

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100925\
 Data File : VN088050.D
 Acq On : 09 Oct 2025 10:25
 Operator : JC\MD
 Sample : VN1009WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBSD01

Quant Time: Oct 10 00:48:11 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	65203	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.083	114	370341	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.841	117	323049	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	156754	30.874	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 102.900%	
60) 4-Bromofluorobenzene	12.829	95	162288	30.473	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 101.567%	
63) Toluene-d8	10.541	98	445415	30.946	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 103.167%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	84428	22.607	ug/l	91
3) Chloromethane	2.383	50	84974	20.069	ug/l	94
4) Vinyl Chloride	2.536	62	93535	21.186	ug/l	97
5) Bromomethane	2.983	94	51473	21.682	ug/l	85
6) Chloroethane	3.142	64	58614	20.126	ug/l	96
7) Trichlorofluoromethane	3.512	101	130227	21.692	ug/l	97
8) Diethyl Ether	3.965	74	55069	20.301	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	73676	22.925	ug/l	94
10) 1,1-Dichloroethene	4.342	96	73602	21.469	ug/l	91
11) Methyl Iodide	4.577	142	58419	18.489	ug/l	93
12) Methyl Acetate	5.012	43	104302	18.714	ug/l	92
13) Acrolein	4.183	56	82323	95.450	ug/l #	4
14) Acrylonitrile	5.706	53	254351	94.568	ug/l	99
15) Acetone	4.418	58	71464	90.728	ug/l	82
16) Carbon Disulfide	4.700	76	221951	20.652	ug/l	98
17) Allyl chloride	5.012	41	126601	19.570	ug/l	97
18) Methylene Chloride	5.259	84	86353	19.818	ug/l	94
19) trans-1,2-Dichloroethene	5.771	96	80703	20.361	ug/l	91
20) Diisopropyl ether	6.659	45	297834	20.223	ug/l	97
21) 1,1-Dichloroethane	6.553	63	158954	20.732	ug/l	95
22) cis-1,2-Dichloroethene	7.465	96	98327	19.817	ug/l	97
23) tert-Butyl Alcohol	5.518	59	92116	85.395	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	295903	19.996	ug/l	99
25) Chloroform	7.947	83	157545	19.912	ug/l	100
26) Cyclohexane	8.241	56	138359	21.781	ug/l	98
29) 1,1-Dichloropropene	8.353	75	111305	20.968	ug/l	97
30) 2-Butanone	7.465	43	359565	91.839	ug/l #	79
31) 2,2-Dichloropropane	7.471	77	139636	20.415	ug/l	100
32) 1,1,1-Trichloroethane	8.153	97	137601	20.744	ug/l	99
33) Carbon Tetrachloride	8.341	117	116726	21.009	ug/l	90
34) Benzene	8.588	78	344907	19.588	ug/l	99
35) Methacrylonitrile	7.759	41	76164	18.499	ug/l	96
36) 1,2-Dichloroethane	8.653	62	122699	20.073	ug/l	99
37) Trichloroethene	9.335	130	80433	19.281	ug/l	96
38) Methylcyclohexane	9.577	83	144946	22.110	ug/l	97
39) 1,2-Dichloropropane	9.600	63	87148	19.739	ug/l	94
40) Dibromomethane	9.688	93	61666	19.188	ug/l	95
41) Bromodichloromethane	9.865	83	130554	19.890	ug/l	98
42) Vinyl Acetate	6.589	43	1380938	103.536	ug/l	97

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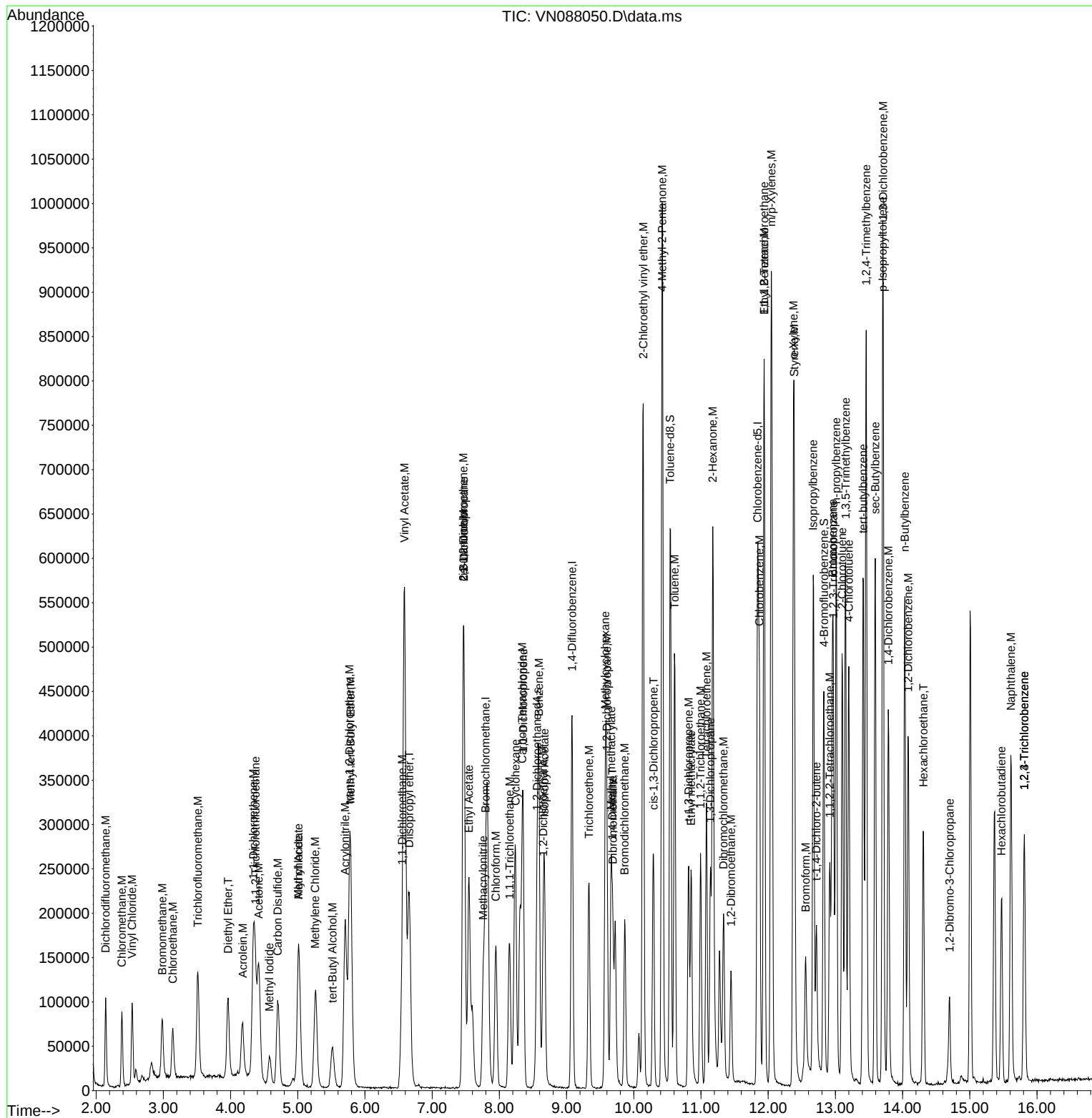
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	123449	16.403	ug/l #	88
44) Isopropyl Acetate	8.671	43	237802	19.346	ug/l	99
45) 1,4-Dioxane	9.682	88	28031	342.868	ug/l #	91
46) Methyl methacrylate	9.665	41	105901	19.563	ug/l	97
48) t-1,3-Dichloropropene	10.818	75	142074	19.466	ug/l	96
49) cis-1,3-Dichloropropene	10.294	75	147026	19.312	ug/l	97
50) 1,1,2-Trichloroethane	10.994	97	83376	19.591	ug/l	96
51) Ethyl methacrylate	10.853	69	142543	19.790	ug/l	97
52) 1,3-Dichloropropane	11.141	76	145334	19.573	ug/l	99
53) Dibromochloromethane	11.335	129	94997	18.671	ug/l	100
54) 1,2-Dibromoethane	11.447	107	87493	19.229	ug/l	100
55) 2-Chloroethyl vinyl ether	10.141	63	354980	91.306	ug/l	98
56) Bromoform	12.559	173	61605	17.909	ug/l	96
58) 4-Methyl-2-Pentanone	10.424	43	699678	96.830	ug/l	100
59) 2-Hexanone	11.177	43	471360	98.802	ug/l	99
61) Tetrachloroethene	11.082	164	67120	20.517	ug/l	89
62) Toluene	10.606	91	372704	20.339	ug/l	98
64) Chlorobenzene	11.871	112	238973	20.417	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.941	131	79789	19.781	ug/l	97
66) Ethyl Benzene	11.941	91	409772	20.565	ug/l	99
67) m/p-Xylenes	12.047	106	310255	40.390	ug/l	98
68) o-Xylene	12.376	106	153519	20.076	ug/l	96
69) Styrene	12.388	104	259219	20.493	ug/l	98
70) Isopropylbenzene	12.671	105	394277	21.038	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.918	83	126318	19.880	ug/l	98
72) 1,2,3-Trichloropropane	12.970	75	166759	28.259	ug/l	60
73) Bromobenzene	12.959	156	91435	19.961	ug/l	97
74) n-propylbenzene	13.012	91	480225	21.226	ug/l	100
75) 2-Chlorotoluene	13.100	91	284028	20.532	ug/l	99
76) 1,3,5-Trimethylbenzene	13.153	105	333666	20.959	ug/l	98
77) t-1,4-Dichloro-2-butene	12.718	75	44032	18.724	ug/l	85
78) 4-Chlorotoluene	13.200	91	296519	21.098	ug/l	97
79) tert-butylbenzene	13.412	119	296371	21.475	ug/l	99
80) 1,2,4-Trimethylbenzene	13.459	105	337723	21.191	ug/l	96
81) sec-Butylbenzene	13.594	105	425149	21.911	ug/l	99
82) p-Isopropyltoluene	13.706	119	360739	21.775	ug/l	100
83) 1,3-Dichlorobenzene	13.712	146	173399	20.119	ug/l	98
84) 1,4-Dichlorobenzene	13.788	146	179387	20.182	ug/l	98
85) n-Butylbenzene	14.035	91	336726	21.848	ug/l	99
86) Hexachloroethane	14.312	117	66213	19.952	ug/l	89
87) 1,2-Dichlorobenzene	14.082	146	169411	19.984	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.700	75	26887	18.425	ug/l	99
89) 1,2,4-Trichlorobenzene	15.811	180	97420	19.293	ug/l	99
90) Hexachlorobutadiene	15.470	225	36383	20.703	ug/l	99
91) Naphthalene	15.611	128	356687	19.294	ug/l	100
92) 1,2,3-Trichlorobenzene	15.811	180	97420	19.293	ug/l	99

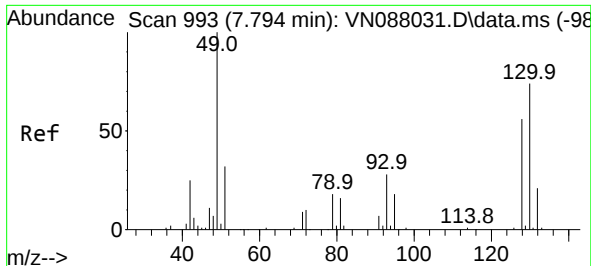
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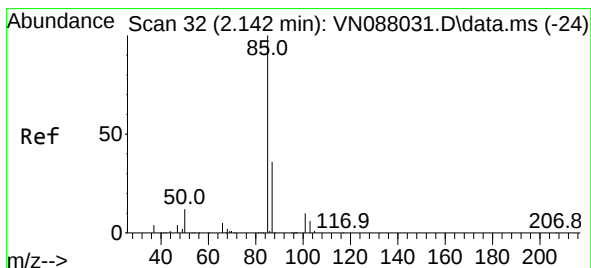
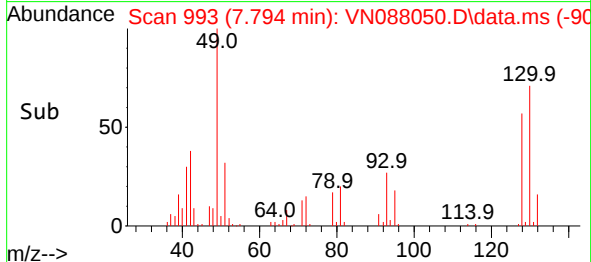
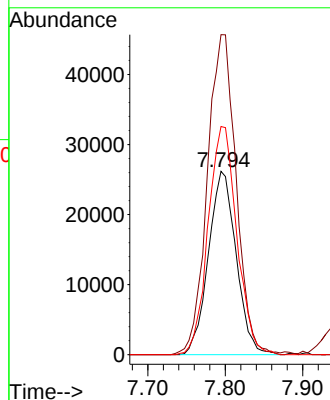
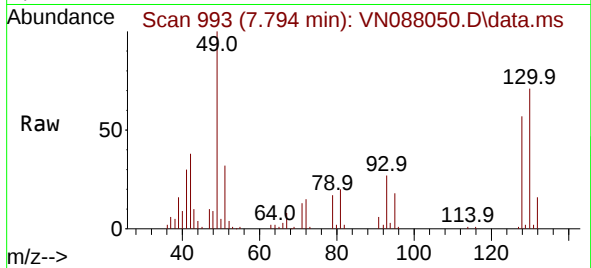




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 993
Delta R.T. 0.000 min
Lab File: VN088050.D
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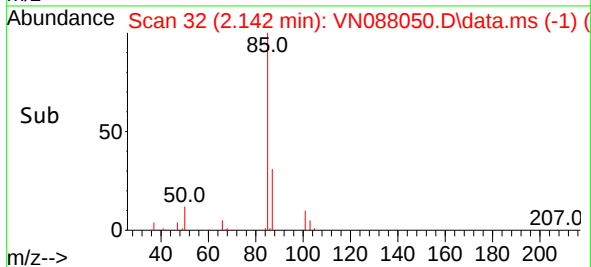
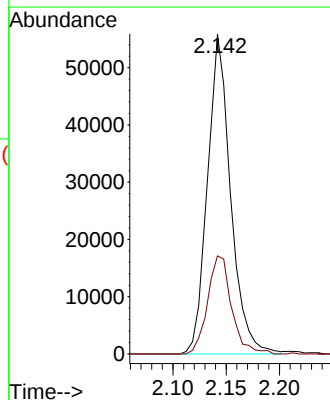
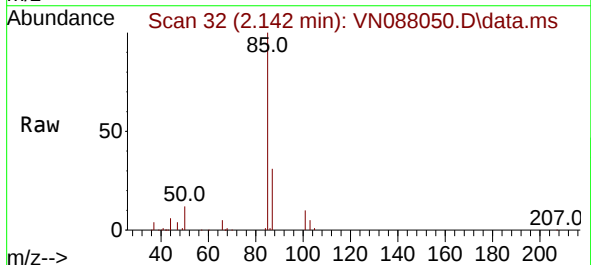
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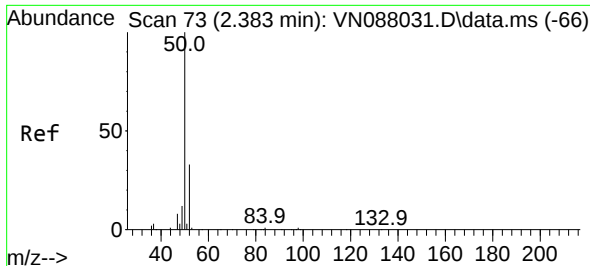
Tgt Ion:128 Resp: 65203
Ion Ratio Lower Upper
128 100
49 181.0 0.0 439.8
130 128.7 0.0 325.8



#2
Dichlorodifluoromethane
Concen: 22.607 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN088050.D
Acq: 09 Oct 2025 10:25

Tgt Ion: 85 Resp: 84428
Ion Ratio Lower Upper
85 100
87 30.7 17.9 53.8

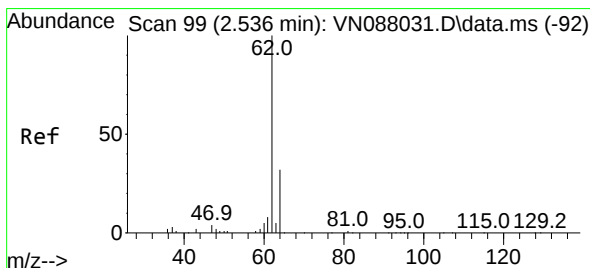
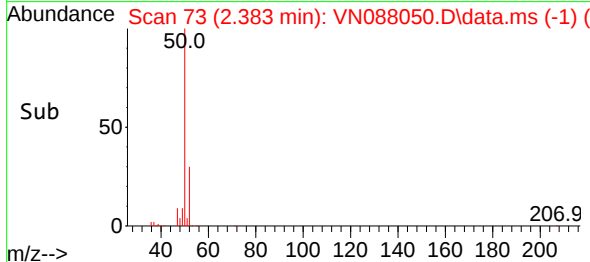
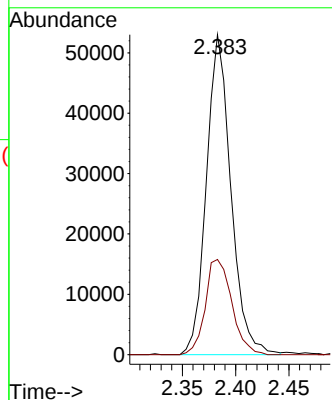
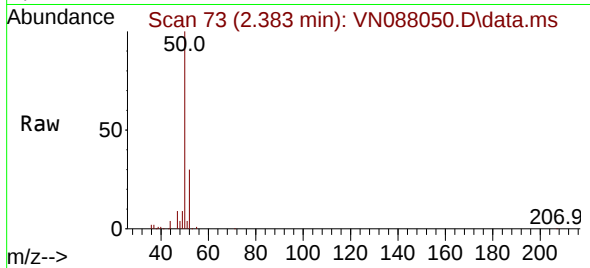




#3
Chloromethane
Concen: 20.069 ug/l
RT: 2.383 min Scan# 73
Delta R.T. 0.000 min
Lab File: VN088050.D
Acq: 09 Oct 2025 10:25

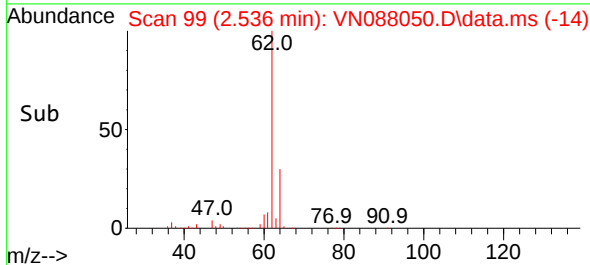
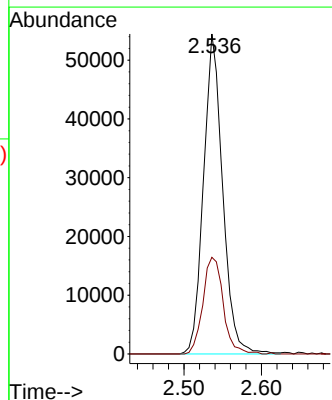
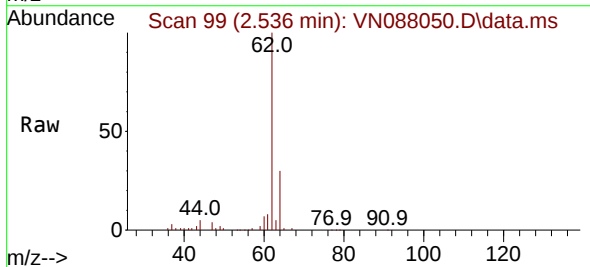
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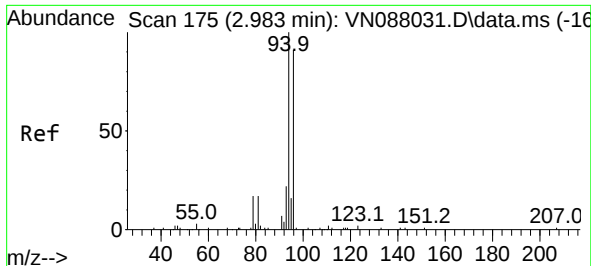
Tgt Ion: 50 Resp: 84974
Ion Ratio Lower Upper
50 100
52 29.8 26.3 39.5



#4
Vinyl Chloride
Concen: 21.186 ug/l
RT: 2.536 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN088050.D
Acq: 09 Oct 2025 10:25

Tgt Ion: 62 Resp: 93535
Ion Ratio Lower Upper
62 100
64 30.2 25.7 38.5

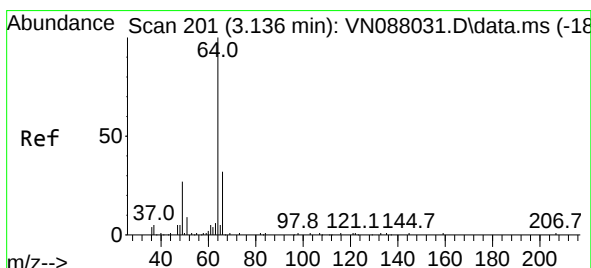
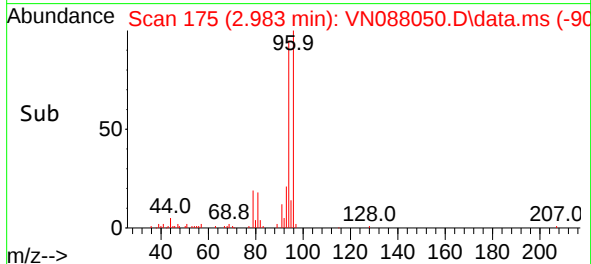
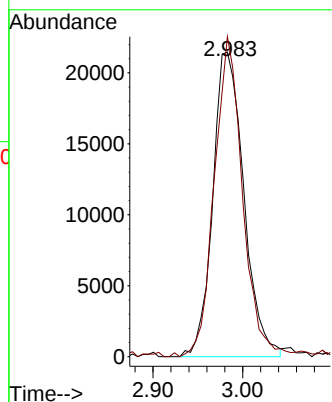
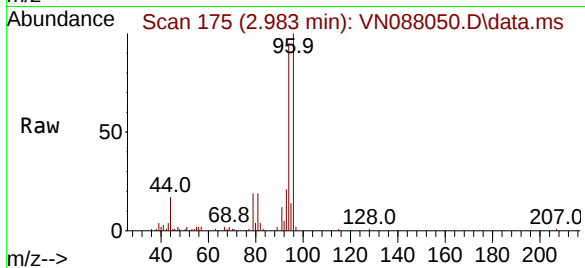




#5
Bromomethane
Concen: 21.682 ug/l
RT: 2.983 min Scan# 175
Delta R.T. 0.000 min
Lab File: VN088050.D
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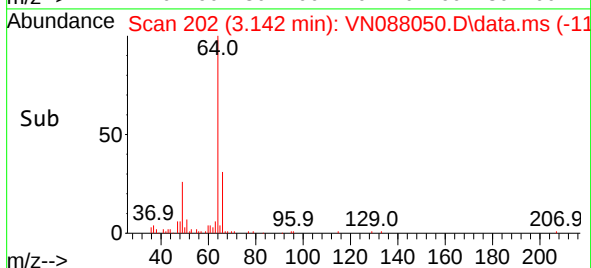
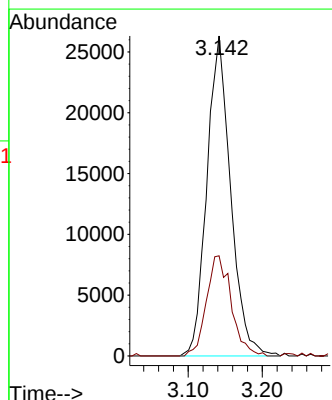
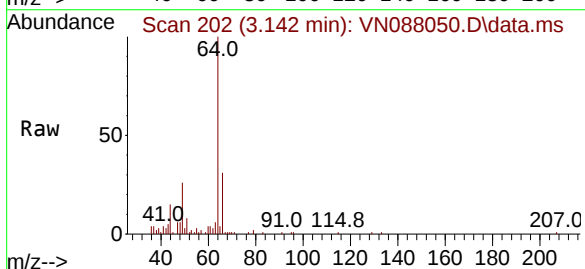
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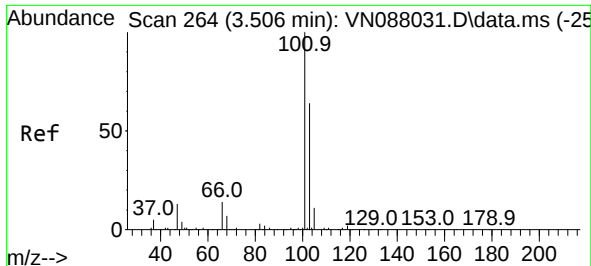
Tgt Ion: 94 Resp: 51473
Ion Ratio Lower Upper
94 100
96 105.0 73.0 109.4



#6
Chloroethane
Concen: 20.126 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.006 min
Lab File: VN088050.D
Acq: 09 Oct 2025 10:25

Tgt Ion: 64 Resp: 58614
Ion Ratio Lower Upper
64 100
66 31.3 26.8 40.2

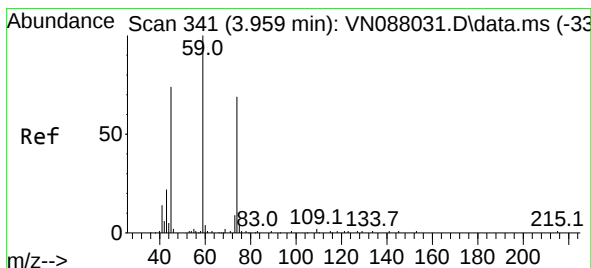
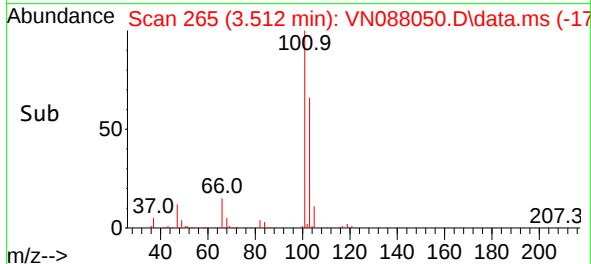
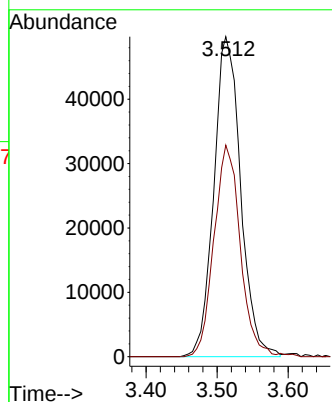
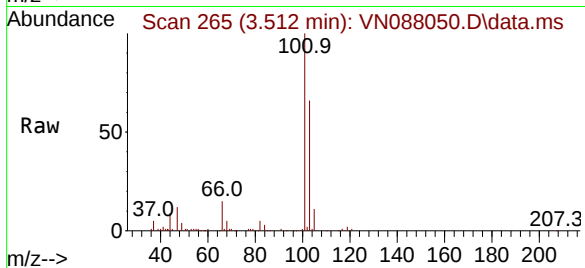




