393	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 104.633%	
60) 4-Bromofluorobenzene	12.823	95	167508	29.905	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 99.700%	
63) Toluene-d8	10.541	98	462055	30.523	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.733%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	68956	17.514	ug/l	99
3) Chloromethane	2.383	50	75993	17.024	ug/l	94
4) Vinyl Chloride	2.536	62	81232	17.453	ug/l	99
5) Bromomethane	2.983	94	44810	17.904	ug/l	100
6) Chloroethane	3.136	64	53814	17.527	ug/l	95
7) Trichlorofluoromethane	3.518	101	114592	18.105	ug/l	98
8) Diethyl Ether	3.965	74	50172	17.544	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	36666	10.822	ug/l	58
10) 1,1-Dichloroethene	4.336	96	63401	17.542	ug/l	97
11) Methyl Iodide	4.583	142	47047	14.123	ug/l	87
12) Methyl Acetate	5.018	43	106336	18.097	ug/l #	89
13) Acrolein	4.177	56	83661	92.008	ug/l #	7
14) Acrylonitrile	5.706	53	242849	85.644	ug/l	98
15) Acetone	4.424	58	75696	91.155	ug/l	90
16) Carbon Disulfide	4.706	76	194894	17.201	ug/l	98
17) Allyl chloride	5.012	41	117651	17.251	ug/l	96
18) Methylene Chloride	5.265	84	79827	17.377	ug/l	98
19) trans-1,2-Dichloroethene	5.777	96	73008	17.471	ug/l #	82
20) Diisopropyl ether	6.659	45	279601	18.007	ug/l	97
21) 1,1-Dichloroethane	6.553	63	144503	17.877	ug/l	98
22) cis-1,2-Dichloroethene	7.471	96	89581	17.125	ug/l	97
23) tert-Butyl Alcohol	5.518	59	88279	77.626	ug/l #	100
24) Methyl tert-Butyl Ether	5.783	73	272797	17.486	ug/l	99
25) Chloroform	7.947	83	148031	17.747	ug/l	95
26) Cyclohexane	8.235	56	116788	17.439	ug/l #	95
29) 1,1-Dichloropropene	8.353	75	97631	17.962	ug/l	97
30) 2-Butanone	7.465	43	359946	89.786	ug/l	99
31) 2,2-Dichloropropane	7.477	77	128404	18.334	ug/l	98
32) 1,1,1-Trichloroethane	8.147	97	123879	18.239	ug/l	98
33) Carbon Tetrachloride	8.341	117	100535	17.672	ug/l	97
34) Benzene	8.588	78	322407	17.882	ug/l	97
35) Methacrylonitrile	7.765	41	70160	16.643	ug/l	99
36) 1,2-Dichloroethane	8.653	62	115989	18.531	ug/l	98
37) Trichloroethene	9.329	130	72198	16.902	ug/l	93
38) Methylcyclohexane	9.582	83	114412	17.044	ug/l	96
39) 1,2-Dichloropropane	9.600	63	80429	17.791	ug/l	99
40) Dibromomethane	9.688	93	59612	18.115	ug/l	94
41) Bromodichloromethane	9.865	83	120031	17.860	ug/l	99
42) Vinyl Acetate	6.588	43	1261882	92.397	ug/l	96

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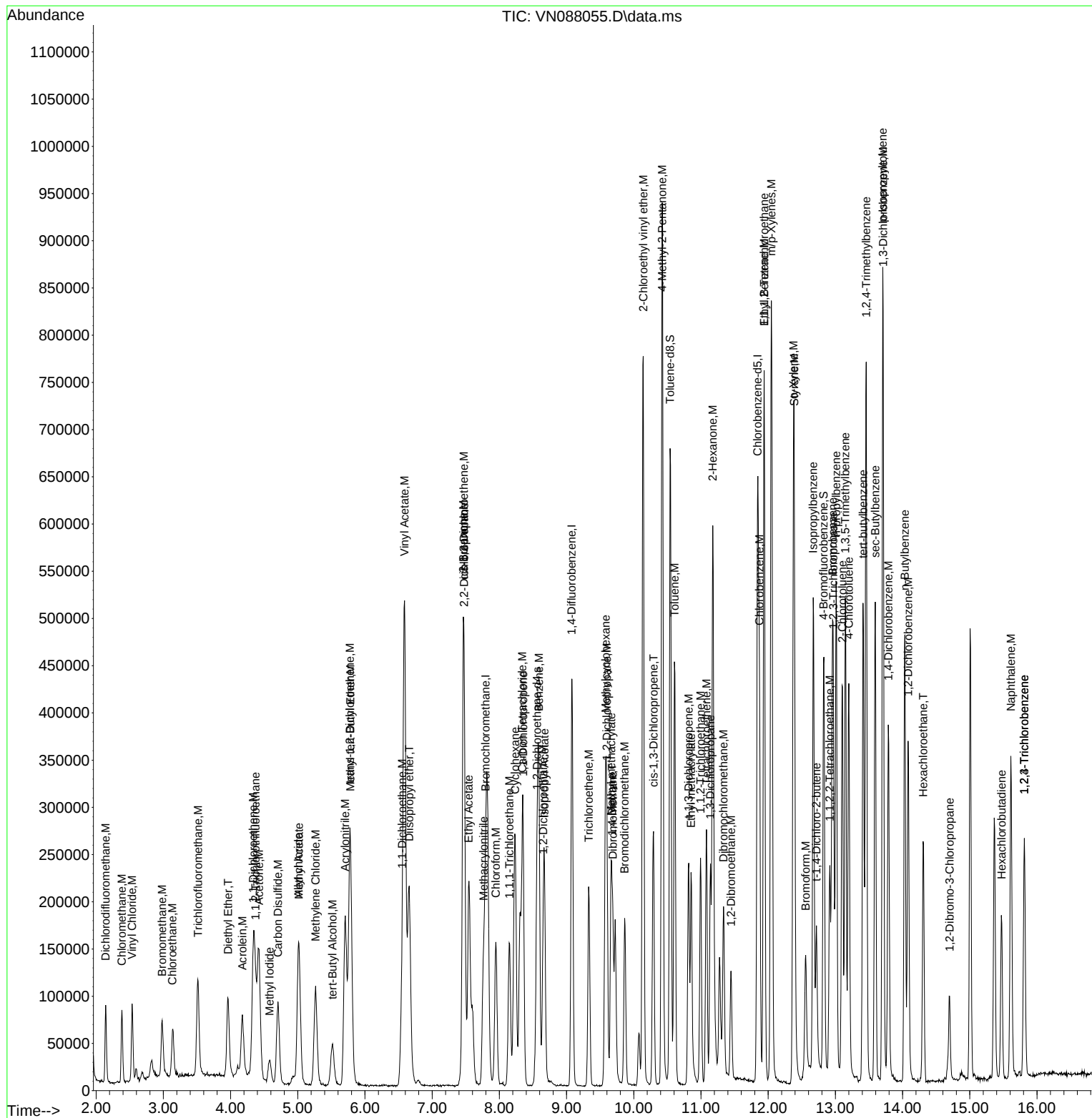
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.541	43	120187	15.596	ug/l #	92
44) Isopropyl Acetate	8.671	43	218478	17.358	ug/l	97
45) 1,4-Dioxane	9.676	88	25094	299.765	ug/l #	91
46) Methyl methacrylate	9.665	41	88156	15.904	ug/l	90
48) t-1,3-Dichloropropene	10.818	75	130980	17.526	ug/l	95
49) cis-1,3-Dichloropropene	10.294	75	139016	17.833	ug/l	95
50) 1,1,2-Trichloroethane	10.994	97	75536	17.333	ug/l	97
51) Ethyl methacrylate	10.853	69	126407	17.140	ug/l	97
52) 1,3-Dichloropropane	11.141	76	137378	18.069	ug/l	99
53) Dibromochloromethane	11.335	129	92038	17.666	ug/l	98
54) 1,2-Dibromoethane	11.447	107	80058	17.184	ug/l	97
55) 2-Chloroethyl vinyl ether	10.141	63	353530	88.807	ug/l	98
56) Bromoform	12.559	173	57223	16.246	ug/l	96
58) 4-Methyl-2-Pentanone	10.423	43	661034	86.980	ug/l	98
59) 2-Hexanone	11.176	43	450152	89.713	ug/l	99
61) Tetrachloroethene	11.082	164	57616	16.745	ug/l	96
62) Toluene	10.606	91	339113	17.595	ug/l	99
64) Chlorobenzene	11.870	112	213944	17.379	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.941	131	74677	17.603	ug/l	98
66) Ethyl Benzene	11.941	91	369860	17.649	ug/l	100
67) m/p-Xylenes	12.047	106	283387	35.077	ug/l	97
68) o-Xylene	12.376	106	137374	17.081	ug/l	94
69) Styrene	12.388	104	230855	17.352	ug/l	99
70) Isopropylbenzene	12.670	105	342498	17.376	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.917	83	116626	17.452	ug/l	100
72) 1,2,3-Trichloropropane	12.970	75	154802	24.942	ug/l	59
73) Bromobenzene	12.959	156	80810	16.773	ug/l	93
74) n-propylbenzene	13.012	91	418345	17.581	ug/l	98
75) 2-Chlorotoluene	13.106	91	256739	17.646	ug/l	99
76) 1,3,5-Trimethylbenzene	13.147	105	292691	17.481	ug/l	98
77) t-1,4-Dichloro-2-butene	12.717	75	36843	14.896	ug/l	83
78) 4-Chlorotoluene	13.200	91	263876	17.851	ug/l	97
79) tert-butylbenzene	13.412	119	257431	17.735	ug/l	100
80) 1,2,4-Trimethylbenzene	13.459	105	292967	17.478	ug/l	96
81) sec-Butylbenzene	13.594	105	361492	17.713	ug/l	98
82) p-Isopropyltoluene	13.706	119	307176	17.630	ug/l	98
83) 1,3-Dichlorobenzene	13.711	146	155053	17.105	ug/l	98
84) 1,4-Dichlorobenzene	13.788	146	157460	16.843	ug/l	99
85) n-Butylbenzene	14.035	91	287279	17.722	ug/l	99
86) Hexachloroethane	14.306	117	61461	17.608	ug/l	88
87) 1,2-Dichlorobenzene	14.082	146	153219	17.185	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.700	75	26516	17.276	ug/l	91
89) 1,2,4-Trichlorobenzene	15.811	180	84590	15.928	ug/l	99
90) Hexachlorobutadiene	15.476	225	29490	15.955	ug/l	99
91) Naphthalene	15.611	128	314372	16.169	ug/l	100
92) 1,2,3-Trichlorobenzene	15.811	180	84590	15.928	ug/l	99

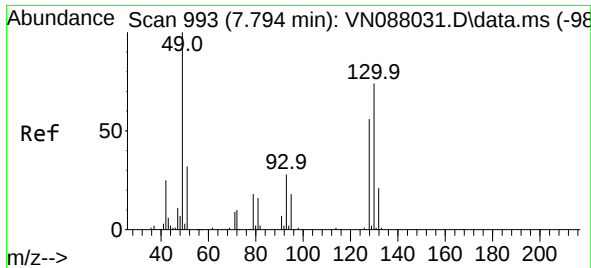
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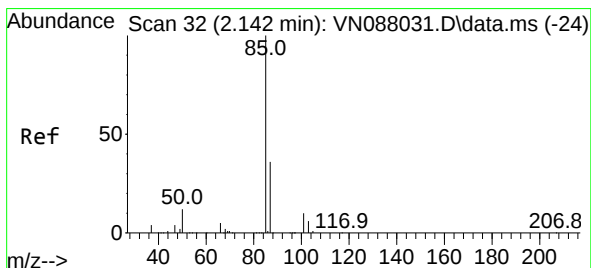
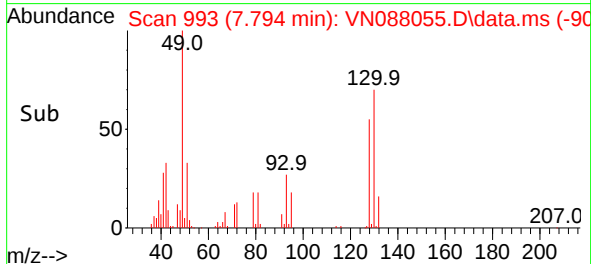
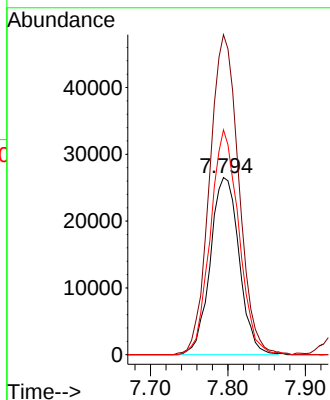
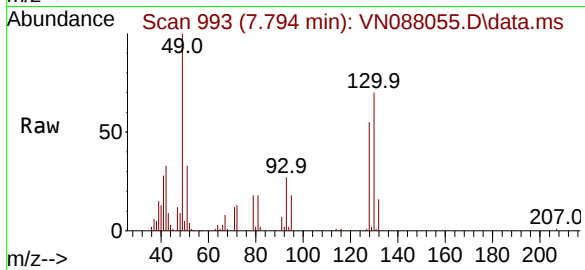




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 993
Delta R.T. 0.000 min
Lab File: VN088055.D
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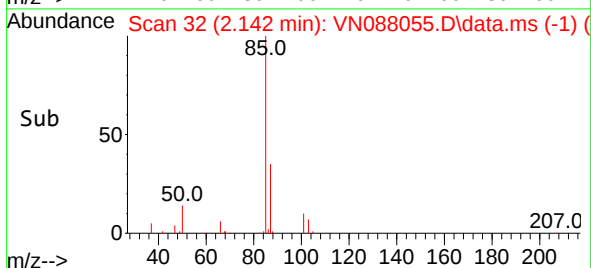
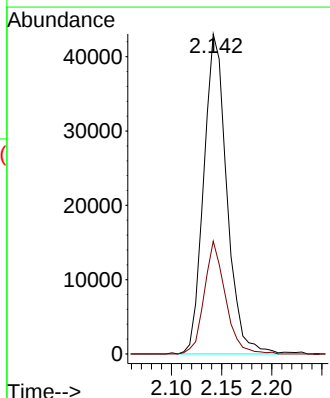
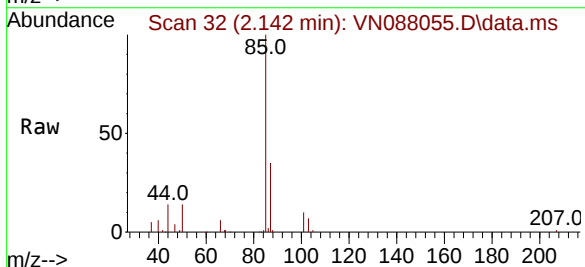
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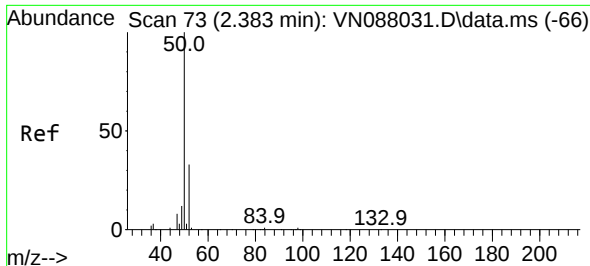
Tgt Ion:128 Resp: 68741
Ion Ratio Lower Upper
128 100
49 182.6 0.0 439.8
130 124.8 0.0 325.8



#2
Dichlorodifluoromethane
Concen: 17.514 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

Tgt Ion: 85 Resp: 68956
Ion Ratio Lower Upper
85 100
87 35.3 17.9 53.8

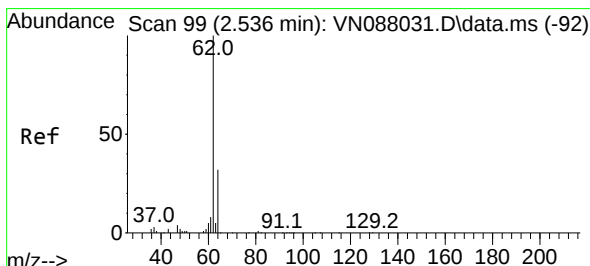
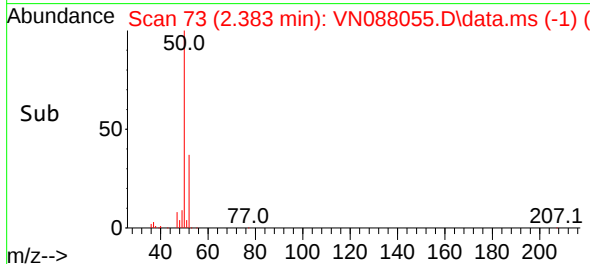
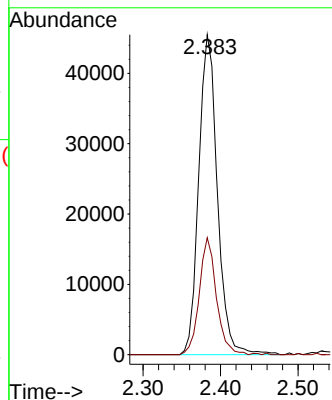
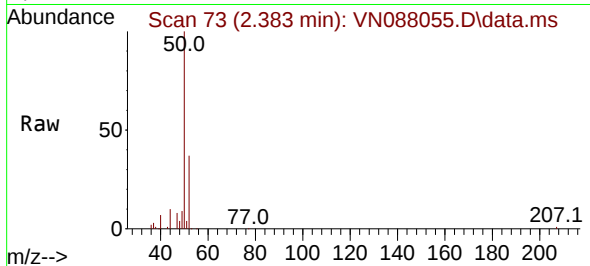




#3
Chloromethane
Concen: 17.024 ug/l
RT: 2.383 min Scan# 73
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

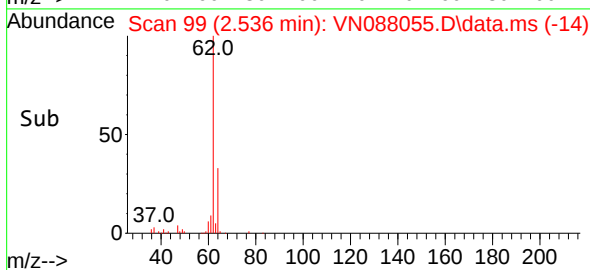
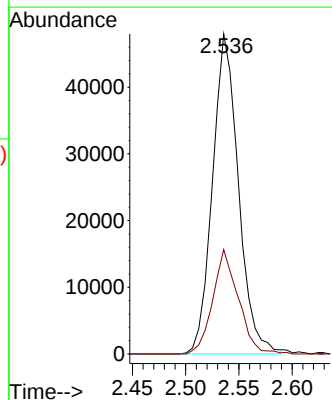
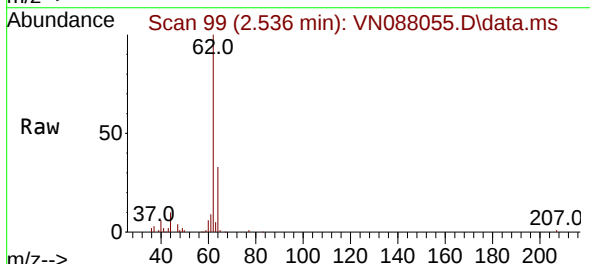
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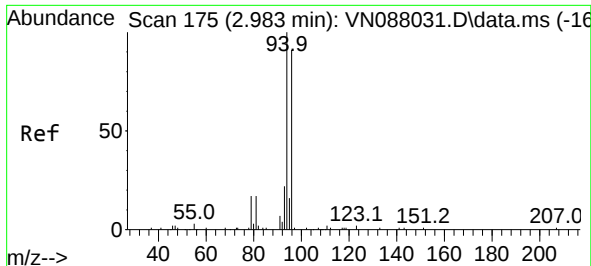
Tgt Ion: 50 Resp: 75993
Ion Ratio Lower Upper
50 100
52 36.6 26.3 39.5



#4
Vinyl Chloride
Concen: 17.453 ug/l
RT: 2.536 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

Tgt Ion: 62 Resp: 81232
Ion Ratio Lower Upper
62 100
64 32.6 25.7 38.5

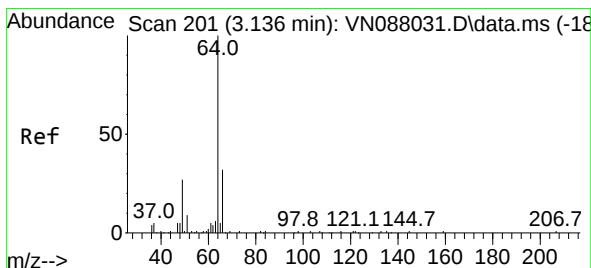
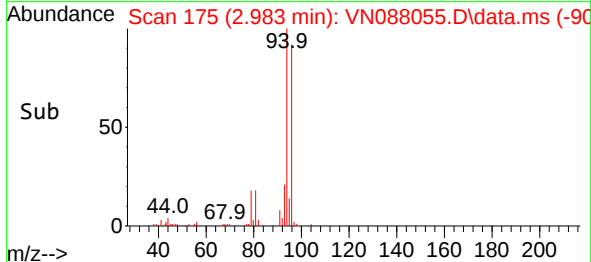
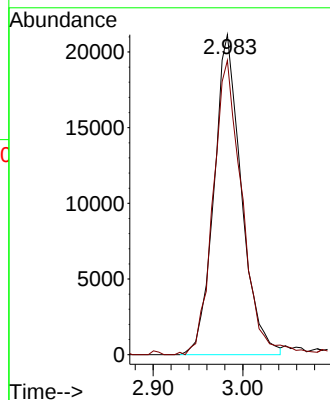
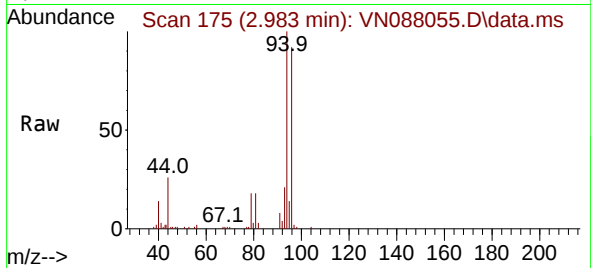




#5
Bromomethane
Concen: 17.904 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

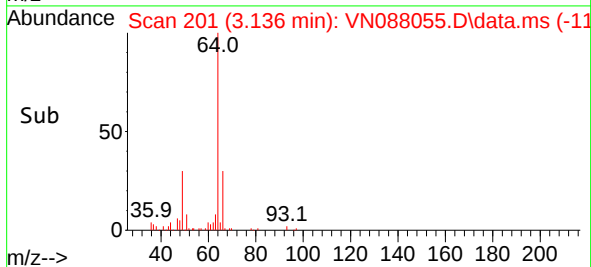
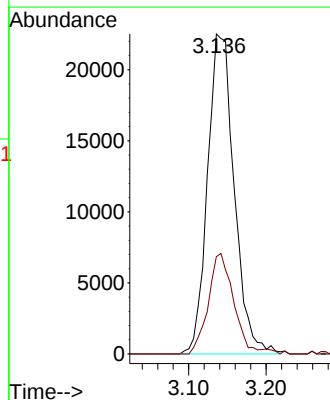
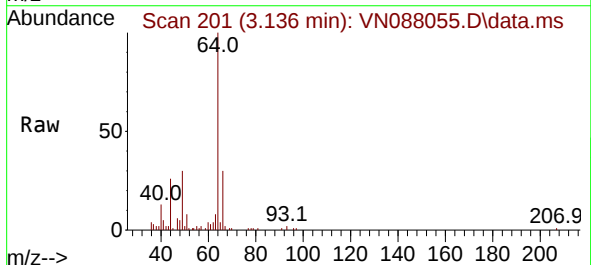
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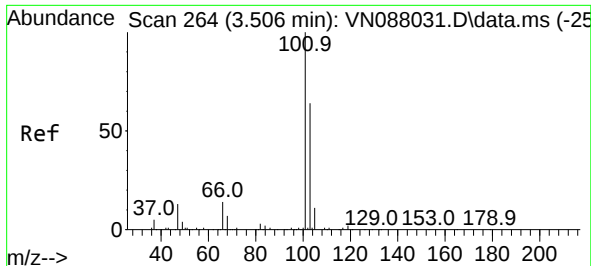
Tgt Ion: 94 Resp: 44810
Ion Ratio Lower Upper
94 100
96 91.2 73.0 109.4



#6
Chloroethane
Concen: 17.527 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

Tgt Ion: 64 Resp: 53814
Ion Ratio Lower Upper
64 100
66 30.4 26.8 40.2

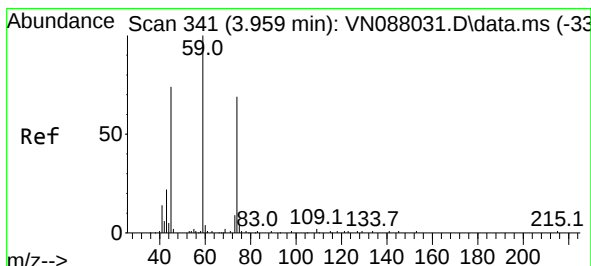
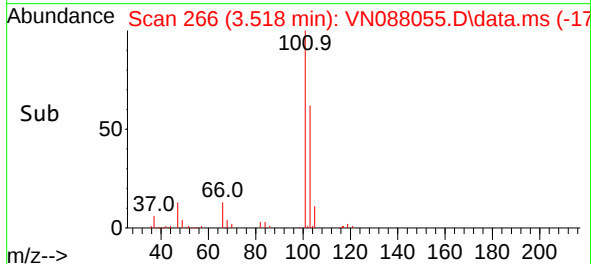
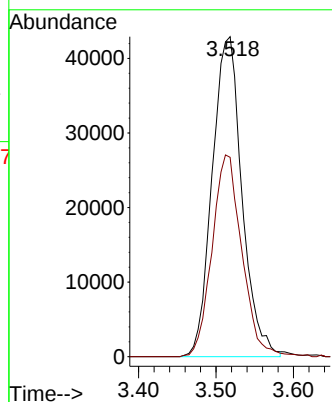
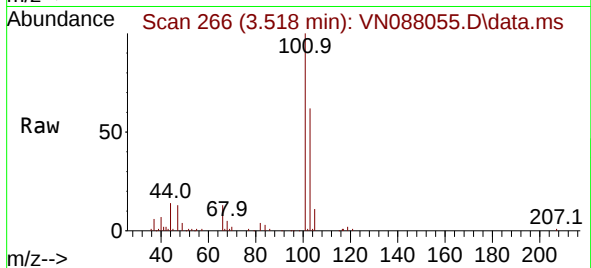




