

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102825\
 Data File : VN088130.D
 Acq On : 28 Oct 2025 11:38
 Operator : JC\MD
 Sample : VN1028WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBS01

Quant Time: Oct 29 02:18:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 25 00:15:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	365445	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	715516	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	637348	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	312463	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	334399	52.917	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.840%	
35) Dibromofluoromethane	8.147	113	228055	47.443	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.880%	
50) Toluene-d8	10.547	98	838687	45.281	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 90.560%	
62) 4-Bromofluorobenzene	12.829	95	310646	47.491	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 94.980%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	66211	16.062	ug/l	99
3) Chloromethane	2.383	50	76287	15.731	ug/l	97
4) Vinyl Chloride	2.536	62	87155	16.494	ug/l	99
5) Bromomethane	2.977	94	46727	14.785	ug/l	100
6) Chloroethane	3.142	64	57655	15.144	ug/l	98
7) Trichlorofluoromethane	3.512	101	131702	15.627	ug/l	96
8) Diethyl Ether	3.959	74	52780	16.850	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.365	101	71067	16.342	ug/l	97
10) Methyl Iodide	4.583	142	55773	16.120	ug/l	97
11) Tert butyl alcohol	5.518	59	104113	95.632	ug/l	98
12) 1,1-Dichloroethene	4.330	96	70747	15.402	ug/l	94
13) Acrolein	4.177	56	108267	88.412	ug/l	97
14) Allyl chloride	5.012	41	138082	17.151	ug/l	98
15) Acrylonitrile	5.712	53	268618	90.581	ug/l	99
16) Acetone	4.424	43	285019	89.777	ug/l	99
17) Carbon Disulfide	4.700	76	215150	15.409	ug/l	96
18) Methyl Acetate	5.018	43	124166	19.104	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	301534	17.876	ug/l	99
20) Methylene Chloride	5.265	84	90099	18.725	ug/l	94
21) trans-1,2-Dichloroethene	5.777	96	82767	16.416	ug/l	96
22) Diisopropyl ether	6.659	45	312361	18.449	ug/l	100
23) Vinyl Acetate	6.588	43	1404757	92.106	ug/l	98
24) 1,1-Dichloroethane	6.547	63	166726	17.777	ug/l	100
25) 2-Butanone	7.471	43	388592	92.880	ug/l	98
26) 2,2-Dichloropropane	7.471	77	143162	16.797	ug/l	98
27) cis-1,2-Dichloroethene	7.471	96	100090	17.244	ug/l	96
28) Bromochloromethane	7.794	49	66588	15.026	ug/l	99
29) Tetrahydrofuran	7.830	42	244660	89.730	ug/l	99
30) Chloroform	7.953	83	170756	18.224	ug/l	99
31) Cyclohexane	8.235	56	150374	17.000	ug/l	95
32) 1,1,1-Trichloroethane	8.147	97	146848	17.597	ug/l	95
36) 1,1-Dichloropropene	8.353	75	116680	16.624	ug/l	99
37) Ethyl Acetate	7.547	43	154894	17.101	ug/l	97
38) Carbon Tetrachloride	8.347	117	120669	16.646	ug/l	96
39) Methylcyclohexane	9.582	83	138438	15.345	ug/l	99
40) Benzene	8.588	78	357031	16.703	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	79377	16.651	ug/l	98
42) 1,2-Dichloroethane	8.653	62	139579	18.378	ug/l	99
43) Isopropyl Acetate	8.671	43	245248	17.621	ug/l	99
44) Trichloroethene	9.335	130	82393	16.491	ug/l	99
45) 1,2-Dichloropropane	9.600	63	93267	17.284	ug/l	98
46) Dibromomethane	9.694	93	67626	17.571	ug/l	98
47) Bromodichloromethane	9.865	83	131483	17.064	ug/l	97
48) Methyl methacrylate	9.665	41	115238	17.934	ug/l	99
49) 1,4-Dioxane	9.682	88	30760	384.899	ug/l #	99
51) 4-Methyl-2-Pentanone	10.423	43	743509	90.303	ug/l	99
52) Toluene	10.612	92	219734	16.674	ug/l	99
53) t-1,3-Dichloropropene	10.818	75	138002	16.827	ug/l	100
54) cis-1,3-Dichloropropene	10.294	75	143745	16.518	ug/l	91
55) 1,1,2-Trichloroethane	10.994	97	83226	16.646	ug/l	95
56) Ethyl methacrylate	10.859	69	133316	16.849	ug/l	96
57) 1,3-Dichloropropane	11.141	76	153639	17.483	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	339590	82.513	ug/l	100
59) 2-Hexanone	11.176	43	465936	85.306	ug/l	95
60) Dibromochloromethane	11.341	129	93701	16.489	ug/l	98
61) 1,2-Dibromoethane	11.447	107	84583	16.438	ug/l	96
64) Tetrachloroethene	11.082	164	65951	15.687	ug/l	98
65) Chlorobenzene	11.870	112	230372	15.918	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.941	131	79145	16.692	ug/l	99
67) Ethyl Benzene	11.941	91	418045	16.456	ug/l	95
68) m/p-Xylenes	12.047	106	308395	32.401	ug/l	98
69) o-Xylene	12.376	106	153175	16.976	ug/l	98
70) Styrene	12.394	104	252381	17.153	ug/l	99
71) Bromoform	12.559	173	57512	16.254	ug/l #	99
73) Isopropylbenzene	12.670	105	391686	16.253	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.917	83	133462	17.788	ug/l	99
76) 1,2,3-Trichloropropane	12.970	75	168900	23.643	ug/l	64
77) Bromobenzene	12.959	156	90140	17.345	ug/l	100
78) n-propylbenzene	13.012	91	479311	16.298	ug/l	100
79) 2-Chlorotoluene	13.106	91	291170	17.361	ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	330925	16.534	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.717	75	34864	13.614	ug/l	91
82) 4-Chlorotoluene	13.200	91	298777	16.466	ug/l	99
83) tert-Butylbenzene	13.417	119	287893	16.102	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	335824	16.770	ug/l	100
85) sec-Butylbenzene	13.594	105	417672	15.900	ug/l	100
86) p-Isopropyltoluene	13.706	119	344301	16.339	ug/l	98
87) 1,3-Dichlorobenzene	13.712	146	172894	16.666	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	181623	16.300	ug/l	97
89) n-Butylbenzene	14.035	91	335965	16.095	ug/l	99
90) Hexachloroethane	14.311	117	59952	14.692	ug/l	92
91) 1,2-Dichlorobenzene	14.082	146	171402	17.140	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.700	75	30187	17.286	ug/l	93
93) 1,2,4-Trichlorobenzene	15.364	180	100598	16.610	ug/l	99
94) Hexachlorobutadiene	15.470	225	38502	17.071	ug/l	97
95) Naphthalene	15.617	128	336209	16.205	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	96339	16.590	ug/l	99

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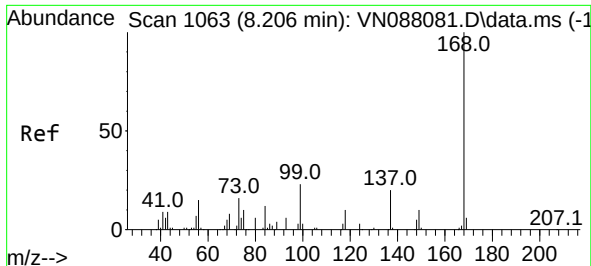
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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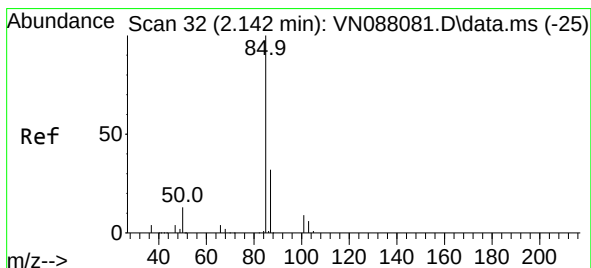
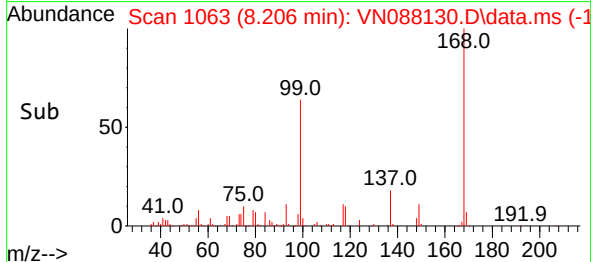
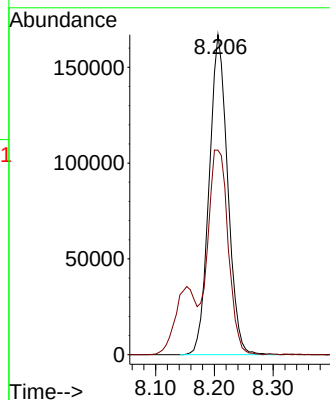
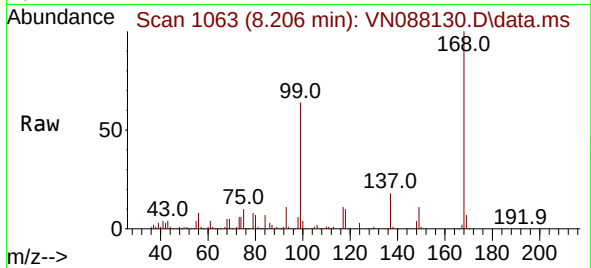




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VN088130.D
Acq: 28 Oct 2025 11:38

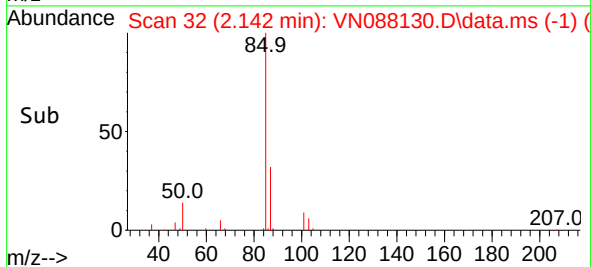
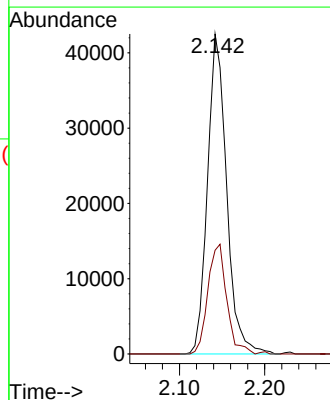
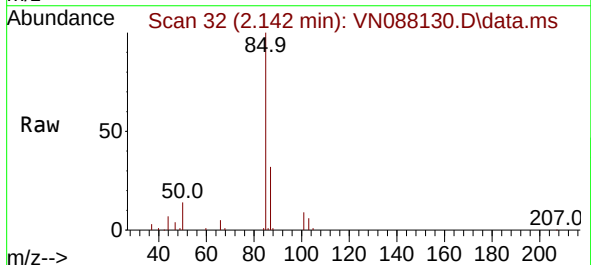
Instrument :
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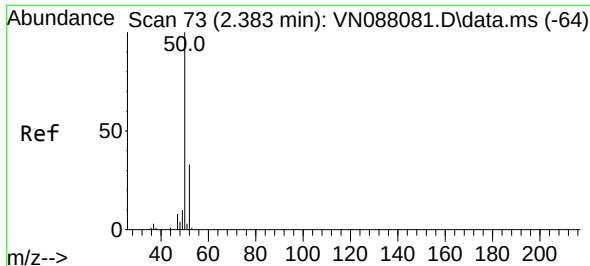
Tgt Ion:168 Resp: 365445
Ion Ratio Lower Upper
168 100
99 63.9 57.2 85.8



#2
Dichlorodifluoromethane
Concen: 16.062 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN088130.D
Acq: 28 Oct 2025 11:38

Tgt Ion: 85 Resp: 66211
Ion Ratio Lower Upper
85 100
87 32.4 16.6 49.8

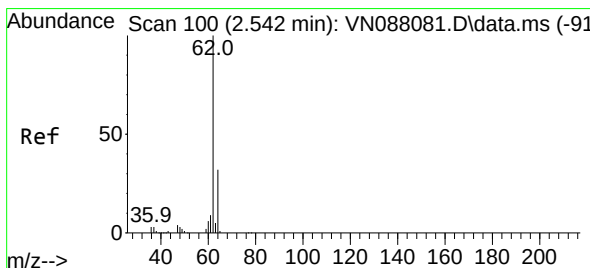
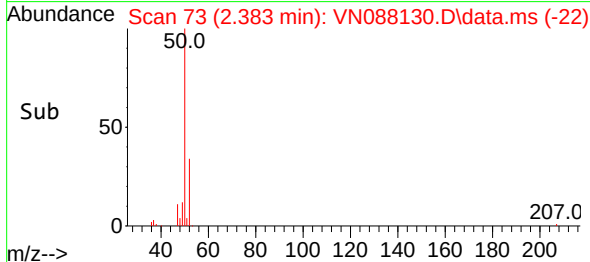
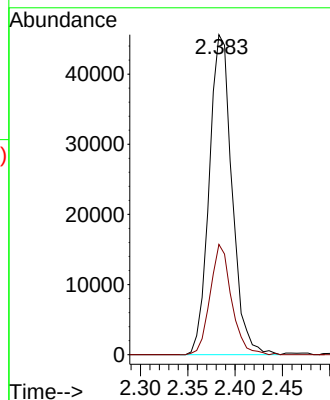
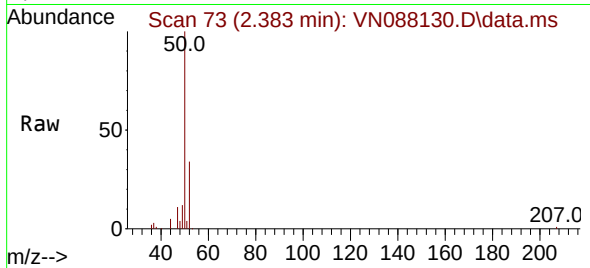




#3
Chloromethane
Concen: 15.731 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN088130.D
Acq: 28 Oct 2025 11:38

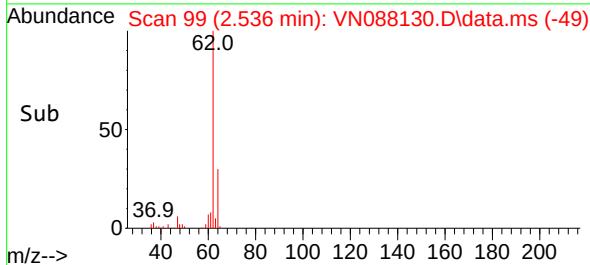
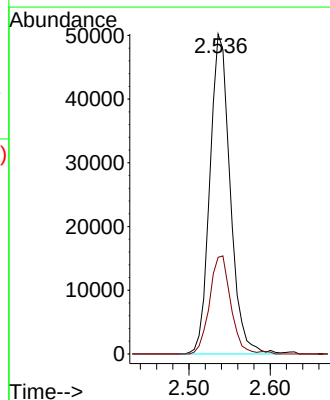
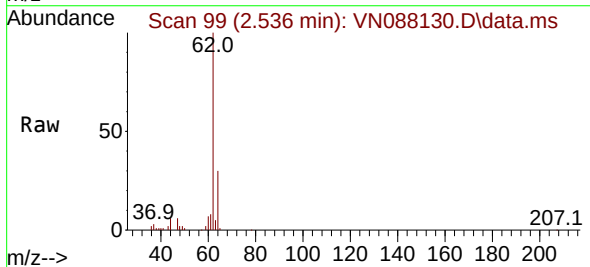
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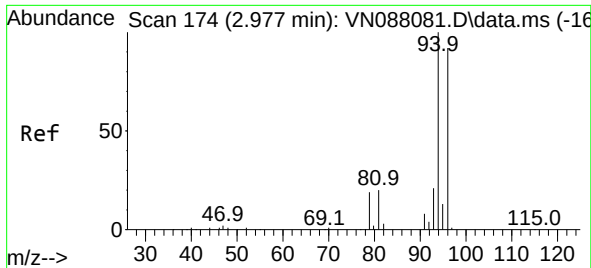
Tgt Ion: 50 Resp: 76287
Ion Ratio Lower Upper
50 100
52 34.5 26.2 39.4



#4
Vinyl Chloride
Concen: 16.494 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN088130.D
Acq: 28 Oct 2025 11:38

Tgt Ion: 62 Resp: 87155
Ion Ratio Lower Upper
62 100
64 30.2 24.6 37.0

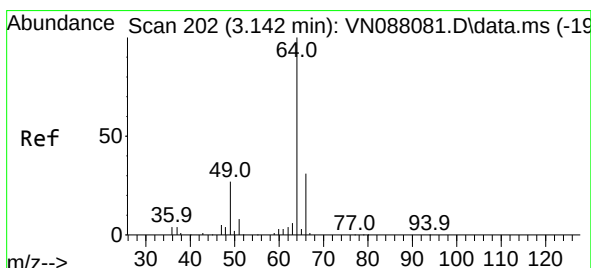
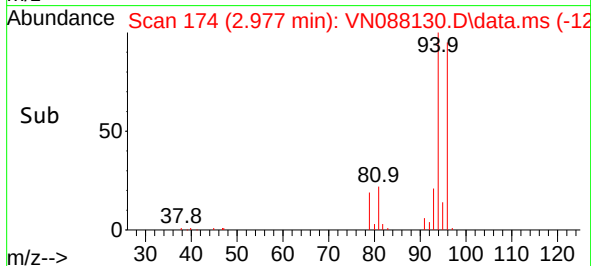
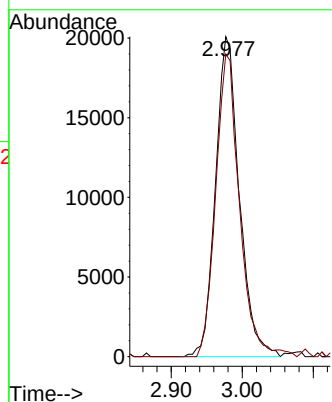
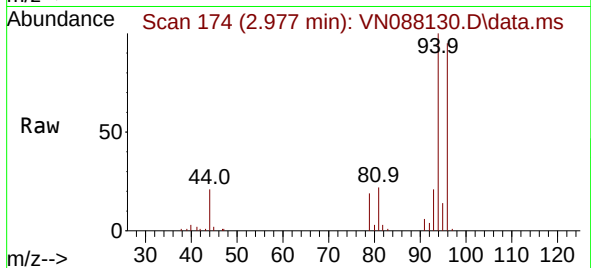




#5
Bromomethane
Concen: 14.785 ug/l
RT: 2.977 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN088130.D
Acq: 28 Oct 2025 11:38

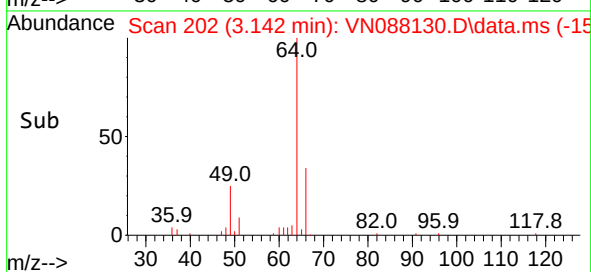
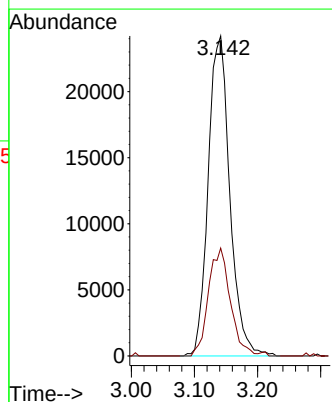
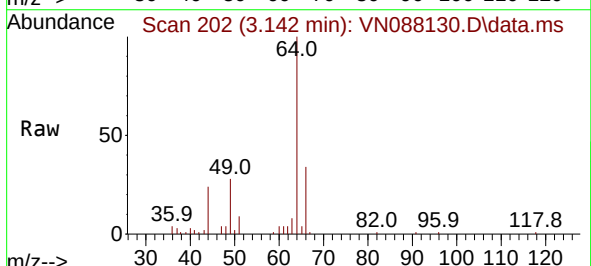
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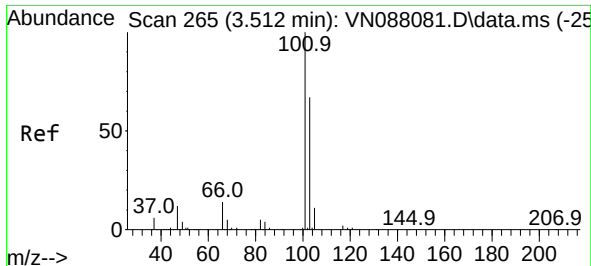
Tgt Ion: 94 Resp: 46727
Ion Ratio Lower Upper
94 100
96 94.6 75.4 113.2



#6
Chloroethane
Concen: 15.144 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.006 min
Lab File: VN088130.D
Acq: 28 Oct 2025 11:38

Tgt Ion: 64 Resp: 57655
Ion Ratio Lower Upper
64 100
66 33.7 26.2 39.2

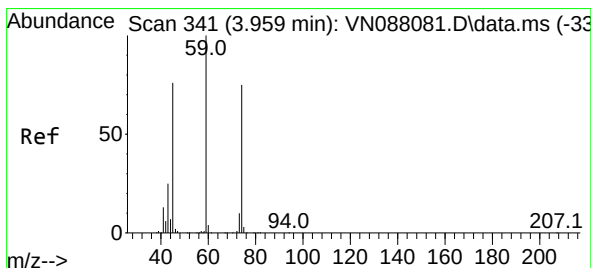
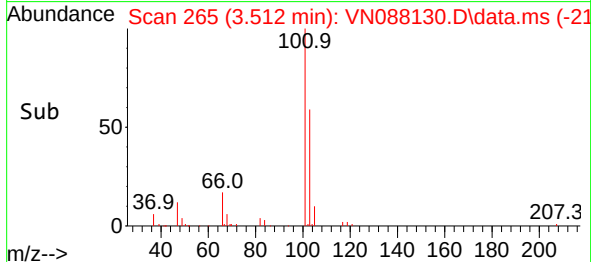
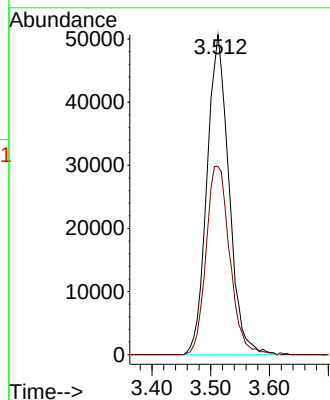
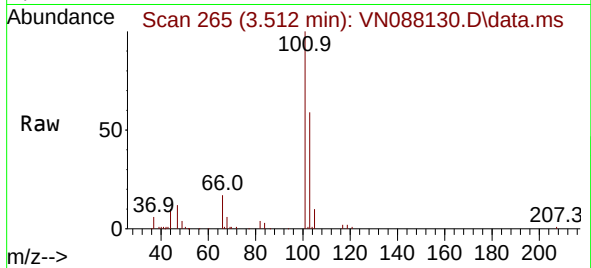




#7
Trichlorofluoromethane
Concen: 15.627 ug/l
RT: 3.512 min Scan# 265
Delta R.T. -0.000 min
Lab File: VN088130.D
Acq: 28 Oct 2025 11:38

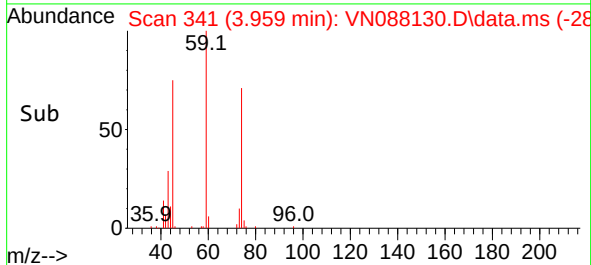
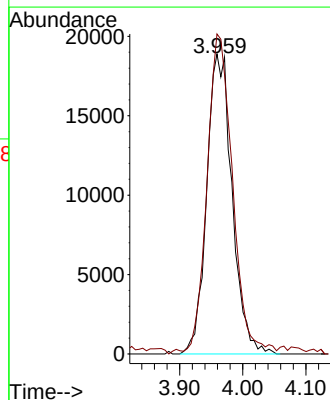
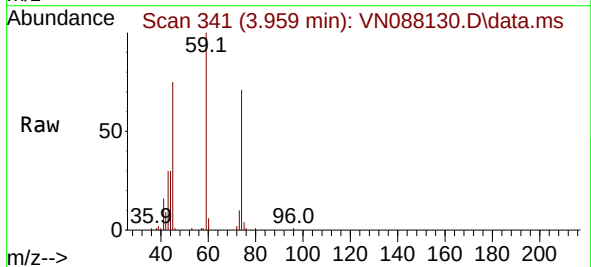
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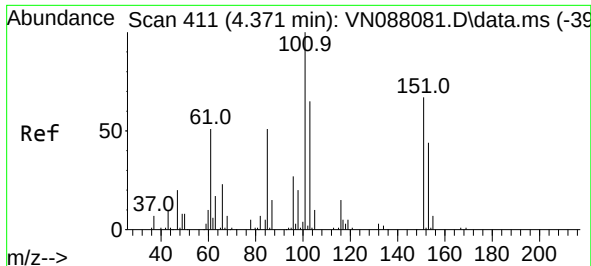
Tgt Ion:101 Resp: 131702
Ion Ratio Lower Upper
101 100
103 58.9 49.4 74.0



#8
Diethyl Ether
Concen: 16.850 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN088130.D
Acq: 28 Oct 2025 11:38

Tgt Ion: 74 Resp: 52780
Ion Ratio Lower Upper
74 100
45 104.3 50.6 151.9

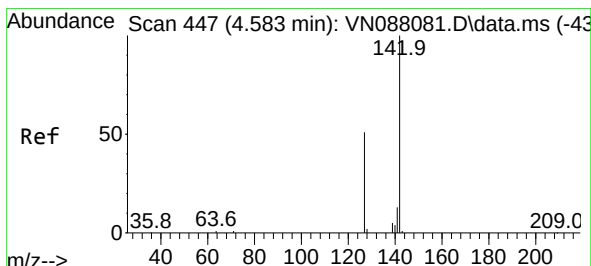
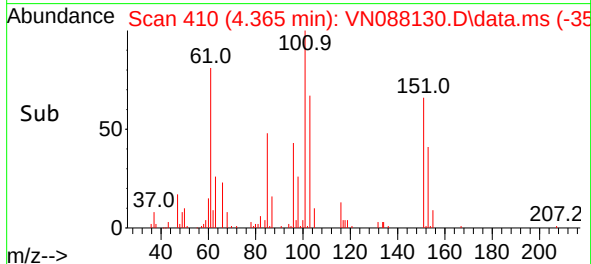
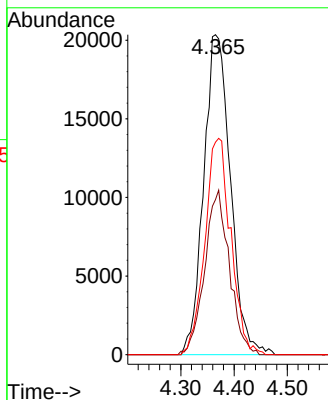
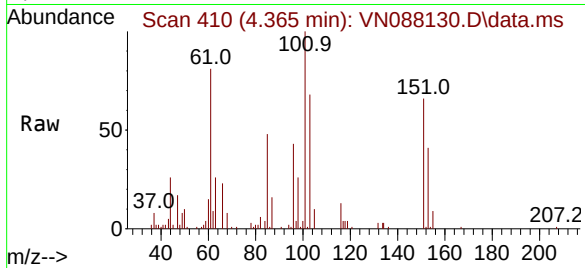