#7
Trichlorofluoromethane
Concen: 21.692 ug/l
RT: 3.512 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN088050.D
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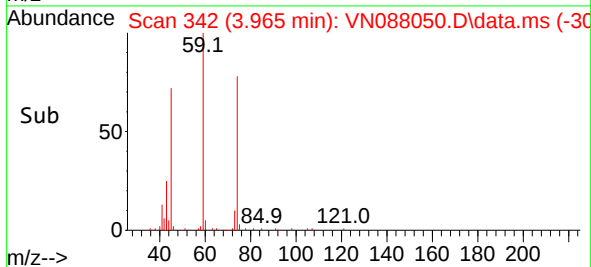
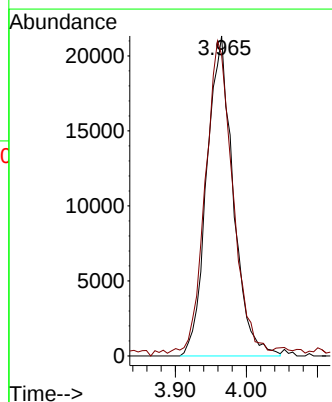
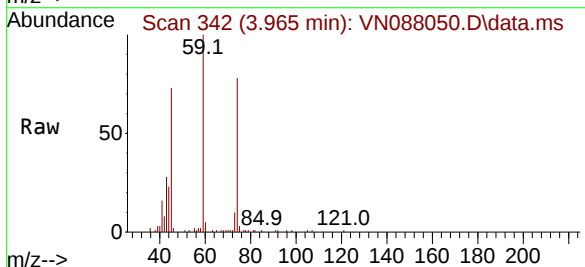
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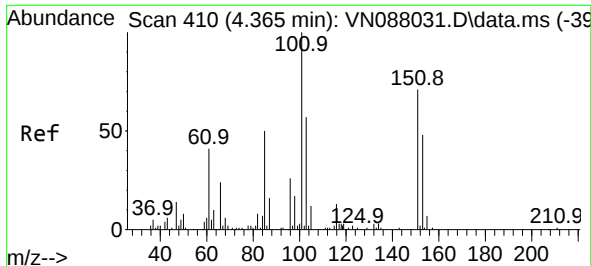
Tgt Ion:101 Resp: 130227
Ion Ratio Lower Upper
101 100
103 66.1 51.0 76.4



#8
Diethyl Ether
Concen: 20.301 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN088050.D
Acq: 09 Oct 2025 10:25

Tgt Ion: 74 Resp: 55069
Ion Ratio Lower Upper
74 100
45 99.4 20.4 183.8

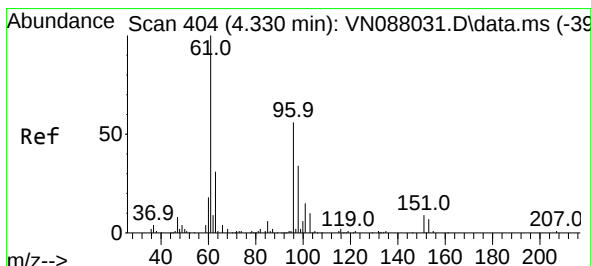
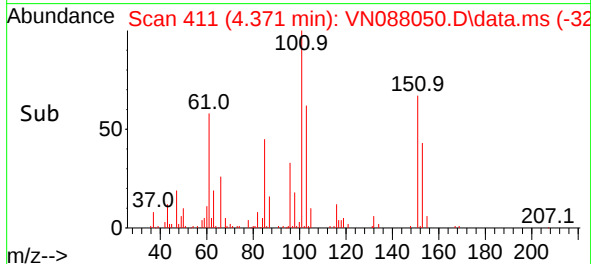
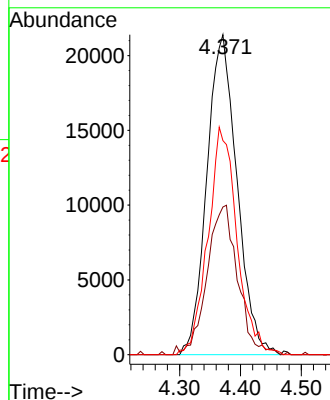
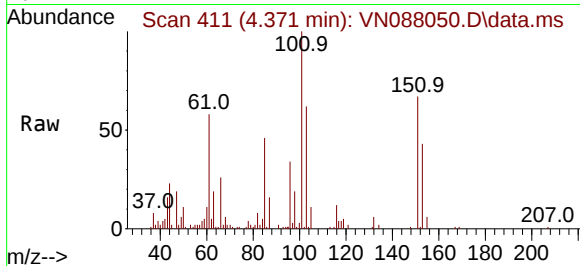




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.925 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN088050.D
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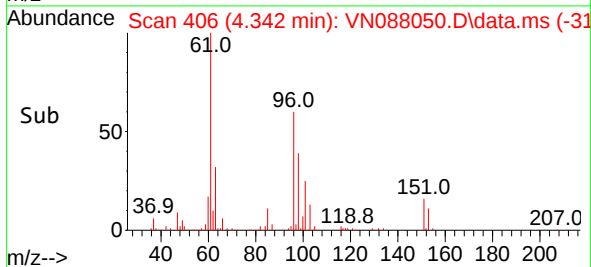
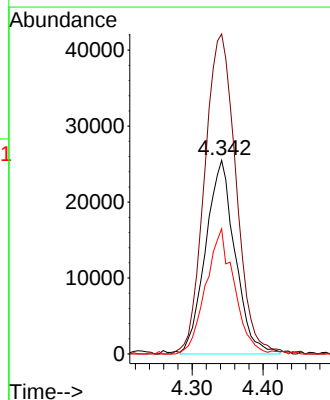
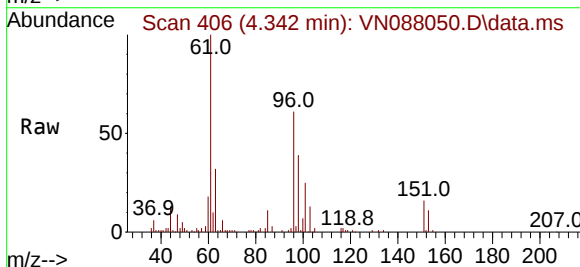
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ClientSampleId :
VN1009WBSD01

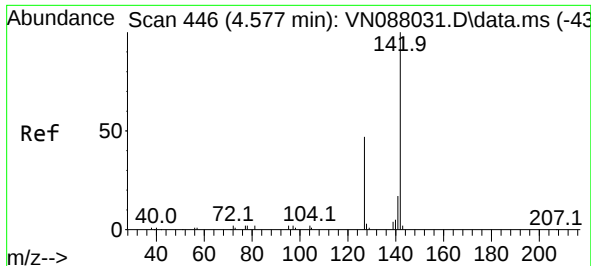
Tgt Ion:101 Resp: 73676
Ion Ratio Lower Upper
101 100
85 45.1 0.0 103.2
151 68.3 0.0 141.4



#10
1,1-Dichloroethene
Concen: 21.469 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.012 min
Lab File: VN088050.D
Acq: 09 Oct 2025 10:25

Tgt Ion: 96 Resp: 73602
Ion Ratio Lower Upper
96 100
61 164.4 144.1 216.1
98 64.4 49.0 73.6

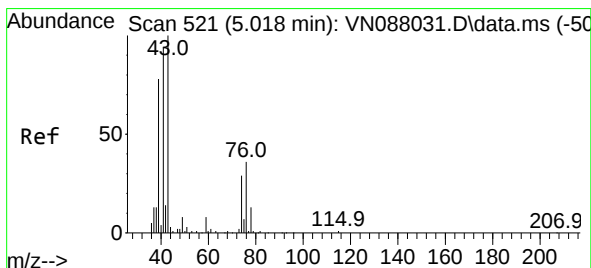
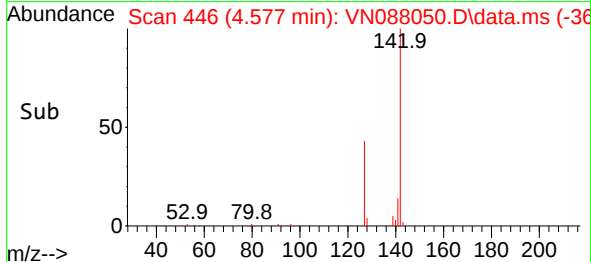
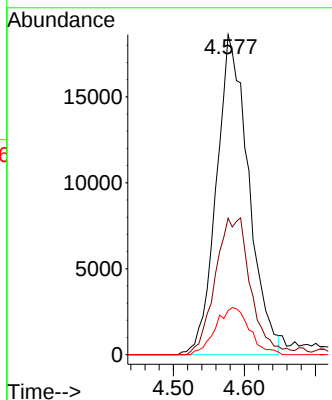
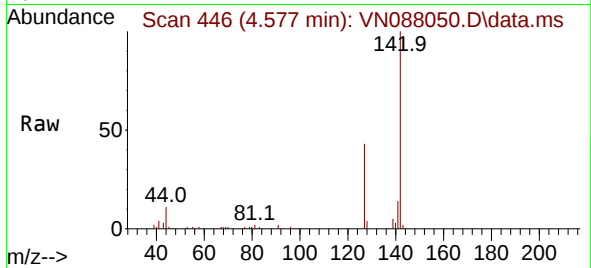




#11
Methyl Iodide
Concen: 18.489 ug/l
RT: 4.577 min Scan# 446
Delta R.T. 0.000 min
Lab File: VN088050.D
Acq: 09 Oct 2025 10:25

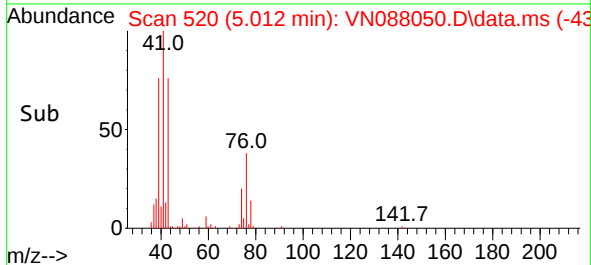
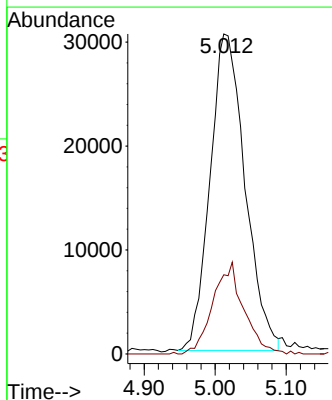
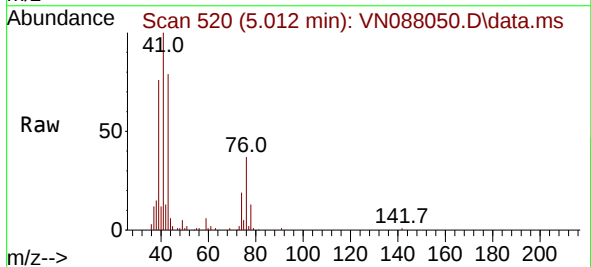
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD01

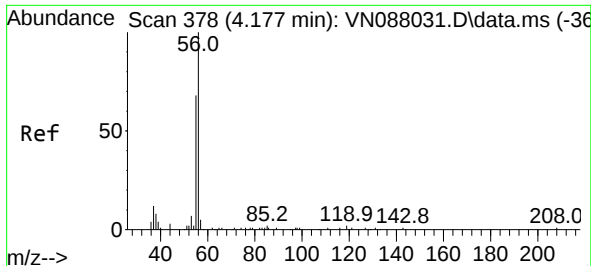
Tgt Ion:142 Resp: 58419
Ion Ratio Lower Upper
142 100
127 42.6 23.4 70.3
141 13.8 8.8 26.2



#12
Methyl Acetate
Concen: 18.714 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN088050.D
Acq: 09 Oct 2025 10:25

Tgt Ion: 43 Resp: 104302
Ion Ratio Lower Upper
43 100
74 25.0 23.3 34.9

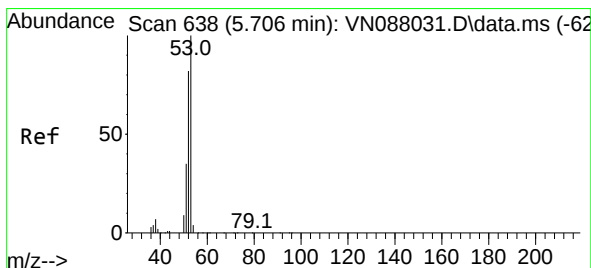
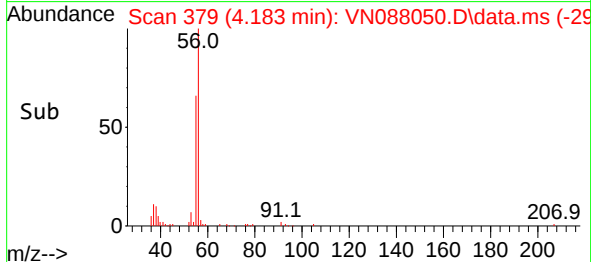
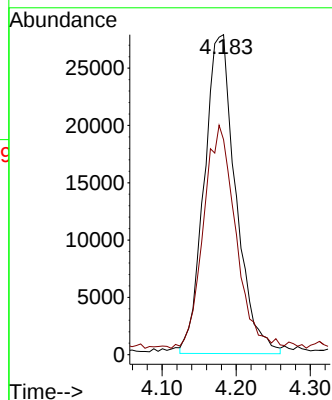
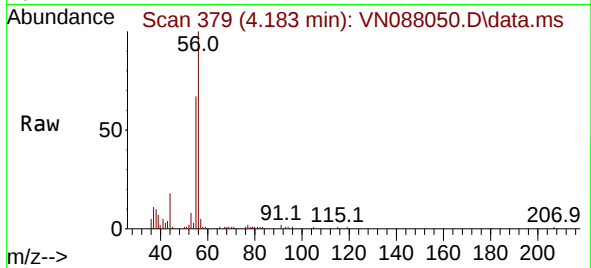




#13
Acrolein
Concen: 95.450 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN088050.D
Acq: 09 Oct 2025 10:25

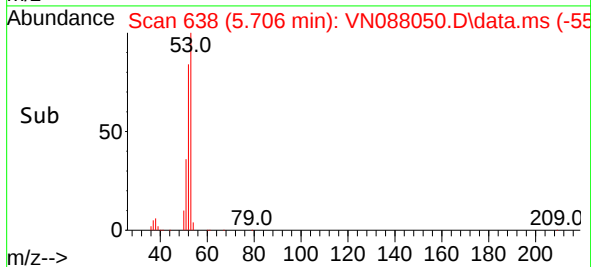
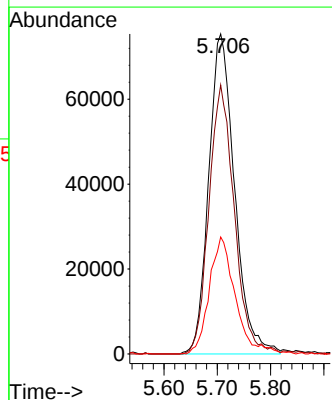
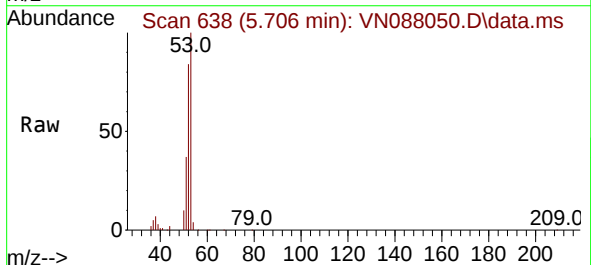
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD01

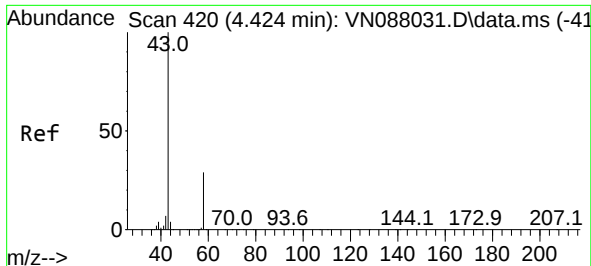
Tgt Ion: 56 Resp: 82323
Ion Ratio Lower Upper
56 100
55 72.5 0.3 0.5#



#14
Acrylonitrile
Concen: 94.568 ug/l
RT: 5.706 min Scan# 638
Delta R.T. 0.000 min
Lab File: VN088050.D
Acq: 09 Oct 2025 10:25

Tgt Ion: 53 Resp: 254351
Ion Ratio Lower Upper
53 100
52 81.9 41.3 124.1
51 35.4 18.0 54.0

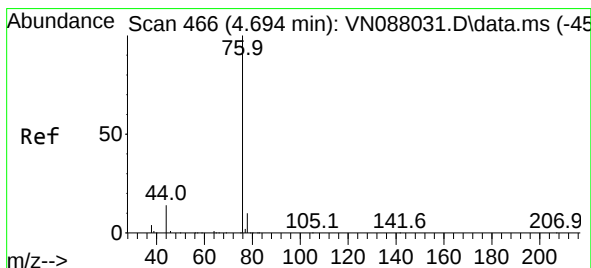
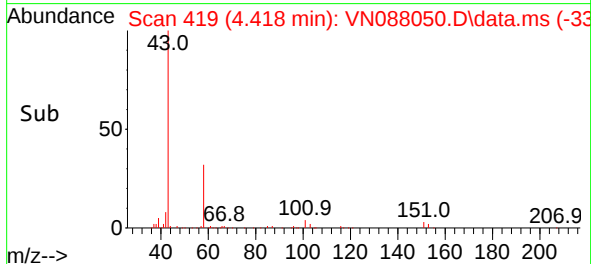
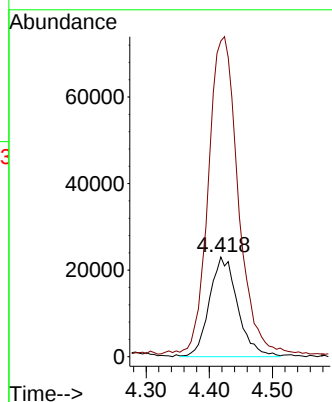
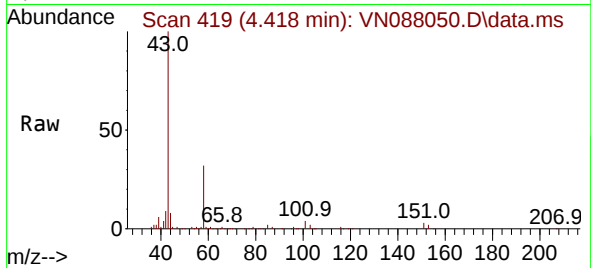




#15
Acetone
Concen: 90.728 ug/l
RT: 4.418 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN088050.D
Acq: 09 Oct 2025 10:25

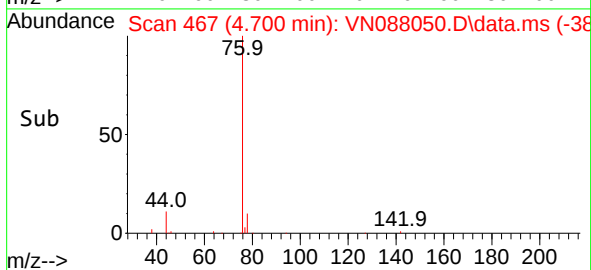
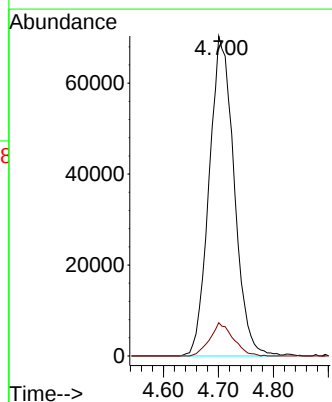
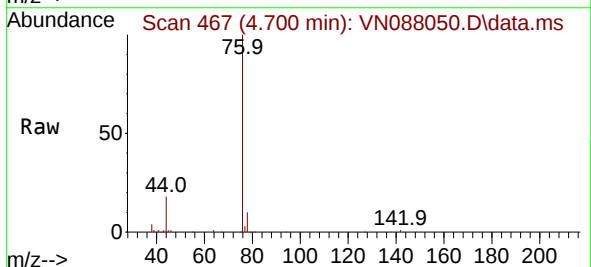
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD01

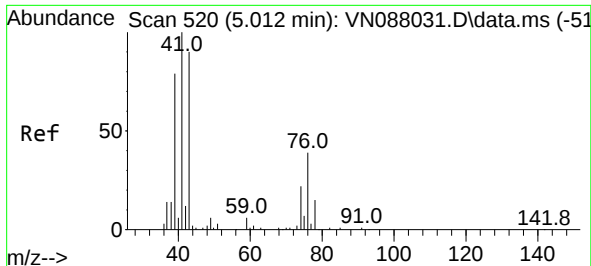
Tgt Ion: 58 Resp: 71464
Ion Ratio Lower Upper
58 100
43 314.3 282.6 424.0



#16
Carbon Disulfide
Concen: 20.652 ug/l
RT: 4.700 min Scan# 467
Delta R.T. 0.006 min
Lab File: VN088050.D
Acq: 09 Oct 2025 10:25

Tgt Ion: 76 Resp: 221951
Ion Ratio Lower Upper
76 100
78 10.4 7.8 11.8

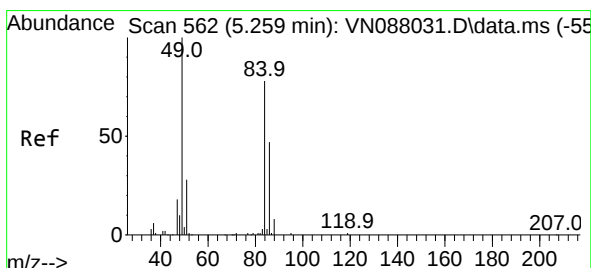
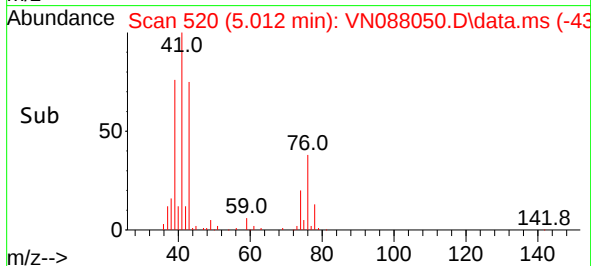
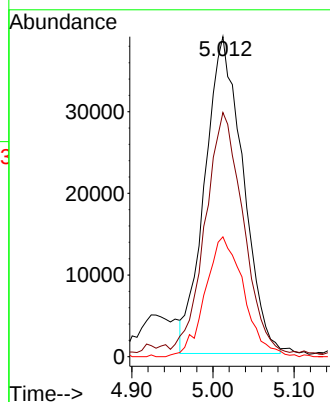
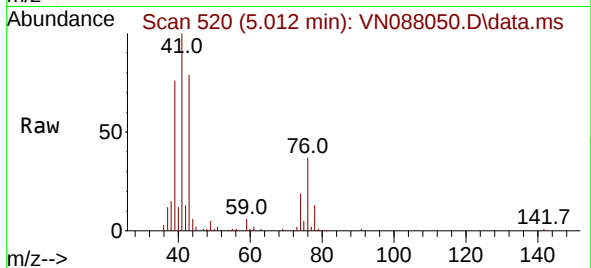




#17
 Allyl chloride
 Concen: 19.570 ug/l
 RT: 5.012 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN088050.D
 Acq: 09 Oct 2025 10:25

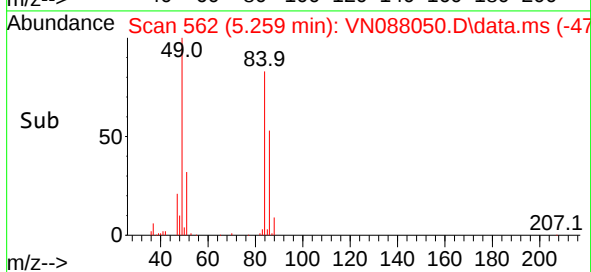
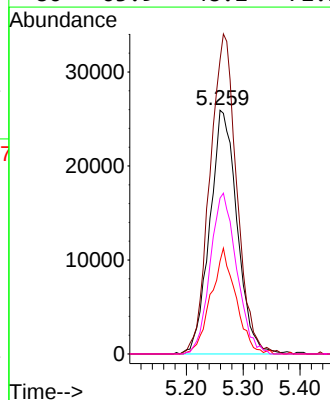
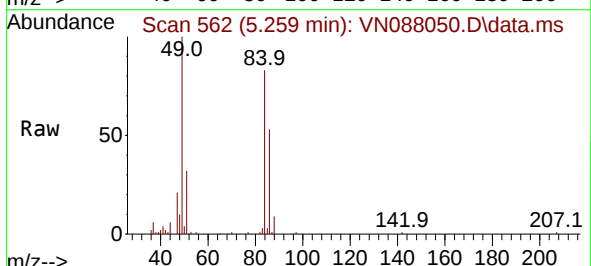
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBSD01

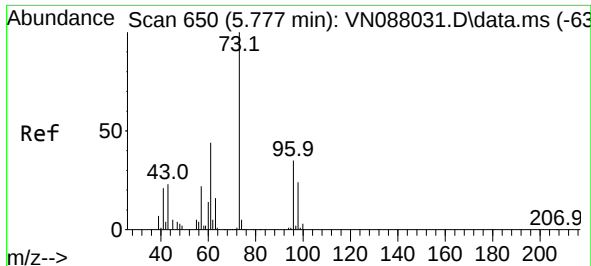
Tgt Ion: 41	Resp: 126601
Ion Ratio	Lower Upper
41	100
39	75.9 36.4 109.2
76	37.1 18.1 54.1



#18
 Methylene Chloride
 Concen: 19.818 ug/l
 RT: 5.259 min Scan# 562
 Delta R.T. 0.000 min
 Lab File: VN088050.D
 Acq: 09 Oct 2025 10:25

Tgt Ion: 84	Resp: 86353
Ion Ratio	Lower Upper
84	100
49	120.7 102.6 153.8
51	38.1 28.6 42.8
86	63.9 48.2 72.2

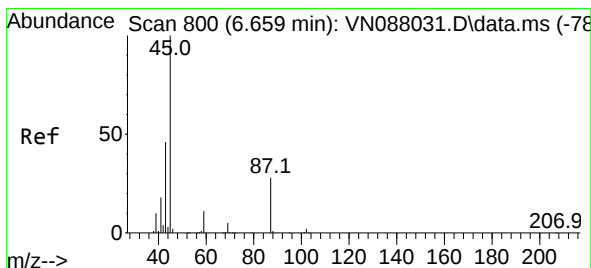
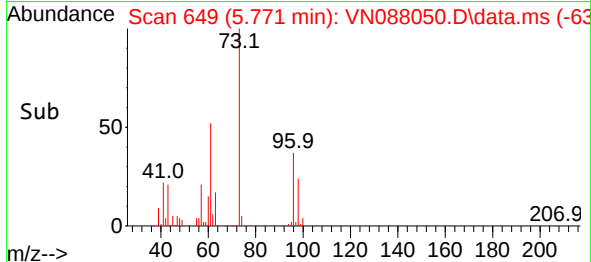
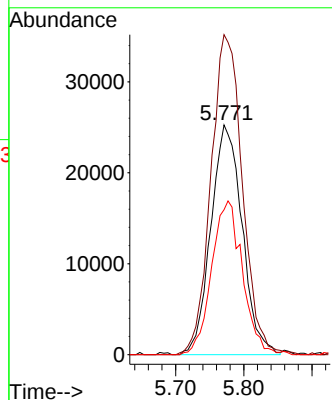
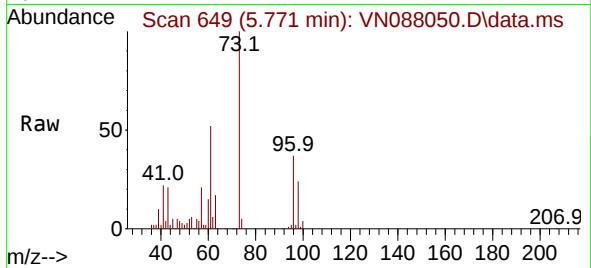




#19
trans-1,2-Dichloroethene
Concen: 20.361 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.006 min
Lab File: VN088050.D
Acq: 09 Oct 2025 10:25

