

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100825\
 Data File : VN088038.D
 Acq On : 08 Oct 2025 13:59
 Operator : JC\MD
 Sample : VN1009WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1008WBSD01

Quant Time: Oct 09 02:54:29 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	67745	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	378996	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	337371	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	157639	29.883	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.600%
60) 4-Bromofluorobenzene	12.829	95	168600	30.314	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	101.033%
63) Toluene-d8	10.547	98	458624	30.511	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	86964	22.412	ug/l	96
3) Chloromethane	2.383	50	90661	20.609	ug/l	99
4) Vinyl Chloride	2.536	62	95902	20.907	ug/l	98
5) Bromomethane	2.983	94	56155	22.766	ug/l	89
6) Chloroethane	3.136	64	58383	19.295	ug/l	99
7) Trichlorofluoromethane	3.512	101	135513	21.725	ug/l	100
8) Diethyl Ether	3.959	74	56541	20.061	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.365	101	73847	22.116	ug/l	97
10) 1,1-Dichloroethene	4.330	96	71183	19.984	ug/l	88
11) Methyl Iodide	4.583	142	64948	19.784	ug/l	96
12) Methyl Acetate	5.018	43	113753	19.644	ug/l	89
13) Acrolein	4.177	56	92850	103.616	ug/l #	4
14) Acrylonitrile	5.706	53	282814	101.205	ug/l	98
15) Acetone	4.424	58	76348	93.292	ug/l	86
16) Carbon Disulfide	4.700	76	232887	20.857	ug/l	98
17) Allyl chloride	5.006	41	136133	20.254	ug/l	98
18) Methylene Chloride	5.259	84	91774	20.272	ug/l	98
19) trans-1,2-Dichloroethene	5.777	96	82339	19.994	ug/l	90
20) Diisopropyl ether	6.659	45	308424	20.156	ug/l	99
21) 1,1-Dichloroethane	6.553	63	158582	19.908	ug/l	94
22) cis-1,2-Dichloroethene	7.471	96	101151	19.621	ug/l	99
23) tert-Butyl Alcohol	5.530	59	114651	102.298	ug/l #	100
24) Methyl tert-Butyl Ether	5.783	73	307170	19.979	ug/l	99
25) Chloroform	7.947	83	163380	19.875	ug/l	96
26) Cyclohexane	8.241	56	141081	21.376	ug/l #	98
29) 1,1-Dichloropropene	8.353	75	112694	20.744	ug/l	99
30) 2-Butanone	7.471	43	388424	96.945	ug/l	99
31) 2,2-Dichloropropane	7.471	77	140307	20.045	ug/l	100
32) 1,1,1-Trichloroethane	8.153	97	141075	20.782	ug/l	100
33) Carbon Tetrachloride	8.341	117	120667	21.222	ug/l	96
34) Benzene	8.588	78	358011	19.868	ug/l	100
35) Methacrylonitrile	7.765	41	87495	20.766	ug/l	96
36) 1,2-Dichloroethane	8.647	62	123448	19.734	ug/l	100
37) Trichloroethene	9.335	130	85726	20.080	ug/l	93
38) Methylcyclohexane	9.582	83	147949	22.053	ug/l	99
39) 1,2-Dichloropropane	9.600	63	87721	19.415	ug/l	96
40) Dibromomethane	9.694	93	65500	19.916	ug/l	98
41) Bromodichloromethane	9.871	83	134103	19.965	ug/l #	97
42) Vinyl Acetate	6.589	43	1336189	97.893	ug/l	99

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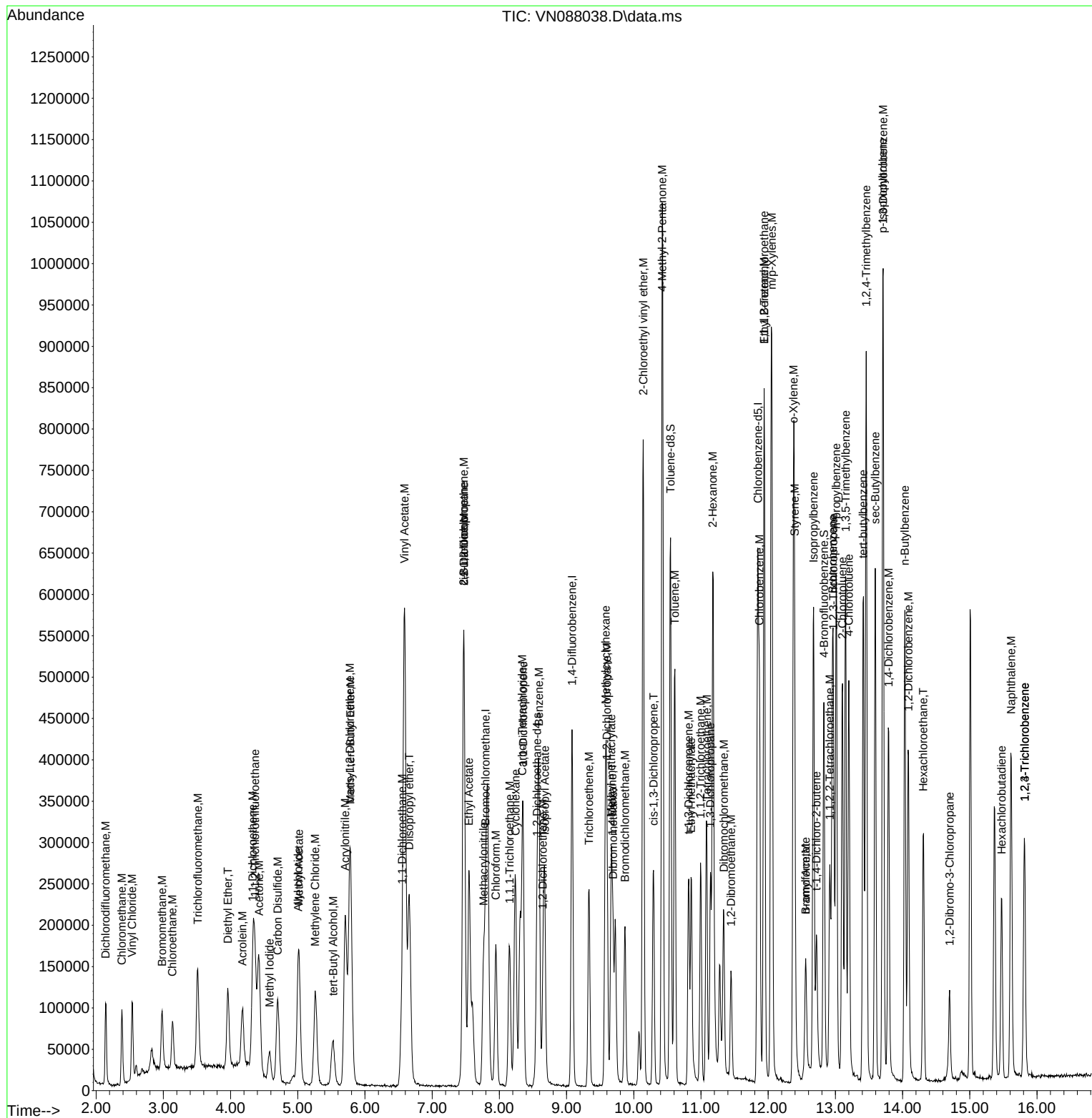
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43) Ethyl Acetate	7.547	43	153397	19.917	ug/l #	85
44) Isopropyl Acetate	8.677	43	253840	20.179	ug/l	98
45) 1,4-Dioxane	9.682	88	34358	410.661	ug/l #	97
46) Methyl methacrylate	9.665	41	114629	20.692	ug/l	98
47) n-amyl Acetate	12.559	43	1205	0.202	ug/l #	27
48) t-1,3-Dichloropropene	10.818	75	146947	19.674	ug/l	100
49) cis-1,3-Dichloropropene	10.294	75	151858	19.491	ug/l	97
50) 1,1,2-Trichloroethane	10.994	97	84761	19.461	ug/l	95
51) Ethyl methacrylate	10.853	69	144004	19.537	ug/l	99
52) 1,3-Dichloropropane	11.141	76	150076	19.750	ug/l	100
53) Dibromochloromethane	11.341	129	101830	19.557	ug/l	98
54) 1,2-Dibromoethane	11.447	107	91973	19.752	ug/l	100
55) 2-Chloroethyl vinyl ether	10.141	63	356645	89.640	ug/l	100
56) Bromoform	12.559	173	67273	19.110	ug/l	96
58) 4-Methyl-2-Pentanone	10.424	43	754327	99.961	ug/l	99
59) 2-Hexanone	11.176	43	488700	98.088	ug/l	100
61) Tetrachloroethene	11.088	164	72713	21.283	ug/l	98
62) Toluene	10.612	91	377038	19.702	ug/l	96
64) Chlorobenzene	11.871	112	244660	20.016	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.941	131	84006	19.943	ug/l	97
66) Ethyl Benzene	11.941	91	422156	20.287	ug/l	98
67) m/p-Xylenes	12.053	106	317926	39.632	ug/l	96
68) o-Xylene	12.376	106	159310	19.949	ug/l	98
69) Styrene	12.394	104	263761	19.967	ug/l	99
70) Isopropylbenzene	12.676	105	403558	20.619	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.918	83	132867	20.023	ug/l	99
72) 1,2,3-Trichloropropane	12.970	75	177056	28.730	ug/l	56
73) Bromobenzene	12.959	156	94319	19.717	ug/l	98
74) n-propylbenzene	13.012	91	487994	20.654	ug/l	100
75) 2-Chlorotoluene	13.106	91	291086	20.149	ug/l	99
76) 1,3,5-Trimethylbenzene	13.153	105	340570	20.485	ug/l	99
77) t-1,4-Dichloro-2-butene	12.718	75	46060	18.755	ug/l	92
78) 4-Chlorotoluene	13.200	91	300719	20.488	ug/l	97
79) tert-butylbenzene	13.412	119	305555	21.201	ug/l	99
80) 1,2,4-Trimethylbenzene	13.459	105	335940	20.184	ug/l	99
81) sec-Butylbenzene	13.594	105	433069	21.371	ug/l	100
82) p-Isopropyltoluene	13.706	119	373742	21.603	ug/l	100
83) 1,3-Dichlorobenzene	13.712	146	181749	20.193	ug/l	99
84) 1,4-Dichlorobenzene	13.794	146	192001	20.684	ug/l	99
85) n-Butylbenzene	14.035	91	340776	21.172	ug/l	99
86) Hexachloroethane	14.306	117	68466	19.755	ug/l	98
87) 1,2-Dichlorobenzene	14.088	146	178923	20.210	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.700	75	30078	19.736	ug/l	95
89) 1,2,4-Trichlorobenzene	15.817	180	104869	19.887	ug/l	98
90) Hexachlorobutadiene	15.476	225	40385	22.004	ug/l	97
91) Naphthalene	15.617	128	386783	20.034	ug/l	99
92) 1,2,3-Trichlorobenzene	15.817	180	104869	19.887	ug/l	98

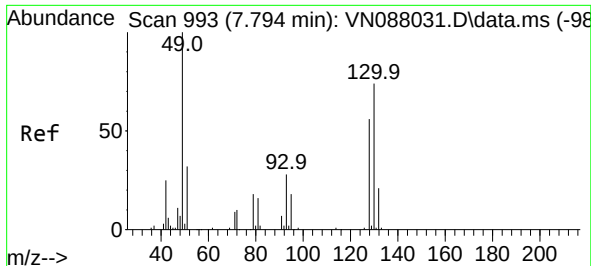
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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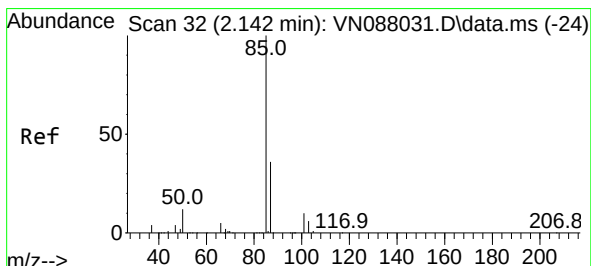
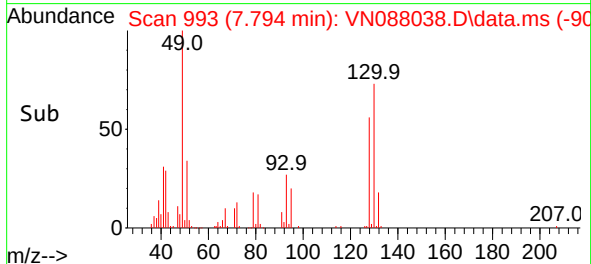
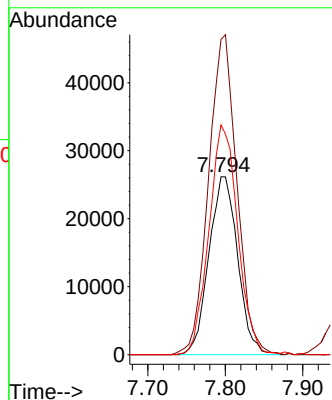
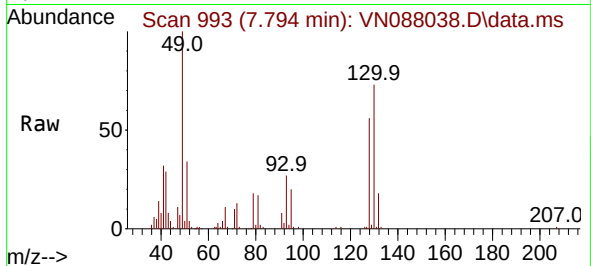




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 993
Delta R.T. 0.000 min
Lab File: VN088038.D
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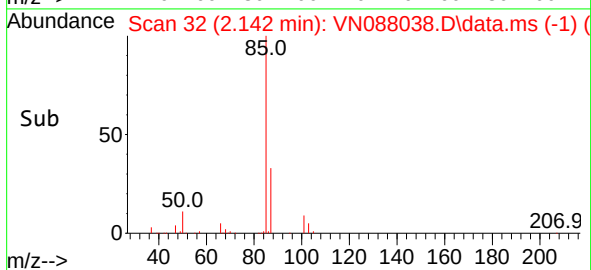
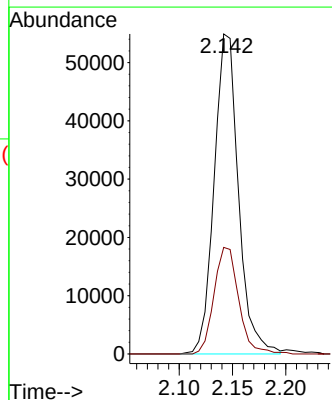
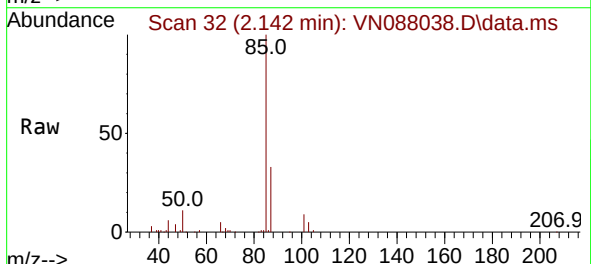
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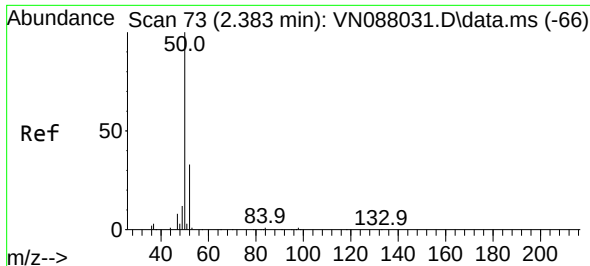
Tgt Ion:128 Resp: 67745
Ion Ratio Lower Upper
128 100
49 176.6 0.0 439.8
130 129.1 0.0 325.8



#2
Dichlorodifluoromethane
Concen: 22.412 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN088038.D
Acq: 08 Oct 2025 13:59

Tgt Ion: 85 Resp: 86964
Ion Ratio Lower Upper
85 100
87 33.3 17.9 53.8

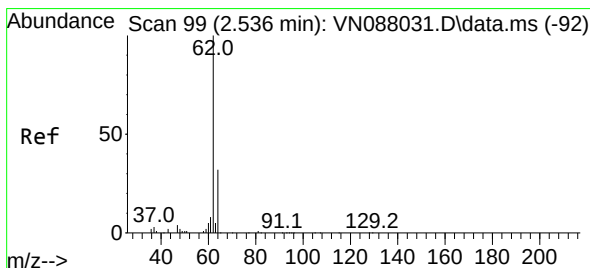
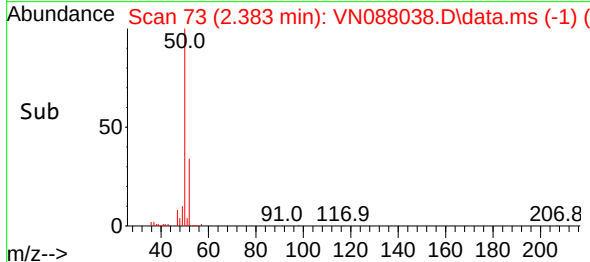
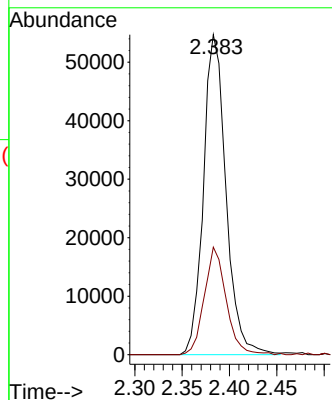
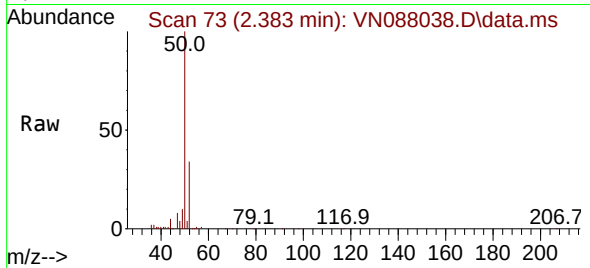




#3
Chloromethane
Concen: 20.609 ug/l
RT: 2.383 min Scan# 73
Delta R.T. 0.000 min
Lab File: VN088038.D
Acq: 08 Oct 2025 13:59

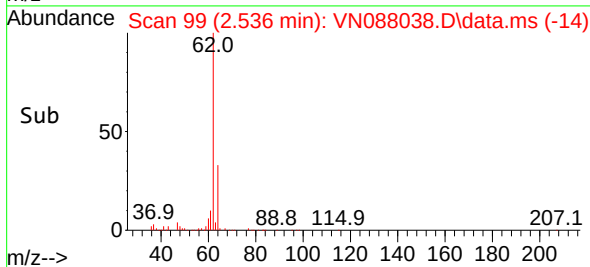
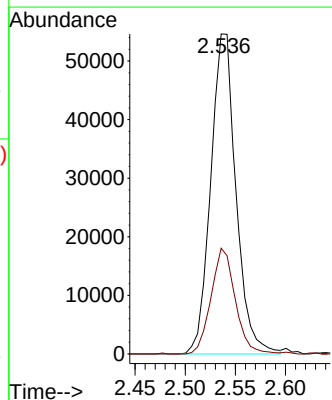
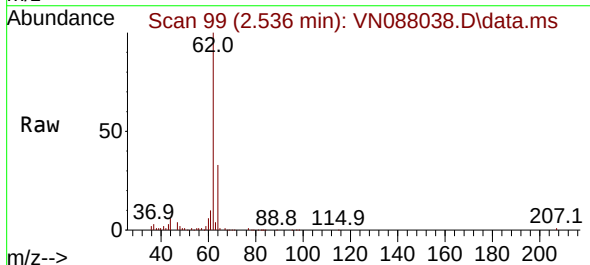
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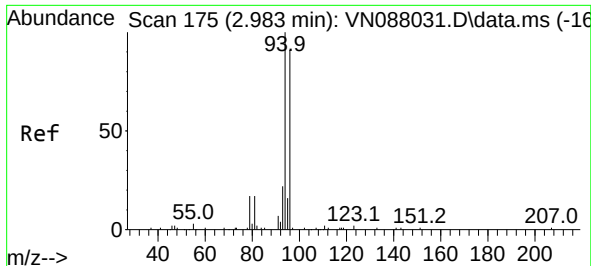
Tgt Ion: 50 Resp: 90661
Ion Ratio Lower Upper
50 100
52 33.6 26.3 39.5



#4
Vinyl Chloride
Concen: 20.907 ug/l
RT: 2.536 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN088038.D
Acq: 08 Oct 2025 13:59

Tgt Ion: 62 Resp: 95902
Ion Ratio Lower Upper
62 100
64 33.1 25.7 38.5

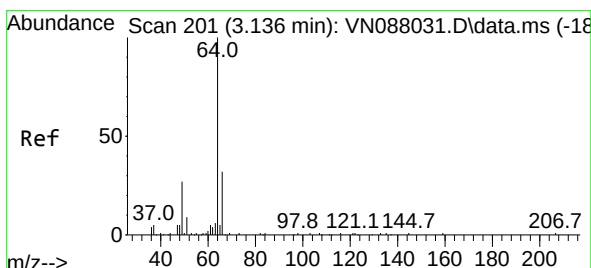
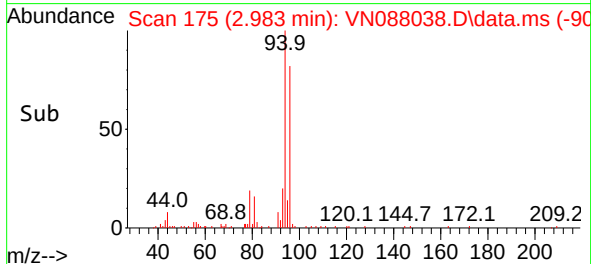
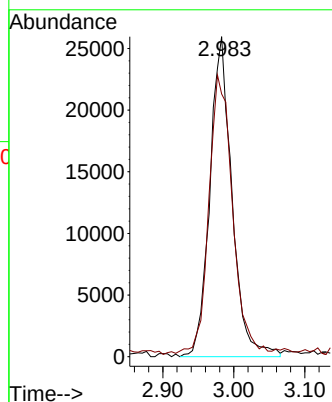
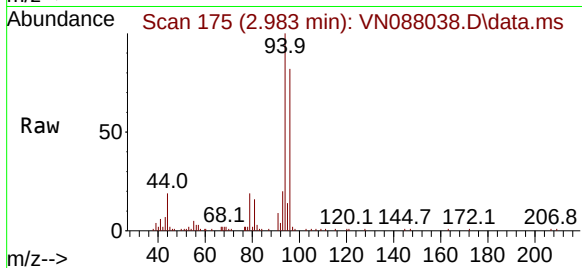




#5
Bromomethane
Concen: 22.766 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088038.D
Acq: 08 Oct 2025 13:59

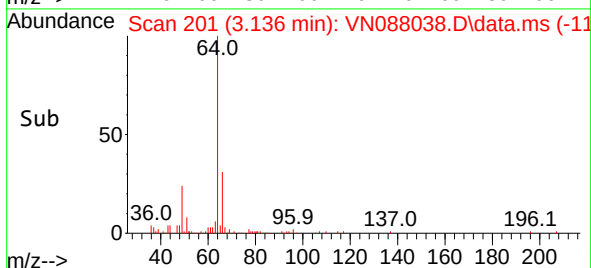
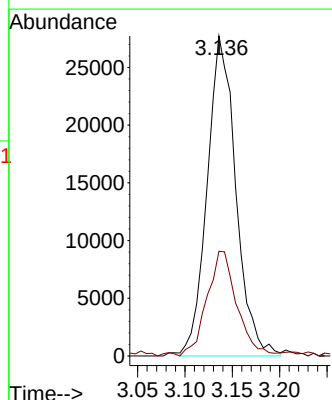
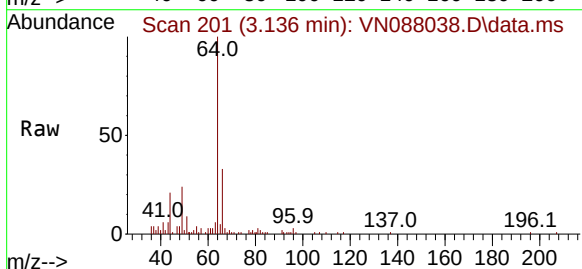
Instrument :
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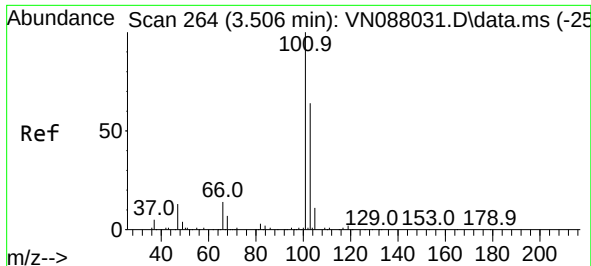
Tgt Ion: 94 Resp: 56155
Ion Ratio Lower Upper
94 100
96 80.4 73.0 109.4



#6
Chloroethane
Concen: 19.295 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.000 min
Lab File: VN088038.D
Acq: 08 Oct 2025 13:59

Tgt Ion: 64 Resp: 58383
Ion Ratio Lower Upper
64 100
66 33.0 26.8 40.2

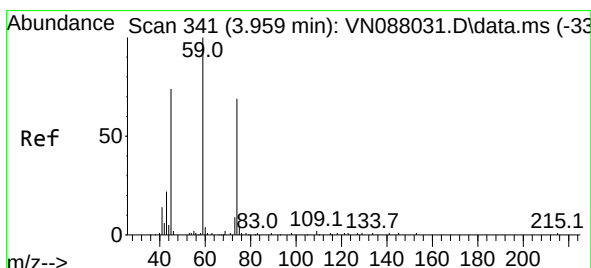
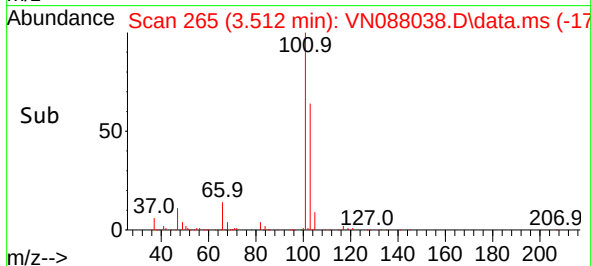
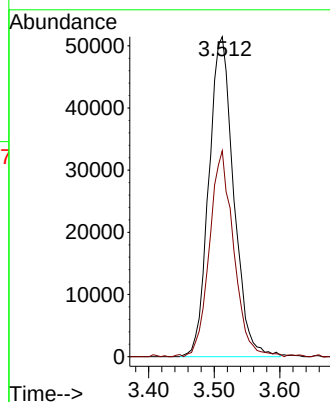
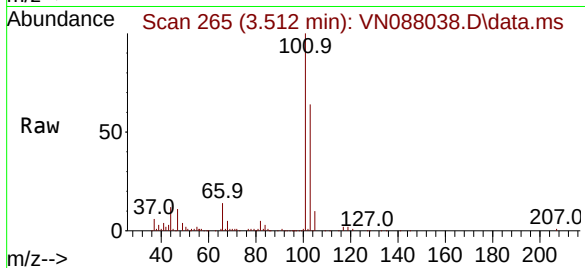