#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.342 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.000 min
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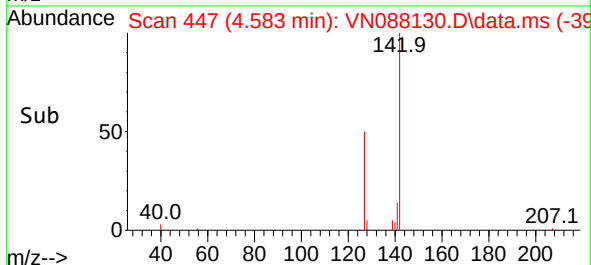
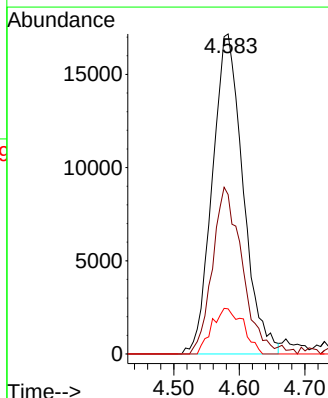
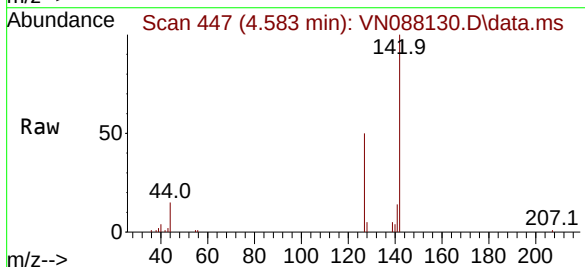
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ClientSampleId :
VN1028WBS01

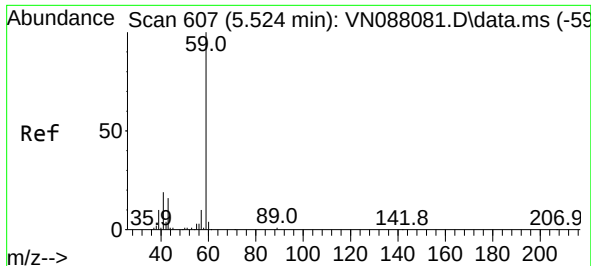
Tgt Ion:101 Resp: 71067
Ion Ratio Lower Upper
101 100
85 47.5 36.6 55.0
151 65.4 54.7 82.1



#10
Methyl Iodide
Concen: 16.120 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN088130.D
Acq: 28 Oct 2025 11:38

Tgt Ion:142 Resp: 55773
Ion Ratio Lower Upper
142 100
127 49.8 38.0 57.0
141 14.1 12.0 18.0

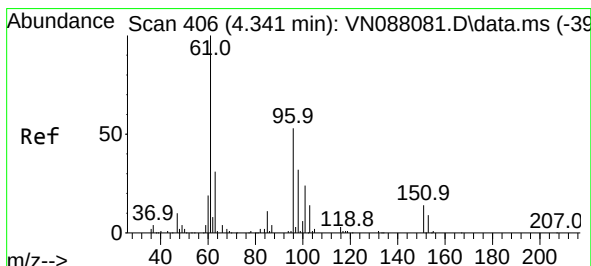
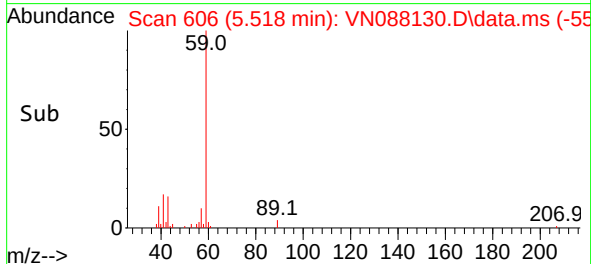
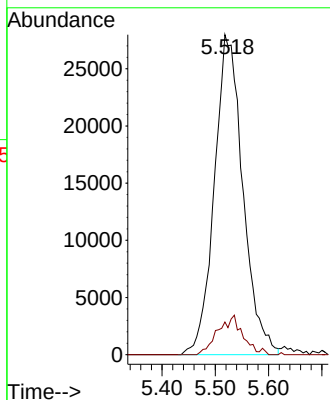
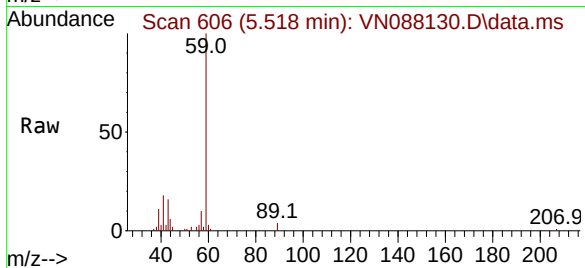




#11
Tert butyl alcohol
Concen: 95.632 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN088130.D
Acq: 28 Oct 2025 11:38

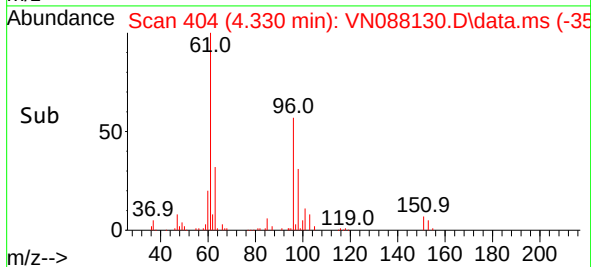
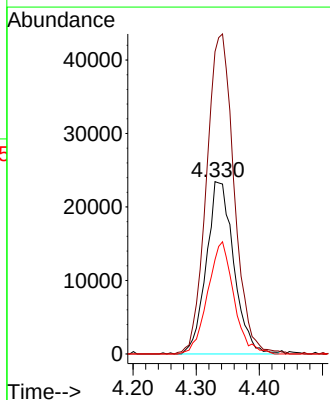
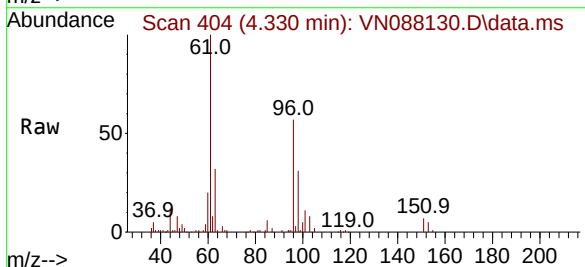
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

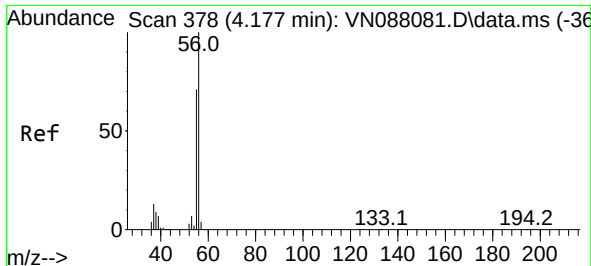
Tgt Ion: 59 Resp: 104113
Ion Ratio Lower Upper
59 100
57 10.5 9.0 13.4



#12
1,1-Dichloroethene
Concen: 15.402 ug/l
RT: 4.330 min Scan# 404
Delta R.T. -0.006 min
Lab File: VN088130.D
Acq: 28 Oct 2025 11:38

Tgt Ion: 96 Resp: 70747
Ion Ratio Lower Upper
96 100
61 174.4 143.8 215.8
98 54.6 52.1 78.1

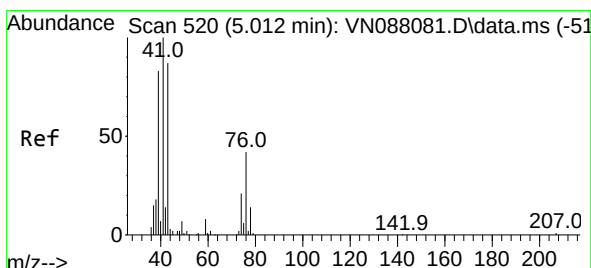
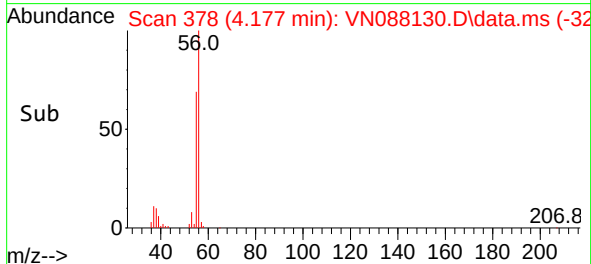
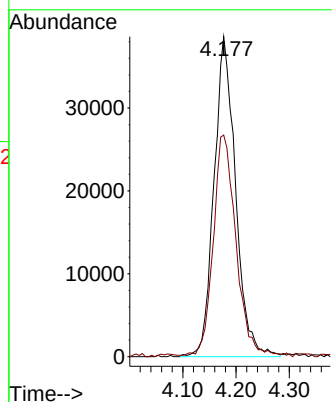
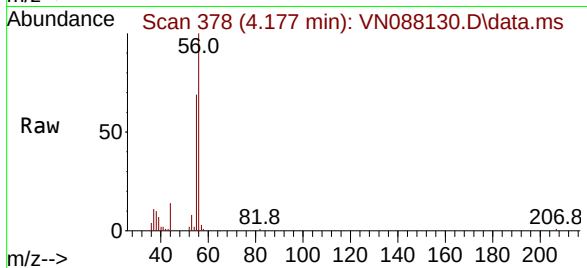




#13
Acrolein
Concen: 88.412 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN088130.D
Acq: 28 Oct 2025 11:38

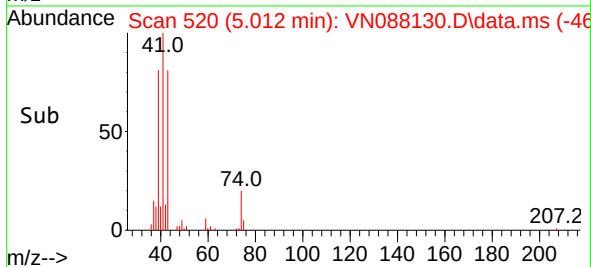
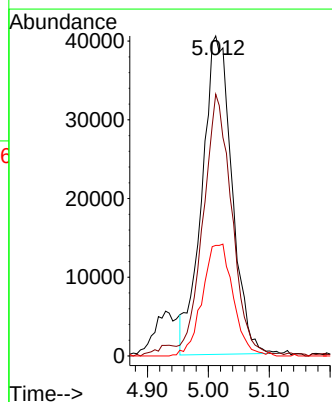
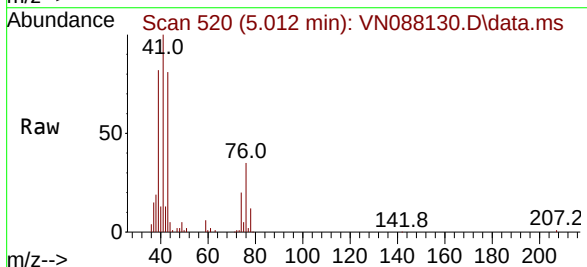
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

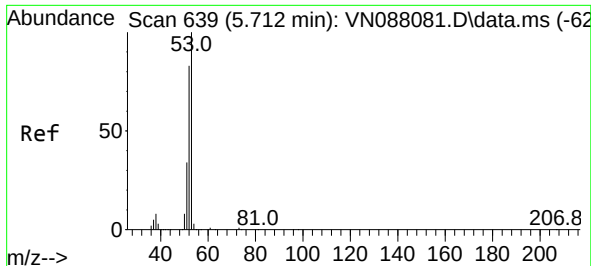
Tgt Ion: 56 Resp: 108267
Ion Ratio Lower Upper
56 100
55 73.9 57.3 85.9



#14
Allyl chloride
Concen: 17.151 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.006 min
Lab File: VN088130.D
Acq: 28 Oct 2025 11:38

Tgt Ion: 41 Resp: 138082
Ion Ratio Lower Upper
41 100
39 78.2 63.9 95.9
76 36.2 28.1 42.1

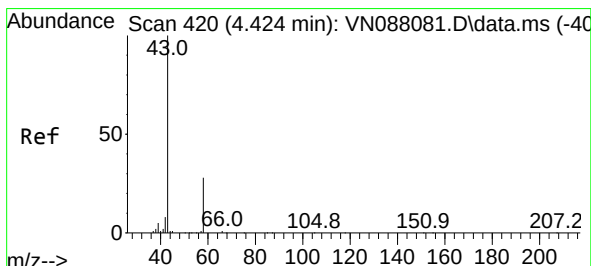
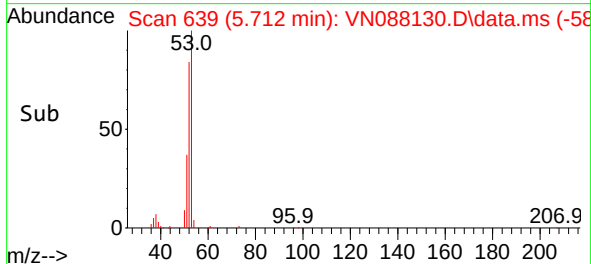
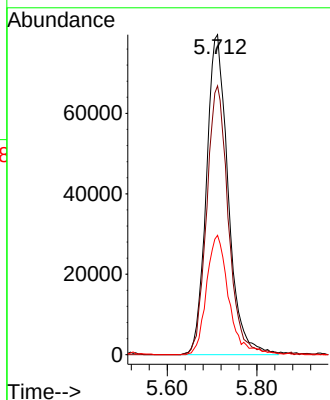
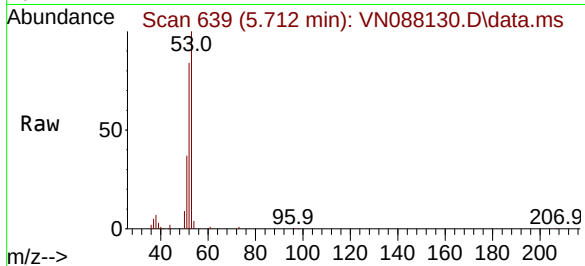




#15
Acrylonitrile
Concen: 90.581 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN088130.D
Acq: 28 Oct 2025 11:38

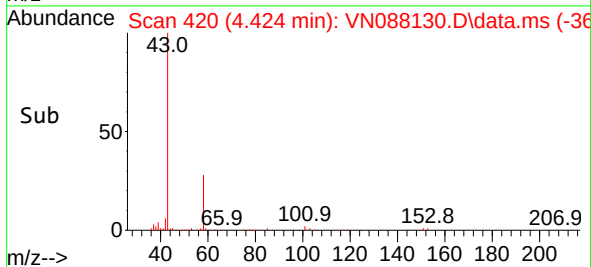
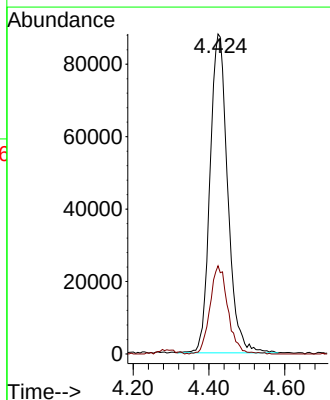
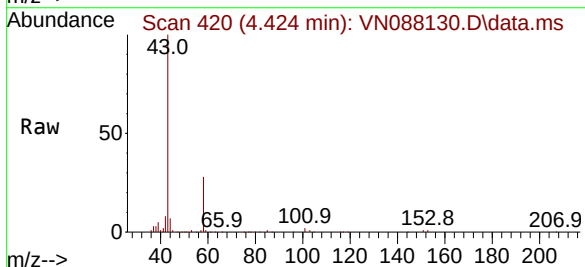
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

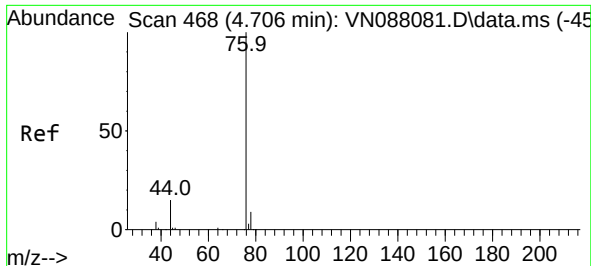
Tgt Ion: 53 Resp: 268618
Ion Ratio Lower Upper
53 100
52 83.7 67.6 101.4
51 38.3 30.1 45.1



#16
Acetone
Concen: 89.777 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN088130.D
Acq: 28 Oct 2025 11:38

Tgt Ion: 43 Resp: 285019
Ion Ratio Lower Upper
43 100
58 27.6 22.6 33.8

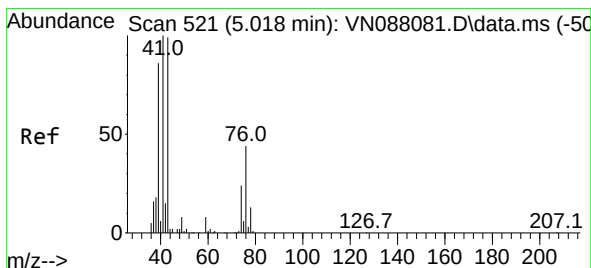
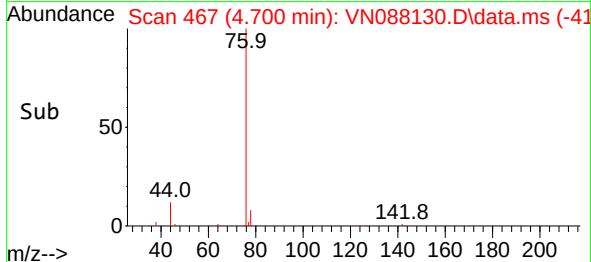
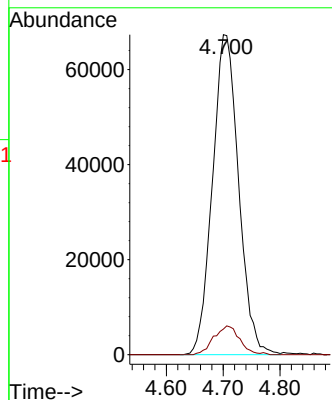
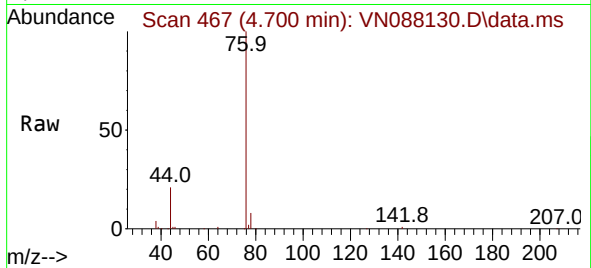




#17
Carbon Disulfide
Concen: 15.409 ug/l
RT: 4.700 min Scan# 468
Delta R.T. -0.000 min
Lab File: VN088130.D
Acq: 28 Oct 2025 11:38

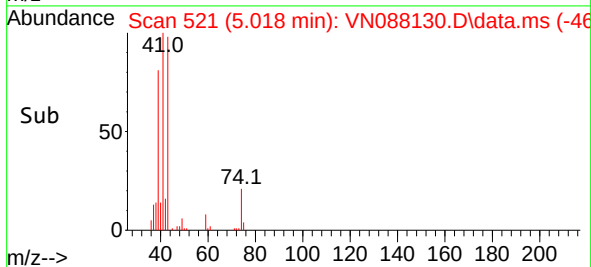
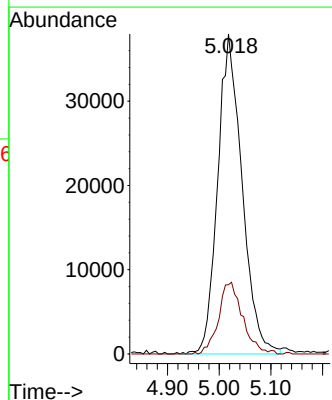
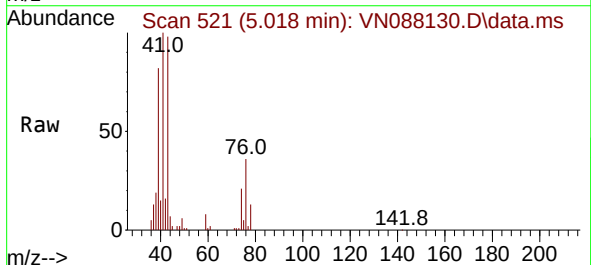
Instrument :
MSVOA_N
ClientSampleId :
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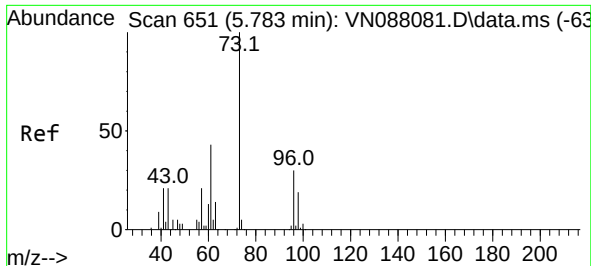
Tgt Ion: 76 Resp: 215150
Ion Ratio Lower Upper
76 100
78 8.0 7.6 11.4



#18
Methyl Acetate
Concen: 19.104 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN088130.D
Acq: 28 Oct 2025 11:38

Tgt Ion: 43 Resp: 124166
Ion Ratio Lower Upper
43 100
74 22.2 17.6 26.4

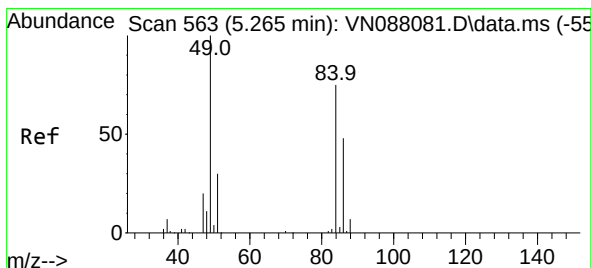
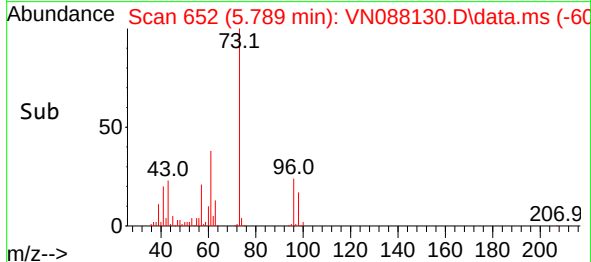
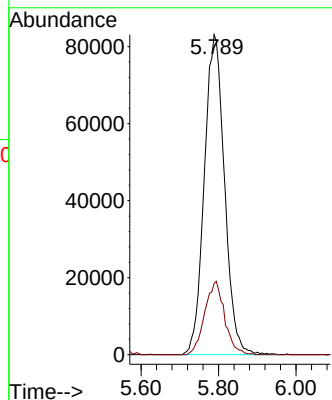
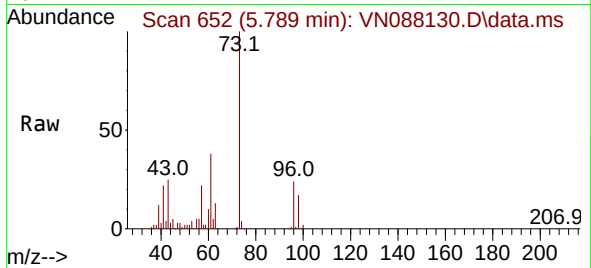




#19
Methyl tert-butyl Ether
Concen: 17.876 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN088130.D
Acq: 28 Oct 2025 11:38

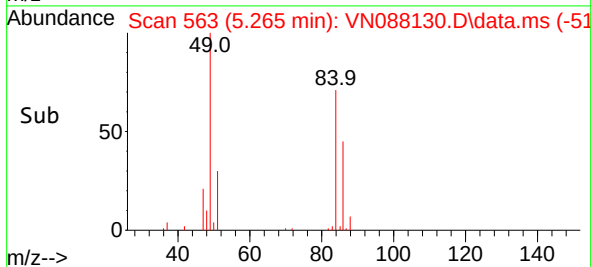
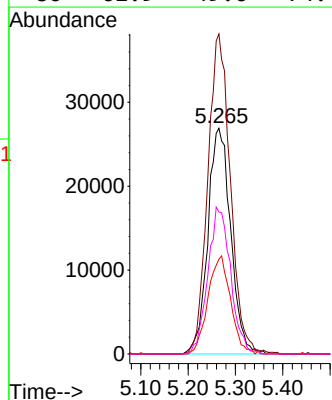
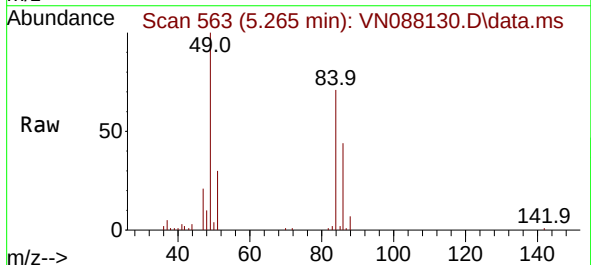
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

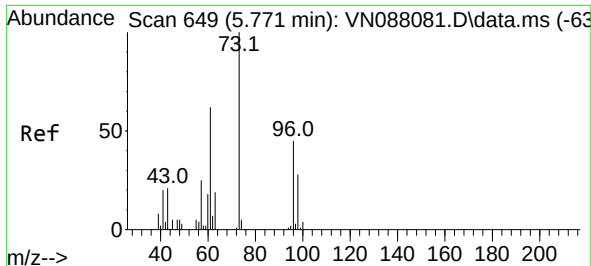
Tgt Ion: 73 Resp: 301534
Ion Ratio Lower Upper
73 100
57 22.3 18.4 27.6



#20
Methylene Chloride
Concen: 18.725 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN088130.D
Acq: 28 Oct 2025 11:38

Tgt Ion: 84 Resp: 90099
Ion Ratio Lower Upper
84 100
49 141.7 103.4 155.2
51 42.0 33.8 50.8
86 62.9 49.6 74.4

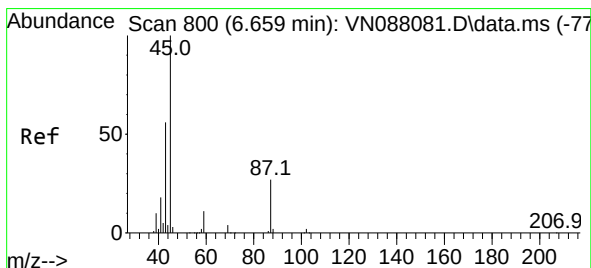
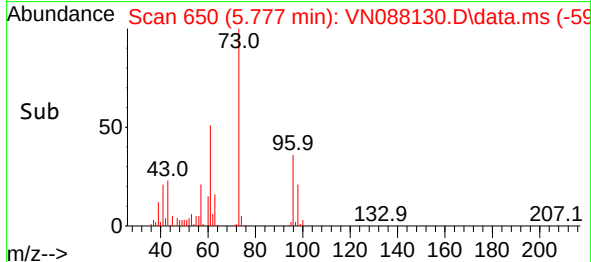
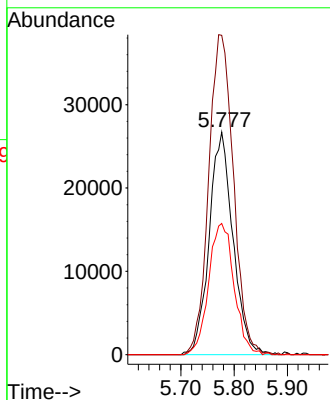
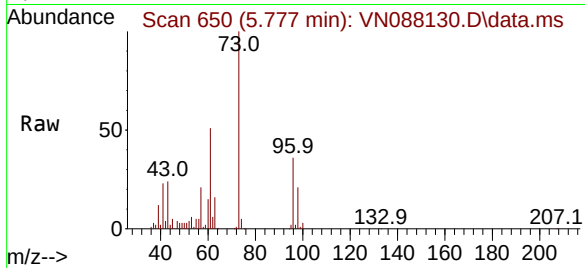




#21
trans-1,2-Dichloroethene
Concen: 16.416 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN088130.D
Acq: 28 Oct 2025 11:38