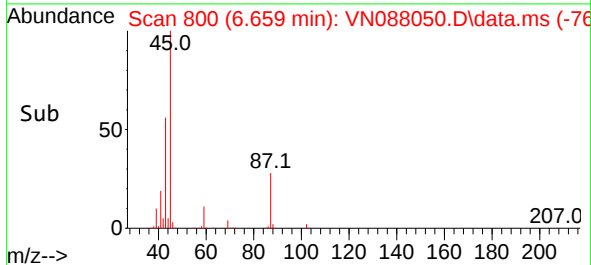
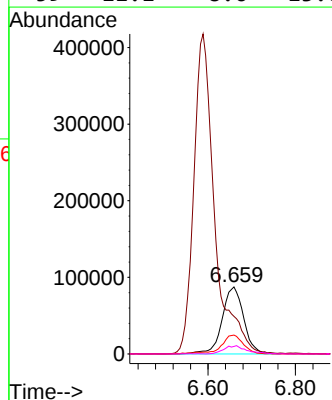
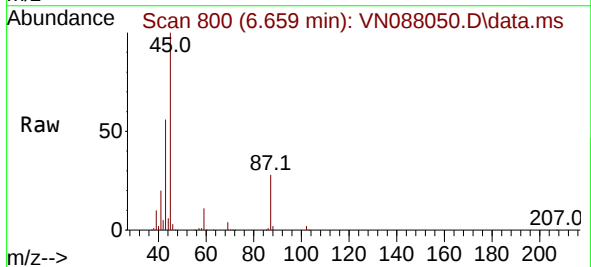
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD01

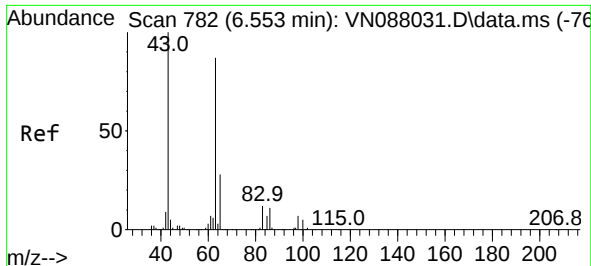
Tgt Ion: 96 Resp: 80703
Ion Ratio Lower Upper
96 100
61 138.4 100.6 151.0
98 63.1 54.0 81.0



#20
Diisopropyl ether
Concen: 20.223 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.000 min
Lab File: VN088050.D
Acq: 09 Oct 2025 10:25

Tgt Ion: 45 Resp: 297834
Ion Ratio Lower Upper
45 100
43 54.6 46.1 69.1
87 28.2 22.3 33.5
59 11.1 8.6 13.0

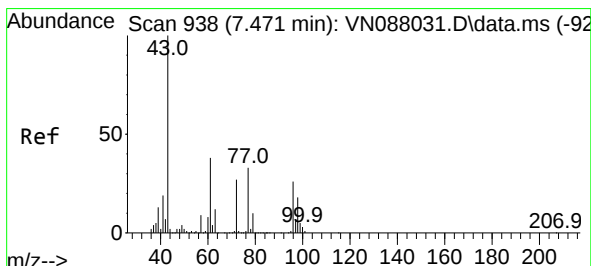
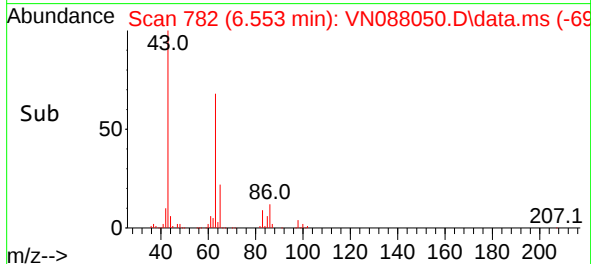
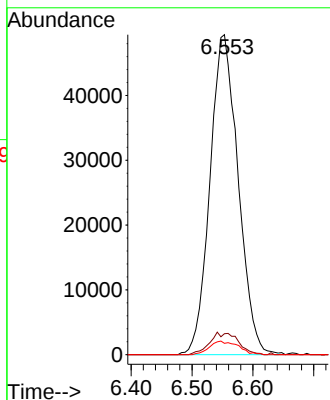
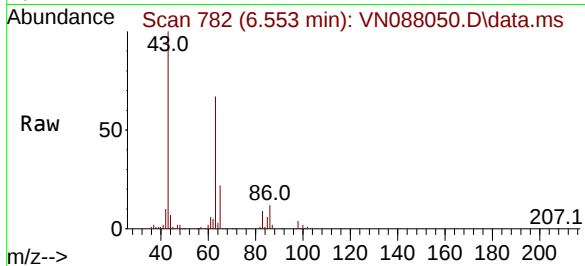




#21
1,1-Dichloroethane
Concen: 20.732 ug/l
RT: 6.553 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN088050.D
Acq: 09 Oct 2025 10:25

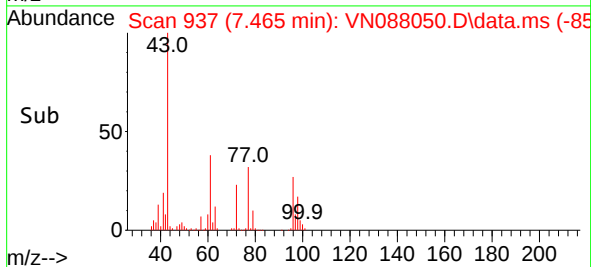
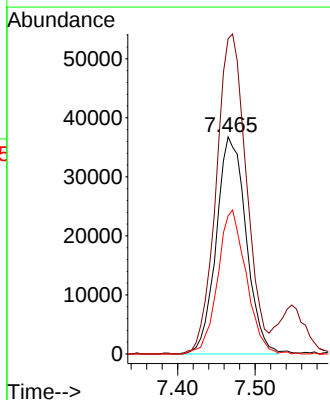
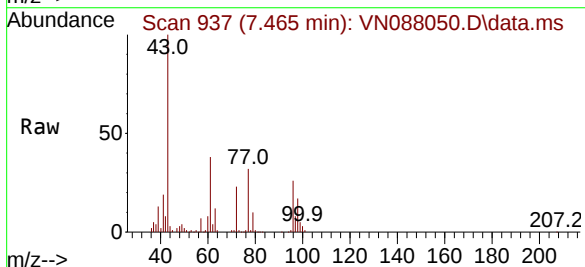
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD01

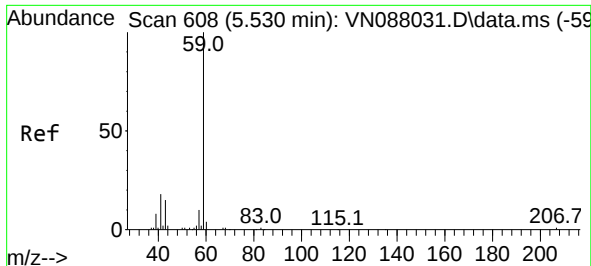
Tgt Ion: 63 Resp: 158954
Ion Ratio Lower Upper
63 100
98 6.6 4.3 12.8
100 3.5 2.6 8.0



#22
cis-1,2-Dichloroethene
Concen: 19.817 ug/l
RT: 7.465 min Scan# 937
Delta R.T. -0.006 min
Lab File: VN088050.D
Acq: 09 Oct 2025 10:25

Tgt Ion: 96 Resp: 98327
Ion Ratio Lower Upper
96 100
61 149.5 117.0 175.6
98 63.2 52.6 79.0

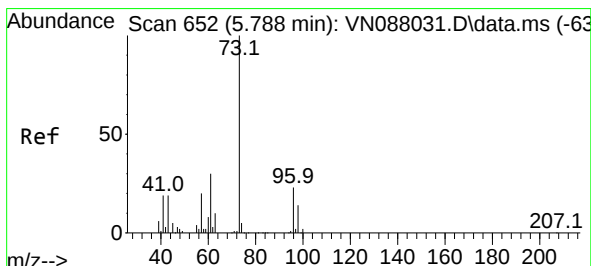
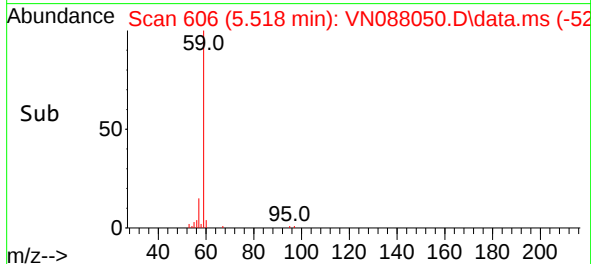
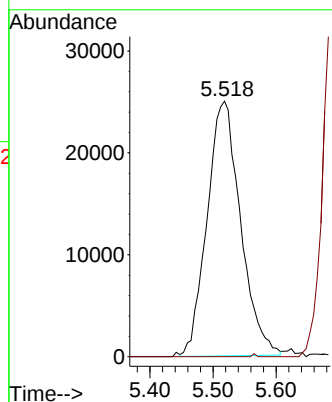
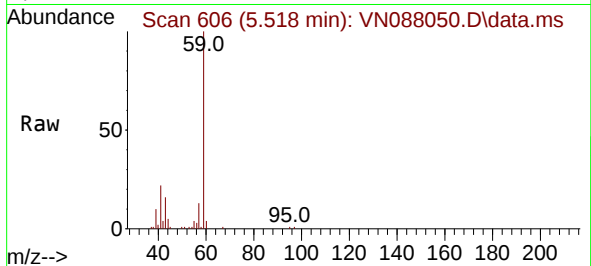




#23
tert-Butyl Alcohol
Concen: 85.395 ug/l
RT: 5.518 min Scan# 608
Delta R.T. -0.012 min
Lab File: VN088050.D
Acq: 09 Oct 2025 10:25

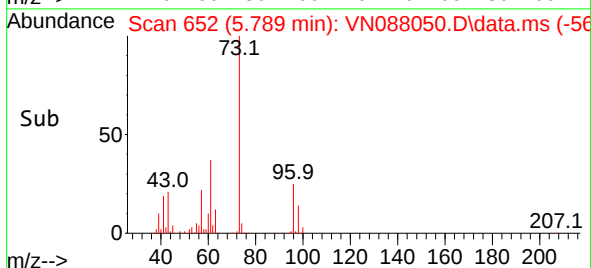
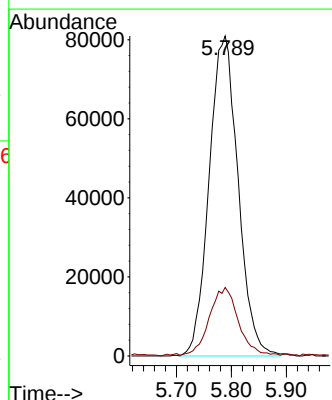
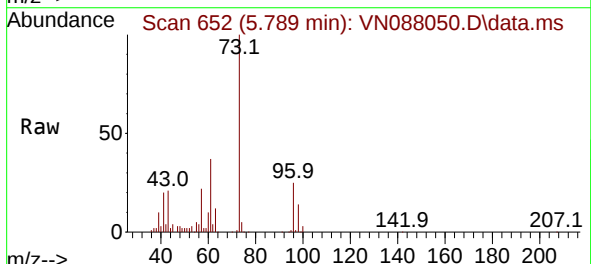
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD01

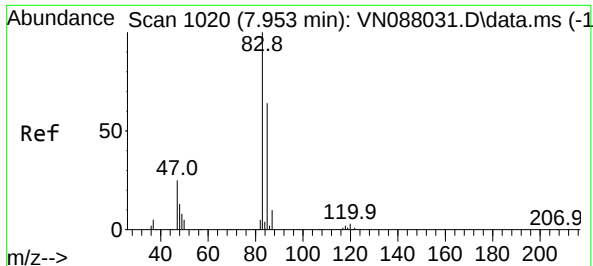
Tgt Ion: 59 Resp: 92116
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 19.996 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN088050.D
Acq: 09 Oct 2025 10:25

Tgt Ion: 73 Resp: 295903
Ion Ratio Lower Upper
73 100
43 20.7 17.0 25.4





#25

Chloroform

Concen: 19.912 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VN088050.D

Acq: 09 Oct 2025 10:25

Instrument :

MSVOA_N

ClientSampleId :

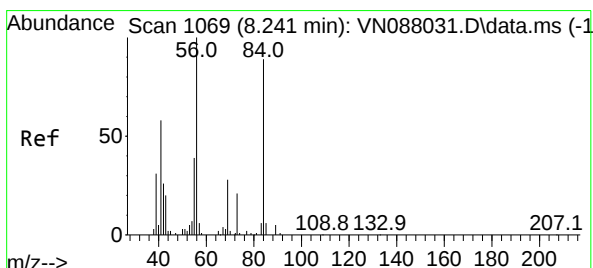
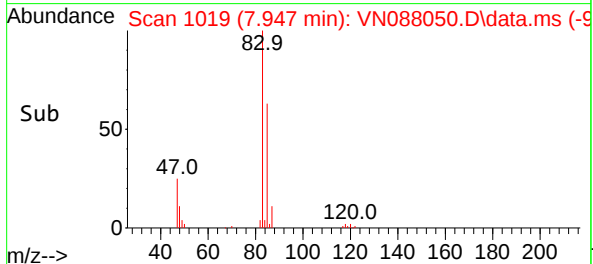
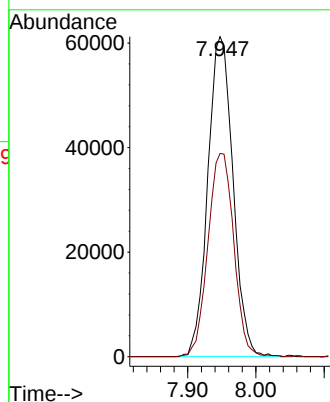
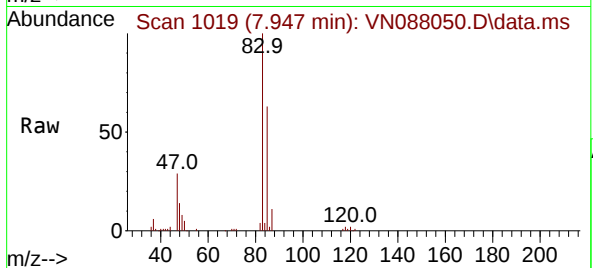
VN1009WBSD01

Tgt Ion: 83 Resp: 157545

Ion Ratio Lower Upper

83 100

85 63.2 50.9 76.3



#26

Cyclohexane

Concen: 21.781 ug/l

RT: 8.241 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VN088050.D

Acq: 09 Oct 2025 10:25

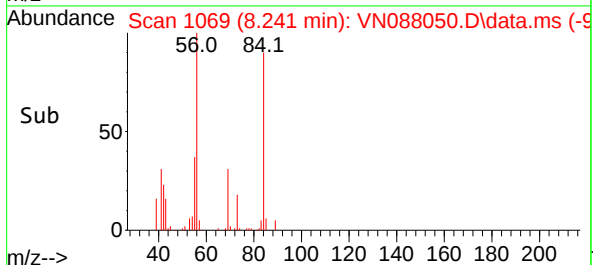
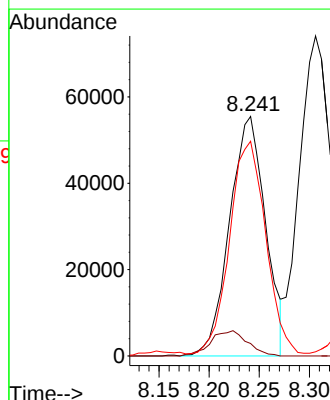
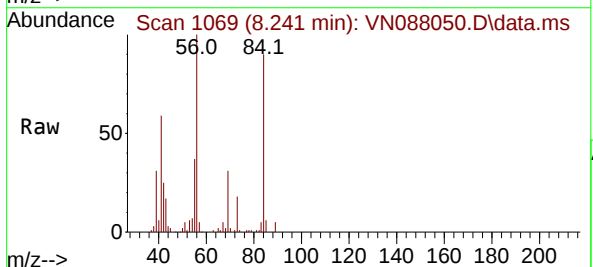
Tgt Ion: 56 Resp: 138359

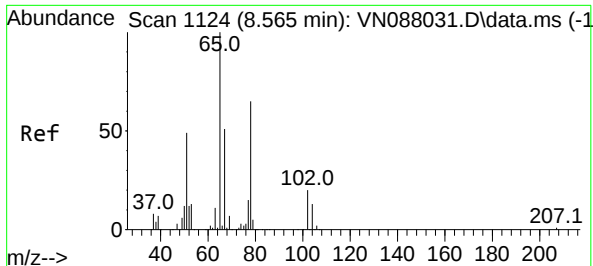
Ion Ratio Lower Upper

56 100

89 10.8 8.6 12.8

84 89.5 69.6 104.4

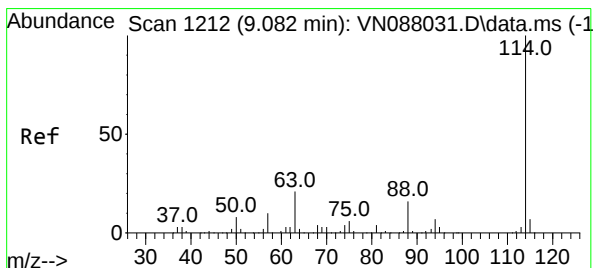
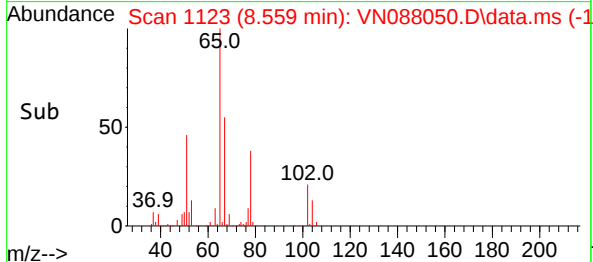
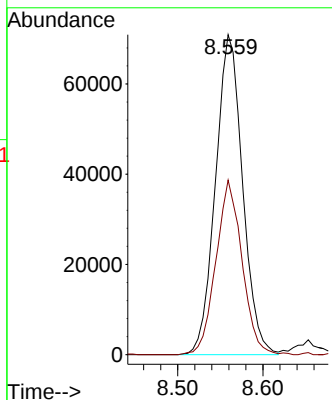
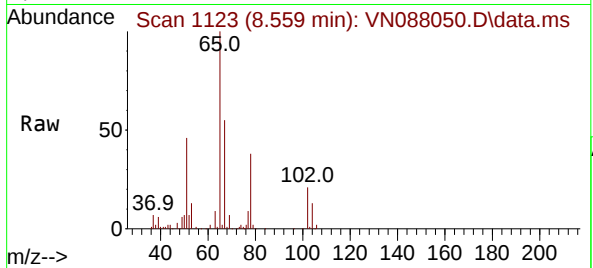




#27
1,2-Dichloroethane-d4
Concen: 30.874 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.006 min
Lab File: VN088050.D
Acq: 09 Oct 2025 10:25

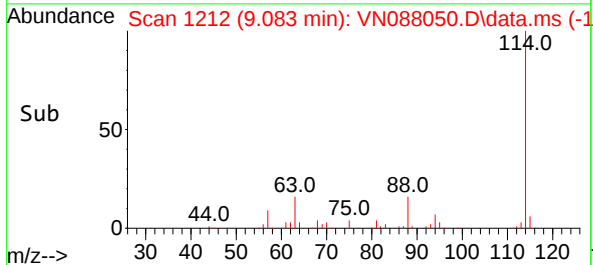
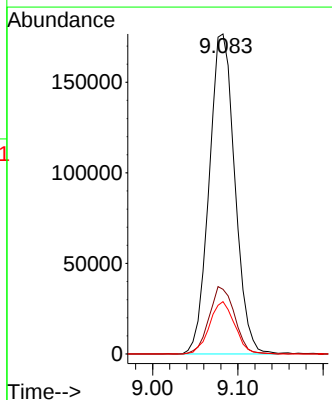
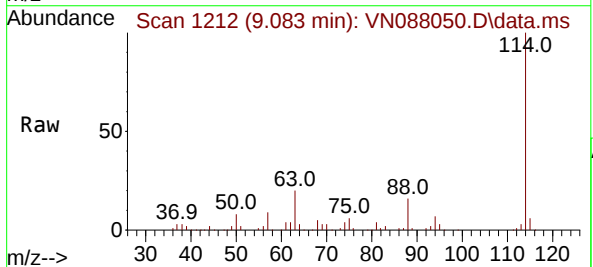
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD01

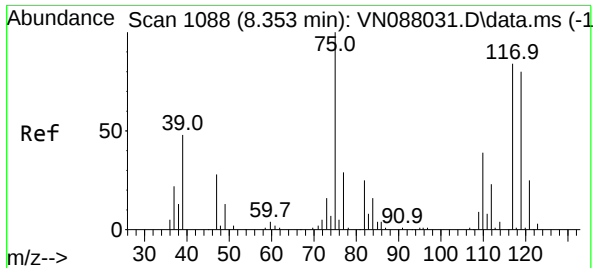
Tgt Ion: 65 Resp: 156754
Ion Ratio Lower Upper
65 100
67 52.5 41.9 62.9



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.083 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN088050.D
Acq: 09 Oct 2025 10:25

Tgt Ion: 114 Resp: 370341
Ion Ratio Lower Upper
114 100
63 20.9 16.6 25.0
88 16.1 12.6 18.8

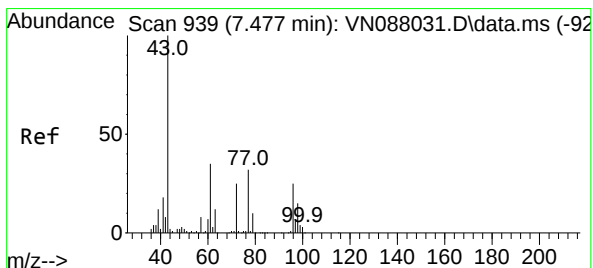
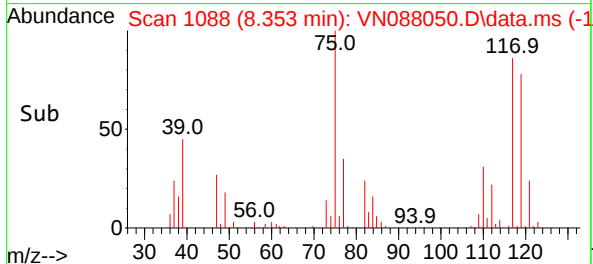
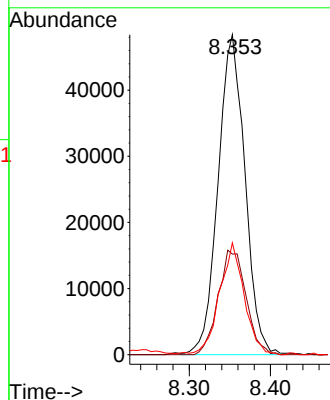
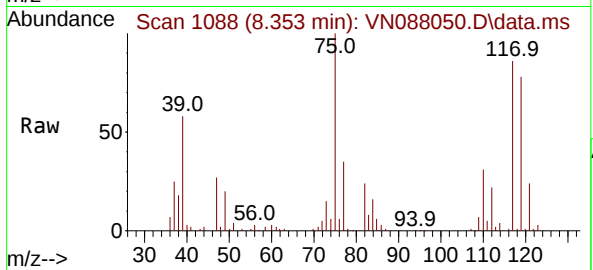




#29
1,1-Dichloropropene
Concen: 20.968 ug/l
RT: 8.353 min Scan# 111305
Delta R.T. 0.000 min
Lab File: VN088050.D
Acq: 09 Oct 2025 10:25

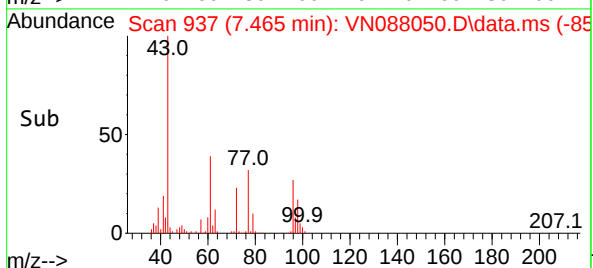
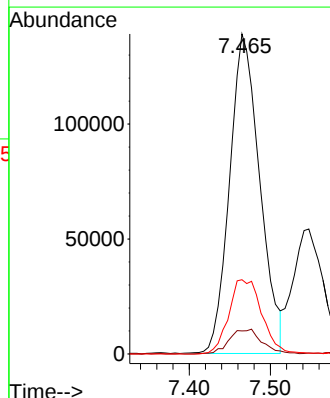
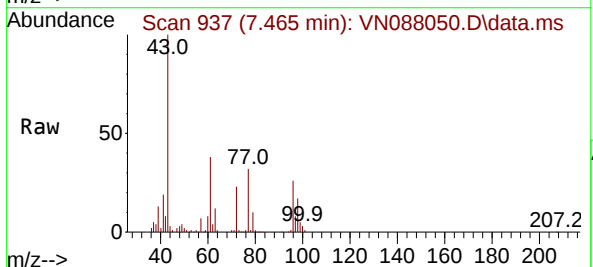
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD01

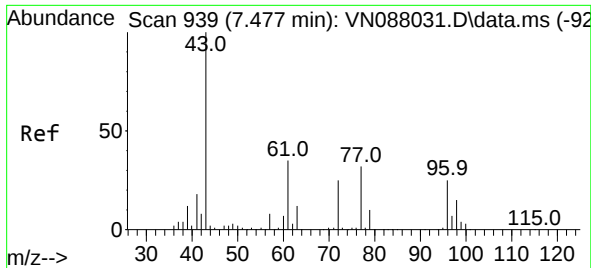
Tgt Ion: 75 Resp: 111305
Ion Ratio Lower Upper
75 100
110 33.9 0.0 72.2
77 31.9 0.0 60.6



#30
2-Butanone
Concen: 91.839 ug/l
RT: 7.465 min Scan# 937
Delta R.T. -0.012 min
Lab File: VN088050.D
Acq: 09 Oct 2025 10:25

Tgt Ion: 43 Resp: 359565
Ion Ratio Lower Upper
43 100
57 3.9 6.5 9.7#
72 14.8 21.4 32.2#

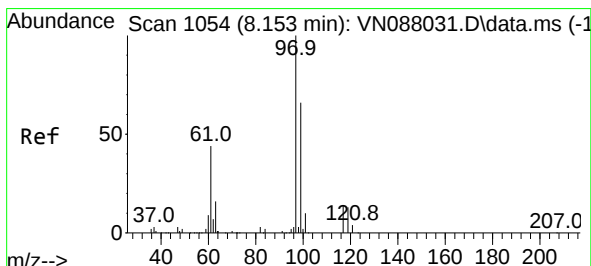
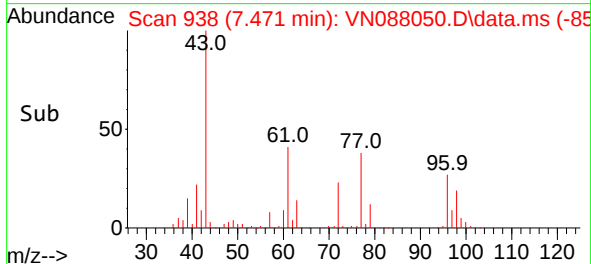
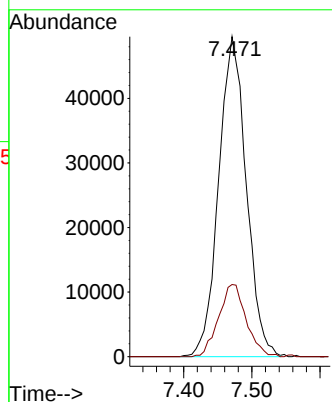
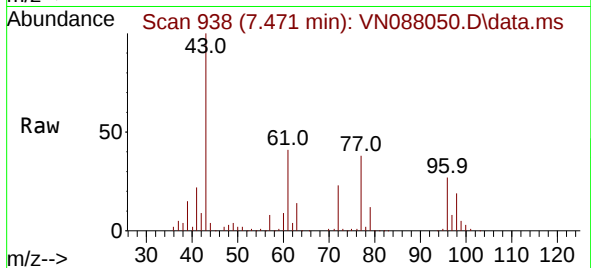