#7
Trichlorofluoromethane
Concen: 21.725 ug/l
RT: 3.512 min Scan# 20
Delta R.T. 0.006 min
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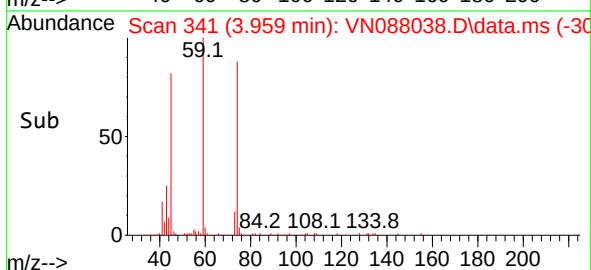
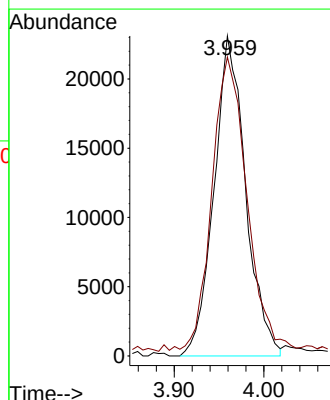
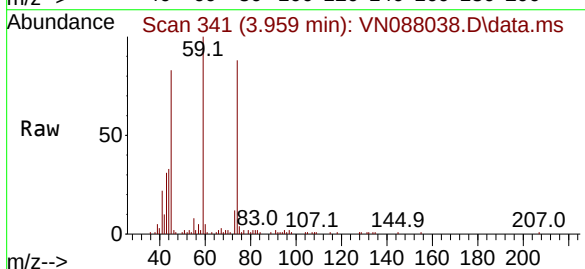
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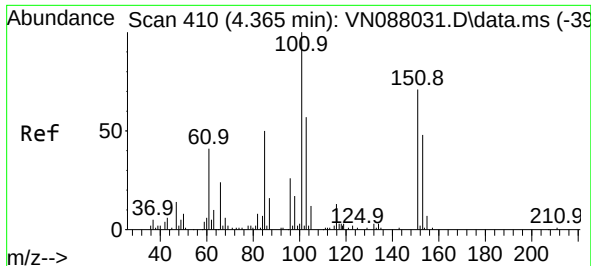
Tgt Ion:101 Resp: 135513
Ion Ratio Lower Upper
101 100
103 63.7 51.0 76.4



#8
Diethyl Ether
Concen: 20.061 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN088038.D
Acq: 08 Oct 2025 13:59

Tgt Ion: 74 Resp: 56541
Ion Ratio Lower Upper
74 100
45 98.8 20.4 183.8

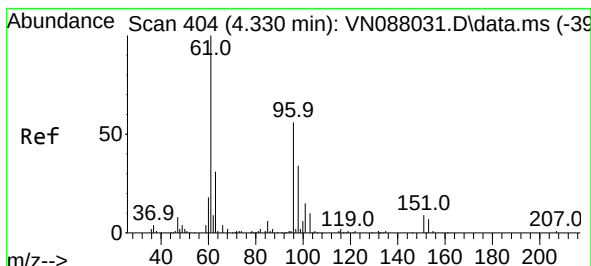
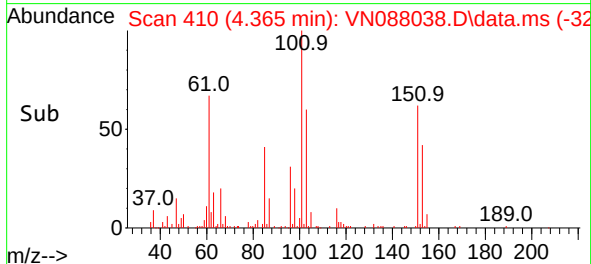
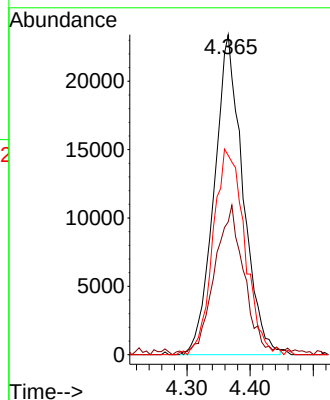
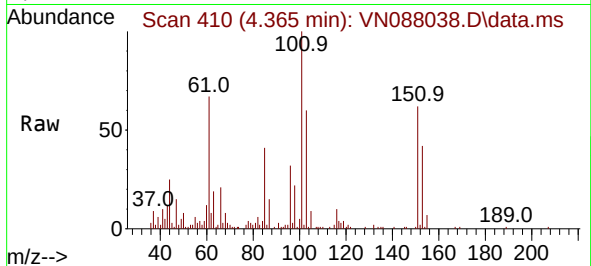




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 22.116 ug/l
 RT: 4.365 min Scan# 410
 Delta R.T. 0.000 min
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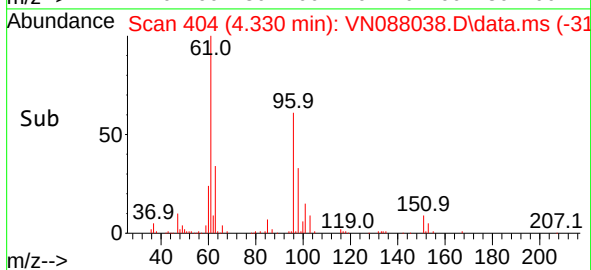
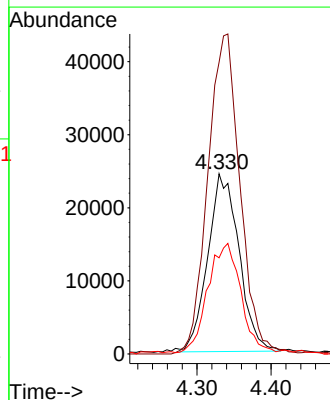
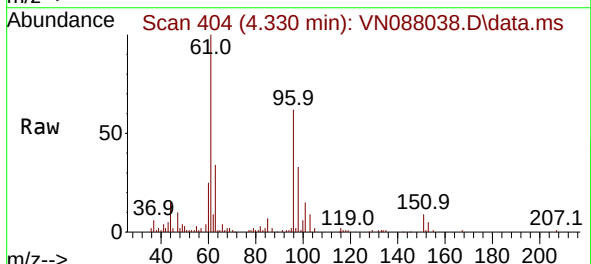
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 VN1008WBSD01

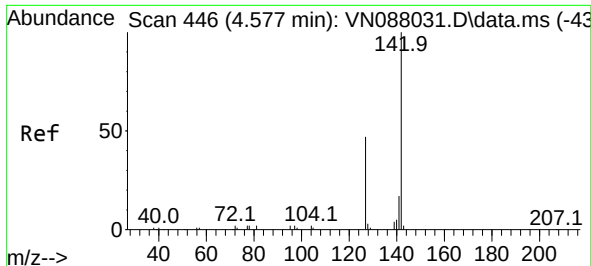
Tgt Ion:101 Resp: 73847
 Ion Ratio Lower Upper
 101 100
 85 47.8 0.0 103.2
 151 70.1 0.0 141.4



#10
 1,1-Dichloroethene
 Concen: 19.984 ug/l
 RT: 4.330 min Scan# 404
 Delta R.T. 0.000 min
 Lab File: VN088038.D
 Acq: 08 Oct 2025 13:59

Tgt Ion: 96 Resp: 71183
 Ion Ratio Lower Upper
 96 100
 61 162.8 144.1 216.1
 98 53.4 49.0 73.6

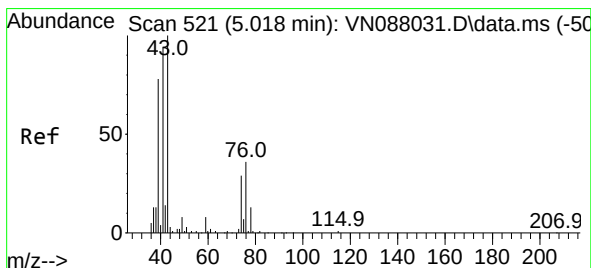
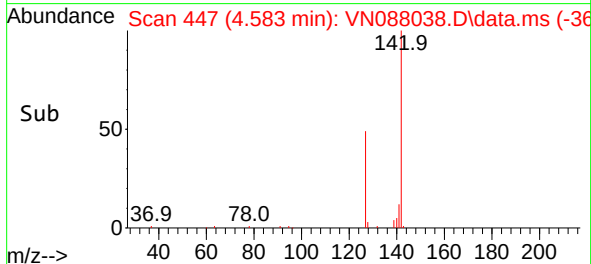
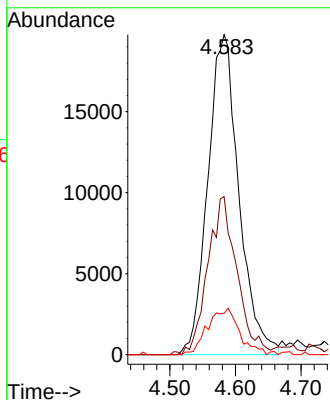
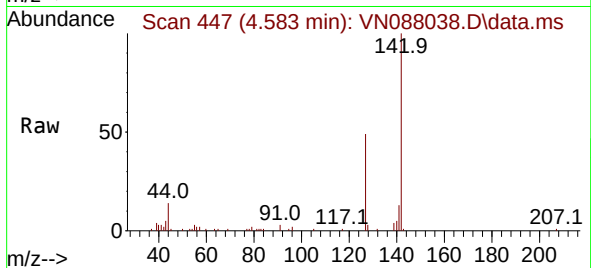




#11
Methyl Iodide
Concen: 19.784 ug/l
RT: 4.583 min Scan# 446
Delta R.T. 0.006 min
Lab File: VN088038.D
Acq: 08 Oct 2025 13:59

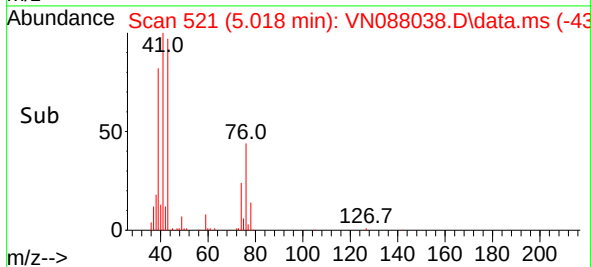
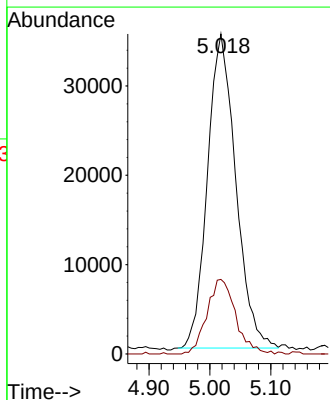
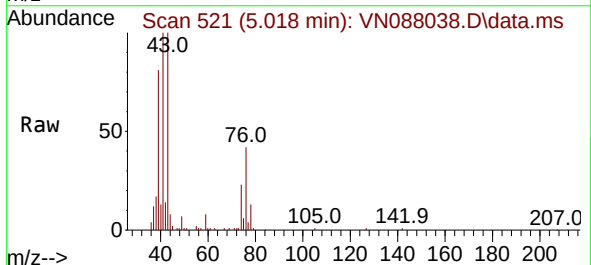
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

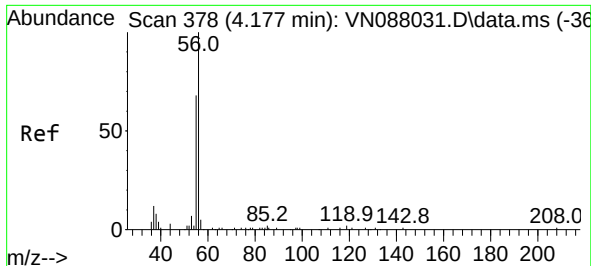
Tgt Ion:142 Resp: 64948
Ion Ratio Lower Upper
142 100
127 48.4 23.4 70.3
141 13.1 8.8 26.2



#12
Methyl Acetate
Concen: 19.644 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN088038.D
Acq: 08 Oct 2025 13:59

Tgt Ion: 43 Resp: 113753
Ion Ratio Lower Upper
43 100
74 23.5 23.3 34.9

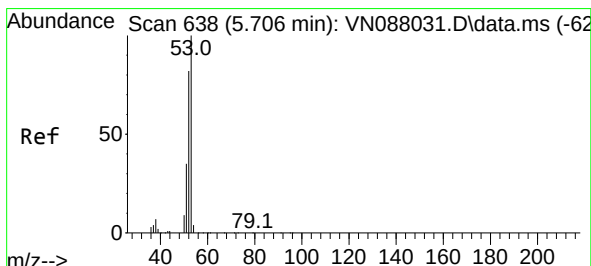
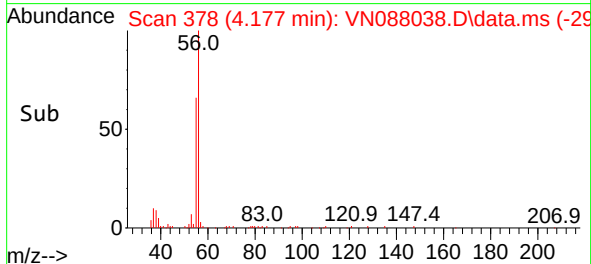
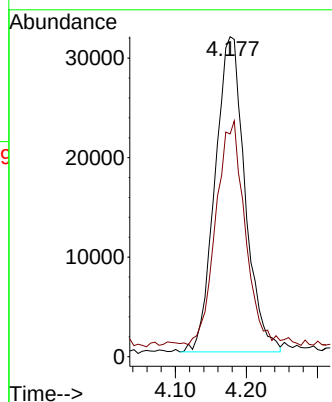
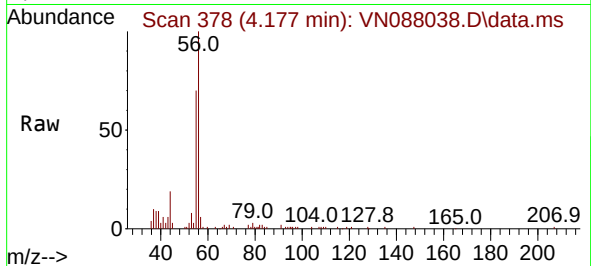




#13
Acrolein
Concen: 103.616 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN088038.D
Acq: 08 Oct 2025 13:59

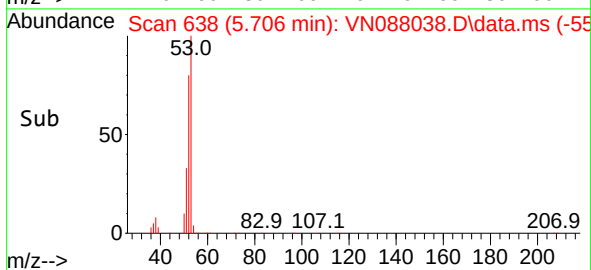
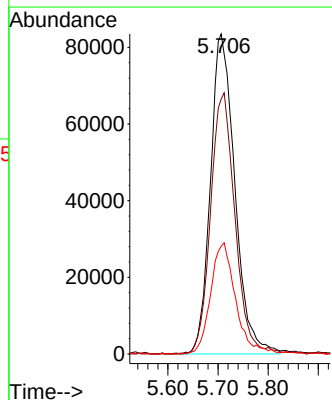
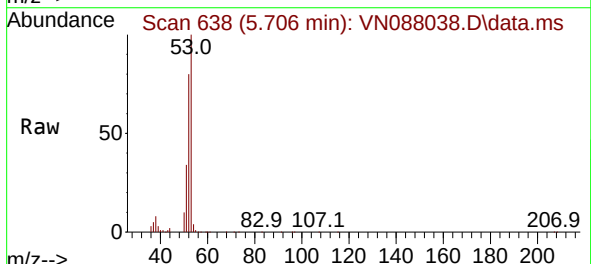
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

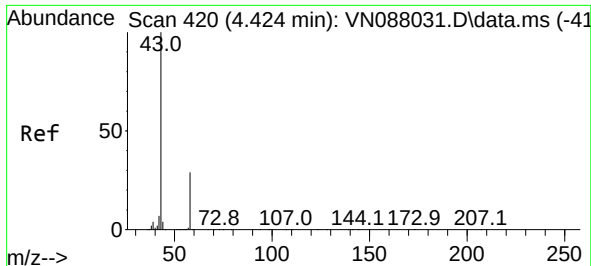
Tgt Ion: 56 Resp: 92850
Ion Ratio Lower Upper
56 100
55 72.4 0.3 0.5#



#14
Acrylonitrile
Concen: 101.205 ug/l
RT: 5.706 min Scan# 638
Delta R.T. 0.000 min
Lab File: VN088038.D
Acq: 08 Oct 2025 13:59

Tgt Ion: 53 Resp: 282814
Ion Ratio Lower Upper
53 100
52 80.7 41.3 124.1
51 35.0 18.0 54.0

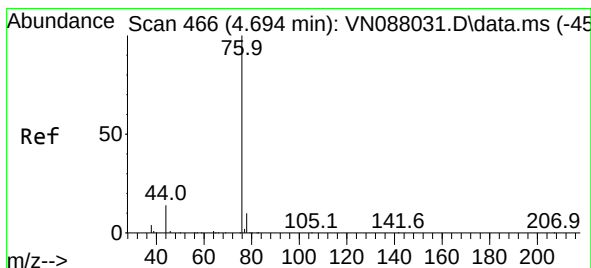
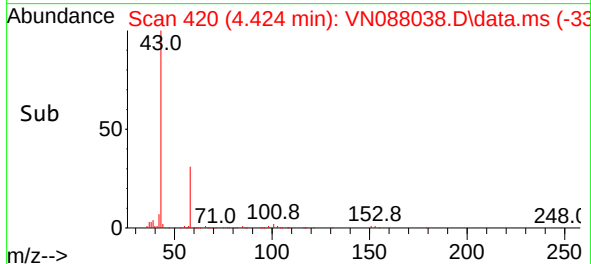
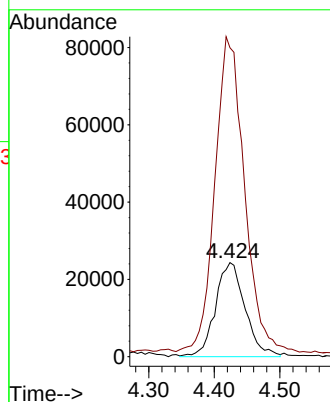
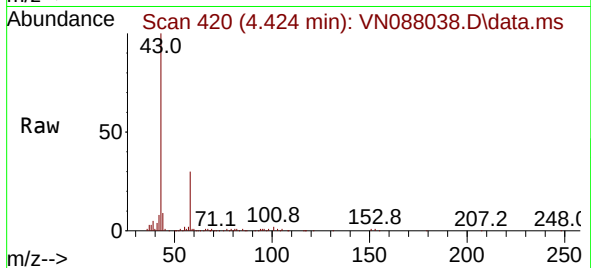




#15
Acetone
Concen: 93.292 ug/l
RT: 4.424 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN088038.D
Acq: 08 Oct 2025 13:59

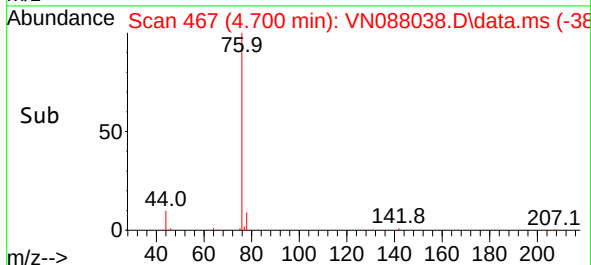
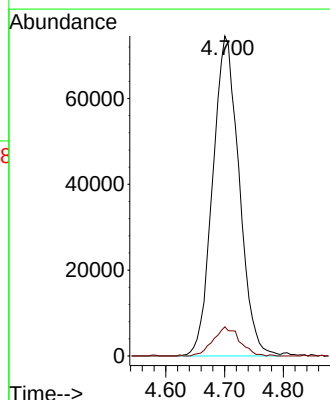
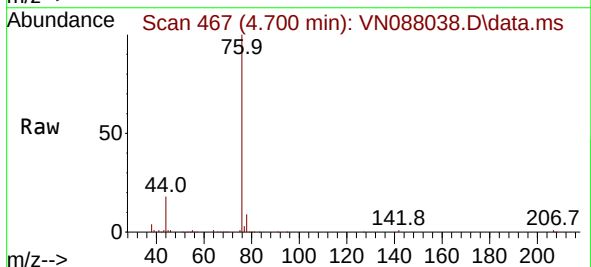
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

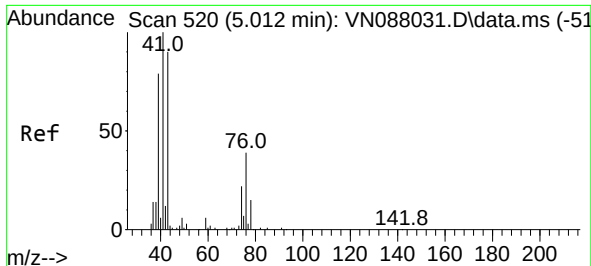
Tgt Ion: 58 Resp: 76348
Ion Ratio Lower Upper
58 100
43 323.8 282.6 424.0



#16
Carbon Disulfide
Concen: 20.857 ug/l
RT: 4.700 min Scan# 467
Delta R.T. 0.006 min
Lab File: VN088038.D
Acq: 08 Oct 2025 13:59

Tgt Ion: 76 Resp: 232887
Ion Ratio Lower Upper
76 100
78 9.1 7.8 11.8

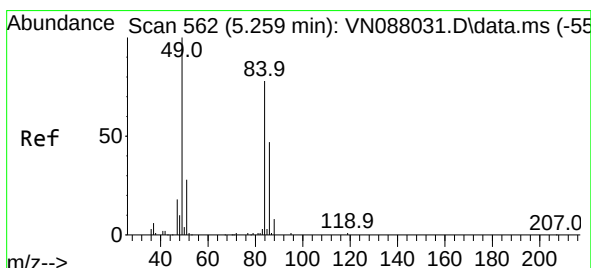
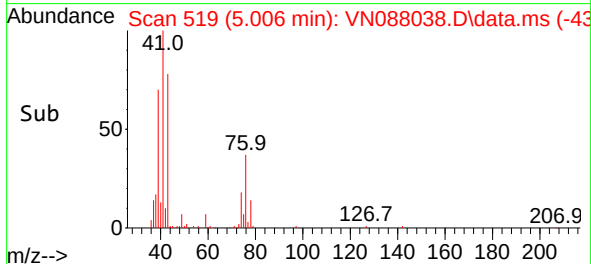
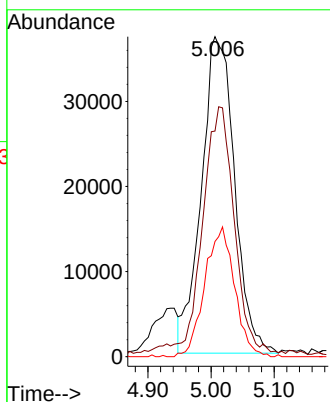
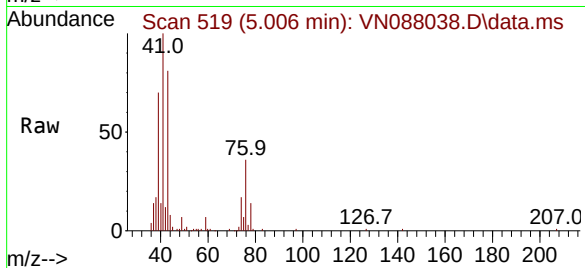




#17
Allyl chloride
Concen: 20.254 ug/l
RT: 5.006 min Scan# 519
Delta R.T. -0.006 min
Lab File: VN088038.D
Acq: 08 Oct 2025 13:59

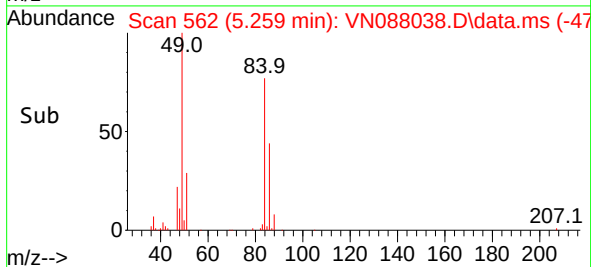
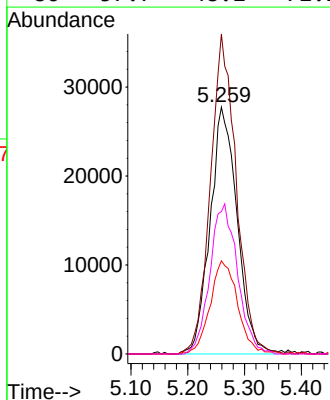
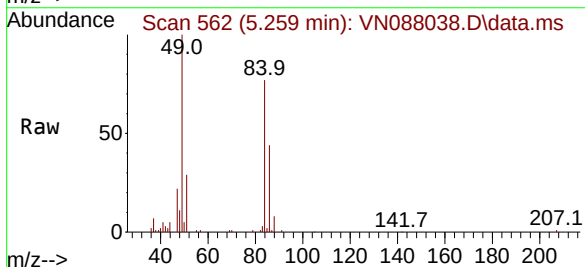
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

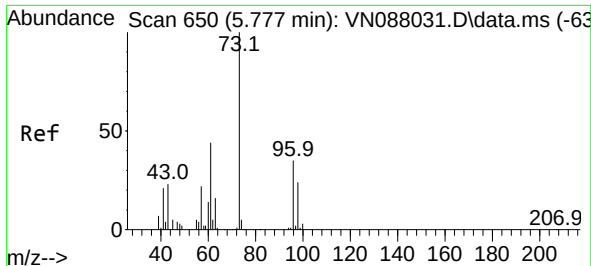
Tgt Ion: 41 Resp: 136133
Ion Ratio Lower Upper
41 100
39 69.9 36.4 109.2
76 35.8 18.1 54.1



#18
Methylene Chloride
Concen: 20.272 ug/l
RT: 5.259 min Scan# 562
Delta R.T. 0.000 min
Lab File: VN088038.D
Acq: 08 Oct 2025 13:59

Tgt Ion: 84 Resp: 91774
Ion Ratio Lower Upper
84 100
49 129.7 102.6 153.8
51 37.7 28.6 42.8
86 57.7 48.2 72.2

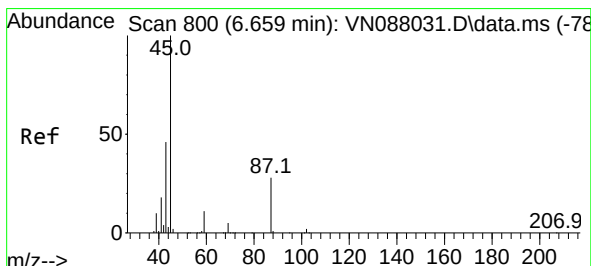
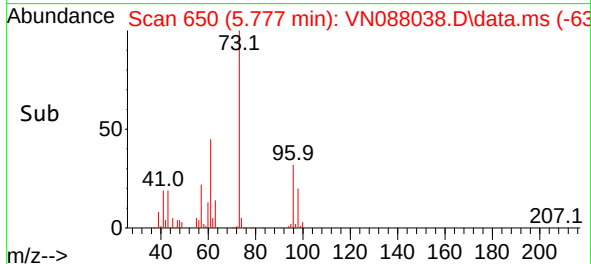
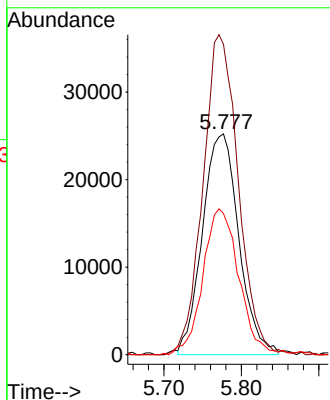
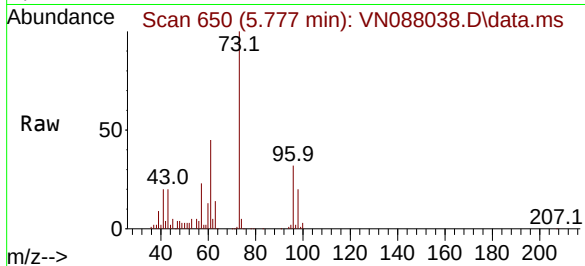




#19
trans-1,2-Dichloroethene
Concen: 19.994 ug/l
RT: 5.777 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN088038.D
Acq: 08 Oct 2025 13:59

