

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111725\
 Data File : VN088296.D
 Acq On : 17 Nov 2025 12:16
 Operator : JC\MD
 Sample : VN1117WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117WBSD01

Quant Time: Nov 18 02:57:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 03 01:16:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.200	168	234156	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	431101	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	386674	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	193737	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	216632	53.502	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.000%	
35) Dibromofluoromethane	8.147	113	148199	51.171	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.340%	
50) Toluene-d8	10.547	98	534999	47.942	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 95.880%	
62) 4-Bromofluorobenzene	12.829	95	187715	47.630	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 95.260%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	47242	17.886	ug/l	93
3) Chloromethane	2.383	50	62141	19.998	ug/l	94
4) Vinyl Chloride	2.536	62	64300	18.992	ug/l	99
5) Bromomethane	2.983	94	39846	19.676	ug/l	91
6) Chloroethane	3.136	64	41929	17.189	ug/l	100
7) Trichlorofluoromethane	3.512	101	99065	18.345	ug/l	99
8) Diethyl Ether	3.965	74	40495	20.177	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.371	101	55856	20.045	ug/l	99
10) Methyl Iodide	4.589	142	50782	19.941	ug/l	99
11) Tert butyl alcohol	5.524	59	77504	111.107	ug/l #	86
12) 1,1-Dichloroethene	4.342	96	54491	18.515	ug/l	93
13) Acrolein	4.177	56	75957	96.805	ug/l	97
14) Allyl chloride	5.012	41	99297	19.249	ug/l	95
15) Acrylonitrile	5.706	53	218880	115.192	ug/l	99
16) Acetone	4.424	43	211463	103.955	ug/l	95
17) Carbon Disulfide	4.712	76	154415	17.260	ug/l	99
18) Methyl Acetate	5.018	43	106314	25.529	ug/l	98
19) Methyl tert-butyl Ether	5.789	73	229393	21.224	ug/l	98
20) Methylene Chloride	5.271	84	71098	20.821	ug/l	95
21) trans-1,2-Dichloroethene	5.777	96	61395	19.005	ug/l	94
22) Diisopropyl ether	6.659	45	247568	22.820	ug/l	98
23) Vinyl Acetate	6.588	43	1088740	111.411	ug/l	100
24) 1,1-Dichloroethane	6.559	63	132751	22.090	ug/l	99
25) 2-Butanone	7.471	43	303598	113.251	ug/l	99
26) 2,2-Dichloropropane	7.471	77	111759	20.464	ug/l	98
27) cis-1,2-Dichloroethene	7.471	96	76733	20.633	ug/l	95
28) Bromochloromethane	7.794	49	82012	28.882	ug/l	98
29) Tetrahydrofuran	7.824	42	198332	113.524	ug/l	98
30) Chloroform	7.953	83	134948	22.478	ug/l	95
31) Cyclohexane	8.241	56	107484	18.964	ug/l	95
32) 1,1,1-Trichloroethane	8.153	97	112087	20.962	ug/l	93
36) 1,1-Dichloropropene	8.353	75	86174	20.378	ug/l	98
37) Ethyl Acetate	7.541	43	125107	22.926	ug/l	99
38) Carbon Tetrachloride	8.341	117	93295	21.361	ug/l	99
39) Methylcyclohexane	9.582	83	91697	16.870	ug/l	99