#31
2,2-Dichloropropane
Concen: 20.415 ug/l
RT: 7.471 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN088050.D
Acq: 09 Oct 2025 10:25

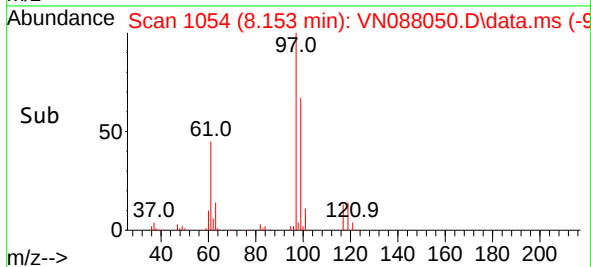
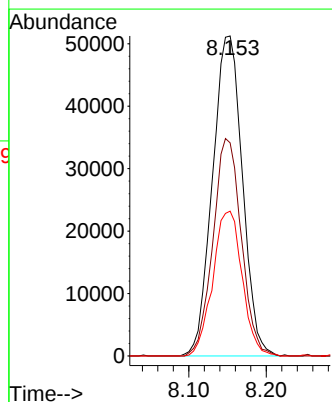
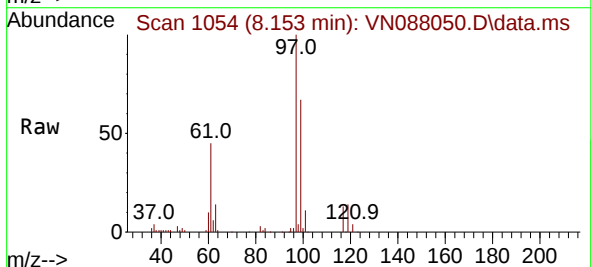
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD01

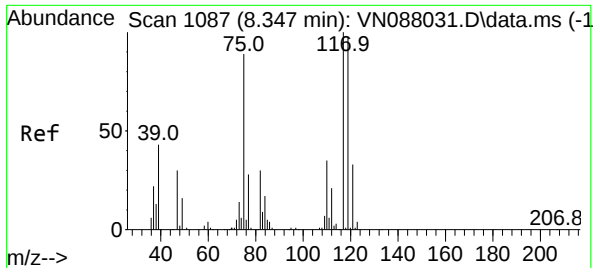
Tgt Ion: 77 Resp: 139636
Ion Ratio Lower Upper
77 100
97 22.4 17.8 26.8



#32
1,1,1-Trichloroethane
Concen: 20.744 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN088050.D
Acq: 09 Oct 2025 10:25

Tgt Ion: 97 Resp: 137601
Ion Ratio Lower Upper
97 100
99 64.4 51.4 77.2
61 44.4 34.7 52.1

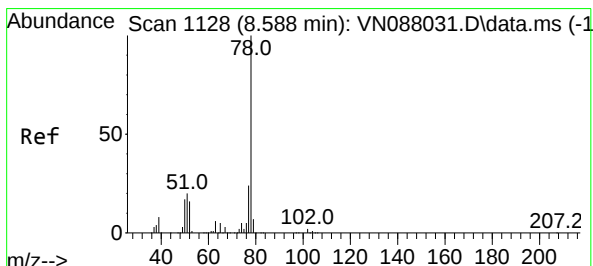
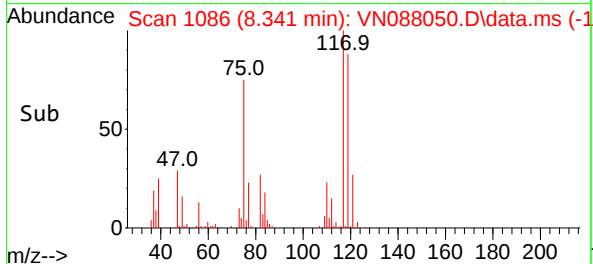
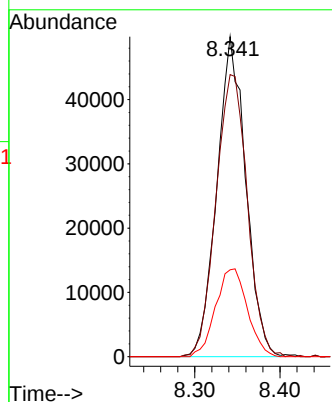
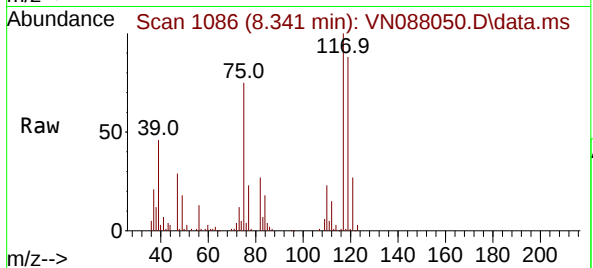




#33
Carbon Tetrachloride
Concen: 21.009 ug/l
RT: 8.341 min Scan# 1107
Delta R.T. -0.006 min
Lab File: VN088050.D
Acq: 09 Oct 2025 10:25

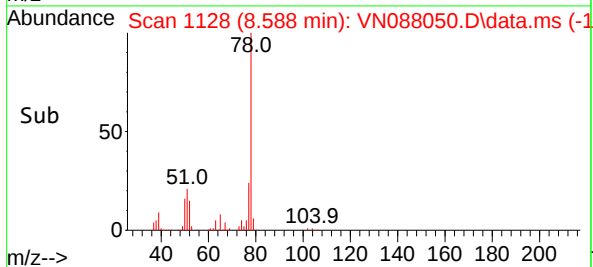
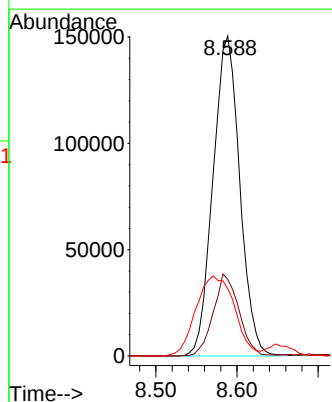
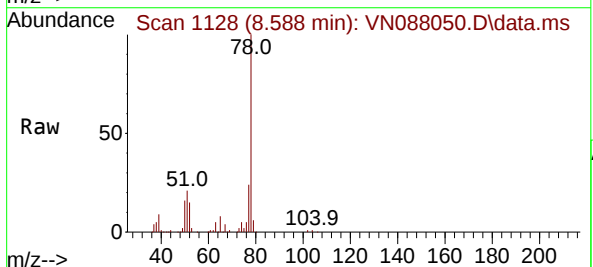
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD01

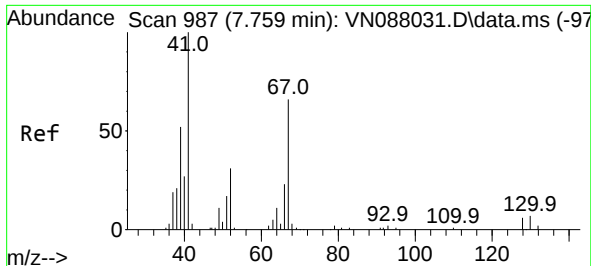
Tgt Ion:117 Resp: 116726
Ion Ratio Lower Upper
117 100
119 88.1 77.9 116.9
121 27.1 26.4 39.6



#34
Benzene
Concen: 19.588 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN088050.D
Acq: 09 Oct 2025 10:25

Tgt Ion: 78 Resp: 344907
Ion Ratio Lower Upper
78 100
77 24.0 18.9 28.3
51 19.0 15.6 23.4

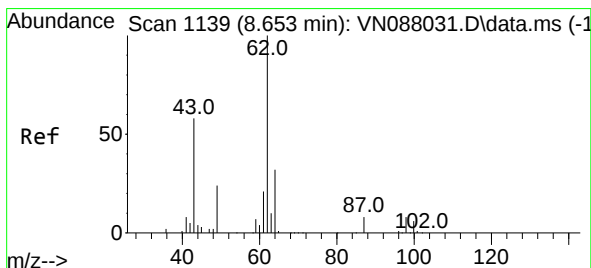
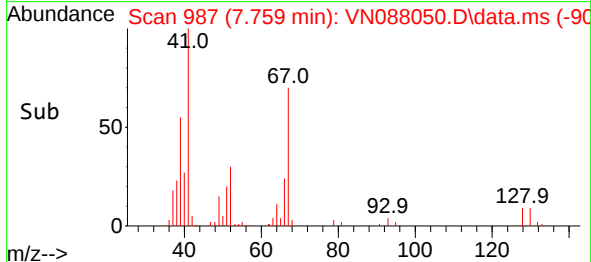
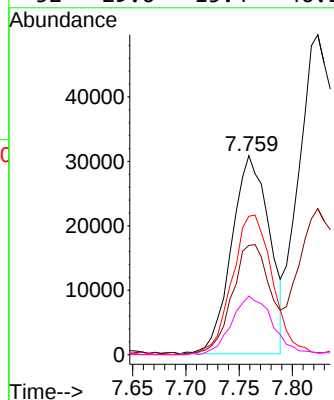
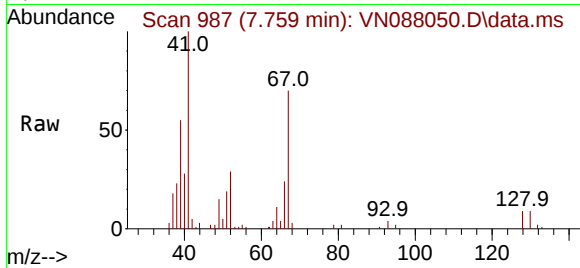




#35
Methacrylonitrile
Concen: 18.499 ug/l
RT: 7.759 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088050.D
Acq: 09 Oct 2025 10:25

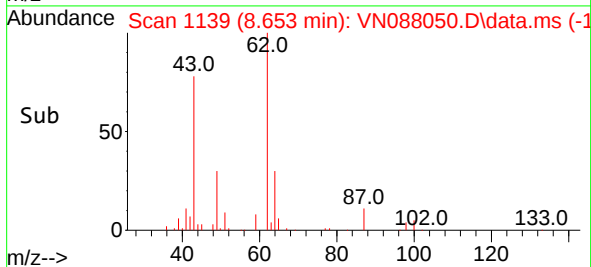
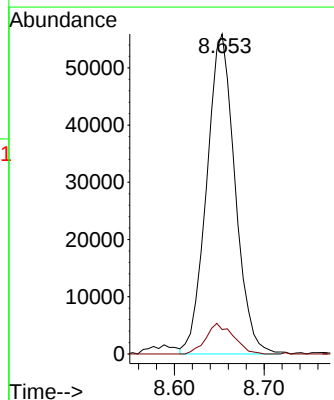
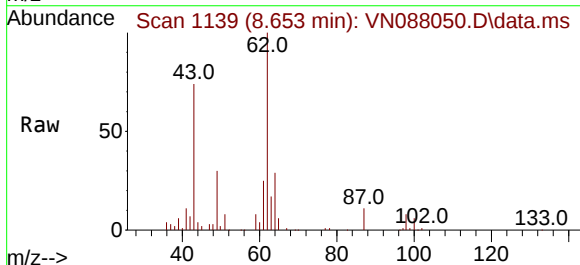
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD01

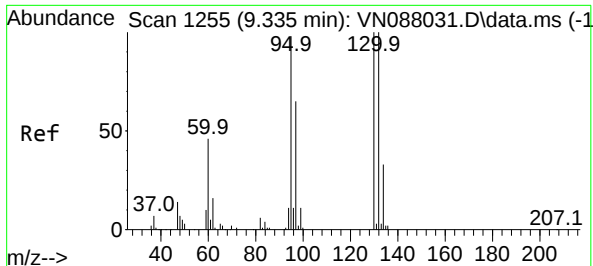
Tgt Ion:	41	Resp:	76164
Ion	Ratio	Lower	Upper
41	100		
39	55.2	26.1	78.3
67	69.9	33.1	99.2
52	29.6	15.4	46.1



#36
1,2-Dichloroethane
Concen: 20.073 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN088050.D
Acq: 09 Oct 2025 10:25

Tgt Ion:	62	Resp:	122699
Ion	Ratio	Lower	Upper
62	100		
98	9.2	7.8	11.6





#37

Trichloroethene

Concen: 19.281 ug/l

RT: 9.335 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN088050.D

Acq: 09 Oct 2025 10:25

Instrument :

MSVOA_N

ClientSampleId :

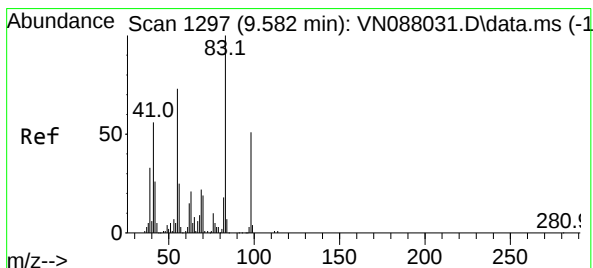
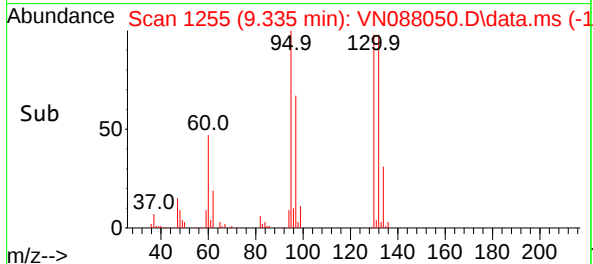
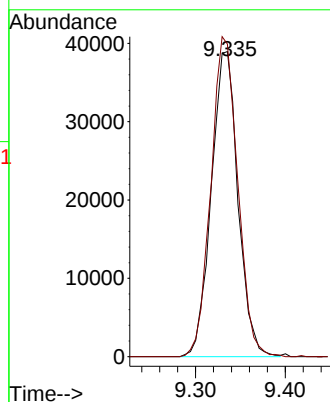
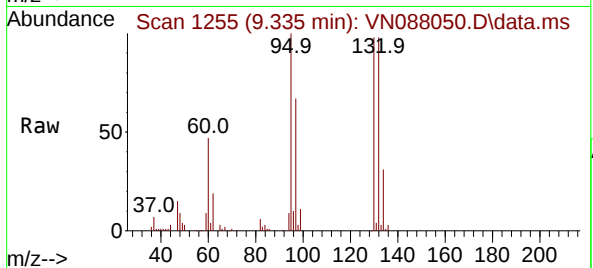
VN1009WBSD01

Tgt Ion:130 Resp: 80433

Ion Ratio Lower Upper

130 100

95 102.5 78.7 118.1



#38

Methylcyclohexane

Concen: 22.110 ug/l

RT: 9.577 min Scan# 1296

Delta R.T. -0.006 min

Lab File: VN088050.D

Acq: 09 Oct 2025 10:25

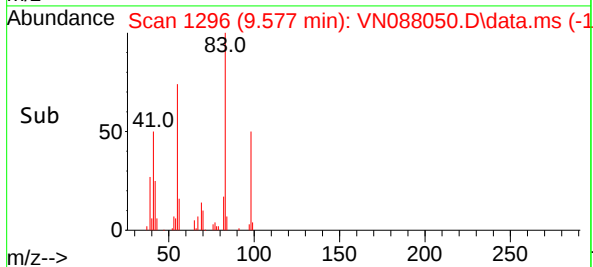
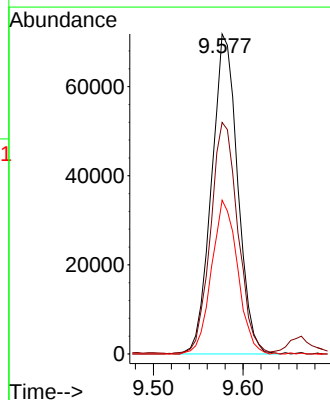
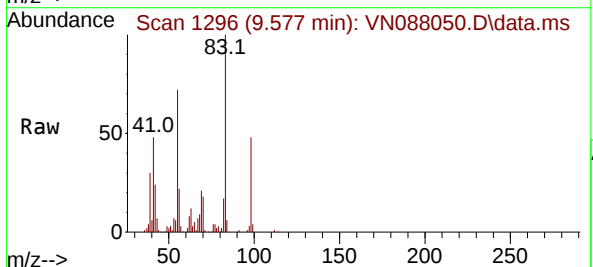
Tgt Ion: 83 Resp: 144946

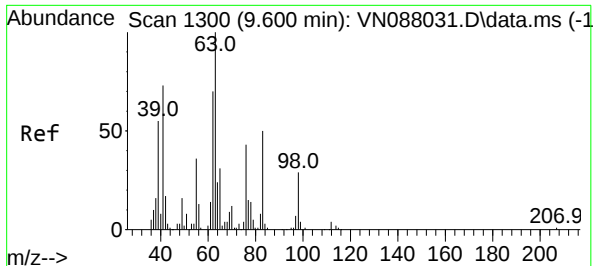
Ion Ratio Lower Upper

83 100

55 76.0 37.3 111.9

98 48.0 25.4 76.0

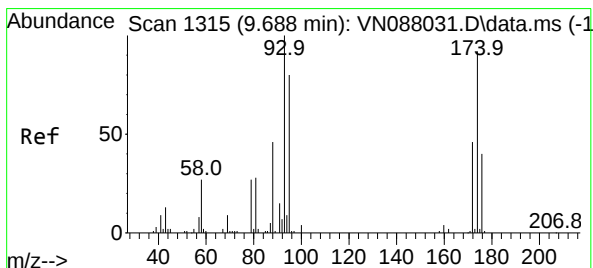
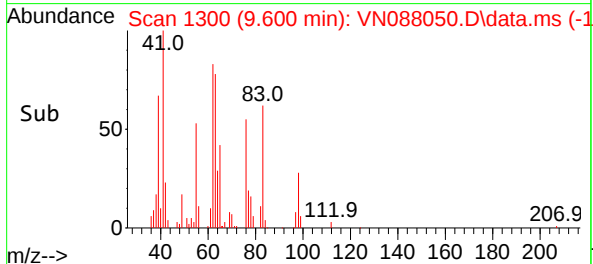
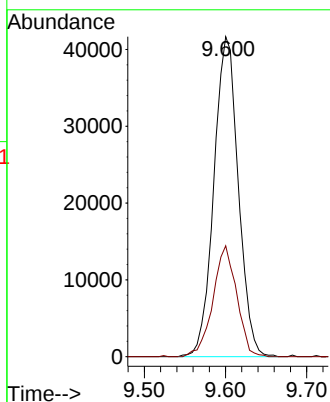
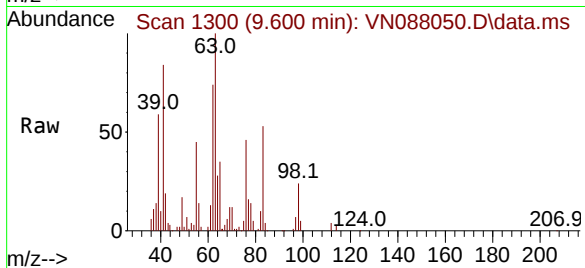




#39
1,2-Dichloropropane
Concen: 19.739 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN088050.D
Acq: 09 Oct 2025 10:25

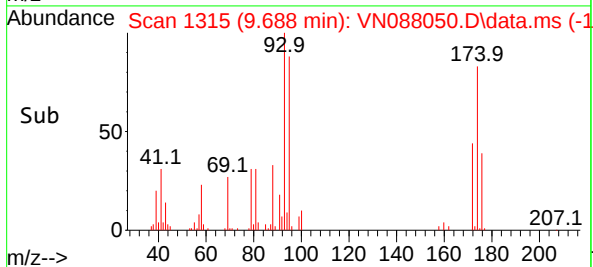
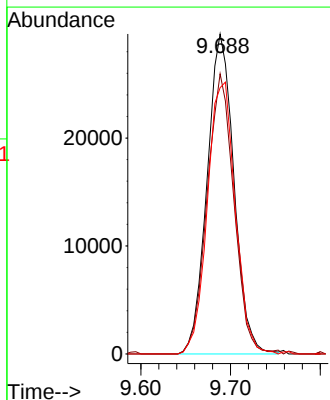
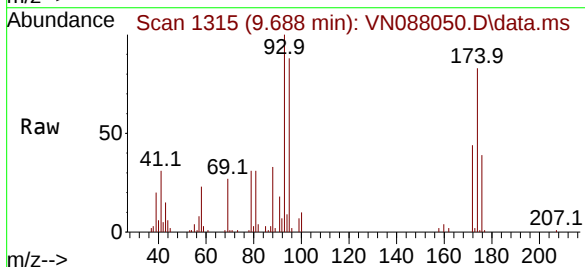
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD01

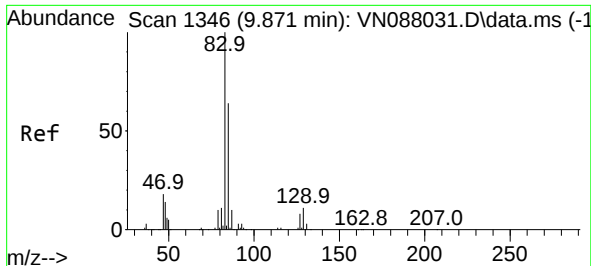
Tgt Ion: 63 Resp: 87148
Ion Ratio Lower Upper
63 100
65 34.6 25.0 37.6



#40
Dibromomethane
Concen: 19.188 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN088050.D
Acq: 09 Oct 2025 10:25

Tgt Ion: 93 Resp: 61666
Ion Ratio Lower Upper
93 100
95 87.3 0.0 158.6
174 88.2 0.0 180.8

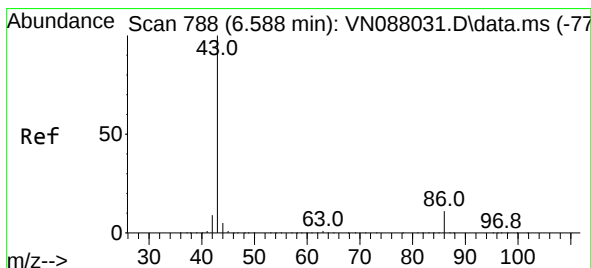
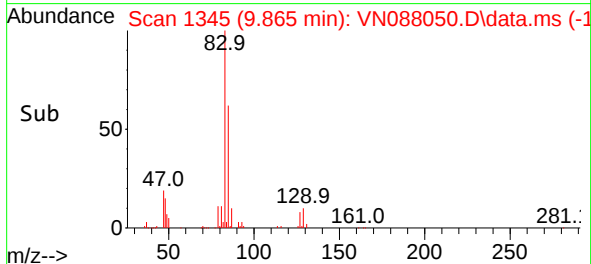
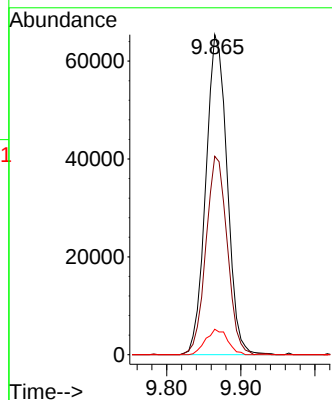
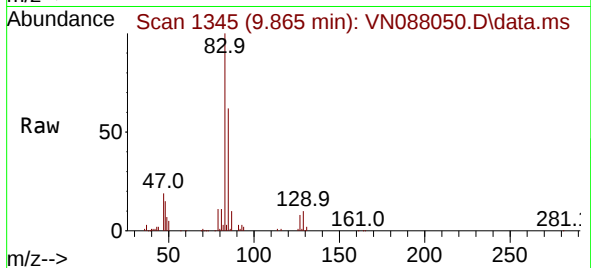




#41
Bromodichloromethane
Concen: 19.890 ug/l
RT: 9.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088050.D
Acq: 09 Oct 2025 10:25

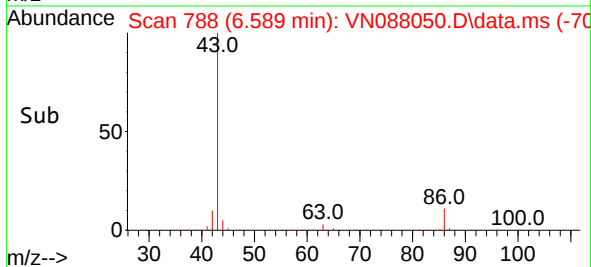
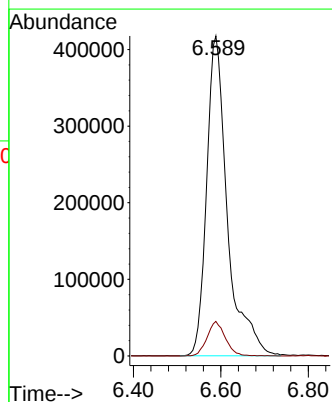
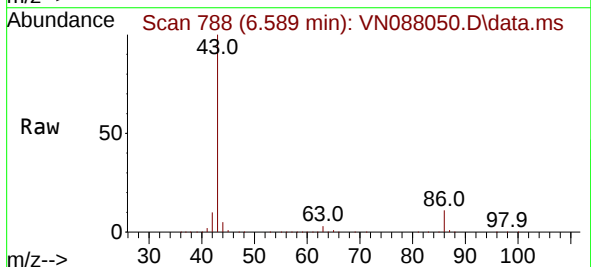
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD01

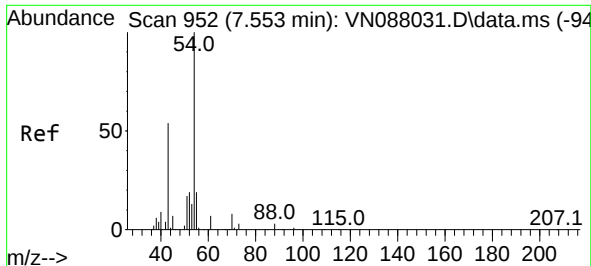
Tgt Ion: 83 Resp: 130554
Ion Ratio Lower Upper
83 100
85 62.0 51.0 76.4
127 8.0 6.1 9.1



#42
Vinyl Acetate
Concen: 103.536 ug/l
RT: 6.589 min Scan# 788
Delta R.T. 0.000 min
Lab File: VN088050.D
Acq: 09 Oct 2025 10:25

Tgt Ion: 43 Resp: 1380938
Ion Ratio Lower Upper
43 100
86 9.5 8.4 12.6

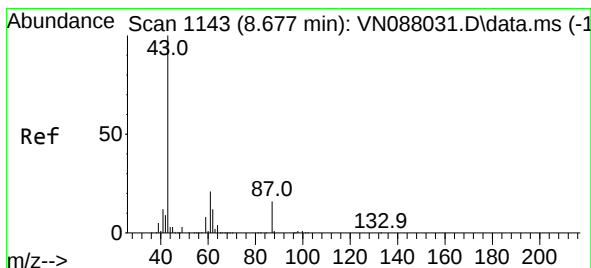
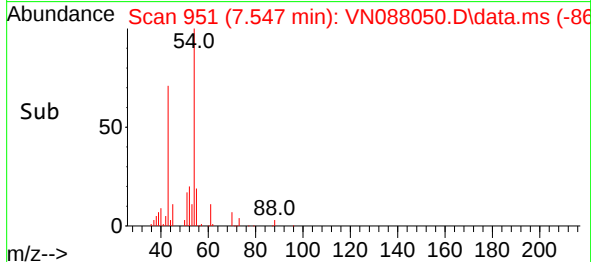
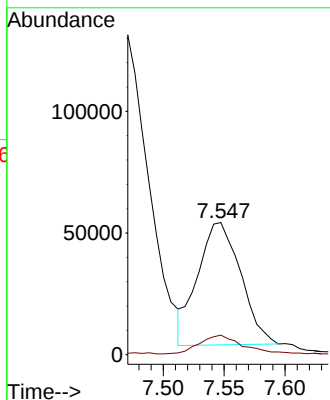
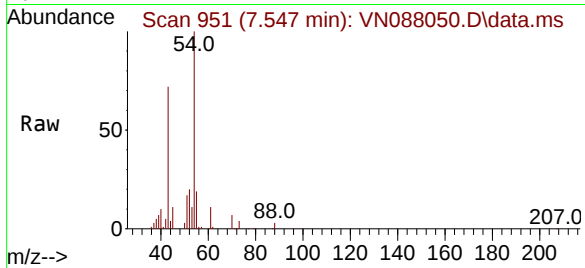