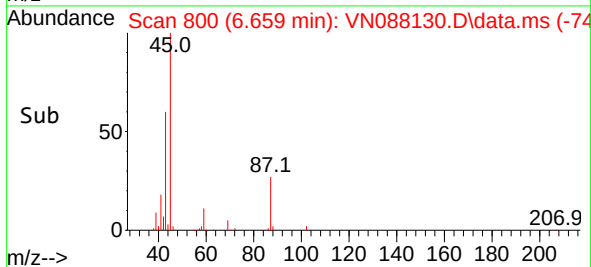
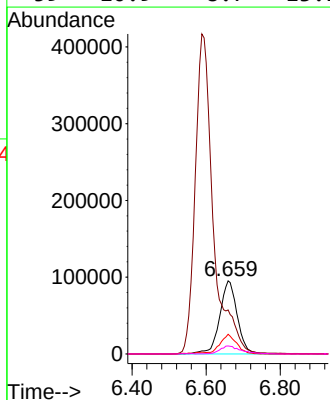
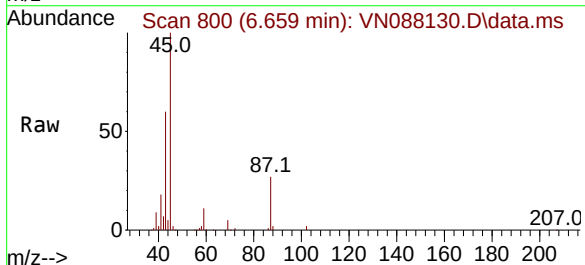
Instrument :
MSVOA_N
ClientSampleId :
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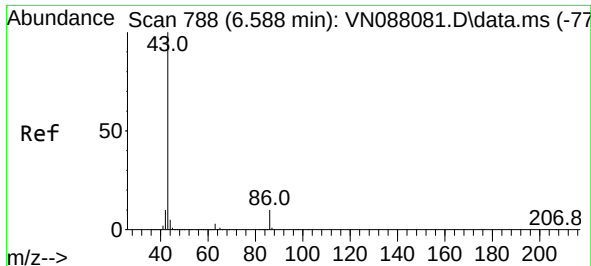
Tgt Ion: 96 Resp: 82767
Ion Ratio Lower Upper
96 100
61 143.5 118.0 177.0
98 59.0 50.0 75.0



#22
Diisopropyl ether
Concen: 18.449 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN088130.D
Acq: 28 Oct 2025 11:38

Tgt Ion: 45 Resp: 312361
Ion Ratio Lower Upper
45 100
43 59.7 47.7 71.5
87 26.9 21.4 32.0
59 10.9 8.7 13.1

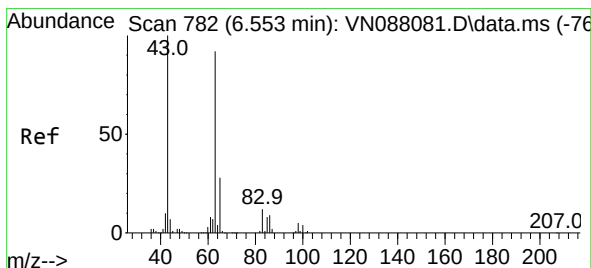
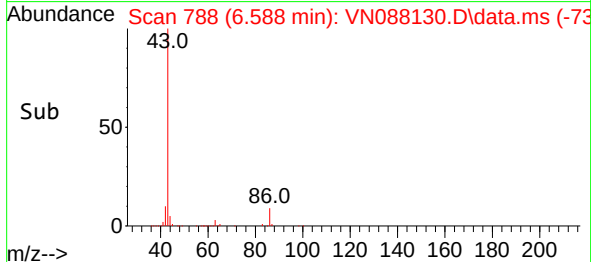
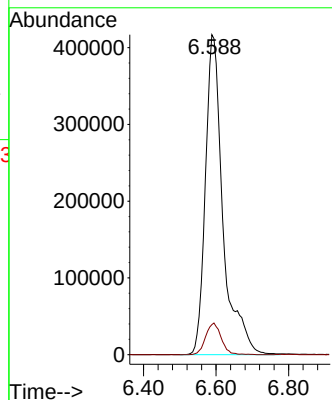
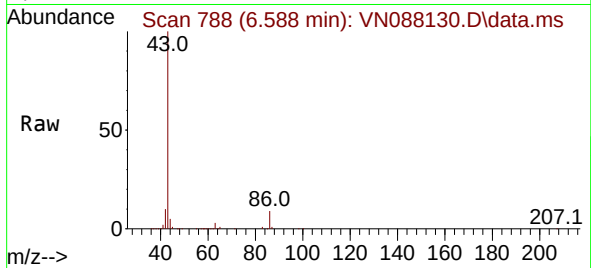




#23
 Vinyl Acetate
 Concen: 92.106 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VN088130.D
 Acq: 28 Oct 2025 11:38

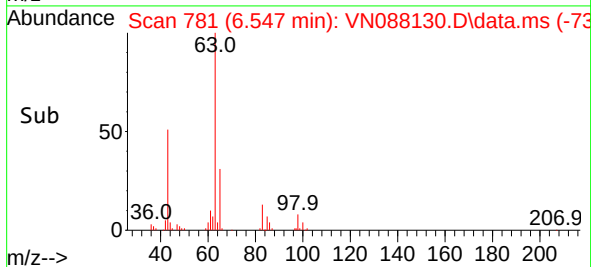
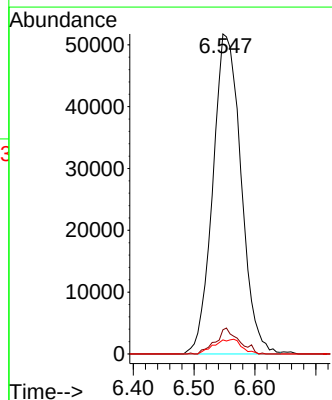
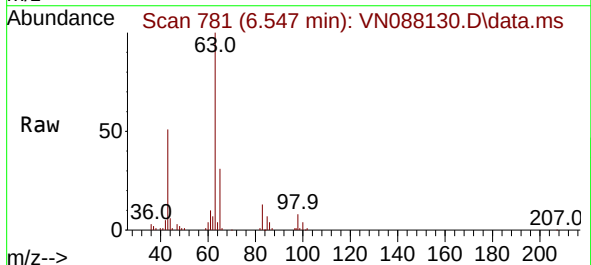
Instrument :
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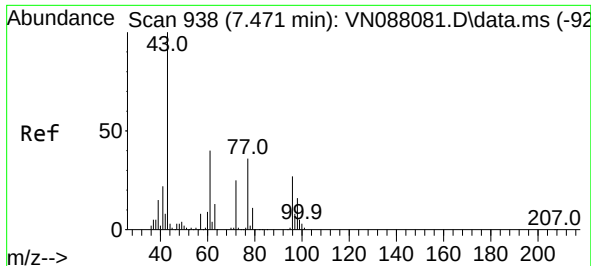
Tgt Ion: 43 Resp: 1404757
 Ion Ratio Lower Upper
 43 100
 86 9.4 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 17.777 ug/l
 RT: 6.547 min Scan# 781
 Delta R.T. -0.000 min
 Lab File: VN088130.D
 Acq: 28 Oct 2025 11:38

Tgt Ion: 63 Resp: 166726
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.8 11.4
 100 4.4 2.0 6.0

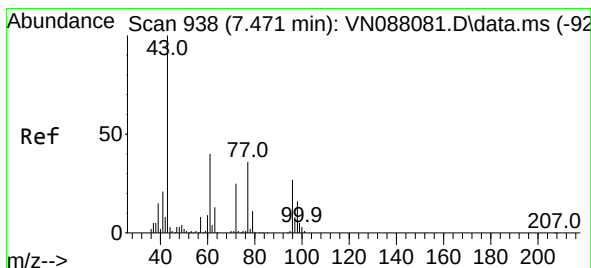
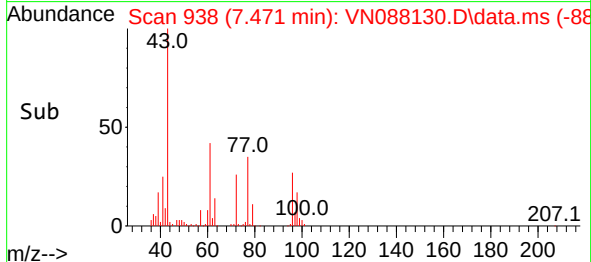
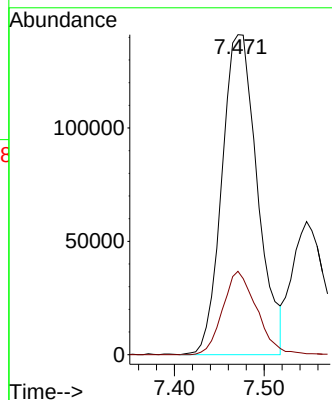
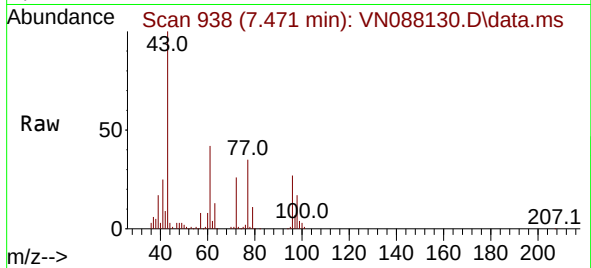




#25
2-Butanone
Concen: 92.880 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088130.D
Acq: 28 Oct 2025 11:38

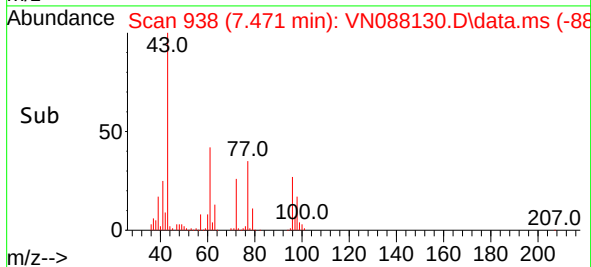
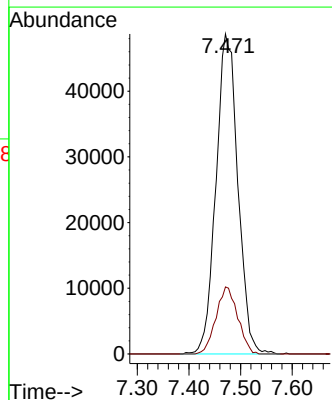
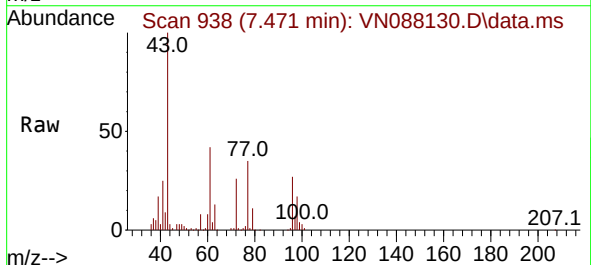
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

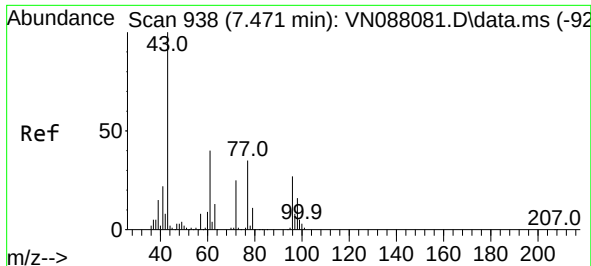
Tgt Ion: 43 Resp: 388592
Ion Ratio Lower Upper
43 100
72 26.1 19.9 29.9



#26
2,2-Dichloropropane
Concen: 16.797 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN088130.D
Acq: 28 Oct 2025 11:38

Tgt Ion: 77 Resp: 143162
Ion Ratio Lower Upper
77 100
97 20.7 10.9 32.7

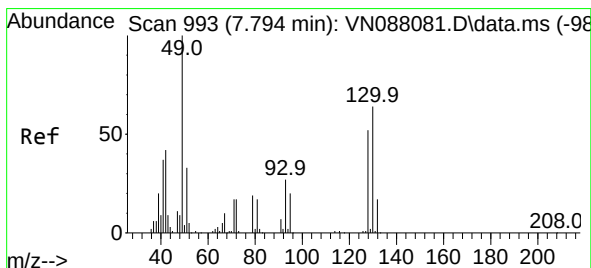
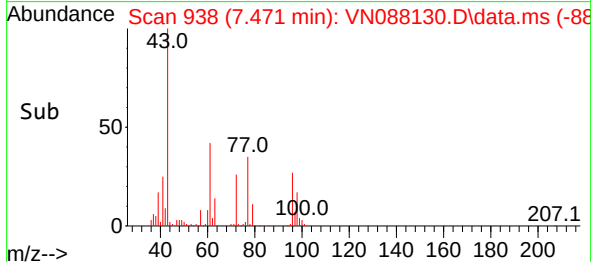
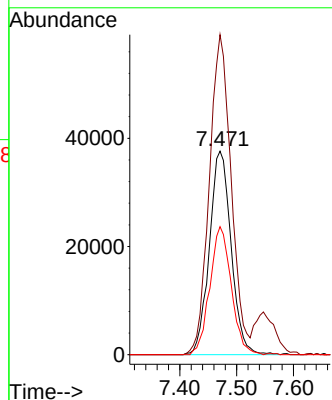
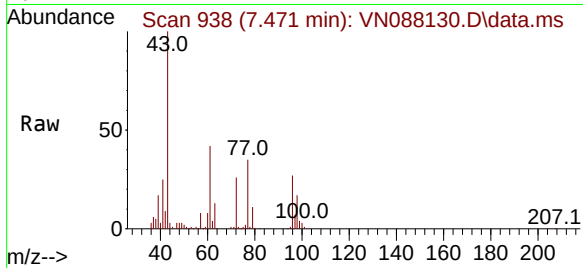




#27
 cis-1,2-Dichloroethene
 Concen: 17.244 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN088130.D
 Acq: 28 Oct 2025 11:38

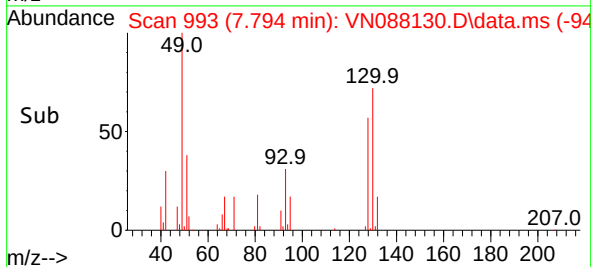
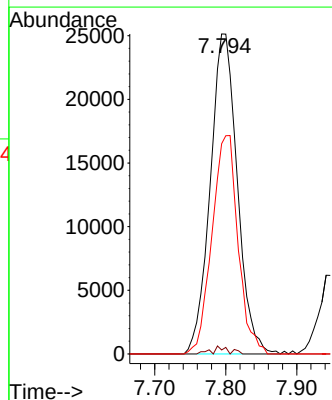
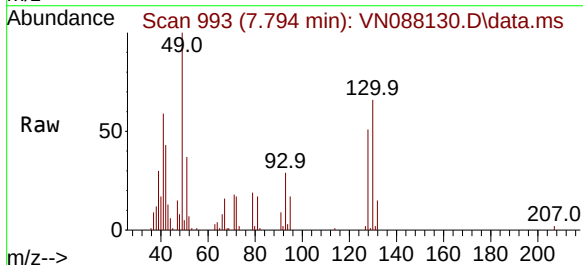
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBS01

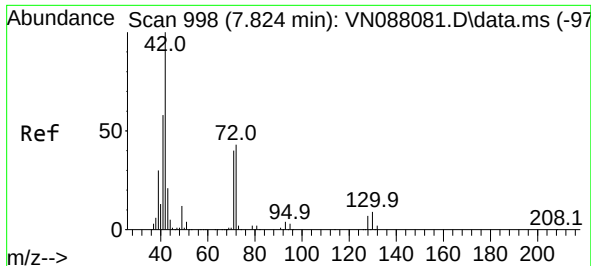
Tgt Ion: 96 Resp: 100090
 Ion Ratio Lower Upper
 96 100
 61 157.7 0.0 301.8
 98 61.9 0.0 126.2



#28
 Bromochloromethane
 Concen: 15.026 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN088130.D
 Acq: 28 Oct 2025 11:38

Tgt Ion: 49 Resp: 66588
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 3.0
 130 65.6 53.1 79.7

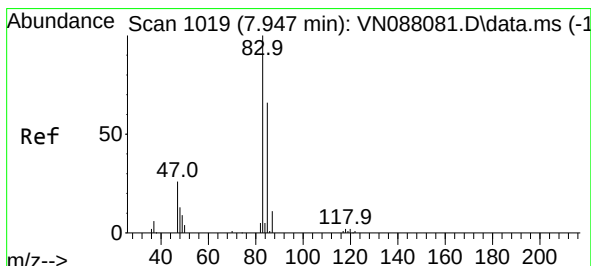
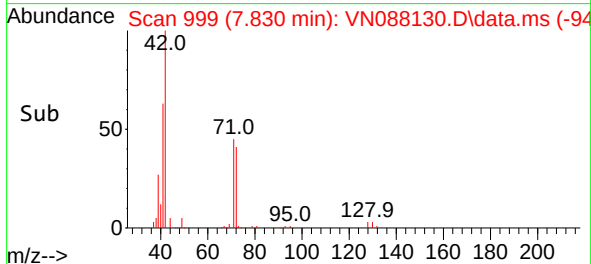
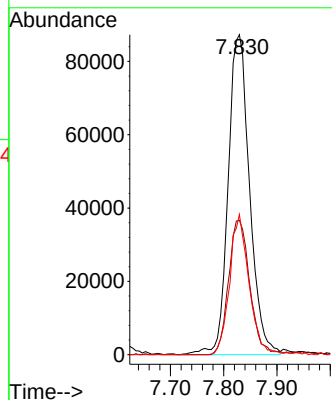
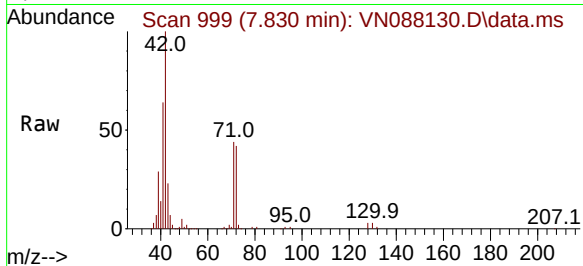




#29
Tetrahydrofuran
Concen: 89.730 ug/l
RT: 7.830 min Scan# 998
Delta R.T. 0.006 min
Lab File: VN088130.D
Acq: 28 Oct 2025 11:38

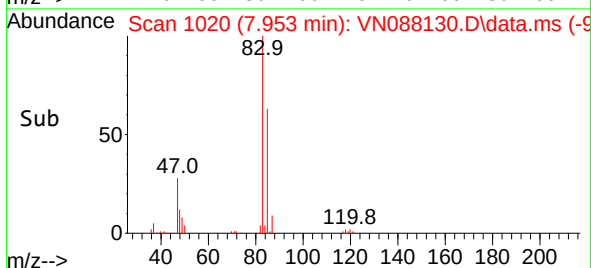
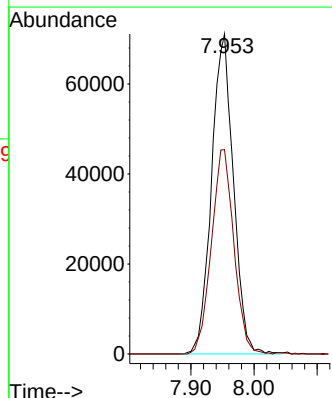
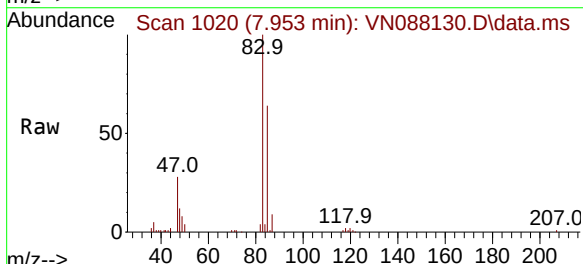
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

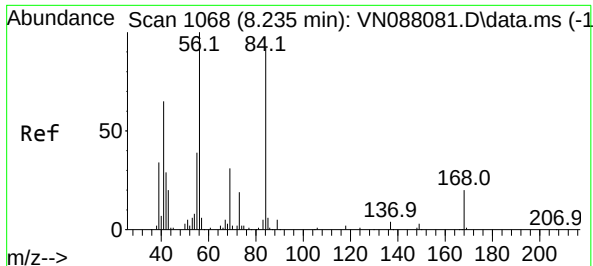
Tgt Ion: 42 Resp: 244660
Ion Ratio Lower Upper
42 100
72 41.7 33.7 50.5
71 39.6 31.9 47.9



#30
Chloroform
Concen: 18.224 ug/l
RT: 7.953 min Scan# 1020
Delta R.T. 0.006 min
Lab File: VN088130.D
Acq: 28 Oct 2025 11:38

Tgt Ion: 83 Resp: 170756
Ion Ratio Lower Upper
83 100
85 63.9 50.7 76.1

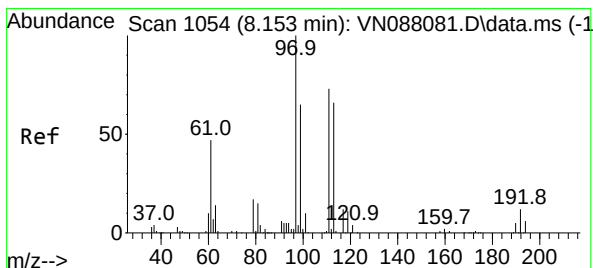
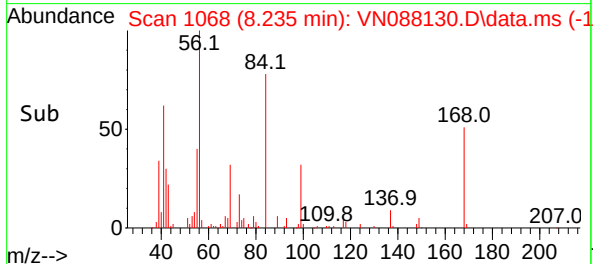
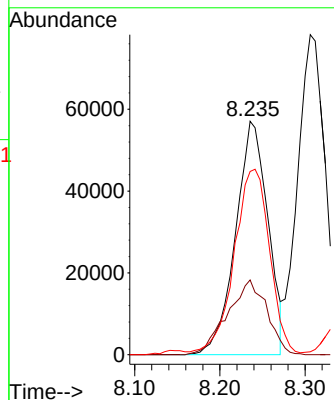
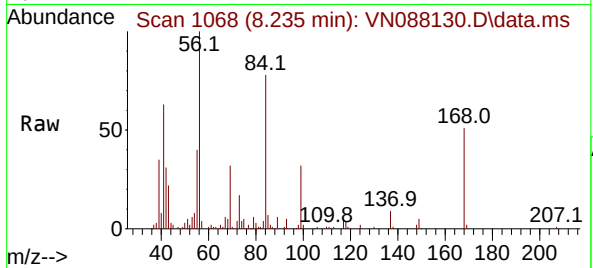




#31
Cyclohexane
Concen: 17.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN088130.D
Acq: 28 Oct 2025 11:38

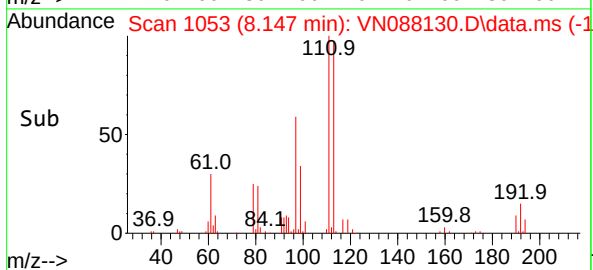
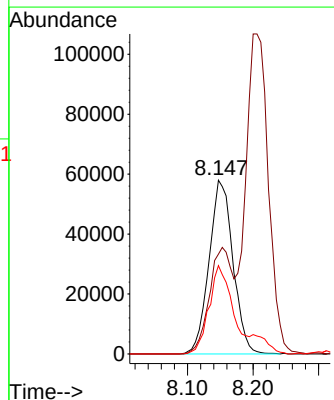
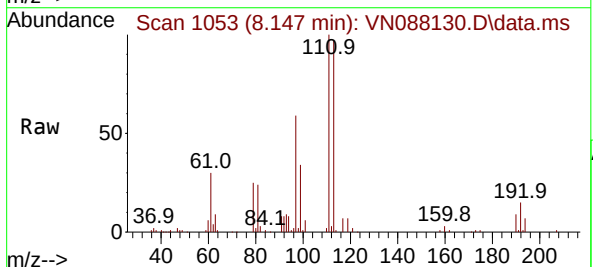
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

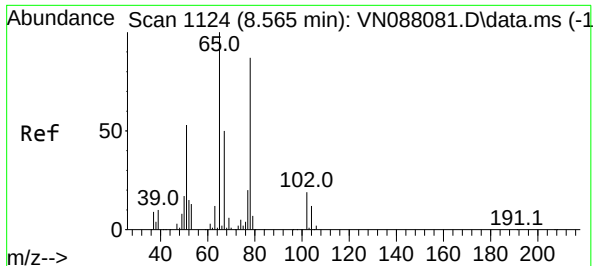
Tgt Ion: 56 Resp: 150374
Ion Ratio Lower Upper
56 100
69 32.0 23.7 35.5
84 76.8 64.7 97.1



#32
1,1,1-Trichloroethane
Concen: 17.597 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088130.D
Acq: 28 Oct 2025 11:38

Tgt Ion: 97 Resp: 146848
Ion Ratio Lower Upper
97 100
99 58.4 52.2 78.2
61 50.4 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 52.917 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. 0.006 min

Lab File: VN088130.D

Acq: 28 Oct 2025 11:38

Instrument :

MSVOA_N

ClientSampleId :

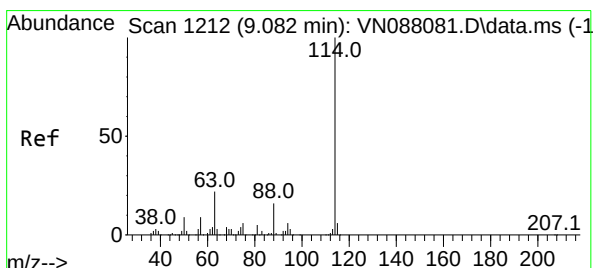
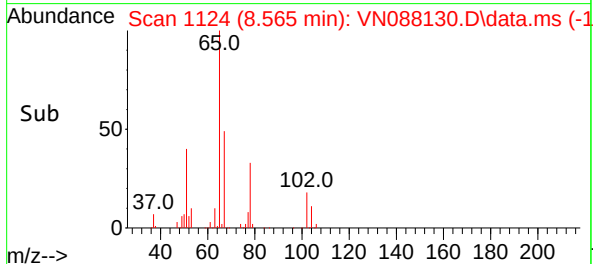
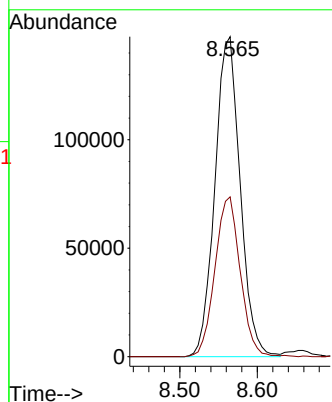
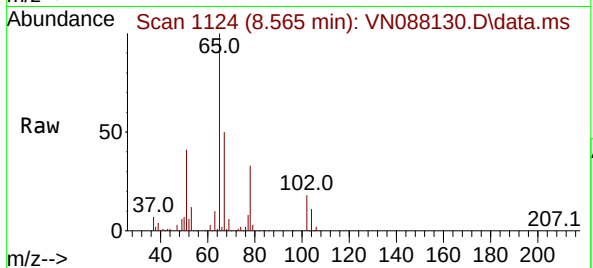
VN1028WBS01

Tgt Ion: 65 Resp: 334399

Ion Ratio Lower Upper

65 100

67 50.0 0.0 100.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN088130.D

Acq: 28 Oct 2025 11:38

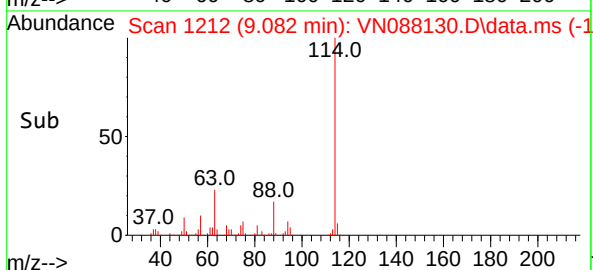
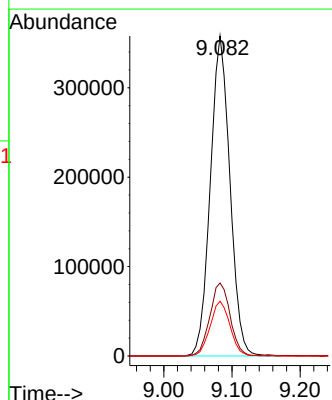
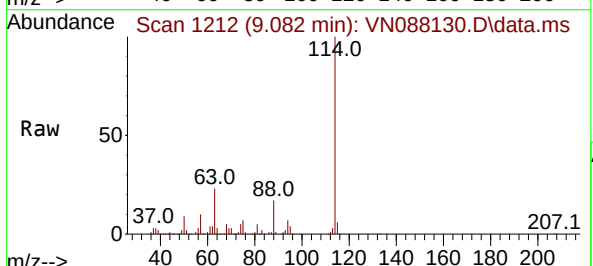
Tgt Ion: 114 Resp: 715516