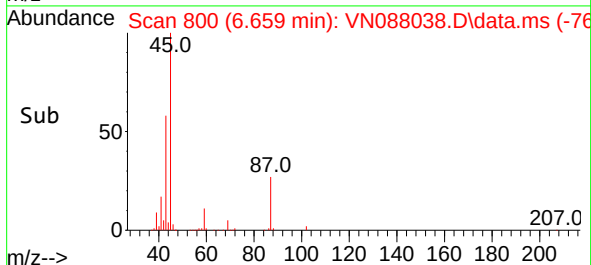
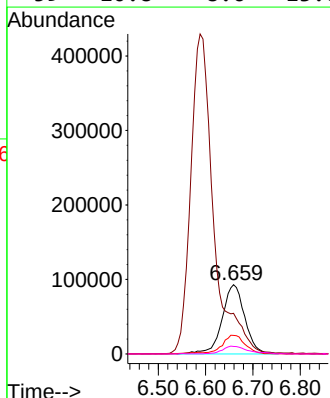
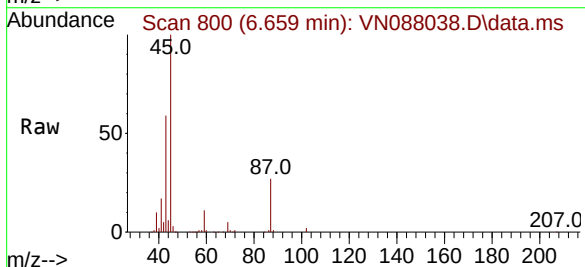
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

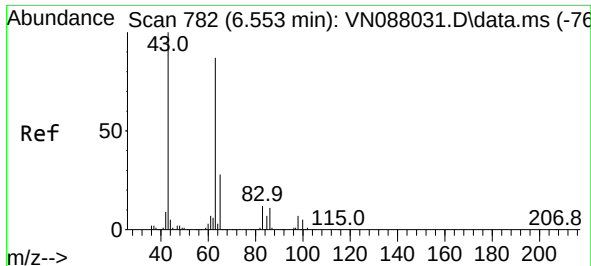
Tgt Ion: 96 Resp: 82339
Ion Ratio Lower Upper
96 100
61 140.2 100.6 151.0
98 63.6 54.0 81.0



#20
Diisopropyl ether
Concen: 20.156 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.000 min
Lab File: VN088038.D
Acq: 08 Oct 2025 13:59

Tgt Ion: 45 Resp: 308424
Ion Ratio Lower Upper
45 100
43 57.1 46.1 69.1
87 26.6 22.3 33.5
59 10.8 8.6 13.0

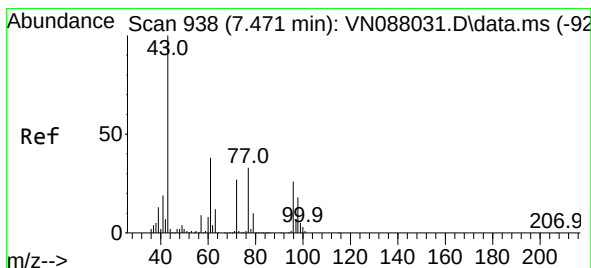
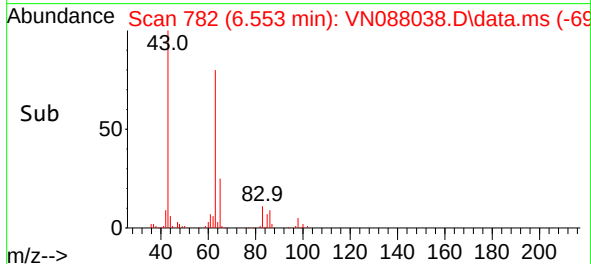
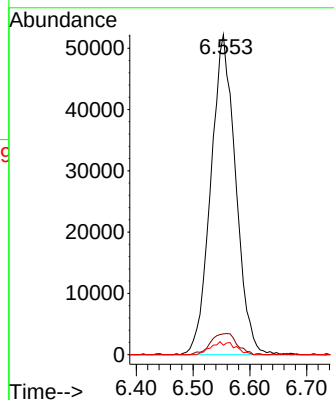
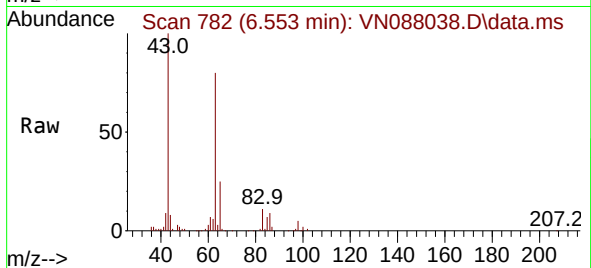




#21
 1,1-Dichloroethane
 Concen: 19.908 ug/l
 RT: 6.553 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VN088038.D
 Acq: 08 Oct 2025 13:59

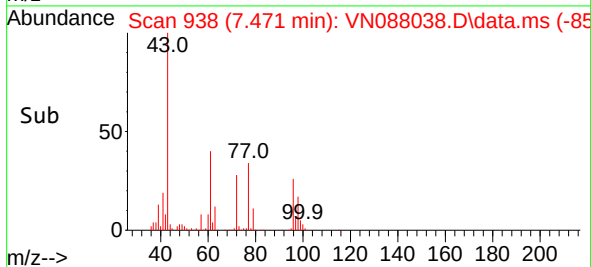
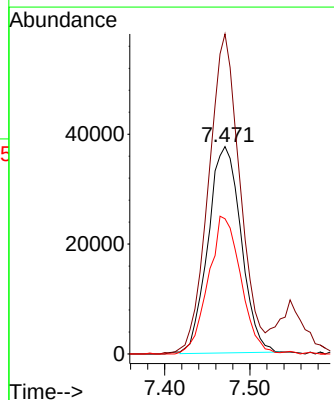
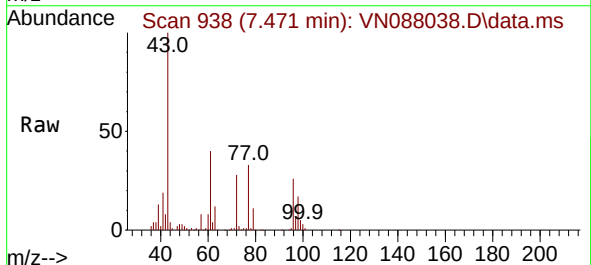
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1008WBSD01

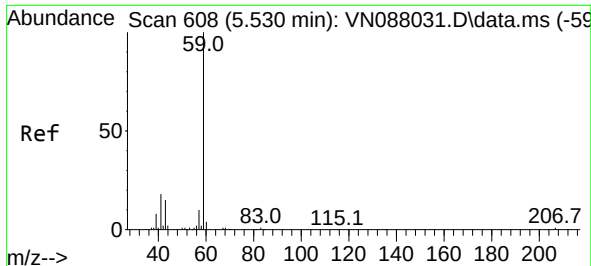
Tgt Ion: 63 Resp: 158582
 Ion Ratio Lower Upper
 63 100
 98 6.5 4.3 12.8
 100 2.9 2.6 8.0



#22
 cis-1,2-Dichloroethene
 Concen: 19.621 ug/l
 RT: 7.471 min Scan# 938
 Delta R.T. 0.000 min
 Lab File: VN088038.D
 Acq: 08 Oct 2025 13:59

Tgt Ion: 96 Resp: 101151
 Ion Ratio Lower Upper
 96 100
 61 147.5 117.0 175.6
 98 65.6 52.6 79.0

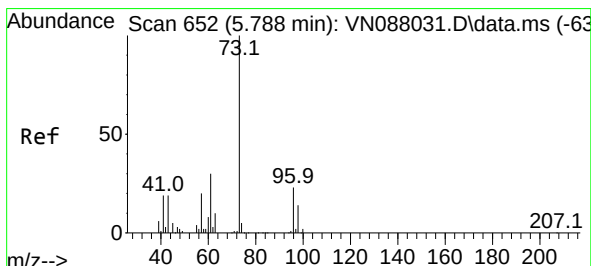
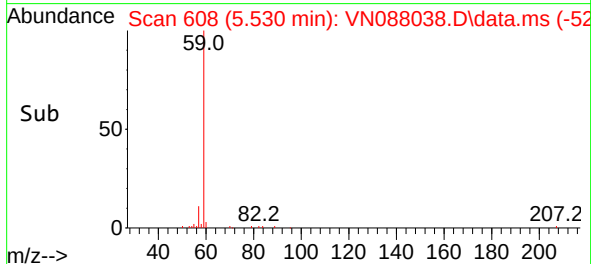
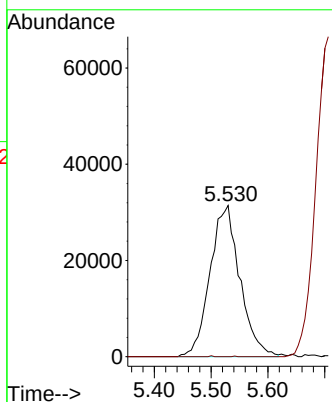
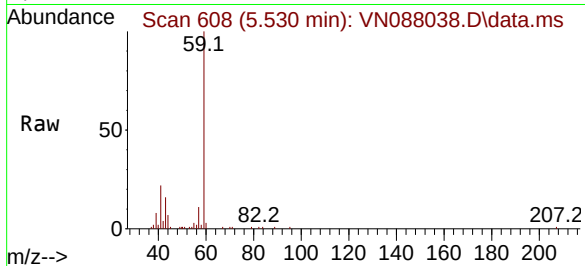




#23
 tert-Butyl Alcohol
 Concen: 102.298 ug/l
 RT: 5.530 min Scan# 608
 Delta R.T. 0.000 min
 Lab File: VN088038.D
 Acq: 08 Oct 2025 13:59

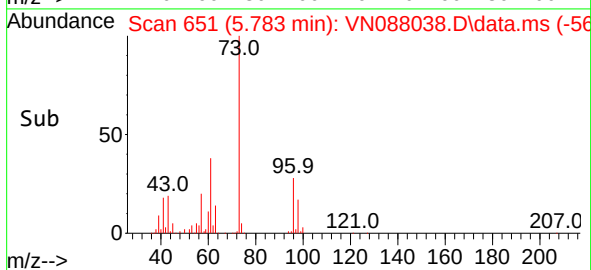
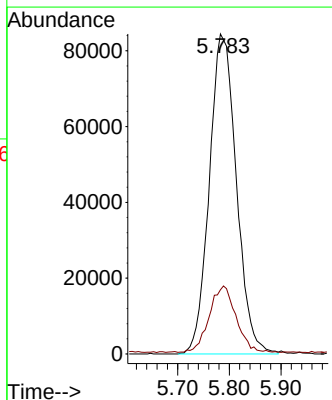
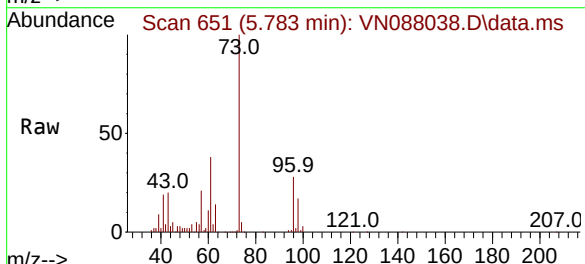
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1008WBSD01

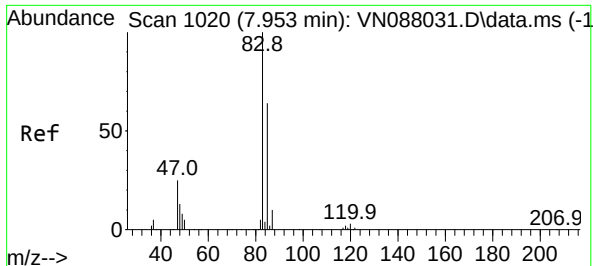
Tgt Ion: 59 Resp: 114651
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0



#24
 Methyl tert-Butyl Ether
 Concen: 19.979 ug/l
 RT: 5.783 min Scan# 651
 Delta R.T. -0.006 min
 Lab File: VN088038.D
 Acq: 08 Oct 2025 13:59

Tgt Ion: 73 Resp: 307170
 Ion Ratio Lower Upper
 73 100
 43 20.6 17.0 25.4





#25

Chloroform

Concen: 19.875 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VN088038.D

Acq: 08 Oct 2025 13:59

Instrument :

MSVOA_N

ClientSampleId :

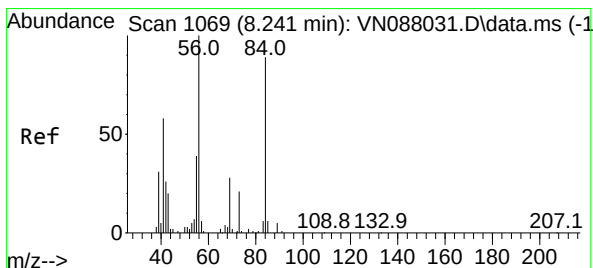
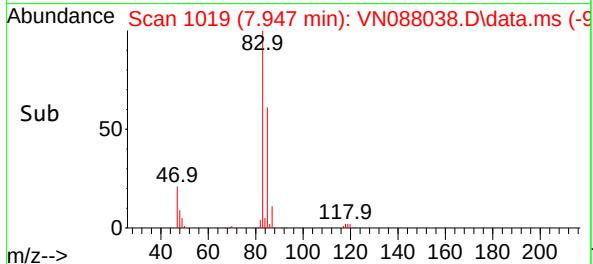
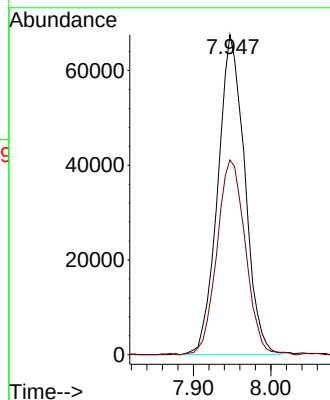
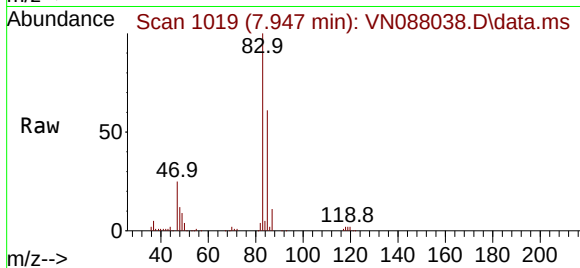
VN1008WBSD01

Tgt Ion: 83 Resp: 163380

Ion Ratio Lower Upper

83 100

85 60.8 50.9 76.3



#26

Cyclohexane

Concen: 21.376 ug/l

RT: 8.241 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VN088038.D

Acq: 08 Oct 2025 13:59

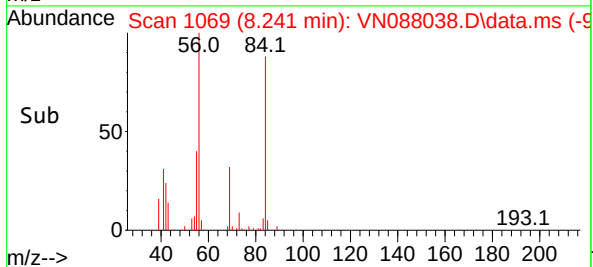
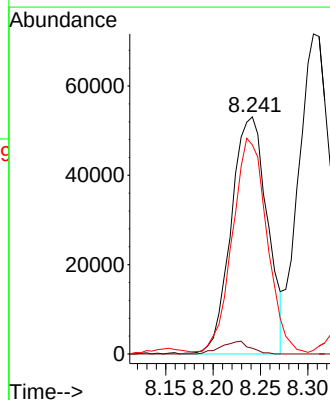
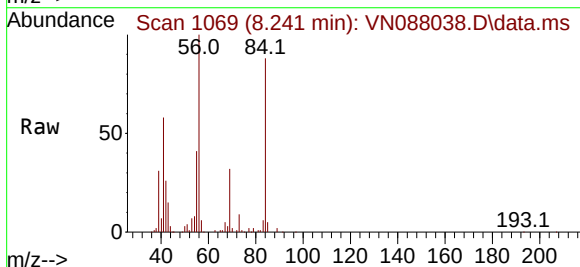
Tgt Ion: 56 Resp: 141081

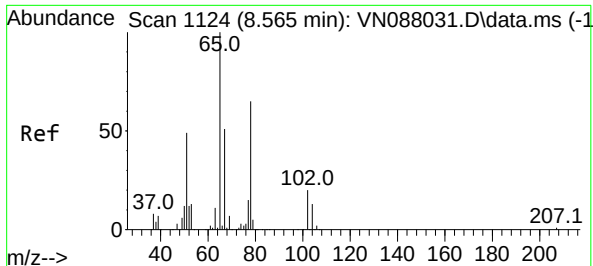
Ion Ratio Lower Upper

56 100

89 4.3 8.6 12.8#

84 87.5 69.6 104.4





#27

1,2-Dichloroethane-d4

Concen: 29.883 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.006 min

Lab File: VN088038.D

Acq: 08 Oct 2025 13:59

Instrument :

MSVOA_N

ClientSampleId :

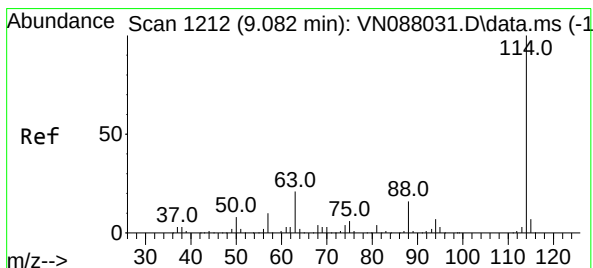
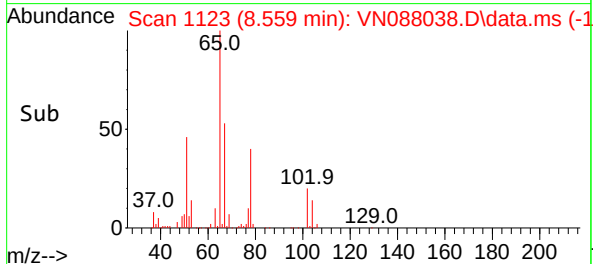
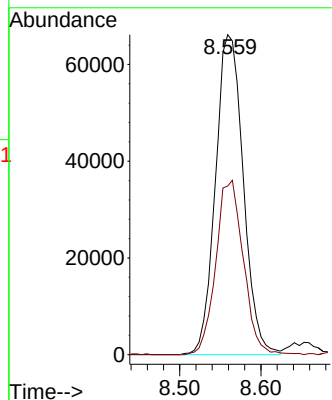
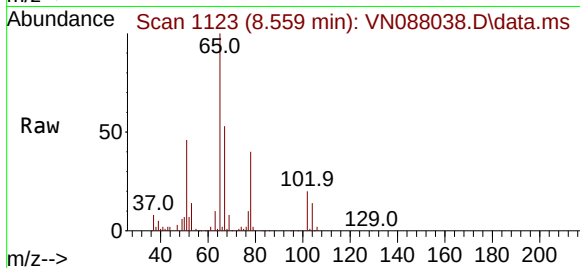
VN1008WBSD01

Tgt Ion: 65 Resp: 157639

Ion Ratio Lower Upper

65 100

67 53.9 41.9 62.9



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN088038.D

Acq: 08 Oct 2025 13:59

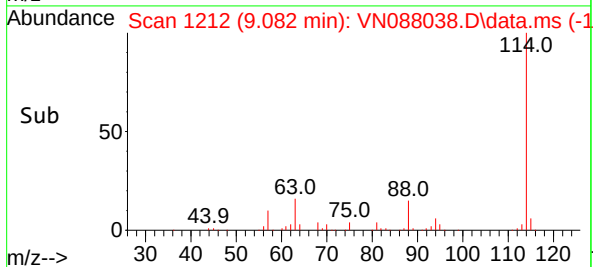
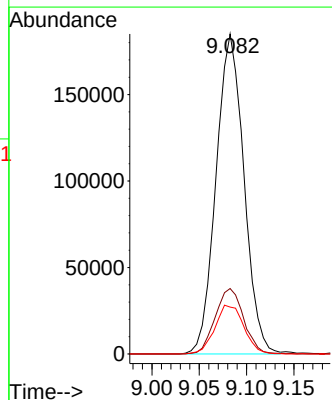
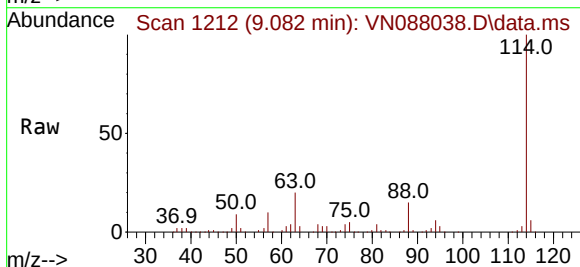
Tgt Ion: 114 Resp: 378996

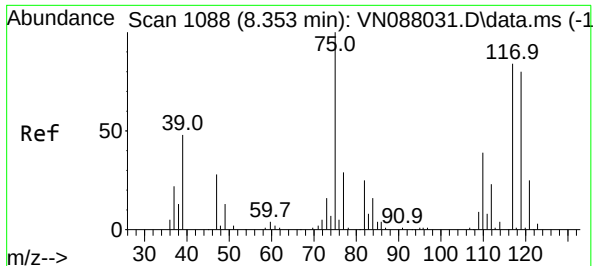
Ion Ratio Lower Upper

114 100

63 20.9 16.6 25.0

88 15.9 12.6 18.8





#29

1,1-Dichloropropene

Concen: 20.744 ug/l

RT: 8.353 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN088038.D

Acq: 08 Oct 2025 13:59

Instrument :

MSVOA_N

ClientSampleId :

VN1008WBSD01

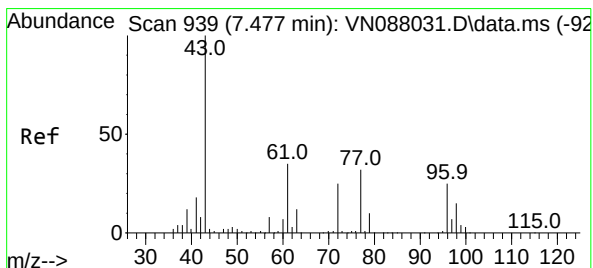
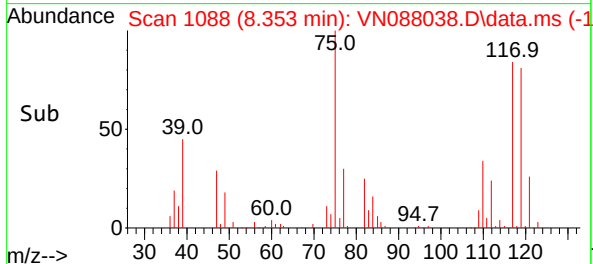
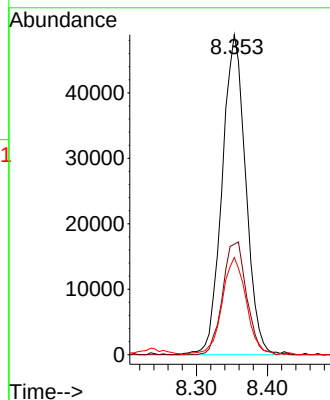
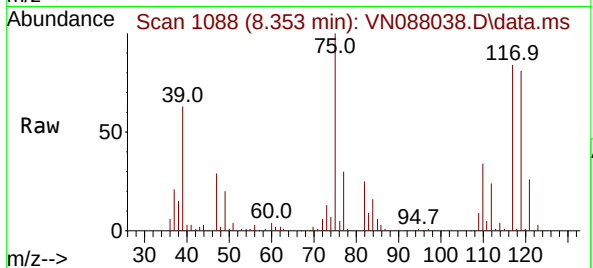
Tgt Ion: 75 Resp: 112694

Ion Ratio Lower Upper

75 100

110 35.8 0.0 72.2

77 31.1 0.0 60.6



#30

2-Butanone

Concen: 96.945 ug/l

RT: 7.471 min Scan# 938

Delta R.T. -0.006 min

Lab File: VN088038.D

Acq: 08 Oct 2025 13:59

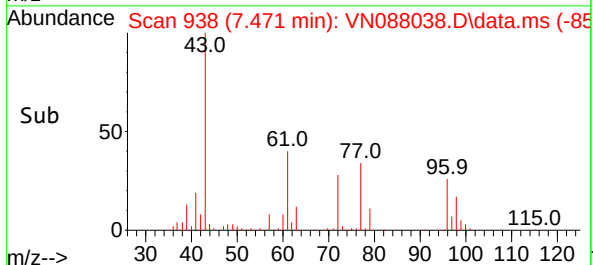
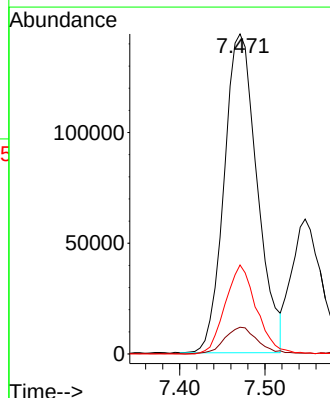
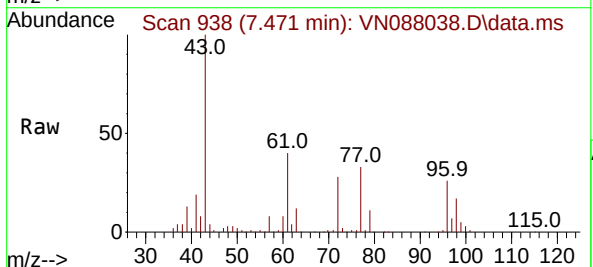
Tgt Ion: 43 Resp: 388424

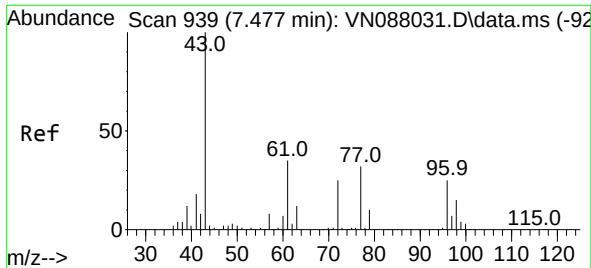
Ion Ratio Lower Upper

43 100

57 8.5 6.5 9.7

72 26.4 21.4 32.2

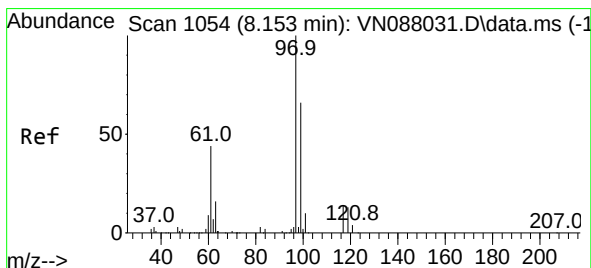
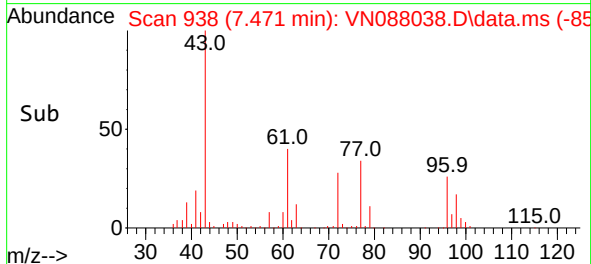
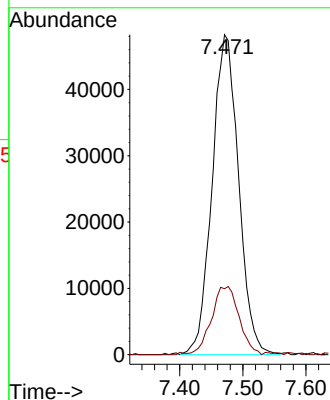
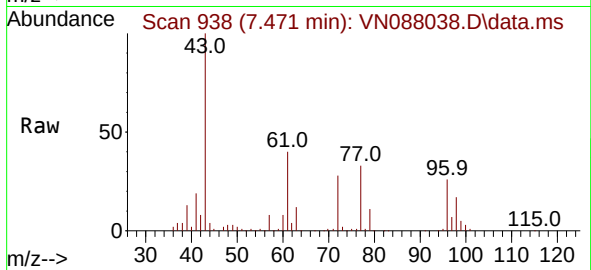




#31
2,2-Dichloropropane
Concen: 20.045 ug/l
RT: 7.471 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN088038.D
Acq: 08 Oct 2025 13:59