40) Benzene	8.588	78	277969	21.584	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	63521	22.116	ug/l	95
42) 1,2-Dichloroethane	8.653	62	106083	23.183	ug/l	99
43) Isopropyl Acetate	8.671	43	192802	22.992	ug/l	98
44) Trichloroethene	9.335	130	62808	20.865	ug/l	96
45) 1,2-Dichloropropane	9.600	63	73361	22.564	ug/l	96
46) Dibromomethane	9.688	93	53734	23.173	ug/l	97
47) Bromodichloromethane	9.865	83	107956	23.254	ug/l	98
48) Methyl methacrylate	9.665	41	88727	22.918	ug/l	98
49) 1,4-Dioxane	9.676	88	24903	517.193	ug/l #	100
51) 4-Methyl-2-Pentanone	10.424	43	606634	122.287	ug/l	99
52) Toluene	10.606	92	166752	21.001	ug/l	97
53) t-1,3-Dichloropropene	10.818	75	112352	22.738	ug/l	98
54) cis-1,3-Dichloropropene	10.288	75	116635	22.245	ug/l	96
55) 1,1,2-Trichloroethane	10.994	97	70079	23.264	ug/l	96
56) Ethyl methacrylate	10.853	69	105098	22.046	ug/l	98
57) 1,3-Dichloropropane	11.141	76	123295	23.286	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.141	63	283209	114.213	ug/l	100
59) 2-Hexanone	11.176	43	388202	117.965	ug/l	100
60) Dibromochloromethane	11.335	129	77858	22.740	ug/l	100
61) 1,2-Dibromoethane	11.447	107	68729	22.169	ug/l	98
64) Tetrachloroethene	11.082	164	52272	20.494	ug/l	93
65) Chlorobenzene	11.870	112	184815	21.049	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.941	131	65911	22.913	ug/l	98
67) Ethyl Benzene	11.941	91	312566	20.281	ug/l	100
68) m/p-Xylenes	12.047	106	230933	39.991	ug/l	97
69) o-Xylene	12.376	106	112098	20.478	ug/l	97
70) Styrene	12.388	104	185415	20.771	ug/l	98
71) Bromoform	12.559	173	47931	22.328	ug/l #	99
73) Isopropylbenzene	12.670	105	285398	19.100	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.917	83	105006	22.572	ug/l	100
76) 1,2,3-Trichloropropane	12.970	75	135570	30.607	ug/l	62
77) Bromobenzene	12.959	156	70644	21.924	ug/l	100
78) n-propylbenzene	13.012	91	357833	19.623	ug/l	98
79) 2-Chlorotoluene	13.106	91	214159	20.594	ug/l	98
80) 1,3,5-Trimethylbenzene	13.153	105	248523	20.026	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.717	75	30478	19.194	ug/l	89
82) 4-Chlorotoluene	13.200	91	223115	19.831	ug/l	98
83) tert-Butylbenzene	13.417	119	202965	18.309	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	247101	19.902	ug/l	98
85) sec-Butylbenzene	13.594	105	303475	18.633	ug/l	99
86) p-Isopropyltoluene	13.706	119	252977	19.362	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	130440	20.279	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	133328	19.299	ug/l	97
89) n-Butylbenzene	14.035	91	239479	18.504	ug/l	99
90) Hexachloroethane	14.311	117	48848	19.306	ug/l	92
91) 1,2-Dichlorobenzene	14.082	146	130139	20.989	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.700	75	23082	21.317	ug/l	95
93) 1,2,4-Trichlorobenzene	15.370	180	70475	18.768	ug/l	95
94) Hexachlorobutadiene	15.476	225	27343	19.553	ug/l	97
95) Naphthalene	15.617	128	246411	19.155	ug/l	99
96) 1,2,3-Trichlorobenzene	15.817	180	69804	19.387	ug/l	98