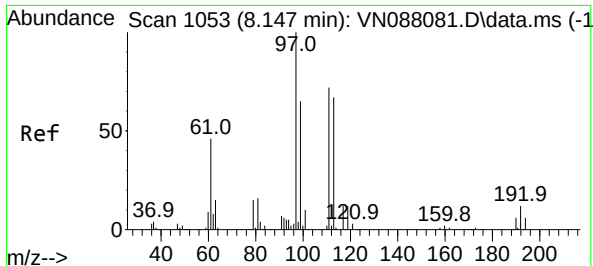
Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.2

88 17.1 0.0 33.4

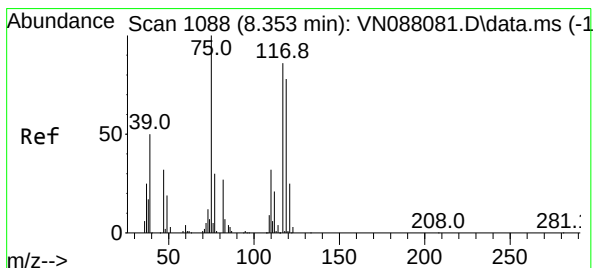
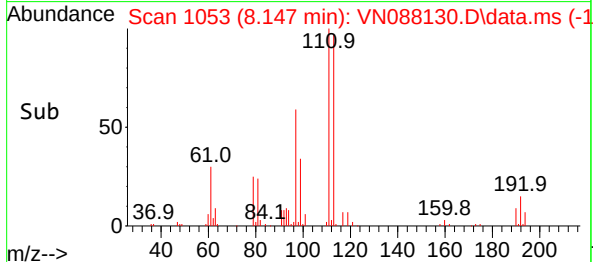
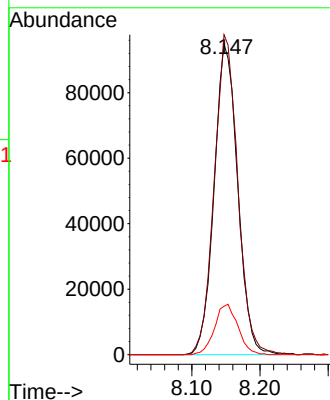
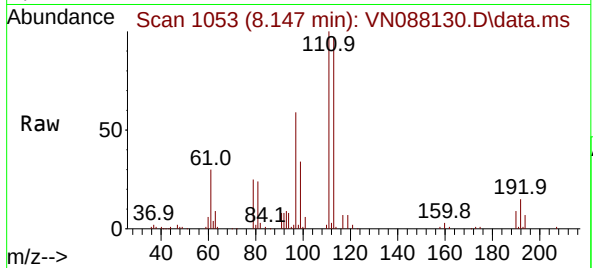




#35
Dibromofluoromethane
Concen: 47.443 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088130.D
Acq: 28 Oct 2025 11:38

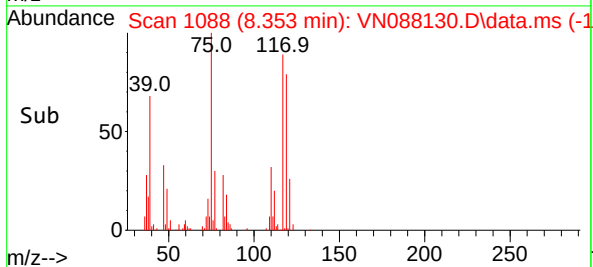
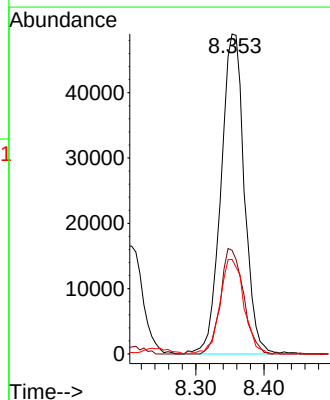
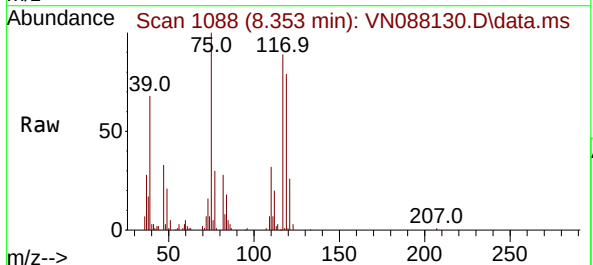
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

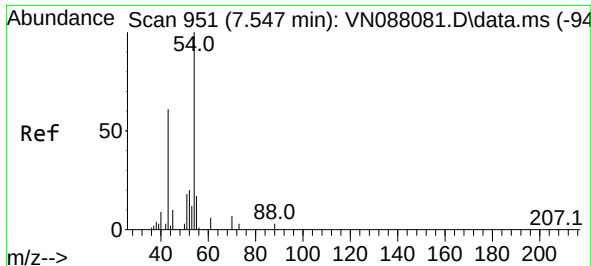
Tgt Ion:113 Resp: 228055
Ion Ratio Lower Upper
113 100
111 102.8 82.8 124.2
192 16.1 12.8 19.2



#36
1,1-Dichloropropene
Concen: 16.624 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VN088130.D
Acq: 28 Oct 2025 11:38

Tgt Ion: 75 Resp: 116680
Ion Ratio Lower Upper
75 100
110 32.4 15.9 47.6
77 30.6 24.4 36.6





#37

Ethyl Acetate

Concen: 17.101 ug/l

RT: 7.547 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN088130.D

Acq: 28 Oct 2025 11:38

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBS01

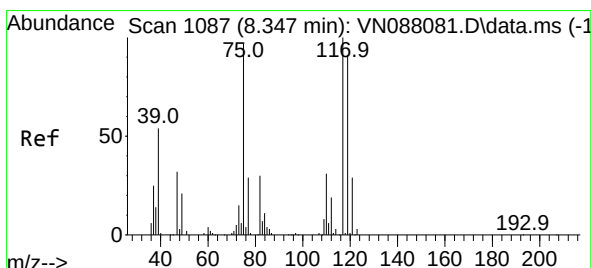
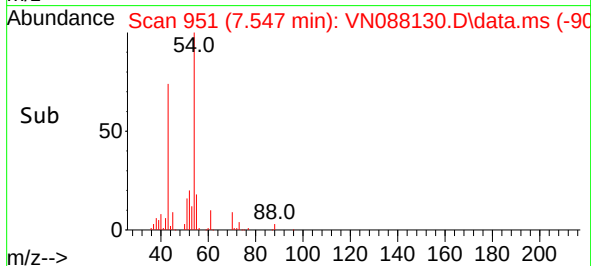
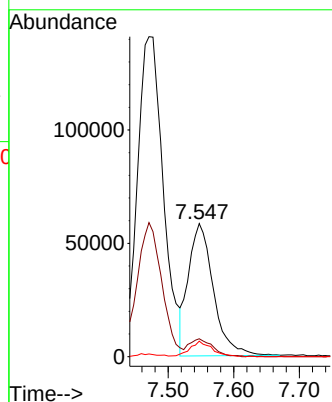
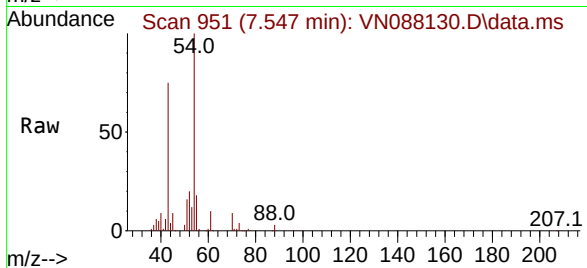
Tgt Ion: 43 Resp: 154894

Ion Ratio Lower Upper

43 100

61 12.6 9.3 13.9

70 10.5 7.0 10.6



#38

Carbon Tetrachloride

Concen: 16.646 ug/l

RT: 8.347 min Scan# 1087

Delta R.T. 0.006 min

Lab File: VN088130.D

Acq: 28 Oct 2025 11:38

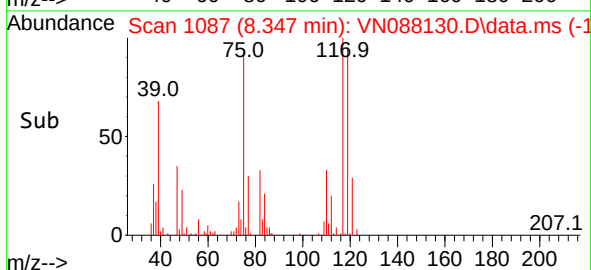
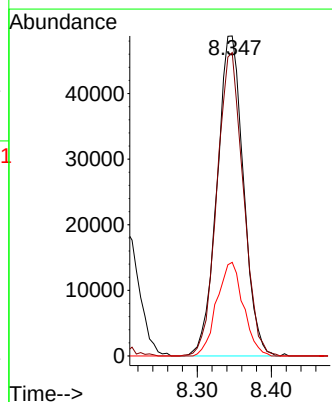
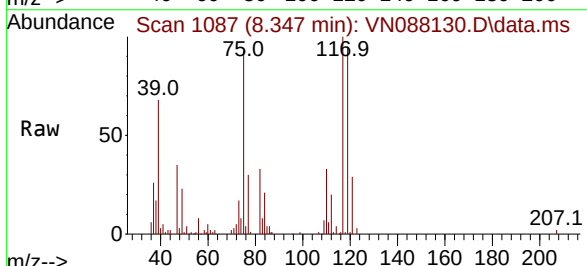
Tgt Ion: 117 Resp: 120669

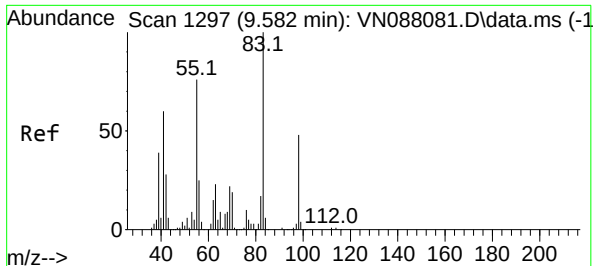
Ion Ratio Lower Upper

117 100

119 94.8 79.0 118.6

121 29.2 25.0 37.6





#39

Methylcyclohexane

Concen: 15.345 ug/l

RT: 9.582 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VN088130.D

Acq: 28 Oct 2025 11:38

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBS01

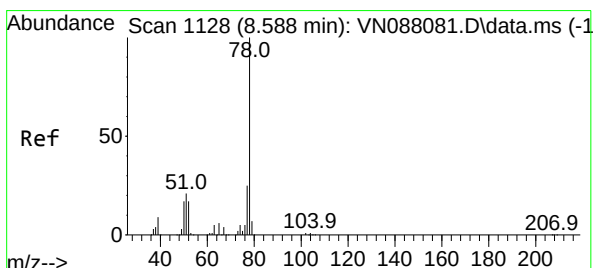
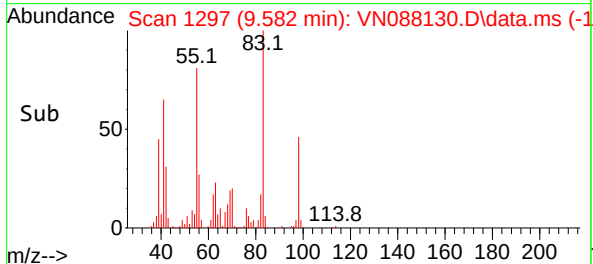
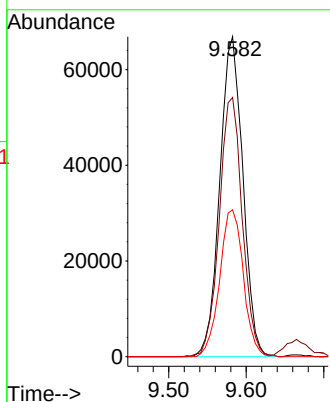
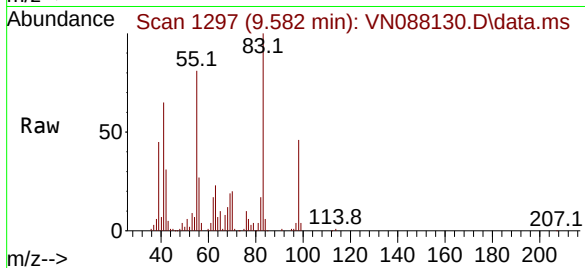
Tgt Ion: 83 Resp: 138438

Ion Ratio Lower Upper

83 100

55 81.0 64.6 96.8

98 45.9 38.4 57.6



#40

Benzene

Concen: 16.703 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN088130.D

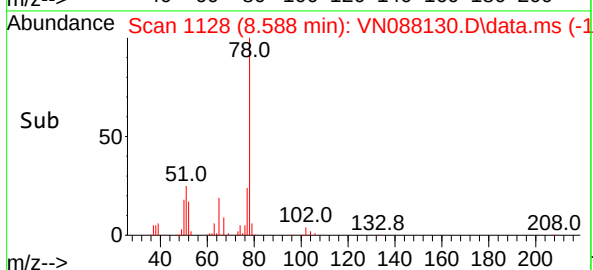
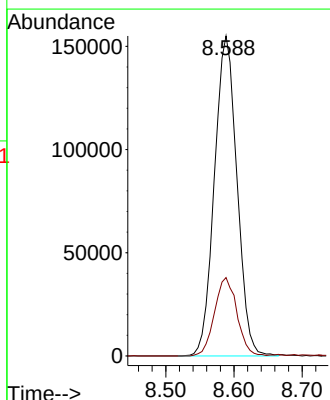
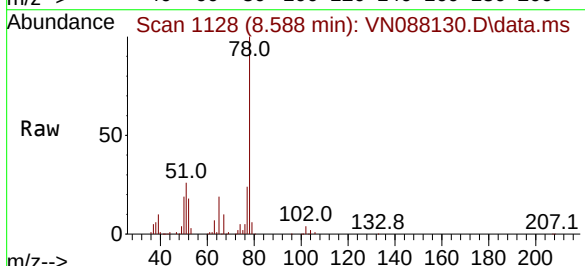
Acq: 28 Oct 2025 11:38

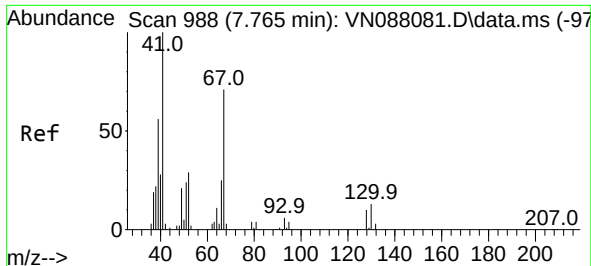
Tgt Ion: 78 Resp: 357031

Ion Ratio Lower Upper

78 100

77 24.5 19.7 29.5

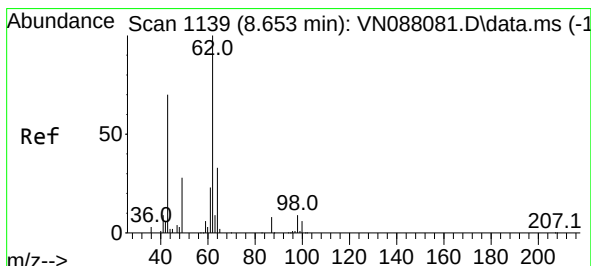
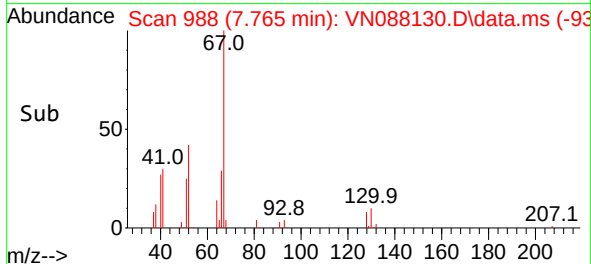
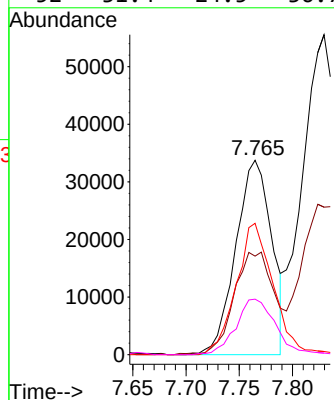
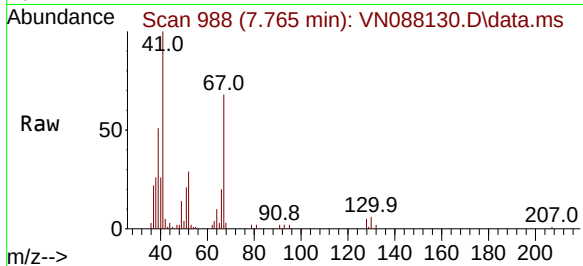




#41
Methacrylonitrile
Concen: 16.651 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088130.D
Acq: 28 Oct 2025 11:38

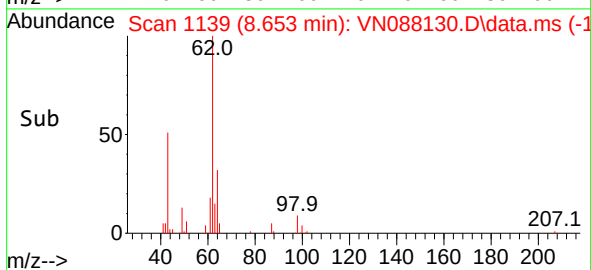
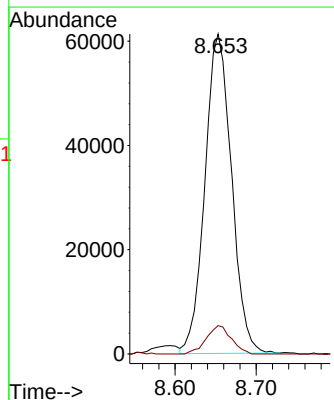
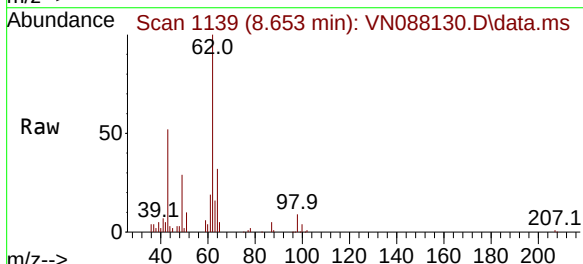
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

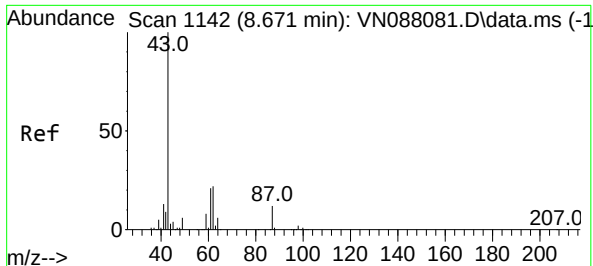
Tgt Ion:	41	Resp:	79377
Ion	Ratio	Lower	Upper
41	100		
39	60.5	45.4	68.0
67	69.5	55.3	82.9
52	31.4	24.5	36.7



#42
1,2-Dichloroethane
Concen: 18.378 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN088130.D
Acq: 28 Oct 2025 11:38

Tgt Ion:	62	Resp:	139579
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.4

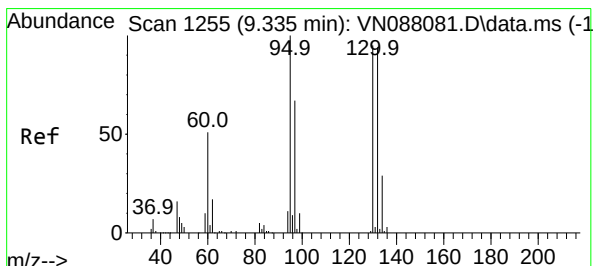
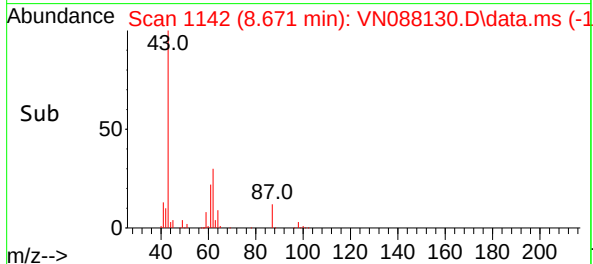
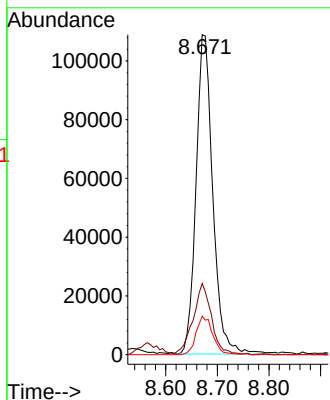
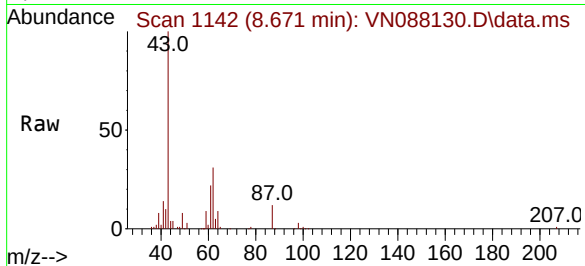




#43
Isopropyl Acetate
Concen: 17.621 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN088130.D
Acq: 28 Oct 2025 11:38

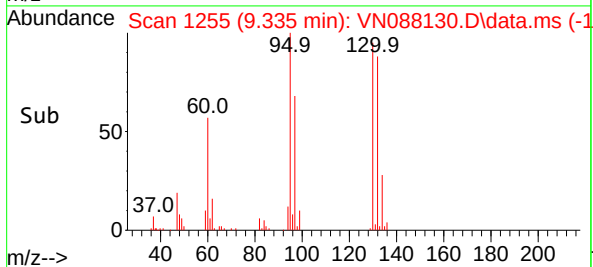
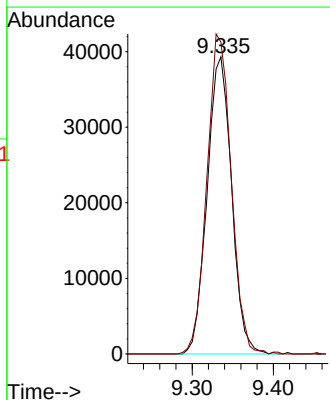
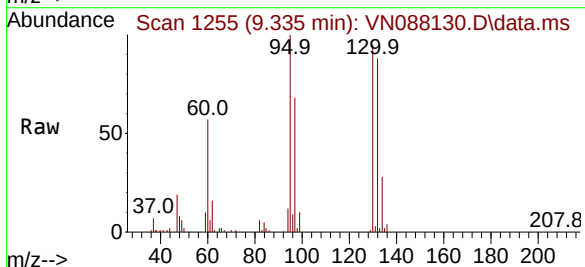
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

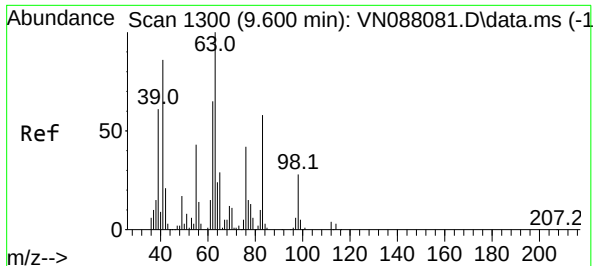
Tgt Ion: 43 Resp: 245248
Ion Ratio Lower Upper
43 100
61 23.9 18.8 28.2
87 11.9 9.6 14.4



#44
Trichloroethene
Concen: 16.491 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.006 min
Lab File: VN088130.D
Acq: 28 Oct 2025 11:38

Tgt Ion:130 Resp: 82393
Ion Ratio Lower Upper
130 100
95 105.0 0.0 212.0





#45

1,2-Dichloropropane

Concen: 17.284 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN088130.D

Acq: 28 Oct 2025 11:38

Instrument :

MSVOA_N

ClientSampleId :

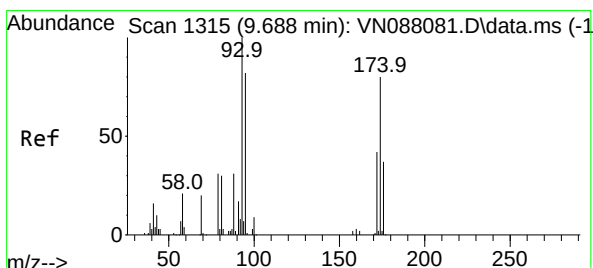
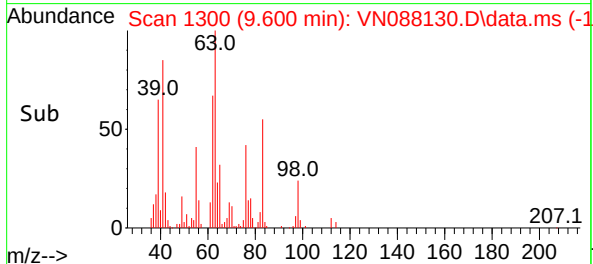
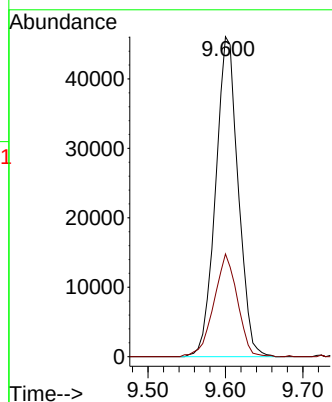
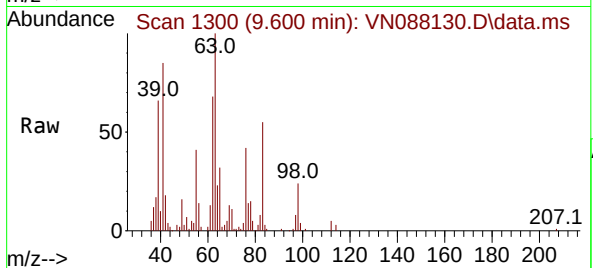
VN1028WBS01

Tgt Ion: 63 Resp: 93267

Ion Ratio Lower Upper

63 100

65 32.1 25.0 37.4



#46

Dibromomethane

Concen: 17.571 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN088130.D

Acq: 28 Oct 2025 11:38

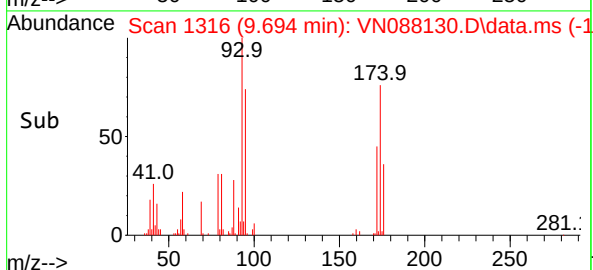
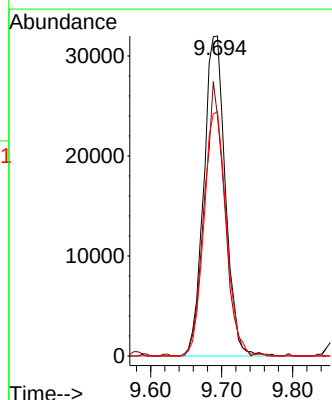
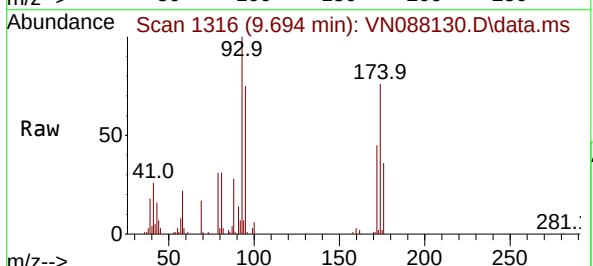
Tgt Ion: 93 Resp: 67626