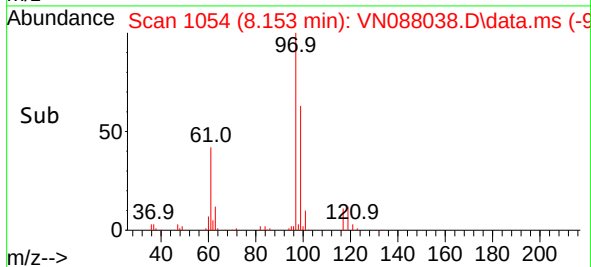
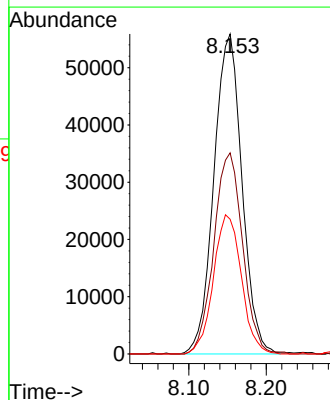
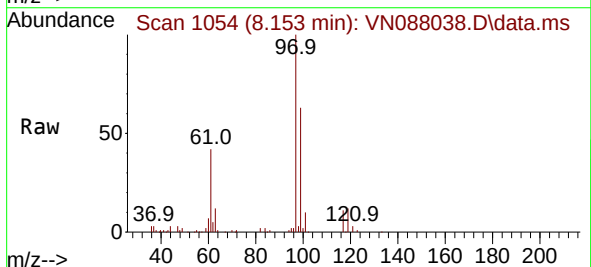
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

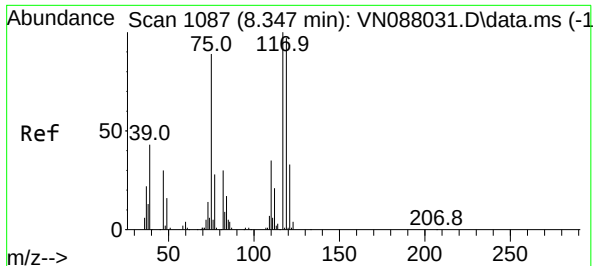
Tgt Ion: 77 Resp: 140307
Ion Ratio Lower Upper
77 100
97 22.1 17.8 26.8



#32
1,1,1-Trichloroethane
Concen: 20.782 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN088038.D
Acq: 08 Oct 2025 13:59

Tgt Ion: 97 Resp: 141075
Ion Ratio Lower Upper
97 100
99 64.2 51.4 77.2
61 43.4 34.7 52.1

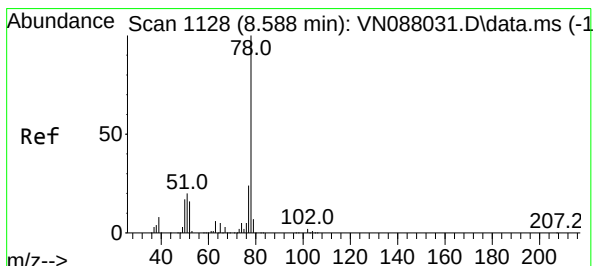
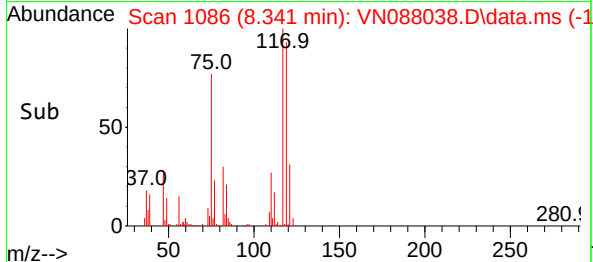
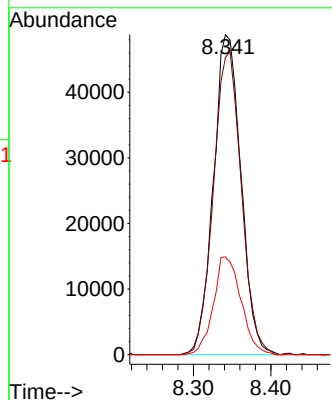
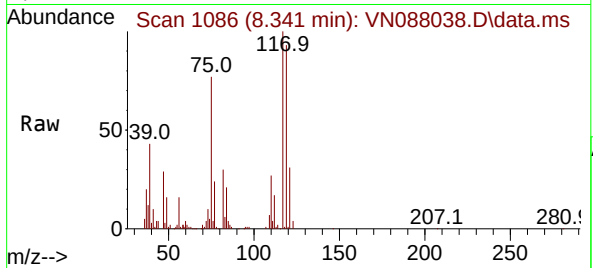




#33
Carbon Tetrachloride
Concen: 21.222 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.006 min
Lab File: VN088038.D
Acq: 08 Oct 2025 13:59

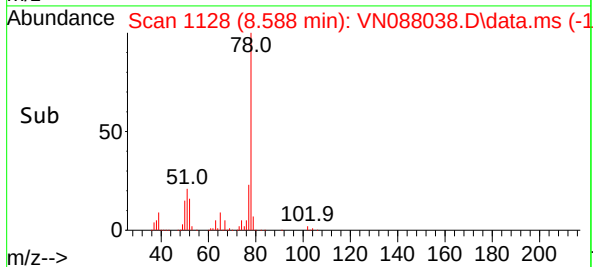
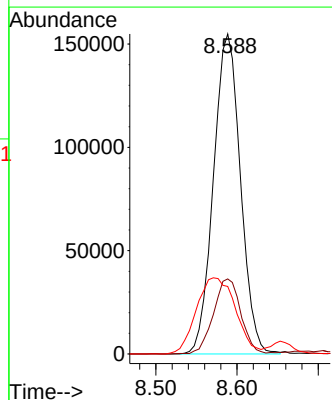
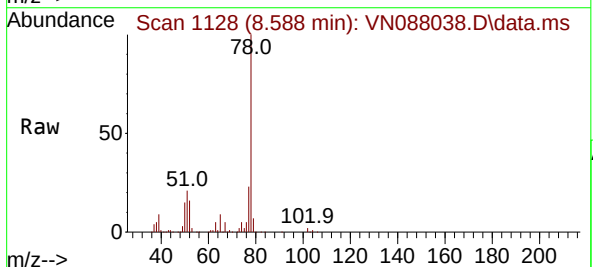
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

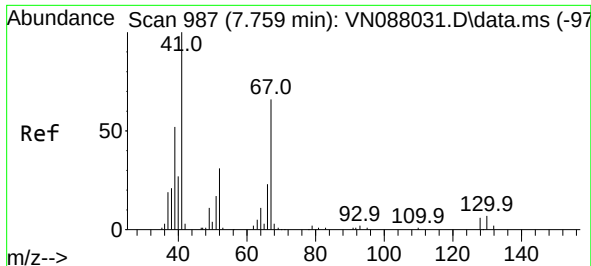
Tgt Ion:117 Resp: 120667
Ion Ratio Lower Upper
117 100
119 93.0 77.9 116.9
121 30.6 26.4 39.6



#34
Benzene
Concen: 19.868 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN088038.D
Acq: 08 Oct 2025 13:59

Tgt Ion: 78 Resp: 358011
Ion Ratio Lower Upper
78 100
77 23.3 18.9 28.3
51 19.4 15.6 23.4

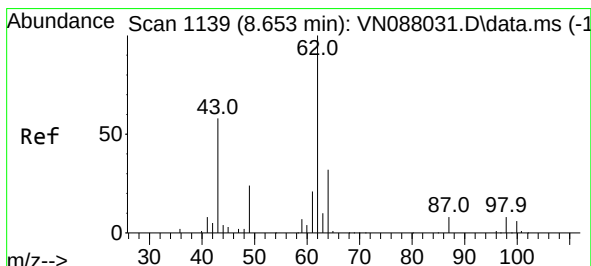
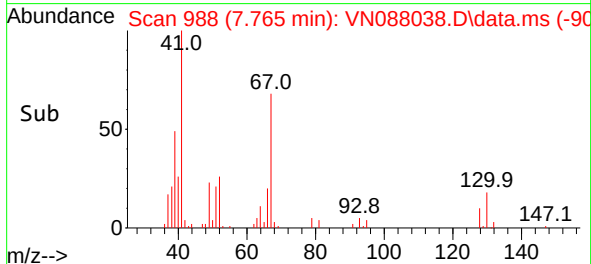
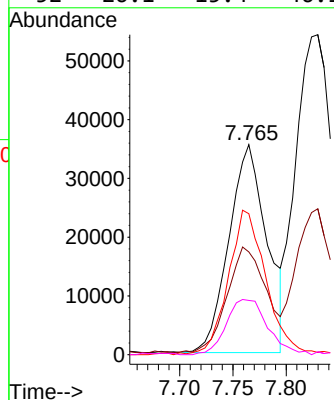
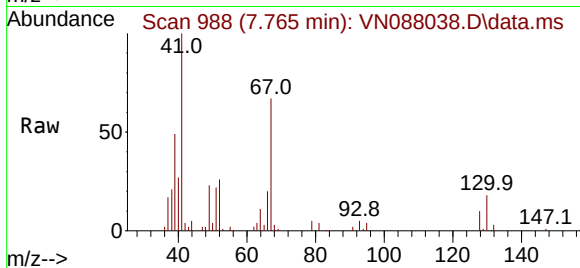




#35
Methacrylonitrile
Concen: 20.766 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088038.D
Acq: 08 Oct 2025 13:59

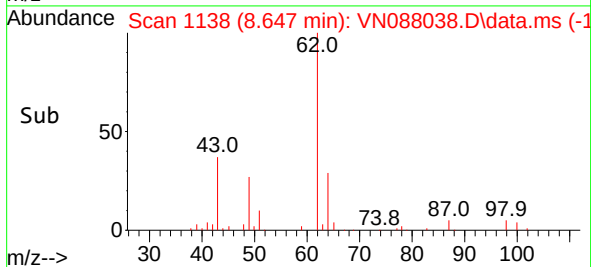
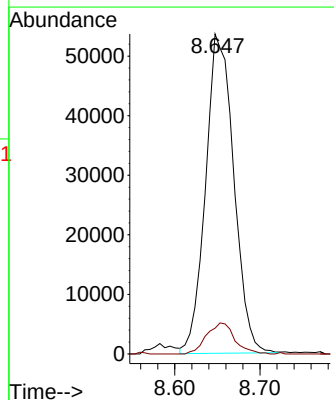
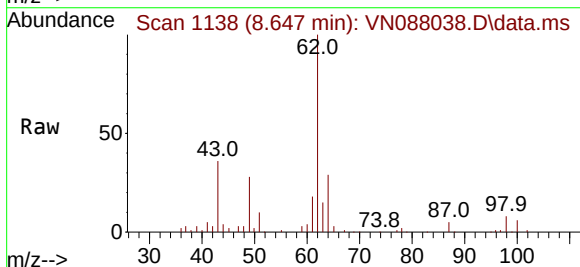
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

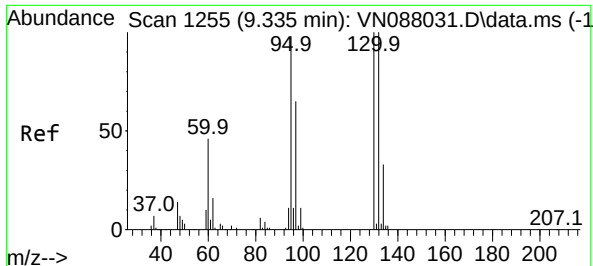
Tgt Ion:	41	Resp:	87495
Ion	Ratio	Lower	Upper
41	100		
39	48.1	26.1	78.3
67	66.9	33.1	99.2
52	26.1	15.4	46.1



#36
1,2-Dichloroethane
Concen: 19.734 ug/l
RT: 8.647 min Scan# 1138
Delta R.T. -0.006 min
Lab File: VN088038.D
Acq: 08 Oct 2025 13:59

Tgt Ion:	62	Resp:	123448
Ion	Ratio	Lower	Upper
62	100		
98	9.7	7.8	11.6





#37

Trichloroethene

Concen: 20.080 ug/l

RT: 9.335 min Scan# 1255

Delta R.T. 0.000 min

Lab File: VN088038.D

Acq: 08 Oct 2025 13:59

Instrument :

MSVOA_N

ClientSampleId :

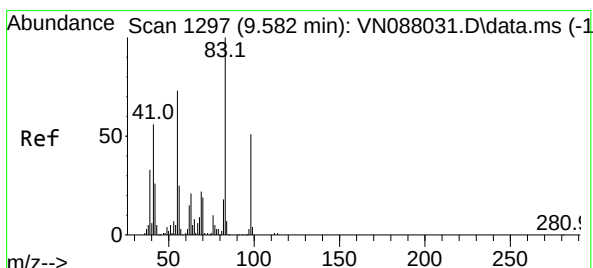
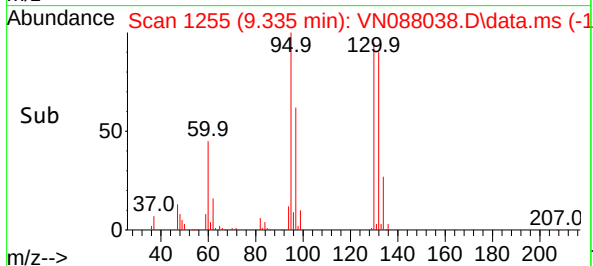
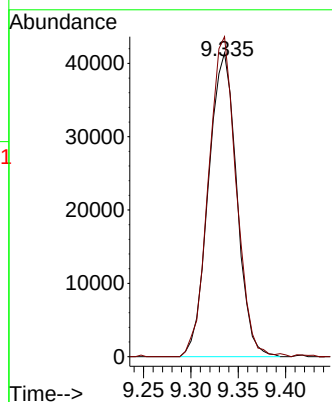
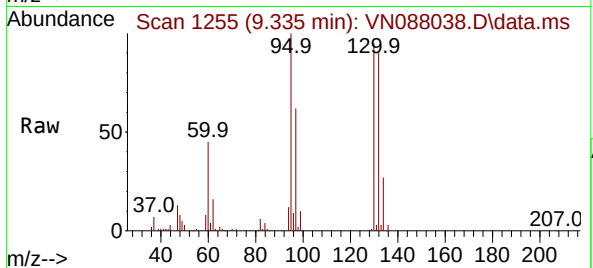
VN1008WBSD01

Tgt Ion:130 Resp: 85726

Ion Ratio Lower Upper

130 100

95 105.4 78.7 118.1



#38

Methylcyclohexane

Concen: 22.053 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. 0.000 min

Lab File: VN088038.D

Acq: 08 Oct 2025 13:59

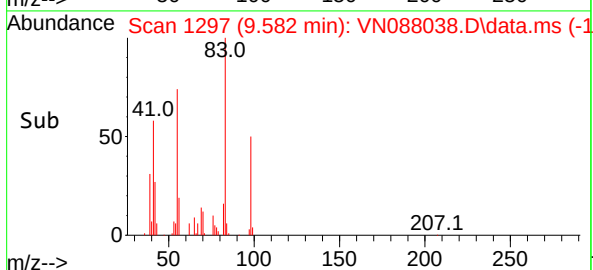
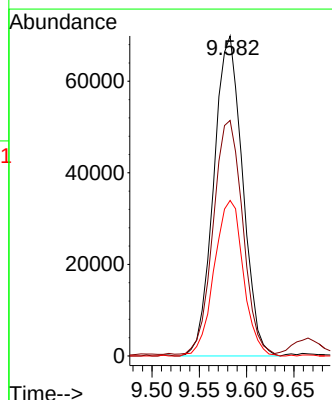
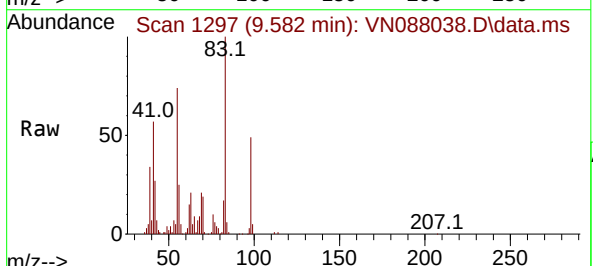
Tgt Ion: 83 Resp: 147949

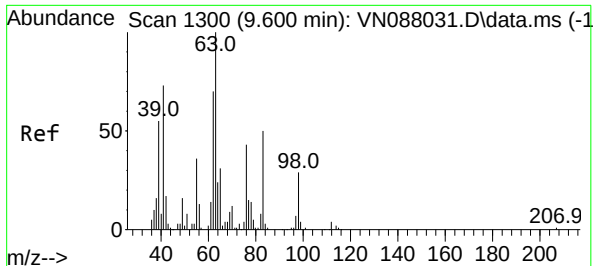
Ion Ratio Lower Upper

83 100

55 74.7 37.3 111.9

98 49.1 25.4 76.0

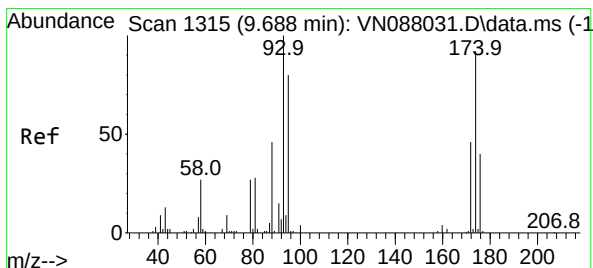
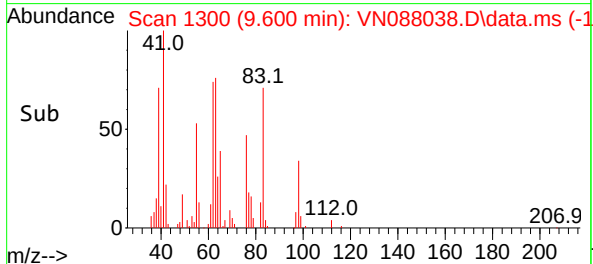
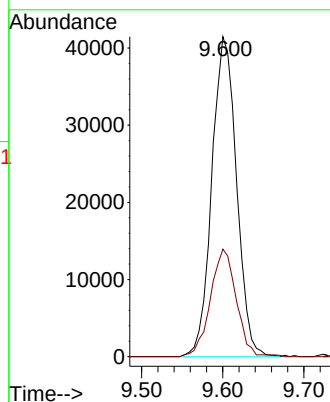
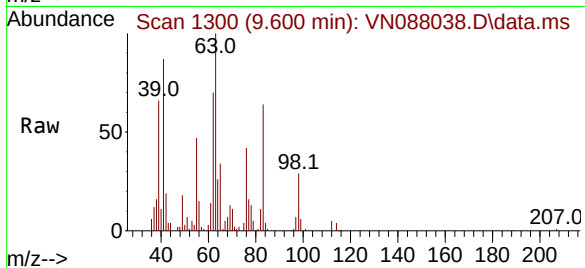




#39
1,2-Dichloropropane
Concen: 19.415 ug/l
RT: 9.600 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088038.D
Acq: 08 Oct 2025 13:59

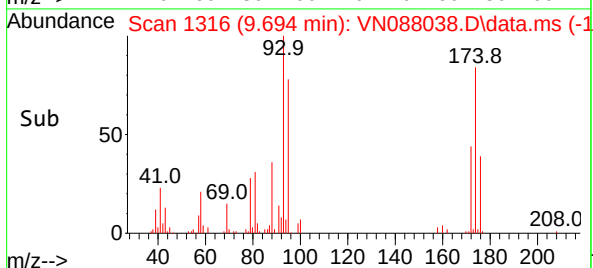
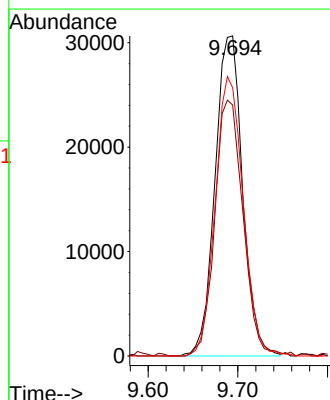
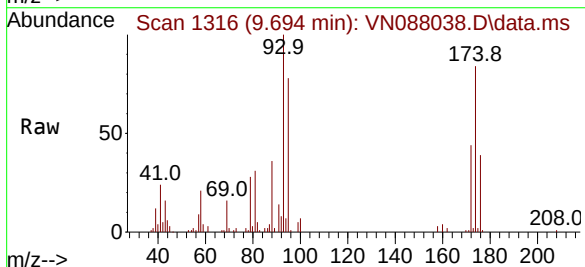
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

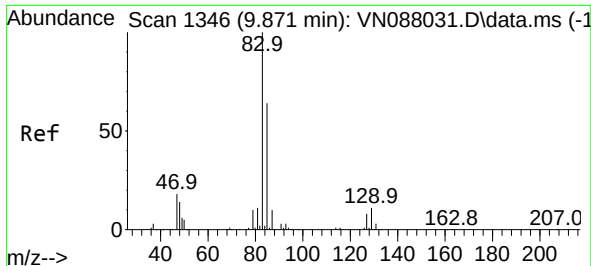
Tgt Ion: 63 Resp: 87721
Ion Ratio Lower Upper
63 100
65 33.6 25.0 37.6



#40
Dibromomethane
Concen: 19.916 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN088038.D
Acq: 08 Oct 2025 13:59

Tgt Ion: 93 Resp: 65500
Ion Ratio Lower Upper
93 100
95 81.5 0.0 158.6
174 88.2 0.0 180.8

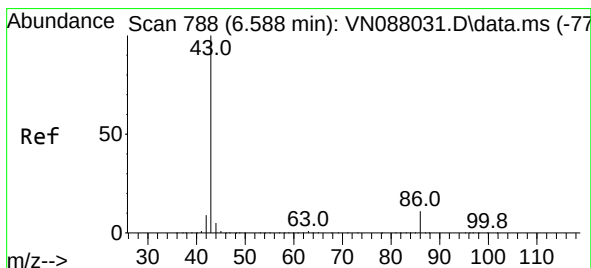
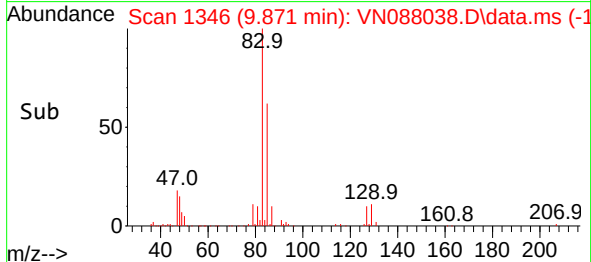
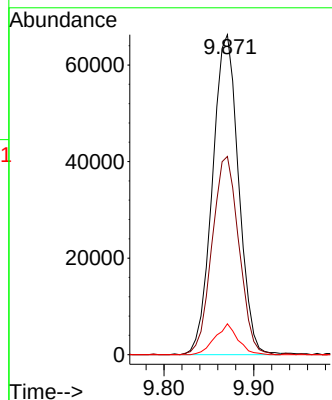
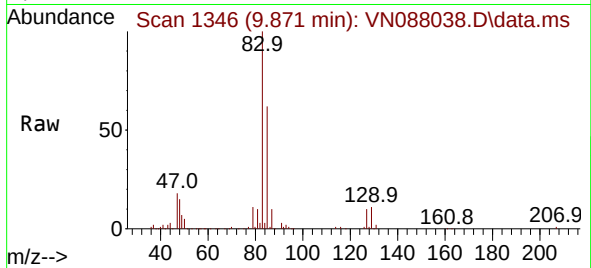




#41
Bromodichloromethane
Concen: 19.965 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. 0.000 min
Lab File: VN088038.D
Acq: 08 Oct 2025 13:59

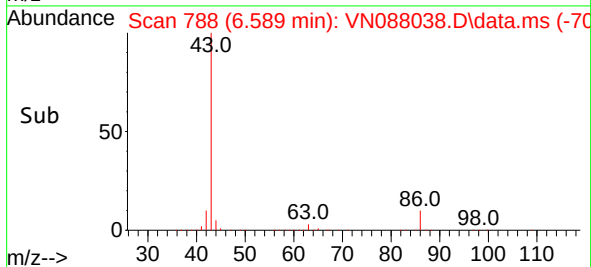
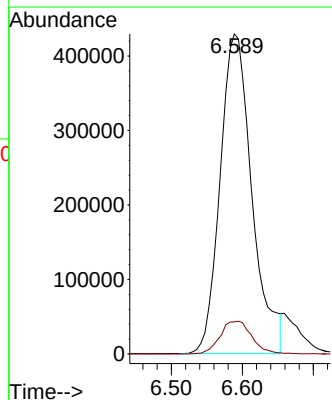
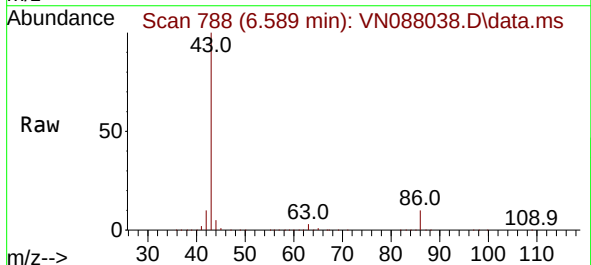
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

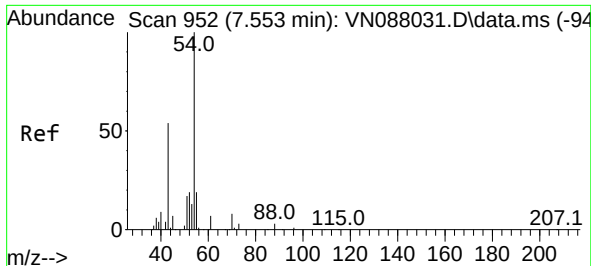
Tgt Ion: 83 Resp: 134103
Ion Ratio Lower Upper
83 100
85 61.9 51.0 76.4
127 9.6 6.1 9.1#



#42
Vinyl Acetate
Concen: 97.893 ug/l
RT: 6.589 min Scan# 788
Delta R.T. 0.000 min
Lab File: VN088038.D
Acq: 08 Oct 2025 13:59

Tgt Ion: 43 Resp: 1336189
Ion Ratio Lower Upper
43 100
86 10.2 8.4 12.6

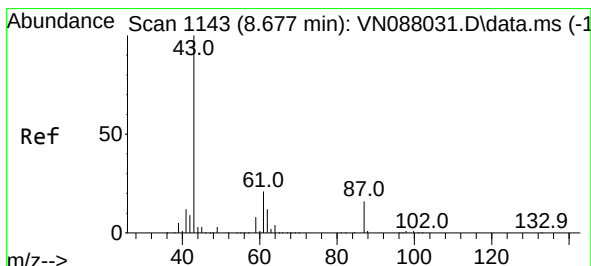
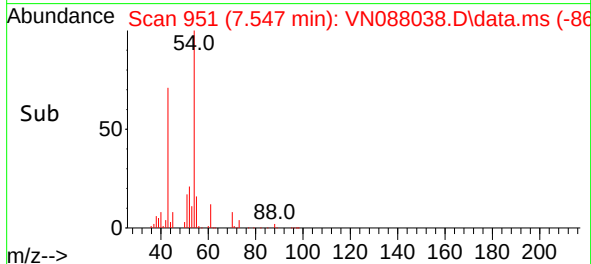
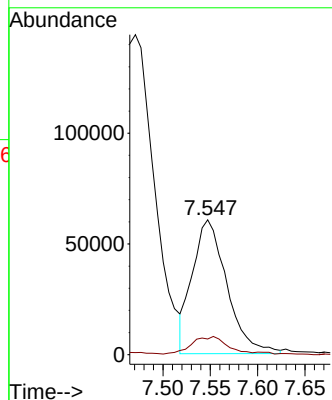
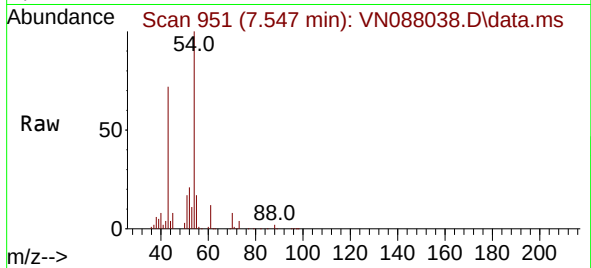




#43
Ethyl Acetate
Concen: 19.917 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN088038.D
Acq: 08 Oct 2025 13:59