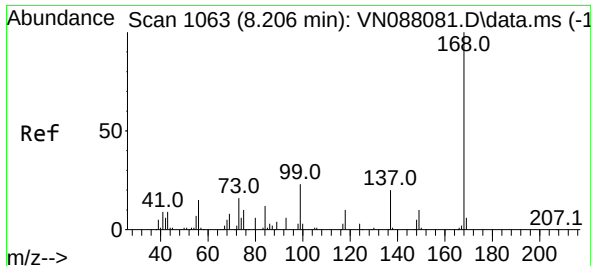
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

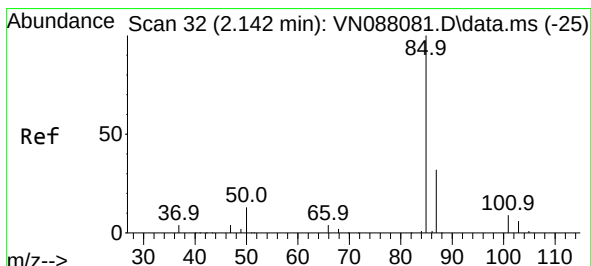
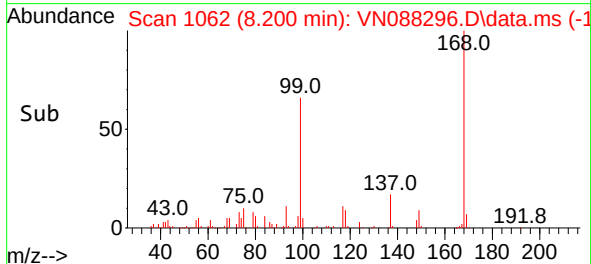
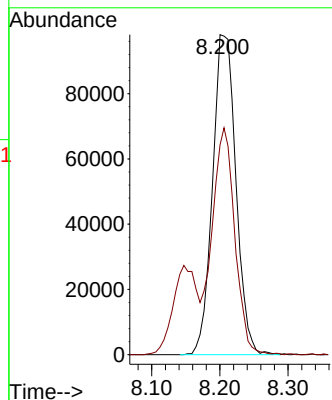
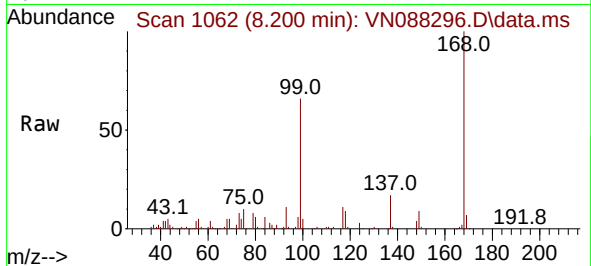
(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.200 min Scan# 1063
Delta R.T. -0.006 min
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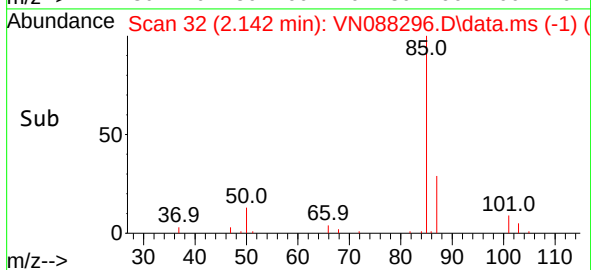
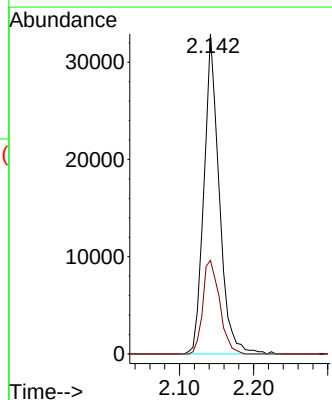
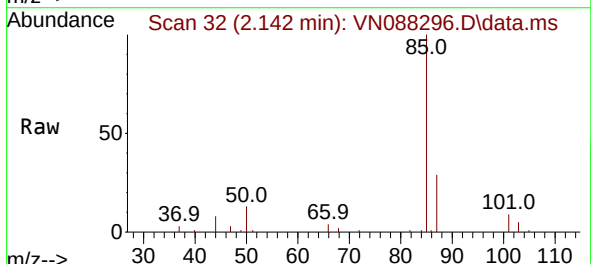
Instrument :
MSVOA_N
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VN1117WBSD01

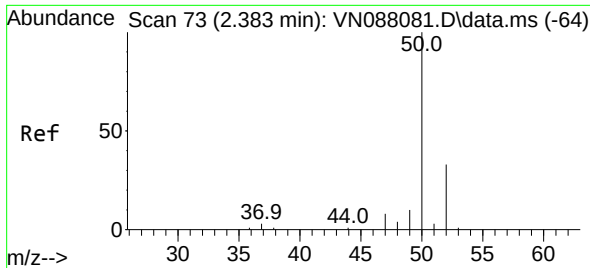
Tgt Ion:168 Resp: 234156
Ion Ratio Lower Upper
168 100
99 65.2 57.2 85.8



#2
Dichlorodifluoromethane
Concen: 17.886 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN088296.D
Acq: 17 Nov 2025 12:16

Tgt Ion: 85 Resp: 47242
Ion Ratio Lower Upper
85 100
87 29.2 16.6 49.8





#3

Chloromethane

Concen: 19.998 ug/l

RT: 2.383 min Scan# 71

Delta R.T. -0.000 min

Lab File: VN088296.D

Acq: 17 Nov 2025 12:16

Instrument :

MSVOA_N

ClientSampleId :