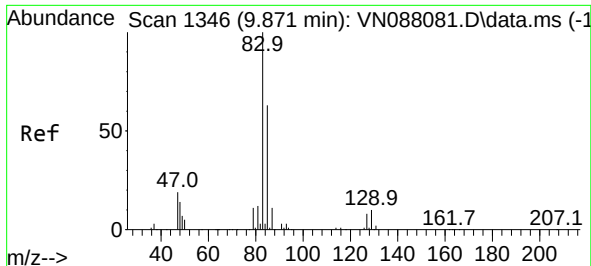
Ion Ratio Lower Upper

93 100

95 80.4 66.2 99.4

174 79.7 63.4 95.2

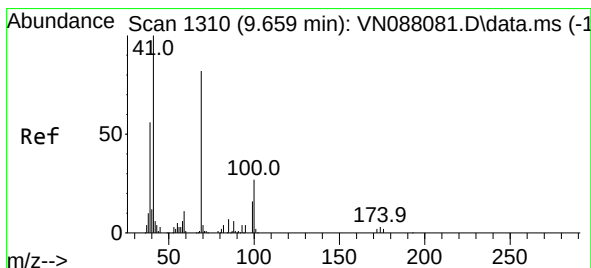
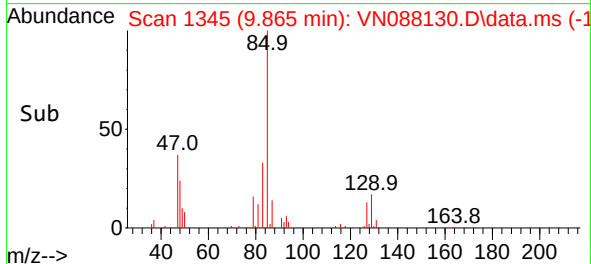
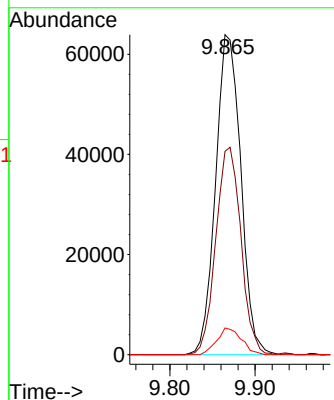
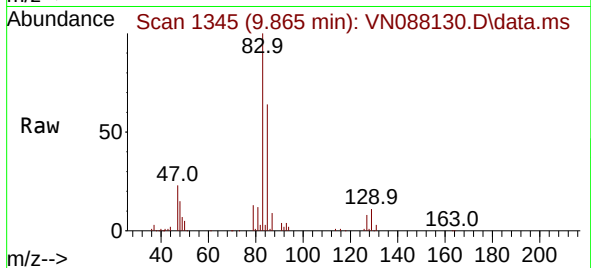




#47
Bromodichloromethane
Concen: 17.064 ug/l
RT: 9.865 min Scan# 1311
Delta R.T. -0.006 min
Lab File: VN088130.D
Acq: 28 Oct 2025 11:38

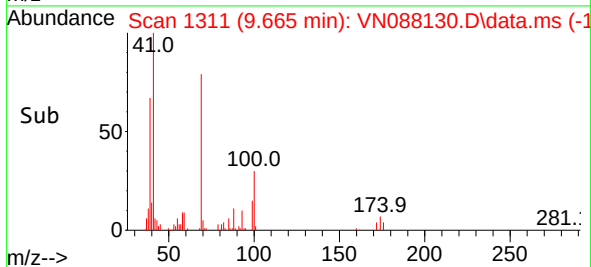
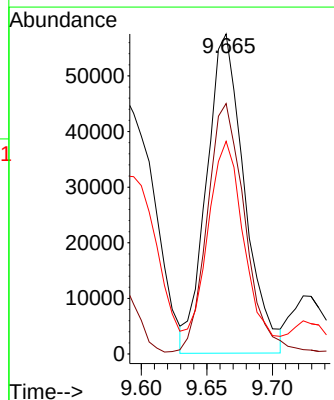
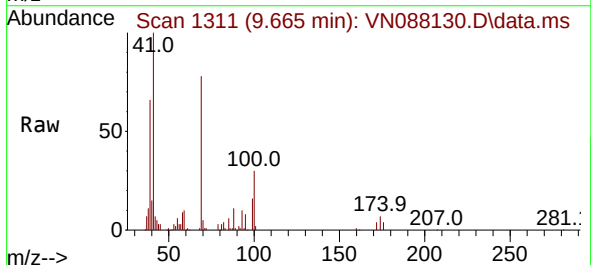
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

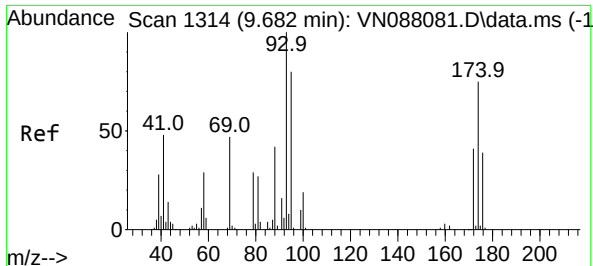
Tgt Ion: 83 Resp: 131483
Ion Ratio Lower Upper
83 100
85 63.6 52.5 78.7
127 8.3 5.8 8.6



#48
Methyl methacrylate
Concen: 17.934 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN088130.D
Acq: 28 Oct 2025 11:38

Tgt Ion: 41 Resp: 115238
Ion Ratio Lower Upper
41 100
69 77.8 62.7 94.1
39 65.7 52.9 79.3





#49

1,4-Dioxane

Concen: 384.899 ug/l

RT: 9.682 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN088130.D

Acq: 28 Oct 2025 11:38

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBS01

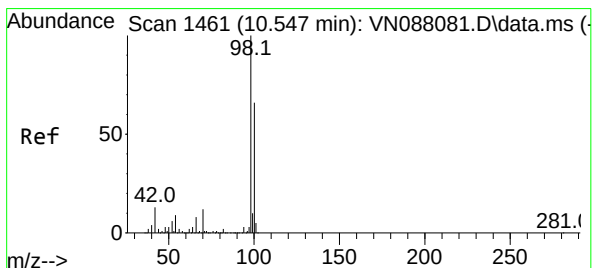
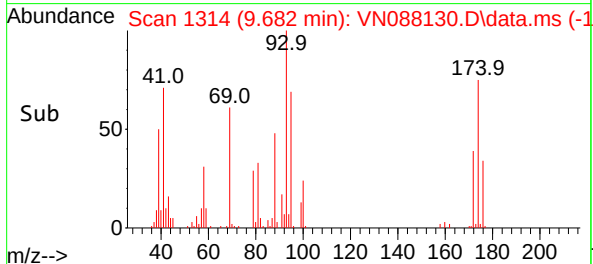
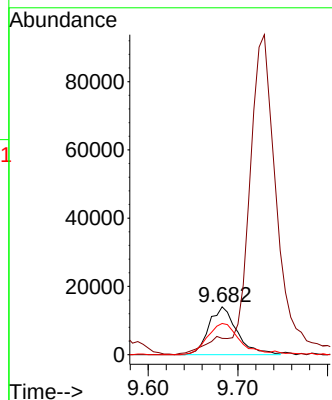
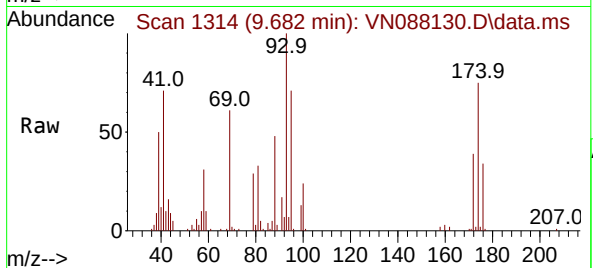
Tgt Ion: 88 Resp: 30760

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 72.9 57.9 86.9



#50

Toluene-d8

Concen: 45.281 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN088130.D

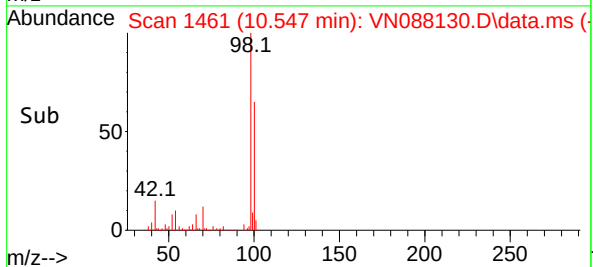
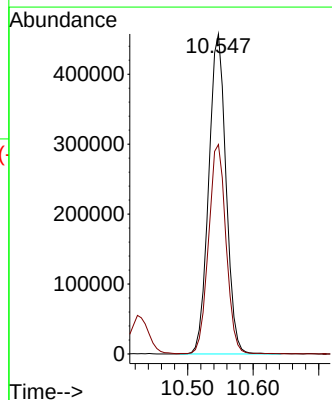
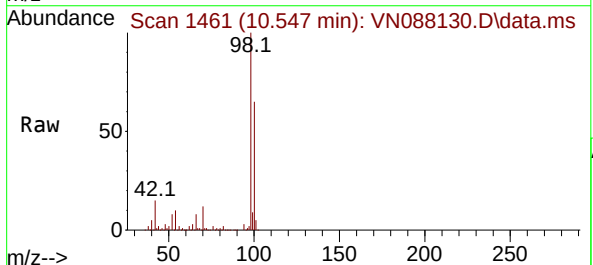
Acq: 28 Oct 2025 11:38

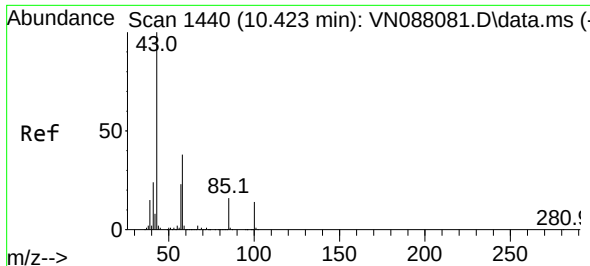
Tgt Ion: 98 Resp: 838687

Ion Ratio Lower Upper

98 100

100 65.8 52.8 79.2

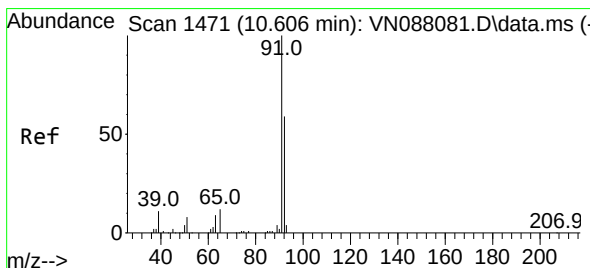
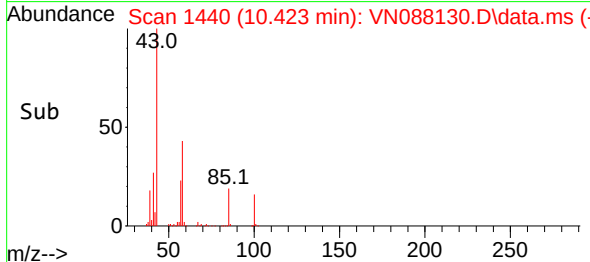
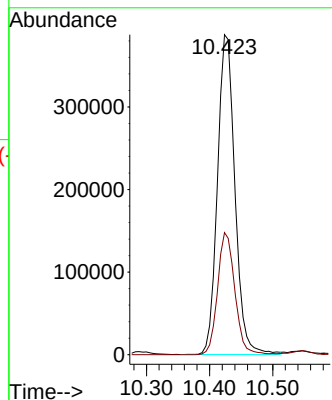
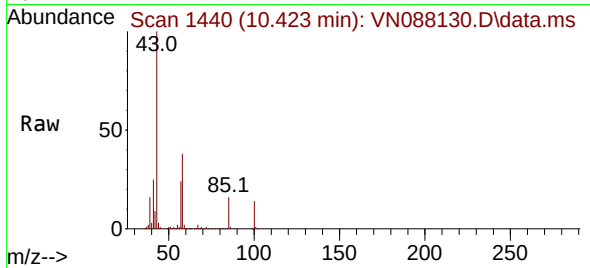




#51
4-Methyl-2-Pentanone
Concen: 90.303 ug/l
RT: 10.423 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN088130.D
Acq: 28 Oct 2025 11:38

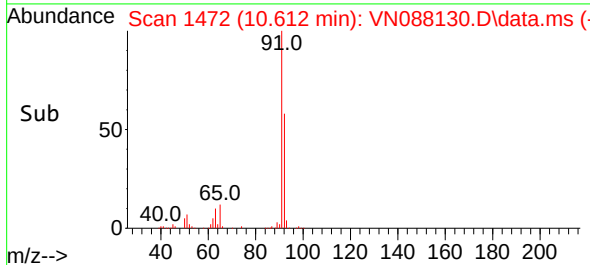
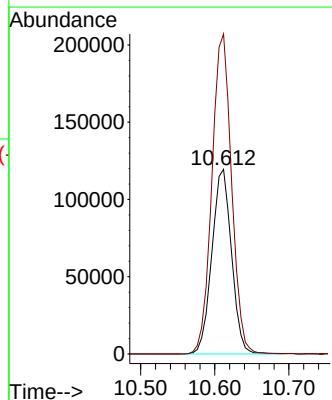
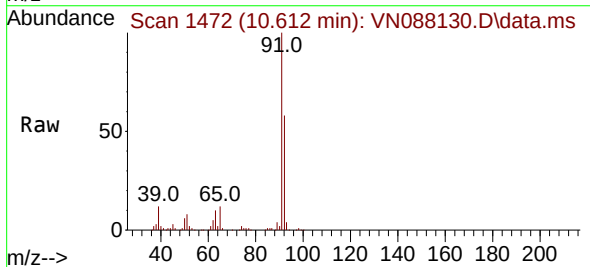
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

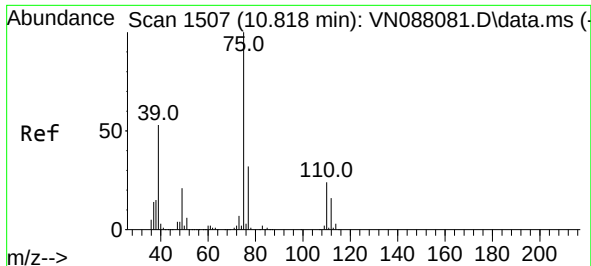
Tgt Ion: 43 Resp: 743509
Ion Ratio Lower Upper
43 100
58 37.6 29.6 44.4



#52
Toluene
Concen: 16.674 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VN088130.D
Acq: 28 Oct 2025 11:38

Tgt Ion: 92 Resp: 219734
Ion Ratio Lower Upper
92 100
91 173.9 140.4 210.6

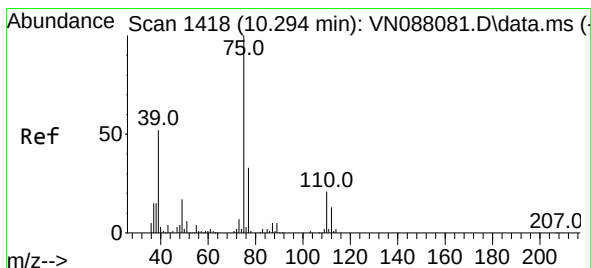
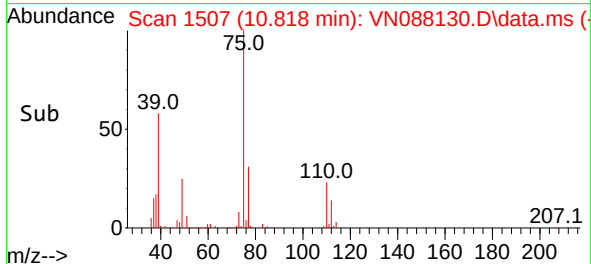
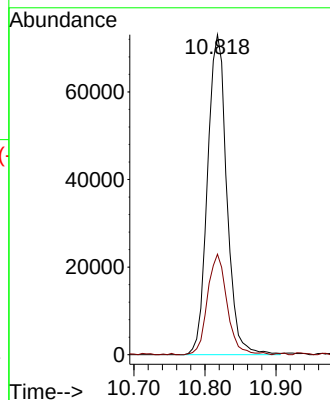
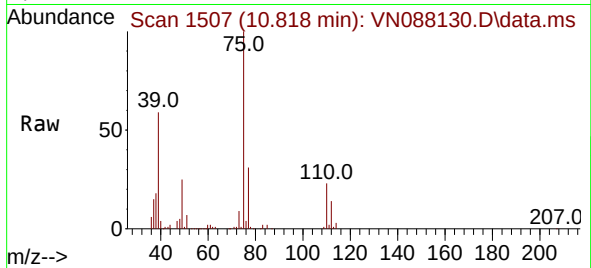




#53
t-1,3-Dichloropropene
Concen: 16.827 ug/l
RT: 10.818 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088130.D
Acq: 28 Oct 2025 11:38

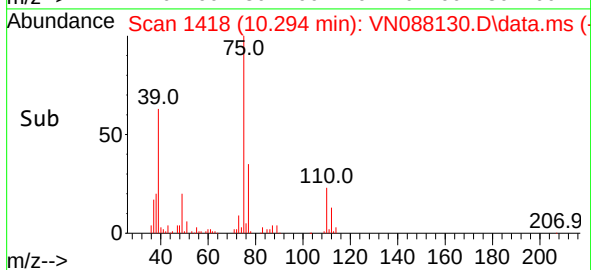
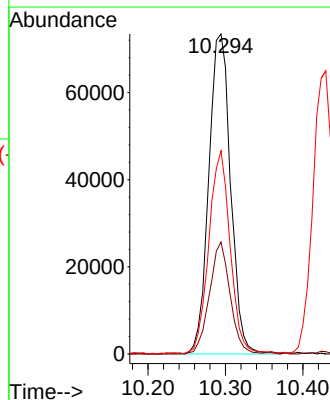
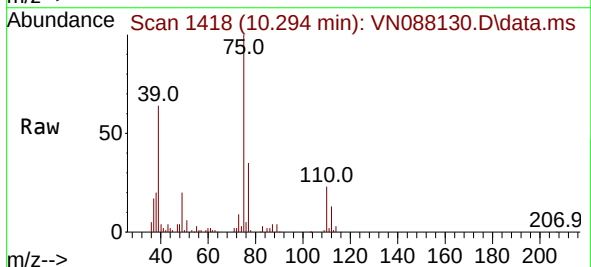
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

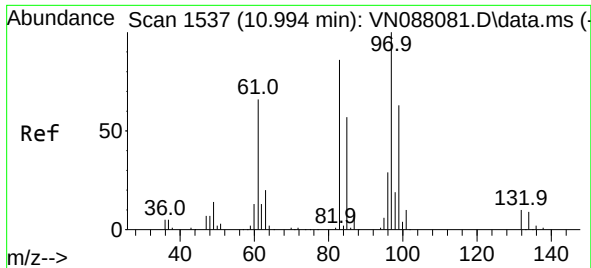
Tgt Ion: 75 Resp: 138002
Ion Ratio Lower Upper
75 100
77 31.4 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 16.518 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VN088130.D
Acq: 28 Oct 2025 11:38

Tgt Ion: 75 Resp: 143745
Ion Ratio Lower Upper
75 100
77 35.0 24.6 37.0
39 63.5 45.2 67.8

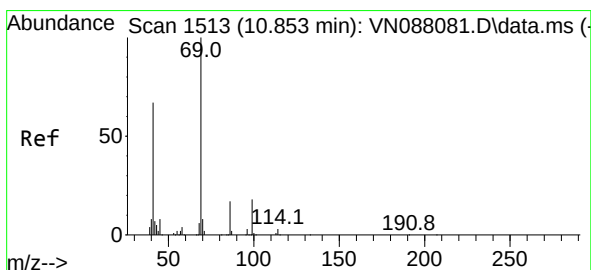
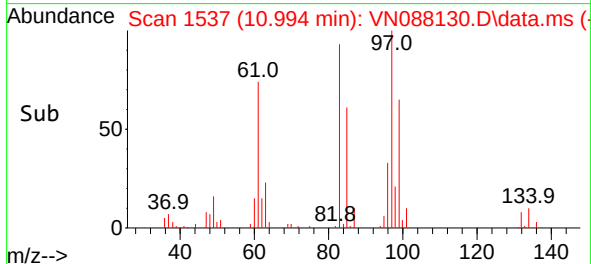
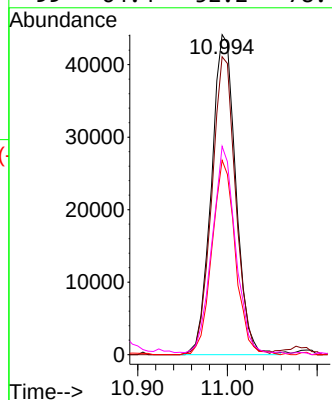
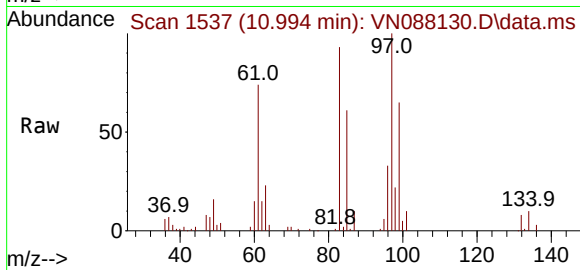




#55
 1,1,2-Trichloroethane
 Concen: 16.646 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. -0.000 min
 Lab File: VN088130.D
 Acq: 28 Oct 2025 11:38

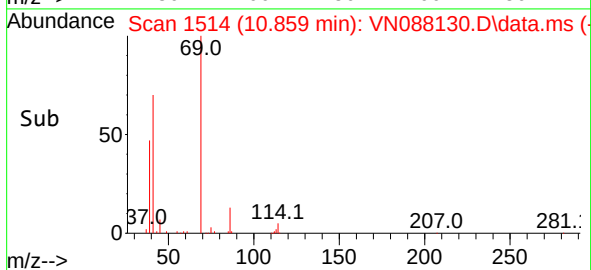
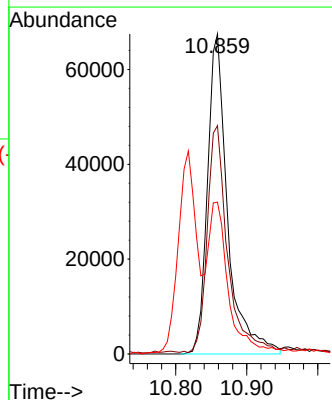
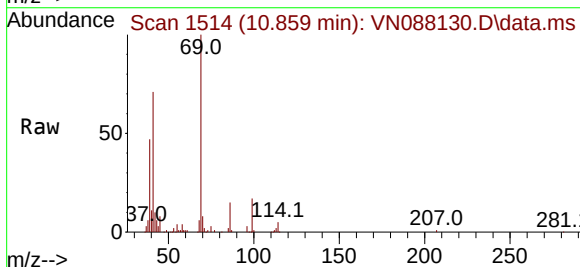
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBS01

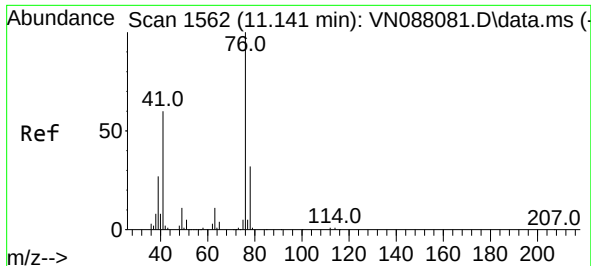
Tgt Ion:	97	Resp:	83226
Ion	Ratio	Lower	Upper
97	100		
83	93.1	68.2	102.4
85	60.8	45.5	68.3
99	64.4	52.2	78.4



#56
 Ethyl methacrylate
 Concen: 16.849 ug/l
 RT: 10.859 min Scan# 1514
 Delta R.T. 0.006 min
 Lab File: VN088130.D
 Acq: 28 Oct 2025 11:38

Tgt Ion:	69	Resp:	133316
Ion	Ratio	Lower	Upper
69	100		
41	71.4	56.5	84.7
39	48.5	34.2	51.4





#57

1,3-Dichloropropane

Concen: 17.483 ug/l

RT: 11.141 min Scan# 1562

Delta R.T. -0.000 min

Lab File: VN088130.D

Acq: 28 Oct 2025 11:38

Instrument :

MSVOA_N

ClientSampleId :

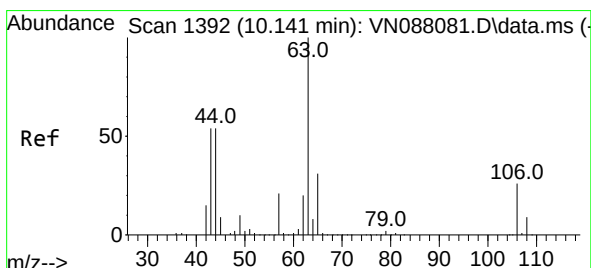
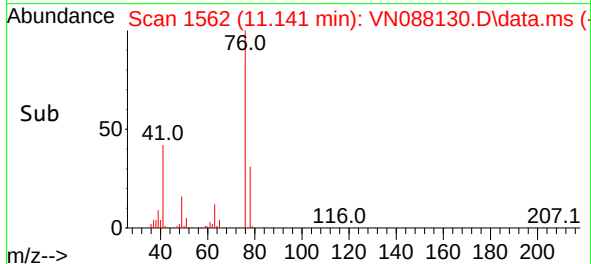
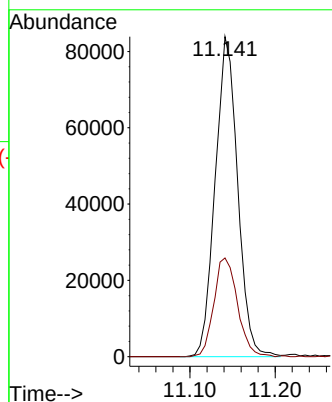
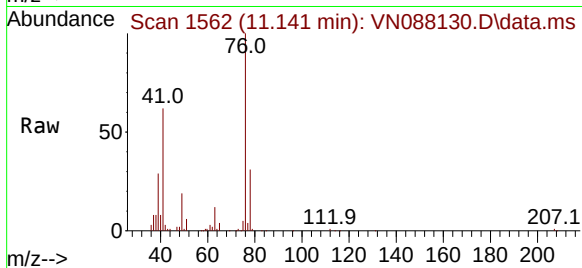
VN1028WBS01

Tgt Ion: 76 Resp: 153639

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 82.513 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VN088130.D

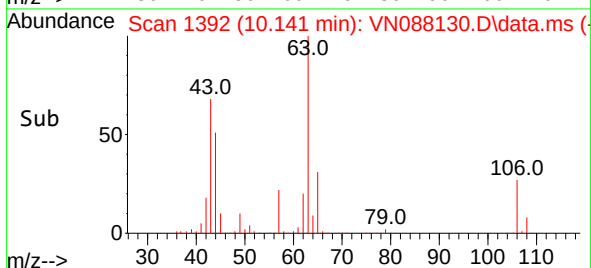
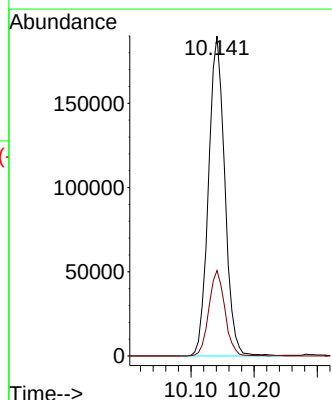
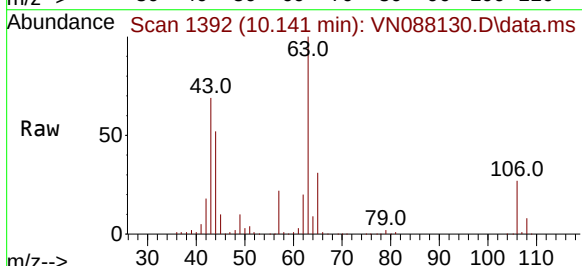
Acq: 28 Oct 2025 11:38