#7
 Trichlorofluoromethane
 Concen: 18.105 ug/l
 RT: 3.518 min Scan# 20
 Delta R.T. 0.012 min
 Lab File: VN088055.D
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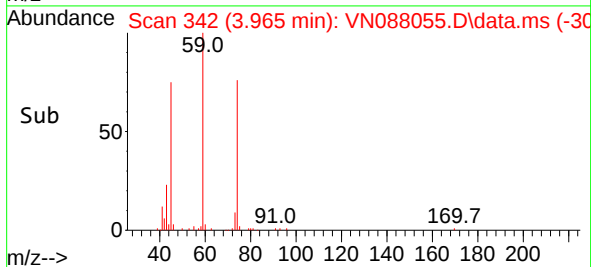
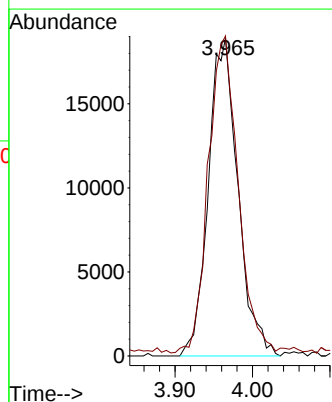
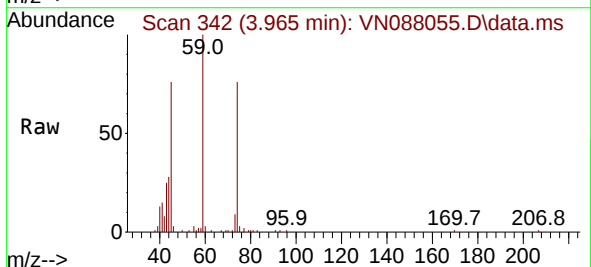
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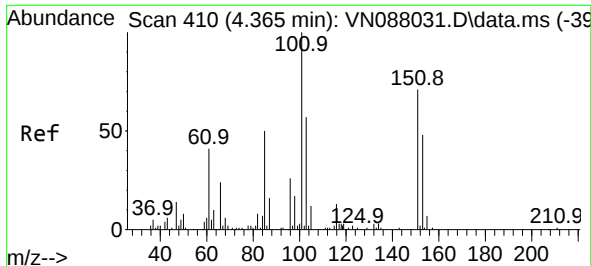
Tgt Ion:101 Resp: 114592
 Ion Ratio Lower Upper
 101 100
 103 62.3 51.0 76.4



#8
 Diethyl Ether
 Concen: 17.544 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN088055.D
 Acq: 17 Oct 2025 09:29

Tgt Ion: 74 Resp: 50172
 Ion Ratio Lower Upper
 74 100
 45 99.5 20.4 183.8

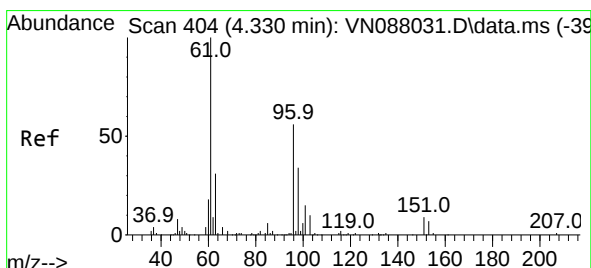
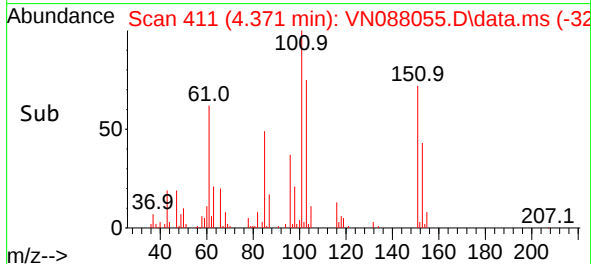
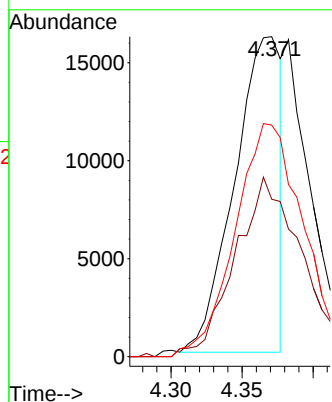
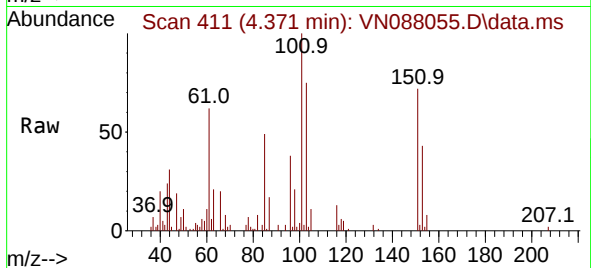




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.822 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. 0.006 min
 Lab File: VN088055.D
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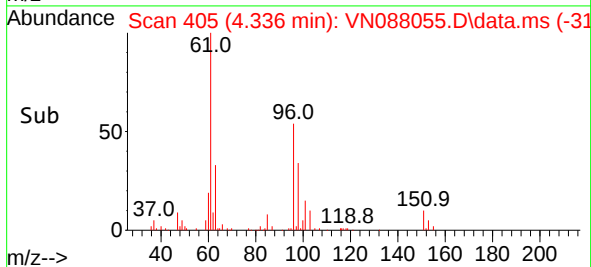
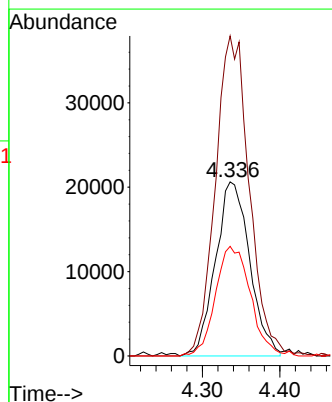
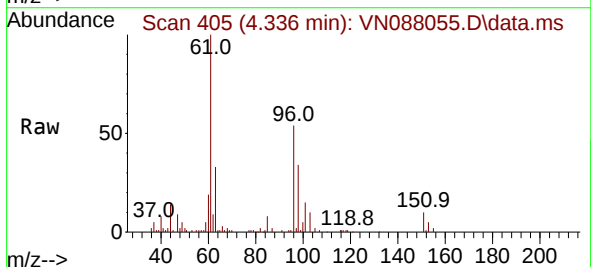
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 ClientSampleId :
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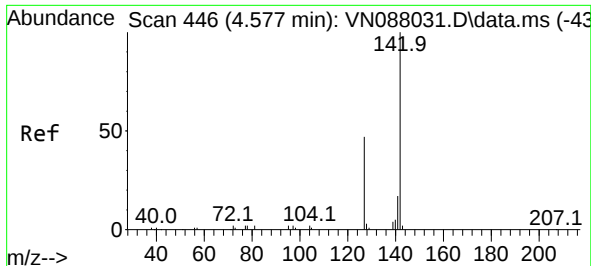
Tgt Ion:101 Resp: 36666
 Ion Ratio Lower Upper
 101 100
 85 77.6 0.0 103.2
 151 108.4 0.0 141.4



#10
 1,1-Dichloroethene
 Concen: 17.542 ug/l
 RT: 4.336 min Scan# 405
 Delta R.T. 0.006 min
 Lab File: VN088055.D
 Acq: 17 Oct 2025 09:29

Tgt Ion: 96 Resp: 63401
 Ion Ratio Lower Upper
 96 100
 61 183.9 144.1 216.1
 98 63.0 49.0 73.6

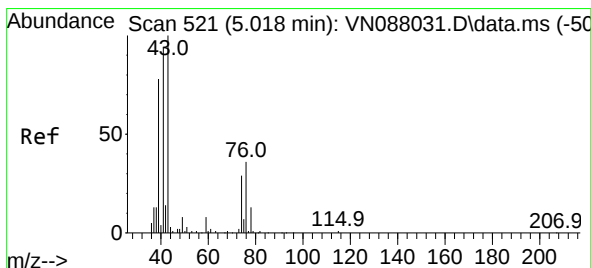
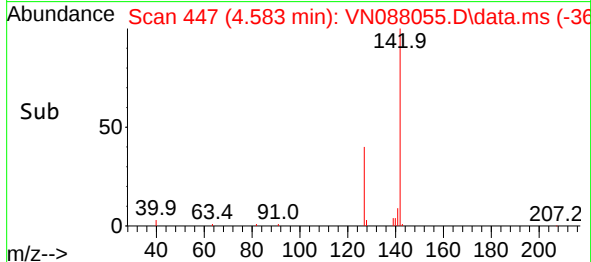
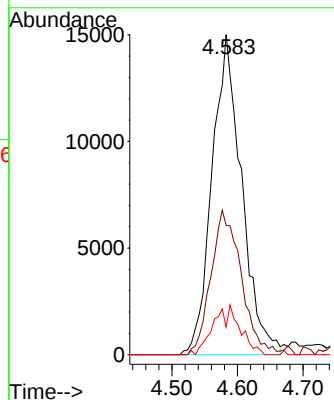
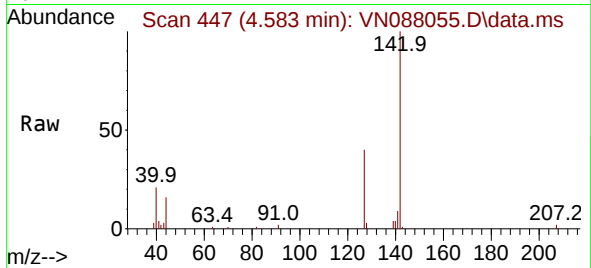




#11
Methyl Iodide
Concen: 14.123 ug/l
RT: 4.583 min Scan# 446
Delta R.T. 0.006 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

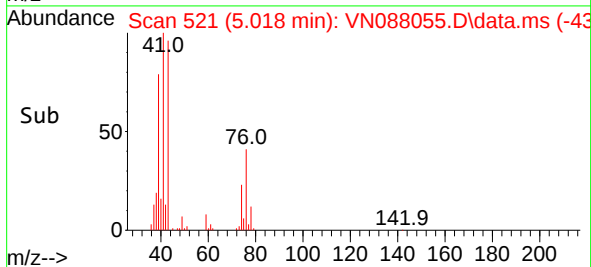
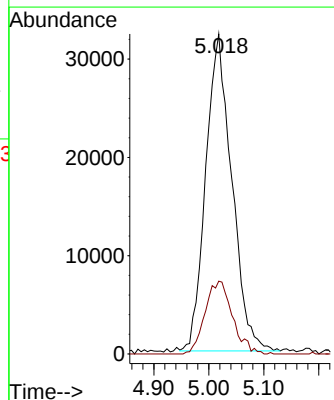
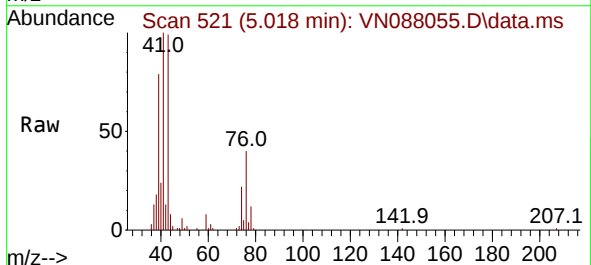
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

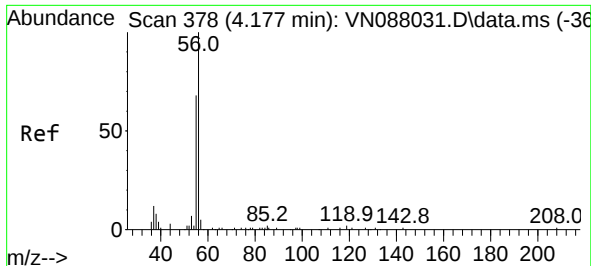
Tgt Ion:142 Resp: 47047
Ion Ratio Lower Upper
142 100
127 40.4 23.4 70.3
141 8.8 8.8 26.2



#12
Methyl Acetate
Concen: 18.097 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

Tgt Ion: 43 Resp: 106336
Ion Ratio Lower Upper
43 100
74 23.0 23.3 34.9#

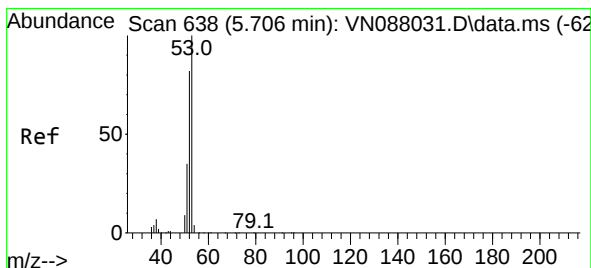
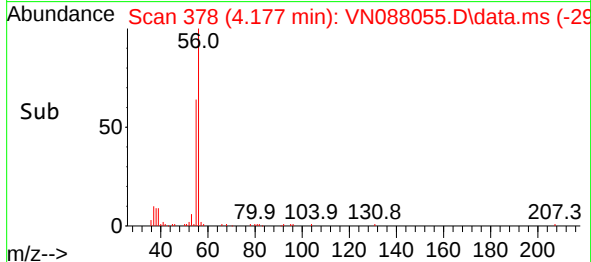
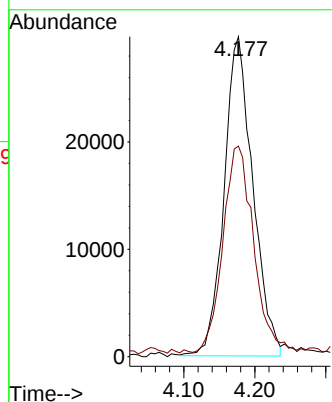
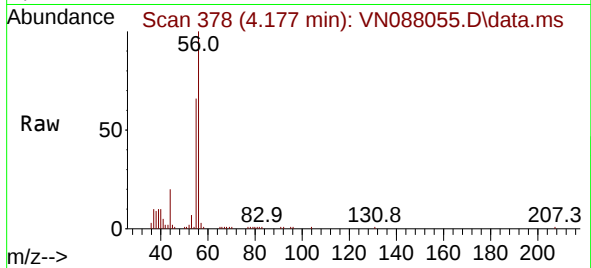




#13
Acrolein
Concen: 92.008 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

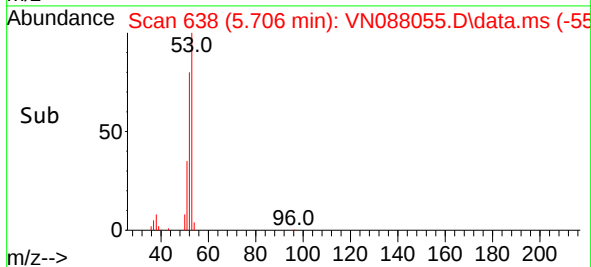
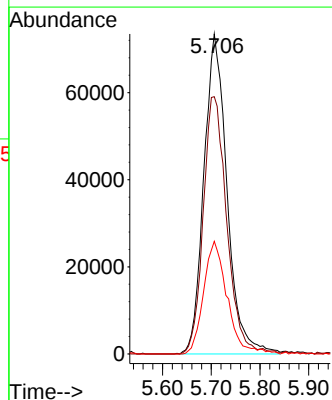
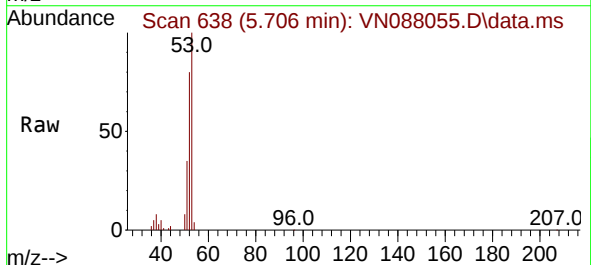
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

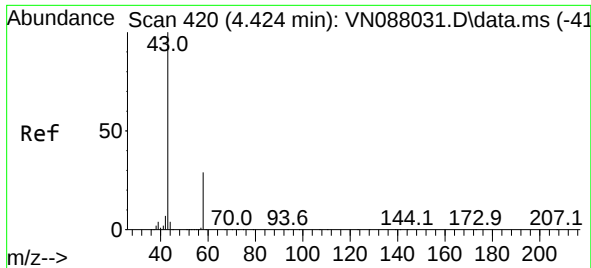
Tgt Ion: 56 Resp: 83661
Ion Ratio Lower Upper
56 100
55 70.3 0.3 0.5#



#14
Acrylonitrile
Concen: 85.644 ug/l
RT: 5.706 min Scan# 638
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

Tgt Ion: 53 Resp: 242849
Ion Ratio Lower Upper
53 100
52 81.0 41.3 124.1
51 35.2 18.0 54.0





#15

Acetone

Concen: 91.155 ug/l

RT: 4.424 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN088055.D

Acq: 17 Oct 2025 09:29

Instrument :

MSVOA_N

ClientSampleId :

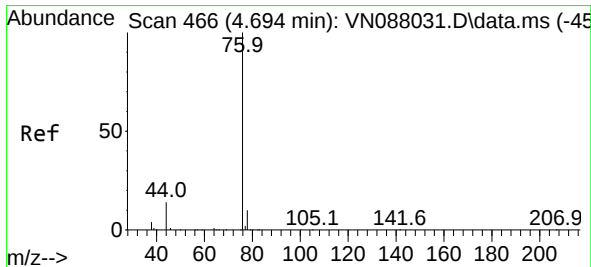
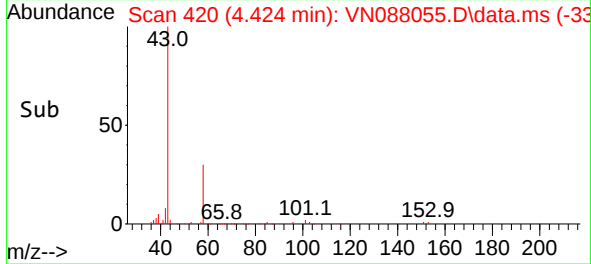
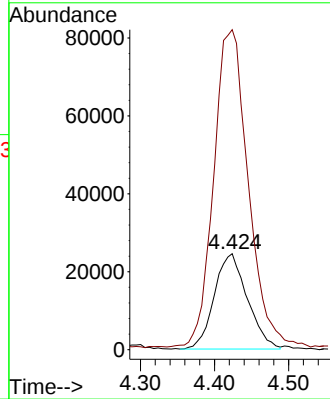
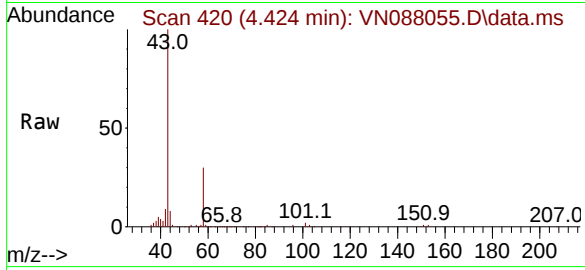
VSTDCCC020

Tgt Ion: 58 Resp: 75696

Ion Ratio Lower Upper

58 100

43 331.0 282.6 424.0



#16

Carbon Disulfide

Concen: 17.201 ug/l

RT: 4.706 min Scan# 468

Delta R.T. 0.012 min

Lab File: VN088055.D

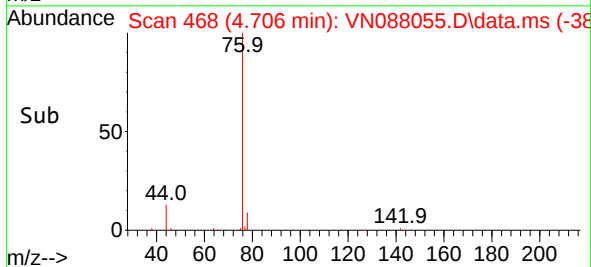
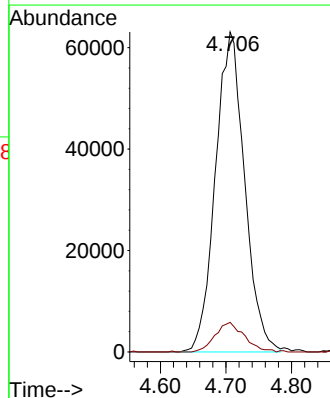
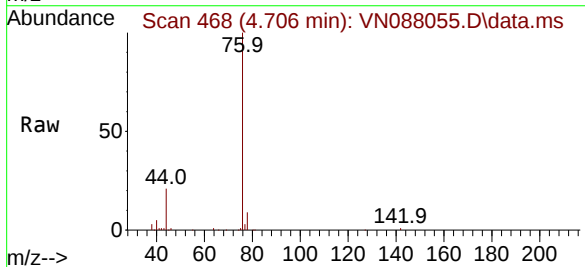
Acq: 17 Oct 2025 09:29

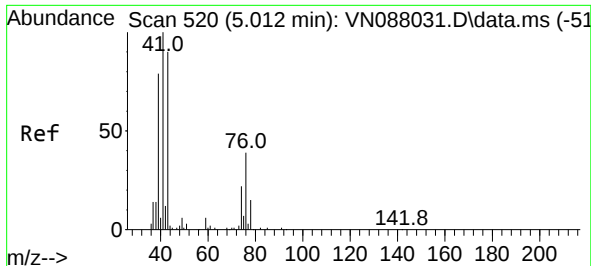
Tgt Ion: 76 Resp: 194894

Ion Ratio Lower Upper

76 100

78 9.2 7.8 11.8

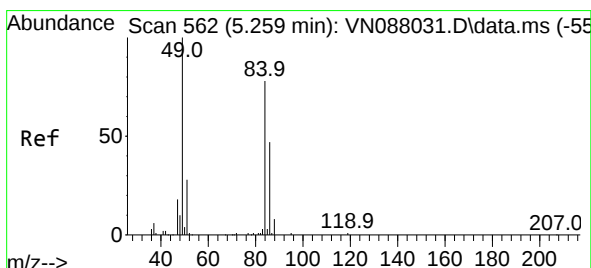
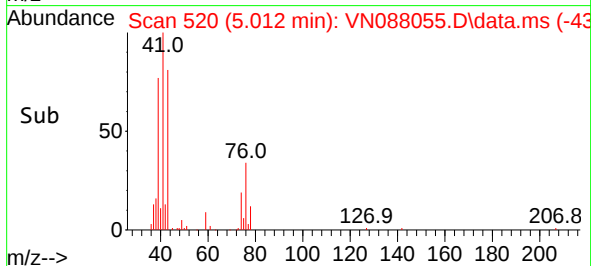
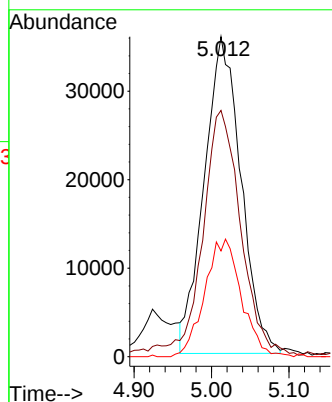
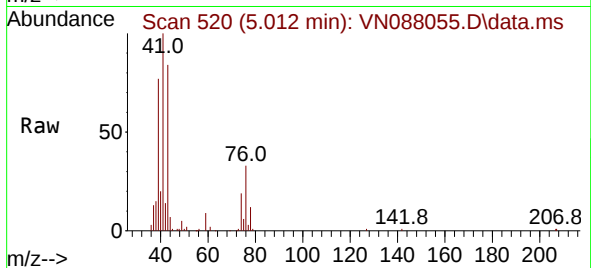




#17
 Allyl chloride
 Concen: 17.251 ug/l
 RT: 5.012 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN088055.D
 Acq: 17 Oct 2025 09:29

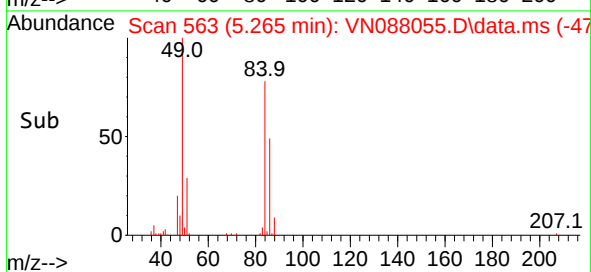
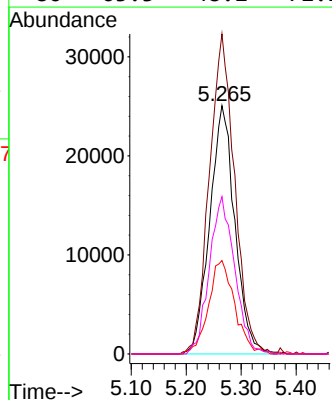
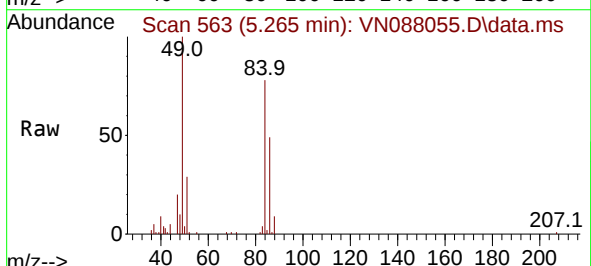
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

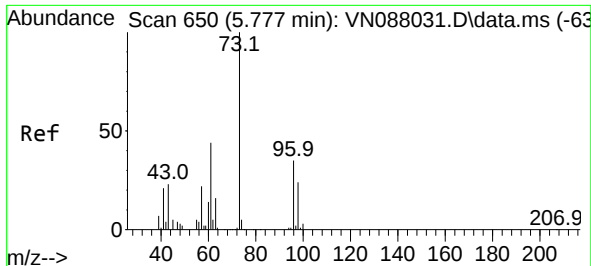
Tgt Ion:	41	Resp:	117651
Ion	Ratio	Lower	Upper
41	100		
39	75.7	36.4	109.2
76	32.8	18.1	54.1



#18
 Methylene Chloride
 Concen: 17.377 ug/l
 RT: 5.265 min Scan# 563
 Delta R.T. 0.006 min
 Lab File: VN088055.D
 Acq: 17 Oct 2025 09:29

Tgt Ion:	84	Resp:	79827
Ion	Ratio	Lower	Upper
84	100		
49	128.8	102.6	153.8
51	37.6	28.6	42.8
86	63.3	48.2	72.2

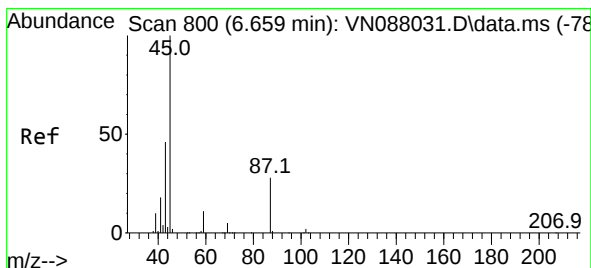
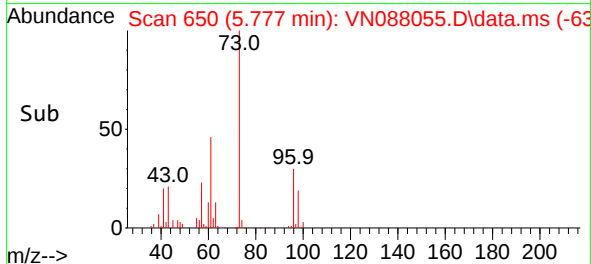
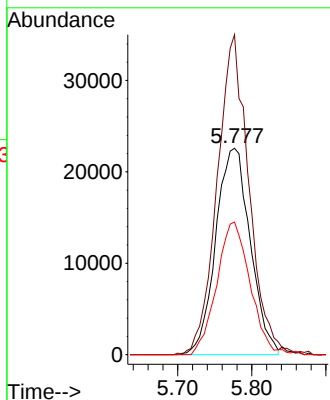
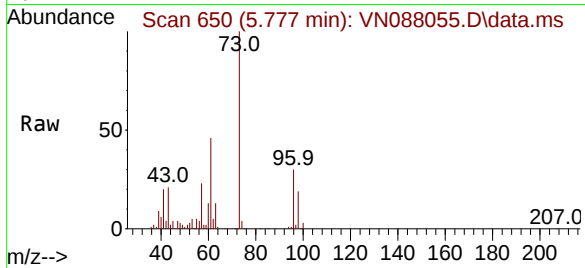