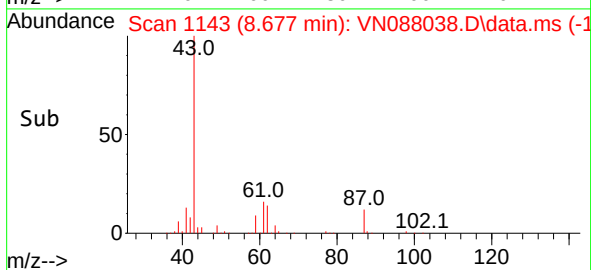
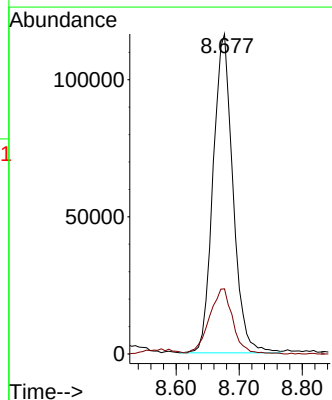
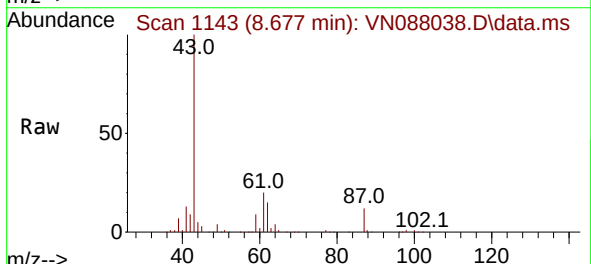
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

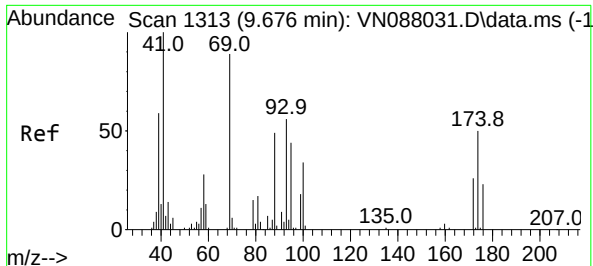
Tgt Ion: 43 Resp: 153397
Ion Ratio Lower Upper
43 100
45 6.8 10.2 15.4#



#44
Isopropyl Acetate
Concen: 20.179 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN088038.D
Acq: 08 Oct 2025 13:59

Tgt Ion: 43 Resp: 253840
Ion Ratio Lower Upper
43 100
61 24.2 18.7 28.1





#45

1,4-Dioxane

Concen: 410.661 ug/l

RT: 9.682 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN088038.D

Acq: 08 Oct 2025 13:59

Instrument :

MSVOA_N

ClientSampleId :

VN1008WBSD01

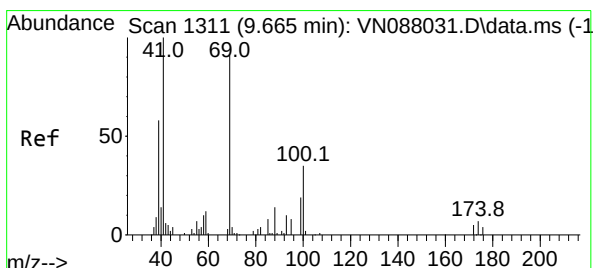
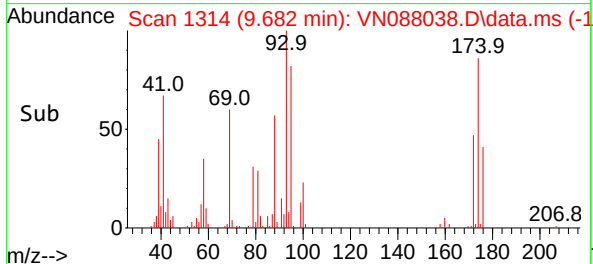
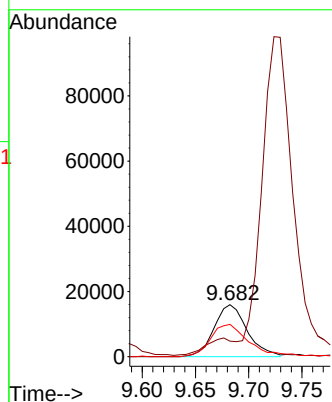
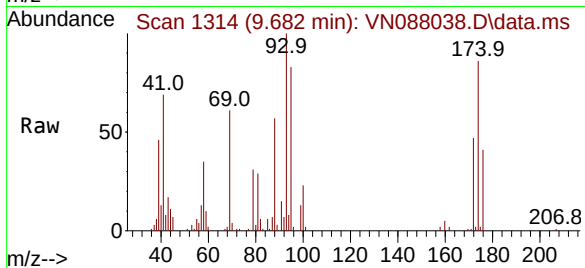
Tgt Ion: 88 Resp: 34358

Ion Ratio Lower Upper

88 100

43 29.4 18.6 27.8#

58 72.2 57.4 86.2



#46

Methyl methacrylate

Concen: 20.692 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VN088038.D

Acq: 08 Oct 2025 13:59

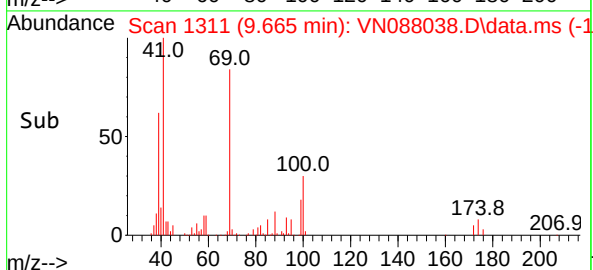
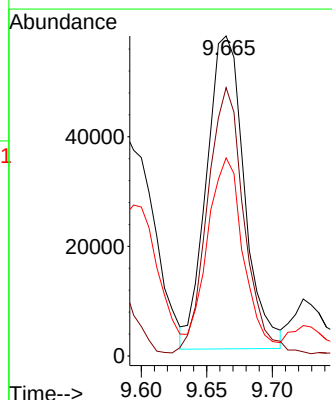
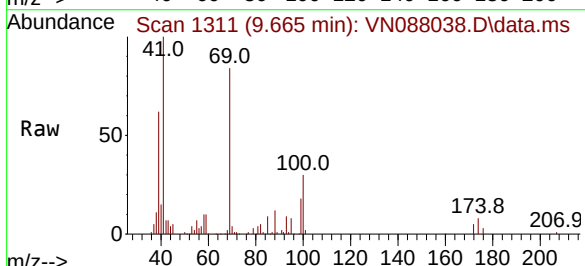
Tgt Ion: 41 Resp: 114629

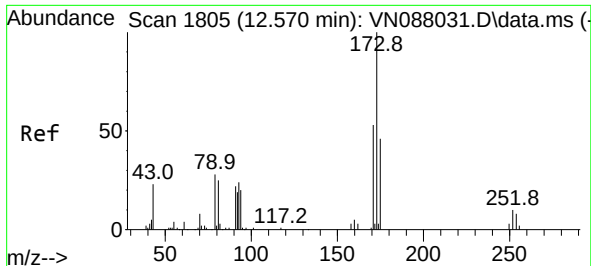
Ion Ratio Lower Upper

41 100

69 88.4 44.9 134.7

39 62.8 30.3 90.8





#47

n-amy1 Acetate

Concen: 0.202 ug/l

RT: 12.559 min Scan# 11

Delta R.T. -0.012 min

Lab File: VN088038.D

Acq: 08 Oct 2025 13:59

Instrument :

MSVOA_N

ClientSampleId :

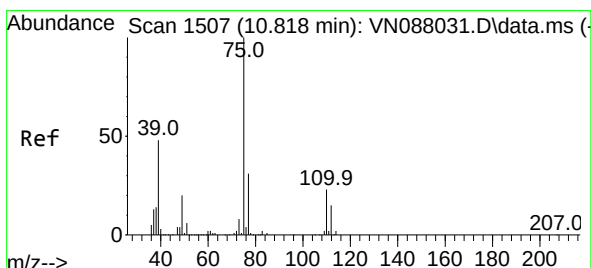
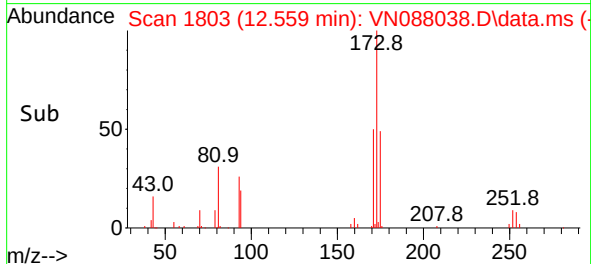
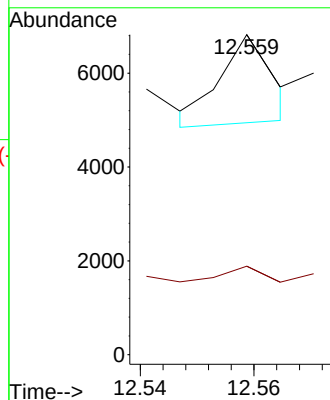
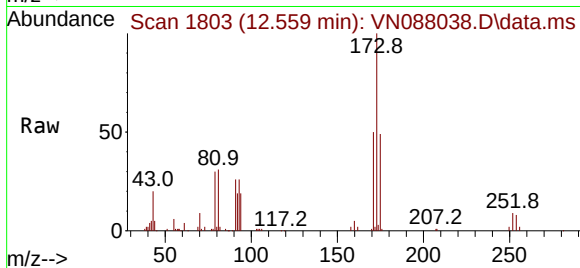
VN1008WBSD01

Tgt Ion: 43 Resp: 1205

Ion Ratio Lower Upper

43 100

55 39.3 0.6 0.8#



#48

t-1,3-Dichloropropene

Concen: 19.674 ug/l

RT: 10.818 min Scan# 1507

Delta R.T. 0.000 min

Lab File: VN088038.D

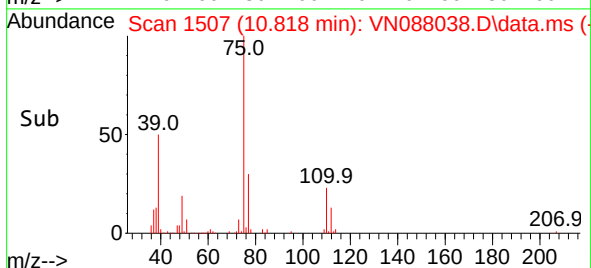
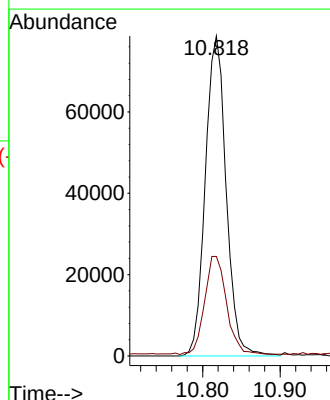
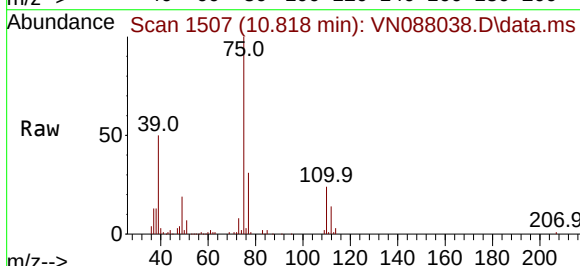
Acq: 08 Oct 2025 13:59

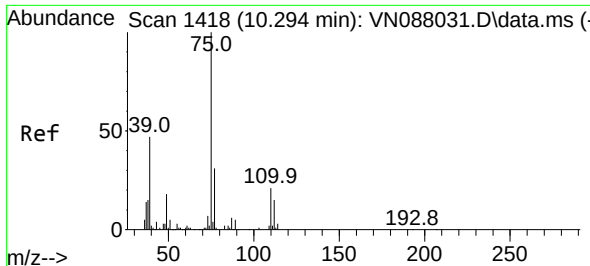
Tgt Ion: 75 Resp: 146947

Ion Ratio Lower Upper

75 100

77 30.6 24.5 36.7

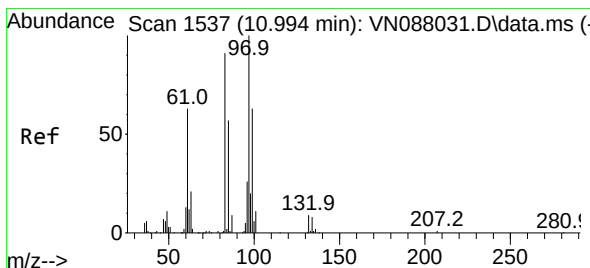
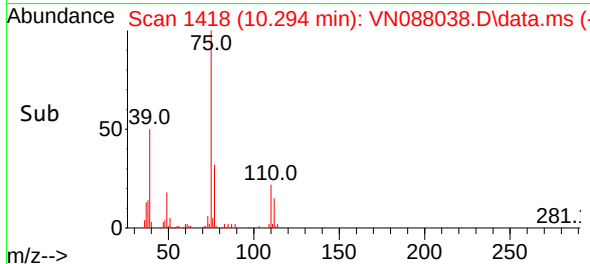
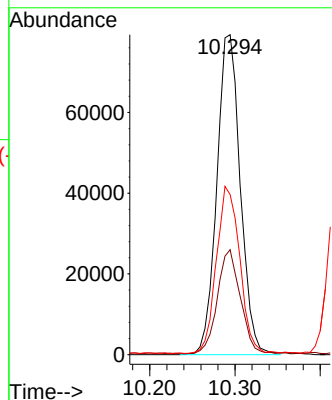
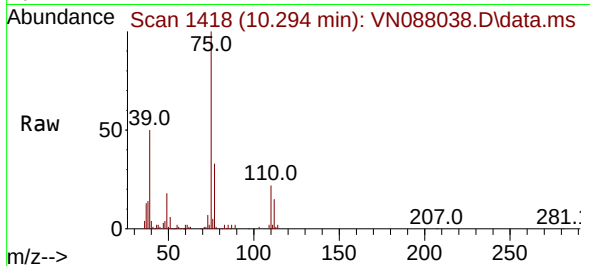




#49
 cis-1,3-Dichloropropene
 Concen: 19.491 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VN088038.D
 Acq: 08 Oct 2025 13:59

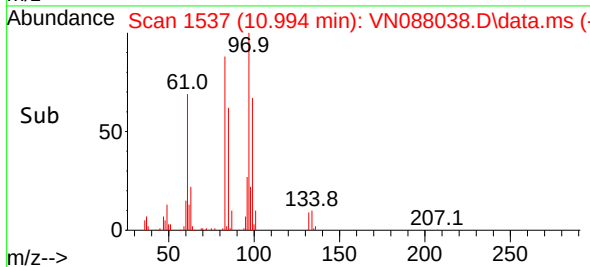
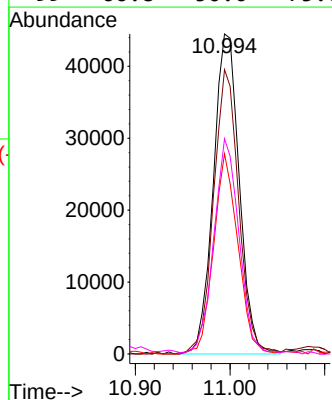
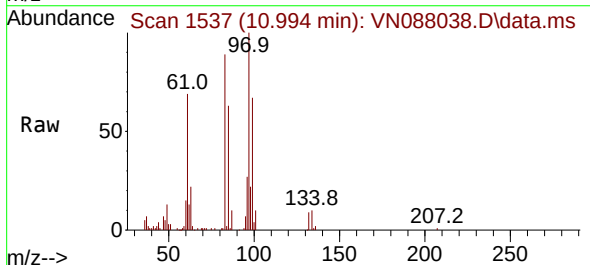
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1008WBSD01

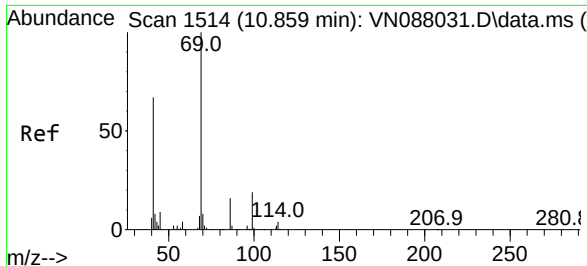
Tgt Ion: 75 Resp: 151858
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.0 37.4
 39 49.5 37.4 56.0



#50
 1,1,2-Trichloroethane
 Concen: 19.461 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. 0.000 min
 Lab File: VN088038.D
 Acq: 08 Oct 2025 13:59

Tgt Ion: 97 Resp: 84761
 Ion Ratio Lower Upper
 97 100
 83 88.5 72.5 108.7
 85 62.6 45.5 68.3
 99 66.8 50.0 75.0

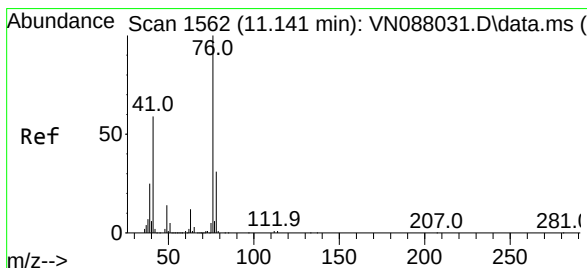
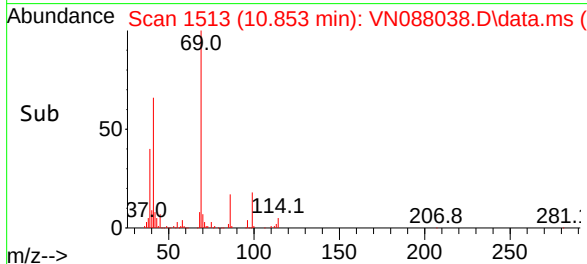
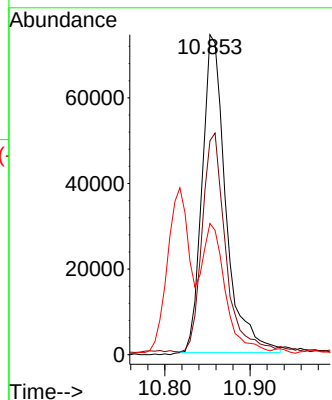
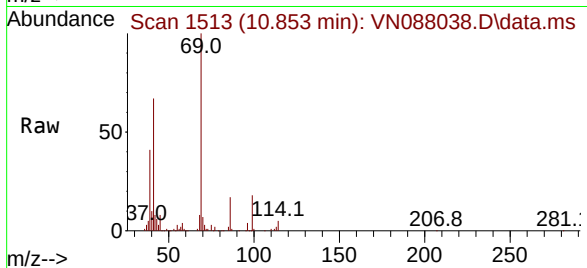




#51
Ethyl methacrylate
Concen: 19.537 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.006 min
Lab File: VN088038.D
Acq: 08 Oct 2025 13:59

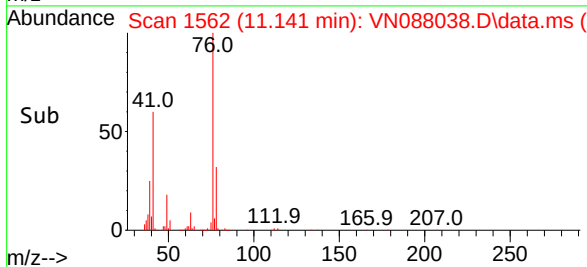
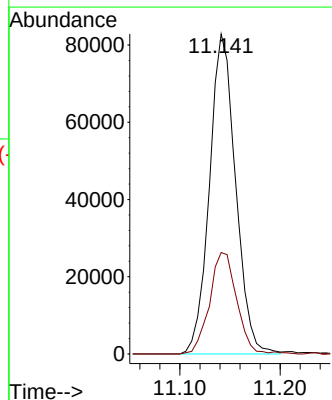
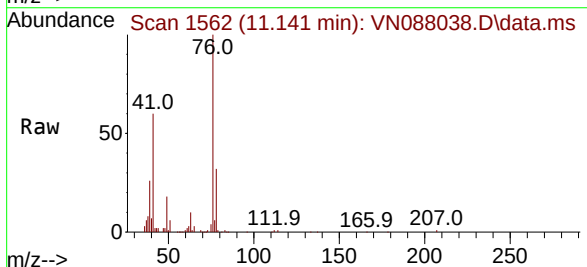
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

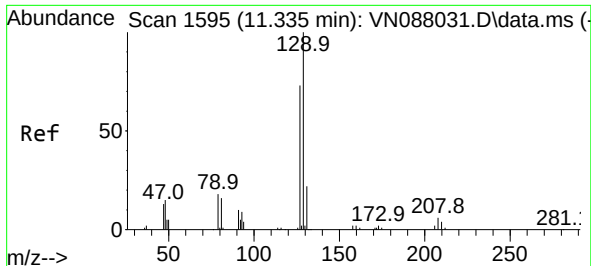
Tgt Ion: 69 Resp: 144004
Ion Ratio Lower Upper
69 100
41 66.4 33.3 99.8
39 39.4 20.3 61.0



#52
1,3-Dichloropropane
Concen: 19.750 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN088038.D
Acq: 08 Oct 2025 13:59

Tgt Ion: 76 Resp: 150076
Ion Ratio Lower Upper
76 100
78 32.6 0.0 65.0

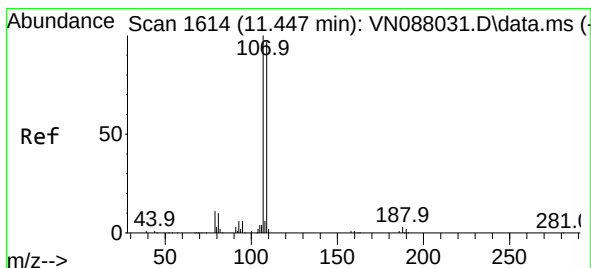
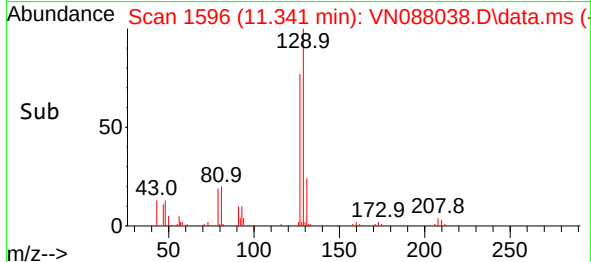
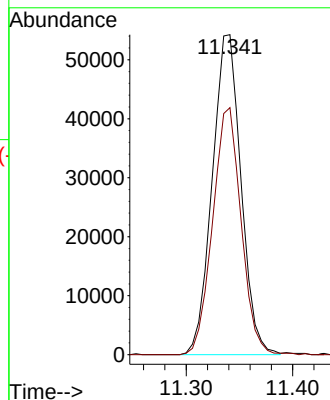
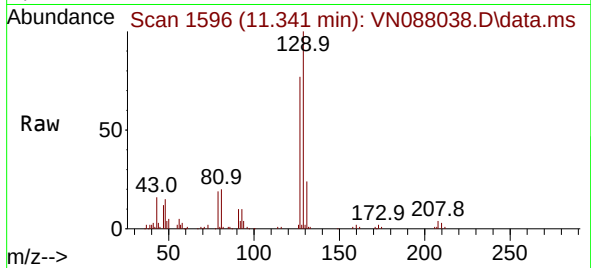




#53
Dibromochloromethane
Concen: 19.557 ug/l
RT: 11.341 min Scan# 11341
Delta R.T. 0.006 min
Lab File: VN088038.D
Acq: 08 Oct 2025 13:59

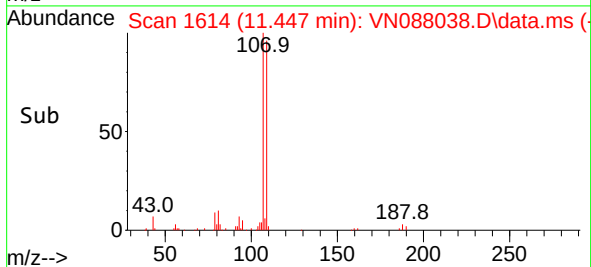
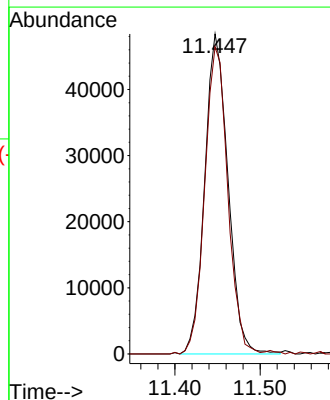
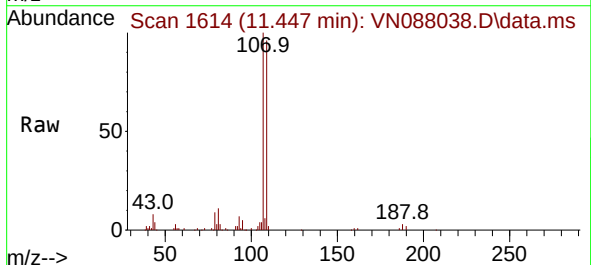
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

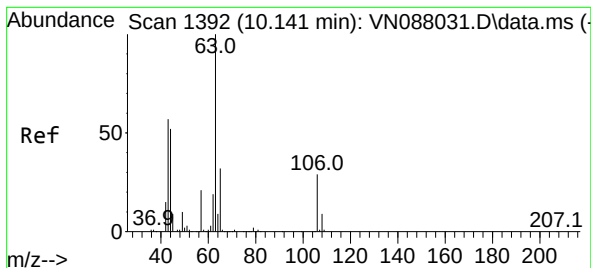
Tgt Ion:129 Resp: 101830
Ion Ratio Lower Upper
129 100
127 76.2 39.1 117.3



#54
1,2-Dibromoethane
Concen: 19.752 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN088038.D
Acq: 08 Oct 2025 13:59

Tgt Ion:107 Resp: 91973
Ion Ratio Lower Upper
107 100
109 94.5 75.5 113.3

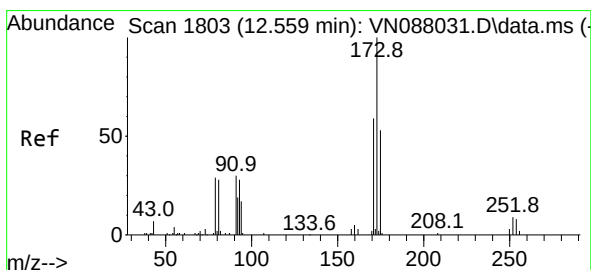
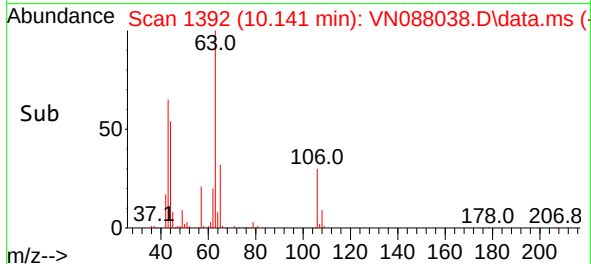
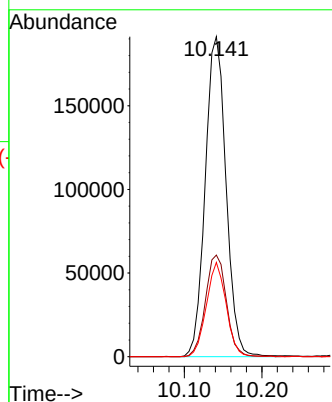
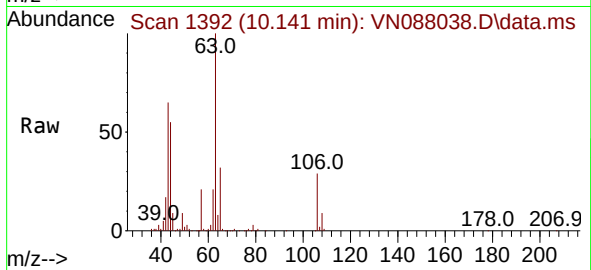




#55
2-Chloroethyl vinyl ether
Concen: 89.640 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN088038.D
Acq: 08 Oct 2025 13:59