#43
Ethyl Acetate
Concen: 16.403 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN088050.D
Acq: 09 Oct 2025 10:25

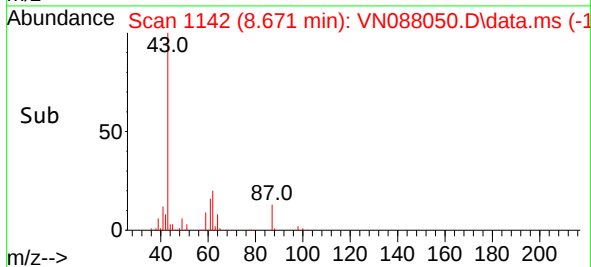
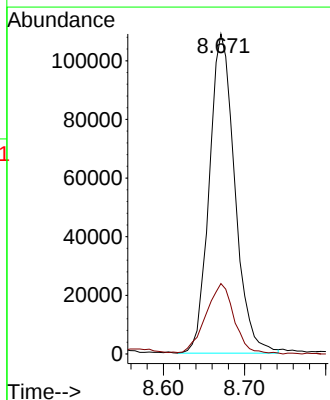
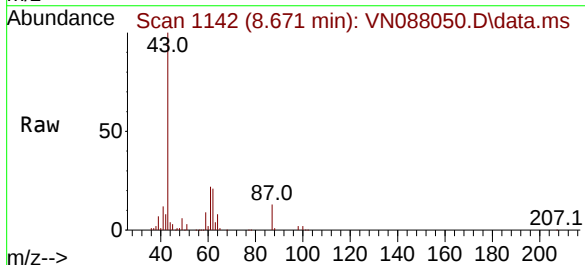
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD01

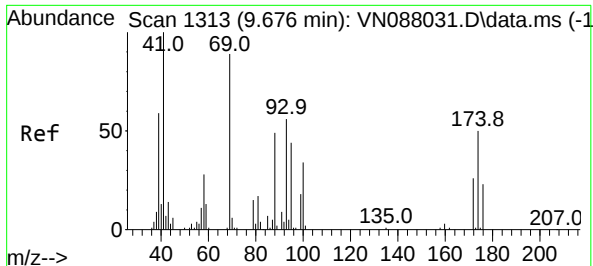
Tgt Ion: 43 Resp: 123449
Ion Ratio Lower Upper
43 100
45 17.7 10.2 15.4#



#44
Isopropyl Acetate
Concen: 19.346 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN088050.D
Acq: 09 Oct 2025 10:25

Tgt Ion: 43 Resp: 237802
Ion Ratio Lower Upper
43 100
61 23.7 18.7 28.1





#45

1,4-Dioxane

Concen: 342.868 ug/l

RT: 9.682 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN088050.D

Acq: 09 Oct 2025 10:25

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBSD01

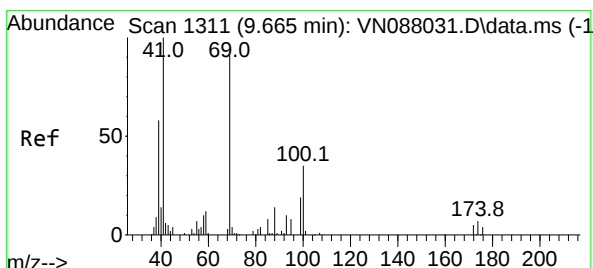
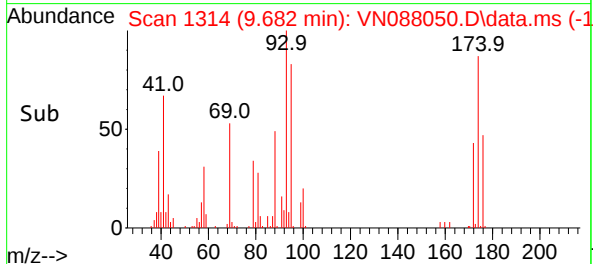
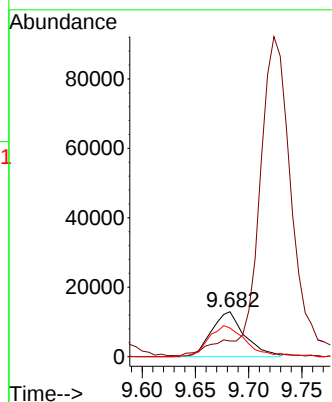
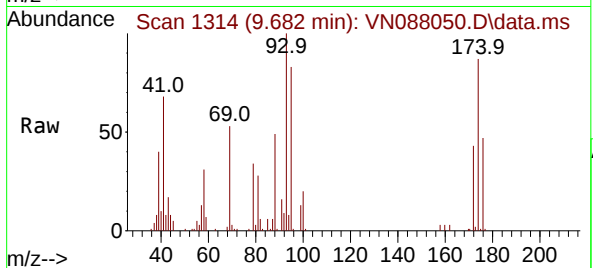
Tgt Ion: 88 Resp: 28031

Ion Ratio Lower Upper

88 100

43 31.7 18.6 27.8#

58 77.4 57.4 86.2



#46

Methyl methacrylate

Concen: 19.563 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VN088050.D

Acq: 09 Oct 2025 10:25

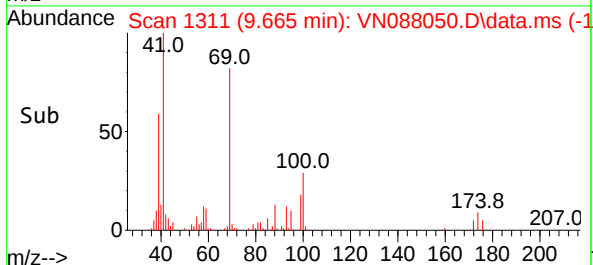
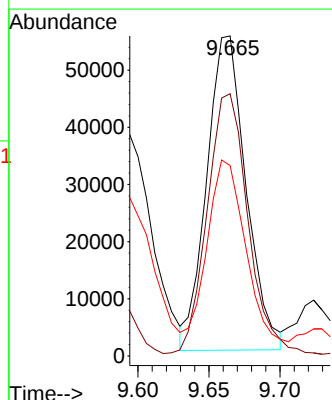
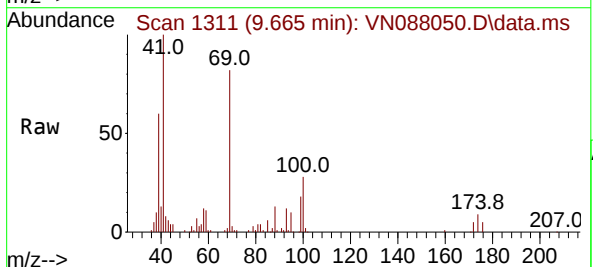
Tgt Ion: 41 Resp: 105901

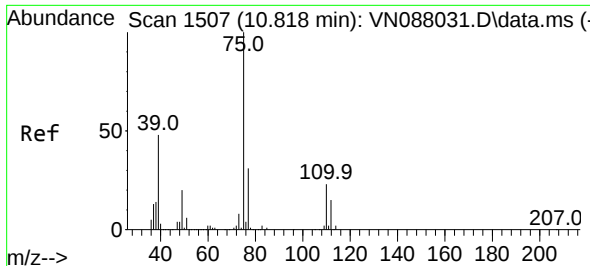
Ion Ratio Lower Upper

41 100

69 86.5 44.9 134.7

39 58.6 30.3 90.8

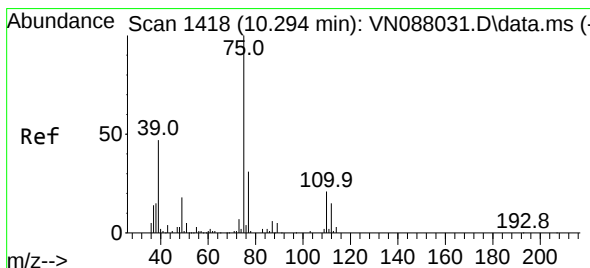
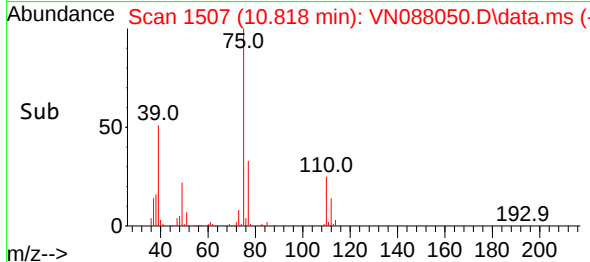
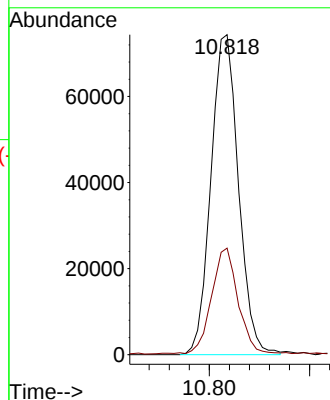
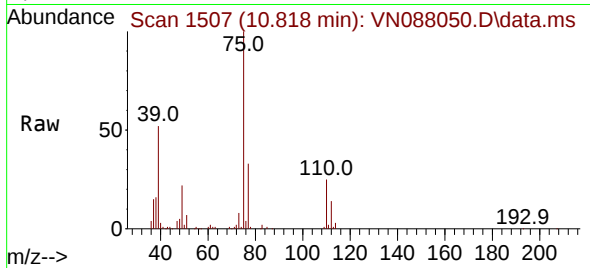




#48
 t-1,3-Dichloropropene
 Concen: 19.466 ug/l
 RT: 10.818 min Scan# 1507
 Delta R.T. 0.000 min
 Lab File: VN088050.D
 Acq: 09 Oct 2025 10:25

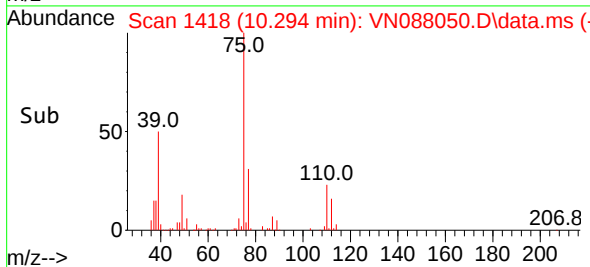
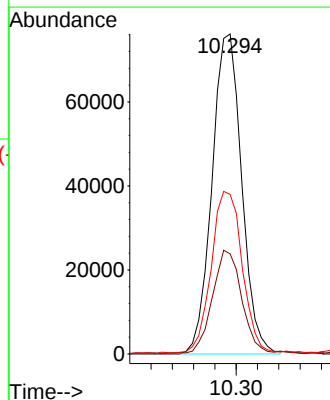
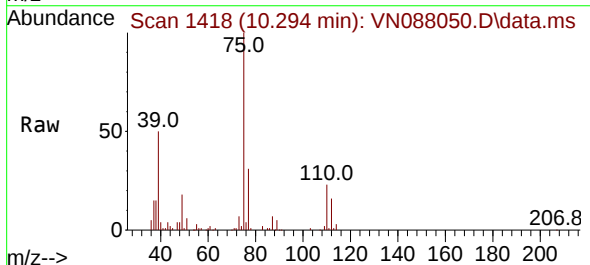
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBSD01

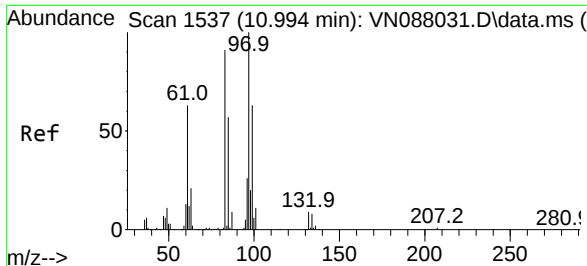
Tgt Ion: 75 Resp: 142074
 Ion Ratio Lower Upper
 75 100
 77 32.7 24.5 36.7



#49
 cis-1,3-Dichloropropene
 Concen: 19.312 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VN088050.D
 Acq: 09 Oct 2025 10:25

Tgt Ion: 75 Resp: 147026
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.0 37.4
 39 49.3 37.4 56.0

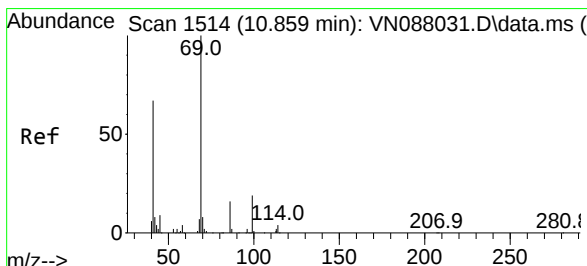
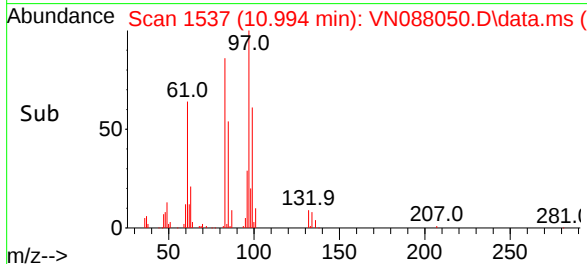
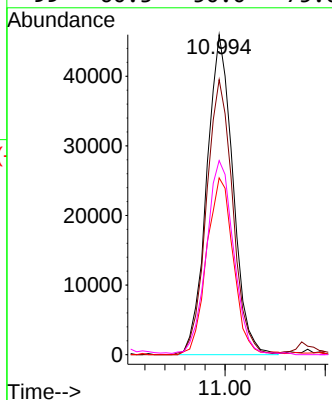
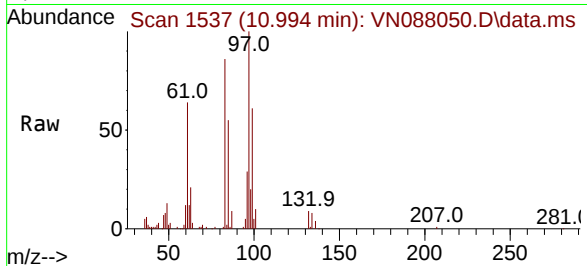




#50
 1,1,2-Trichloroethane
 Concen: 19.591 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. 0.000 min
 Lab File: VN088050.D
 Acq: 09 Oct 2025 10:25

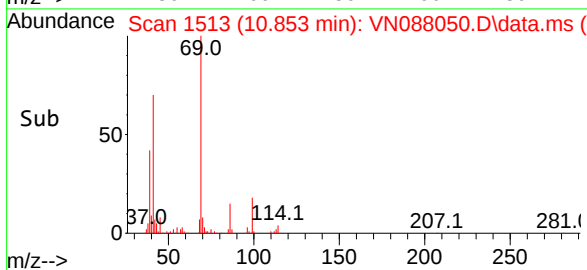
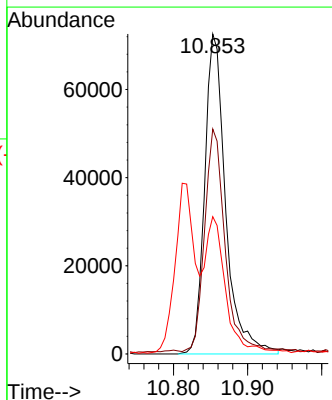
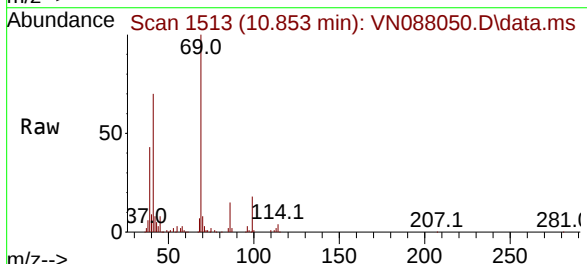
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBSD01

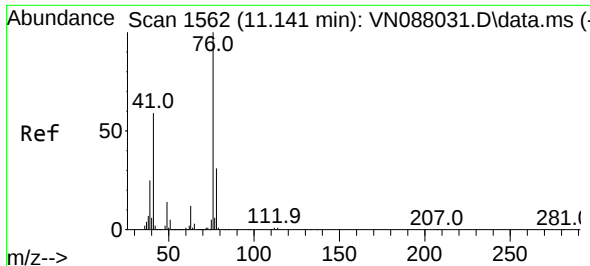
Tgt Ion:	97	Resp:	83376
Ion	Ratio	Lower	Upper
97	100		
83	85.4	72.5	108.7
85	55.3	45.5	68.3
99	60.3	50.0	75.0



#51
 Ethyl methacrylate
 Concen: 19.790 ug/l
 RT: 10.853 min Scan# 1513
 Delta R.T. -0.006 min
 Lab File: VN088050.D
 Acq: 09 Oct 2025 10:25

Tgt Ion:	69	Resp:	142543
Ion	Ratio	Lower	Upper
69	100		
41	69.4	33.3	99.8
39	41.8	20.3	61.0

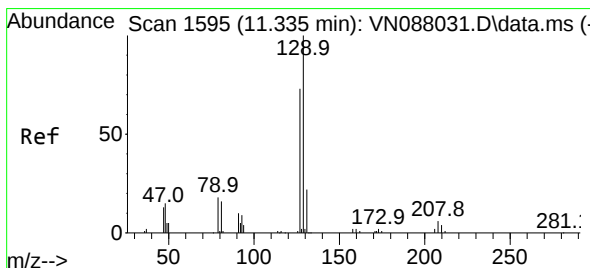
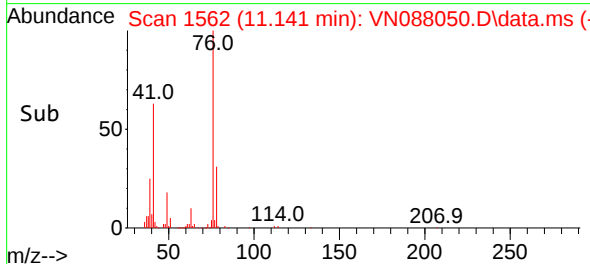
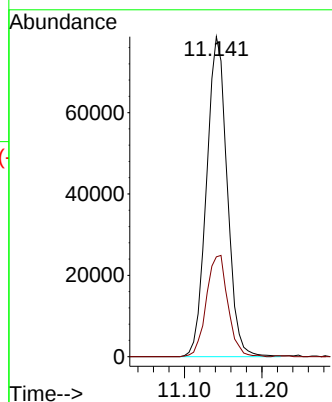
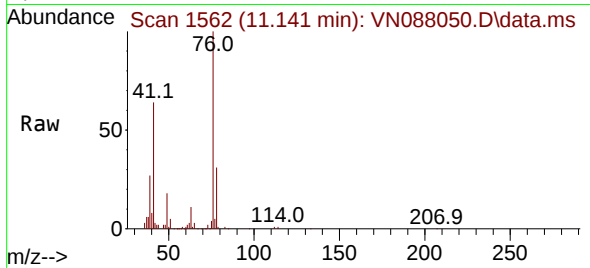




#52
1,3-Dichloropropane
Concen: 19.573 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN088050.D
Acq: 09 Oct 2025 10:25

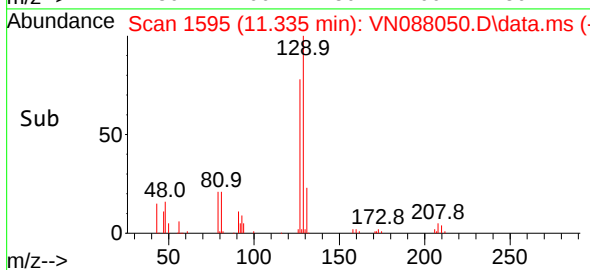
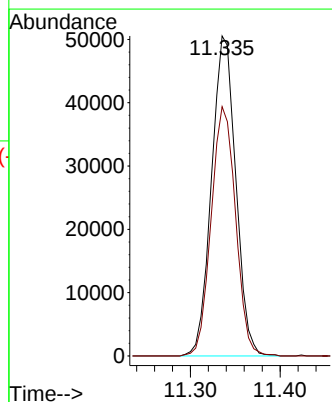
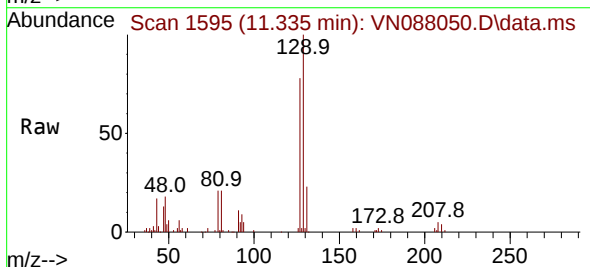
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD01

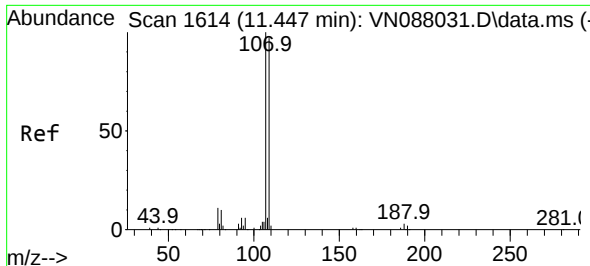
Tgt Ion: 76 Resp: 145334
Ion Ratio Lower Upper
76 100
78 33.1 0.0 65.0



#53
Dibromochloromethane
Concen: 18.671 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN088050.D
Acq: 09 Oct 2025 10:25

Tgt Ion: 129 Resp: 94997
Ion Ratio Lower Upper
129 100
127 78.1 39.1 117.3

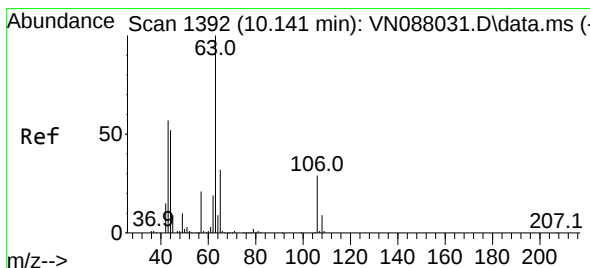
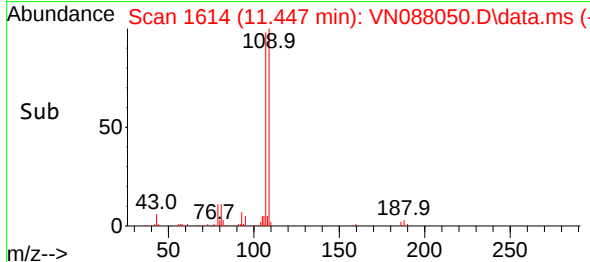
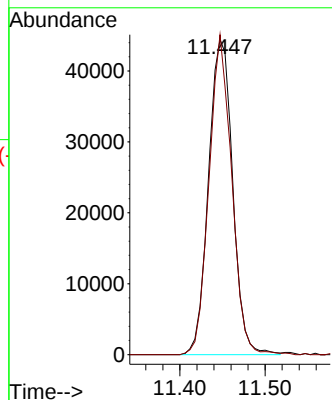
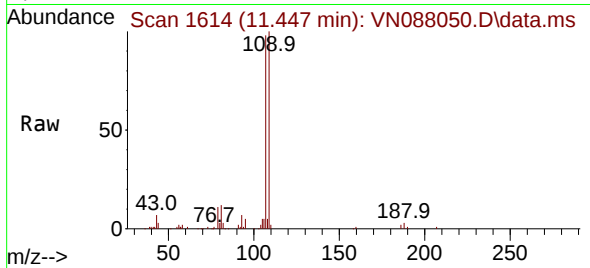




#54
1,2-Dibromoethane
Concen: 19.229 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN088050.D
Acq: 09 Oct 2025 10:25

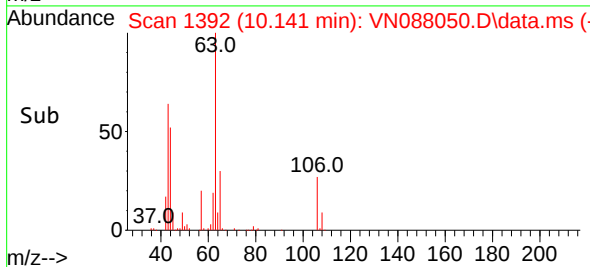
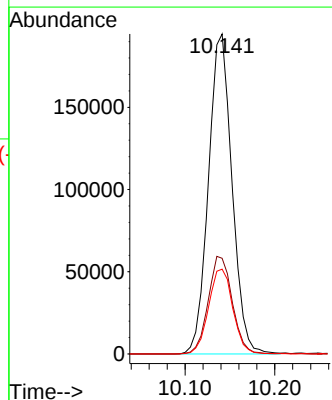
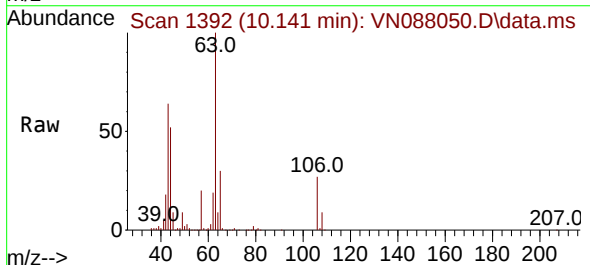
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD01

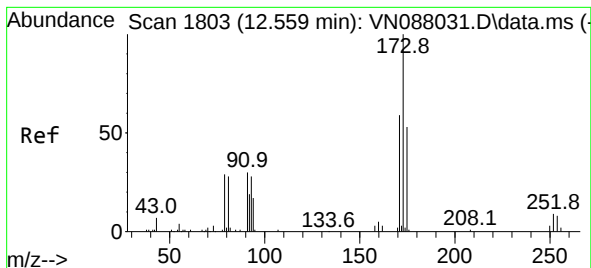
Tgt Ion:107 Resp: 87493
Ion Ratio Lower Upper
107 100
109 94.6 75.5 113.3



#55
2-Chloroethyl vinyl ether
Concen: 91.306 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN088050.D
Acq: 09 Oct 2025 10:25

Tgt Ion: 63 Resp: 354980
Ion Ratio Lower Upper
63 100
65 31.0 25.7 38.5
106 27.3 22.6 34.0