#19
trans-1,2-Dichloroethene
Concen: 17.471 ug/l
RT: 5.777 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

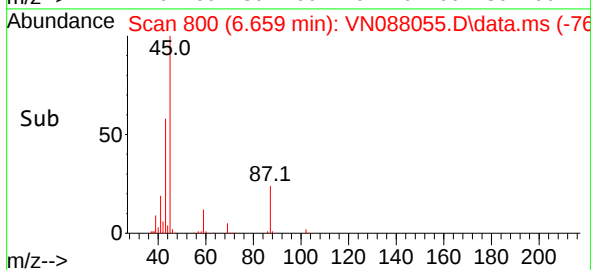
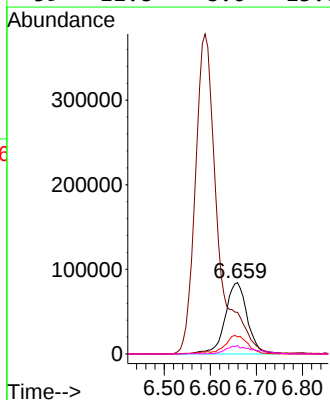
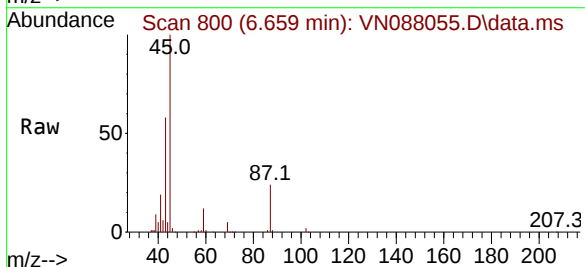
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

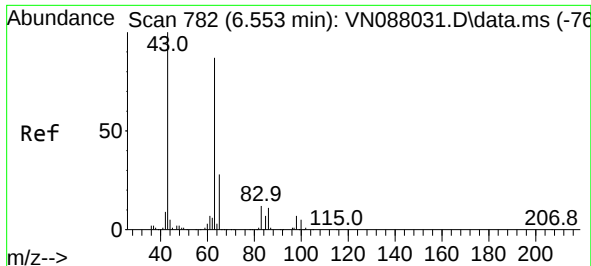
Tgt Ion: 96 Resp: 73008
Ion Ratio Lower Upper
96 100
61 154.3 100.6 151.0#
98 64.3 54.0 81.0



#20
Diisopropyl ether
Concen: 18.007 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

Tgt Ion: 45 Resp: 279601
Ion Ratio Lower Upper
45 100
43 56.6 46.1 69.1
87 24.0 22.3 33.5
59 11.8 8.6 13.0





#21

1,1-Dichloroethane

Concen: 17.877 ug/l

RT: 6.553 min Scan# 782

Delta R.T. 0.000 min

Lab File: VN088055.D

Acq: 17 Oct 2025 09:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

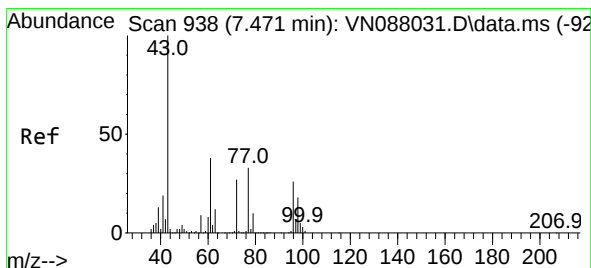
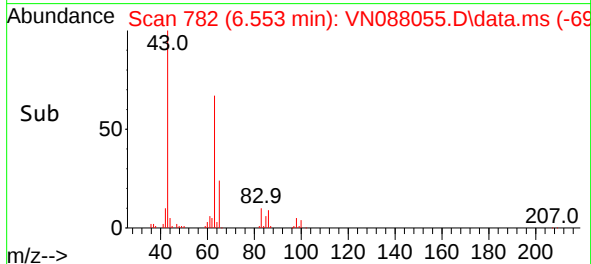
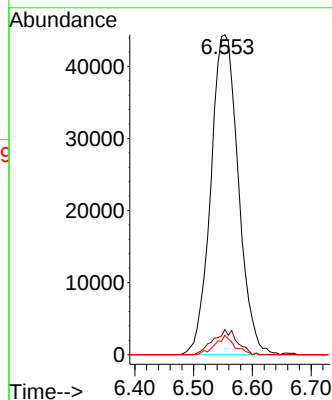
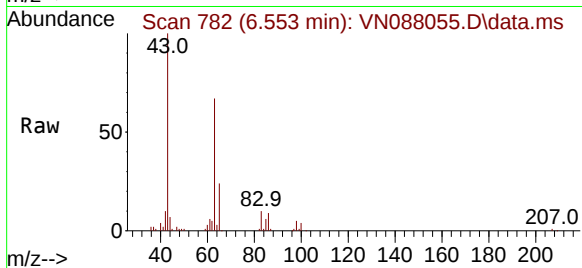
Tgt Ion: 63 Resp: 144503

Ion Ratio Lower Upper

63 100

98 7.8 4.3 12.8

100 6.0 2.6 8.0



#22

cis-1,2-Dichloroethene

Concen: 17.125 ug/l

RT: 7.471 min Scan# 938

Delta R.T. 0.000 min

Lab File: VN088055.D

Acq: 17 Oct 2025 09:29

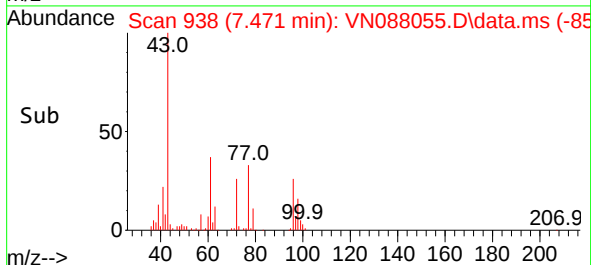
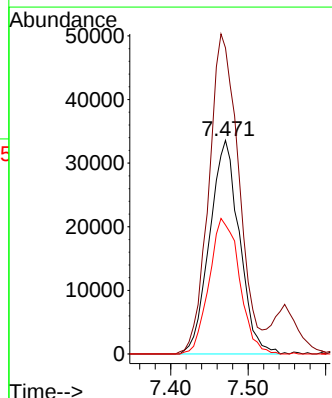
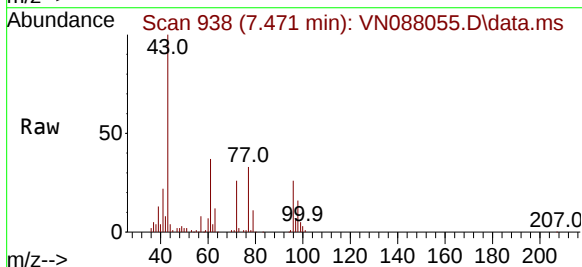
Tgt Ion: 96 Resp: 89581

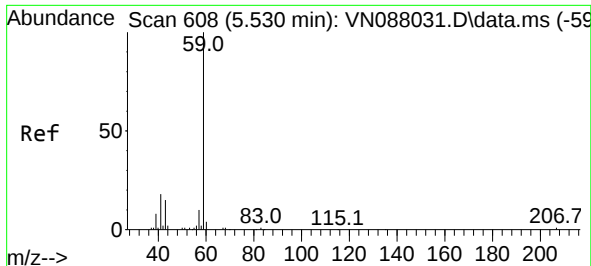
Ion Ratio Lower Upper

96 100

61 150.7 117.0 175.6

98 64.6 52.6 79.0

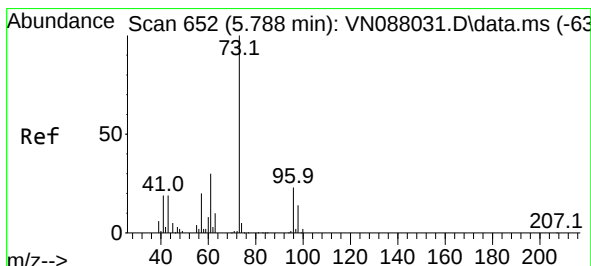
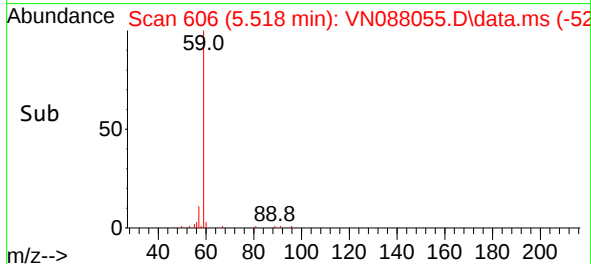
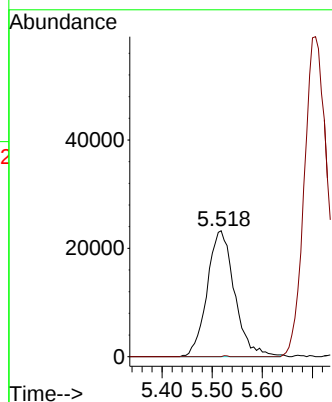
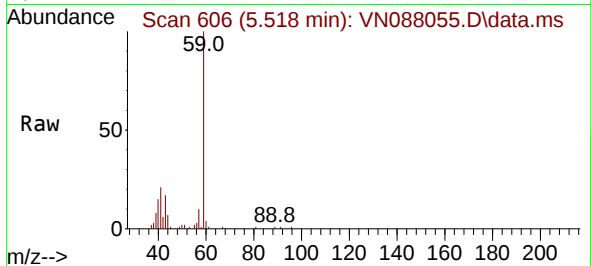




#23
tert-Butyl Alcohol
Concen: 77.626 ug/l
RT: 5.518 min Scan# 608
Delta R.T. -0.012 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

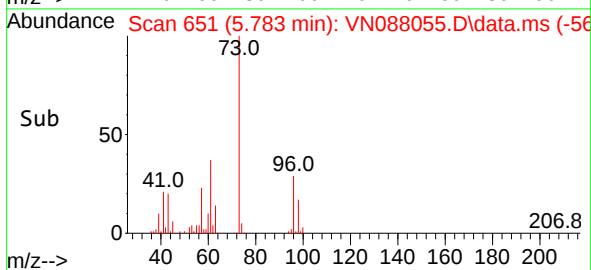
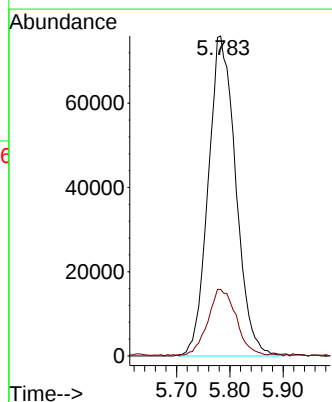
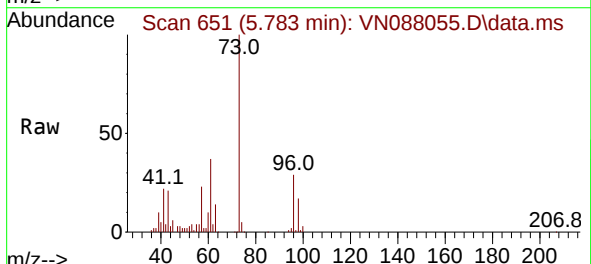
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

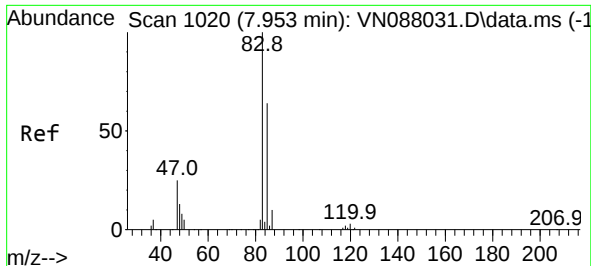
Tgt Ion: 59 Resp: 88279
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0#



#24
Methyl tert-Butyl Ether
Concen: 17.486 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

Tgt Ion: 73 Resp: 272797
Ion Ratio Lower Upper
73 100
43 20.9 17.0 25.4

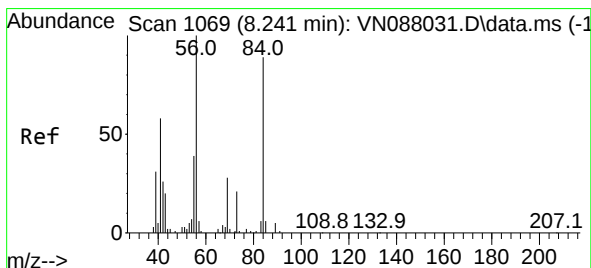
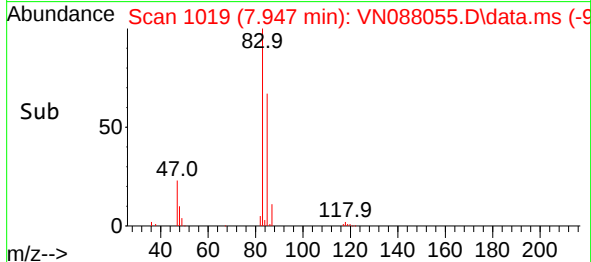
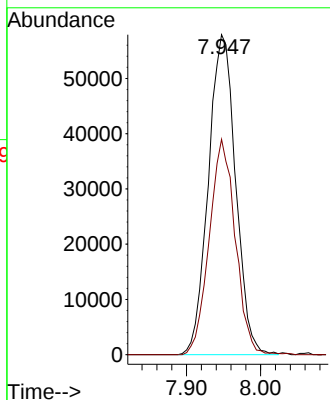
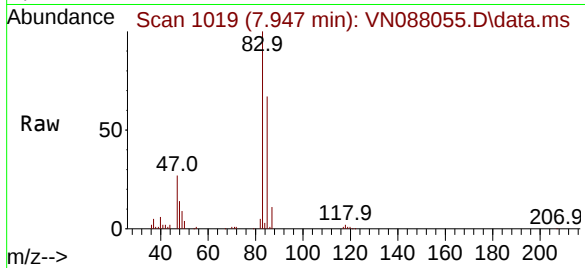




#25
Chloroform
Concen: 17.747 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

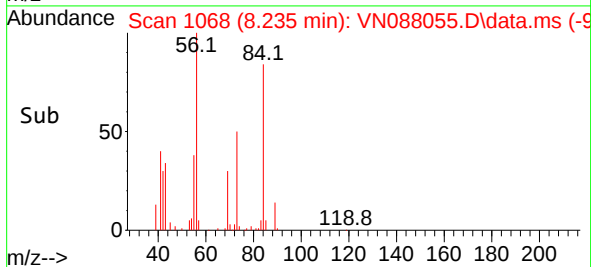
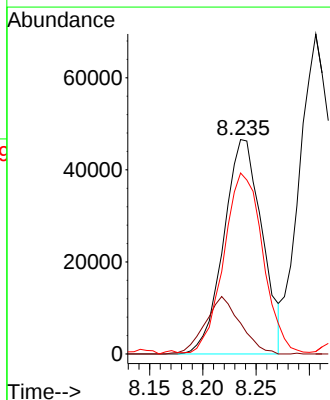
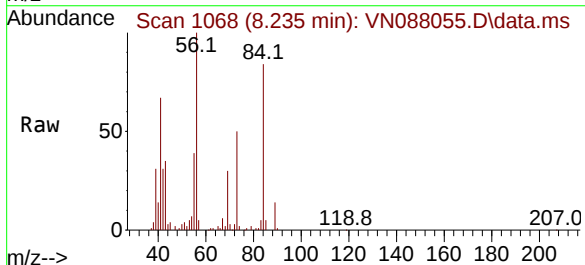
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

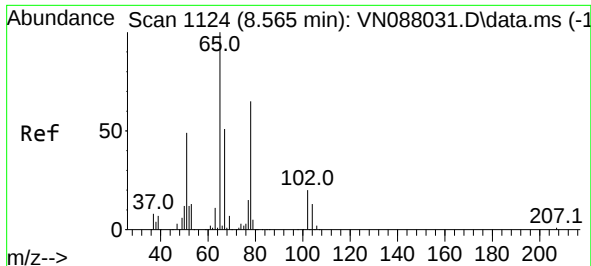
Tgt Ion: 83 Resp: 148031
Ion Ratio Lower Upper
83 100
85 67.3 50.9 76.3



#26
Cyclohexane
Concen: 17.439 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

Tgt Ion: 56 Resp: 116788
Ion Ratio Lower Upper
56 100
89 24.5 8.6 12.8#
84 86.3 69.6 104.4

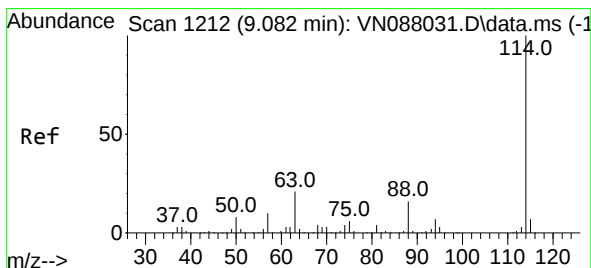
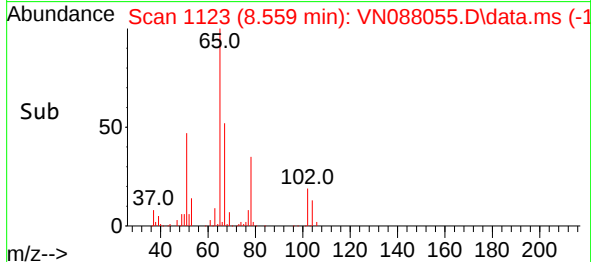
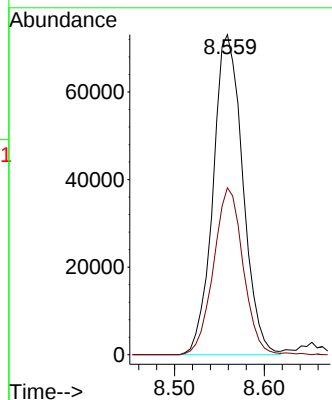
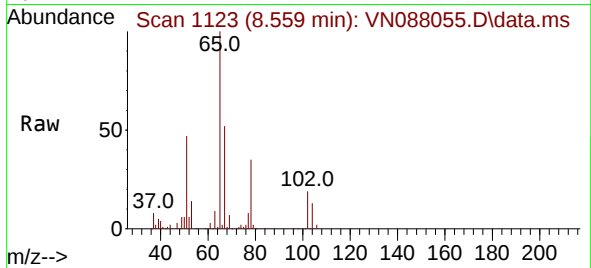




#27
 1,2-Dichloroethane-d4
 Concen: 31.393 ug/l
 RT: 8.559 min Scan# 1123
 Delta R.T. -0.006 min
 Lab File: VN088055.D
 Acq: 17 Oct 2025 09:29

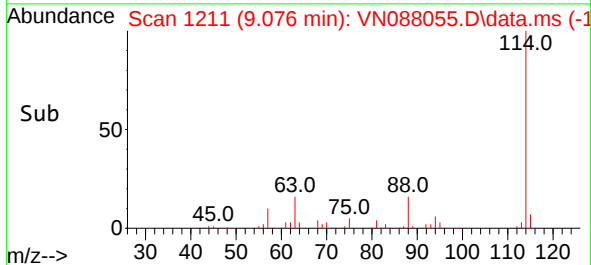
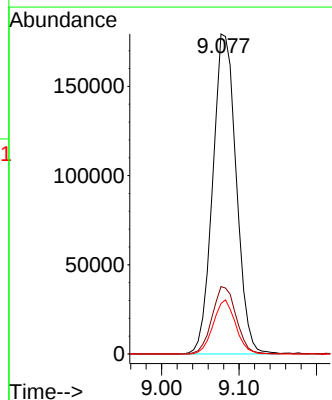
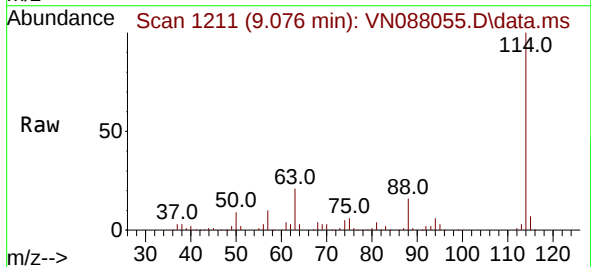
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

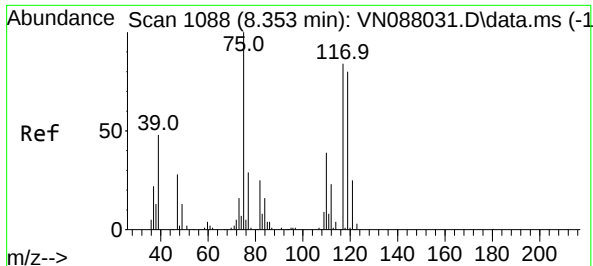
Tgt Ion: 65 Resp: 168041
 Ion Ratio Lower Upper
 65 100
 67 51.7 41.9 62.9



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.076 min Scan# 1211
 Delta R.T. -0.006 min
 Lab File: VN088055.D
 Acq: 17 Oct 2025 09:29

Tgt Ion: 114 Resp: 379209
 Ion Ratio Lower Upper
 114 100
 63 21.6 16.6 25.0
 88 16.0 12.6 18.8

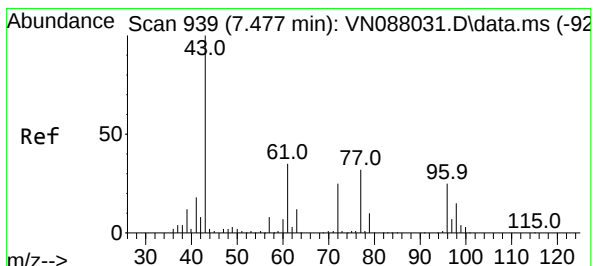
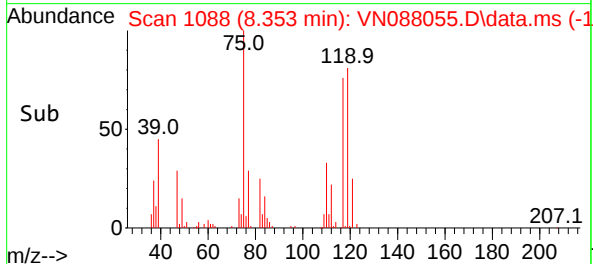
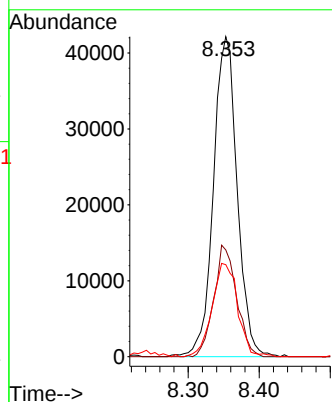
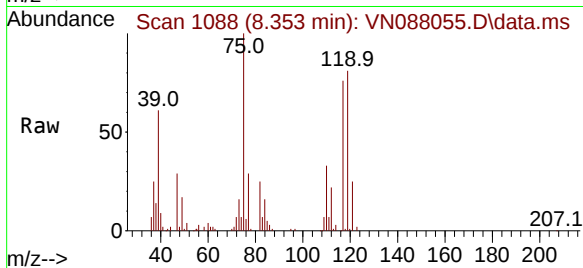




#29
1,1-Dichloropropene
Concen: 17.962 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

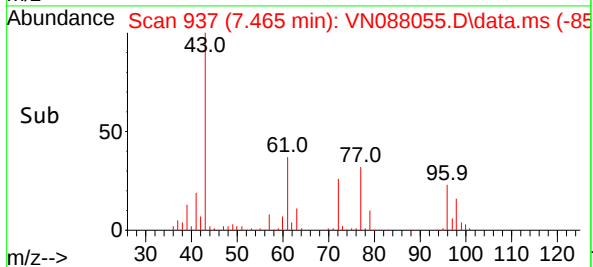
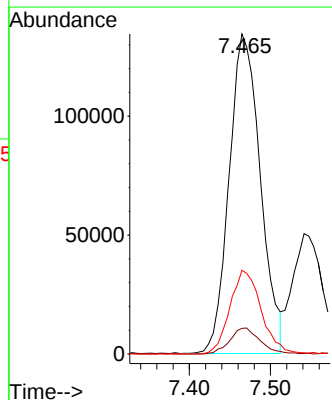
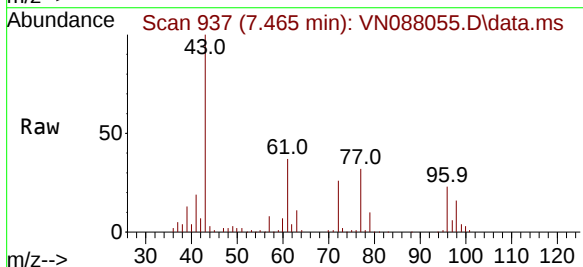
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

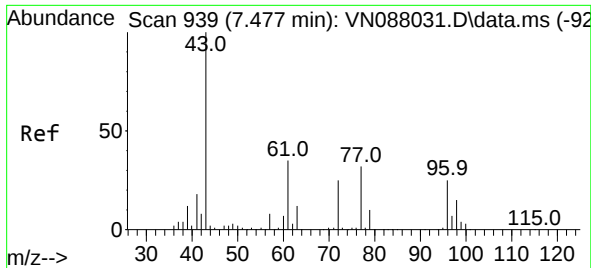
Tgt Ion: 75 Resp: 97631
Ion Ratio Lower Upper
75 100
110 33.4 0.0 72.2
77 31.3 0.0 60.6



#30
2-Butanone
Concen: 89.786 ug/l
RT: 7.465 min Scan# 937
Delta R.T. -0.012 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

Tgt Ion: 43 Resp: 359946
Ion Ratio Lower Upper
43 100
57 7.8 6.5 9.7
72 26.2 21.4 32.2

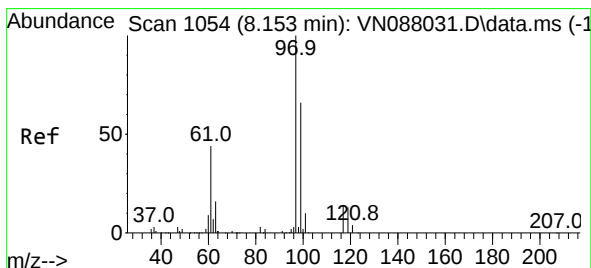
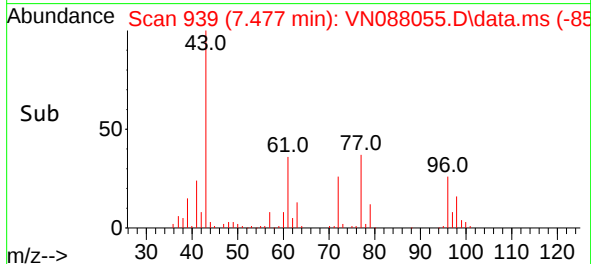
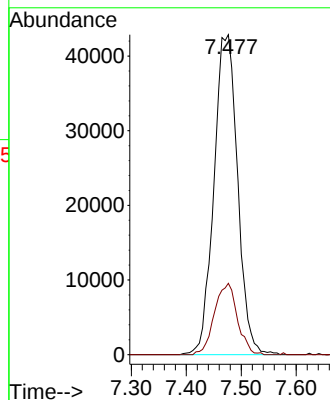
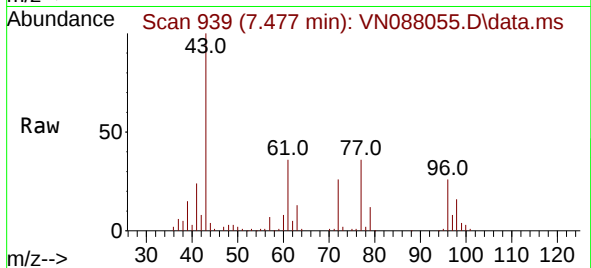