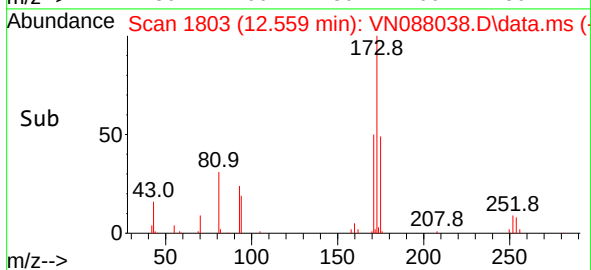
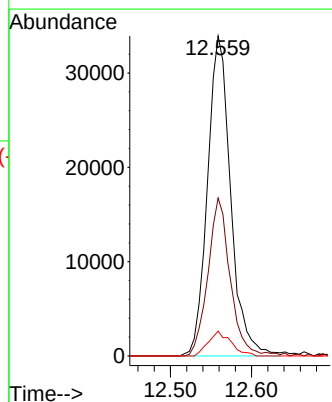
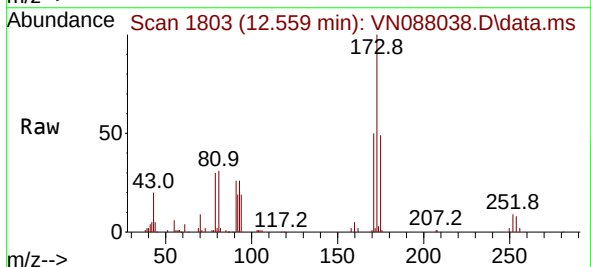
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

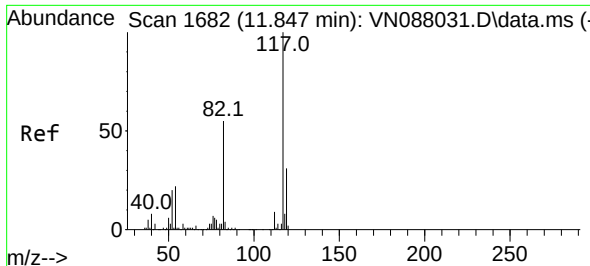
Tgt Ion: 63 Resp: 356645
Ion Ratio Lower Upper
63 100
65 31.9 25.7 38.5
106 28.0 22.6 34.0



#56
Bromoform
Concen: 19.110 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN088038.D
Acq: 08 Oct 2025 13:59

Tgt Ion: 173 Resp: 67273
Ion Ratio Lower Upper
173 100
175 46.8 39.6 59.4
254 7.6 6.6 10.0

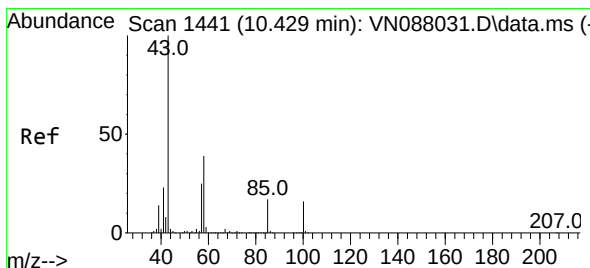
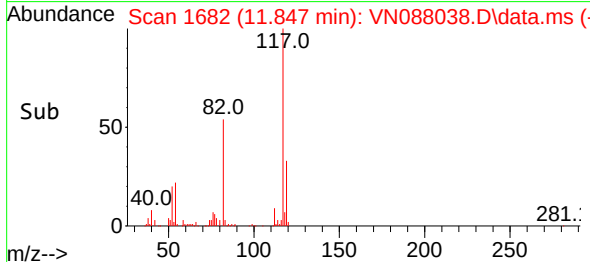
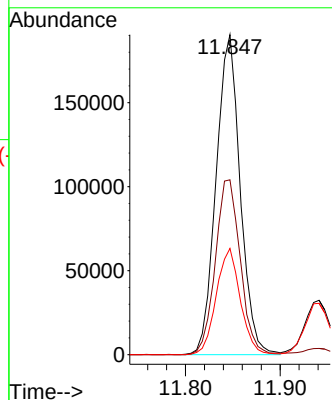
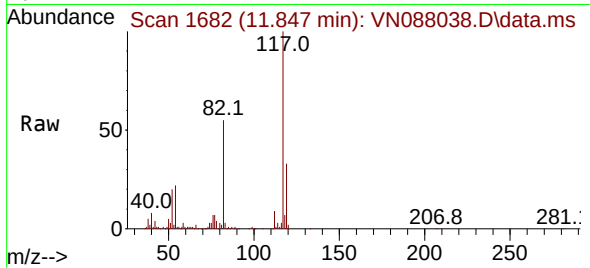




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088038.D
Acq: 08 Oct 2025 13:59

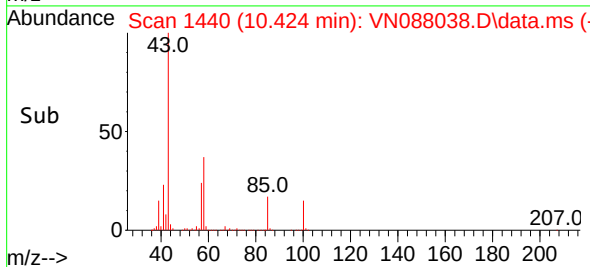
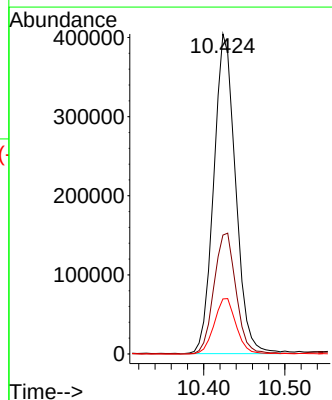
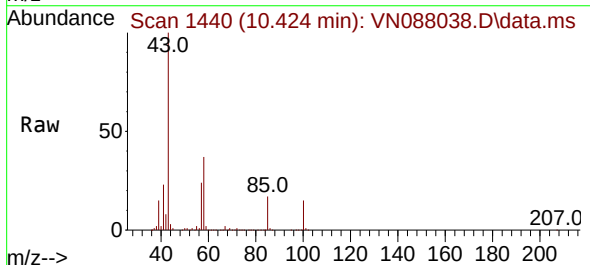
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

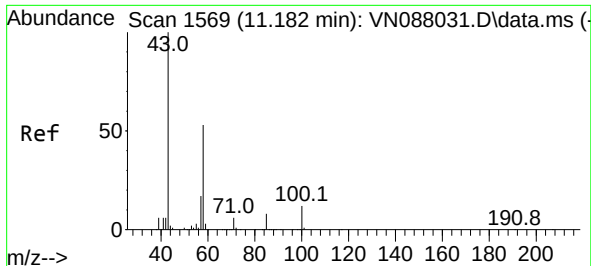
Tgt Ion:117 Resp: 337371
Ion Ratio Lower Upper
117 100
82 56.5 45.2 67.8
119 33.1 25.9 38.9



#58
4-Methyl-2-Pentanone
Concen: 99.961 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.006 min
Lab File: VN088038.D
Acq: 08 Oct 2025 13:59

Tgt Ion: 43 Resp: 754327
Ion Ratio Lower Upper
43 100
58 38.6 31.2 46.8
85 17.4 13.7 20.5

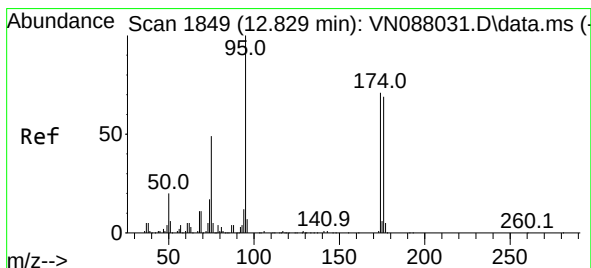
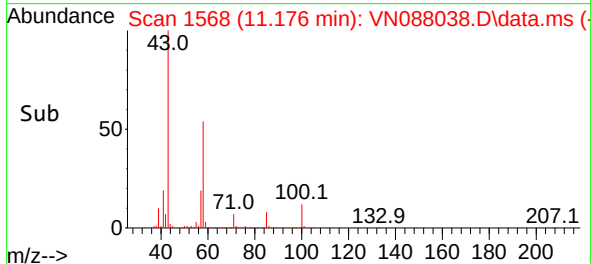
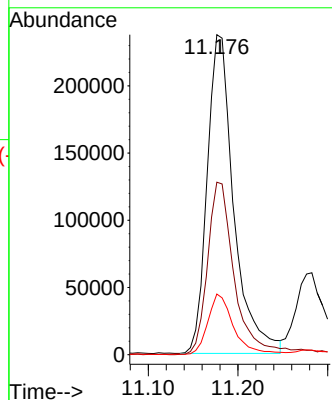
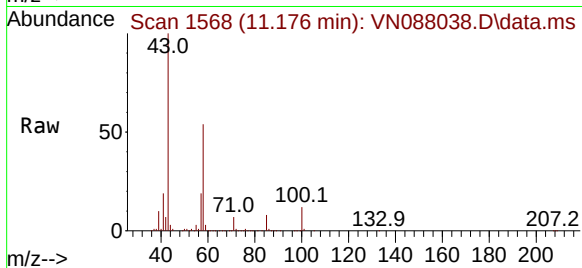




#59
2-Hexanone
Concen: 98.088 ug/l
RT: 11.176 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088038.D
Acq: 08 Oct 2025 13:59

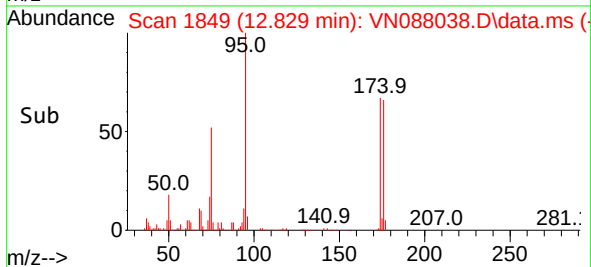
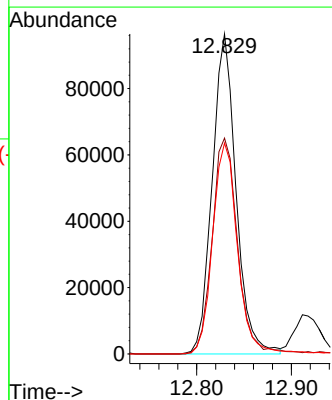
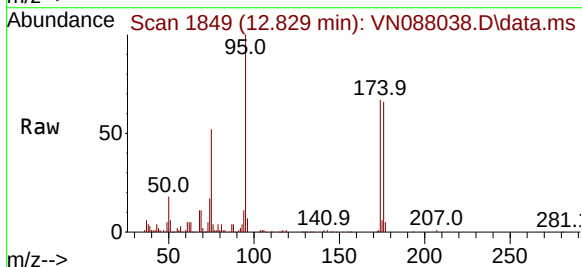
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

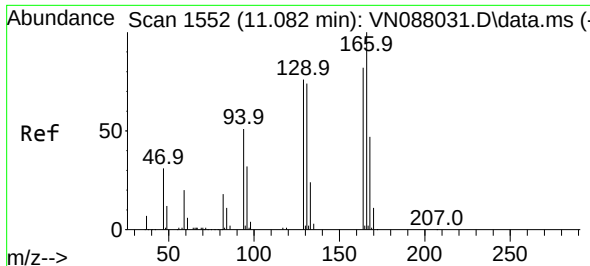
Tgt Ion: 43 Resp: 488700
Ion Ratio Lower Upper
43 100
58 54.3 43.1 64.7
57 18.1 14.6 21.8



#60
4-Bromofluorobenzene
Concen: 30.314 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN088038.D
Acq: 08 Oct 2025 13:59

Tgt Ion: 95 Resp: 168600
Ion Ratio Lower Upper
95 100
174 70.3 57.4 86.0
176 68.4 57.0 85.4

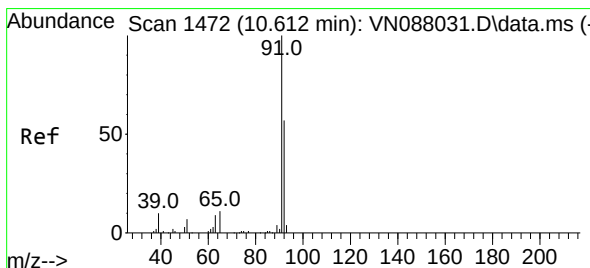
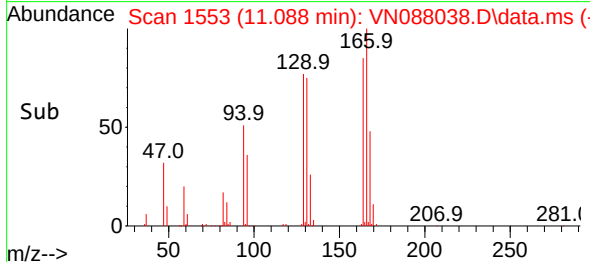
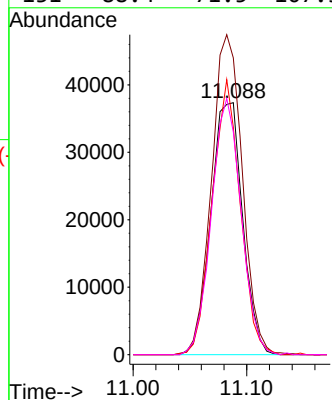
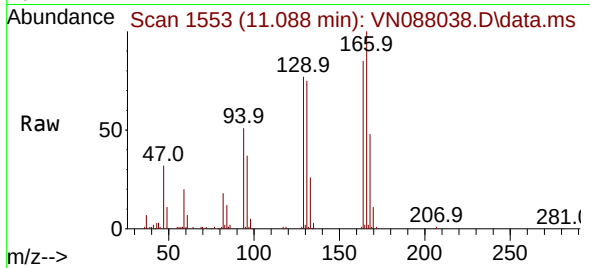




#61
Tetrachloroethene
Concen: 21.283 ug/l
RT: 11.088 min Scan# 11553
Delta R.T. 0.006 min
Lab File: VN088038.D
Acq: 08 Oct 2025 13:59

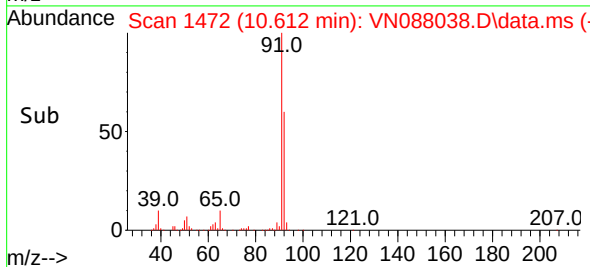
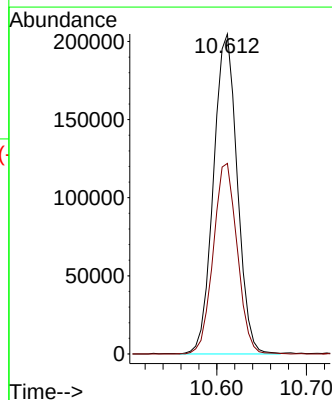
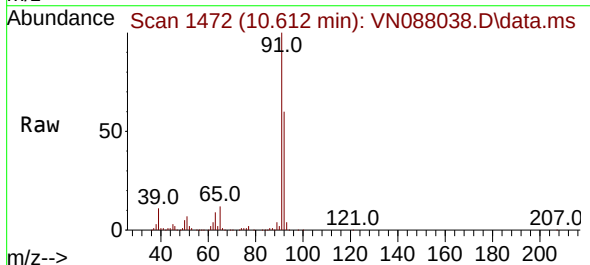
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

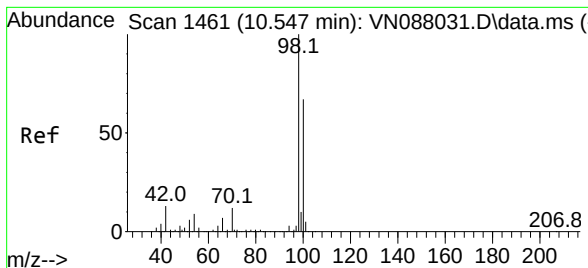
Tgt Ion:164 Resp: 72713
Ion Ratio Lower Upper
164 100
166 117.2 97.2 145.8
129 90.3 73.7 110.5
131 88.4 71.5 107.3



#62
Toluene
Concen: 19.702 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VN088038.D
Acq: 08 Oct 2025 13:59

Tgt Ion: 91 Resp: 377038
Ion Ratio Lower Upper
91 100
92 59.9 45.8 68.8





#63

Toluene-d8

Concen: 30.511 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VN088038.D

Acq: 08 Oct 2025 13:59

Instrument :

MSVOA_N

ClientSampleId :

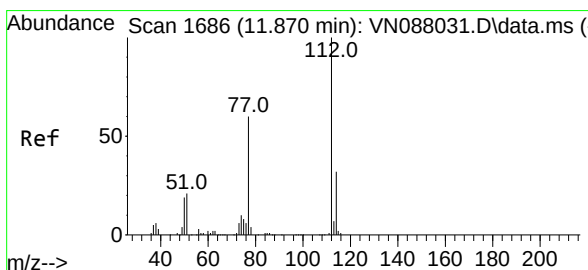
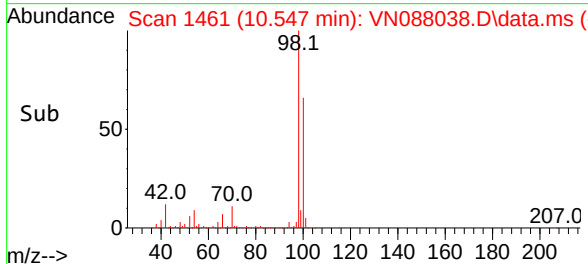
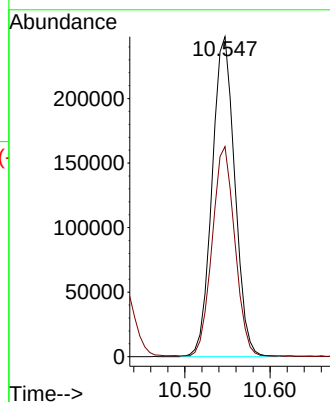
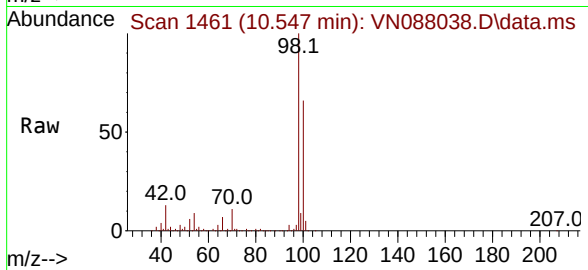
VN1008WBSD01

Tgt Ion: 98 Resp: 458624

Ion Ratio Lower Upper

98 100

100 65.4 53.1 79.7



#64

Chlorobenzene

Concen: 20.016 ug/l

RT: 11.871 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VN088038.D

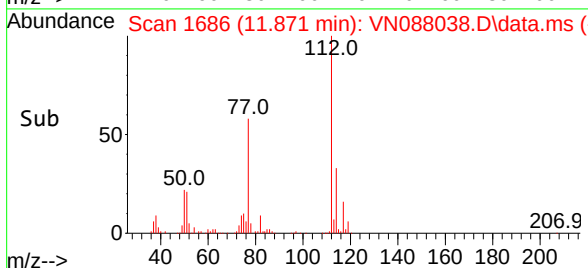
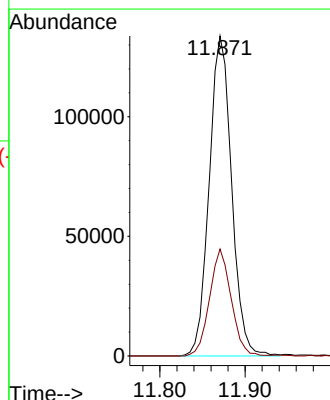
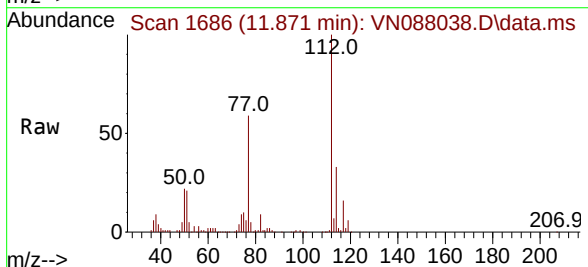
Acq: 08 Oct 2025 13:59

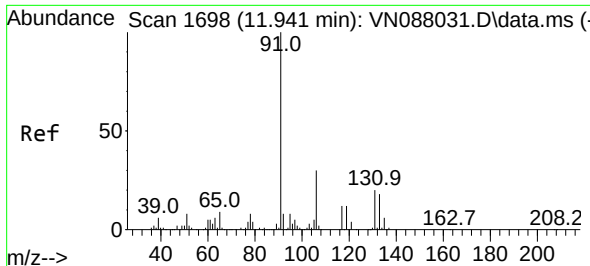
Tgt Ion:112 Resp: 244660

Ion Ratio Lower Upper

112 100

114 33.4 25.7 38.5

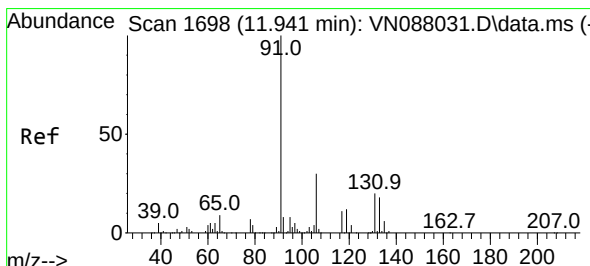
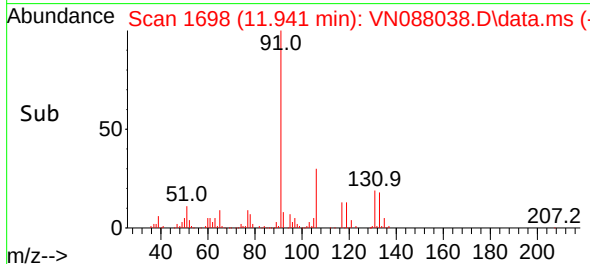
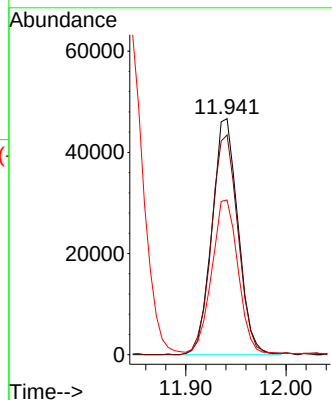
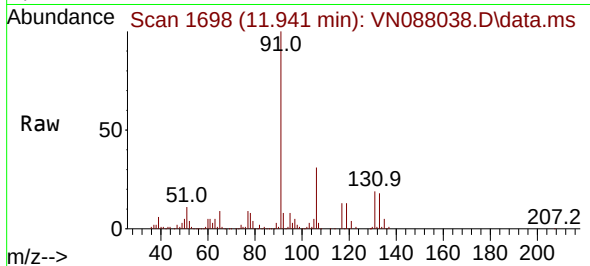




#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.943 ug/l
 RT: 11.941 min Scan# 1698
 Delta R.T. 0.000 min
 Lab File: VN088038.D
 Acq: 08 Oct 2025 13:59

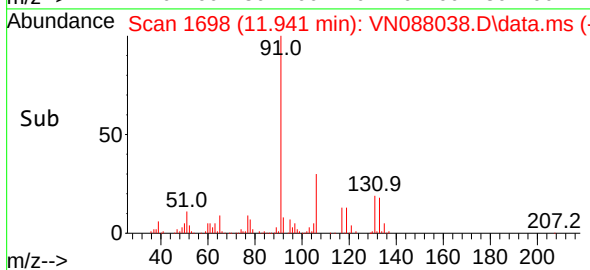
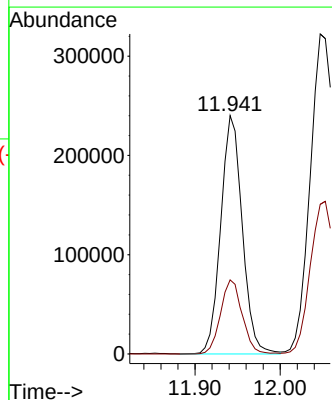
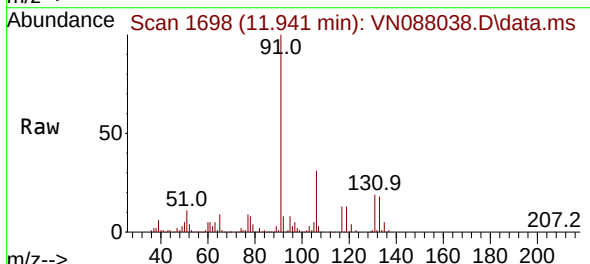
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1008WBSD01

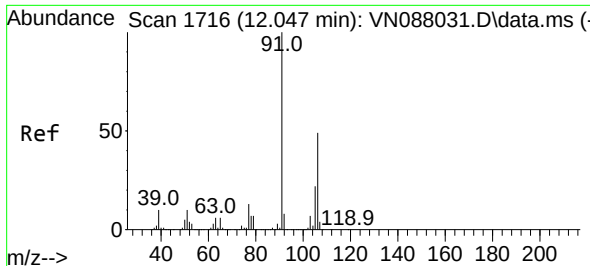
Tgt Ion:131 Resp: 84006
 Ion Ratio Lower Upper
 131 100
 133 95.6 0.0 183.8
 119 67.6 0.0 132.0



#66
 Ethyl Benzene
 Concen: 20.287 ug/l
 RT: 11.941 min Scan# 1698
 Delta R.T. 0.000 min
 Lab File: VN088038.D
 Acq: 08 Oct 2025 13:59

Tgt Ion: 91 Resp: 422156
 Ion Ratio Lower Upper
 91 100
 106 31.1 24.0 36.0

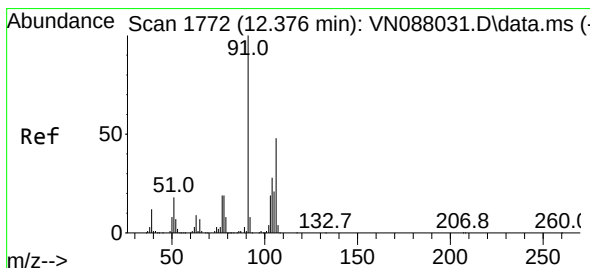
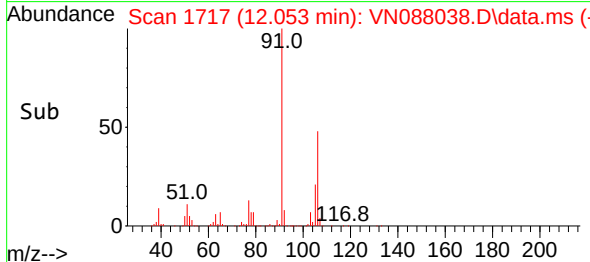
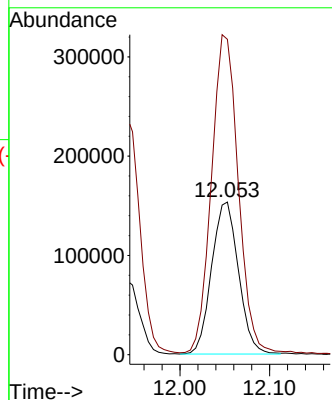
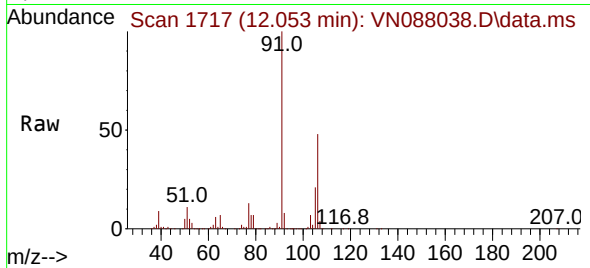




#67
m/p-Xylenes
Concen: 39.632 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VN088038.D
Acq: 08 Oct 2025 13:59