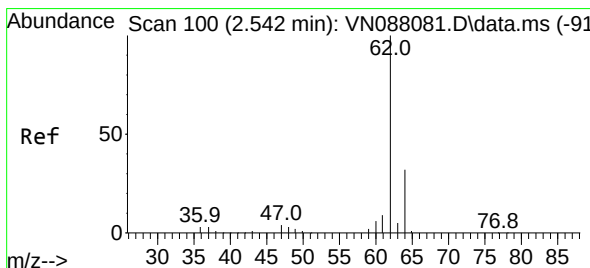
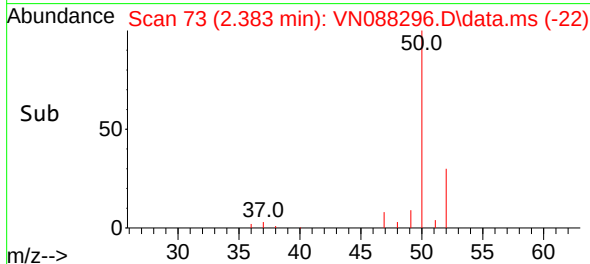
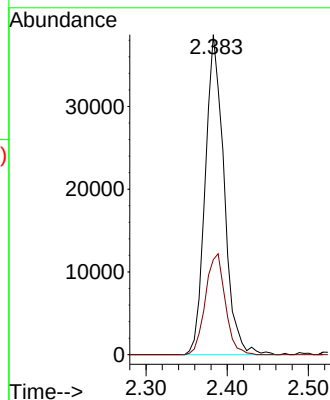
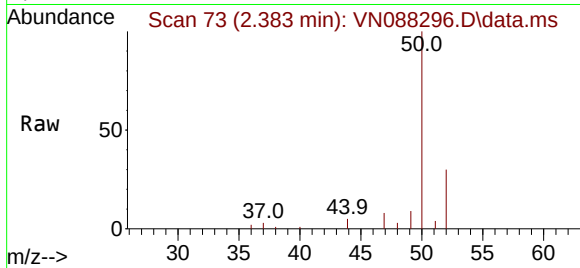
VN1117WBSD01

Tgt Ion: 50 Resp: 62141

Ion Ratio Lower Upper

50 100

52 29.7 26.2 39.4



#4

Vinyl Chloride

Concen: 18.992 ug/l

RT: 2.536 min Scan# 99

Delta R.T. -0.006 min

Lab File: VN088296.D

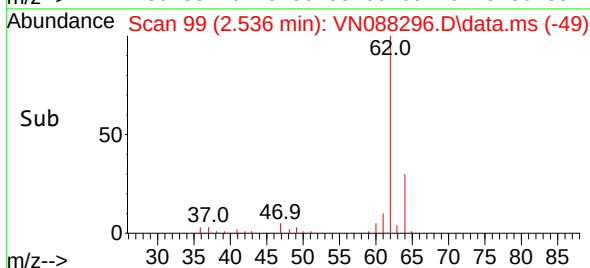
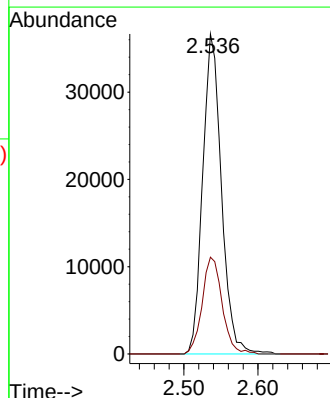
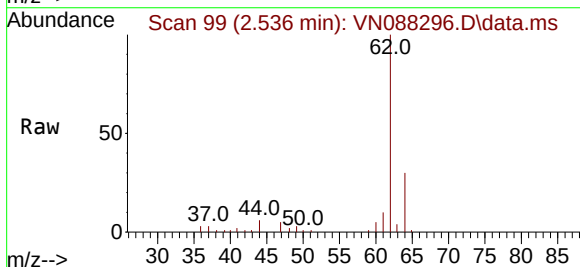
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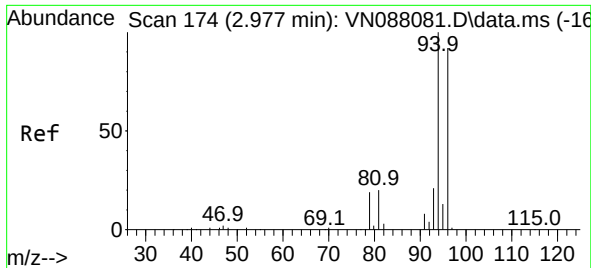
Tgt Ion: 62 Resp: 64300