#31
2,2-Dichloropropane
Concen: 18.334 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

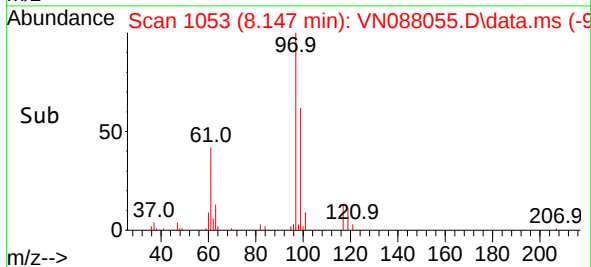
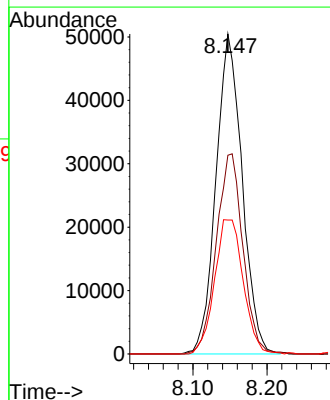
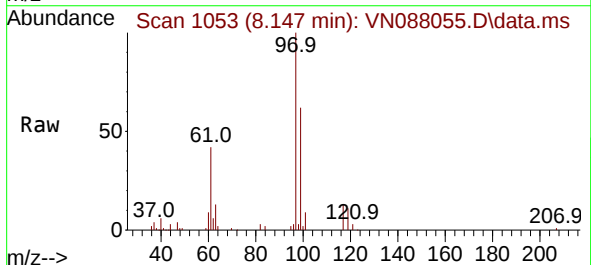
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

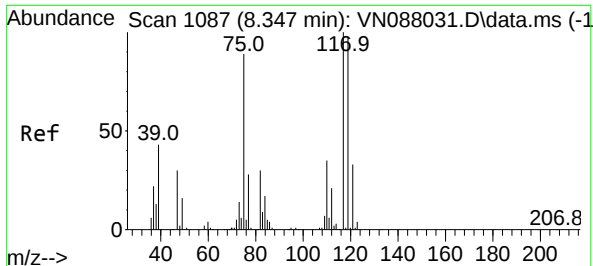
Tgt Ion: 77 Resp: 128404
Ion Ratio Lower Upper
77 100
97 21.5 17.8 26.8



#32
1,1,1-Trichloroethane
Concen: 18.239 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

Tgt Ion: 97 Resp: 123879
Ion Ratio Lower Upper
97 100
99 63.6 51.4 77.2
61 46.0 34.7 52.1

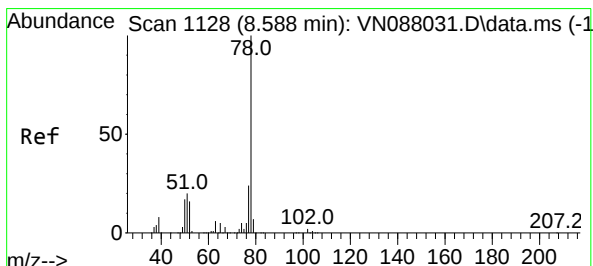
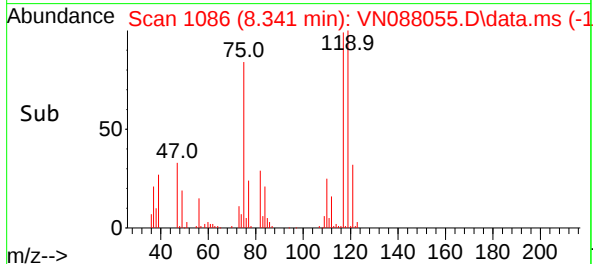
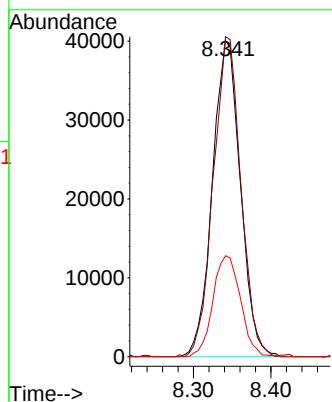
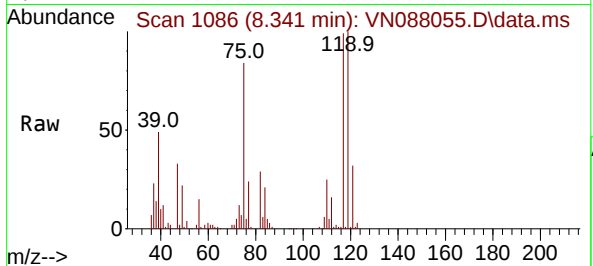




#33
Carbon Tetrachloride
Concen: 17.672 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.006 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

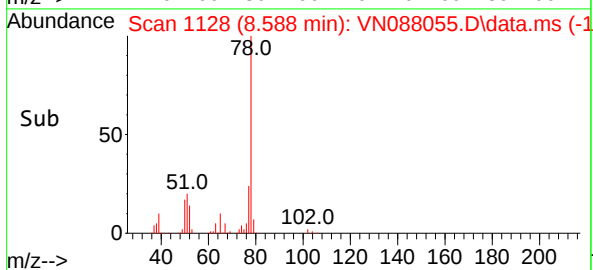
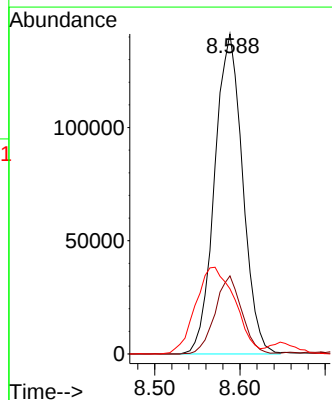
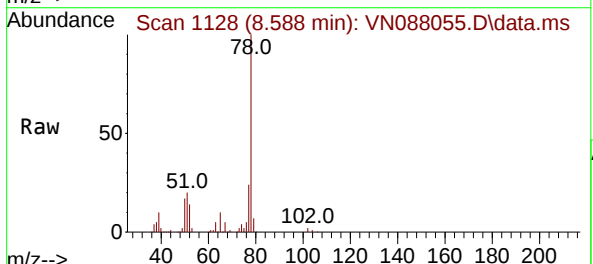
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

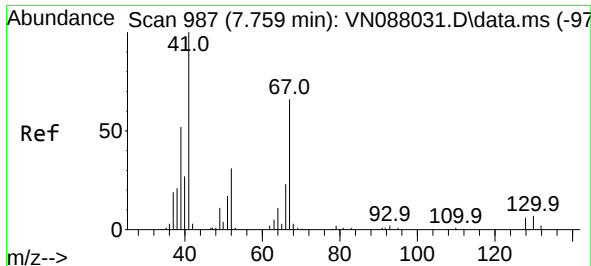
Tgt Ion:117 Resp: 100535
Ion Ratio Lower Upper
117 100
119 100.7 77.9 116.9
121 31.9 26.4 39.6



#34
Benzene
Concen: 17.882 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

Tgt Ion: 78 Resp: 322407
Ion Ratio Lower Upper
78 100
77 24.4 18.9 28.3
51 17.4 15.6 23.4



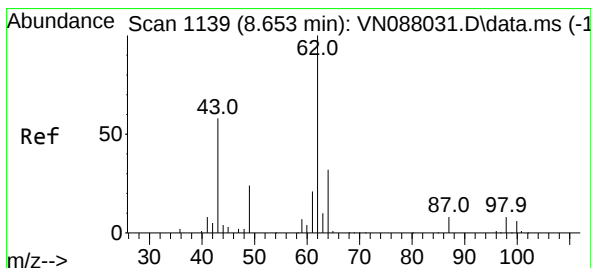
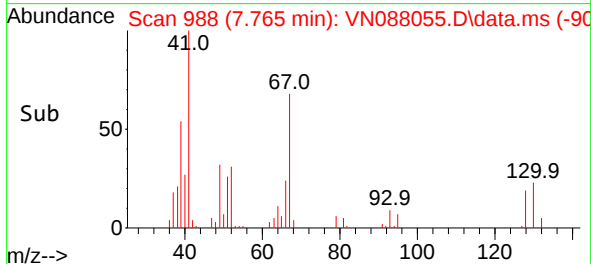
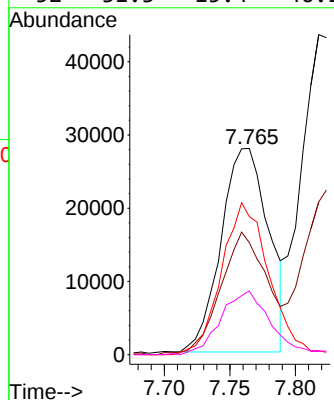
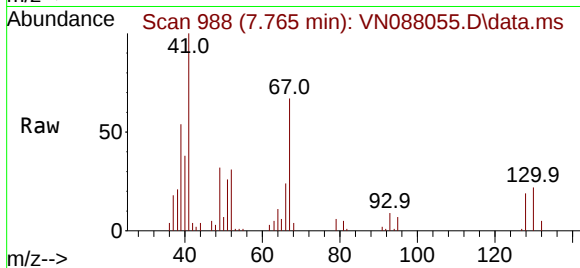


#35
Methacrylonitrile
Concen: 16.643 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 41 Resp: 70160

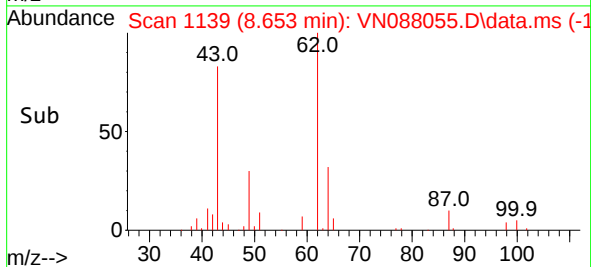
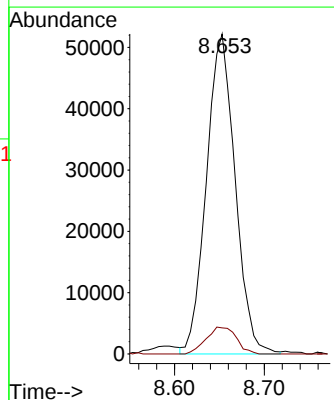
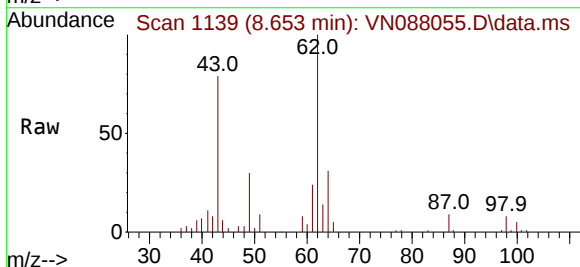
Ion	Ratio	Lower	Upper
41	100		
39	53.7	26.1	78.3
67	66.9	33.1	99.2
52	31.3	15.4	46.1

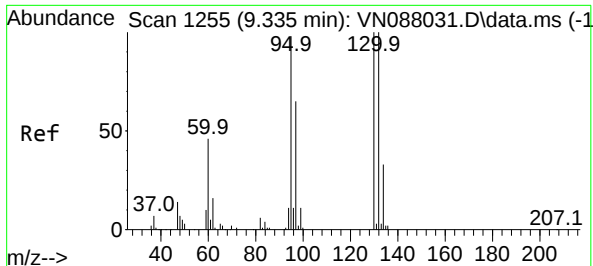


#36
1,2-Dichloroethane
Concen: 18.531 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

Tgt Ion: 62 Resp: 115989

Ion	Ratio	Lower	Upper
62	100		
98	8.8	7.8	11.6





#37

Trichloroethene

Concen: 16.902 ug/l

RT: 9.329 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN088055.D

Acq: 17 Oct 2025 09:29

Instrument :

MSVOA_N

ClientSampleId :

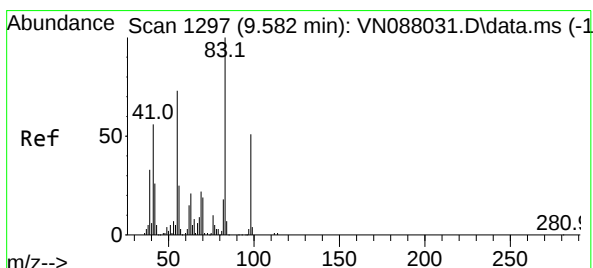
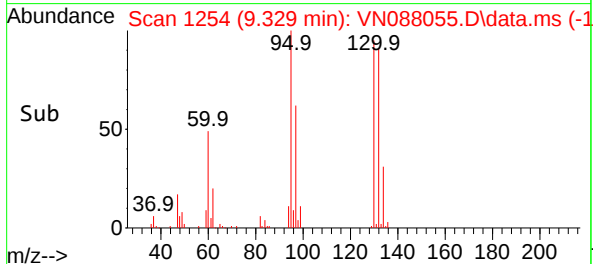
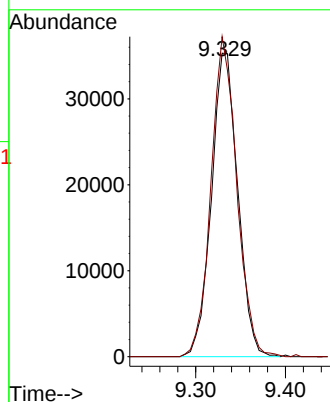
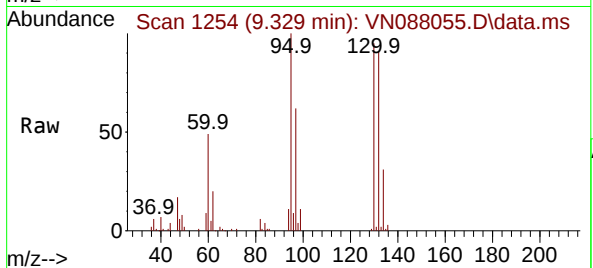
VSTDCCC020

Tgt Ion:130 Resp: 72198

Ion Ratio Lower Upper

130 100

95 105.4 78.7 118.1



#38

Methylcyclohexane

Concen: 17.044 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. 0.000 min

Lab File: VN088055.D

Acq: 17 Oct 2025 09:29

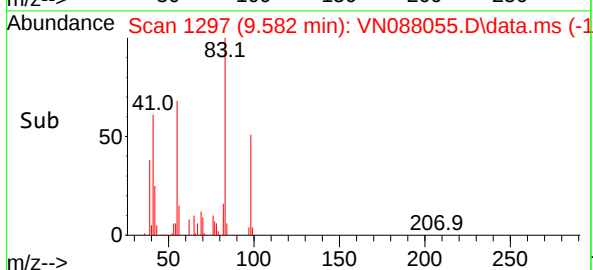
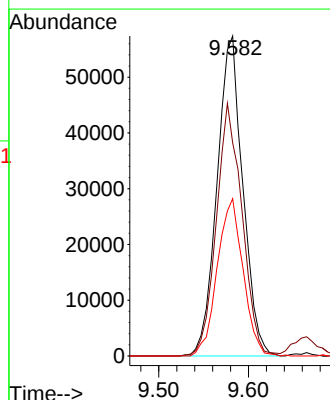
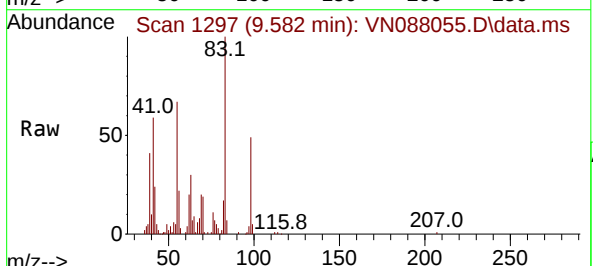
Tgt Ion: 83 Resp: 114412

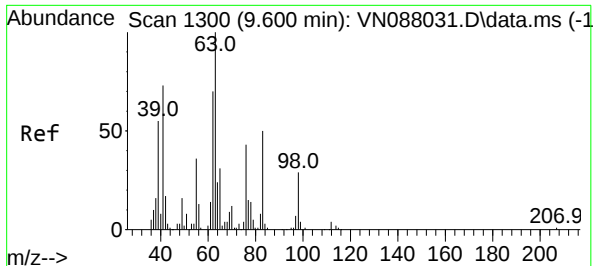
Ion Ratio Lower Upper

83 100

55 78.7 37.3 111.9

98 49.2 25.4 76.0





#39

1,2-Dichloropropane

Concen: 17.791 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN088055.D

Acq: 17 Oct 2025 09:29

Instrument :

MSVOA_N

ClientSampleId :

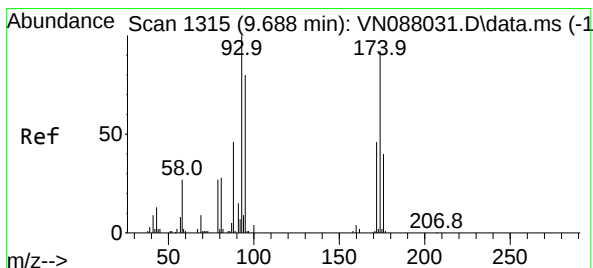
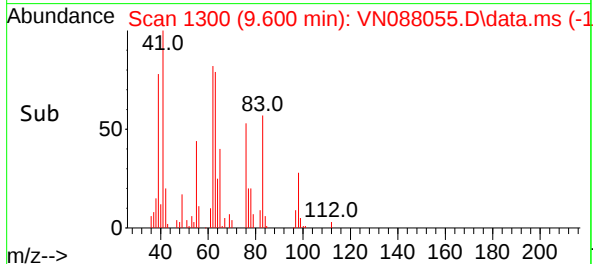
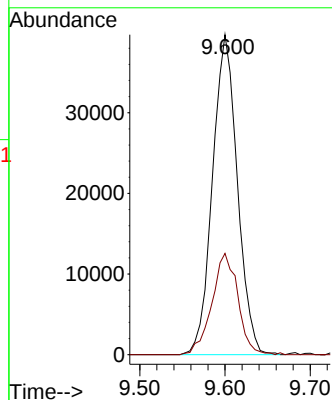
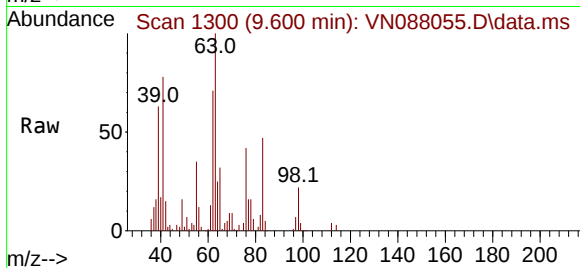
VSTDCCC020

Tgt Ion: 63 Resp: 80429

Ion Ratio Lower Upper

63 100

65 31.7 25.0 37.6



#40

Dibromomethane

Concen: 18.115 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN088055.D

Acq: 17 Oct 2025 09:29

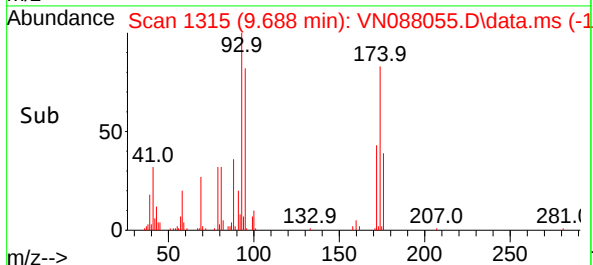
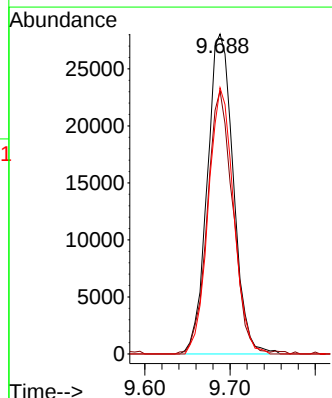
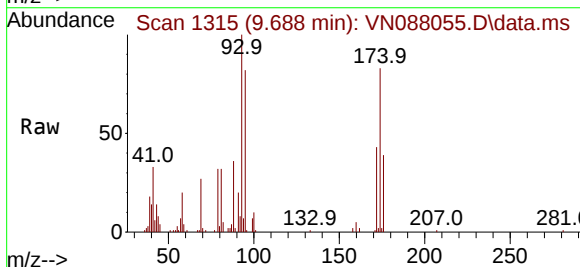
Tgt Ion: 93 Resp: 59612

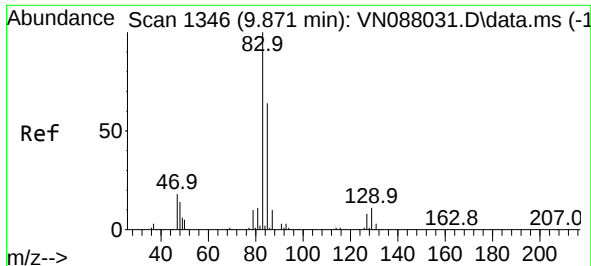
Ion Ratio Lower Upper

93 100

95 80.7 0.0 158.6

174 80.7 0.0 180.8

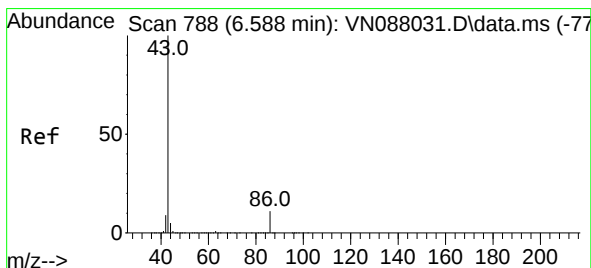
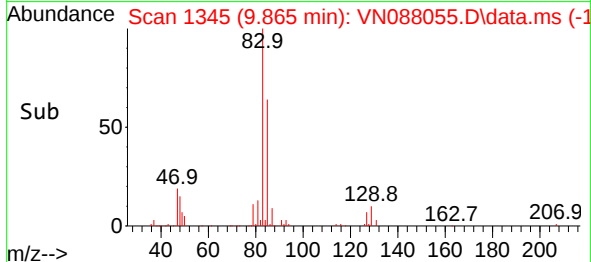
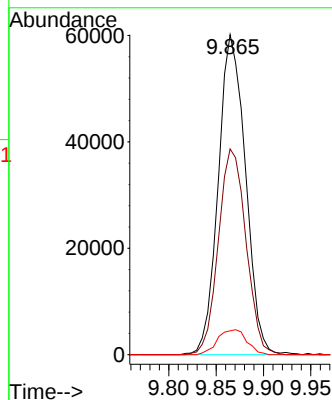
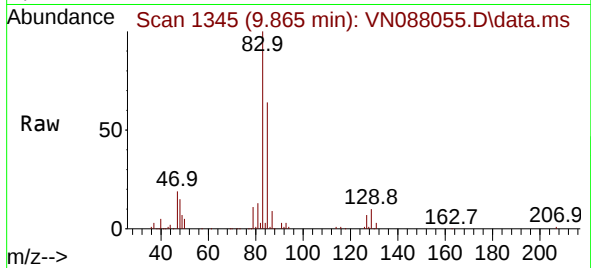




#41
Bromodichloromethane
Concen: 17.860 ug/l
RT: 9.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

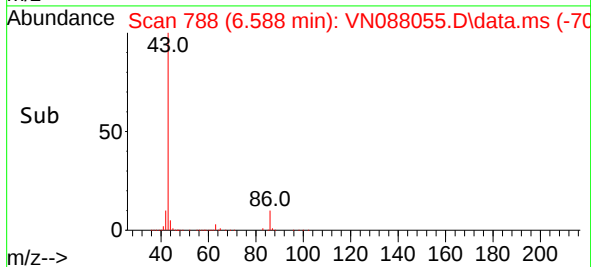
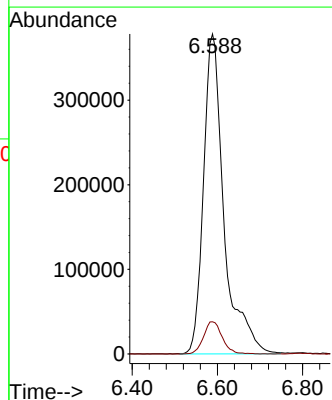
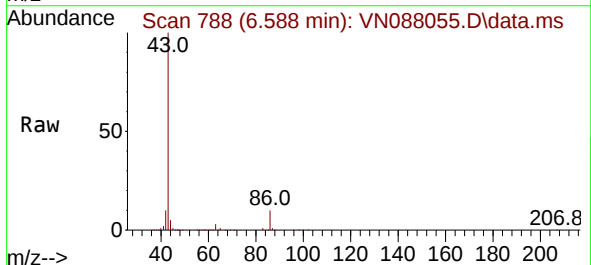
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

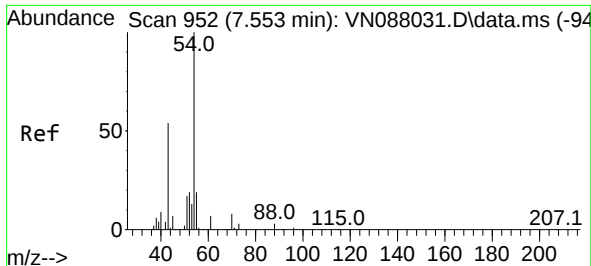
Tgt Ion: 83 Resp: 120031
Ion Ratio Lower Upper
83 100
85 64.3 51.0 76.4
127 7.5 6.1 9.1



#42
Vinyl Acetate
Concen: 92.397 ug/l
RT: 6.588 min Scan# 788
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

Tgt Ion: 43 Resp: 1261882
Ion Ratio Lower Upper
43 100
86 9.1 8.4 12.6

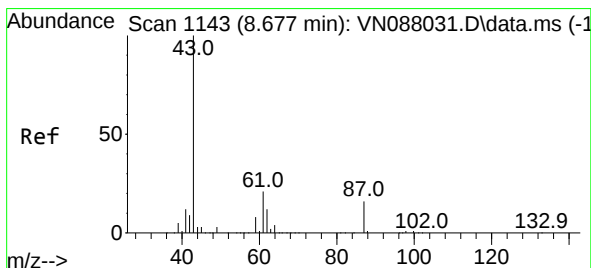
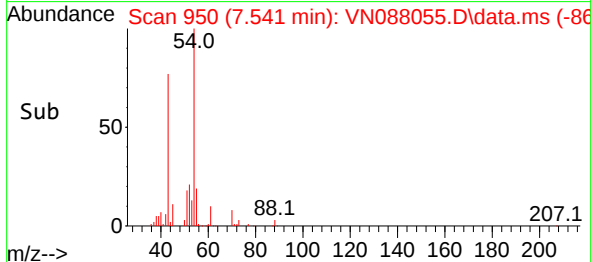
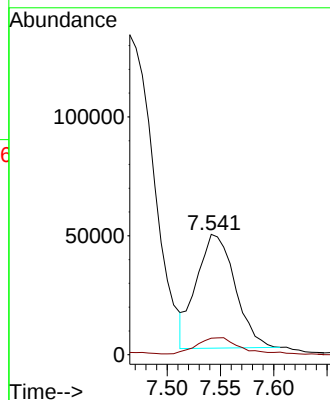
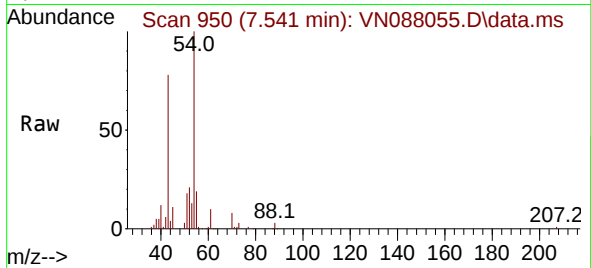