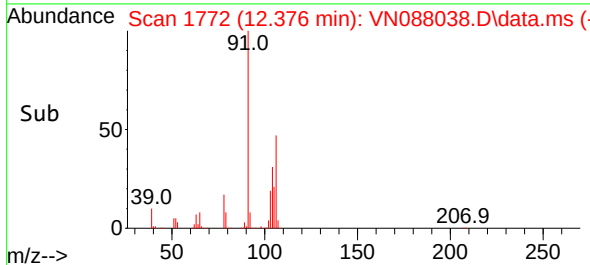
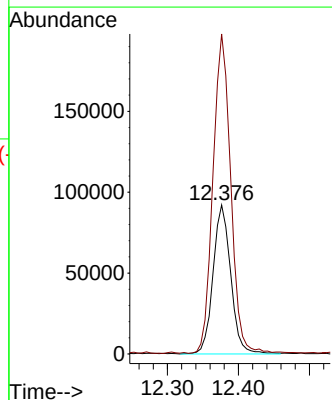
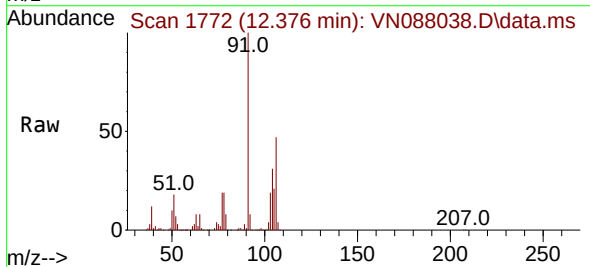
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

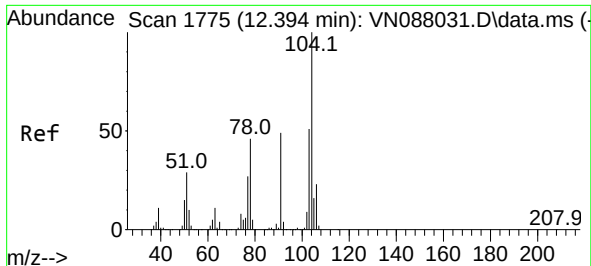
Tgt Ion:106 Resp: 317926
Ion Ratio Lower Upper
106 100
91 207.8 161.4 242.0



#68
o-Xylene
Concen: 19.949 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN088038.D
Acq: 08 Oct 2025 13:59

Tgt Ion:106 Resp: 159310
Ion Ratio Lower Upper
106 100
91 214.0 105.2 315.6

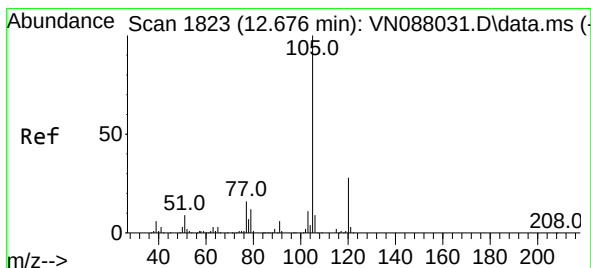
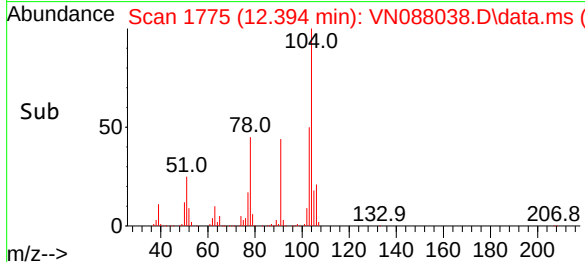
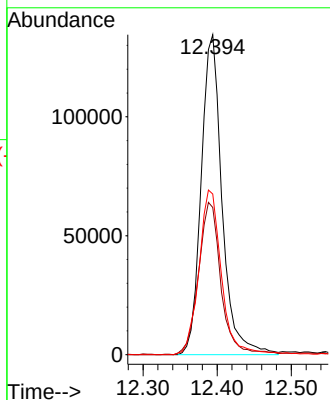
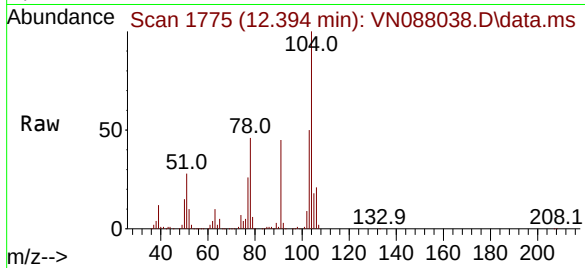




#69
Styrene
Concen: 19.967 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN088038.D
Acq: 08 Oct 2025 13:59

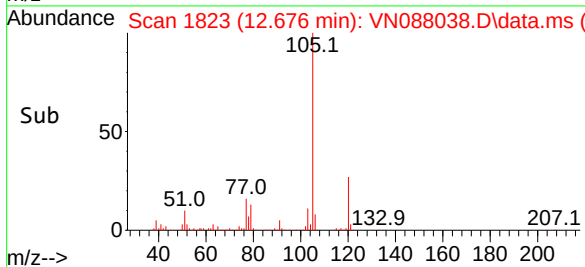
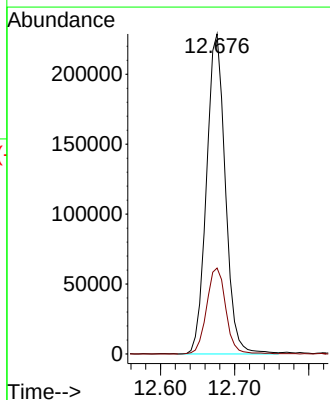
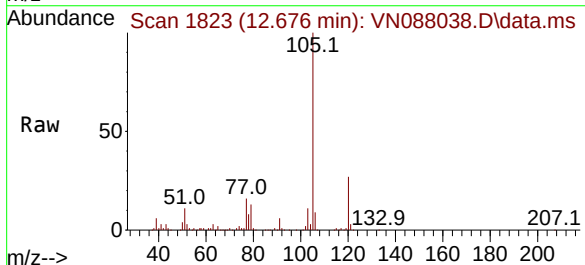
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

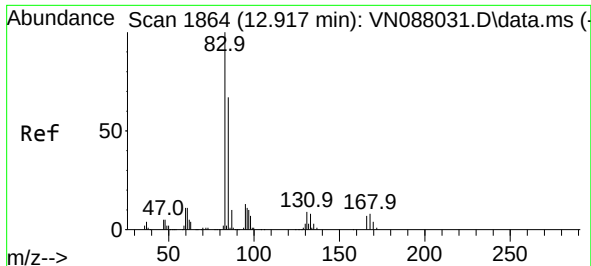
Tgt Ion:104 Resp: 263761
Ion Ratio Lower Upper
104 100
78 50.9 41.8 62.6
103 55.3 44.9 67.3



#70
Isopropylbenzene
Concen: 20.619 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. 0.000 min
Lab File: VN088038.D
Acq: 08 Oct 2025 13:59

Tgt Ion:105 Resp: 403558
Ion Ratio Lower Upper
105 100
120 27.1 19.1 35.5

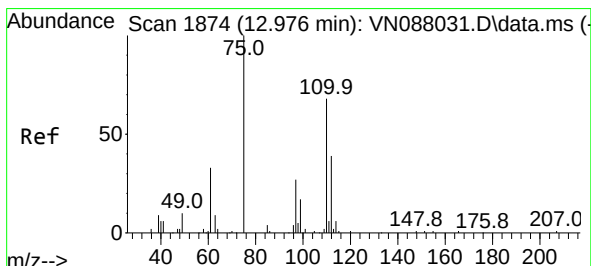
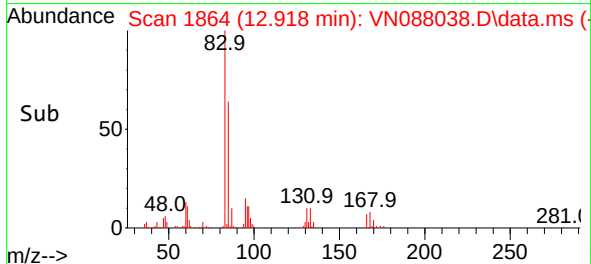
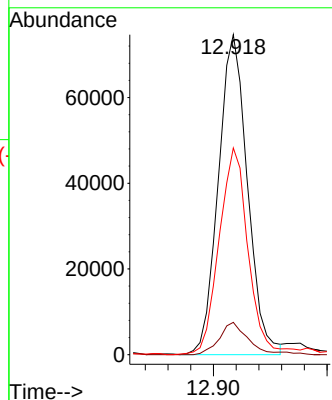
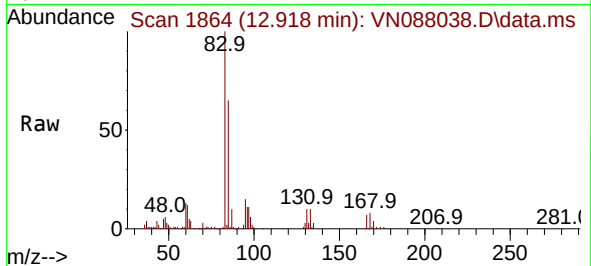




#71
1,1,2,2-Tetrachloroethane
Concen: 20.023 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN088038.D
Acq: 08 Oct 2025 13:59

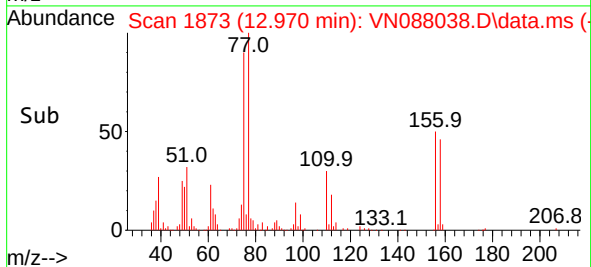
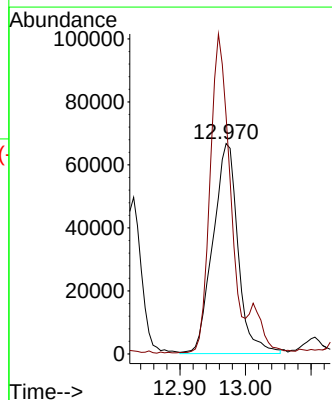
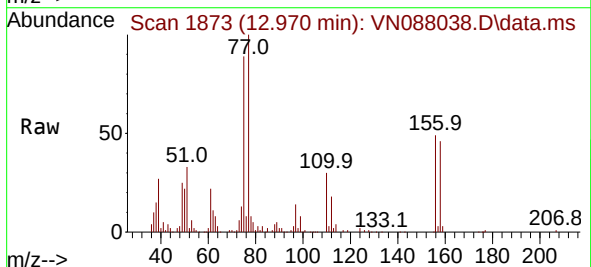
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

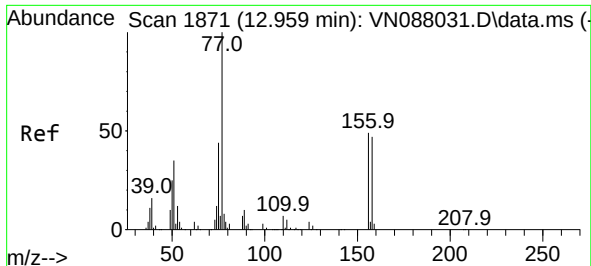
Tgt Ion: 83 Resp: 132867
Ion Ratio Lower Upper
83 100
131 9.7 4.8 14.3
85 63.6 32.4 97.2



#72
1,2,3-Trichloropropane
Concen: 28.730 ug/l
RT: 12.970 min Scan# 1873
Delta R.T. -0.006 min
Lab File: VN088038.D
Acq: 08 Oct 2025 13:59

Tgt Ion: 75 Resp: 177056
Ion Ratio Lower Upper
75 100
77 119.5 0.0 364.0

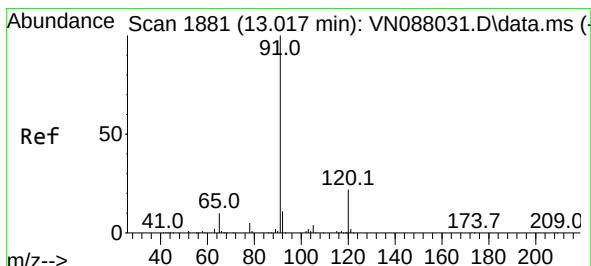
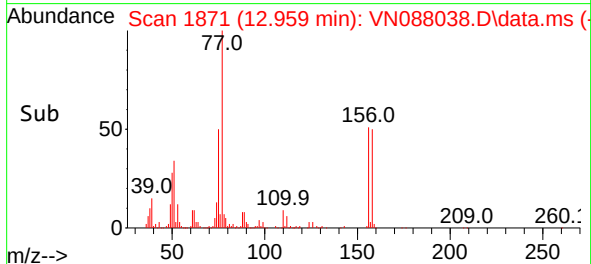
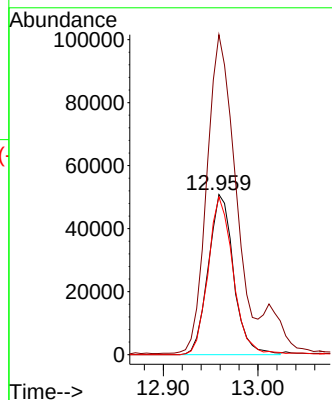
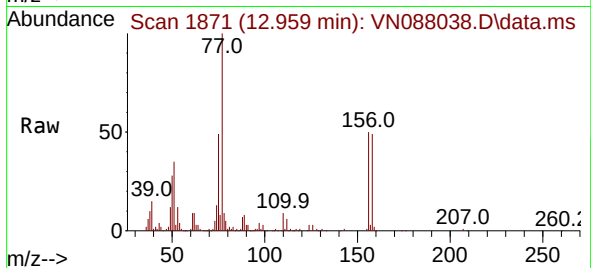




#73
Bromobenzene
Concen: 19.717 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN088038.D
Acq: 08 Oct 2025 13:59

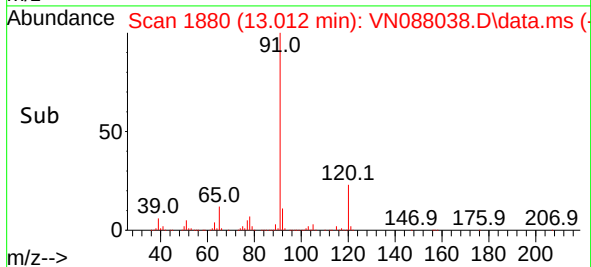
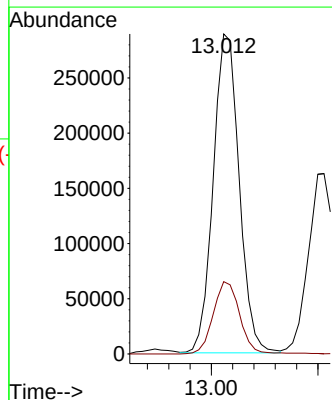
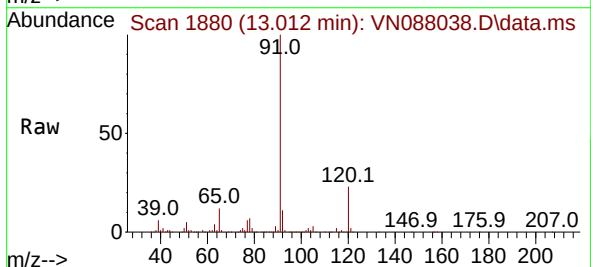
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

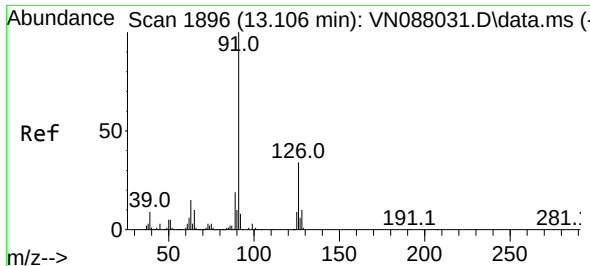
Tgt Ion:156 Resp: 94319
Ion Ratio Lower Upper
156 100
77 224.4 0.0 439.8
158 96.7 0.0 190.0



#74
n-propylbenzene
Concen: 20.654 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.006 min
Lab File: VN088038.D
Acq: 08 Oct 2025 13:59

Tgt Ion: 91 Resp: 487994
Ion Ratio Lower Upper
91 100
120 23.1 0.0 46.2

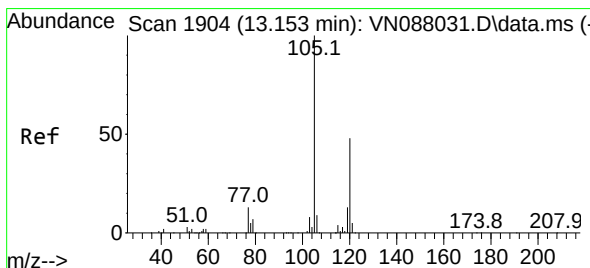
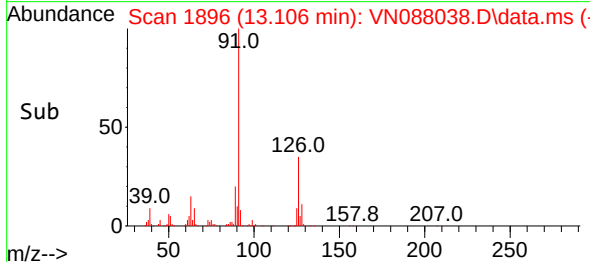
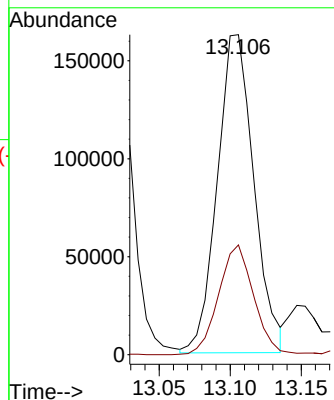
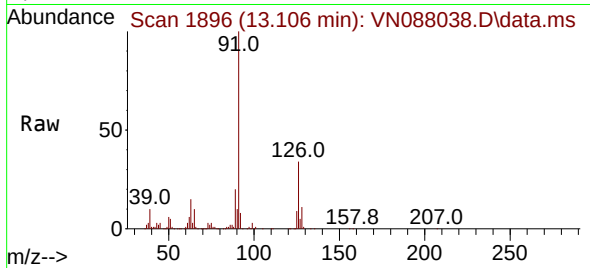




#75
2-Chlorotoluene
Concen: 20.149 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN088038.D
Acq: 08 Oct 2025 13:59

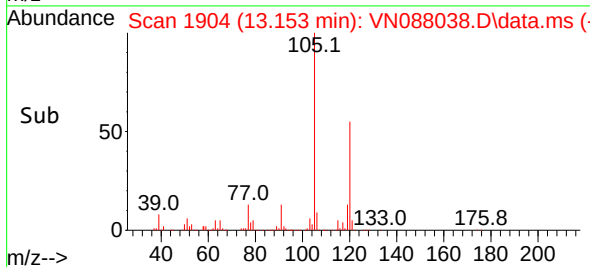
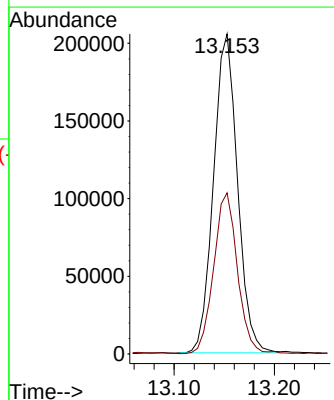
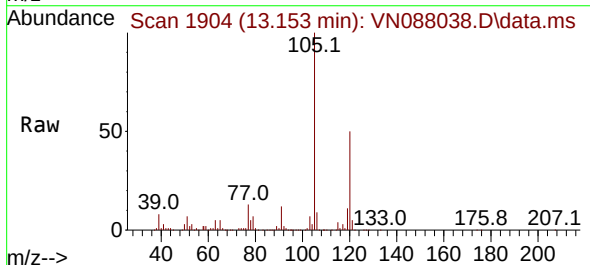
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

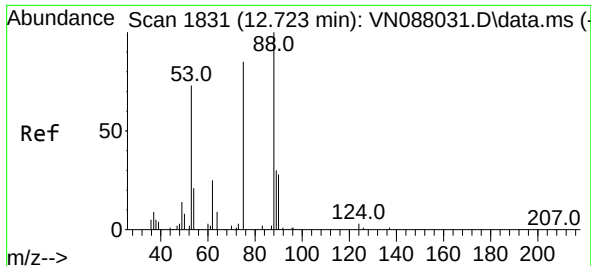
Tgt Ion: 91 Resp: 291086
Ion Ratio Lower Upper
91 100
126 33.0 0.0 66.6



#76
1,3,5-Trimethylbenzene
Concen: 20.485 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN088038.D
Acq: 08 Oct 2025 13:59

Tgt Ion: 105 Resp: 340570
Ion Ratio Lower Upper
105 100
120 49.6 0.0 100.6

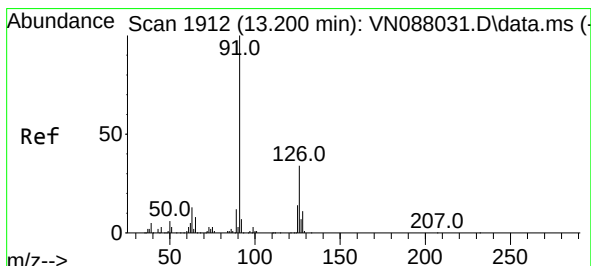
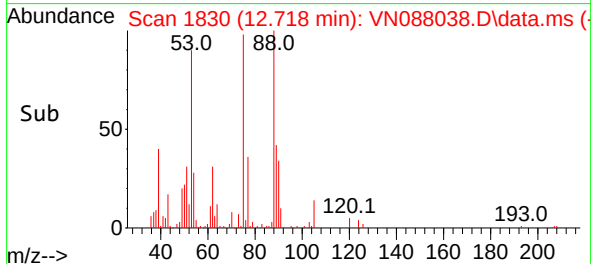
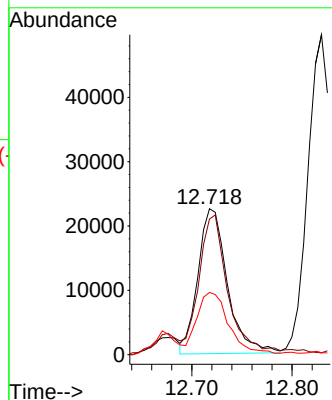
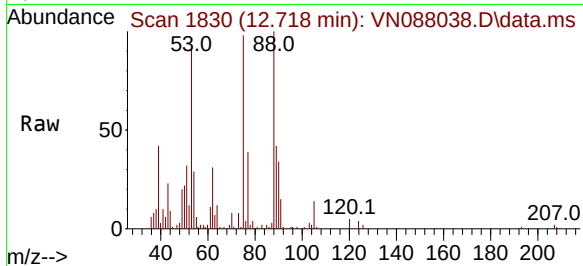




#77
t-1,4-Dichloro-2-butene
Concen: 18.755 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. -0.006 min
Lab File: VN088038.D
Acq: 08 Oct 2025 13:59

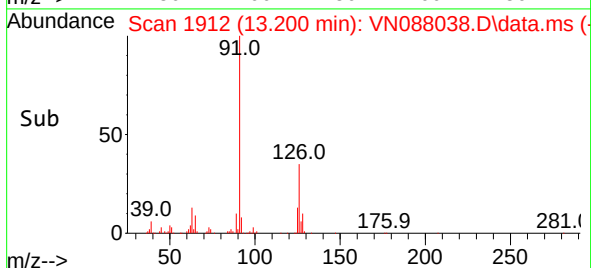
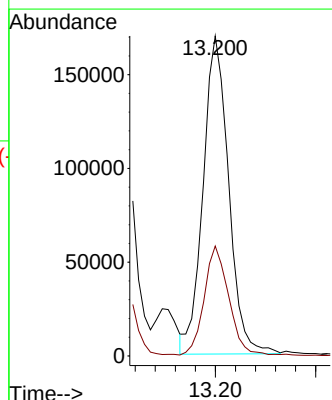
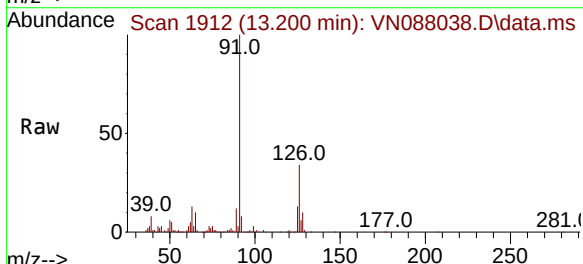
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

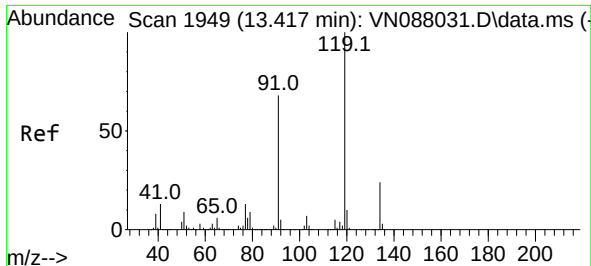
Tgt Ion: 75 Resp: 46060
Ion Ratio Lower Upper
75 100
53 92.4 41.8 125.3
89 42.7 19.9 59.6



#78
4-Chlorotoluene
Concen: 20.488 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN088038.D
Acq: 08 Oct 2025 13:59

Tgt Ion: 91 Resp: 300719
Ion Ratio Lower Upper
91 100
126 32.5 0.0 68.8

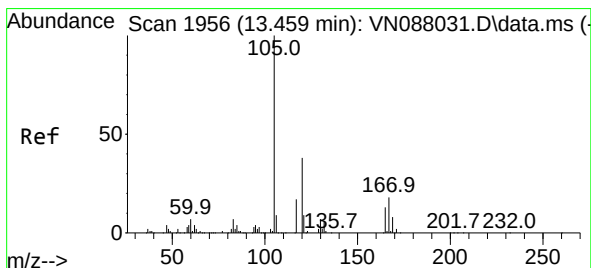
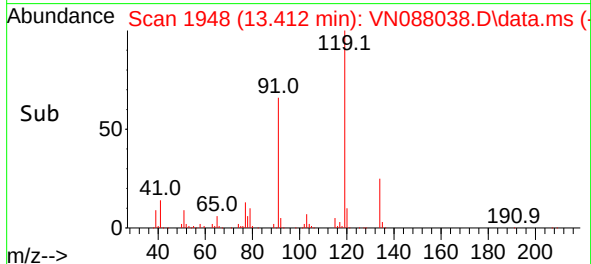
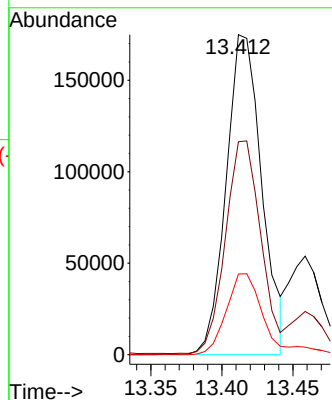
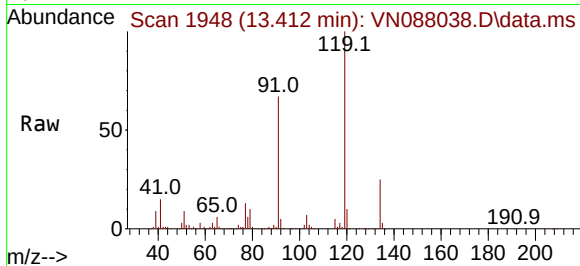




#79
tert-butylbenzene
Concen: 21.201 ug/l
RT: 13.412 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VN088038.D
Acq: 08 Oct 2025 13:59