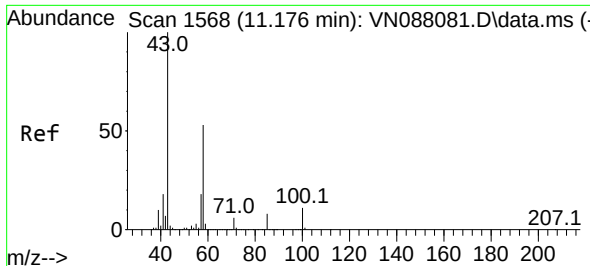
Tgt Ion: 63 Resp: 339590

Ion Ratio Lower Upper

63 100

106 26.3 21.1 31.7

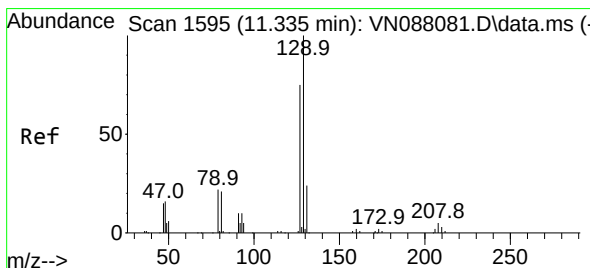
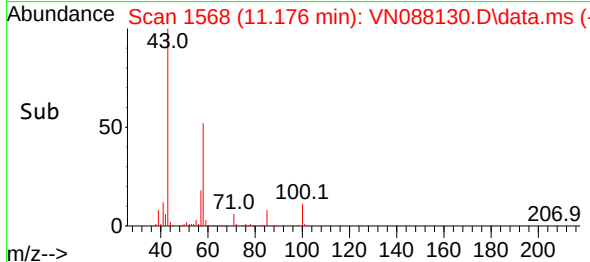
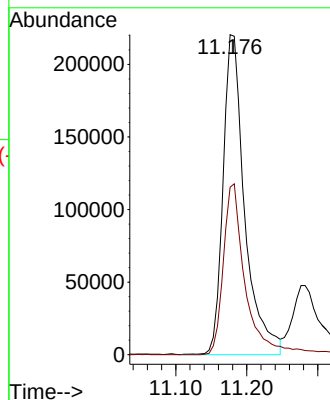
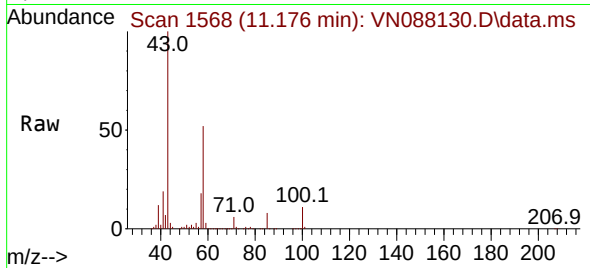




#59
2-Hexanone
Concen: 85.306 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN088130.D
Acq: 28 Oct 2025 11:38

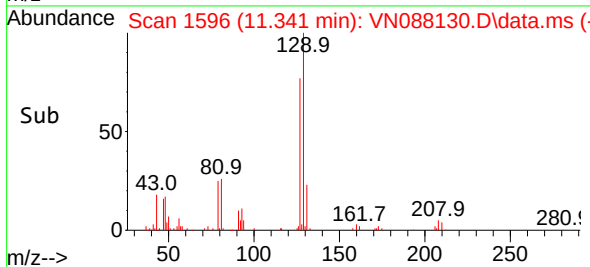
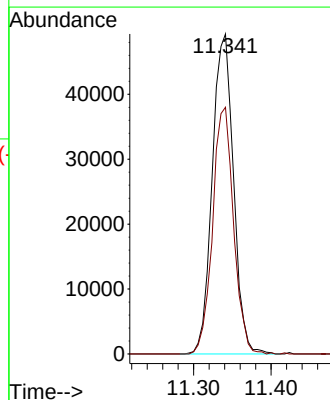
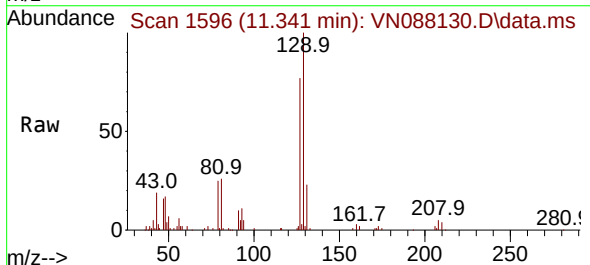
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

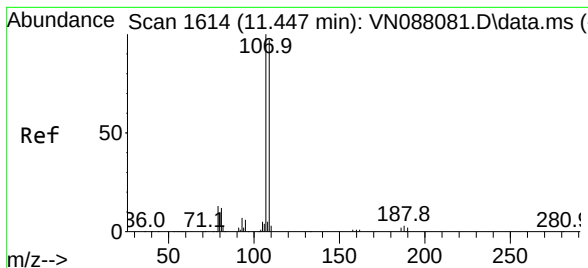
Tgt Ion: 43 Resp: 465936
Ion Ratio Lower Upper
43 100
58 55.1 25.9 77.8



#60
Dibromochloromethane
Concen: 16.489 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VN088130.D
Acq: 28 Oct 2025 11:38

Tgt Ion: 129 Resp: 93701
Ion Ratio Lower Upper
129 100
127 76.1 39.1 117.3

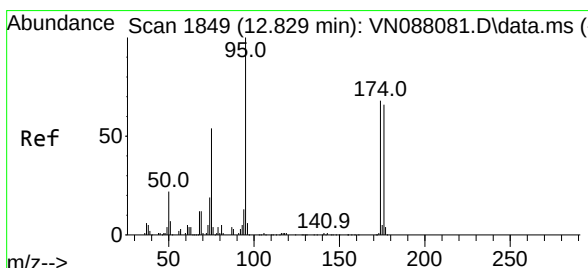
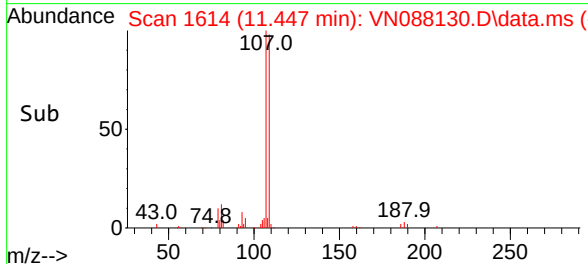
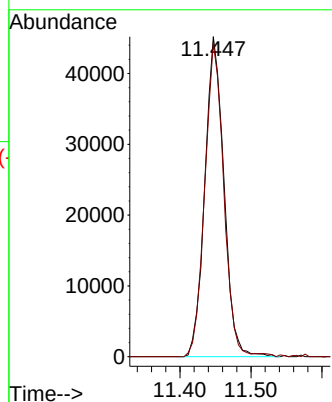
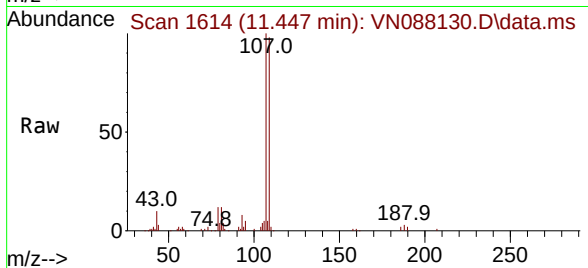




#61
1,2-Dibromoethane
Concen: 16.438 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN088130.D
Acq: 28 Oct 2025 11:38

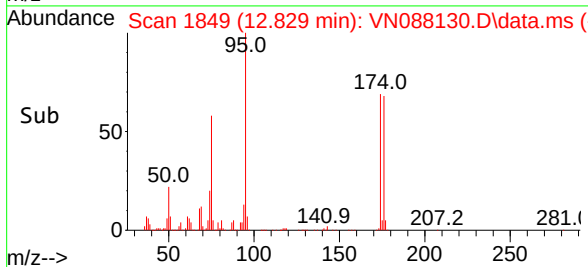
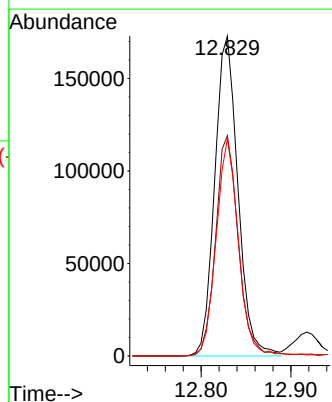
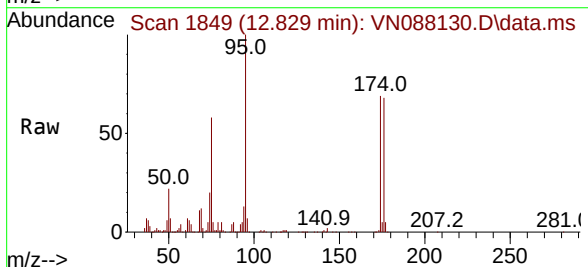
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

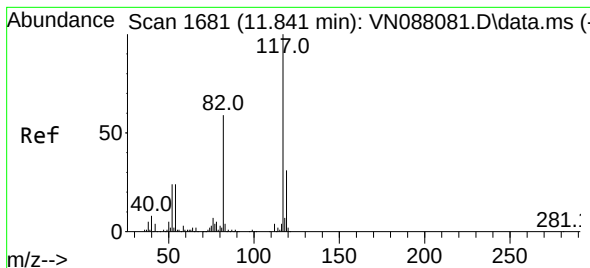
Tgt Ion:107 Resp: 84583
Ion Ratio Lower Upper
107 100
109 97.1 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 47.491 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088130.D
Acq: 28 Oct 2025 11:38

Tgt Ion: 95 Resp: 310646
Ion Ratio Lower Upper
95 100
174 67.4 0.0 138.4
176 65.2 0.0 132.6

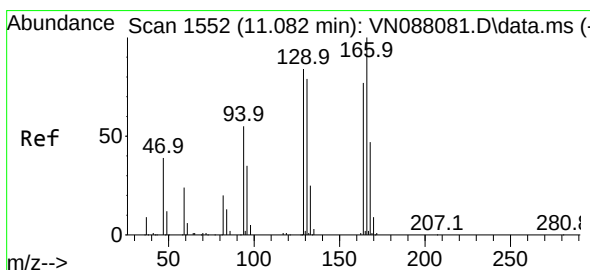
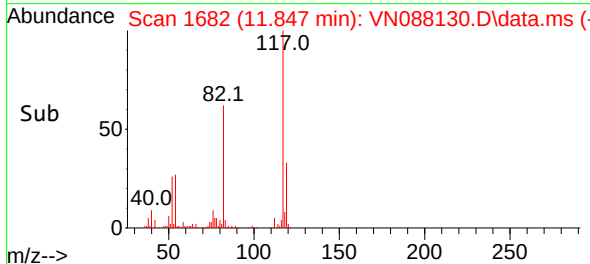
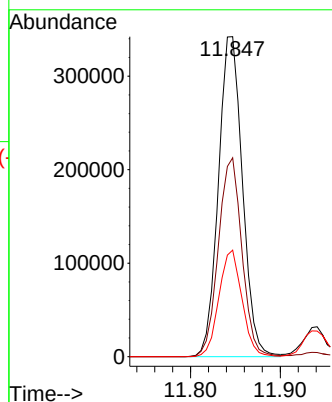
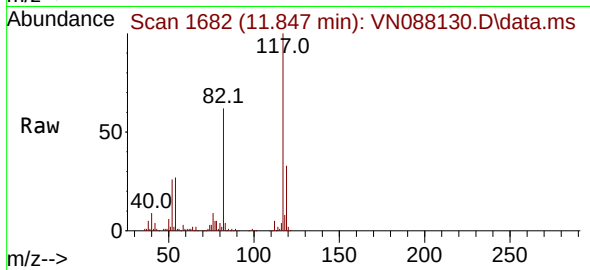




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN088130.D
Acq: 28 Oct 2025 11:38

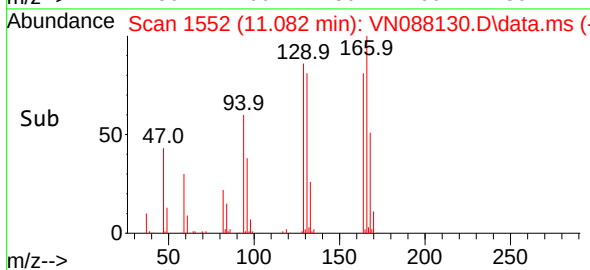
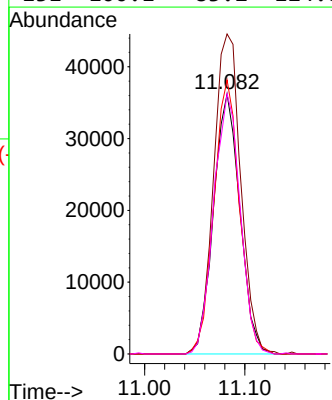
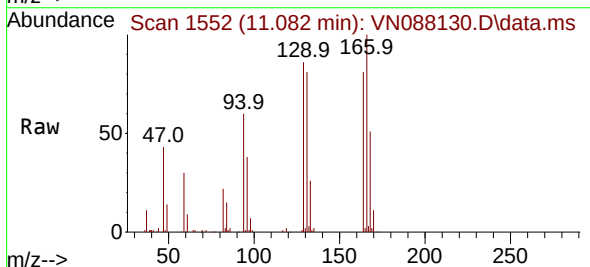
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

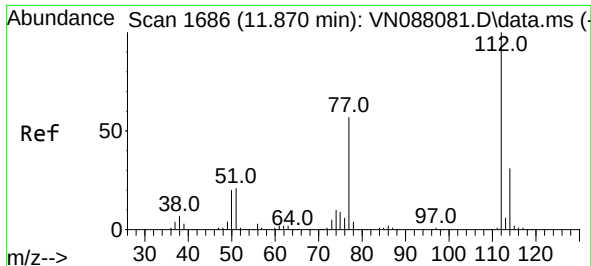
Tgt Ion:117 Resp: 637348
Ion Ratio Lower Upper
117 100
82 62.1 47.4 71.2
119 33.3 24.3 36.5



#64
Tetrachloroethene
Concen: 15.687 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN088130.D
Acq: 28 Oct 2025 11:38

Tgt Ion:164 Resp: 65951
Ion Ratio Lower Upper
164 100
166 123.1 97.7 146.5
129 105.3 85.9 128.9
131 100.1 83.2 124.8

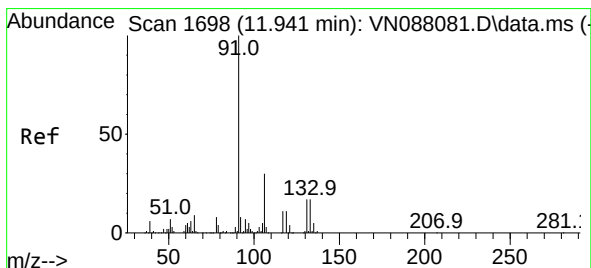
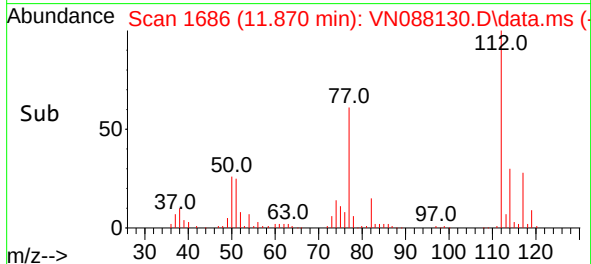
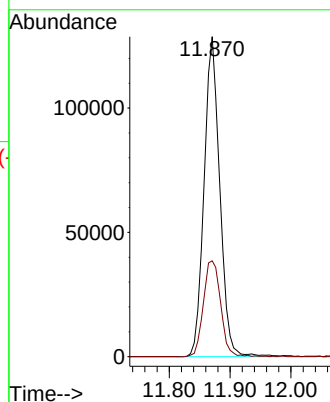
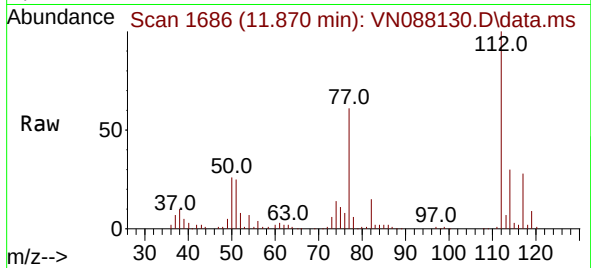




#65
Chlorobenzene
Concen: 15.918 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN088130.D
Acq: 28 Oct 2025 11:38

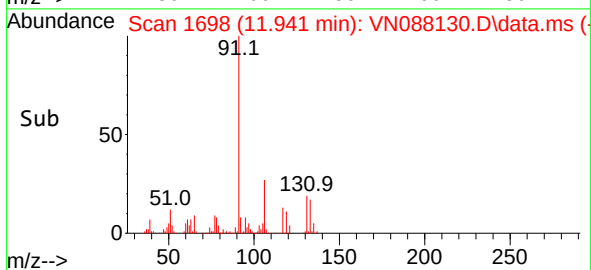
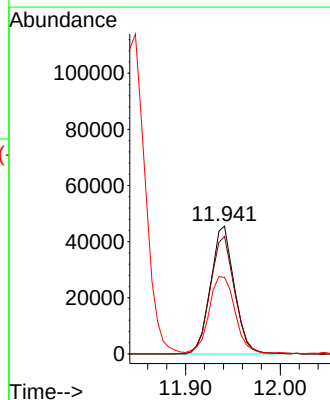
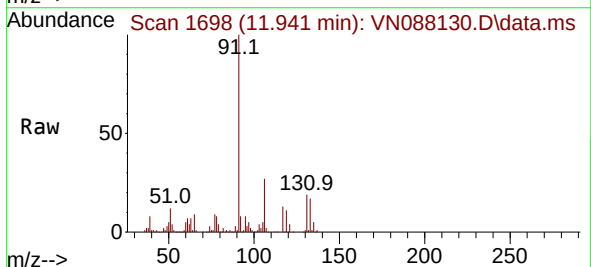
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

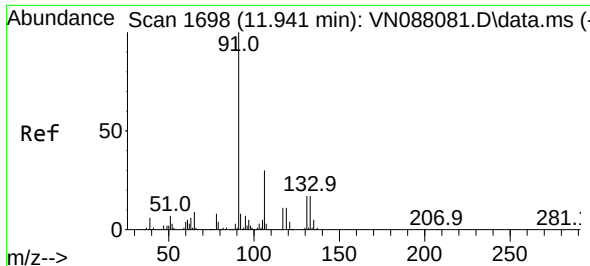
Tgt Ion:112 Resp: 230372
Ion Ratio Lower Upper
112 100
114 29.9 24.3 36.5



#66
1,1,1,2-Tetrachloroethane
Concen: 16.692 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088130.D
Acq: 28 Oct 2025 11:38

Tgt Ion:131 Resp: 79145
Ion Ratio Lower Upper
131 100
133 95.1 48.0 144.0
119 65.1 32.6 97.7

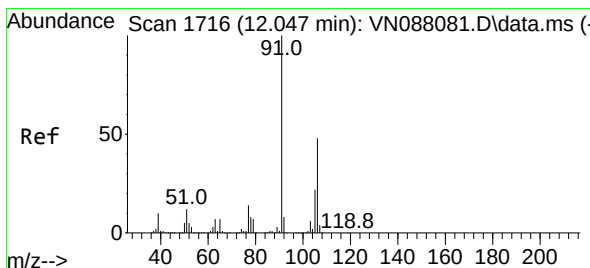
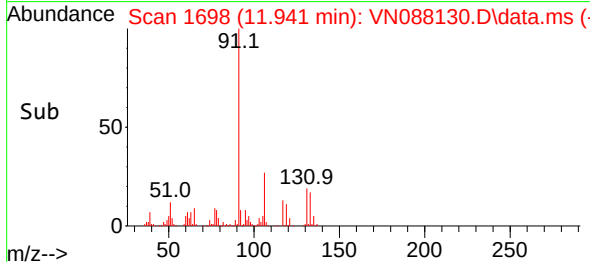
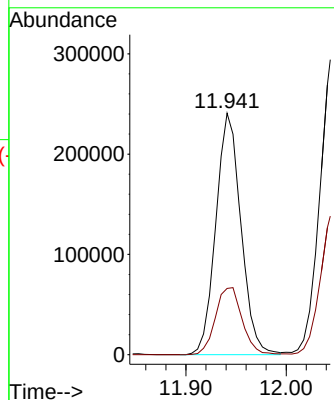
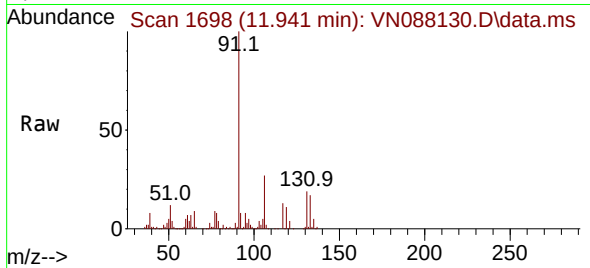




#67
Ethyl Benzene
Concen: 16.456 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088130.D
Acq: 28 Oct 2025 11:38

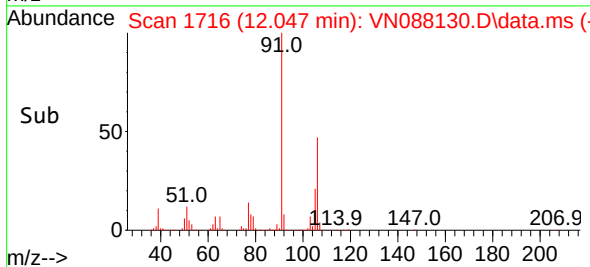
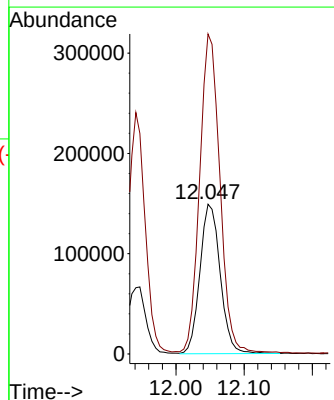
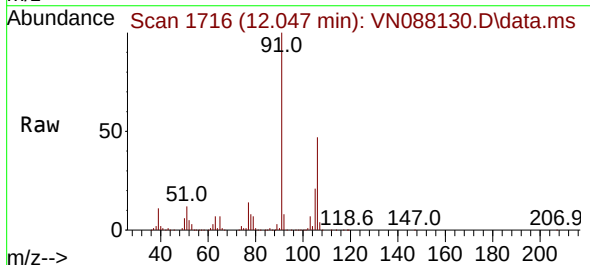
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

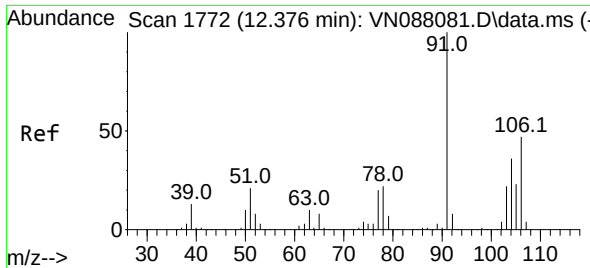
Tgt Ion: 91 Resp: 418045
Ion Ratio Lower Upper
91 100
106 27.5 24.1 36.1



#68
m/p-Xylenes
Concen: 32.401 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN088130.D
Acq: 28 Oct 2025 11:38

Tgt Ion: 106 Resp: 308395
Ion Ratio Lower Upper
106 100
91 214.9 169.3 253.9

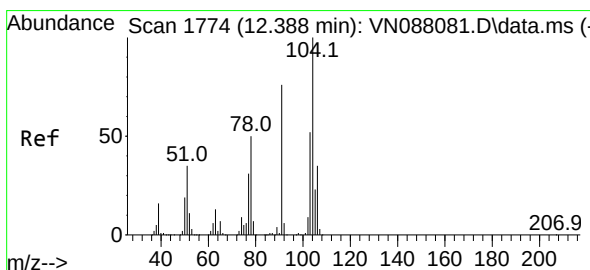
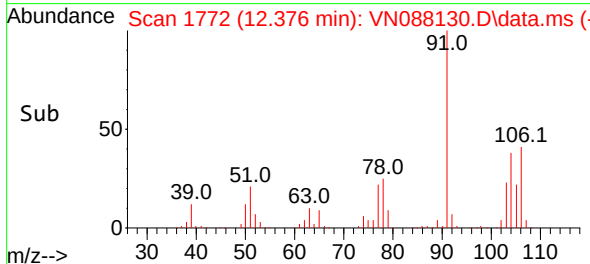
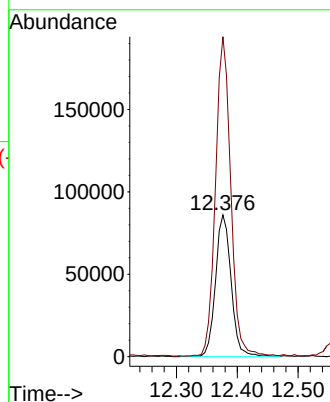
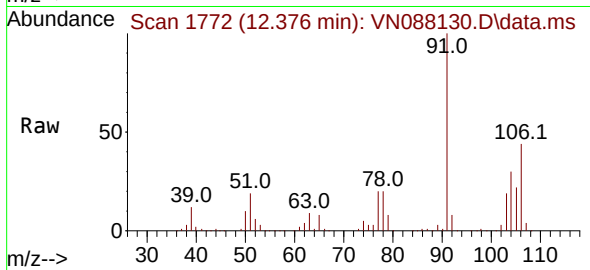




#69
o-Xylene
Concen: 16.976 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN088130.D
Acq: 28 Oct 2025 11:38

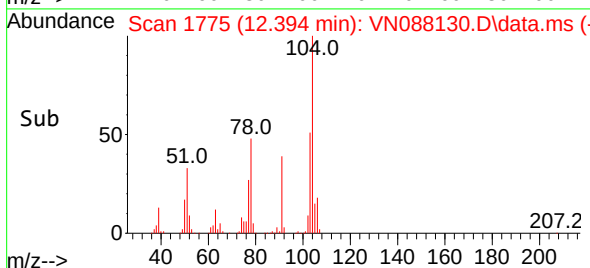
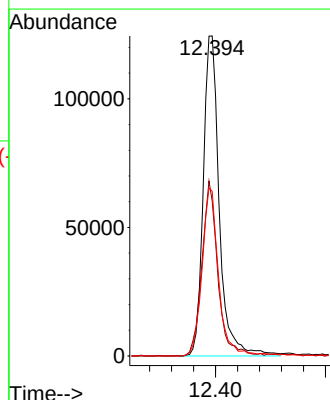
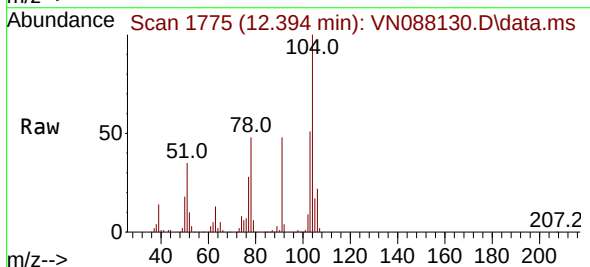
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

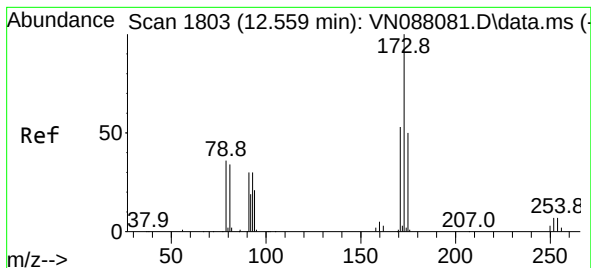
Tgt Ion:106 Resp: 153175
Ion Ratio Lower Upper
106 100
91 219.9 111.4 334.2



#70
Styrene
Concen: 17.153 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN088130.D
Acq: 28 Oct 2025 11:38

Tgt Ion:104 Resp: 252381
Ion Ratio Lower Upper
104 100
78 54.1 42.2 63.2
103 53.7 43.4 65.2