#43
Ethyl Acetate
Concen: 15.596 ug/l
RT: 7.541 min Scan# 91
Delta R.T. -0.012 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

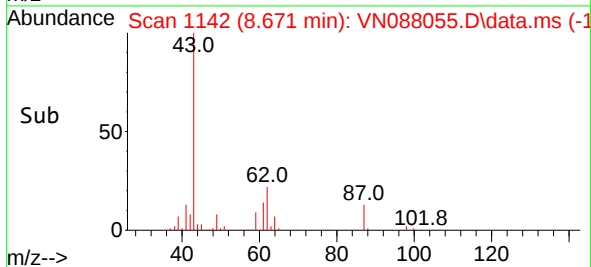
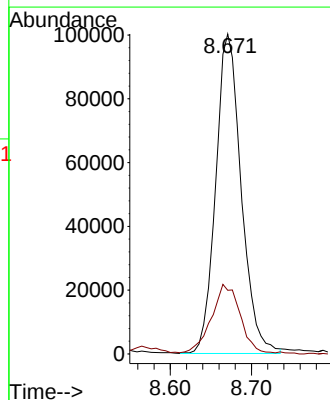
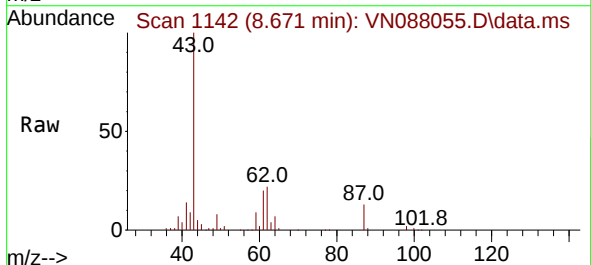
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

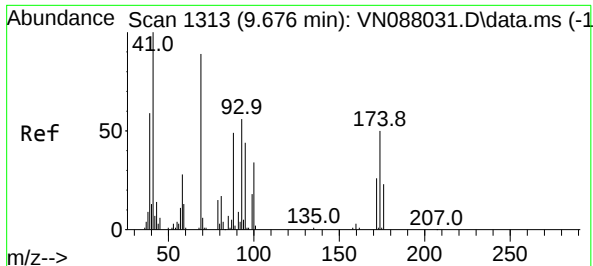
Tgt Ion: 43 Resp: 120187
Ion Ratio Lower Upper
43 100
45 15.9 10.2 15.4#



#44
Isopropyl Acetate
Concen: 17.358 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

Tgt Ion: 43 Resp: 218478
Ion Ratio Lower Upper
43 100
61 24.8 18.7 28.1

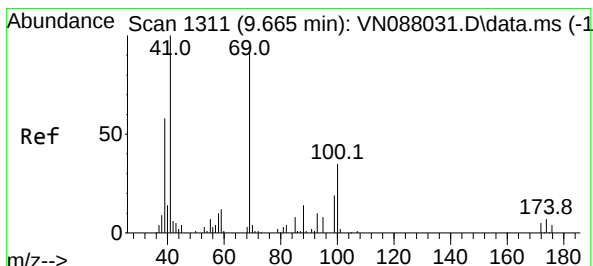
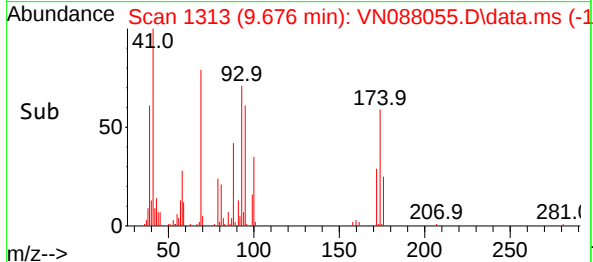
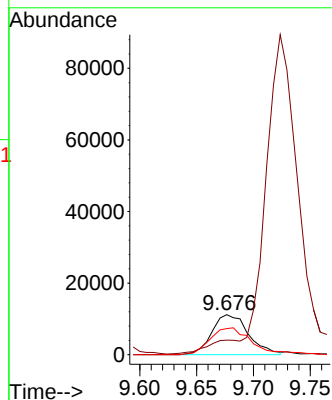
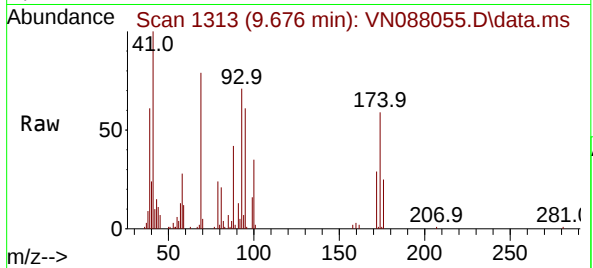




#45
1,4-Dioxane
Concen: 299.765 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

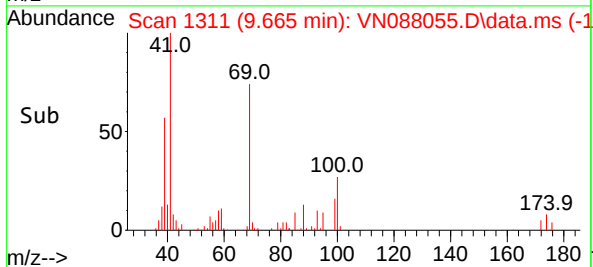
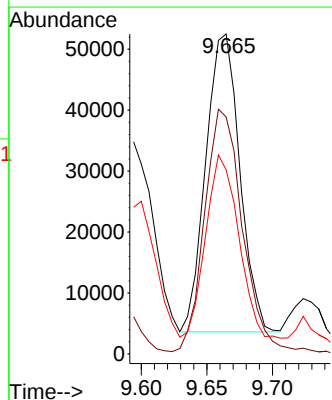
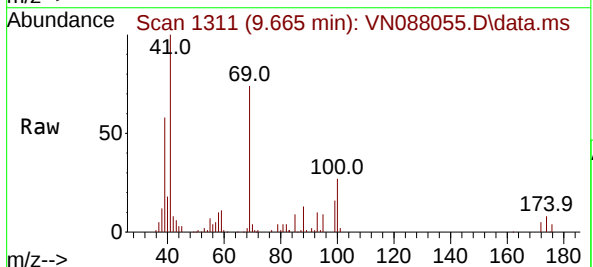
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

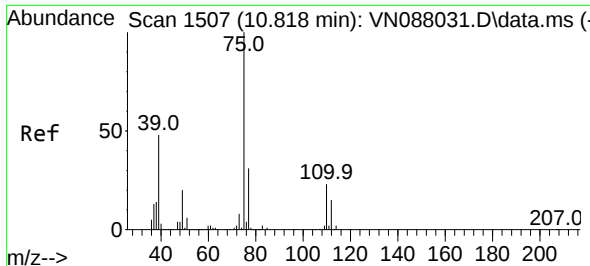
Tgt Ion: 88 Resp: 25094
Ion Ratio Lower Upper
88 100
43 32.2 18.6 27.8#
58 77.1 57.4 86.2



#46
Methyl methacrylate
Concen: 15.904 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

Tgt Ion: 41 Resp: 88156
Ion Ratio Lower Upper
41 100
69 77.7 44.9 134.7
39 56.5 30.3 90.8

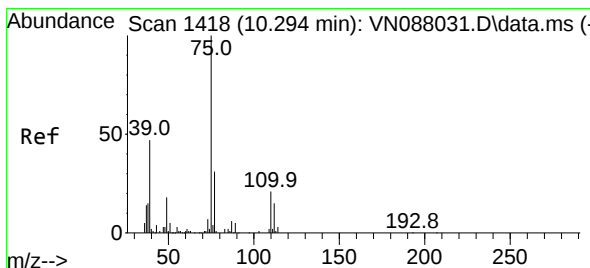
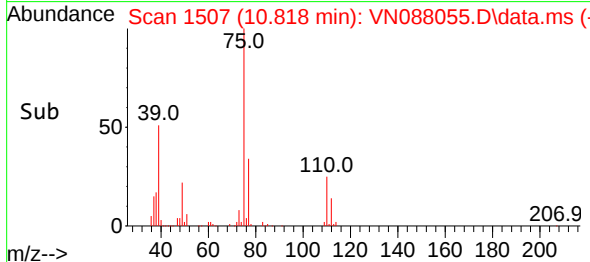
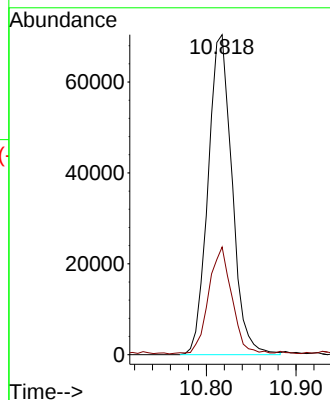
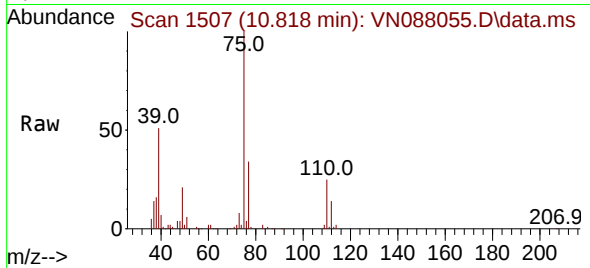




#48
 t-1,3-Dichloropropene
 Concen: 17.526 ug/l
 RT: 10.818 min Scan# 1507
 Delta R.T. 0.000 min
 Lab File: VN088055.D
 Acq: 17 Oct 2025 09:29

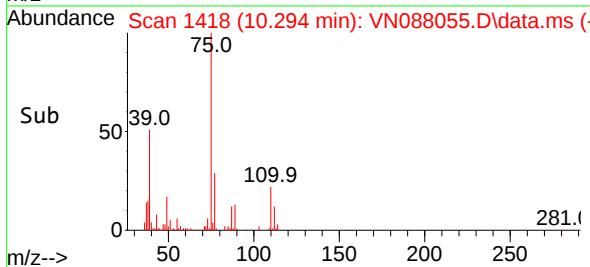
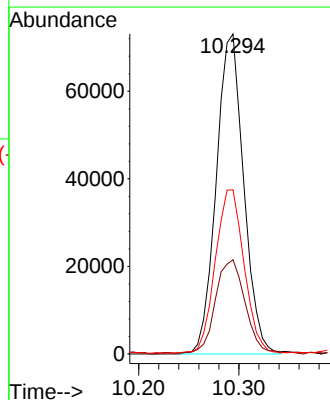
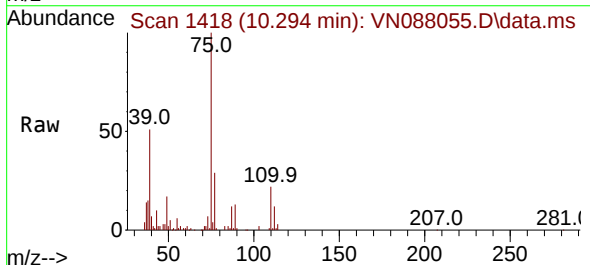
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

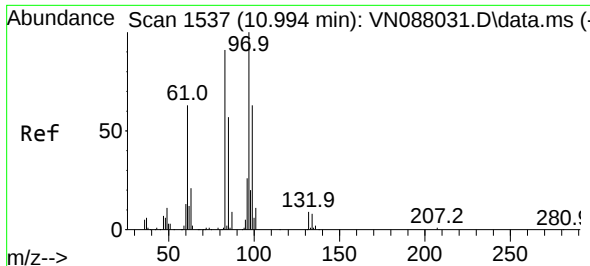
Tgt Ion: 75 Resp: 130980
 Ion Ratio Lower Upper
 75 100
 77 33.1 24.5 36.7



#49
 cis-1,3-Dichloropropene
 Concen: 17.833 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VN088055.D
 Acq: 17 Oct 2025 09:29

Tgt Ion: 75 Resp: 139016
 Ion Ratio Lower Upper
 75 100
 77 29.1 25.0 37.4
 39 50.9 37.4 56.0

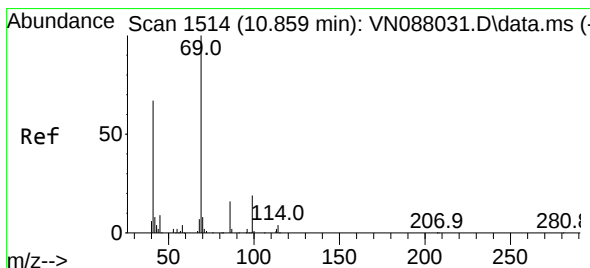
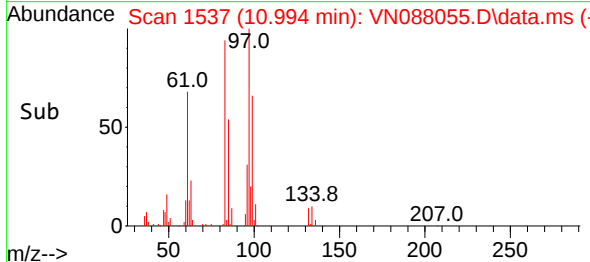
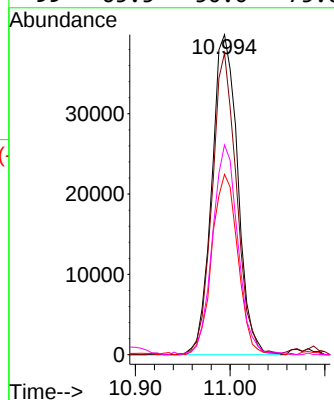
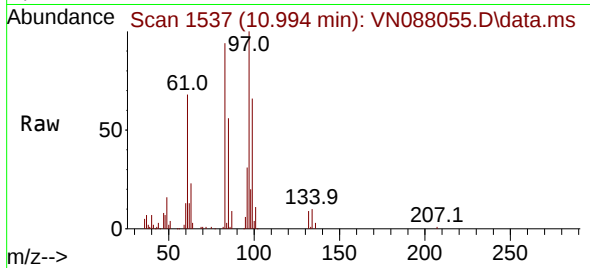




#50
1,1,2-Trichloroethane
Concen: 17.333 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

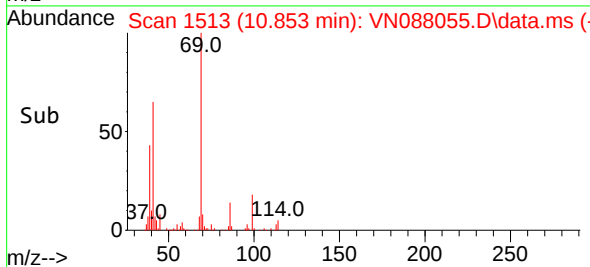
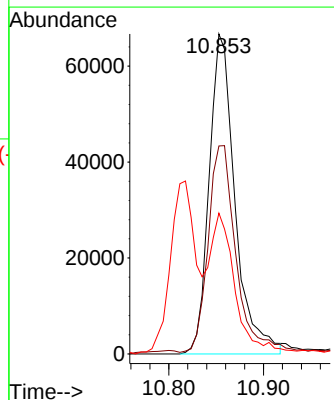
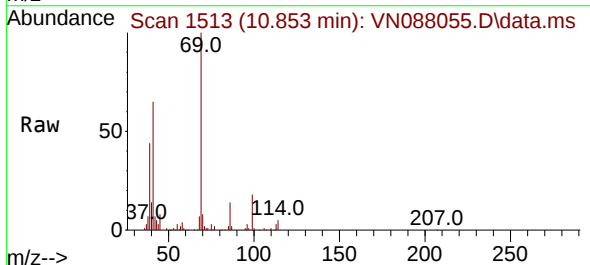
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

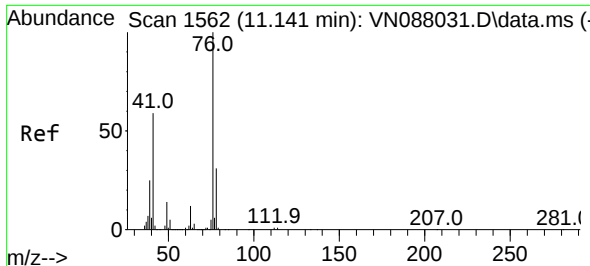
Tgt Ion:	97	Resp:	75536
Ion	Ratio	Lower	Upper
97	100		
83	94.3	72.5	108.7
85	55.9	45.5	68.3
99	65.5	50.0	75.0



#51
Ethyl methacrylate
Concen: 17.140 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.006 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

Tgt Ion:	69	Resp:	126407
Ion	Ratio	Lower	Upper
69	100		
41	64.5	33.3	99.8
39	42.3	20.3	61.0

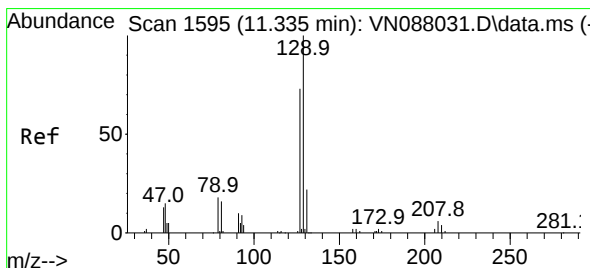
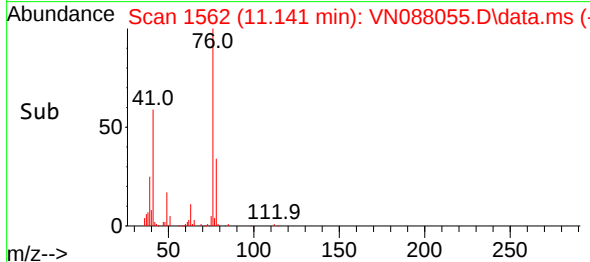
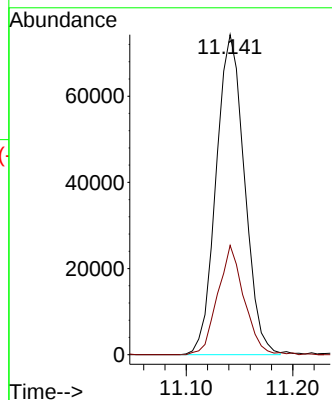
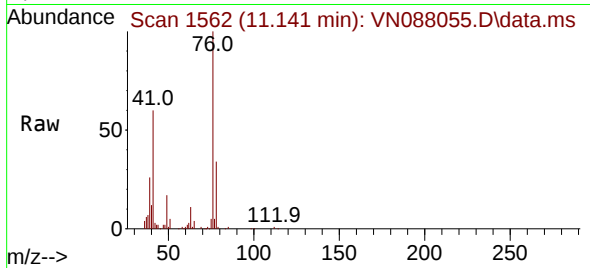




#52
1,3-Dichloropropane
Concen: 18.069 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

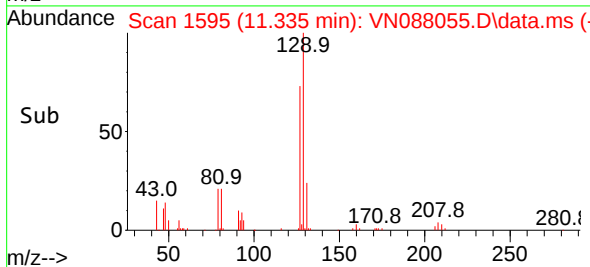
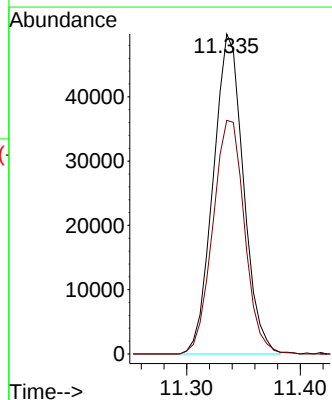
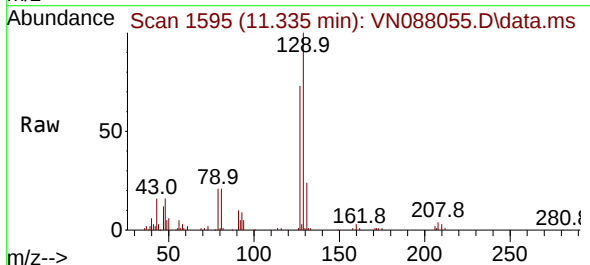
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

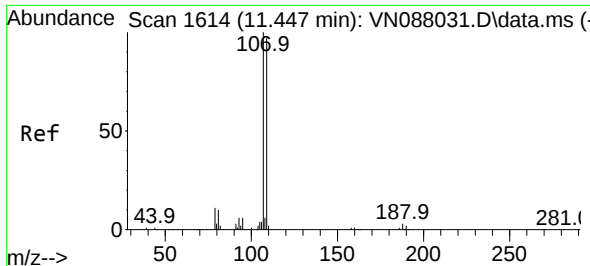
Tgt Ion: 76 Resp: 137378
Ion Ratio Lower Upper
76 100
78 31.8 0.0 65.0



#53
Dibromochloromethane
Concen: 17.666 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

Tgt Ion: 129 Resp: 92038
Ion Ratio Lower Upper
129 100
127 76.5 39.1 117.3

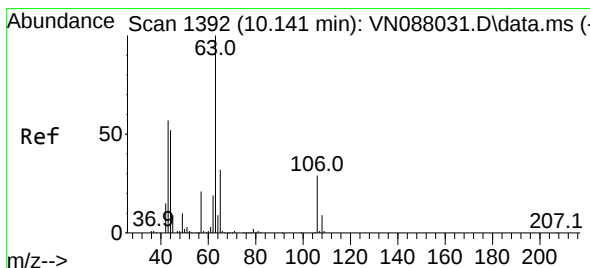
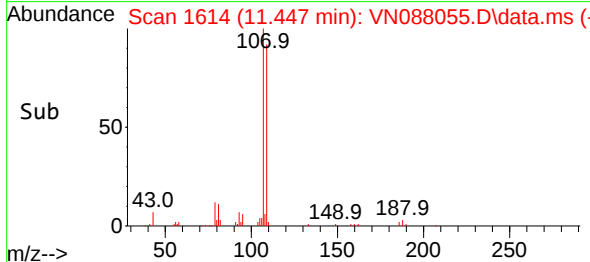
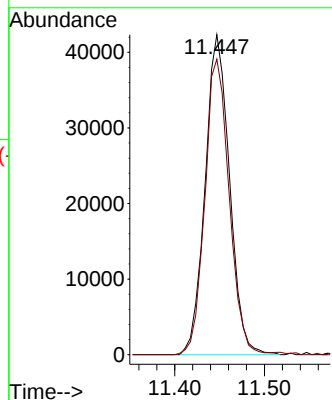
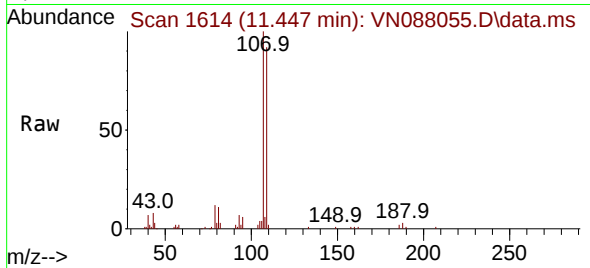




#54
1,2-Dibromoethane
Concen: 17.184 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

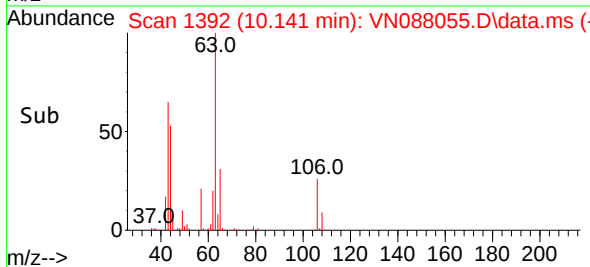
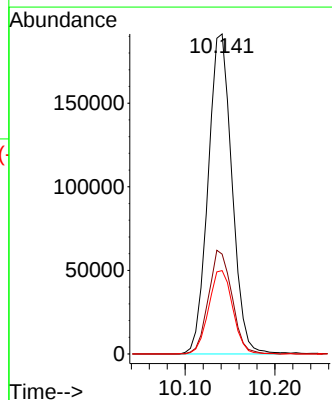
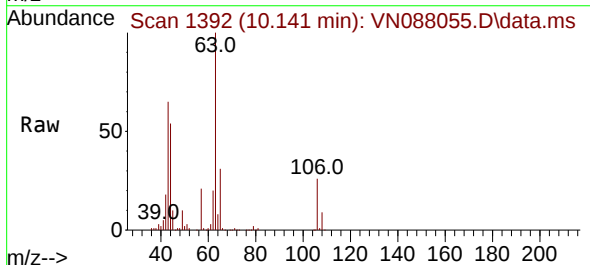
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

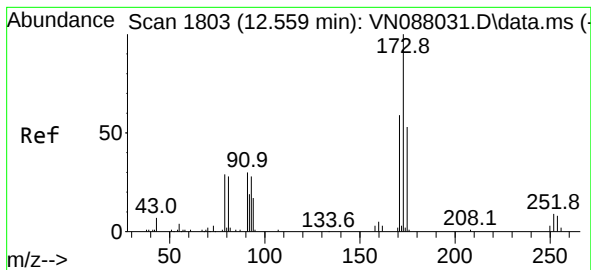
Tgt Ion:107 Resp: 80058
Ion Ratio Lower Upper
107 100
109 91.6 75.5 113.3



#55
2-Chloroethyl vinyl ether
Concen: 88.807 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

Tgt Ion: 63 Resp: 353530
Ion Ratio Lower Upper
63 100
65 31.9 25.7 38.5
106 26.4 22.6 34.0





#56

Bromoform

Concen: 16.246 ug/l

RT: 12.559 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VN088055.D

Acq: 17 Oct 2025 09:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

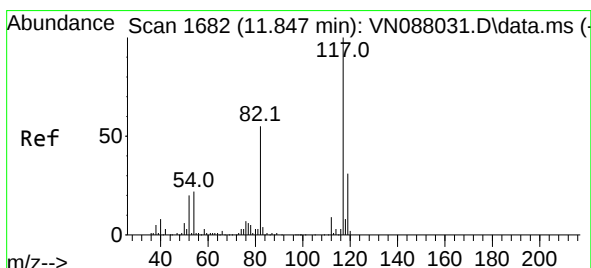
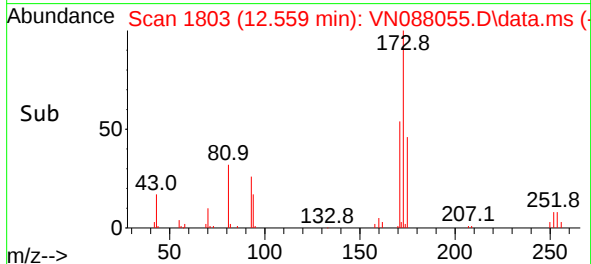
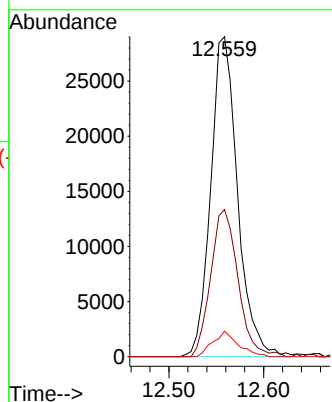
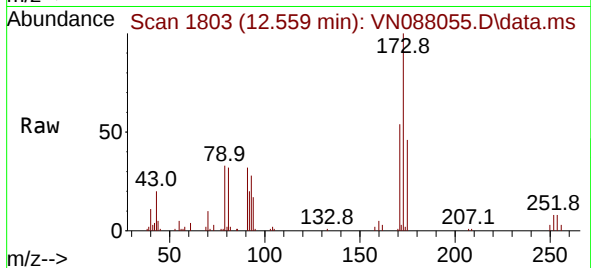
Tgt Ion:173 Resp: 57223