#56

Bromoform

Concen: 17.909 ug/l

RT: 12.559 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN088050.D

Acq: 09 Oct 2025 10:25

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBSD01

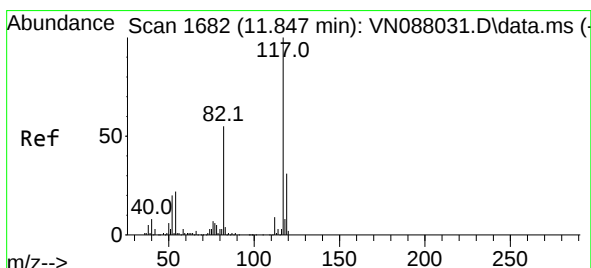
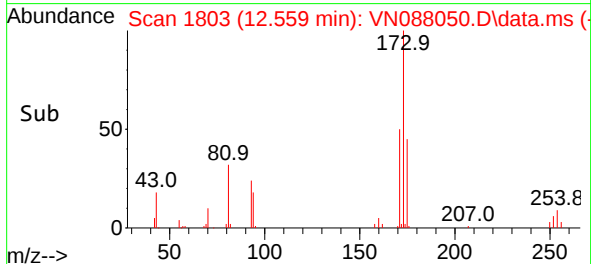
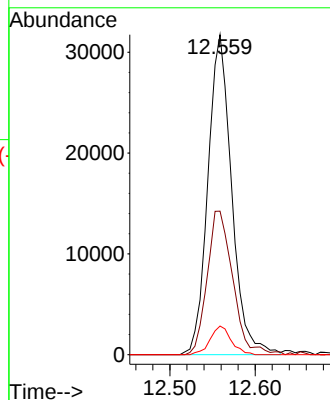
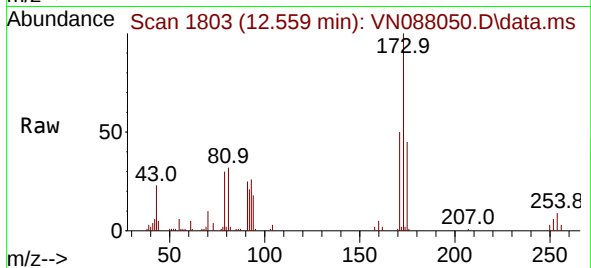
Tgt Ion:173 Resp: 61605

Ion Ratio Lower Upper

173 100

175 46.6 39.6 59.4

254 7.9 6.6 10.0



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.841 min Scan# 1681

Delta R.T. -0.006 min

Lab File: VN088050.D

Acq: 09 Oct 2025 10:25

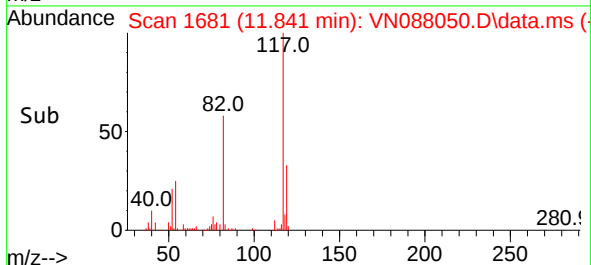
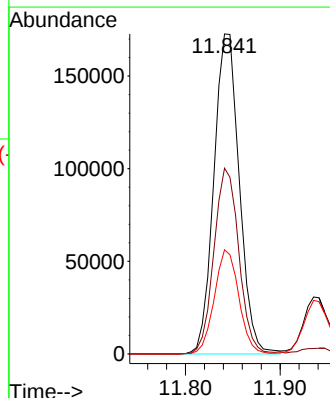
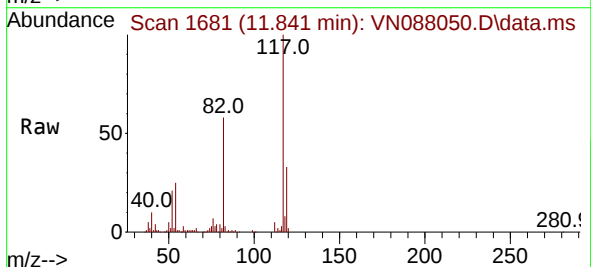
Tgt Ion:117 Resp: 323049

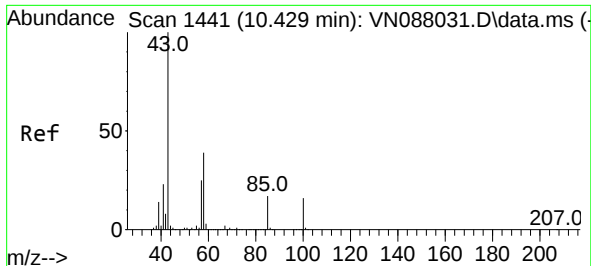
Ion Ratio Lower Upper

117 100

82 56.8 45.2 67.8

119 31.4 25.9 38.9

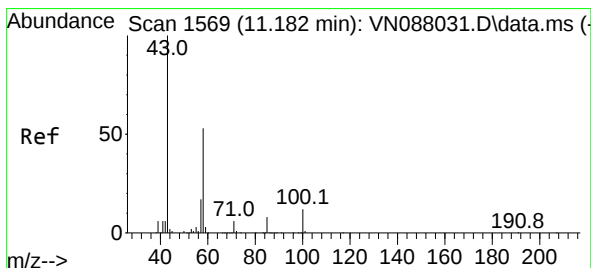
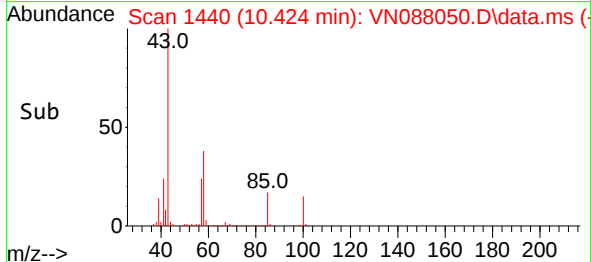
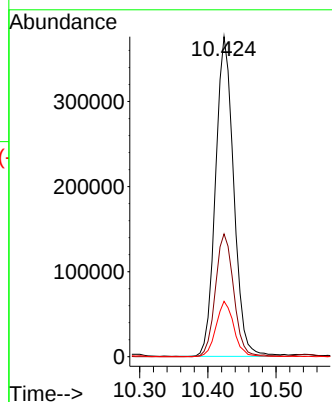
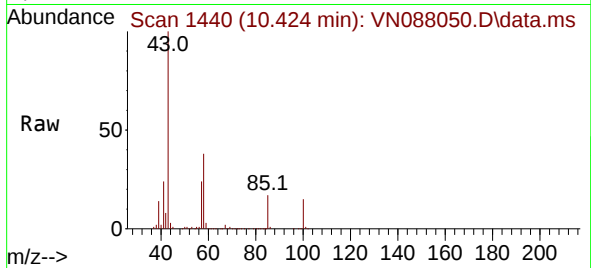




#58
4-Methyl-2-Pentanone
Concen: 96.830 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.006 min
Lab File: VN088050.D
Acq: 09 Oct 2025 10:25

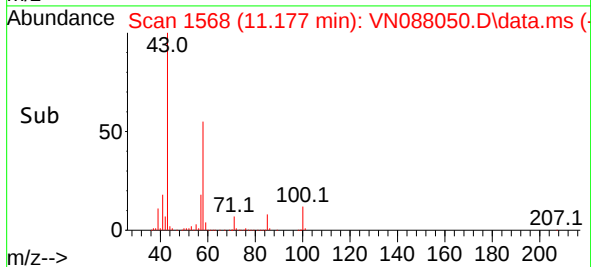
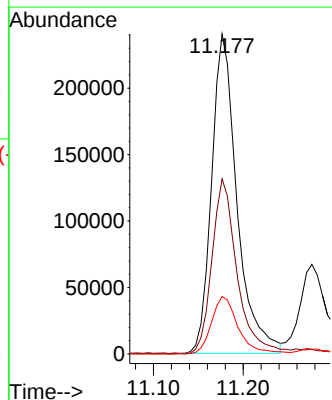
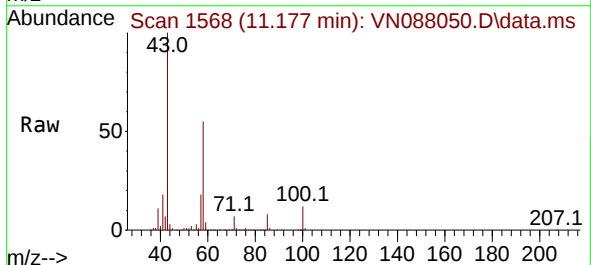
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD01

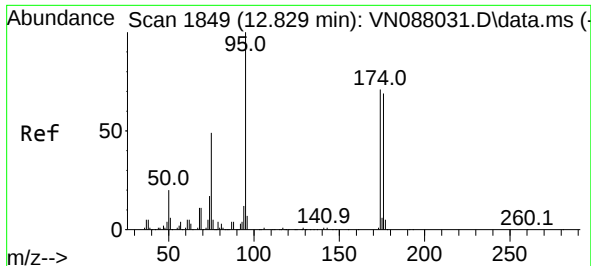
Tgt Ion: 43 Resp: 699678
Ion Ratio Lower Upper
43 100
58 38.7 31.2 46.8
85 17.1 13.7 20.5



#59
2-Hexanone
Concen: 98.802 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VN088050.D
Acq: 09 Oct 2025 10:25

Tgt Ion: 43 Resp: 471360
Ion Ratio Lower Upper
43 100
58 54.2 43.1 64.7
57 19.0 14.6 21.8

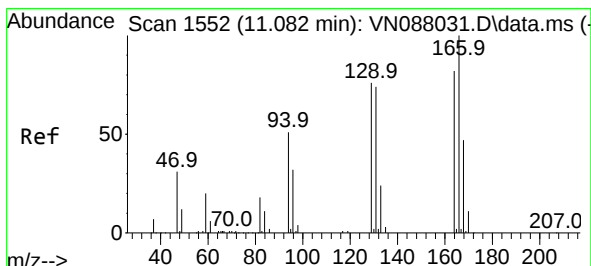
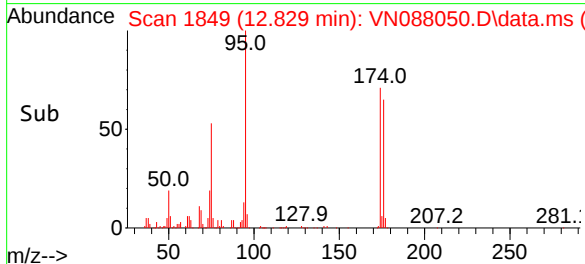
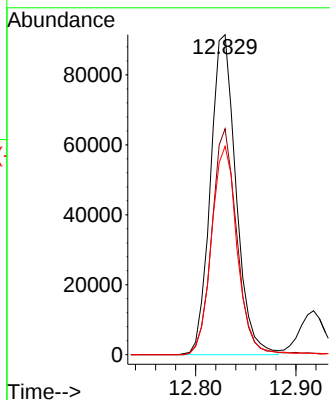
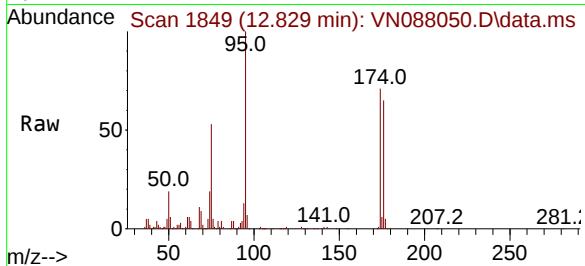




#60
4-Bromofluorobenzene
Concen: 30.473 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN088050.D
Acq: 09 Oct 2025 10:25

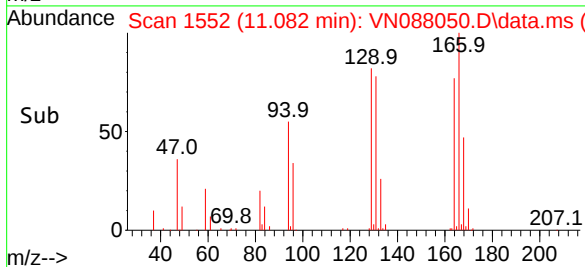
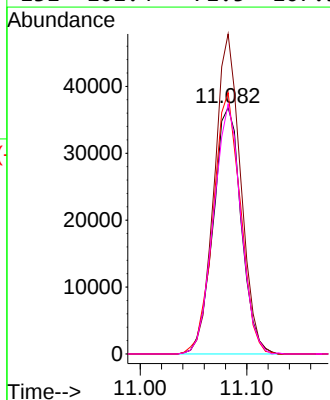
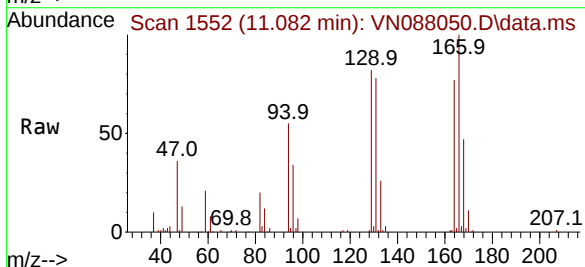
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD01

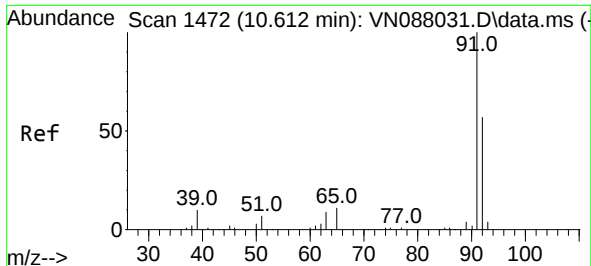
Tgt Ion: 95 Resp: 162288
Ion Ratio Lower Upper
95 100
174 68.4 57.4 86.0
176 65.6 57.0 85.4



#61
Tetrachloroethene
Concen: 20.517 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN088050.D
Acq: 09 Oct 2025 10:25

Tgt Ion: 164 Resp: 67120
Ion Ratio Lower Upper
164 100
166 130.0 97.2 145.8
129 106.1 73.7 110.5
131 101.4 71.5 107.3

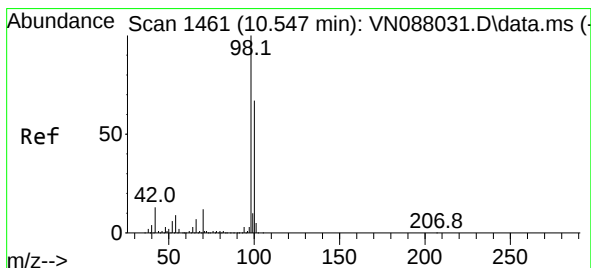
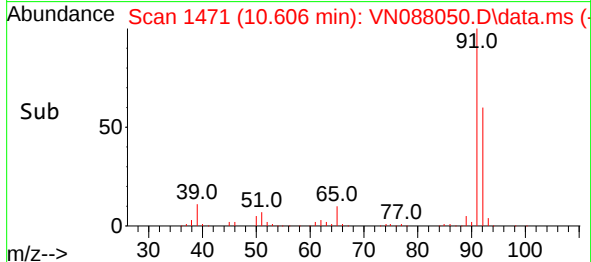
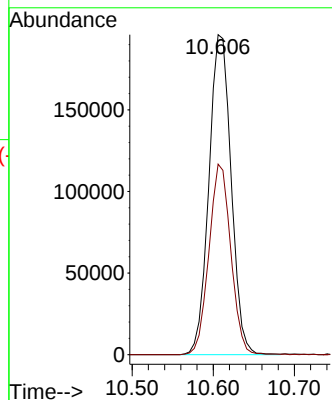
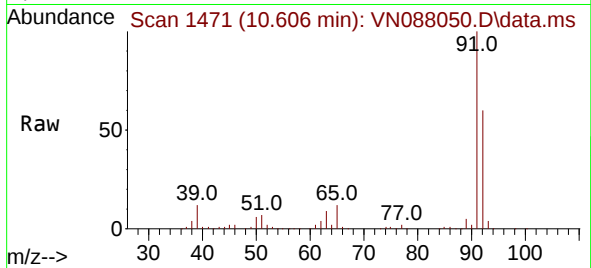




#62
Toluene
Concen: 20.339 ug/l
RT: 10.606 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VN088050.D
Acq: 09 Oct 2025 10:25

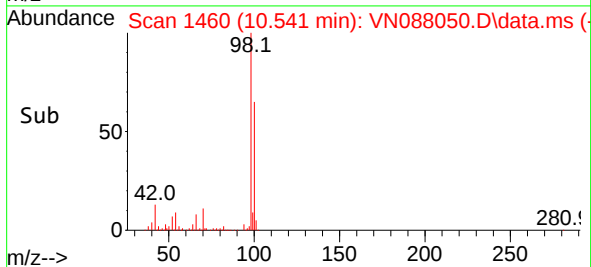
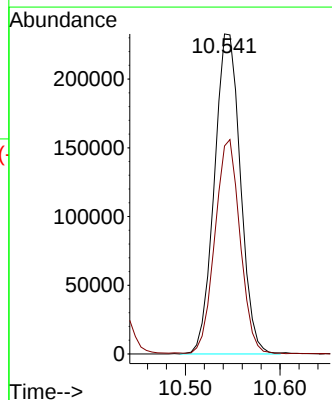
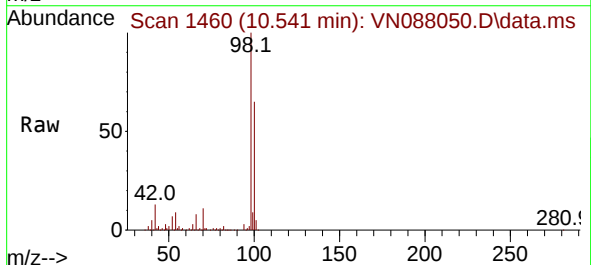
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD01

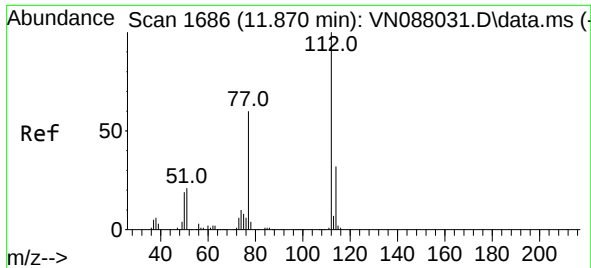
Tgt Ion: 91 Resp: 372704
Ion Ratio Lower Upper
91 100
92 58.5 45.8 68.8



#63
Toluene-d8
Concen: 30.946 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088050.D
Acq: 09 Oct 2025 10:25

Tgt Ion: 98 Resp: 445415
Ion Ratio Lower Upper
98 100
100 64.8 53.1 79.7

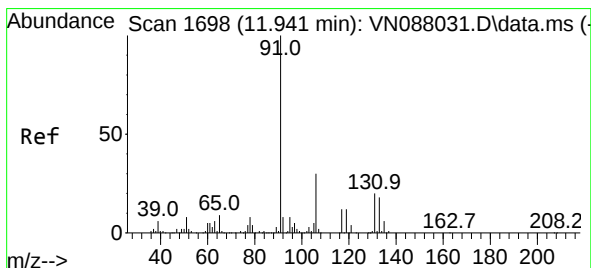
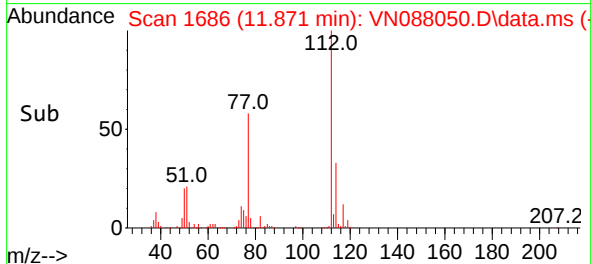
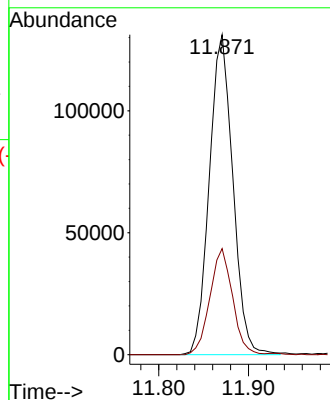
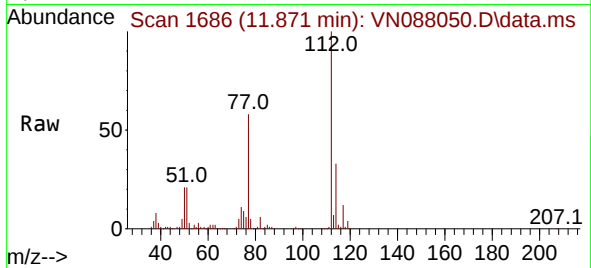




#64
Chlorobenzene
Concen: 20.417 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN088050.D
Acq: 09 Oct 2025 10:25

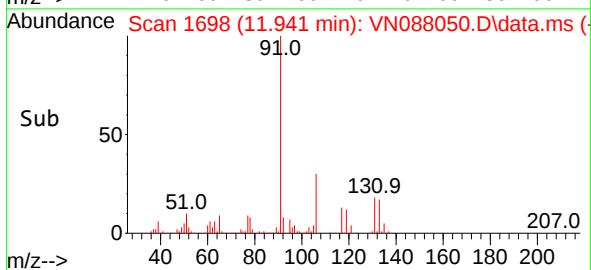
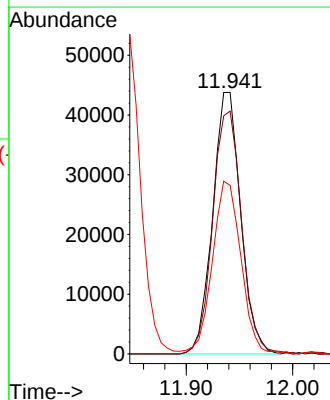
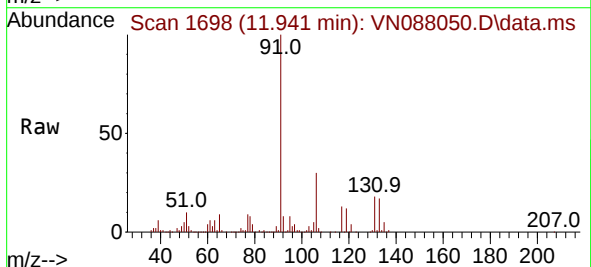
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD01

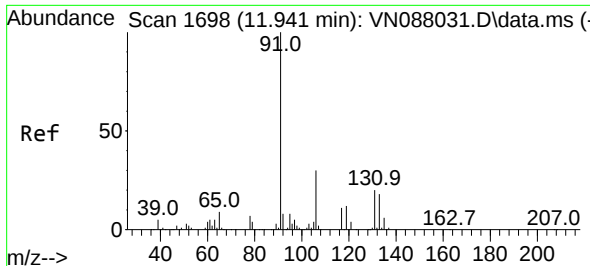
Tgt Ion:112 Resp: 238973
Ion Ratio Lower Upper
112 100
114 33.1 25.7 38.5



#65
1,1,1,2-Tetrachloroethane
Concen: 19.781 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088050.D
Acq: 09 Oct 2025 10:25

Tgt Ion:131 Resp: 79789
Ion Ratio Lower Upper
131 100
133 96.1 0.0 183.8
119 67.6 0.0 132.0

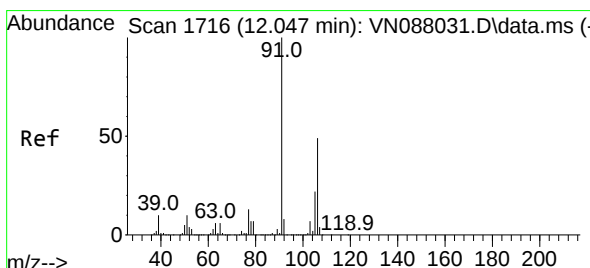
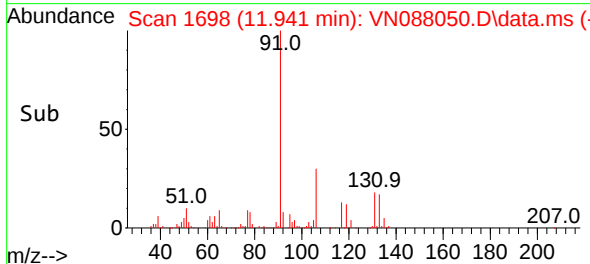
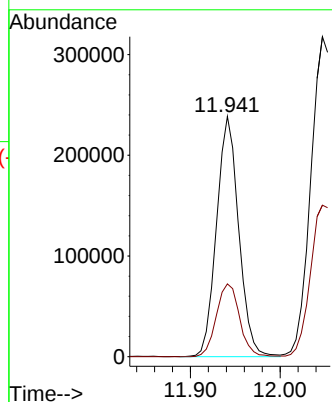
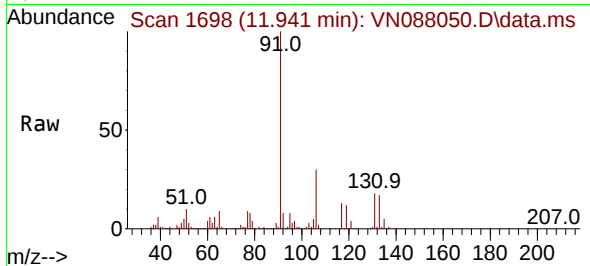




#66
Ethyl Benzene
Concen: 20.565 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088050.D
Acq: 09 Oct 2025 10:25

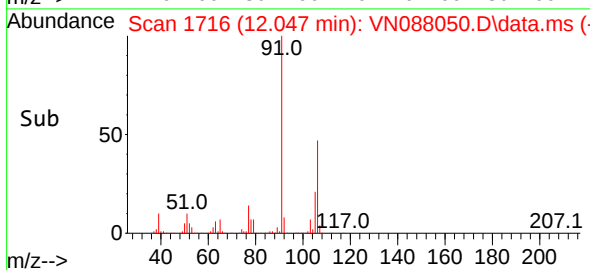
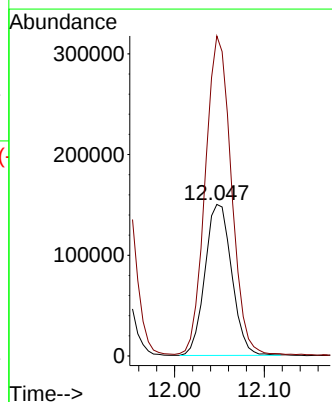
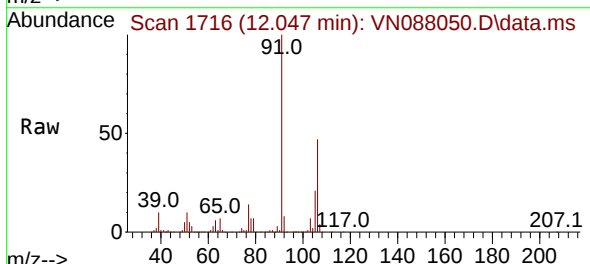
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD01

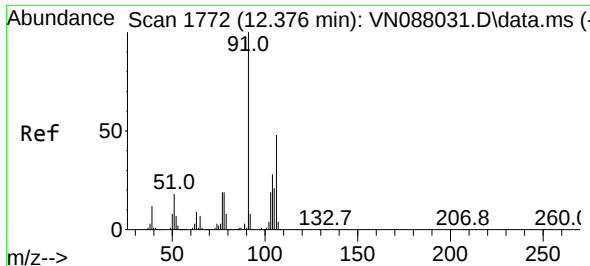
Tgt Ion: 91 Resp: 409772
Ion Ratio Lower Upper
91 100
106 30.3 24.0 36.0



#67
m/p-Xylenes
Concen: 40.390 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN088050.D
Acq: 09 Oct 2025 10:25