#71

Bromoform

Concen: 16.254 ug/l

RT: 12.559 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VN088130.D

Acq: 28 Oct 2025 11:38

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBS01

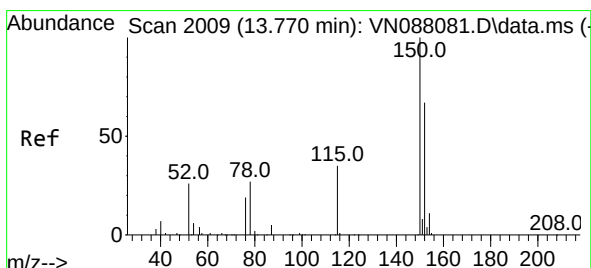
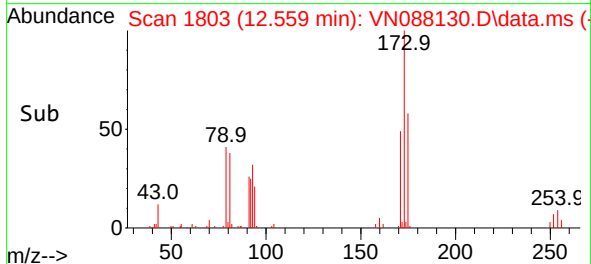
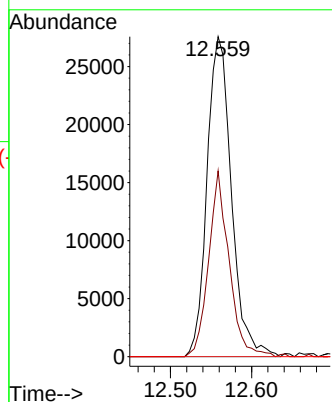
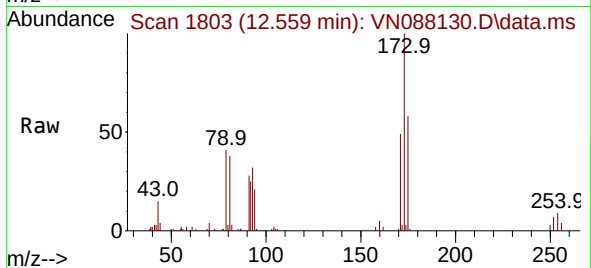
Tgt Ion:173 Resp: 57512

Ion Ratio Lower Upper

173 100

175 48.8 24.9 74.6

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.770 min Scan# 2009

Delta R.T. 0.006 min

Lab File: VN088130.D

Acq: 28 Oct 2025 11:38

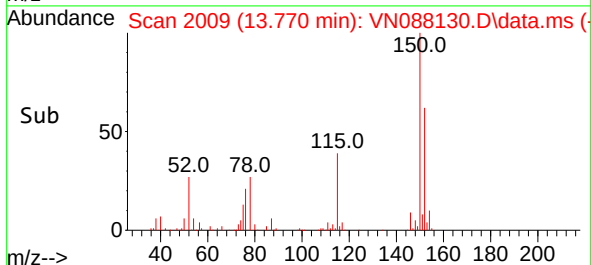
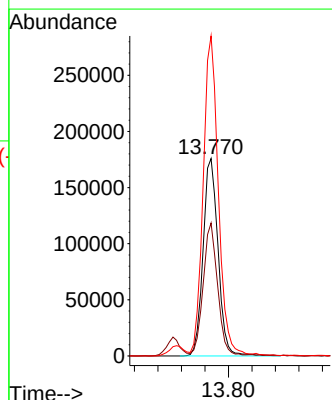
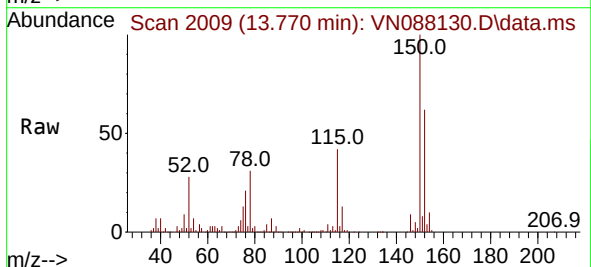
Tgt Ion:152 Resp: 312463

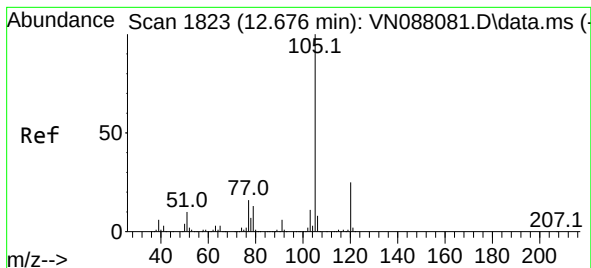
Ion Ratio Lower Upper

152 100

115 63.1 32.3 96.8

150 163.6 0.0 351.0





#73

Isopropylbenzene

Concen: 16.253 ug/l

RT: 12.670 min Scan# 1823

Delta R.T. -0.000 min

Lab File: VN088130.D

Acq: 28 Oct 2025 11:38

Instrument :

MSVOA_N

ClientSampleId :

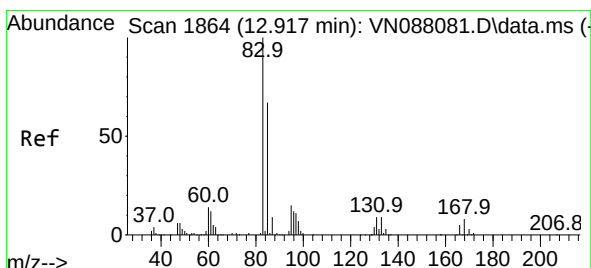
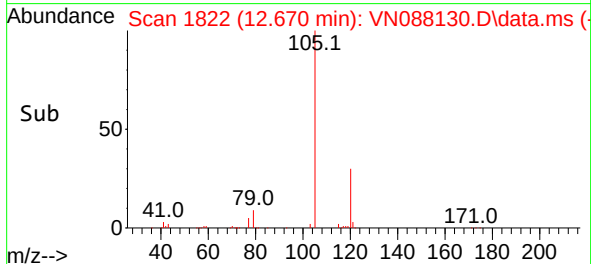
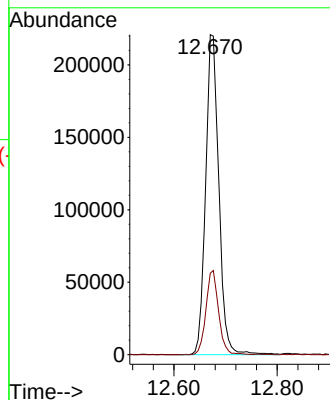
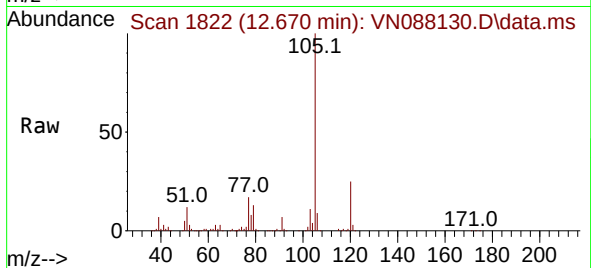
VN1028WBS01

Tgt Ion:105 Resp: 391686

Ion Ratio Lower Upper

105 100

120 25.2 12.8 38.3



#75

1,1,2,2-Tetrachloroethane

Concen: 17.788 ug/l

RT: 12.917 min Scan# 1864

Delta R.T. -0.000 min

Lab File: VN088130.D

Acq: 28 Oct 2025 11:38

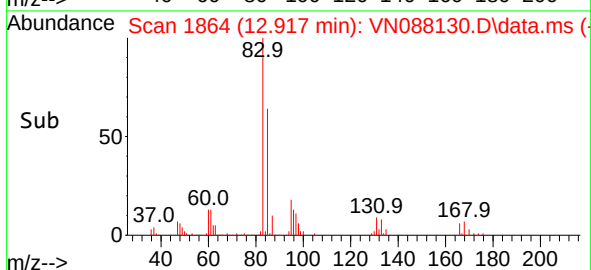
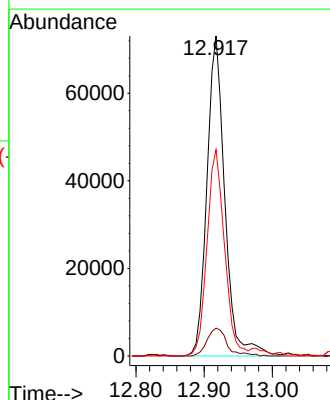
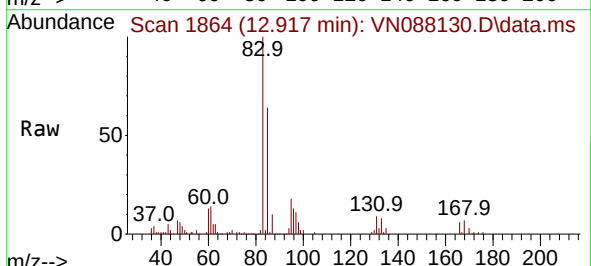
Tgt Ion: 83 Resp: 133462

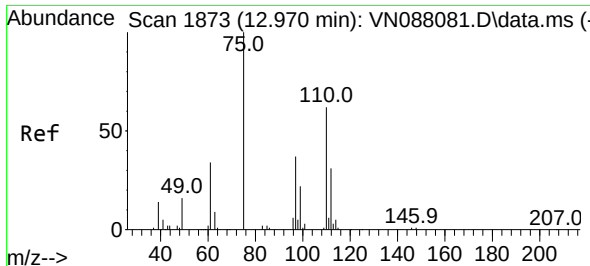
Ion Ratio Lower Upper

83 100

131 9.7 4.8 14.4

85 63.1 32.1 96.3

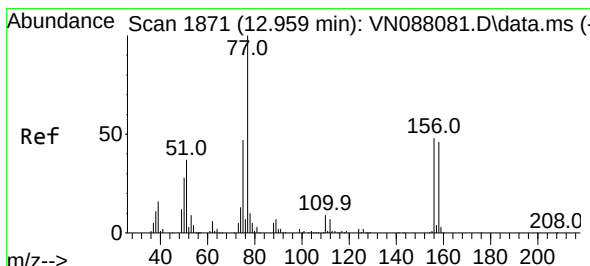
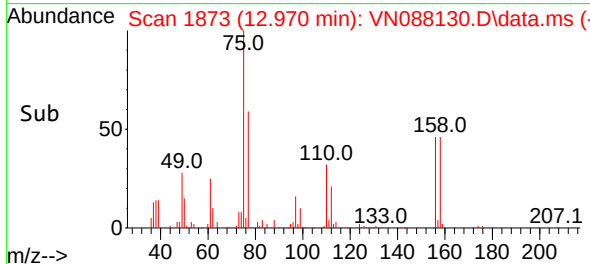
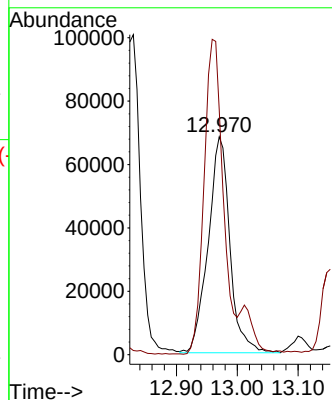
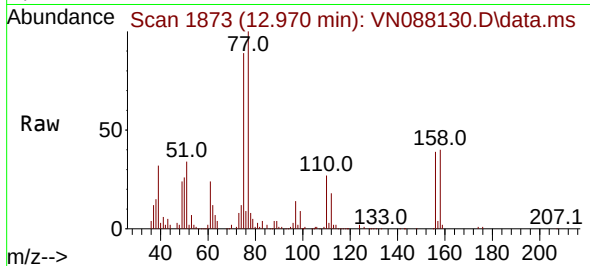




#76
1,2,3-Trichloropropane
Concen: 23.643 ug/l
RT: 12.970 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN088130.D
Acq: 28 Oct 2025 11:38

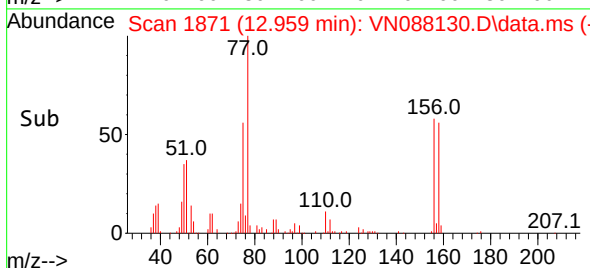
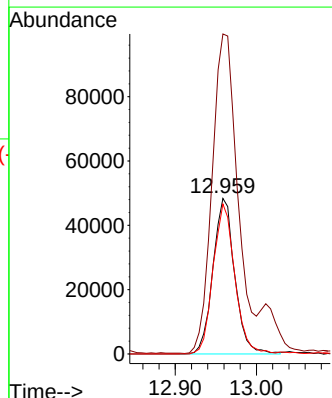
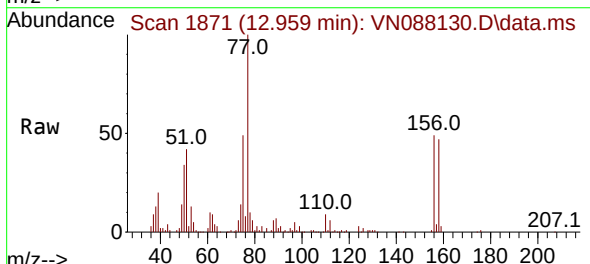
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

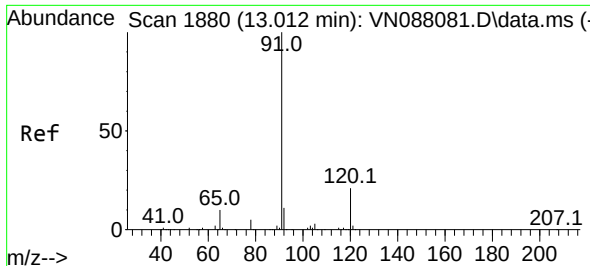
Tgt Ion: 75 Resp: 168900
Ion Ratio Lower Upper
75 100
77 127.7 89.1 267.4



#77
Bromobenzene
Concen: 17.345 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN088130.D
Acq: 28 Oct 2025 11:38

Tgt Ion:156 Resp: 90140
Ion Ratio Lower Upper
156 100
77 239.3 119.3 358.0
158 96.1 48.2 144.6

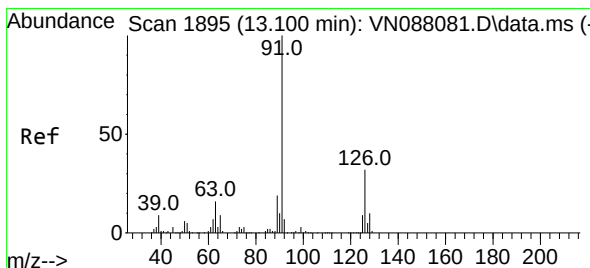
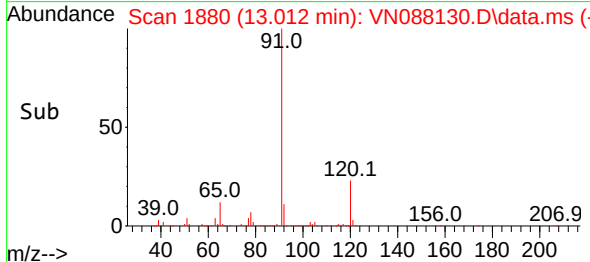
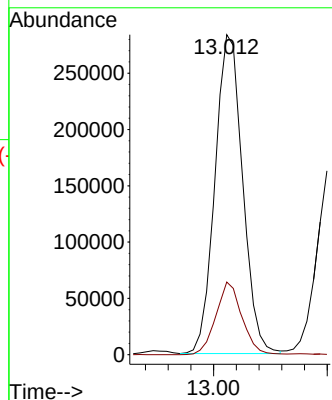
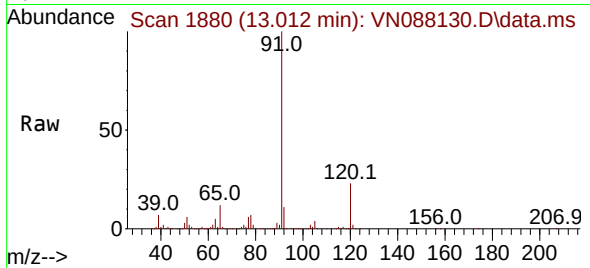




#78
n-propylbenzene
Concen: 16.298 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN088130.D
Acq: 28 Oct 2025 11:38

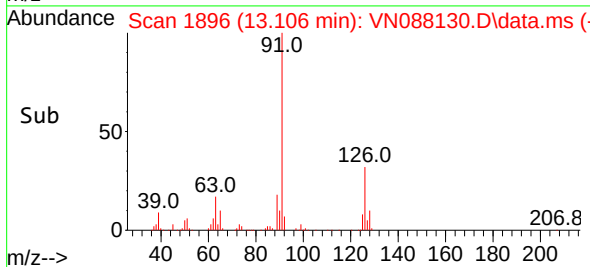
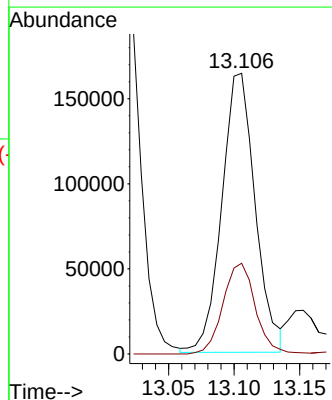
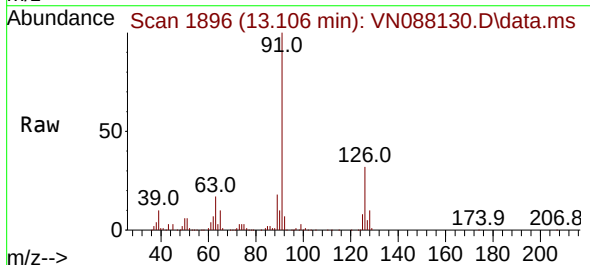
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

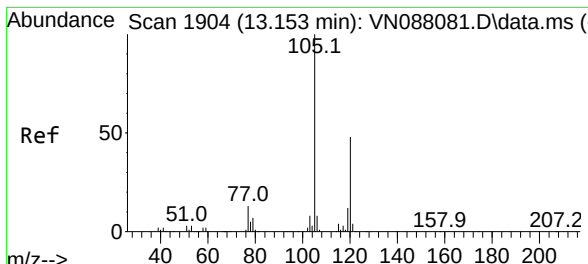
Tgt Ion: 91 Resp: 479311
Ion Ratio Lower Upper
91 100
120 21.5 10.7 32.1



#79
2-Chlorotoluene
Concen: 17.361 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.006 min
Lab File: VN088130.D
Acq: 28 Oct 2025 11:38

Tgt Ion: 91 Resp: 291170
Ion Ratio Lower Upper
91 100
126 31.5 16.1 48.3

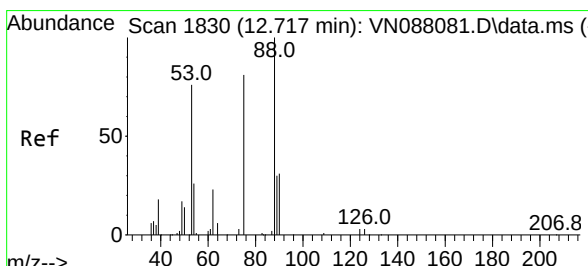
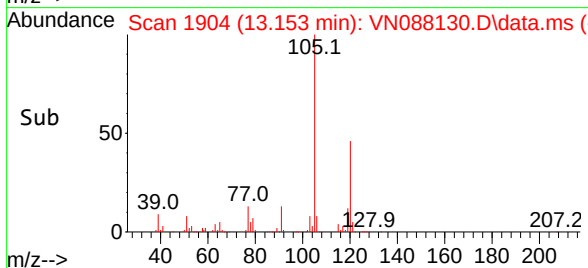
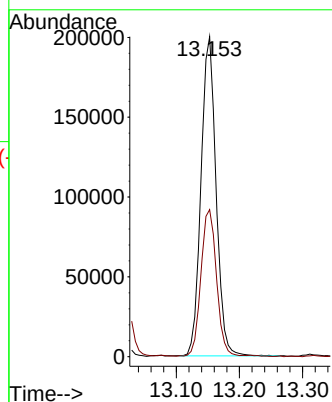
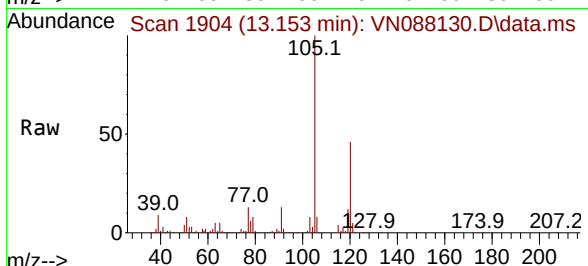




#80
 1,3,5-Trimethylbenzene
 Concen: 16.534 ug/l
 RT: 13.153 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VN088130.D
 Acq: 28 Oct 2025 11:38

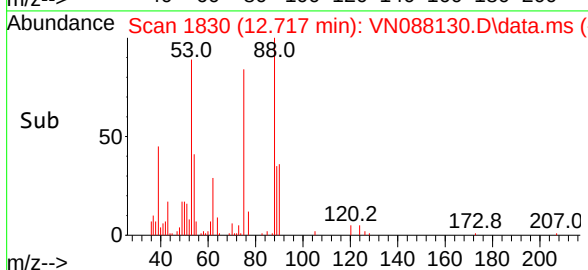
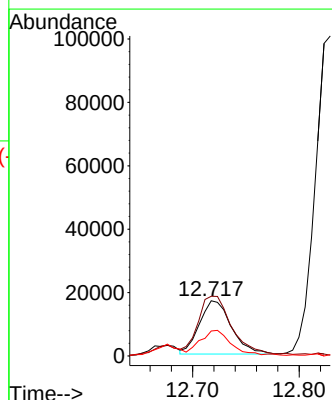
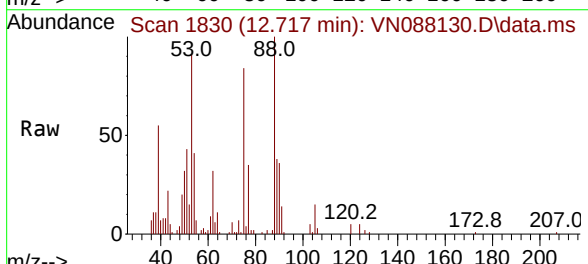
Instrument : MSVOA_N
 ClientSampleId : VN1028WBS01

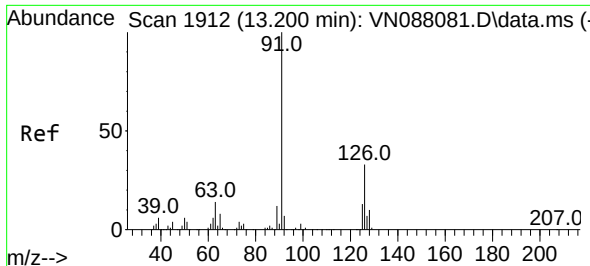
Tgt Ion:105 Resp: 330925
 Ion Ratio Lower Upper
 105 100
 120 47.8 23.2 69.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 13.614 ug/l
 RT: 12.717 min Scan# 1830
 Delta R.T. -0.000 min
 Lab File: VN088130.D
 Acq: 28 Oct 2025 11:38

Tgt Ion: 75 Resp: 34864
 Ion Ratio Lower Upper
 75 100
 53 116.3 101.8 152.6
 89 48.4 35.6 53.4

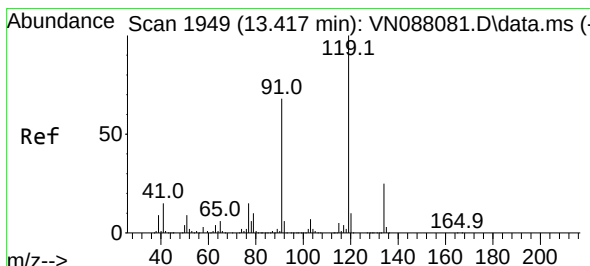
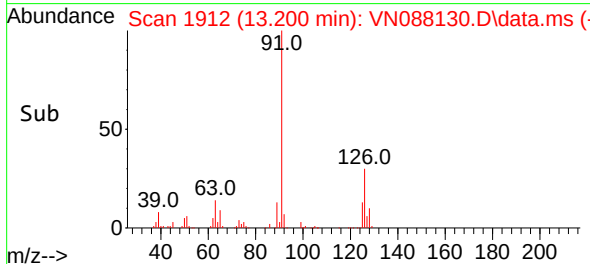
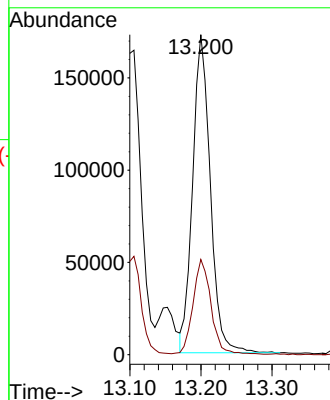
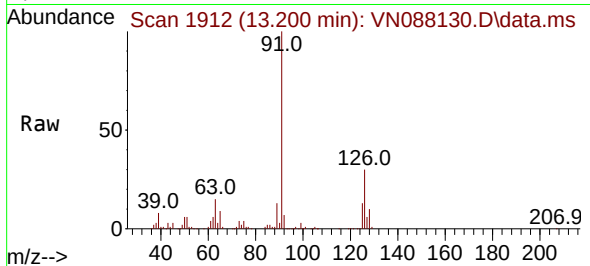




#82
4-Chlorotoluene
Concen: 16.466 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN088130.D
Acq: 28 Oct 2025 11:38

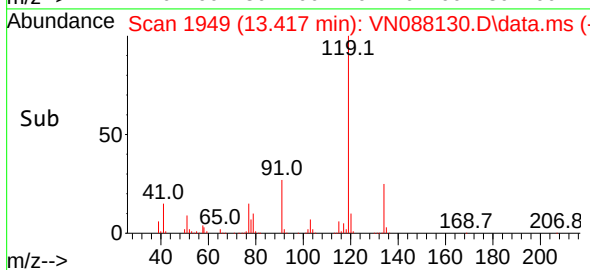
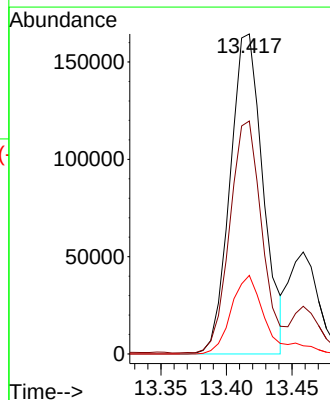
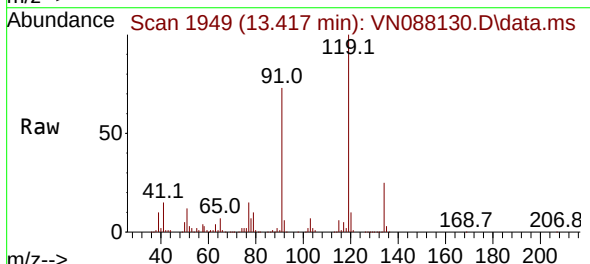
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

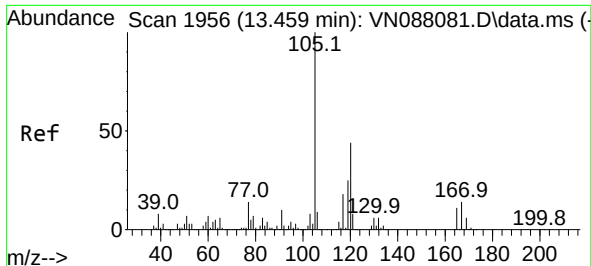
Tgt Ion: 91 Resp: 298777
Ion Ratio Lower Upper
91 100
126 30.4 15.6 46.8



#83
tert-Butylbenzene
Concen: 16.102 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VN088130.D
Acq: 28 Oct 2025 11:38

Tgt Ion: 119 Resp: 287893
Ion Ratio Lower Upper
119 100
91 71.8 35.0 105.0
134 26.0 12.6 37.8