Ion Ratio Lower Upper

173 100

175 46.4 39.6 59.4

254 7.5 6.6 10.0



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.841 min Scan# 1681

Delta R.T. -0.006 min

Lab File: VN088055.D

Acq: 17 Oct 2025 09:29

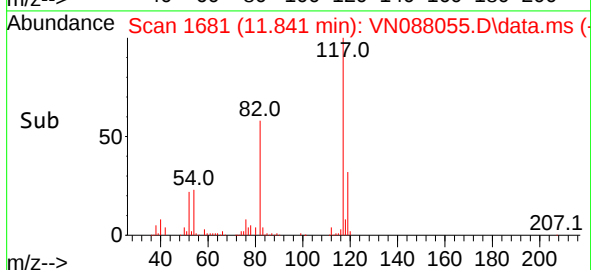
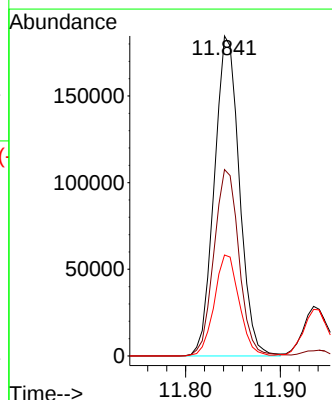
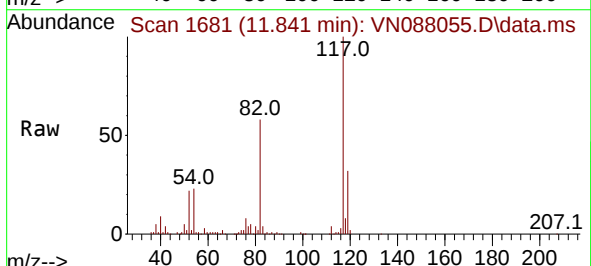
Tgt Ion:117 Resp: 339769

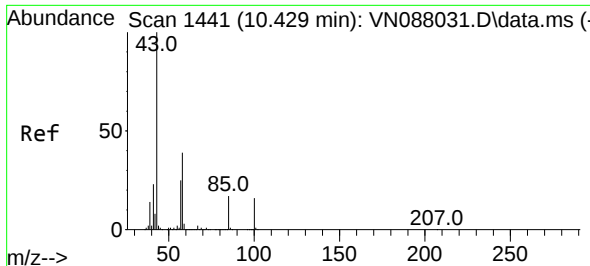
Ion Ratio Lower Upper

117 100

82 58.4 45.2 67.8

119 31.3 25.9 38.9

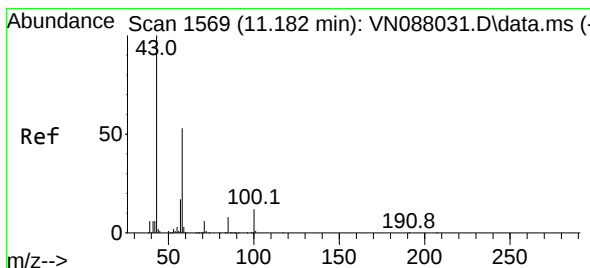
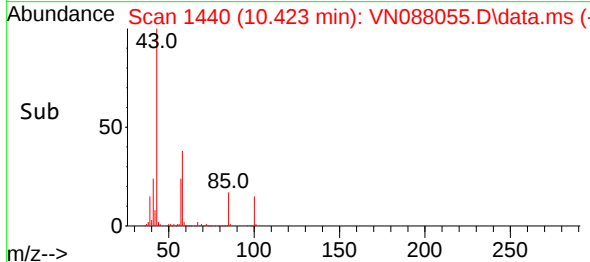
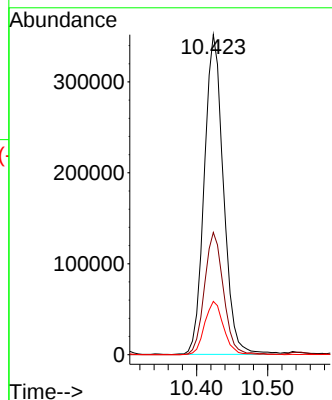
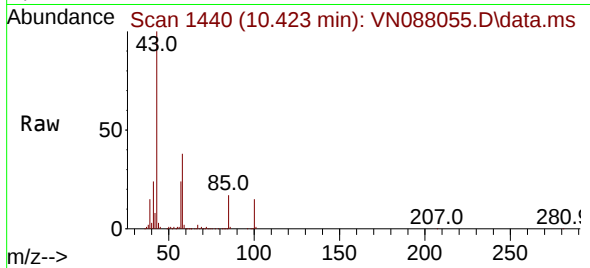




#58
4-Methyl-2-Pentanone
Concen: 86.980 ug/l
RT: 10.423 min Scan# 1441
Delta R.T. -0.006 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

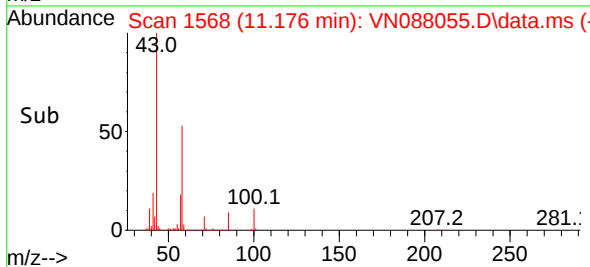
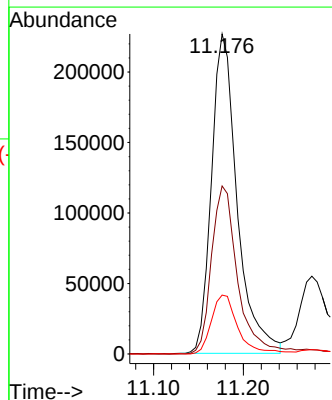
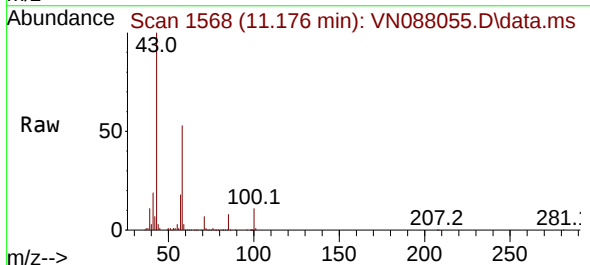
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

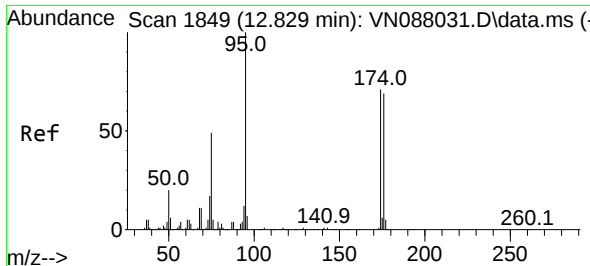
Tgt Ion: 43 Resp: 661034
Ion Ratio Lower Upper
43 100
58 37.6 31.2 46.8
85 16.5 13.7 20.5



#59
2-Hexanone
Concen: 89.713 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

Tgt Ion: 43 Resp: 450152
Ion Ratio Lower Upper
43 100
58 53.7 43.1 64.7
57 19.3 14.6 21.8

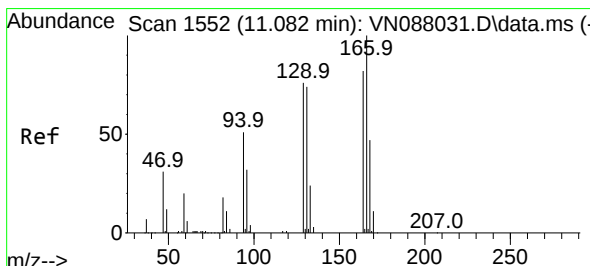
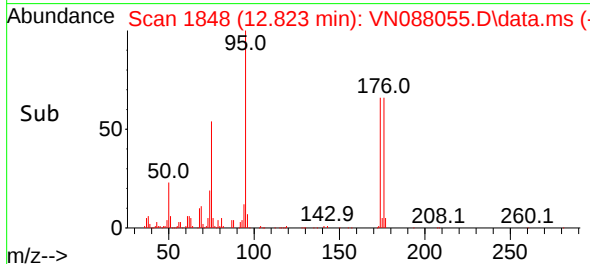
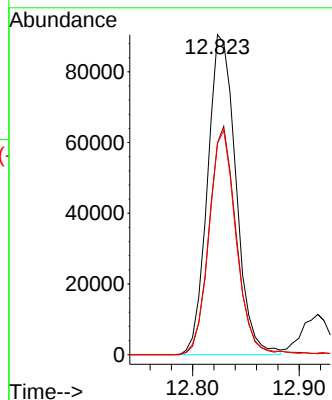
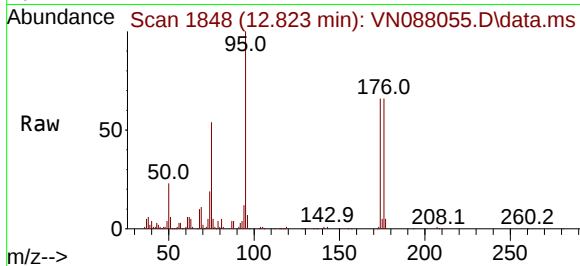




#60
4-Bromofluorobenzene
Concen: 29.905 ug/l
RT: 12.823 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

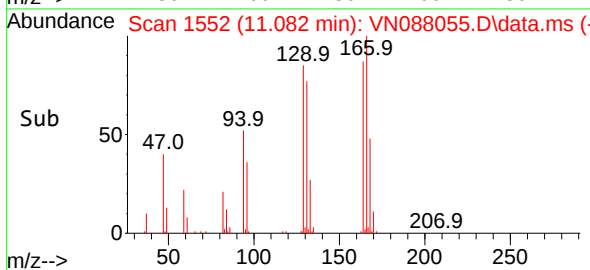
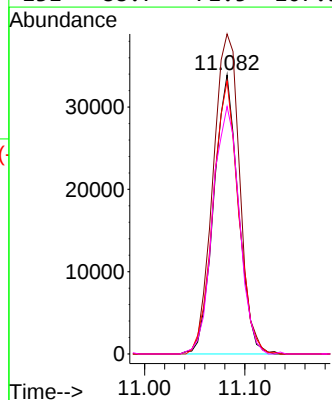
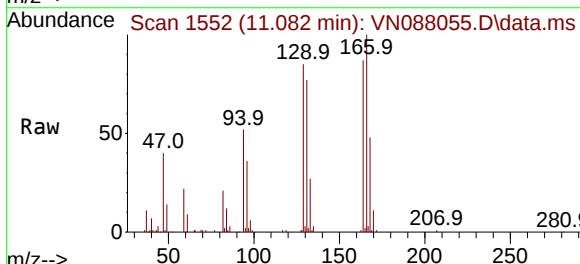
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

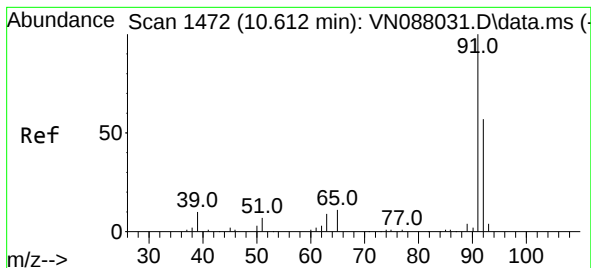
Tgt Ion: 95 Resp: 167508
Ion Ratio Lower Upper
95 100
174 67.7 57.4 86.0
176 67.3 57.0 85.4



#61
Tetrachloroethene
Concen: 16.745 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

Tgt Ion:164 Resp: 57616
Ion Ratio Lower Upper
164 100
166 114.6 97.2 145.8
129 97.7 73.7 110.5
131 88.7 71.5 107.3





#62

Toluene

Concen: 17.595 ug/l

RT: 10.606 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VN088055.D

Acq: 17 Oct 2025 09:29

Instrument :

MSVOA_N

ClientSampleId :

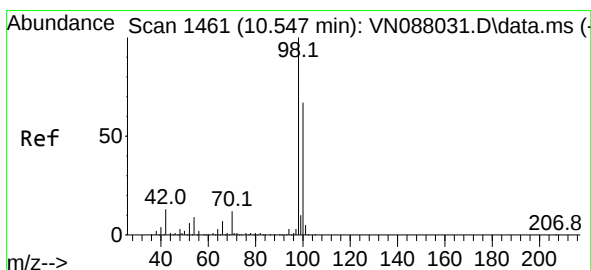
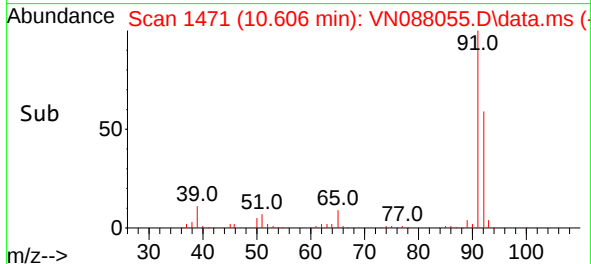
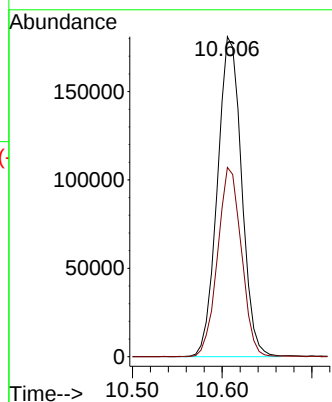
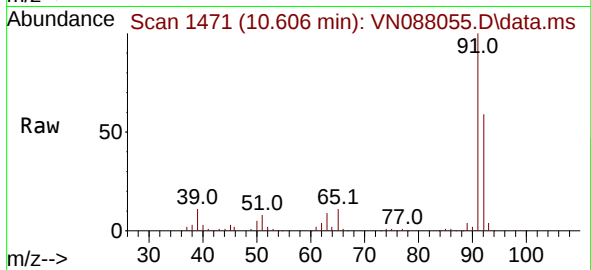
VSTDCCC020

Tgt Ion: 91 Resp: 339113

Ion Ratio Lower Upper

91 100

92 58.3 45.8 68.8



#63

Toluene-d8

Concen: 30.523 ug/l

RT: 10.541 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VN088055.D

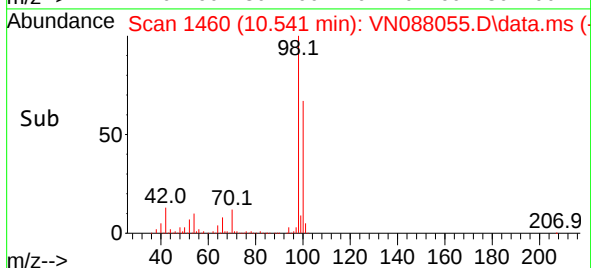
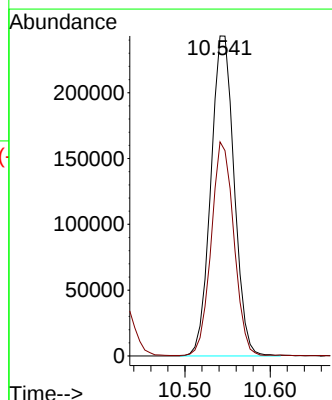
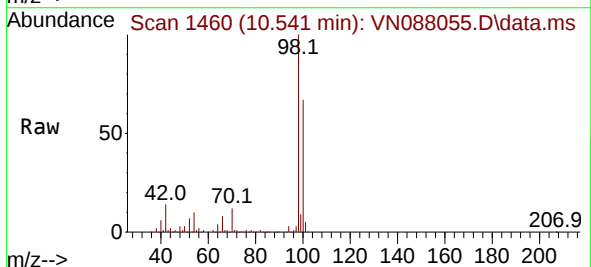
Acq: 17 Oct 2025 09:29

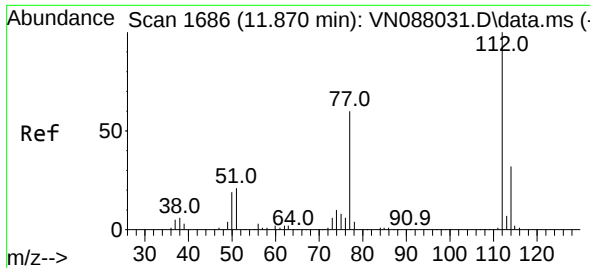
Tgt Ion: 98 Resp: 462055

Ion Ratio Lower Upper

98 100

100 64.9 53.1 79.7

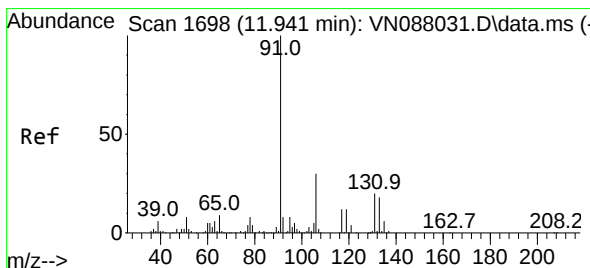
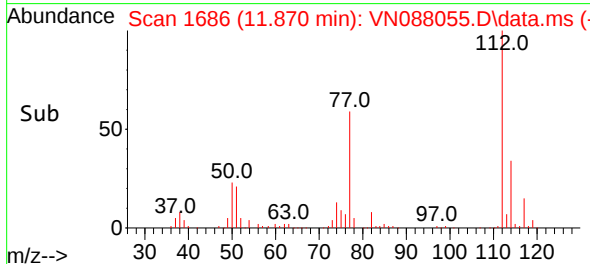
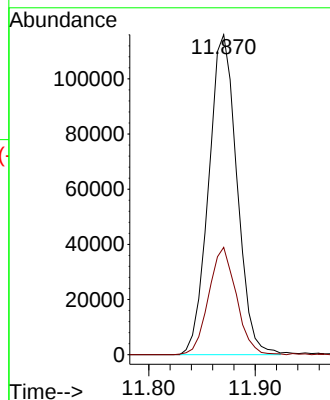
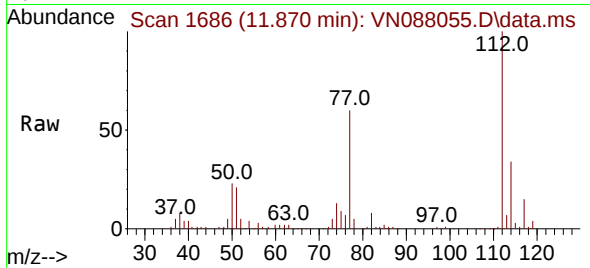




#64
Chlorobenzene
Concen: 17.379 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

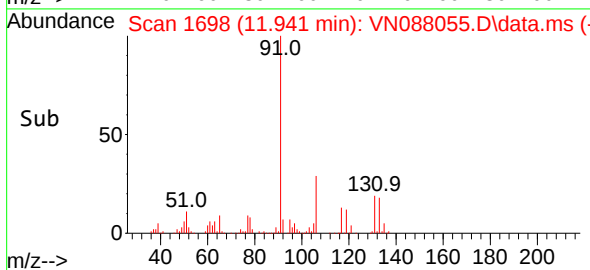
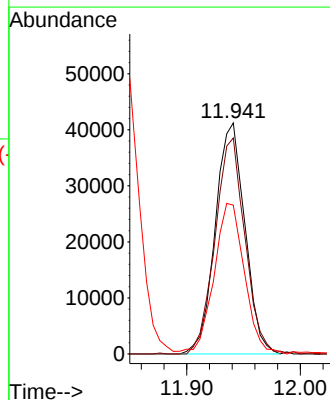
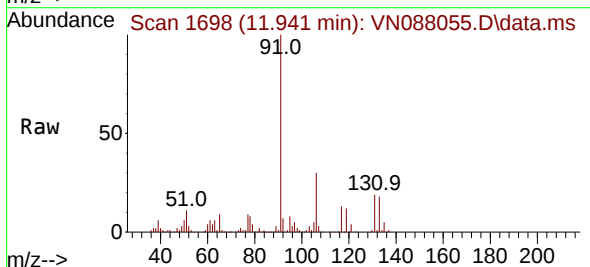
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

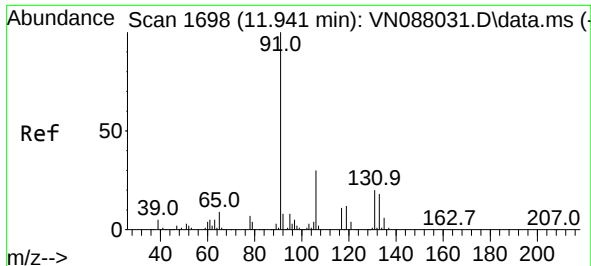
Tgt Ion:112 Resp: 213944
Ion Ratio Lower Upper
112 100
114 33.3 25.7 38.5



#65
1,1,1,2-Tetrachloroethane
Concen: 17.603 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

Tgt Ion:131 Resp: 74677
Ion Ratio Lower Upper
131 100
133 94.4 0.0 183.8
119 66.9 0.0 132.0

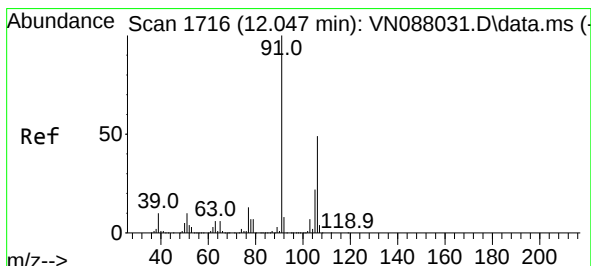
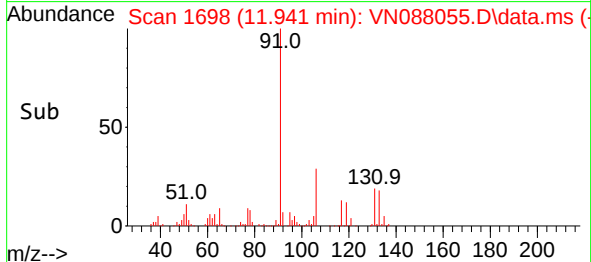
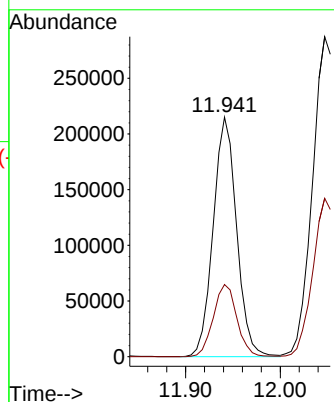
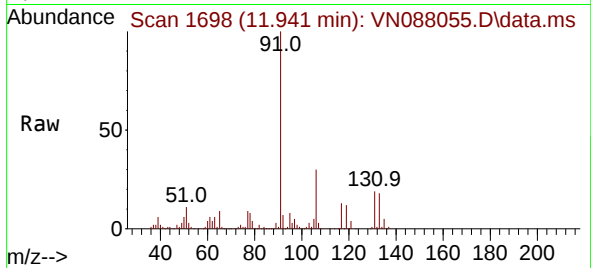




#66
Ethyl Benzene
Concen: 17.649 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

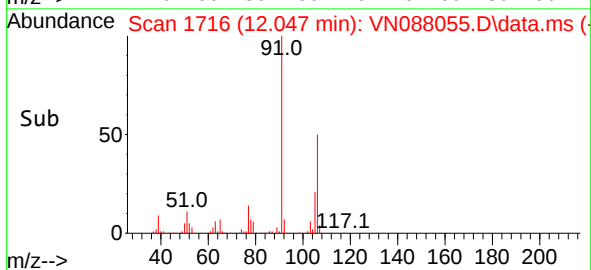
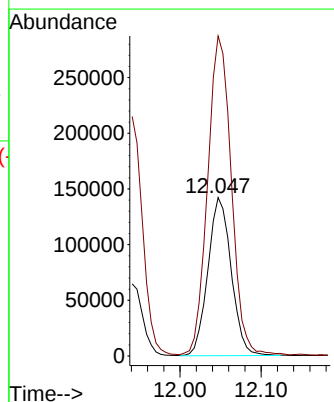
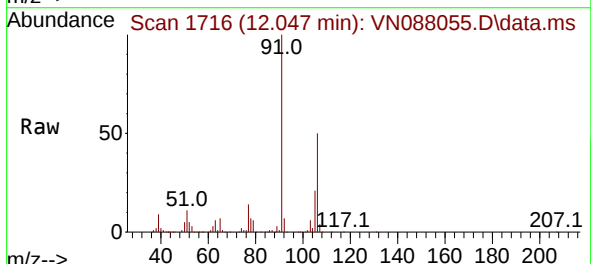
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

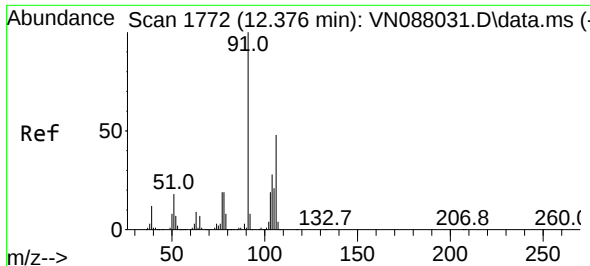
Tgt Ion: 91 Resp: 369860
Ion Ratio Lower Upper
91 100
106 30.1 24.0 36.0



#67
m/p-Xylenes
Concen: 35.077 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