Ion Ratio Lower Upper

62 100

64 30.3 24.6 37.0

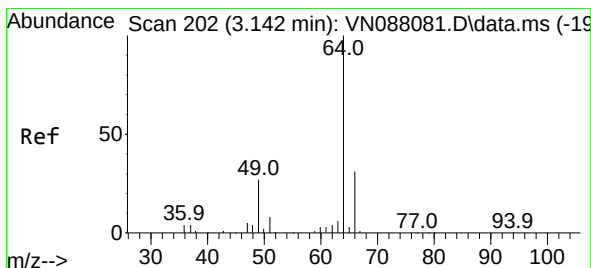
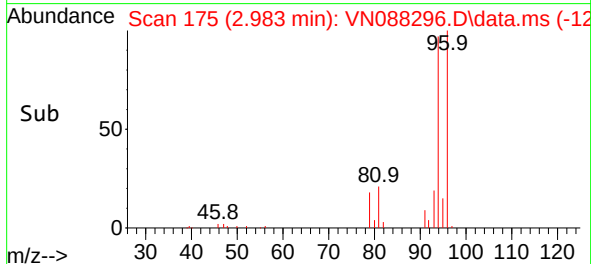
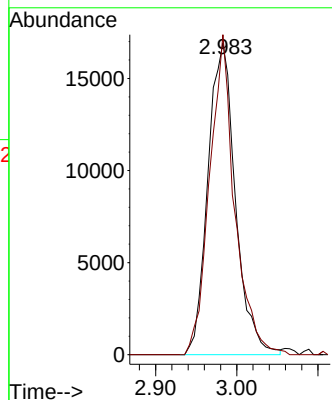
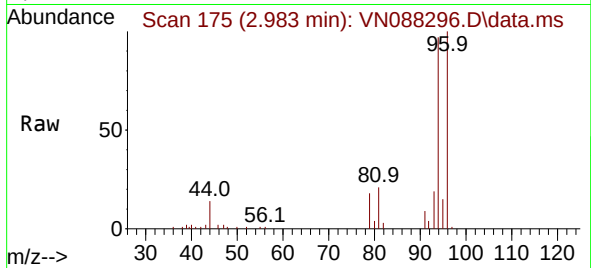




#5
Bromomethane
Concen: 19.676 ug/l
RT: 2.983 min Scan# 1
Delta R.T. 0.012 min
Lab File: VN088296.D
Acq: 17 Nov 2025 12:16

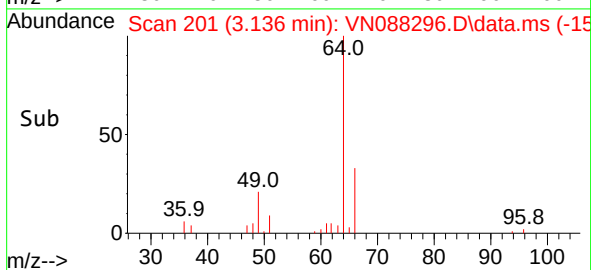
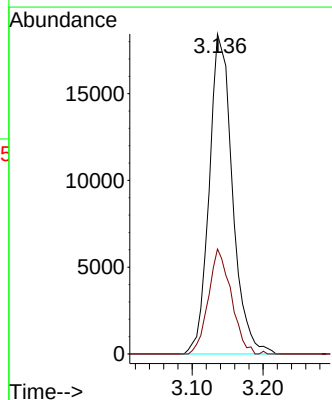
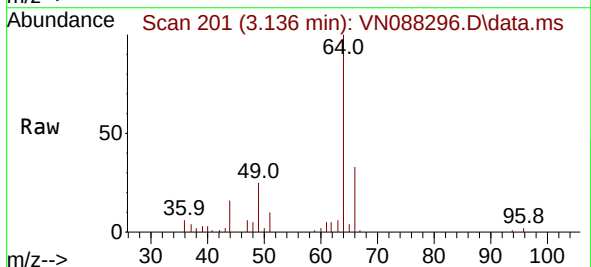
Instrument :
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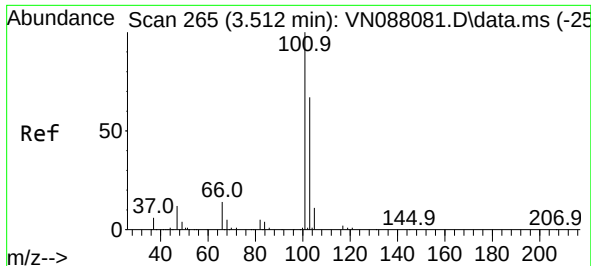
Tgt Ion: 94 Resp: 39846
Ion Ratio Lower Upper
94 100
96 102.7 75.4 113.2