Tgt Ion:106 Resp: 310255
Ion Ratio Lower Upper
106 100
91 204.7 161.4 242.0

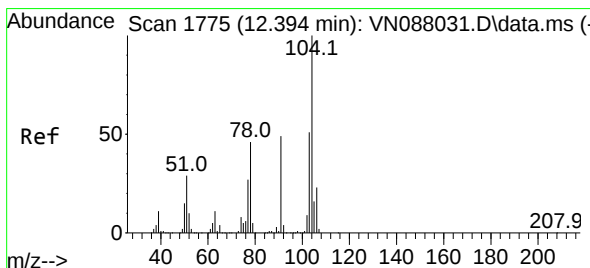
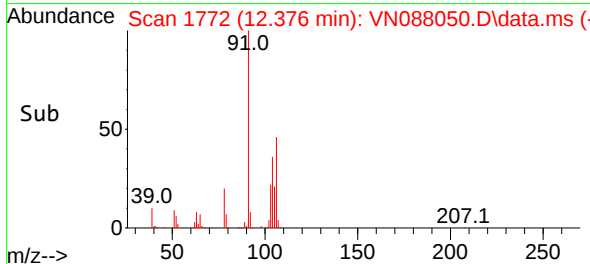
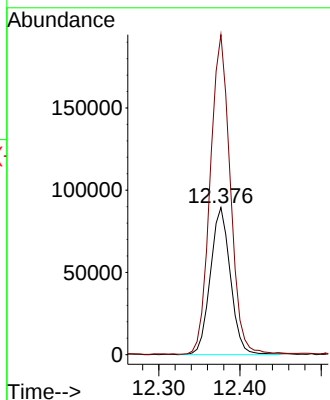
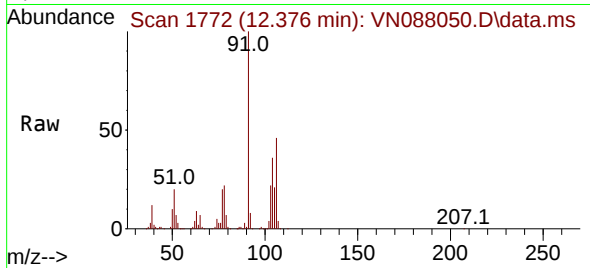




#68
o-Xylene
Concen: 20.076 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN088050.D
Acq: 09 Oct 2025 10:25

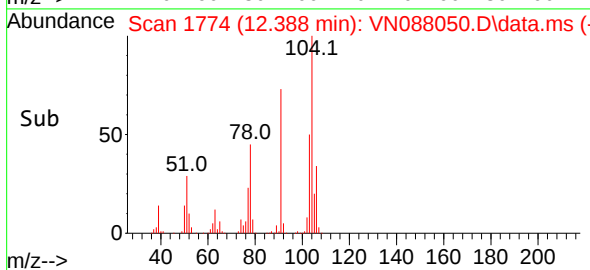
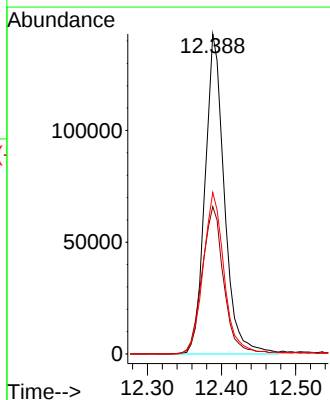
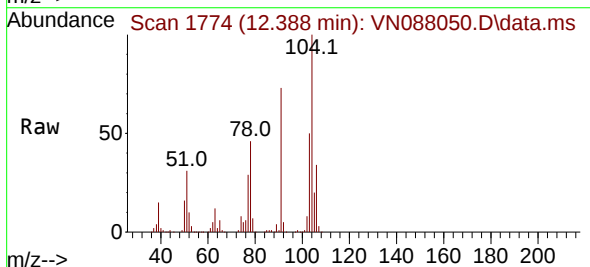
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD01

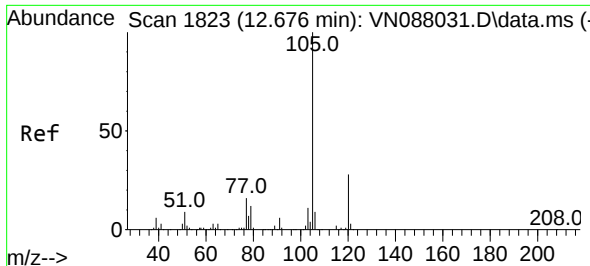
Tgt Ion:106 Resp: 153519
Ion Ratio Lower Upper
106 100
91 216.5 105.2 315.6



#69
Styrene
Concen: 20.493 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VN088050.D
Acq: 09 Oct 2025 10:25

Tgt Ion:104 Resp: 259219
Ion Ratio Lower Upper
104 100
78 51.3 41.8 62.6
103 54.5 44.9 67.3

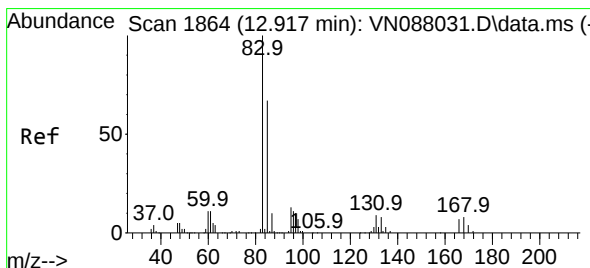
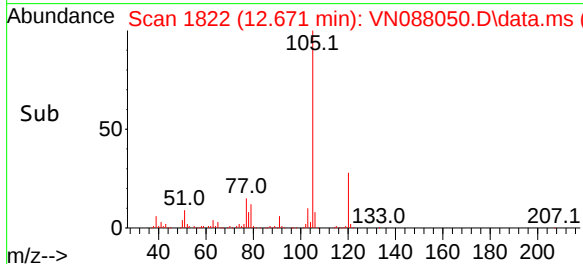
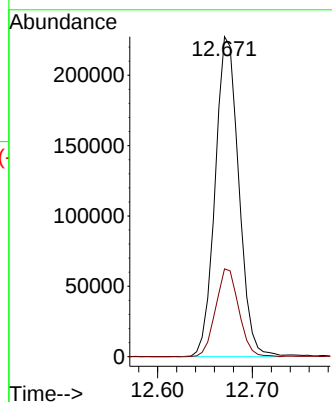
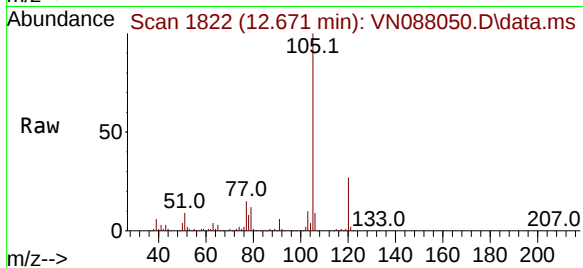




#70
Isopropylbenzene
Concen: 21.038 ug/l
RT: 12.671 min Scan# 1822
Delta R.T. -0.006 min
Lab File: VN088050.D
Acq: 09 Oct 2025 10:25

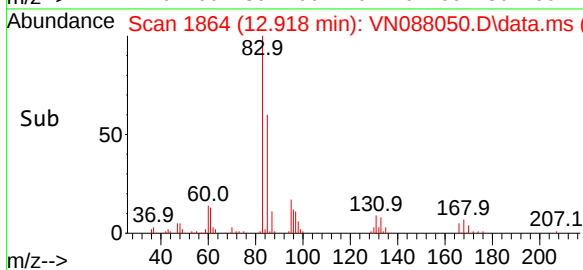
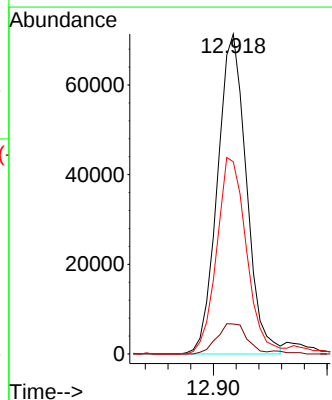
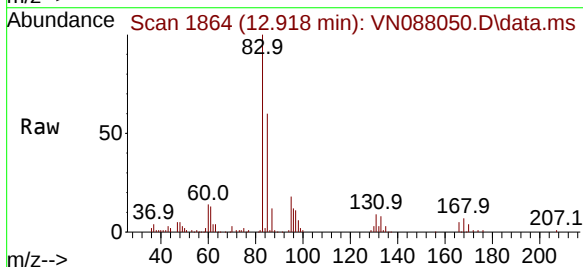
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD01

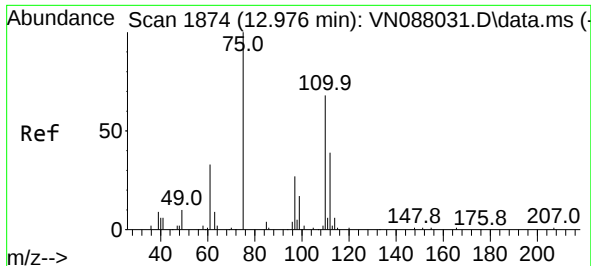
Tgt Ion:105 Resp: 394277
Ion Ratio Lower Upper
105 100
120 27.0 19.1 35.5



#71
1,1,2,2-Tetrachloroethane
Concen: 19.880 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN088050.D
Acq: 09 Oct 2025 10:25

Tgt Ion: 83 Resp: 126318
Ion Ratio Lower Upper
83 100
131 9.8 4.8 14.3
85 63.3 32.4 97.2

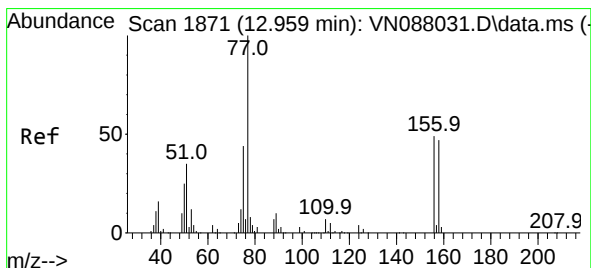
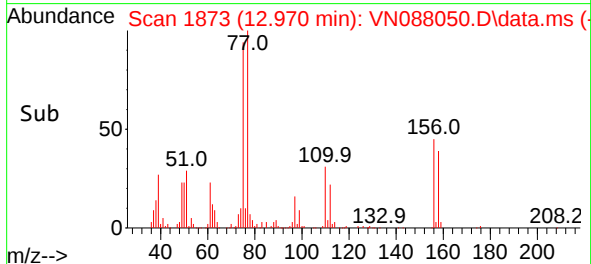
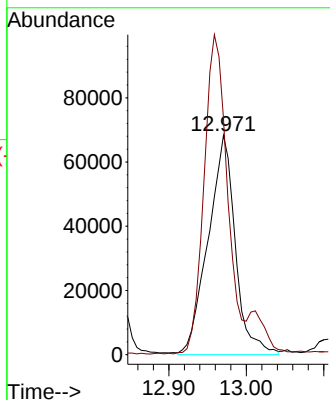
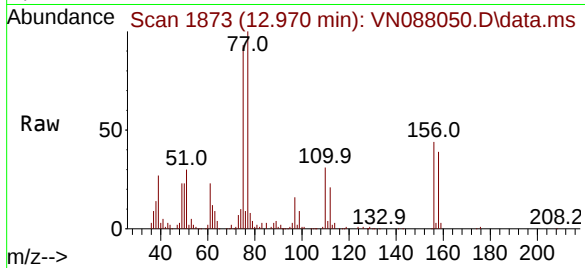




#72
1,2,3-Trichloropropane
Concen: 28.259 ug/l
RT: 12.970 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN088050.D
Acq: 09 Oct 2025 10:25

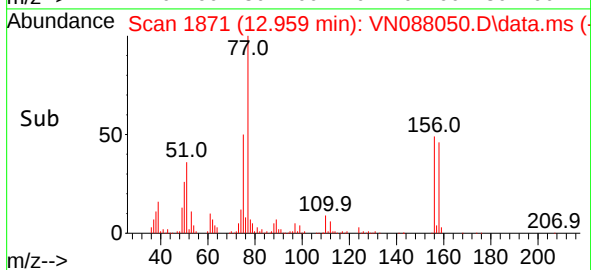
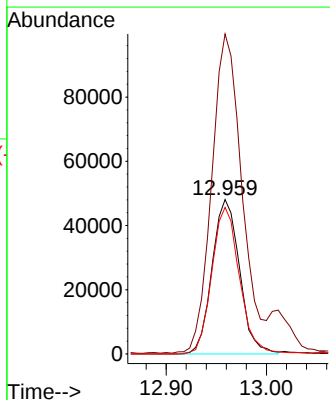
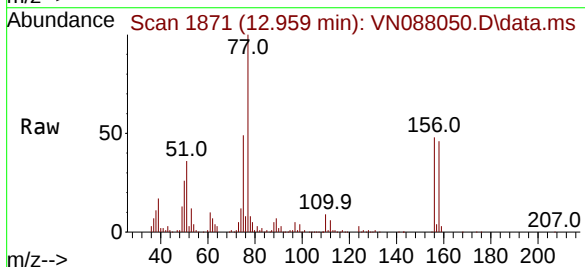
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD01

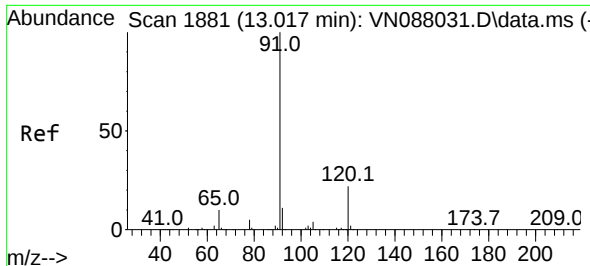
Tgt Ion: 75 Resp: 166759
Ion Ratio Lower Upper
75 100
77 124.7 0.0 364.0



#73
Bromobenzene
Concen: 19.961 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN088050.D
Acq: 09 Oct 2025 10:25

Tgt Ion:156 Resp: 91435
Ion Ratio Lower Upper
156 100
77 227.5 0.0 439.8
158 95.5 0.0 190.0

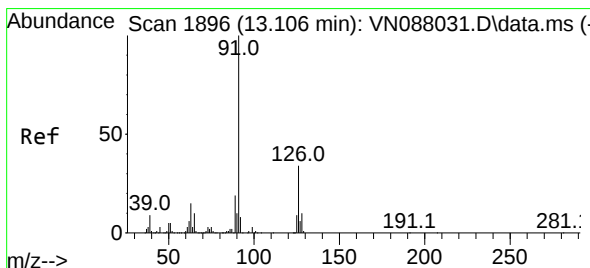
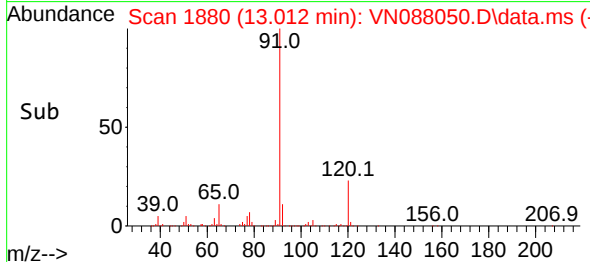
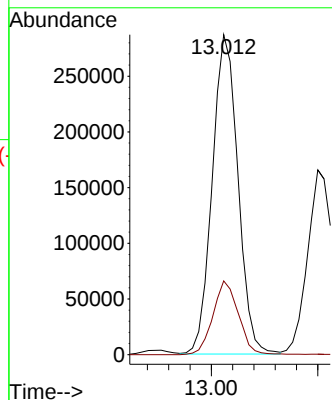
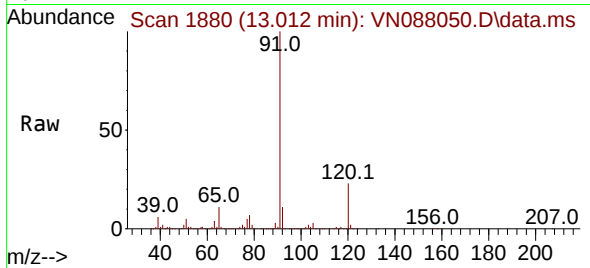




#74
n-propylbenzene
Concen: 21.226 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.006 min
Lab File: VN088050.D
Acq: 09 Oct 2025 10:25

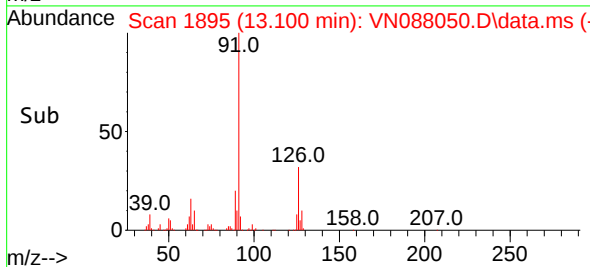
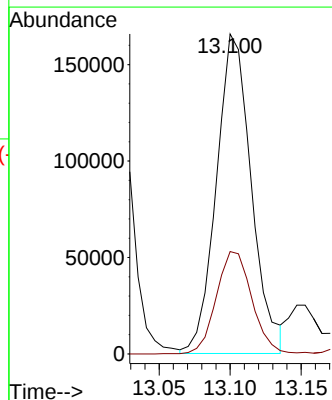
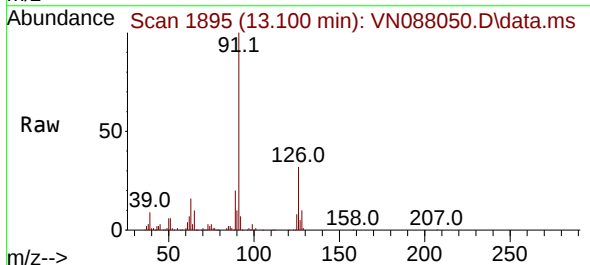
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD01

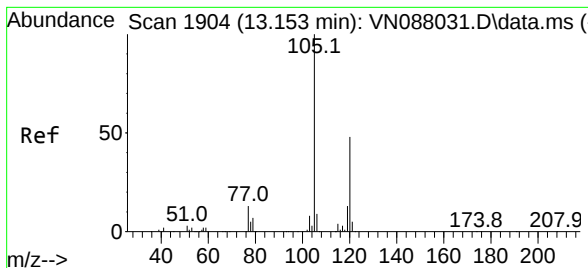
Tgt Ion: 91 Resp: 480225
Ion Ratio Lower Upper
91 100
120 22.9 0.0 46.2



#75
2-Chlorotoluene
Concen: 20.532 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. -0.006 min
Lab File: VN088050.D
Acq: 09 Oct 2025 10:25

Tgt Ion: 91 Resp: 284028
Ion Ratio Lower Upper
91 100
126 32.6 0.0 66.6

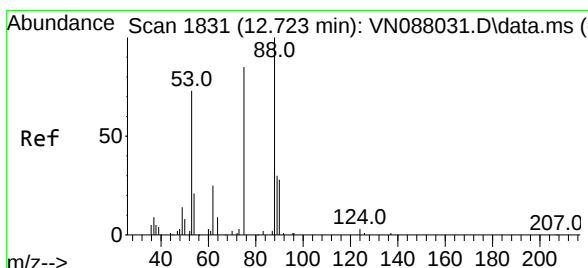
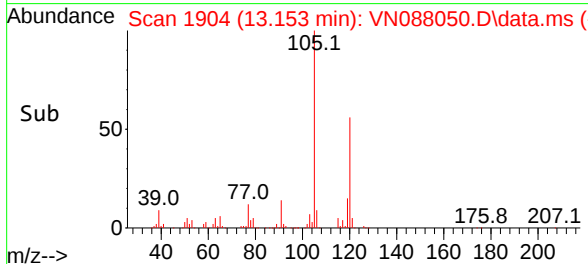
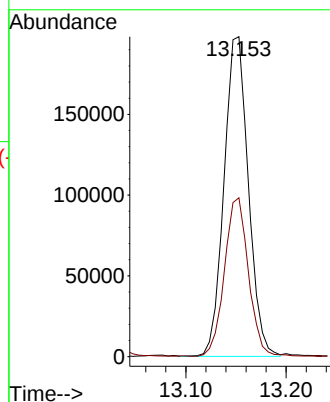
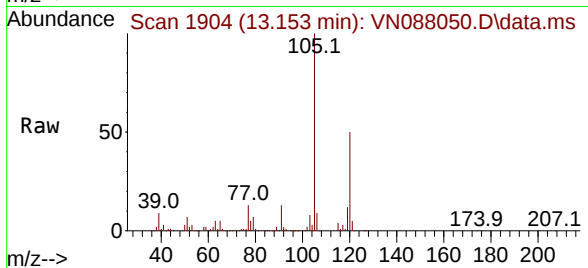




#76
1,3,5-Trimethylbenzene
Concen: 20.959 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN088050.D
Acq: 09 Oct 2025 10:25

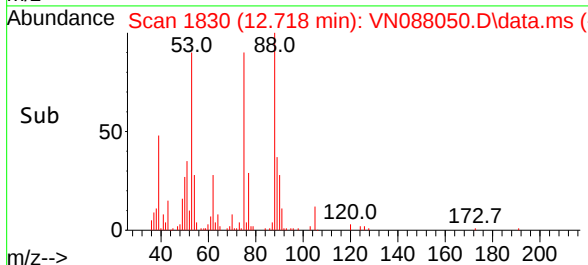
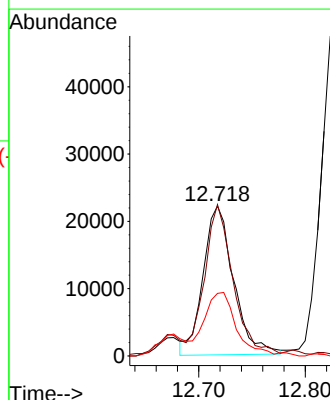
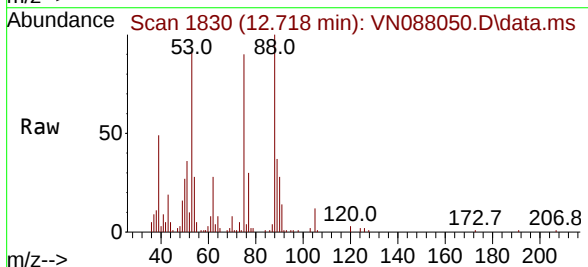
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD01

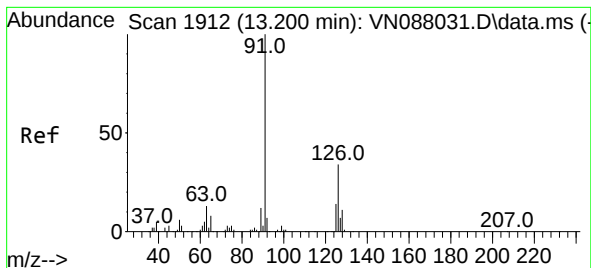
Tgt Ion:105 Resp: 333666
Ion Ratio Lower Upper
105 100
120 48.7 0.0 100.6



#77
t-1,4-Dichloro-2-butene
Concen: 18.724 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. -0.006 min
Lab File: VN088050.D
Acq: 09 Oct 2025 10:25

Tgt Ion: 75 Resp: 44032
Ion Ratio Lower Upper
75 100
53 103.2 41.8 125.3
89 41.1 19.9 59.6

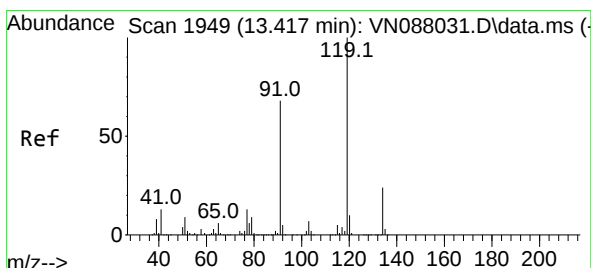
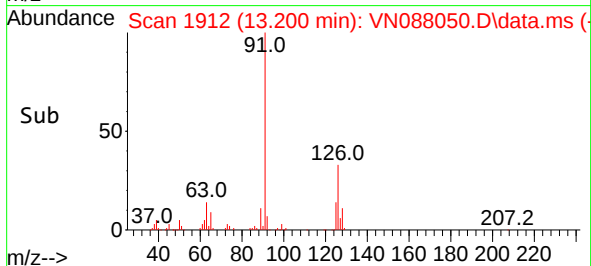
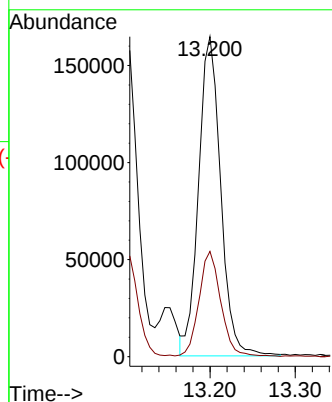
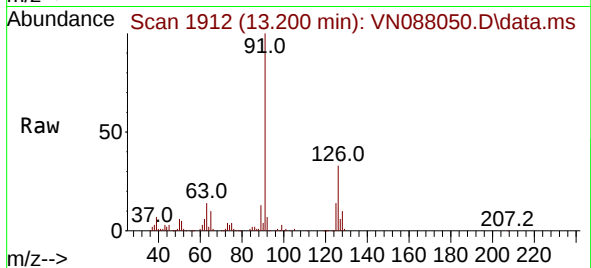




#78
4-Chlorotoluene
Concen: 21.098 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN088050.D
Acq: 09 Oct 2025 10:25

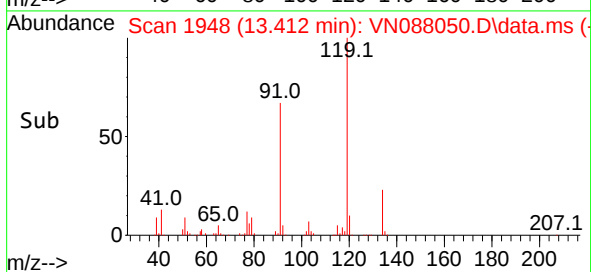
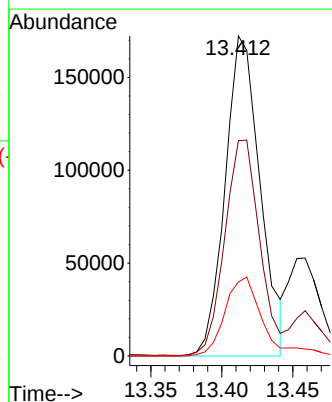
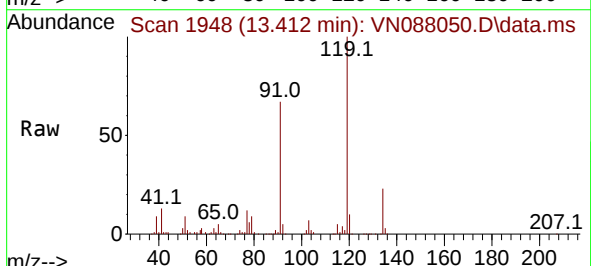
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD01

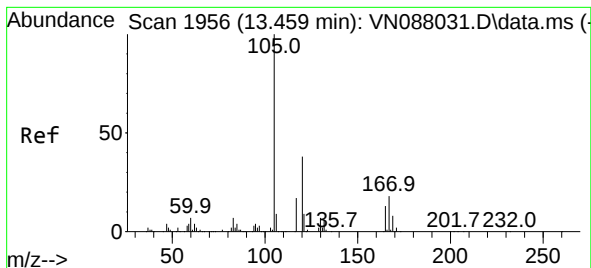
Tgt Ion: 91 Resp: 296519
Ion Ratio Lower Upper
91 100
126 32.6 0.0 68.8



#79
tert-butylbenzene
Concen: 21.475 ug/l
RT: 13.412 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VN088050.D
Acq: 09 Oct 2025 10:25

Tgt Ion: 119 Resp: 296371
Ion Ratio Lower Upper
119 100
91 66.7 0.0 132.4
134 24.9 0.0 48.6





#80

1,2,4-Trimethylbenzene

Concen: 21.191 ug/l

RT: 13.459 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VN088050.D

Acq: 09 Oct 2025 10:25

Instrument :

MSVOA_N

ClientSampleId :