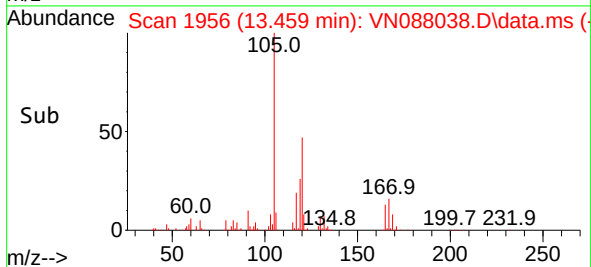
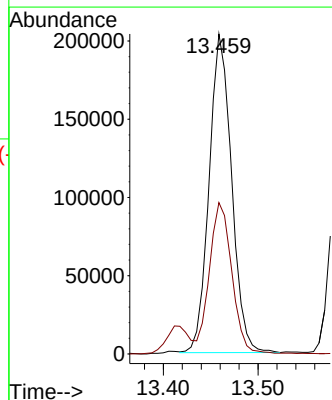
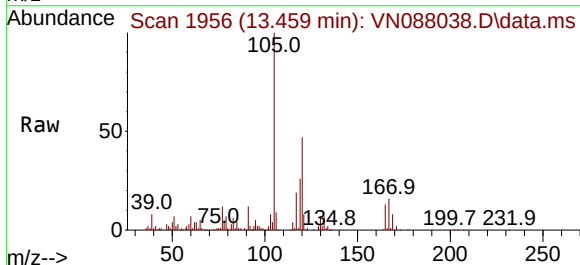
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

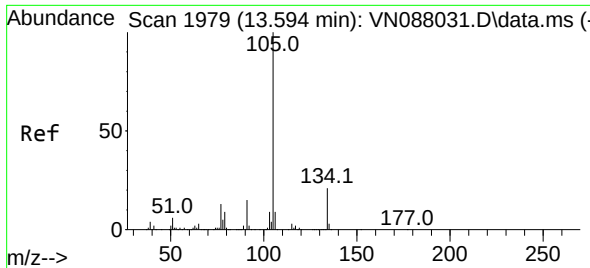
Tgt Ion:119 Resp: 305555
Ion Ratio Lower Upper
119 100
91 65.4 0.0 132.4
134 25.0 0.0 48.6



#80
1,2,4-Trimethylbenzene
Concen: 20.184 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN088038.D
Acq: 08 Oct 2025 13:59

Tgt Ion:105 Resp: 335940
Ion Ratio Lower Upper
105 100
120 46.4 0.0 93.8

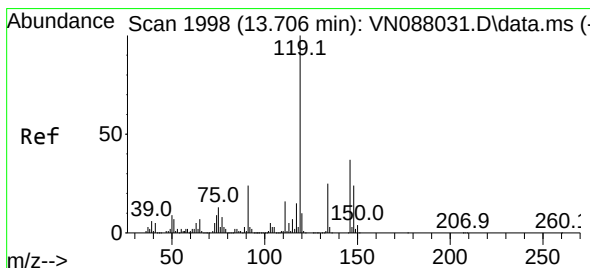
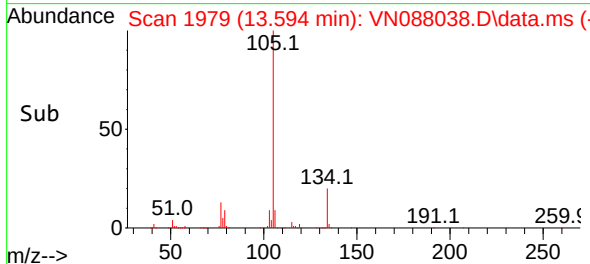
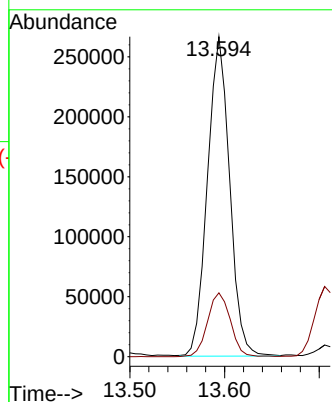
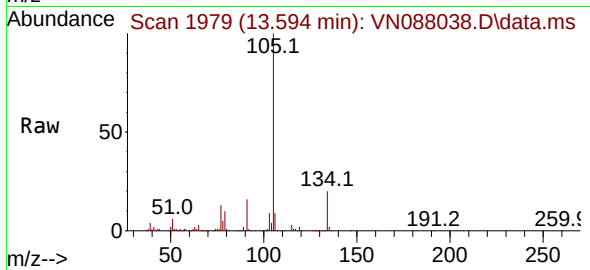




#81
 sec-Butylbenzene
 Concen: 21.371 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN088038.D
 Acq: 08 Oct 2025 13:59

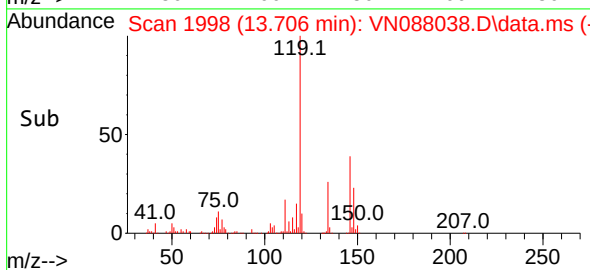
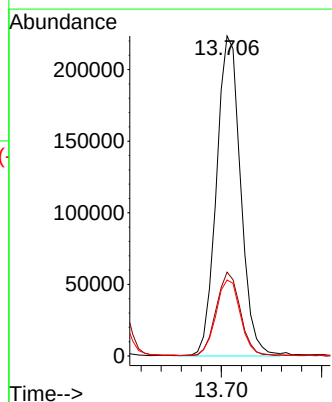
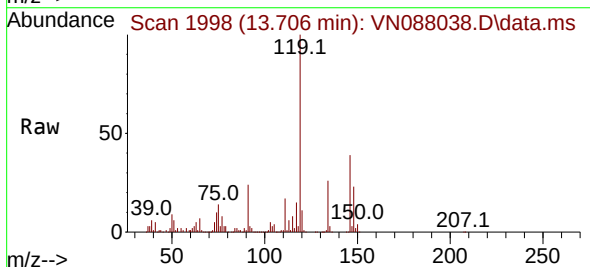
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1008WBSD01

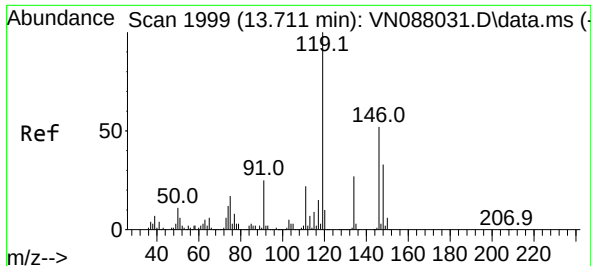
Tgt Ion:105 Resp: 433069
 Ion Ratio Lower Upper
 105 100
 134 20.5 0.0 41.2



#82
 p-Isopropyltoluene
 Concen: 21.603 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN088038.D
 Acq: 08 Oct 2025 13:59

Tgt Ion:119 Resp: 373742
 Ion Ratio Lower Upper
 119 100
 134 26.3 0.0 52.6
 91 23.9 0.0 48.2

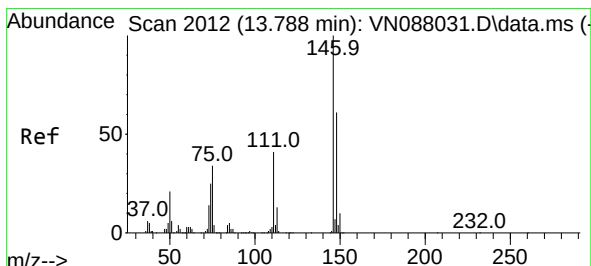
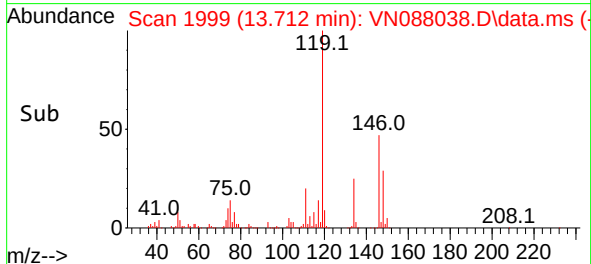
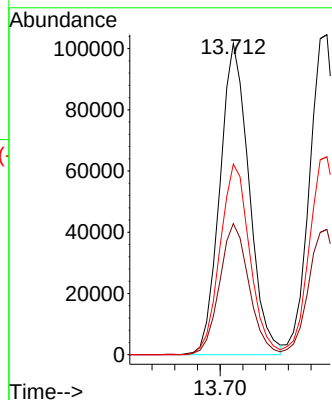
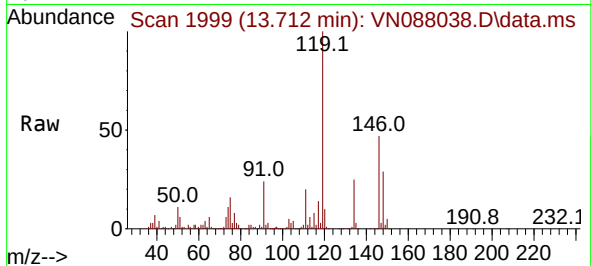




#83
1,3-Dichlorobenzene
Concen: 20.193 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN088038.D
Acq: 08 Oct 2025 13:59

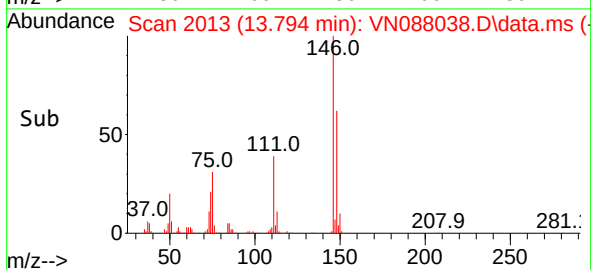
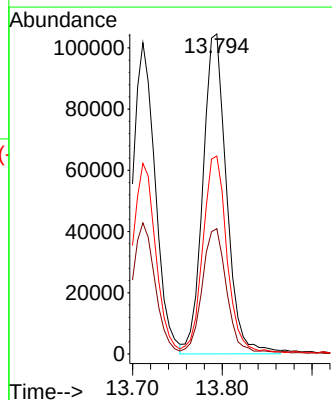
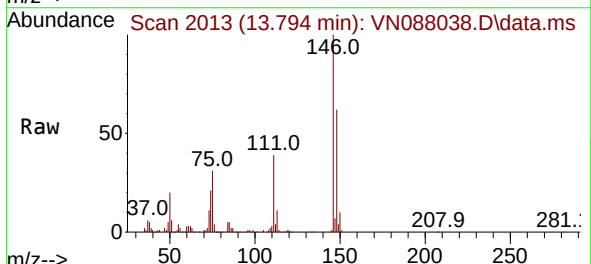
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

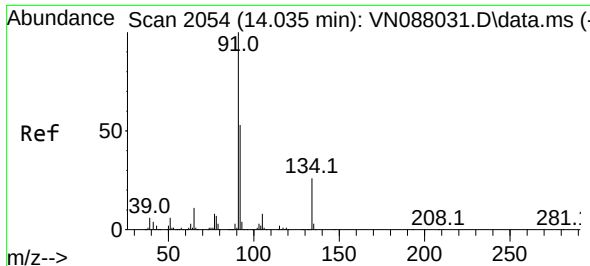
Tgt Ion:146 Resp: 181749
Ion Ratio Lower Upper
146 100
111 42.4 21.1 63.1
148 62.3 31.5 94.5



#84
1,4-Dichlorobenzene
Concen: 20.684 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN088038.D
Acq: 08 Oct 2025 13:59

Tgt Ion:146 Resp: 192001
Ion Ratio Lower Upper
146 100
111 40.1 20.5 61.6
148 63.7 31.9 95.9

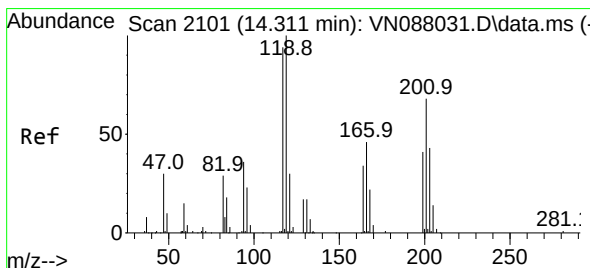
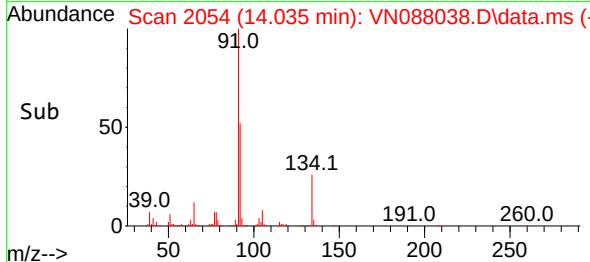
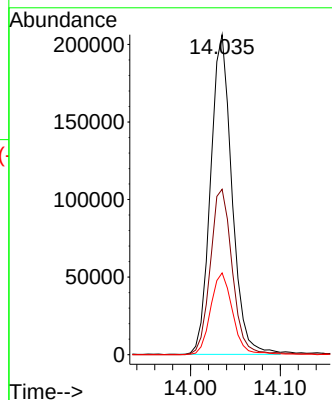
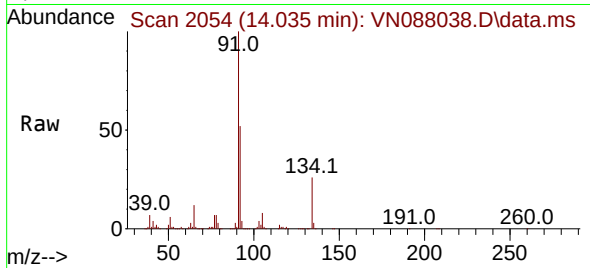




#85
n-Butylbenzene
Concen: 21.172 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN088038.D
Acq: 08 Oct 2025 13:59

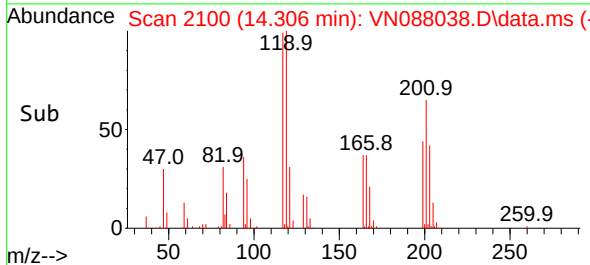
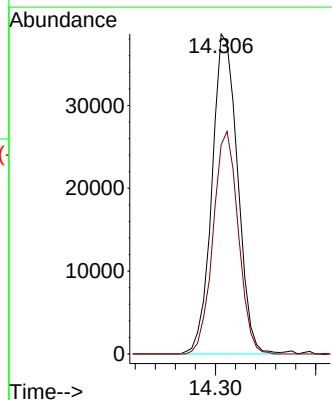
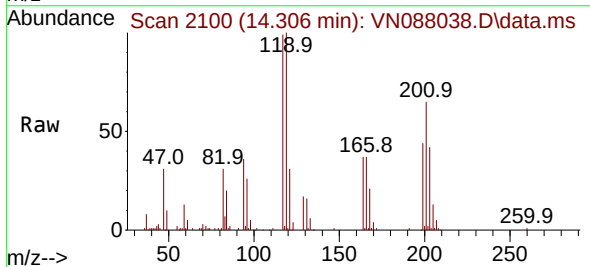
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

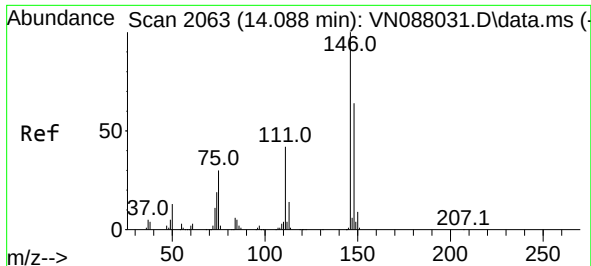
Tgt Ion: 91 Resp: 340776
Ion Ratio Lower Upper
91 100
92 53.1 0.0 107.6
134 26.3 0.0 52.6



#86
Hexachloroethane
Concen: 19.755 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. -0.006 min
Lab File: VN088038.D
Acq: 08 Oct 2025 13:59

Tgt Ion: 117 Resp: 68466
Ion Ratio Lower Upper
117 100
201 68.2 34.8 104.3

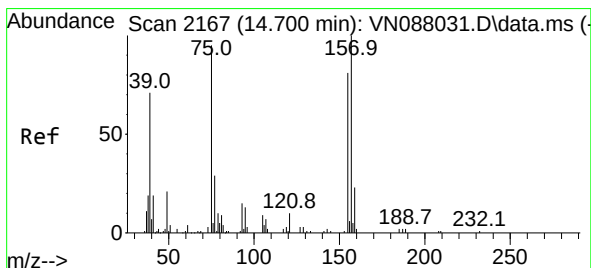
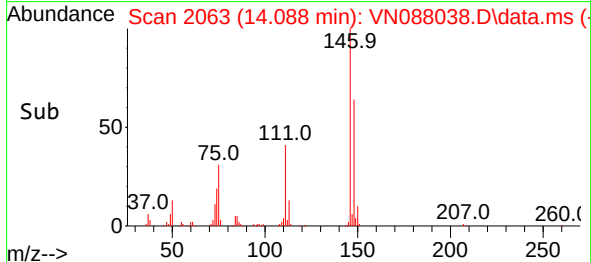
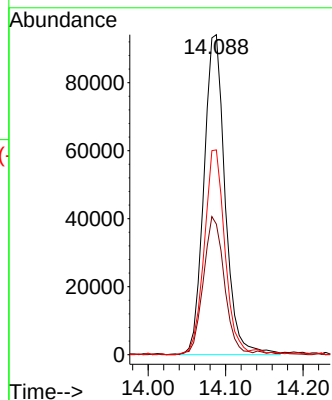
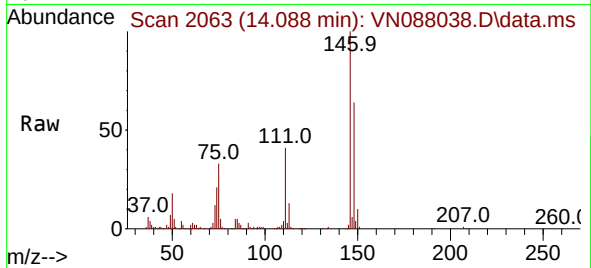




#87
 1,2-Dichlorobenzene
 Concen: 20.210 ug/l
 RT: 14.088 min Scan# 2063
 Delta R.T. 0.000 min
 Lab File: VN088038.D
 Acq: 08 Oct 2025 13:59

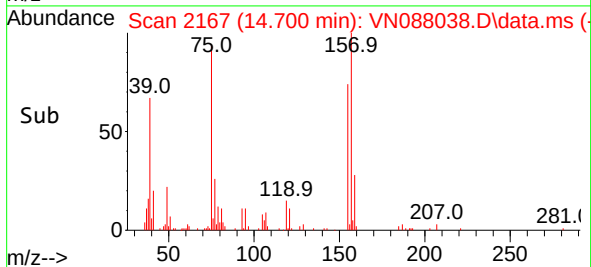
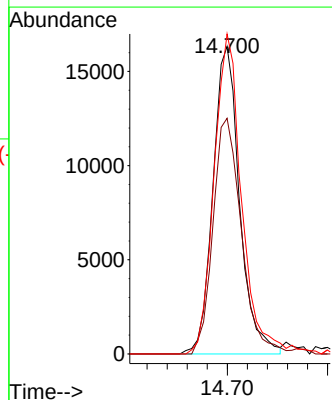
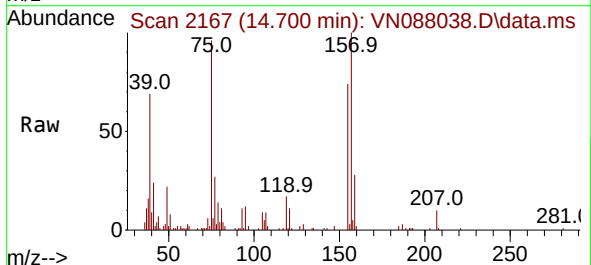
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1008WBSD01

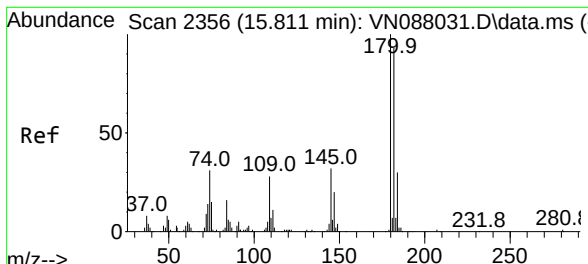
Tgt Ion:146 Resp: 178923
 Ion Ratio Lower Upper
 146 100
 111 42.6 22.3 66.8
 148 62.1 31.4 94.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.736 ug/l
 RT: 14.700 min Scan# 2167
 Delta R.T. 0.000 min
 Lab File: VN088038.D
 Acq: 08 Oct 2025 13:59

Tgt Ion: 75 Resp: 30078
 Ion Ratio Lower Upper
 75 100
 155 81.6 63.5 95.3
 157 108.4 81.7 122.5

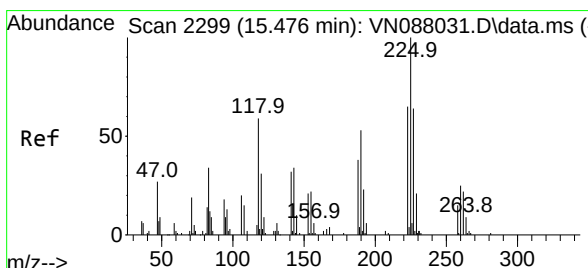
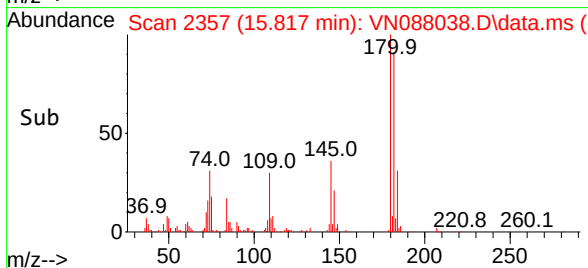
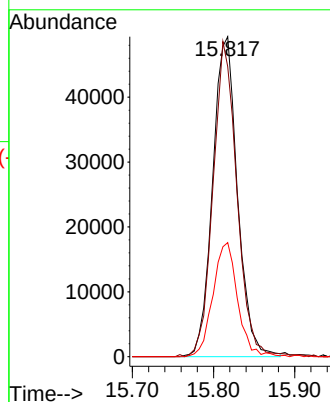
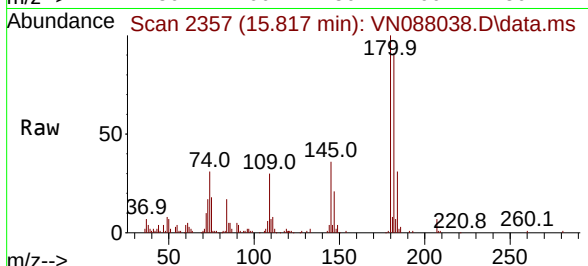




#89
 1,2,4-Trichlorobenzene
 Concen: 19.887 ug/l
 RT: 15.817 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN088038.D
 Acq: 08 Oct 2025 13:59

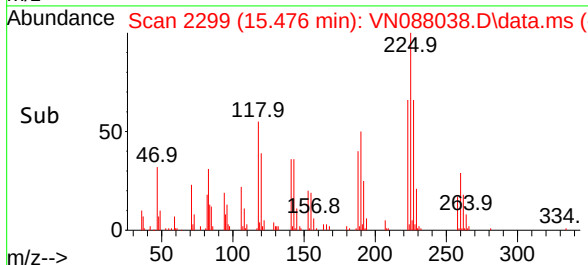
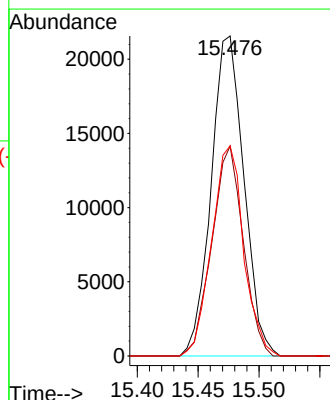
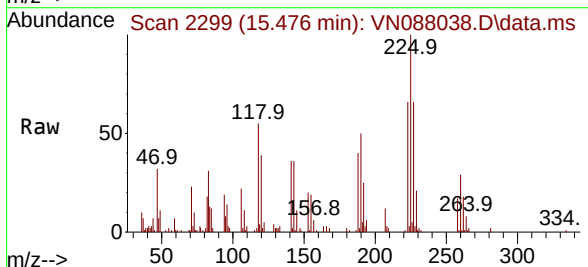
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1008WBSD01

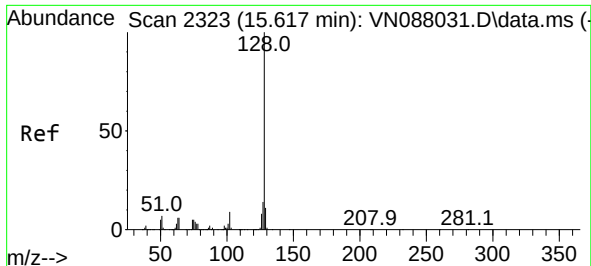
Tgt Ion:180 Resp: 104869
 Ion Ratio Lower Upper
 180 100
 182 94.8 74.6 112.0
 145 34.9 27.2 40.8



#90
 Hexachlorobutadiene
 Concen: 22.004 ug/l
 RT: 15.476 min Scan# 2299
 Delta R.T. 0.000 min
 Lab File: VN088038.D
 Acq: 08 Oct 2025 13:59

Tgt Ion:225 Resp: 40385
 Ion Ratio Lower Upper
 225 100
 223 62.9 0.0 129.6
 227 64.0 0.0 132.2

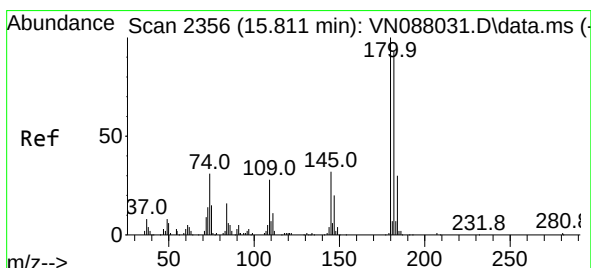
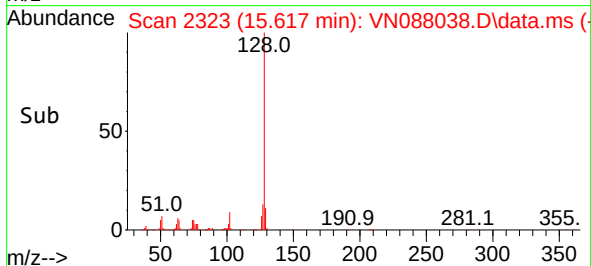
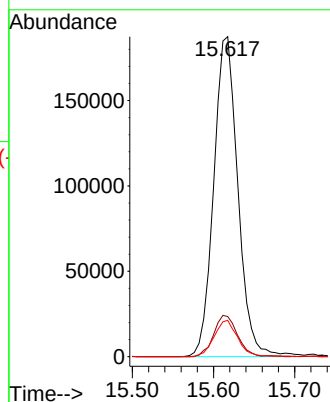
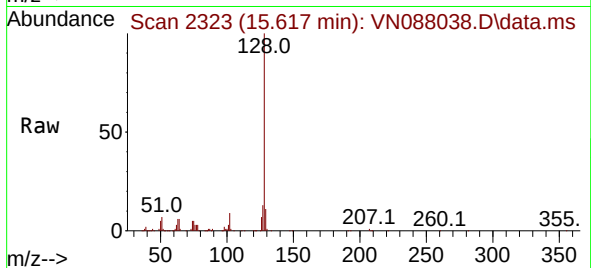




#91
Naphthalene
Concen: 20.034 ug/l
RT: 15.617 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN088038.D
Acq: 08 Oct 2025 13:59

Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

Tgt Ion:128 Resp: 386783
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 11.1 8.6 13.0



#92
1,2,3-Trichlorobenzene
Concen: 19.887 ug/l
RT: 15.817 min Scan# 2357
Delta R.T. 0.006 min
Lab File: VN088038.D
Acq: 08 Oct 2025 13:59

Tgt Ion:180 Resp: 104869
Ion Ratio Lower Upper
180 100
182 94.8 0.0 186.6
145 34.9 0.0 68.0