Tgt Ion:106 Resp: 283387
Ion Ratio Lower Upper
106 100
91 206.6 161.4 242.0

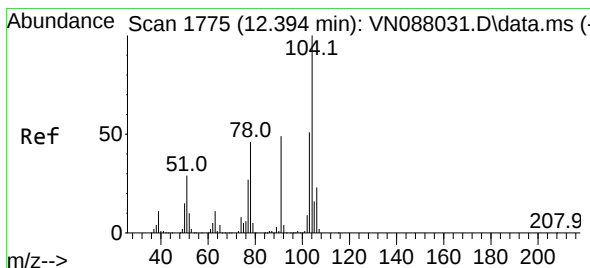
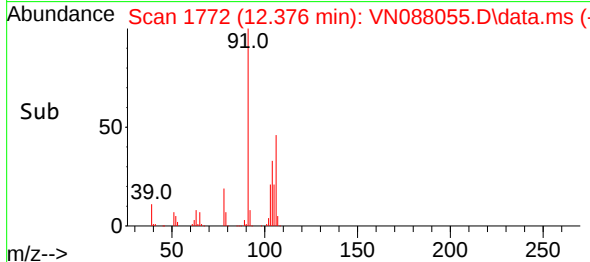
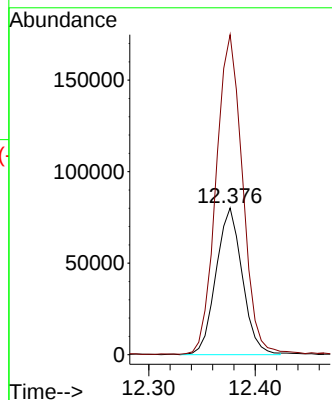
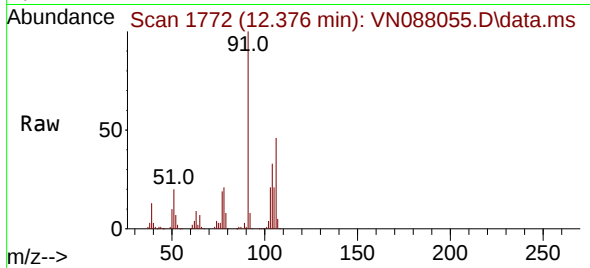




#68
o-Xylene
Concen: 17.081 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

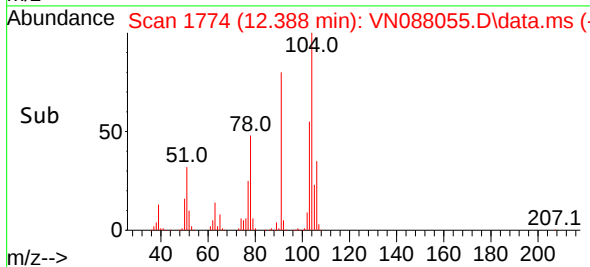
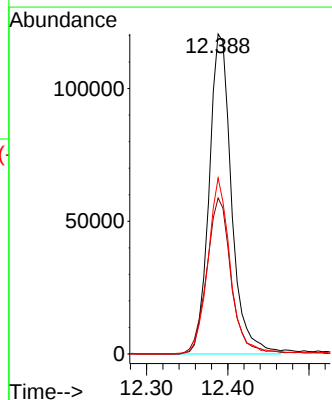
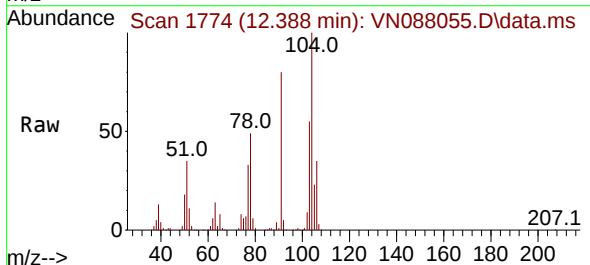
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

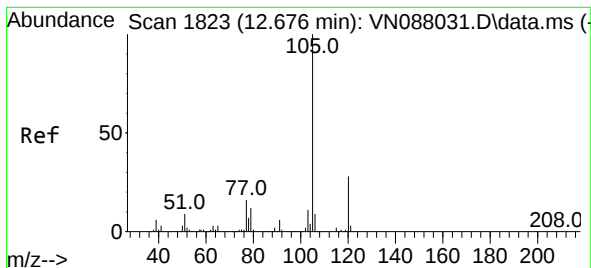
Tgt Ion:106 Resp: 137374
Ion Ratio Lower Upper
106 100
91 219.1 105.2 315.6



#69
Styrene
Concen: 17.352 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

Tgt Ion:104 Resp: 230855
Ion Ratio Lower Upper
104 100
78 52.6 41.8 62.6
103 55.4 44.9 67.3





#70

Isopropylbenzene

Concen: 17.376 ug/l

RT: 12.670 min Scan# 1823

Delta R.T. -0.006 min

Lab File: VN088055.D

Acq: 17 Oct 2025 09:29

Instrument :

MSVOA_N

ClientSampleId :

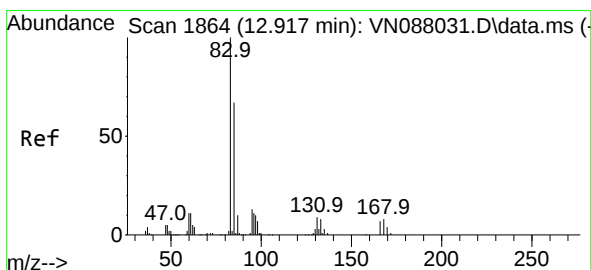
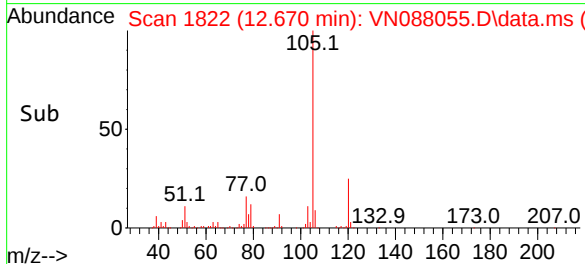
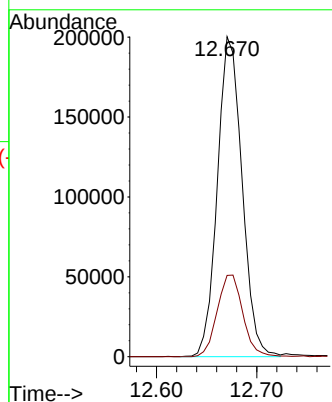
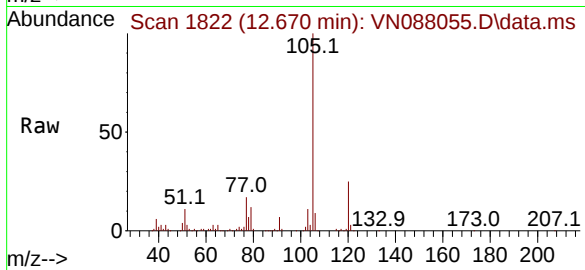
VSTDCCC020

Tgt Ion:105 Resp: 342498

Ion Ratio Lower Upper

105 100

120 26.5 19.1 35.5



#71

1,1,2,2-Tetrachloroethane

Concen: 17.452 ug/l

RT: 12.917 min Scan# 1864

Delta R.T. 0.000 min

Lab File: VN088055.D

Acq: 17 Oct 2025 09:29

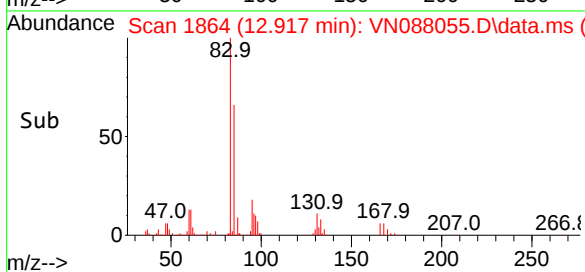
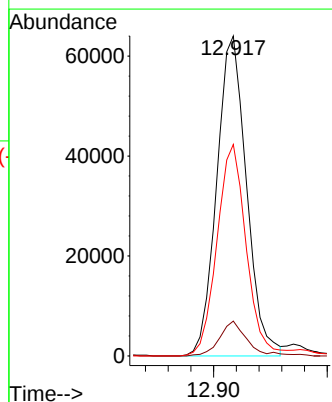
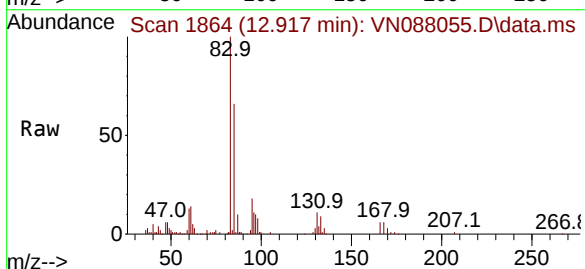
Tgt Ion: 83 Resp: 116626

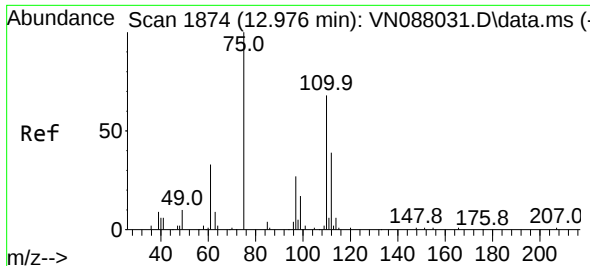
Ion Ratio Lower Upper

83 100

131 9.5 4.8 14.3

85 64.9 32.4 97.2

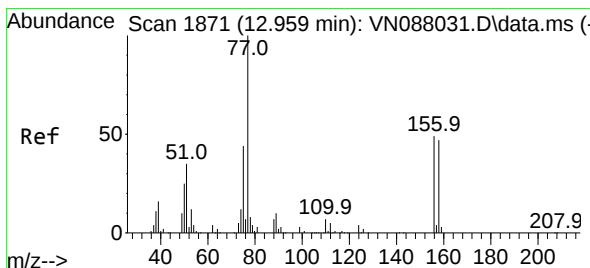
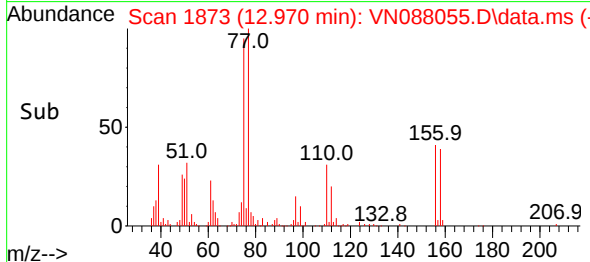
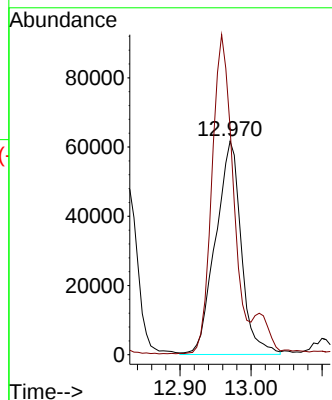
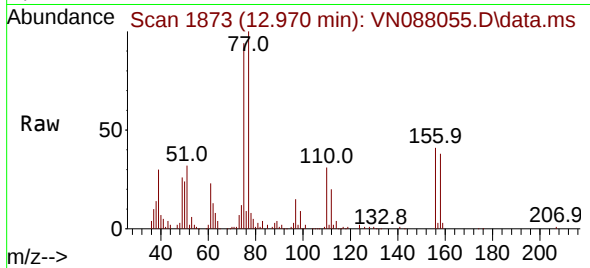




#72
1,2,3-Trichloropropane
Concen: 24.942 ug/l
RT: 12.970 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

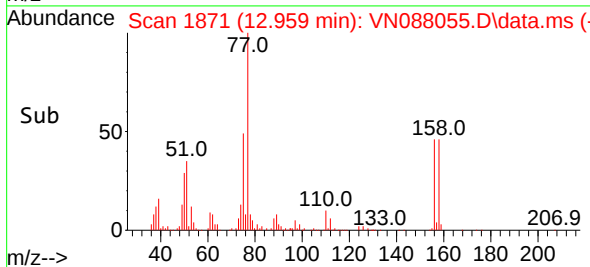
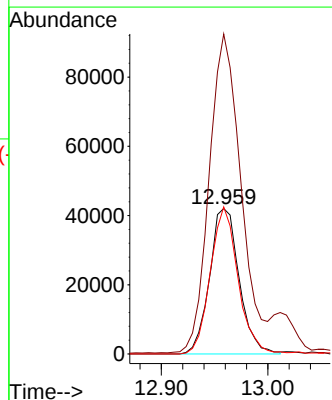
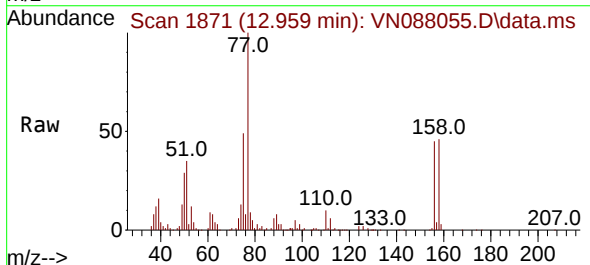
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

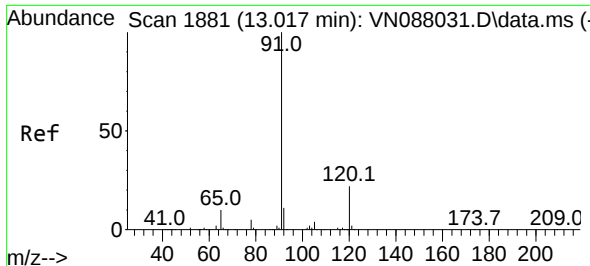
Tgt Ion: 75 Resp: 154802
Ion Ratio Lower Upper
75 100
77 123.1 0.0 364.0



#73
Bromobenzene
Concen: 16.773 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

Tgt Ion:156 Resp: 80810
Ion Ratio Lower Upper
156 100
77 235.8 0.0 439.8
158 95.0 0.0 190.0

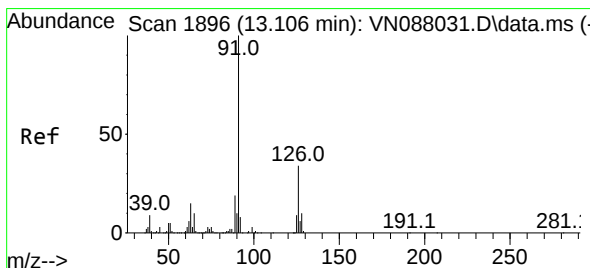
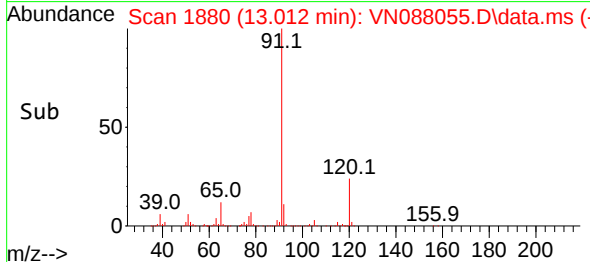
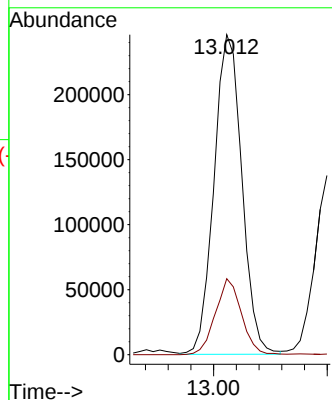
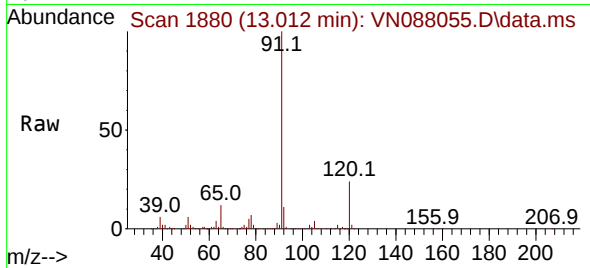




#74
n-propylbenzene
Concen: 17.581 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.006 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

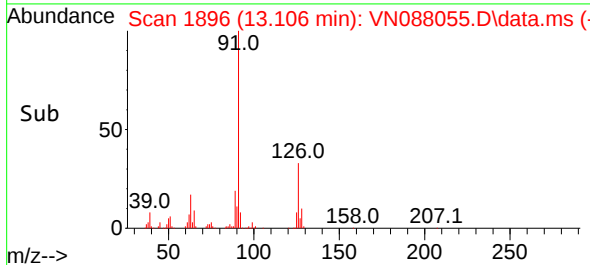
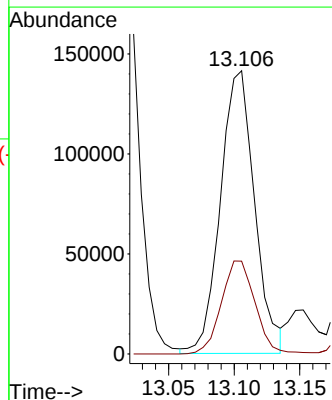
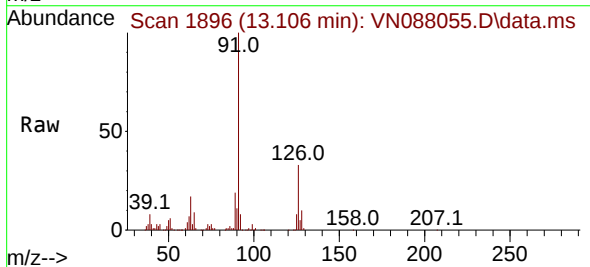
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

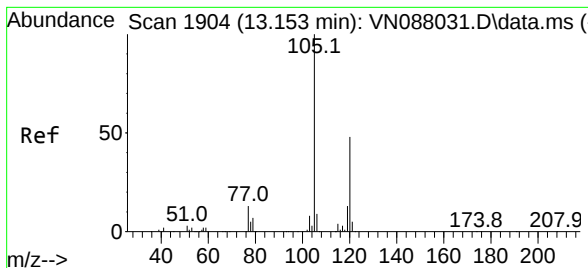
Tgt Ion: 91 Resp: 418345
Ion Ratio Lower Upper
91 100
120 22.3 0.0 46.2



#75
2-Chlorotoluene
Concen: 17.646 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

Tgt Ion: 91 Resp: 256739
Ion Ratio Lower Upper
91 100
126 32.5 0.0 66.6

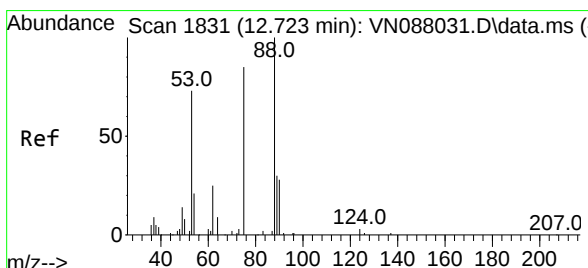
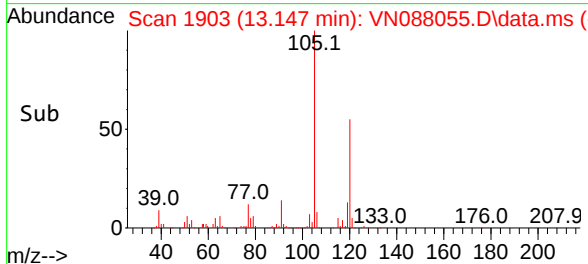
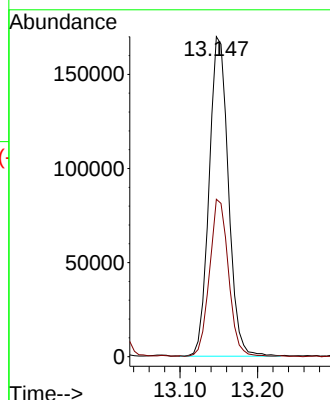
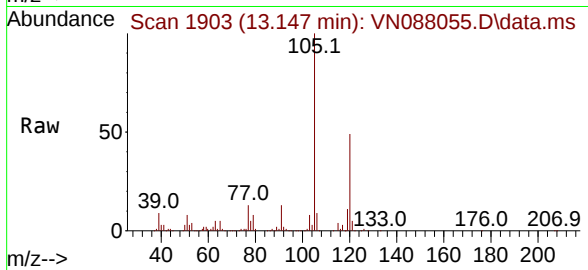




#76
1,3,5-Trimethylbenzene
Concen: 17.481 ug/l
RT: 13.147 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

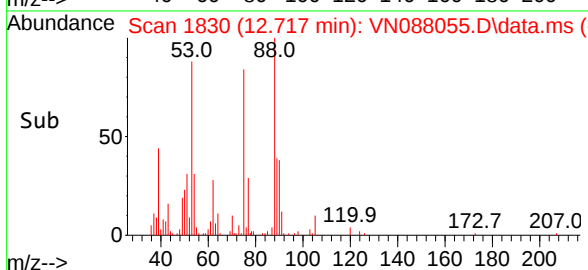
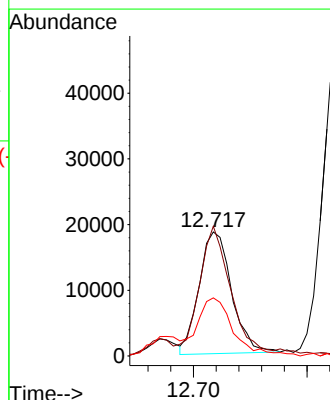
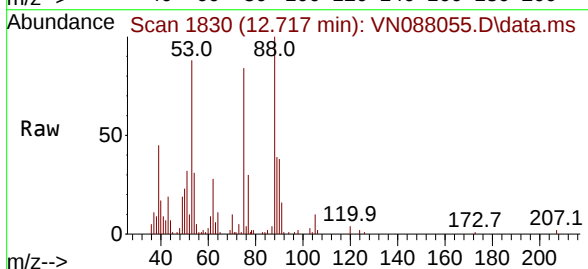
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

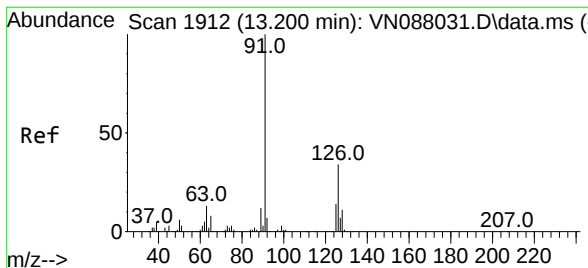
Tgt Ion:105 Resp: 292691
Ion Ratio Lower Upper
105 100
120 48.8 0.0 100.6



#77
t-1,4-Dichloro-2-butene
Concen: 14.896 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.006 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

Tgt Ion: 75 Resp: 36843
Ion Ratio Lower Upper
75 100
53 102.4 41.8 125.3
89 45.6 19.9 59.6

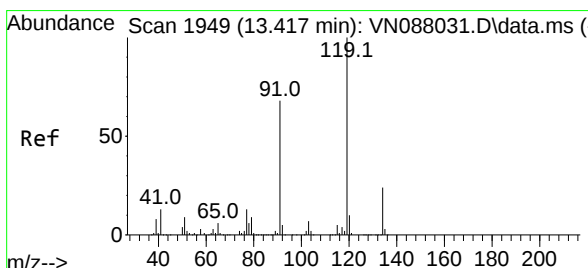
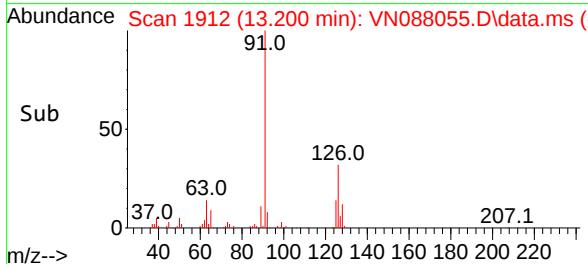
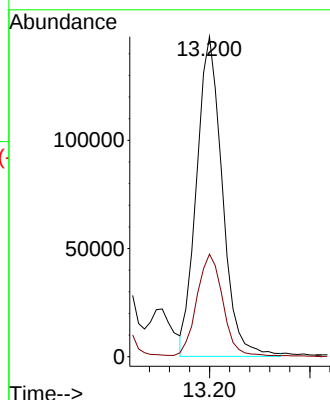
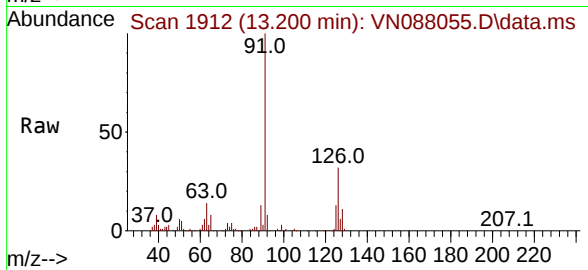




#78
4-Chlorotoluene
Concen: 17.851 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

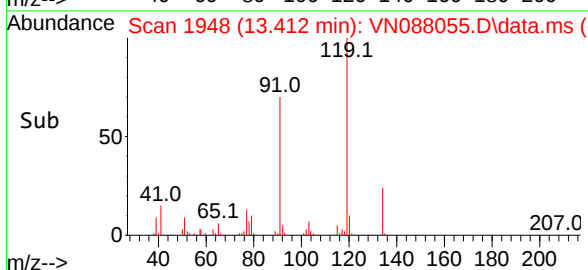
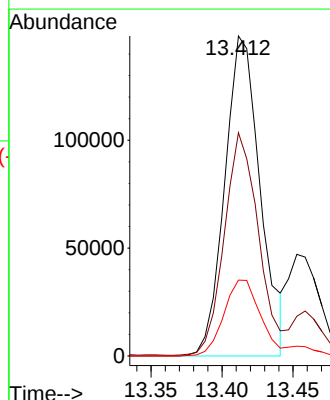
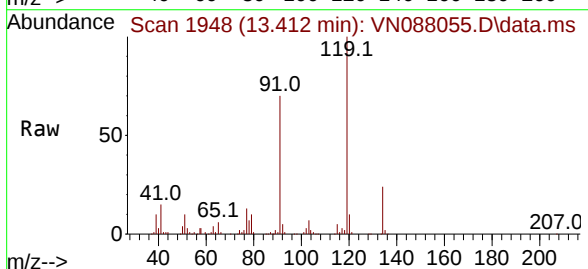
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

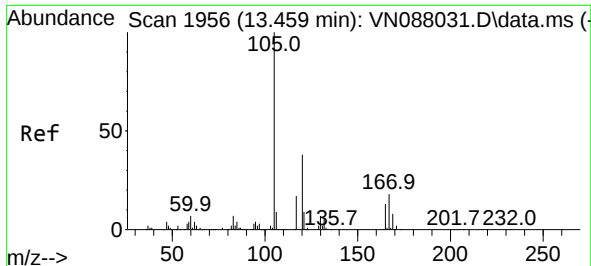
Tgt Ion: 91 Resp: 263876
Ion Ratio Lower Upper
91 100
126 32.6 0.0 68.8



#79
tert-butylbenzene
Concen: 17.735 ug/l
RT: 13.412 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

Tgt Ion: 119 Resp: 257431
Ion Ratio Lower Upper
119 100
91 66.6 0.0 132.4
134 24.2 0.0 48.6

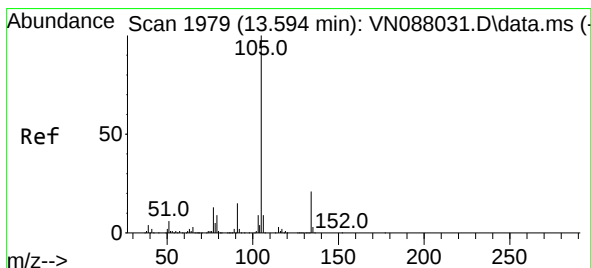
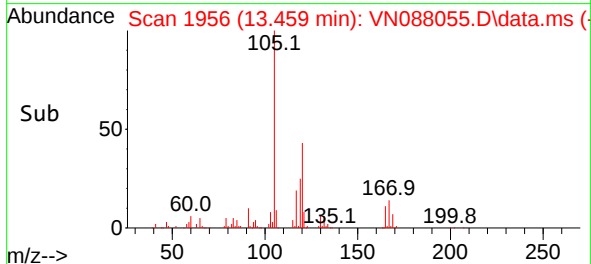
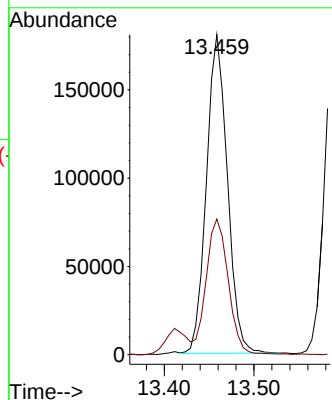
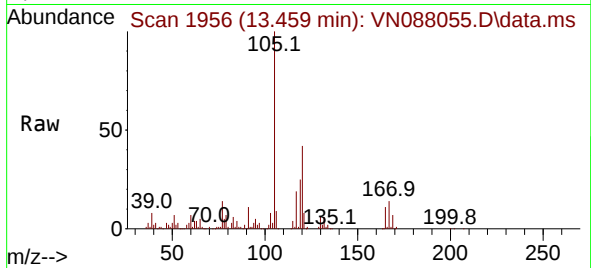