#6
Chloroethane
Concen: 17.189 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.000 min
Lab File: VN088296.D
Acq: 17 Nov 2025 12:16

Tgt Ion: 64 Resp: 41929
Ion Ratio Lower Upper
64 100
66 32.8 26.2 39.2

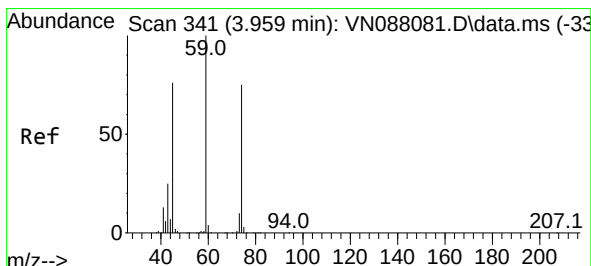
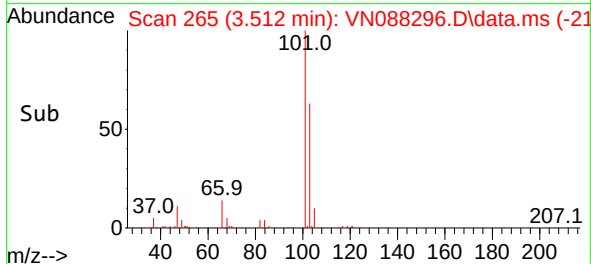
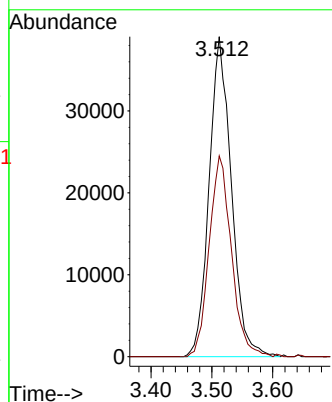
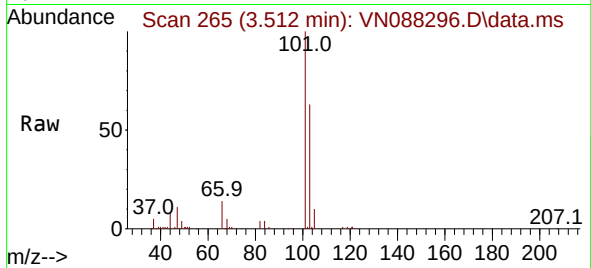




#7
 Trichlorofluoromethane
 Concen: 18.345 ug/l
 RT: 3.512 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN088296.D
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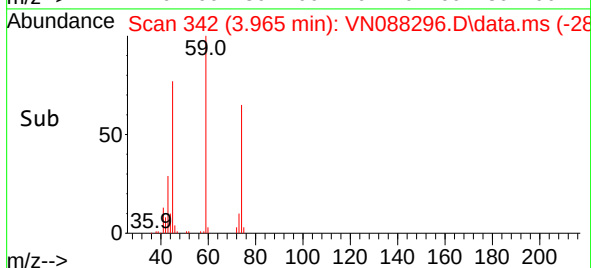
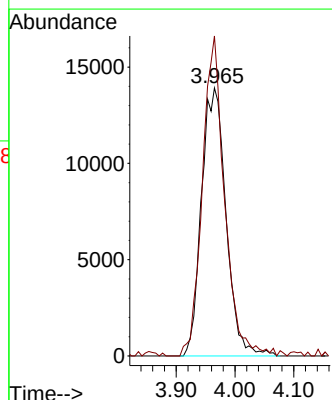
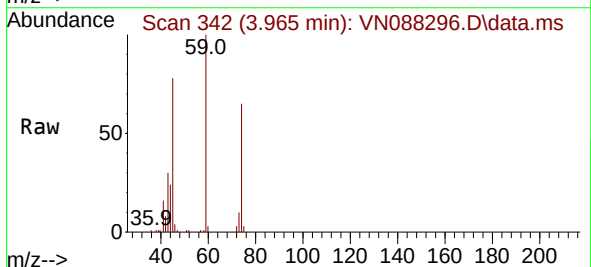
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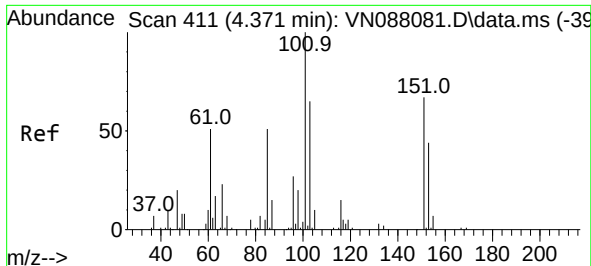
Tgt Ion:101 Resp: 99065
 Ion Ratio Lower Upper
 101 100
 103 62.7 49.4 74.0