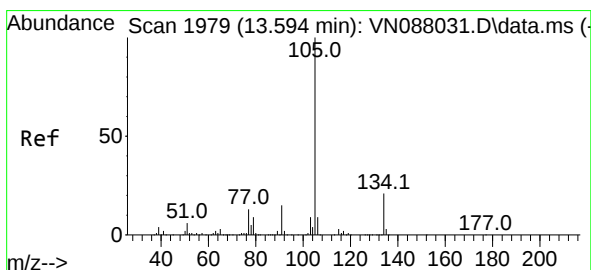
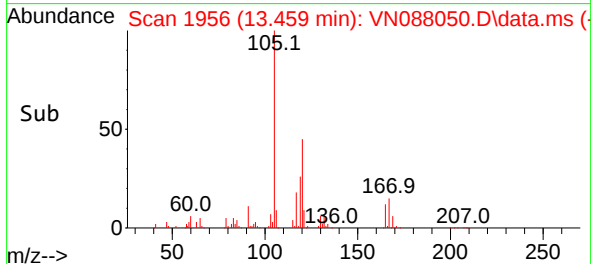
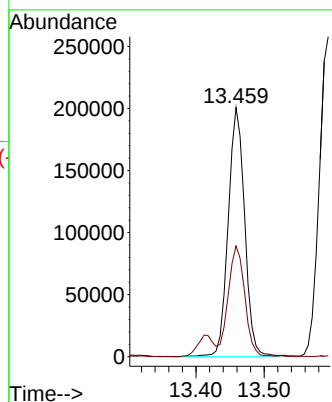
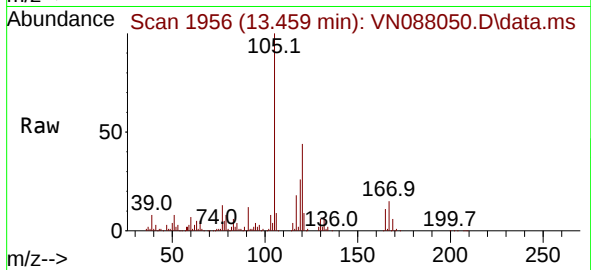
VN1009WBSD01

Tgt Ion:105 Resp: 337723

Ion Ratio Lower Upper

105 100

120 44.5 0.0 93.8



#81

sec-Butylbenzene

Concen: 21.911 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VN088050.D

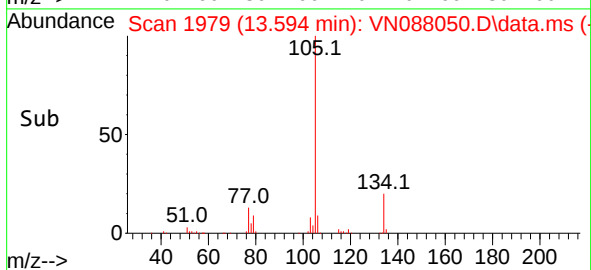
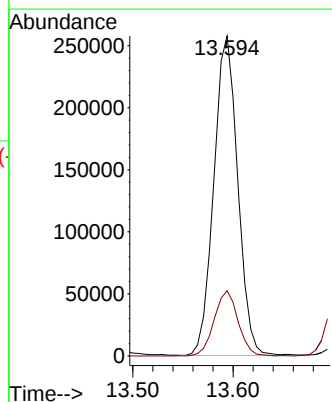
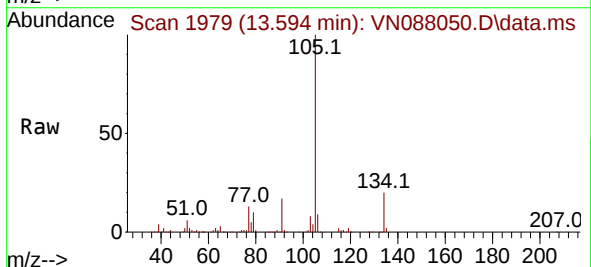
Acq: 09 Oct 2025 10:25

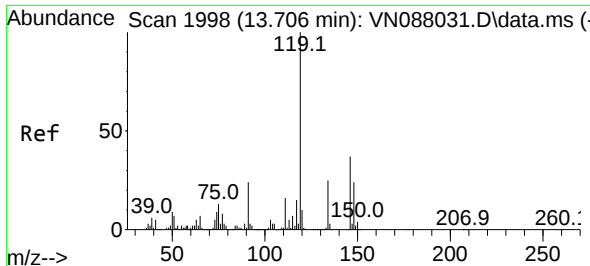
Tgt Ion:105 Resp: 425149

Ion Ratio Lower Upper

105 100

134 20.3 0.0 41.2

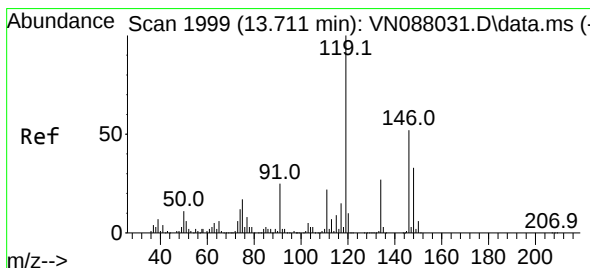
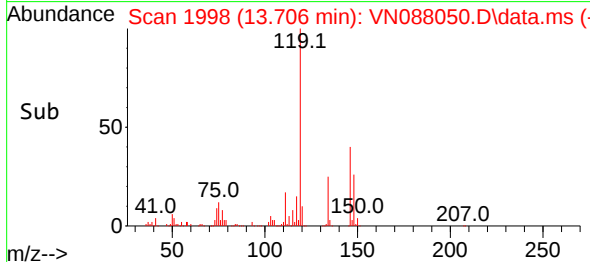
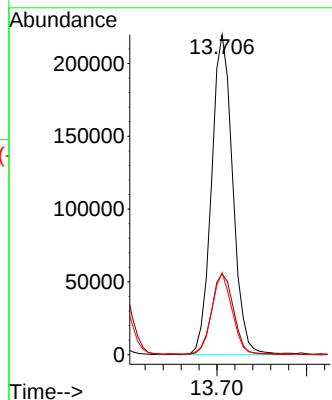
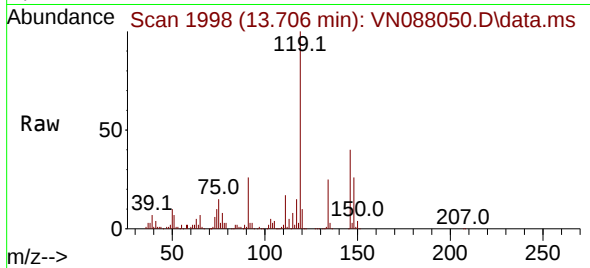




#82
 p-Isopropyltoluene
 Concen: 21.775 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN088050.D
 Acq: 09 Oct 2025 10:25

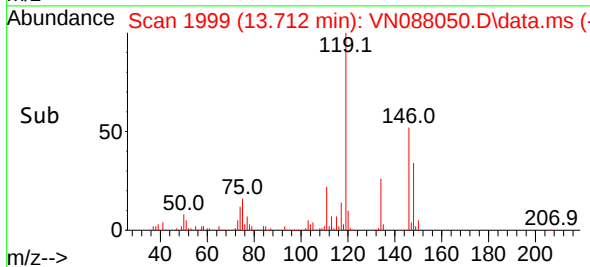
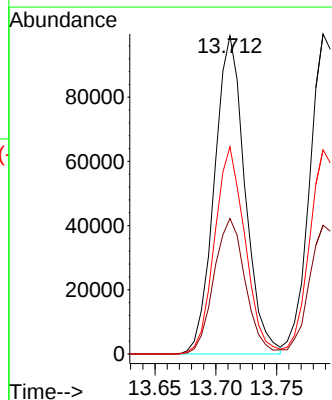
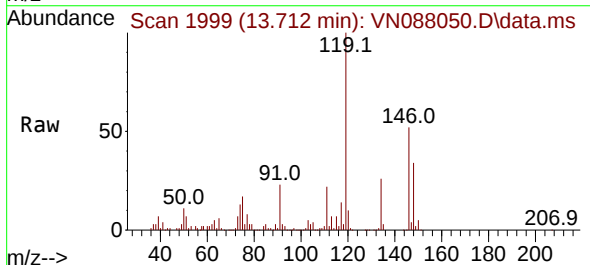
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBSD01

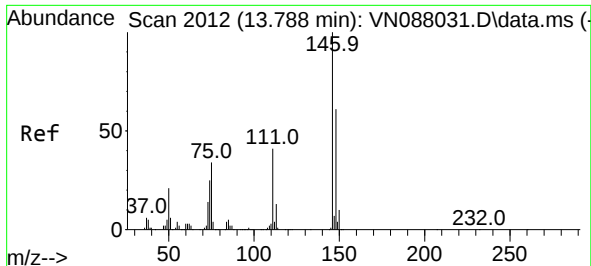
Tgt Ion:119 Resp: 360739
 Ion Ratio Lower Upper
 119 100
 134 26.2 0.0 52.6
 91 24.5 0.0 48.2



#83
 1,3-Dichlorobenzene
 Concen: 20.119 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN088050.D
 Acq: 09 Oct 2025 10:25

Tgt Ion:146 Resp: 173399
 Ion Ratio Lower Upper
 146 100
 111 43.7 21.1 63.1
 148 64.6 31.5 94.5

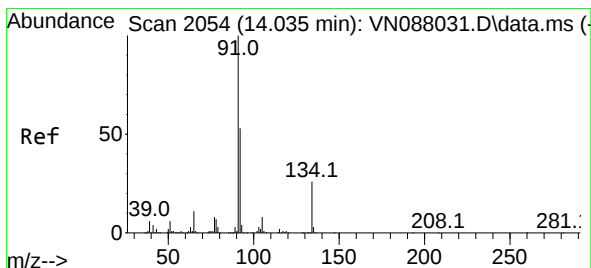
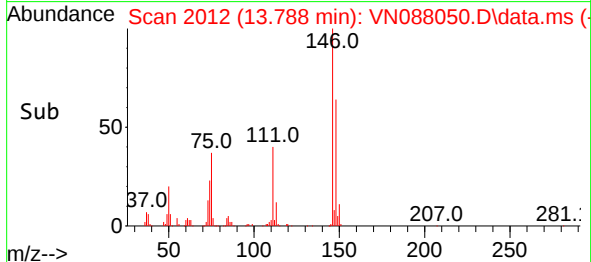
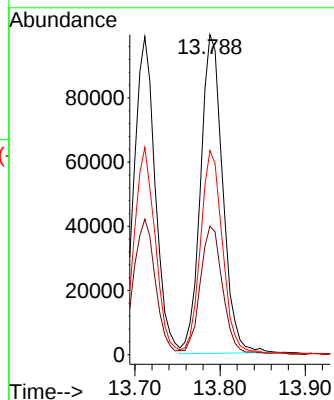
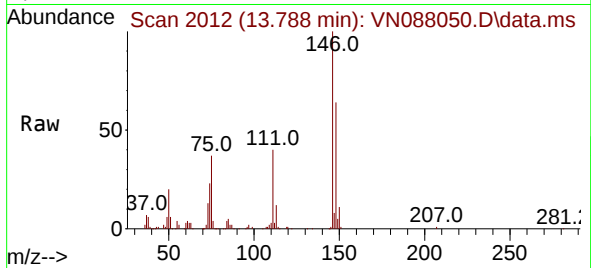




#84
1,4-Dichlorobenzene
Concen: 20.182 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN088050.D
Acq: 09 Oct 2025 10:25

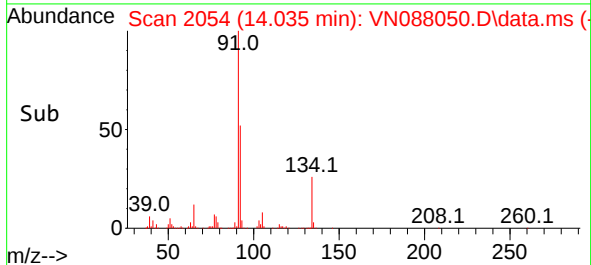
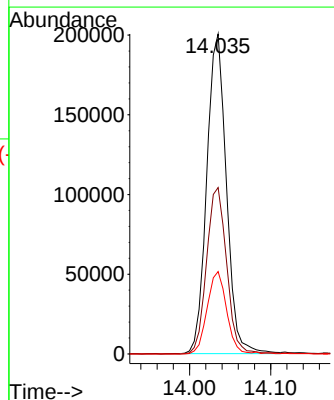
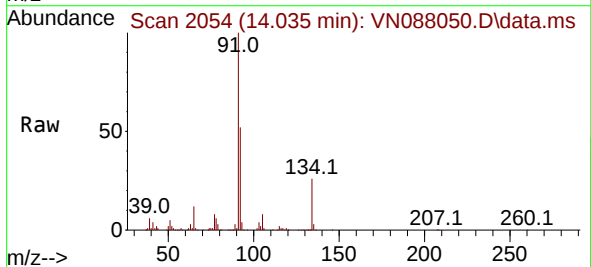
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD01

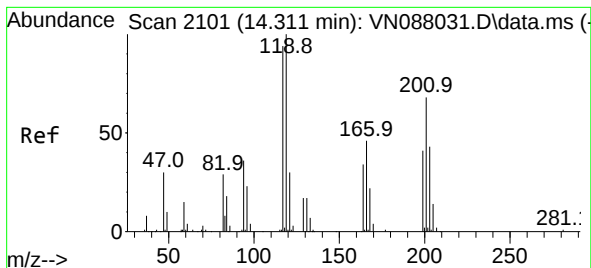
Tgt Ion:146 Resp: 179387
Ion Ratio Lower Upper
146 100
111 38.9 20.5 61.6
148 64.5 31.9 95.9



#85
n-Butylbenzene
Concen: 21.848 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN088050.D
Acq: 09 Oct 2025 10:25

Tgt Ion: 91 Resp: 336726
Ion Ratio Lower Upper
91 100
92 53.2 0.0 107.6
134 25.4 0.0 52.6





#86

Hexachloroethane

Concen: 19.952 ug/l

RT: 14.312 min Scan# 2101

Delta R.T. 0.000 min

Lab File: VN088050.D

Acq: 09 Oct 2025 10:25

Instrument :

MSVOA_N

ClientSampleId :

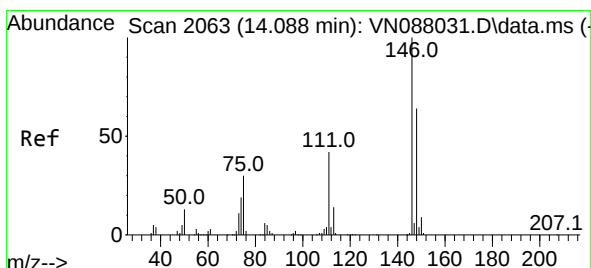
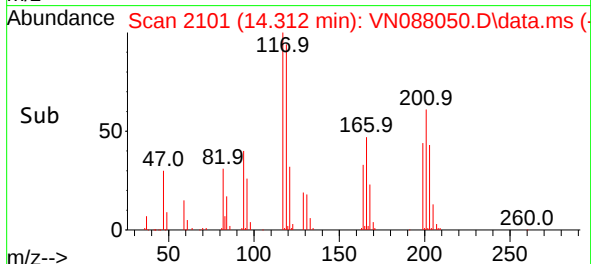
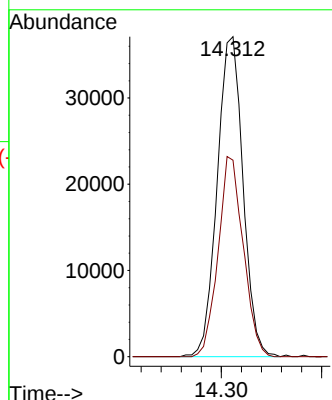
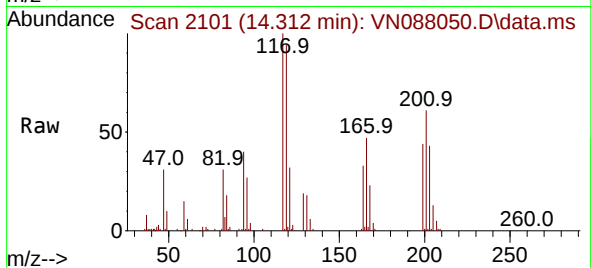
VN1009WBSD01

Tgt Ion:117 Resp: 66213

Ion Ratio Lower Upper

117 100

201 60.9 34.8 104.3



#87

1,2-Dichlorobenzene

Concen: 19.984 ug/l

RT: 14.082 min Scan# 2062

Delta R.T. -0.006 min

Lab File: VN088050.D

Acq: 09 Oct 2025 10:25

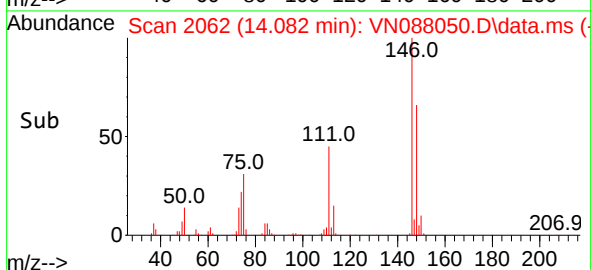
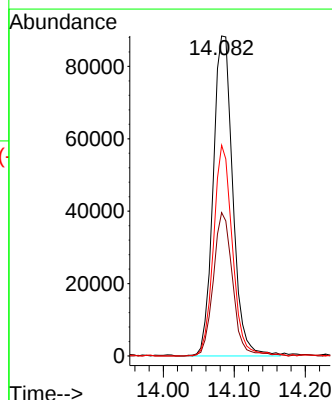
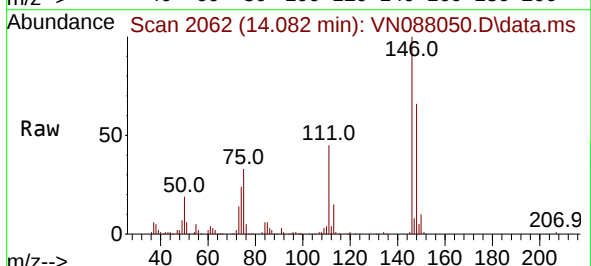
Tgt Ion:146 Resp: 169411

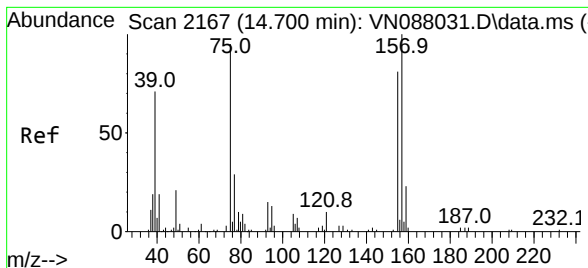
Ion Ratio Lower Upper

146 100

111 43.7 22.3 66.8

148 62.9 31.4 94.3

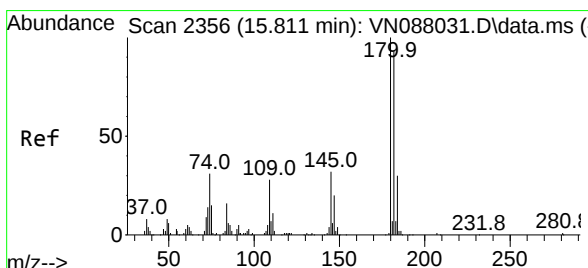
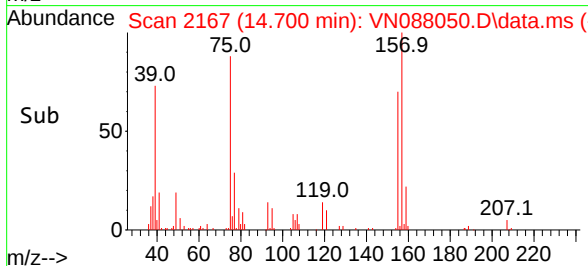
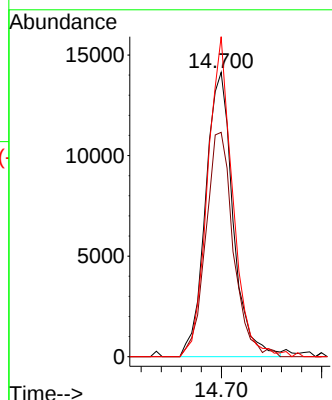
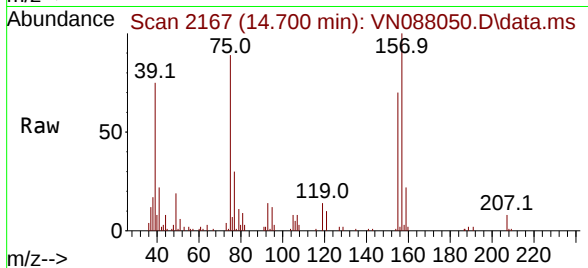




#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.425 ug/l
 RT: 14.700 min Scan# 2167
 Delta R.T. 0.000 min
 Lab File: VN088050.D
 Acq: 09 Oct 2025 10:25

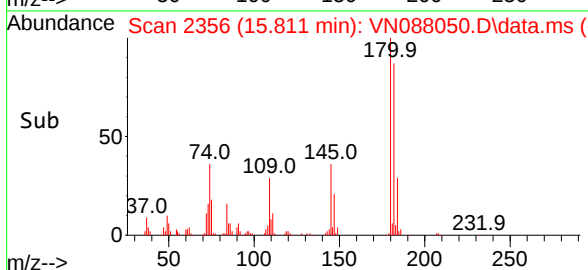
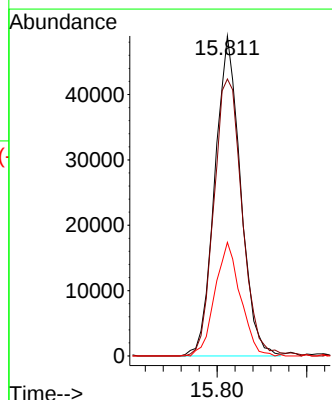
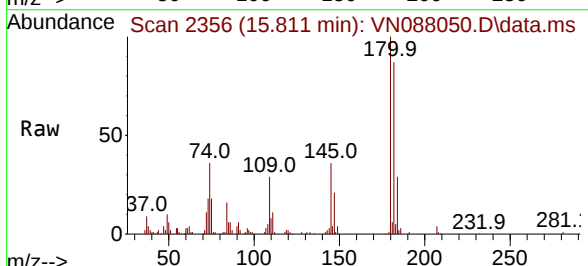
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBSD01

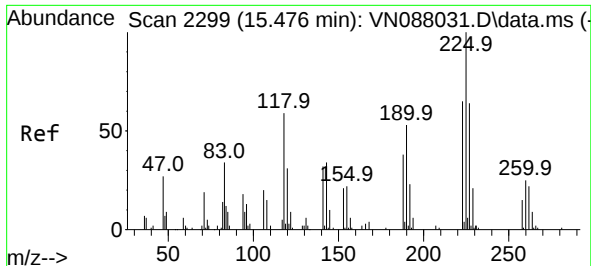
Tgt Ion: 75 Resp: 26887
 Ion Ratio Lower Upper
 75 100
 155 78.6 63.5 95.3
 157 102.5 81.7 122.5



#89
 1,2,4-Trichlorobenzene
 Concen: 19.293 ug/l
 RT: 15.811 min Scan# 2356
 Delta R.T. 0.000 min
 Lab File: VN088050.D
 Acq: 09 Oct 2025 10:25

Tgt Ion:180 Resp: 97420
 Ion Ratio Lower Upper
 180 100
 182 94.5 74.6 112.0
 145 35.1 27.2 40.8

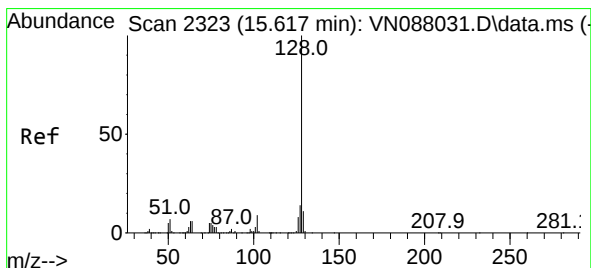
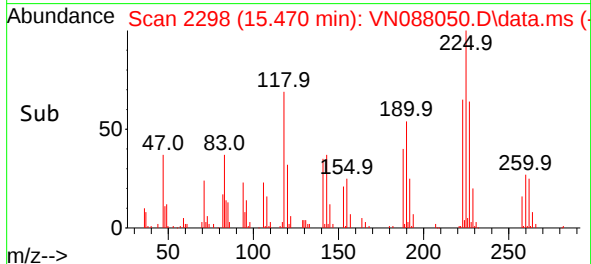
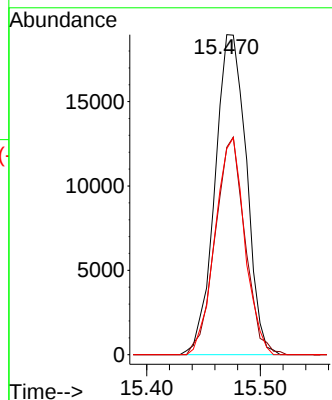
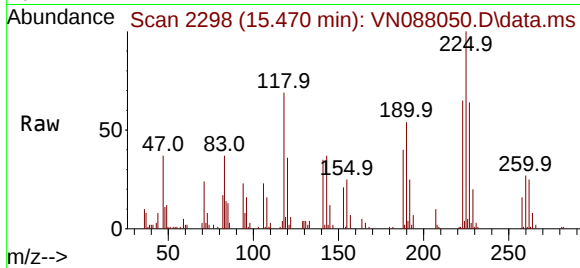




#90
Hexachlorobutadiene
Concen: 20.703 ug/l
RT: 15.470 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN088050.D
Acq: 09 Oct 2025 10:25

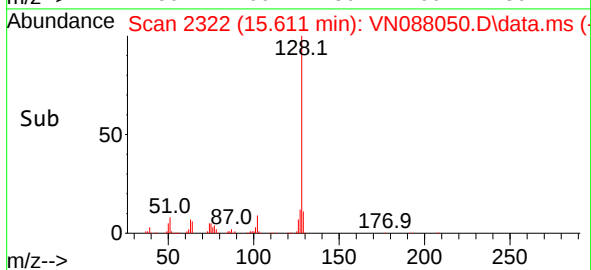
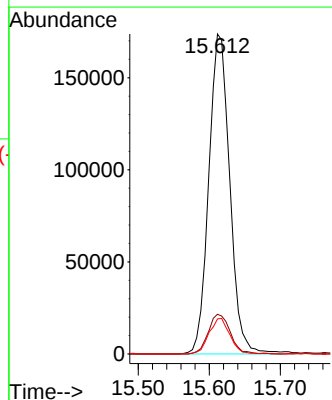
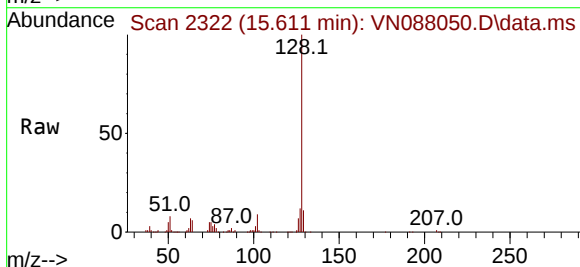
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD01

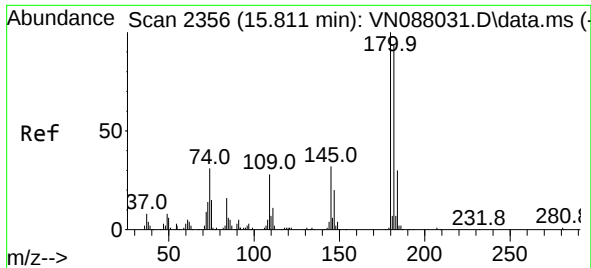
Tgt Ion:225 Resp: 36383
Ion Ratio Lower Upper
225 100
223 64.5 0.0 129.6
227 64.0 0.0 132.2



#91
Naphthalene
Concen: 19.294 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. -0.006 min
Lab File: VN088050.D
Acq: 09 Oct 2025 10:25

Tgt Ion:128 Resp: 356687
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.6 13.0





#92
 1,2,3-Trichlorobenzene
 Concen: 19.293 ug/l
 RT: 15.811 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN088050.D
 Acq: 09 Oct 2025 10:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBSD01

Tgt Ion:180 Resp: 97420
 Ion Ratio Lower Upper
 180 100
 182 94.5 0.0 186.6
 145 35.1 0.0 68.0