#80
1,2,4-Trimethylbenzene
Concen: 17.478 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

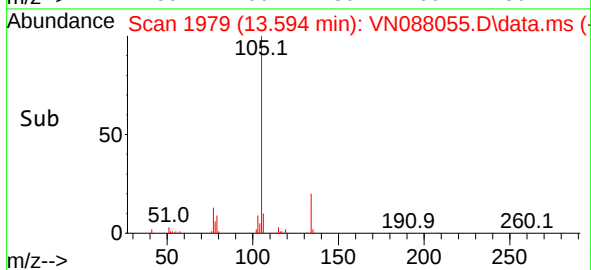
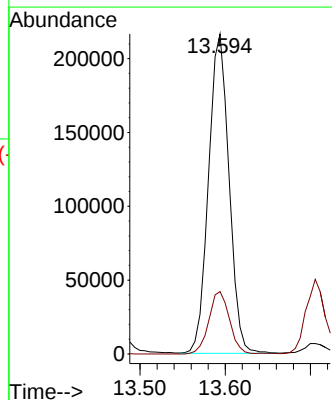
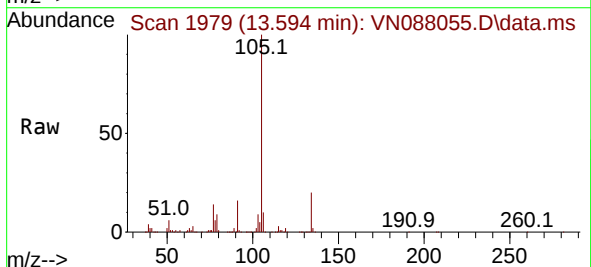
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

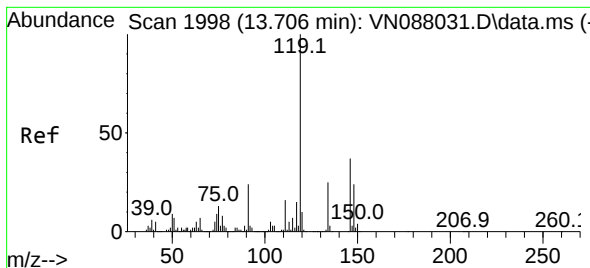
Tgt Ion:105 Resp: 292967
Ion Ratio Lower Upper
105 100
120 44.1 0.0 93.8



#81
sec-Butylbenzene
Concen: 17.713 ug/l
RT: 13.594 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

Tgt Ion:105 Resp: 361492
Ion Ratio Lower Upper
105 100
134 19.7 0.0 41.2





#82

p-Isopropyltoluene

Concen: 17.630 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. 0.000 min

Lab File: VN088055.D

Acq: 17 Oct 2025 09:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

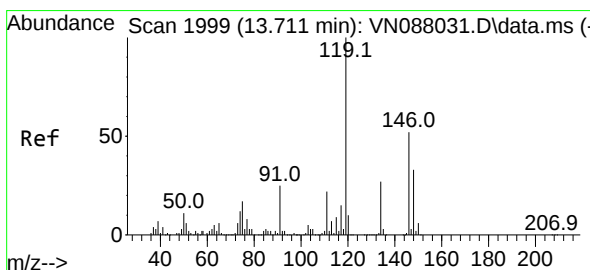
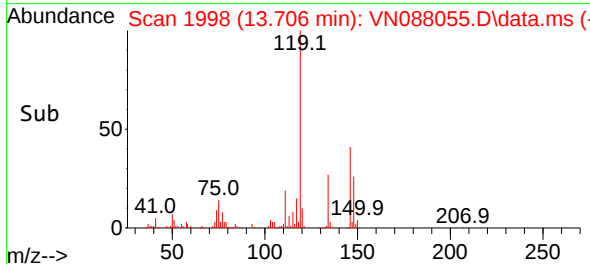
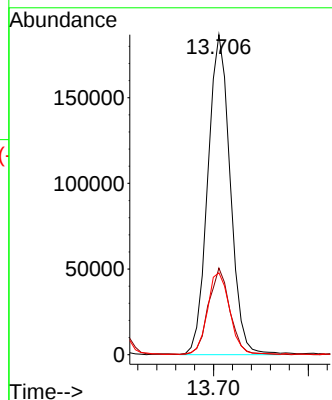
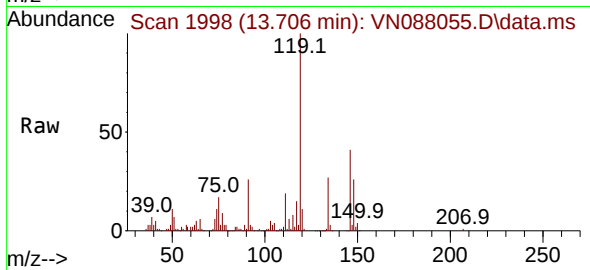
Tgt Ion:119 Resp: 307176

Ion Ratio Lower Upper

119 100

134 26.0 0.0 52.6

91 25.4 0.0 48.2



#83

1,3-Dichlorobenzene

Concen: 17.105 ug/l

RT: 13.711 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VN088055.D

Acq: 17 Oct 2025 09:29

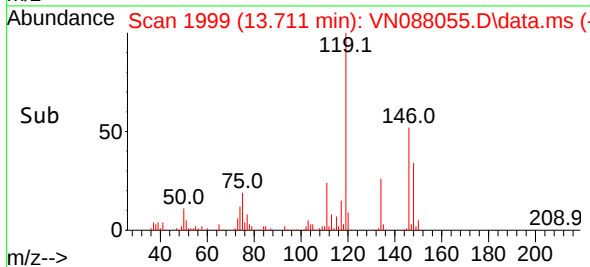
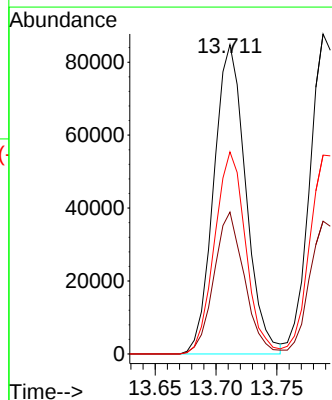
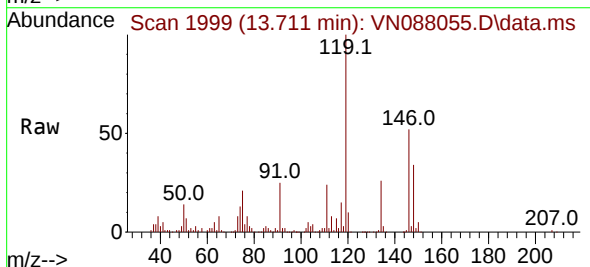
Tgt Ion:146 Resp: 155053

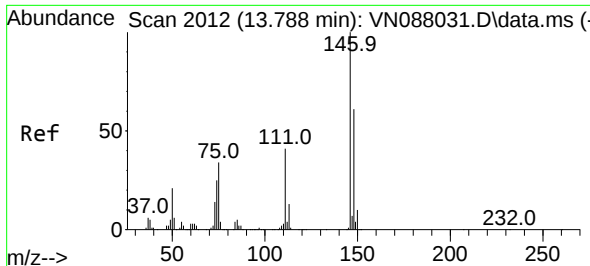
Ion Ratio Lower Upper

146 100

111 43.8 21.1 63.1

148 63.6 31.5 94.5

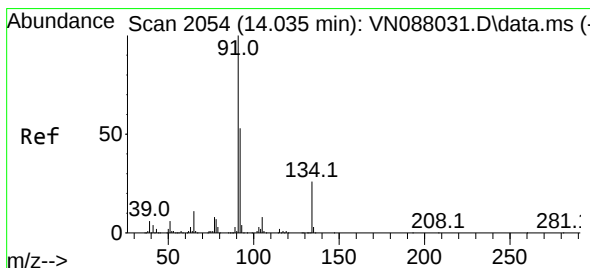
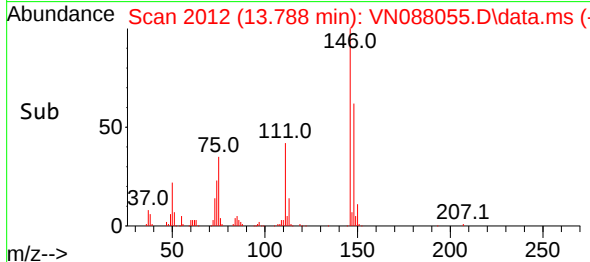
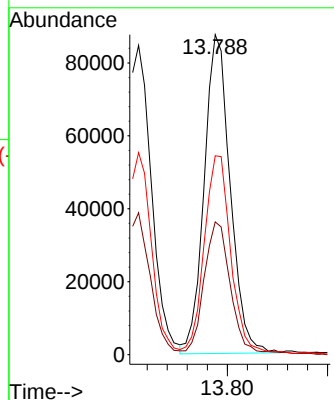
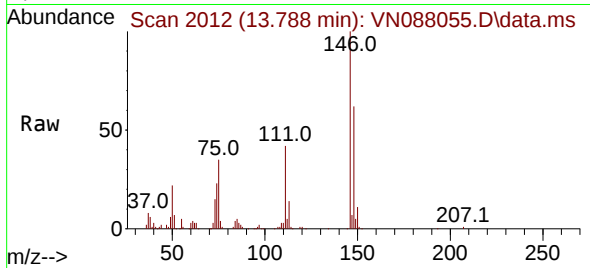




#84
1,4-Dichlorobenzene
Concen: 16.843 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

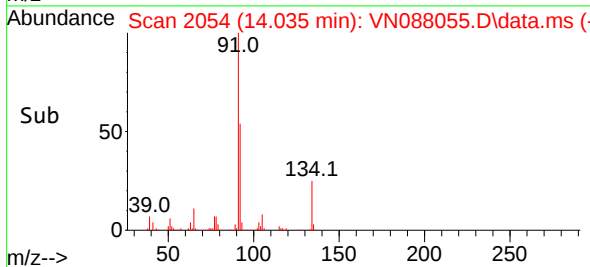
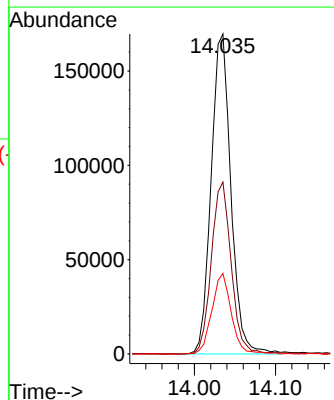
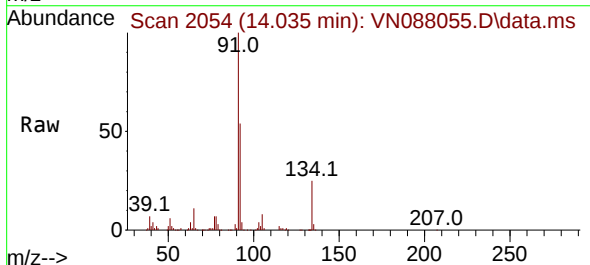
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

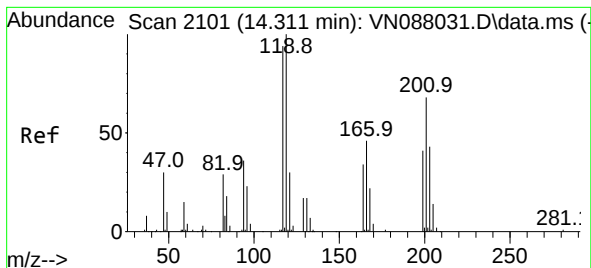
Tgt Ion:146 Resp: 157460
Ion Ratio Lower Upper
146 100
111 40.1 20.5 61.6
148 64.2 31.9 95.9



#85
n-Butylbenzene
Concen: 17.722 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

Tgt Ion: 91 Resp: 287279
Ion Ratio Lower Upper
91 100
92 53.6 0.0 107.6
134 24.6 0.0 52.6





#86

Hexachloroethane

Concen: 17.608 ug/l

RT: 14.306 min Scan# 2101

Delta R.T. -0.006 min

Lab File: VN088055.D

Acq: 17 Oct 2025 09:29

Instrument :

MSVOA_N

ClientSampleId :

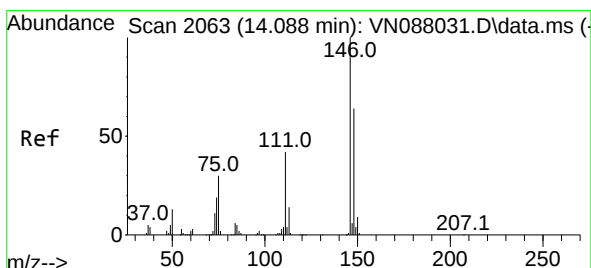
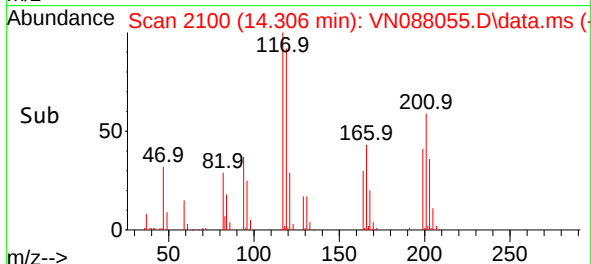
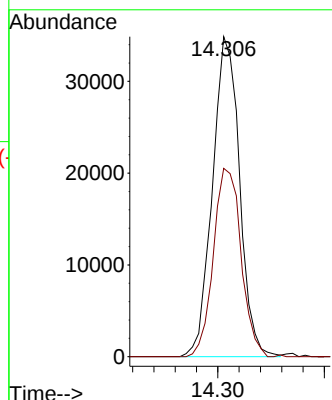
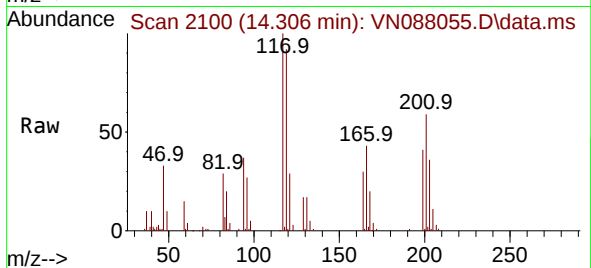
VSTDCCC020

Tgt Ion:117 Resp: 61461

Ion Ratio Lower Upper

117 100

201 60.1 34.8 104.3



#87

1,2-Dichlorobenzene

Concen: 17.185 ug/l

RT: 14.082 min Scan# 2062

Delta R.T. -0.006 min

Lab File: VN088055.D

Acq: 17 Oct 2025 09:29

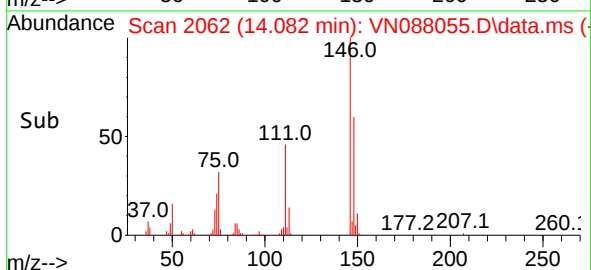
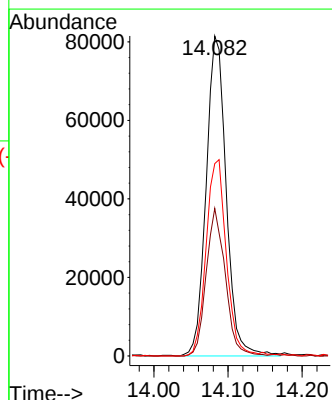
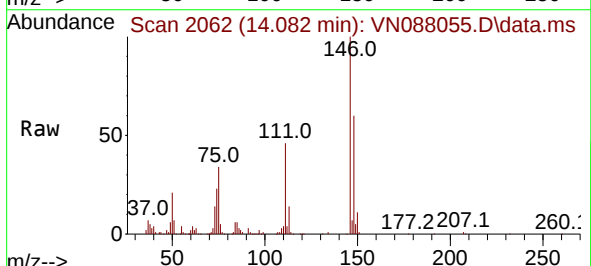
Tgt Ion:146 Resp: 153219

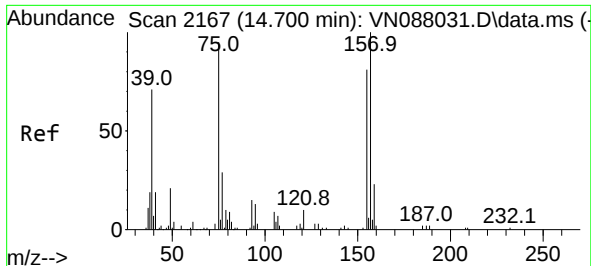
Ion Ratio Lower Upper

146 100

111 43.9 22.3 66.8

148 61.6 31.4 94.3

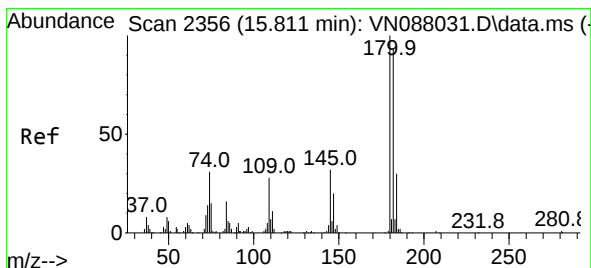
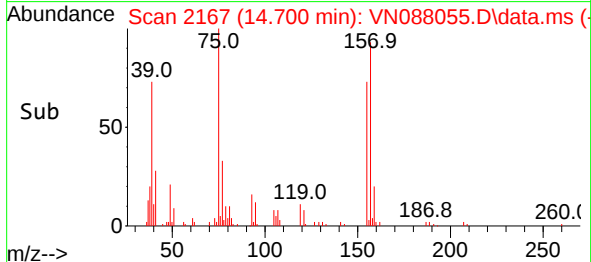
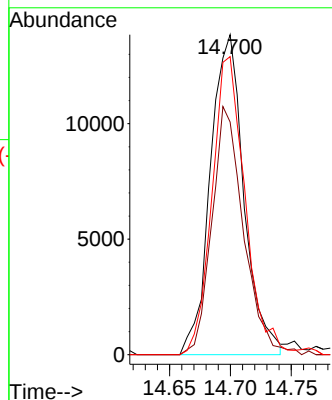
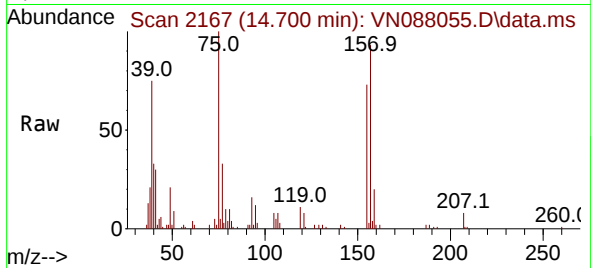




#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.276 ug/l
 RT: 14.700 min Scan# 2167
 Delta R.T. 0.000 min
 Lab File: VN088055.D
 Acq: 17 Oct 2025 09:29

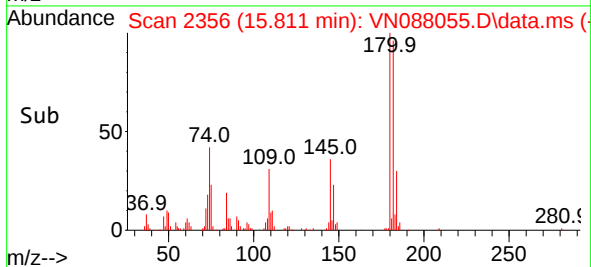
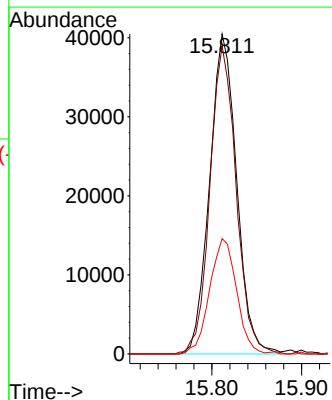
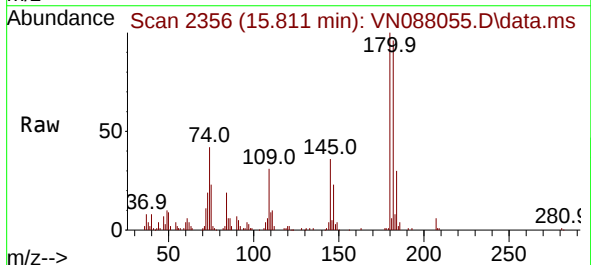
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

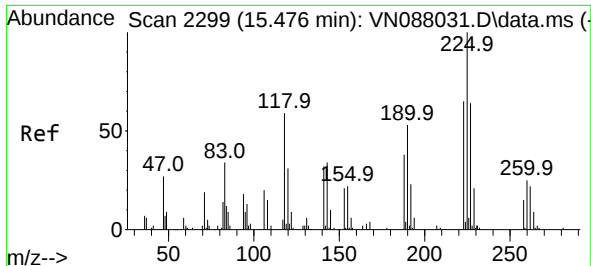
Tgt Ion:	75	Resp:	26516
Ion Ratio	Lower	Upper	
75	100		
155	73.3	63.5	95.3
157	91.7	81.7	122.5



#89
 1,2,4-Trichlorobenzene
 Concen: 15.928 ug/l
 RT: 15.811 min Scan# 2356
 Delta R.T. 0.000 min
 Lab File: VN088055.D
 Acq: 17 Oct 2025 09:29

Tgt Ion:	180	Resp:	84590
Ion Ratio	Lower	Upper	
180	100		
182	93.5	74.6	112.0
145	35.8	27.2	40.8

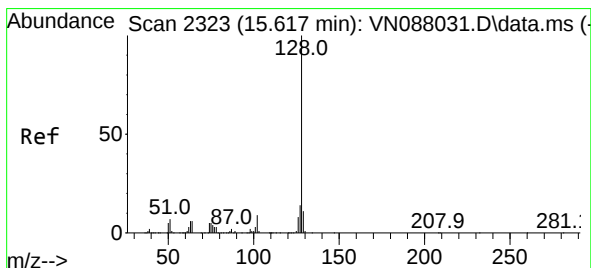
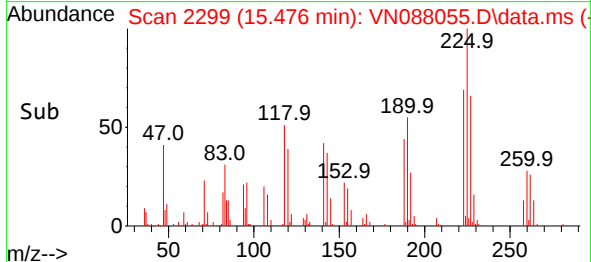
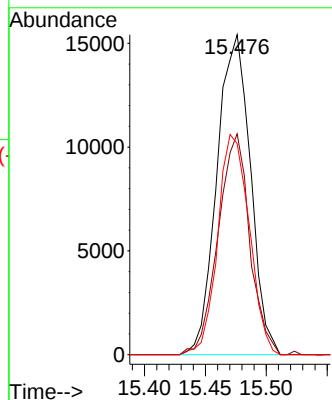
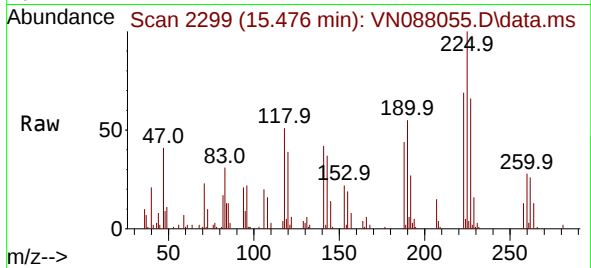




#90
Hexachlorobutadiene
Concen: 15.955 ug/l
RT: 15.476 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

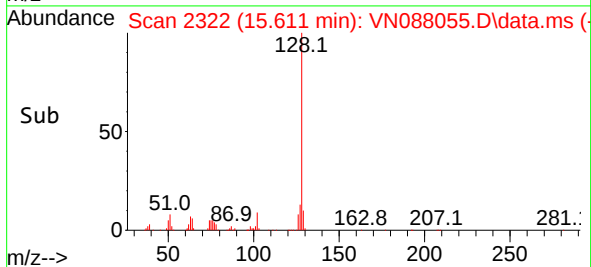
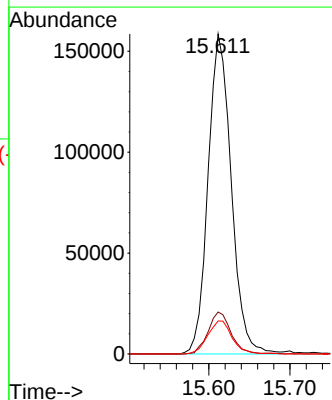
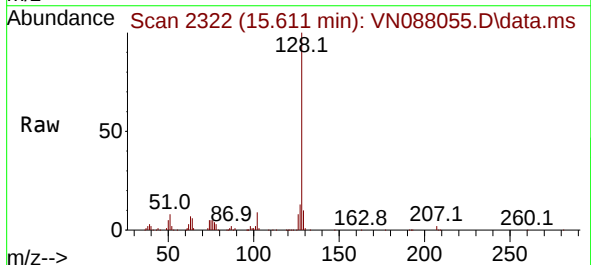
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

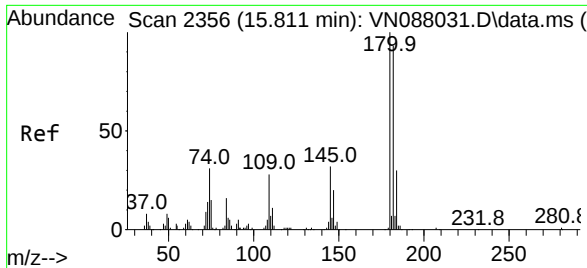
Tgt Ion:225 Resp: 29490
Ion Ratio Lower Upper
225 100
223 65.0 0.0 129.6
227 64.9 0.0 132.2



#91
Naphthalene
Concen: 16.169 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. -0.006 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

Tgt Ion:128 Resp: 314372
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.8 8.6 13.0





#92
 1,2,3-Trichlorobenzene
 Concen: 15.928 ug/l
 RT: 15.811 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN088055.D
 Acq: 17 Oct 2025 09:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tgt Ion:180	Resp:	84590
Ion Ratio	Lower	Upper
180	100	
182	93.5	0.0 186.6
145	35.8	0.0 68.0