#8
 Diethyl Ether
 Concen: 20.177 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.012 min
 Lab File: VN088296.D
 Acq: 17 Nov 2025 12:16

Tgt Ion: 74 Resp: 40495
 Ion Ratio Lower Upper
 74 100
 45 108.3 50.6 151.9

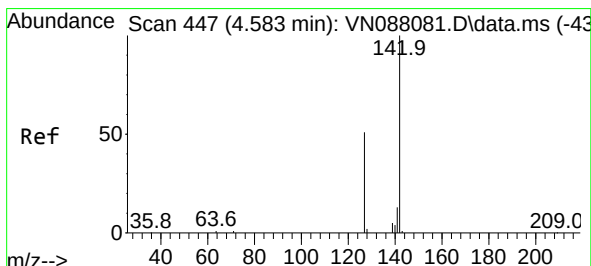
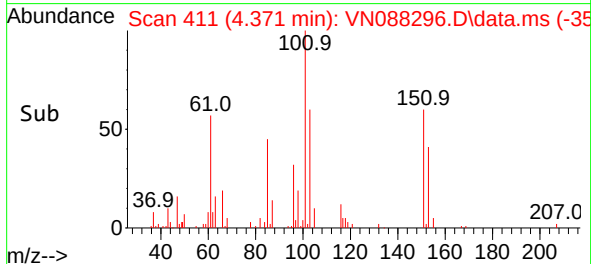
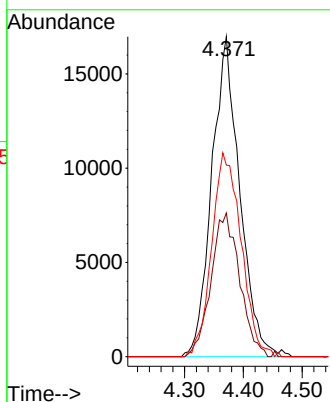
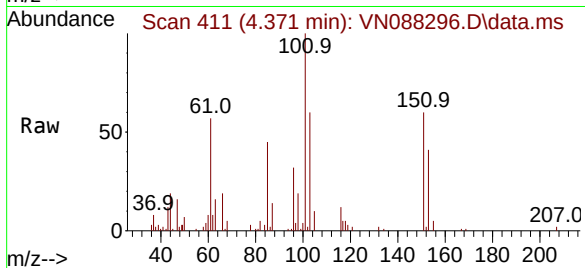




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.045 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN088296.D
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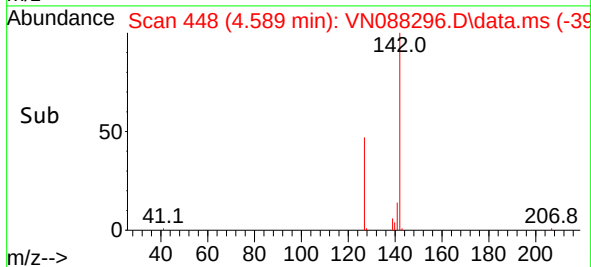
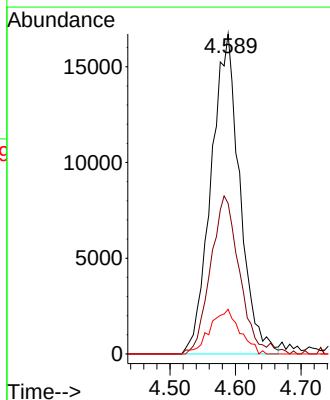
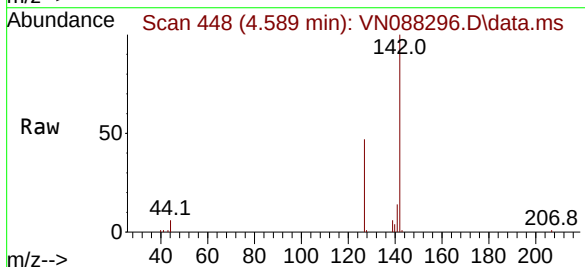
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VN1117WBSD01