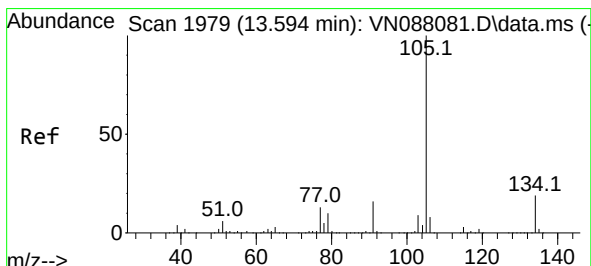
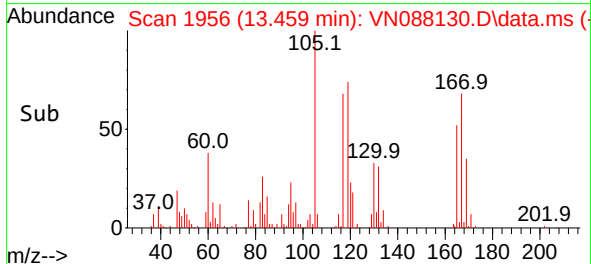
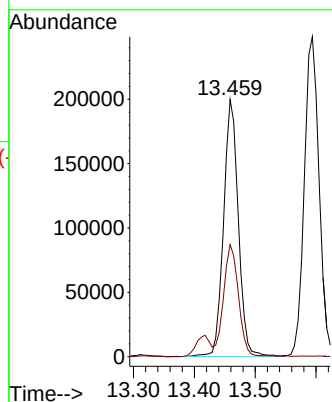
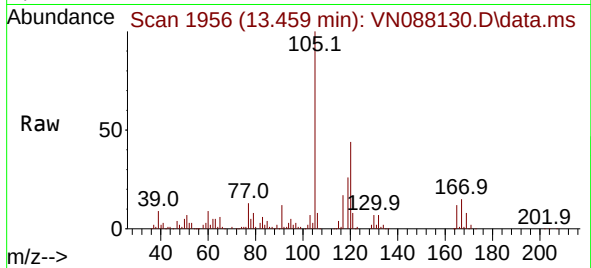




#84
1,2,4-Trimethylbenzene
Concen: 16.770 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN088130.D
Acq: 28 Oct 2025 11:38

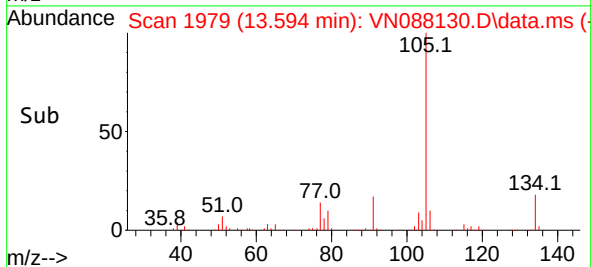
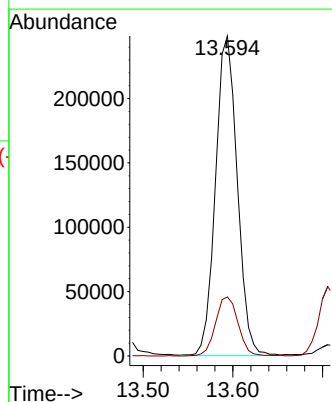
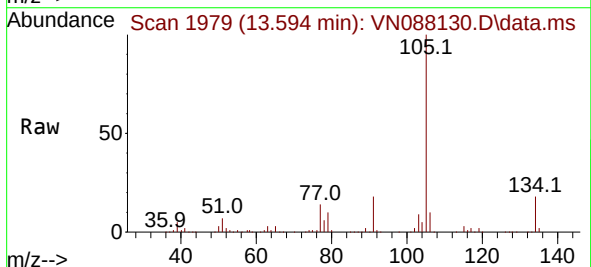
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

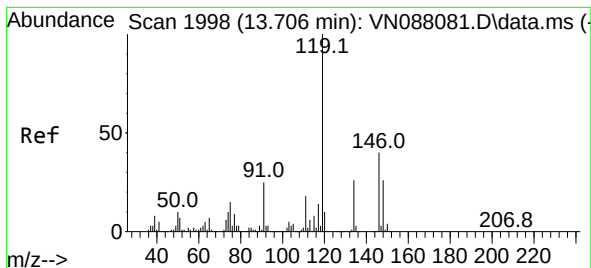
Tgt Ion:105 Resp: 335824
Ion Ratio Lower Upper
105 100
120 44.1 22.0 66.0



#85
sec-Butylbenzene
Concen: 15.900 ug/l
RT: 13.594 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VN088130.D
Acq: 28 Oct 2025 11:38

Tgt Ion:105 Resp: 417672
Ion Ratio Lower Upper
105 100
134 19.2 9.6 28.6

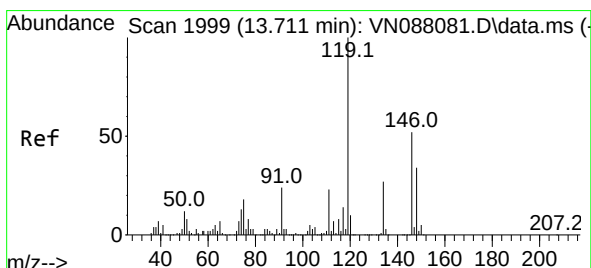
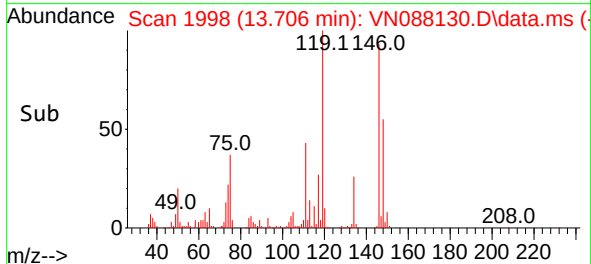
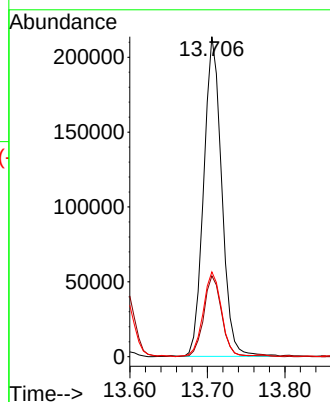
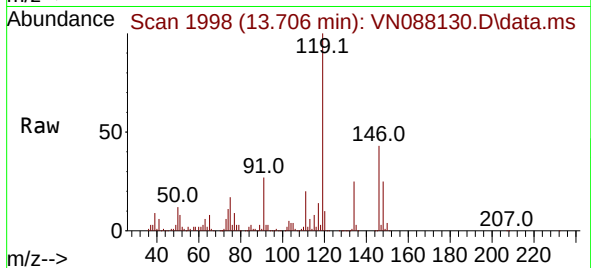




#86
p-Isopropyltoluene
Concen: 16.339 ug/l
RT: 13.706 min Scan# 1998
Delta R.T. -0.000 min
Lab File: VN088130.D
Acq: 28 Oct 2025 11:38

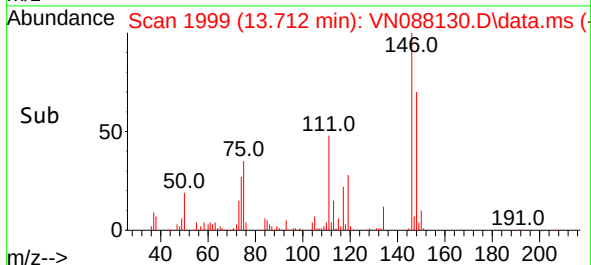
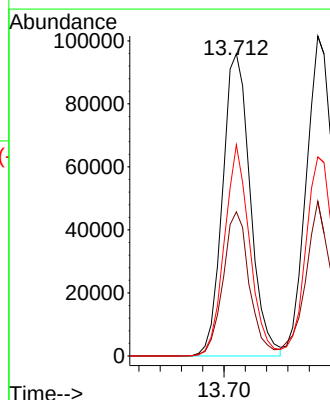
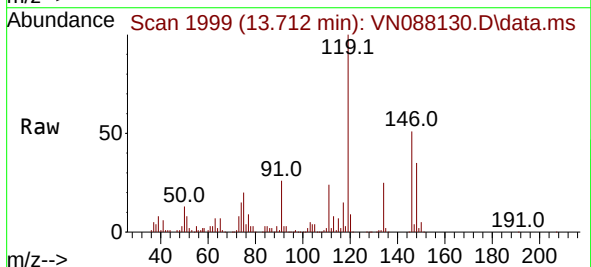
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

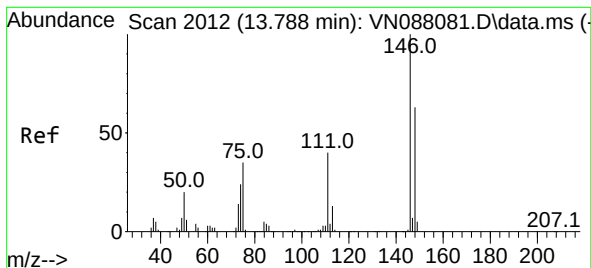
Tgt Ion:119 Resp: 344301
Ion Ratio Lower Upper
119 100
134 25.4 12.7 38.0
91 27.1 12.5 37.5



#87
1,3-Dichlorobenzene
Concen: 16.666 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN088130.D
Acq: 28 Oct 2025 11:38

Tgt Ion:146 Resp: 172894
Ion Ratio Lower Upper
146 100
111 45.2 22.1 66.5
148 63.9 32.0 96.2





#88

1,4-Dichlorobenzene

Concen: 16.300 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN088130.D

Acq: 28 Oct 2025 11:38

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBS01

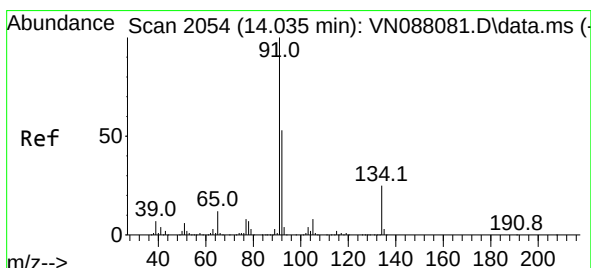
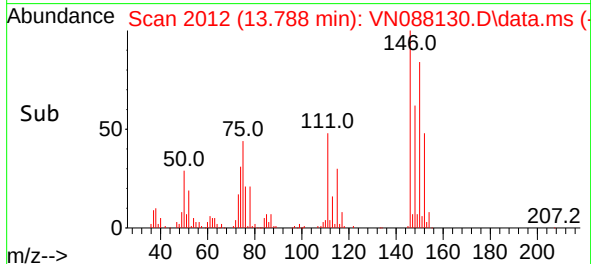
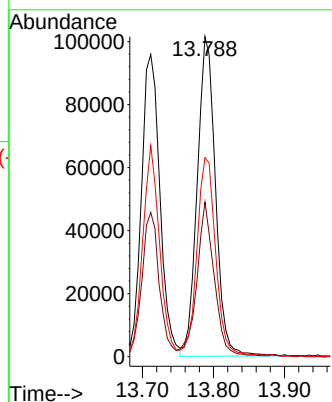
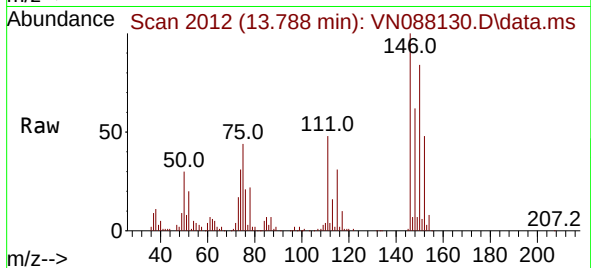
Tgt Ion:146 Resp: 181623

Ion Ratio Lower Upper

146 100

111 45.6 21.0 63.0

148 62.5 32.0 96.0



#89

n-Butylbenzene

Concen: 16.095 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.006 min

Lab File: VN088130.D

Acq: 28 Oct 2025 11:38

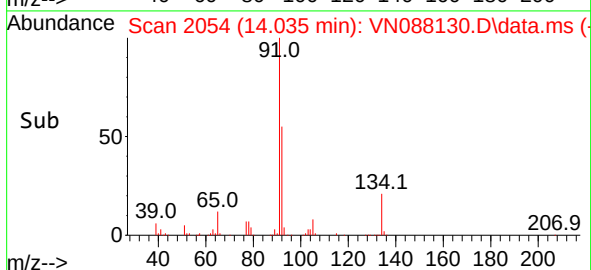
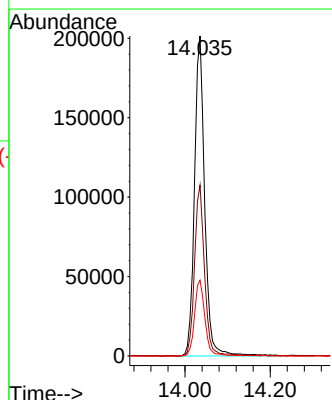
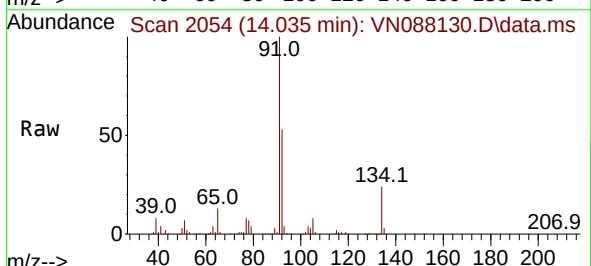
Tgt Ion: 91 Resp: 335965

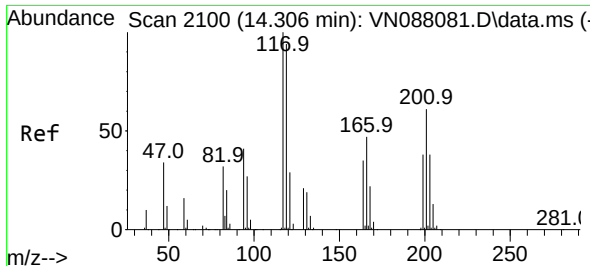
Ion Ratio Lower Upper

91 100

92 52.3 25.9 77.8

134 23.8 11.7 35.0

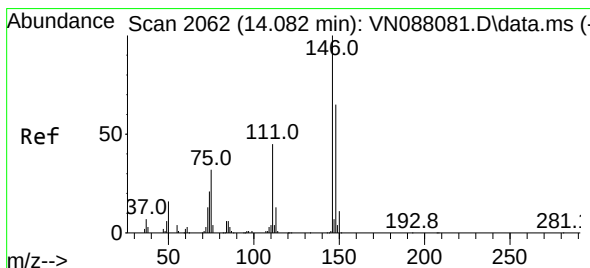
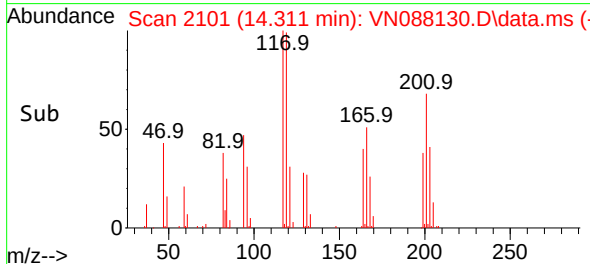
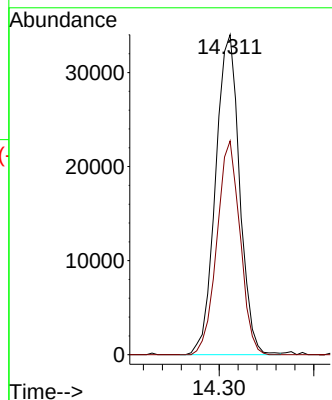
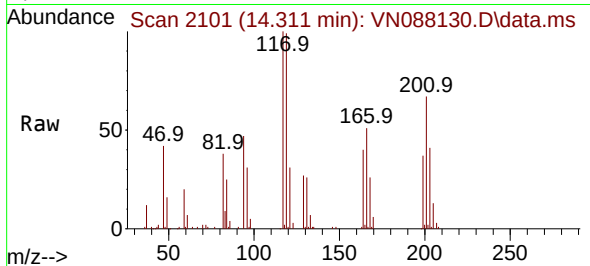




#90
Hexachloroethane
Concen: 14.692 ug/l
RT: 14.311 min Scan# 2101
Delta R.T. -0.000 min
Lab File: VN088130.D
Acq: 28 Oct 2025 11:38

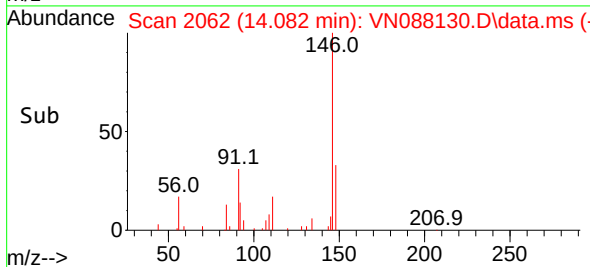
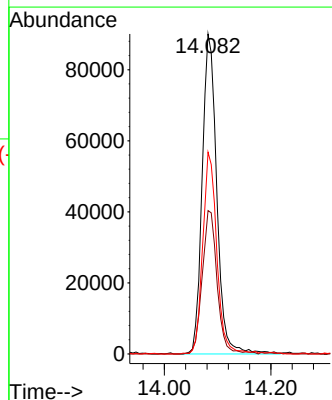
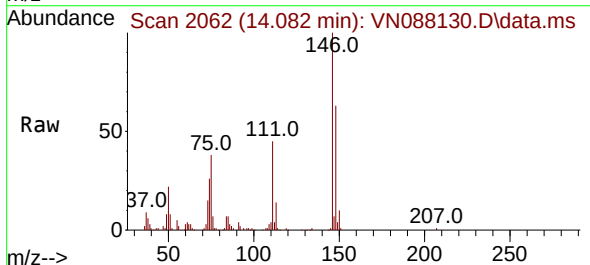
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

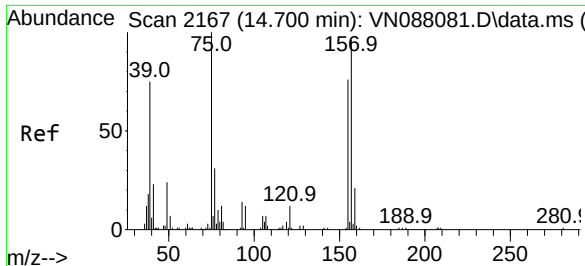
Tgt Ion:117 Resp: 59952
Ion Ratio Lower Upper
117 100
201 64.3 29.1 87.4



#91
1,2-Dichlorobenzene
Concen: 17.140 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN088130.D
Acq: 28 Oct 2025 11:38

Tgt Ion:146 Resp: 171402
Ion Ratio Lower Upper
146 100
111 45.5 22.6 67.8
148 61.0 31.9 95.9





#92

1,2-Dibromo-3-Chloropropane

Concen: 17.286 ug/l

RT: 14.700 min Scan# 2167

Delta R.T. -0.000 min

Lab File: VN088130.D

Acq: 28 Oct 2025 11:38

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBS01

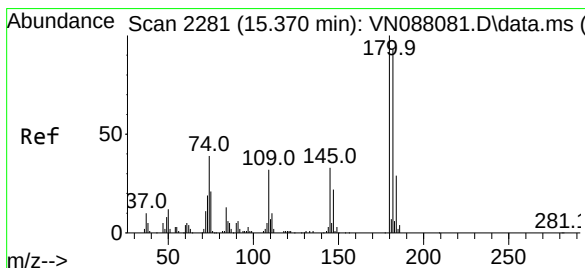
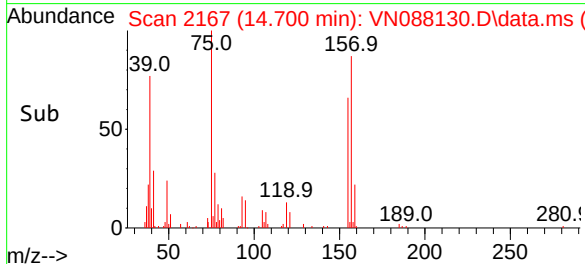
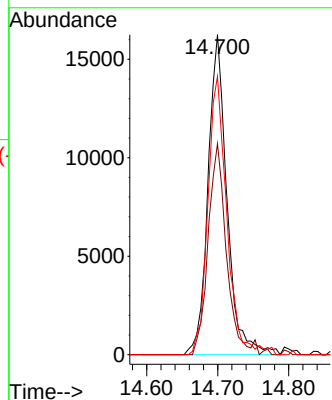
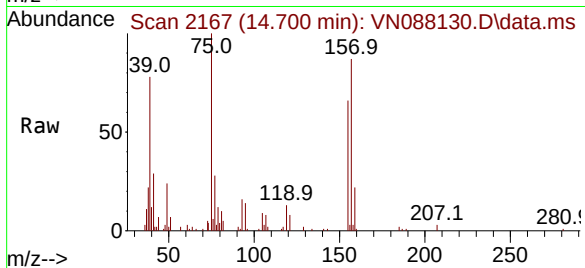
Tgt Ion: 75 Resp: 30187

Ion Ratio Lower Upper

75 100

155 64.2 36.6 109.9

157 87.4 45.6 136.9



#93

1,2,4-Trichlorobenzene

Concen: 16.610 ug/l

RT: 15.364 min Scan# 2280

Delta R.T. -0.000 min

Lab File: VN088130.D

Acq: 28 Oct 2025 11:38

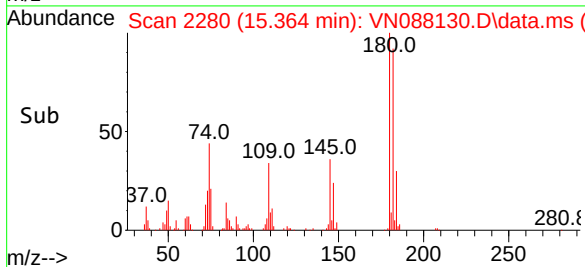
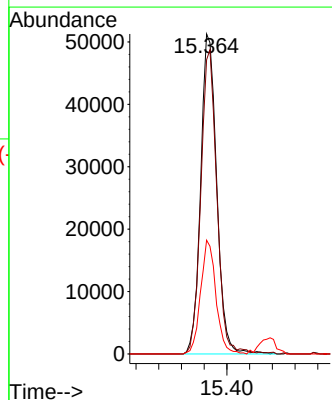
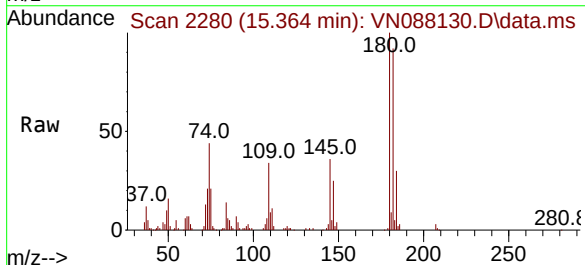
Tgt Ion: 180 Resp: 100598

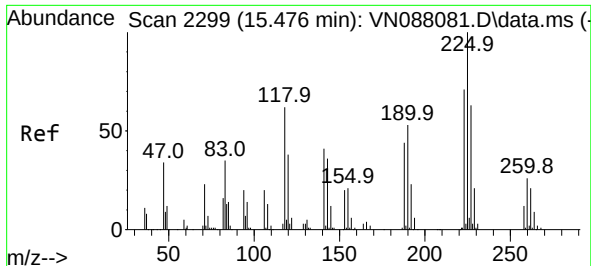
Ion Ratio Lower Upper

180 100

182 94.1 47.6 142.9

145 34.0 16.5 49.5

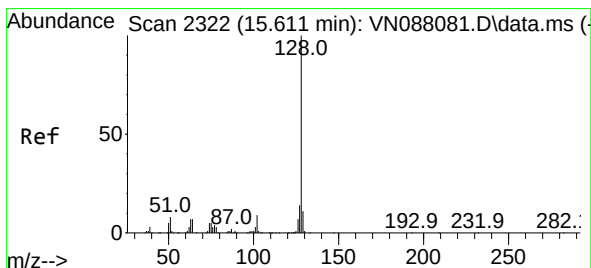
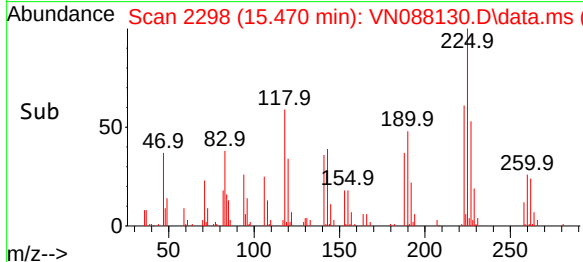
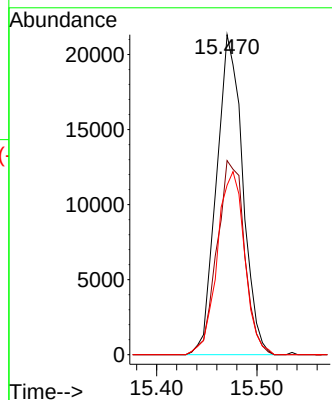
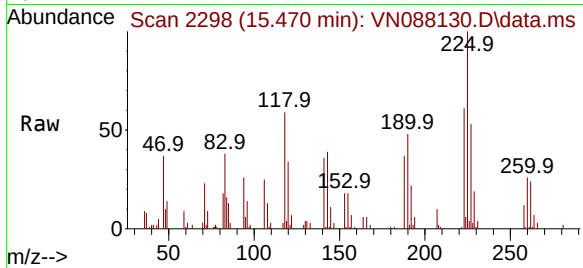




#94
Hexachlorobutadiene
Concen: 17.071 ug/l
RT: 15.470 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN088130.D
Acq: 28 Oct 2025 11:38

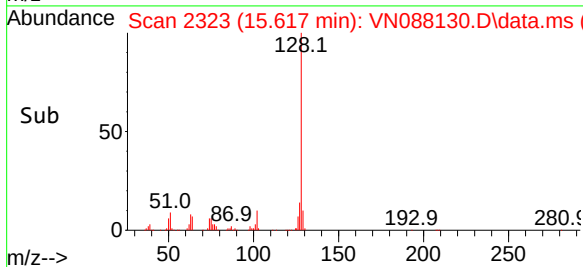
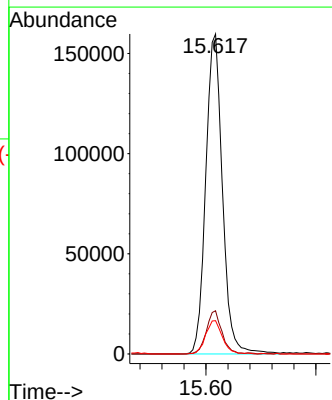
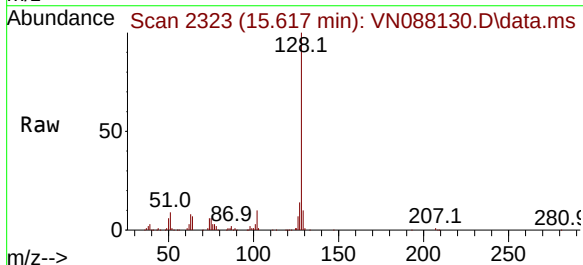
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

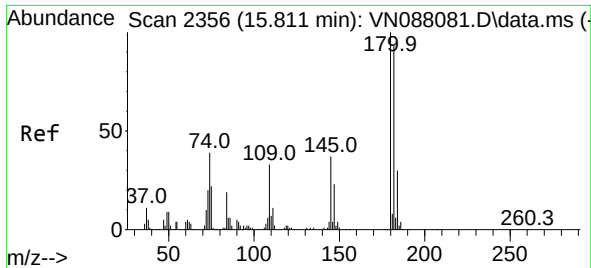
Tgt Ion:225 Resp: 38502
Ion Ratio Lower Upper
225 100
223 63.8 32.0 96.2
227 60.0 32.1 96.5



#95
Naphthalene
Concen: 16.205 ug/l
RT: 15.617 min Scan# 2323
Delta R.T. 0.006 min
Lab File: VN088130.D
Acq: 28 Oct 2025 11:38

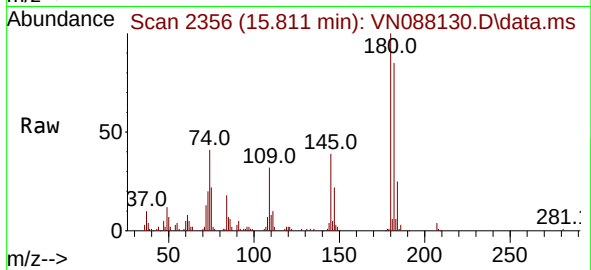
Tgt Ion:128 Resp: 336209
Ion Ratio Lower Upper
128 100
127 12.6 10.6 15.8
129 10.5 8.6 12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 16.590 ug/l
 RT: 15.811 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN088130.D
 Acq: 28 Oct 2025 11:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBS01



Tgt Ion:180 Resp: 96339
 Ion Ratio Lower Upper
 180 100
 182 93.7 46.8 140.3
 145 36.0 17.3 52.0