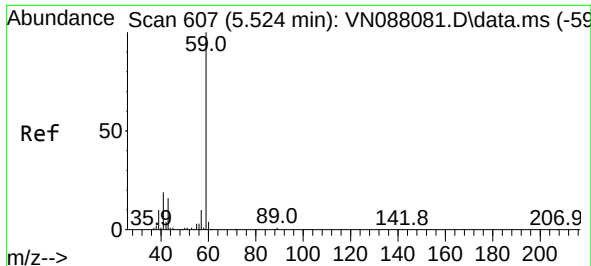
Tgt Ion:101 Resp: 55856
Ion Ratio Lower Upper
101 100
85 46.2 36.6 55.0
151 67.5 54.7 82.1



#10
Methyl Iodide
Concen: 19.941 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.012 min
Lab File: VN088296.D
Acq: 17 Nov 2025 12:16

Tgt Ion:142 Resp: 50782
Ion Ratio Lower Upper
142 100
127 47.0 38.0 57.0
141 13.9 12.0 18.0

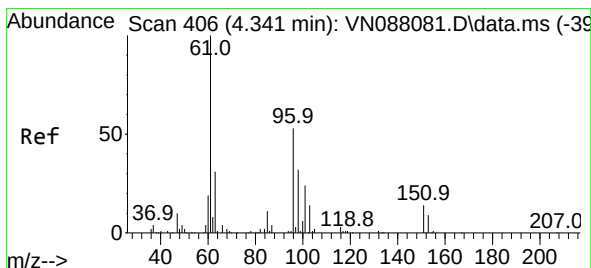
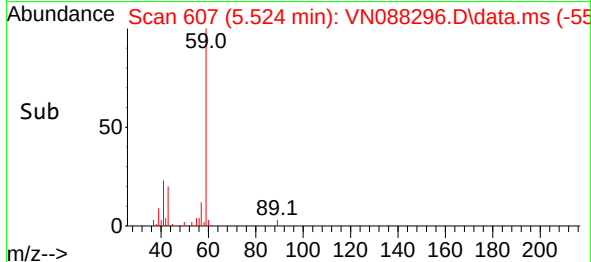
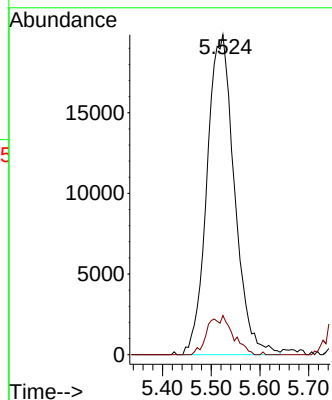
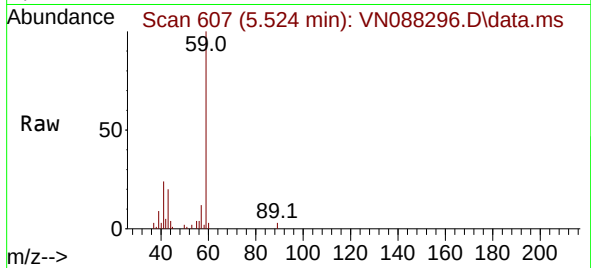




#11
Tert butyl alcohol
Concen: 111.107 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN088296.D
Acq: 17 Nov 2025 12:16

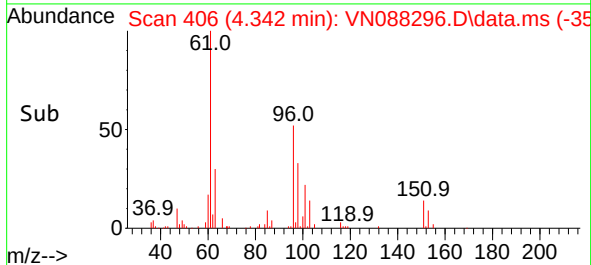
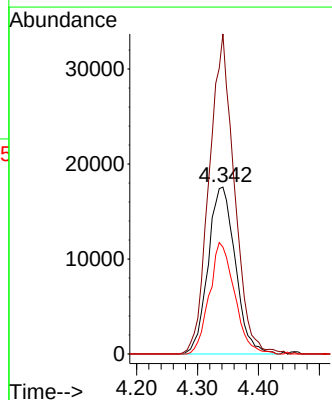
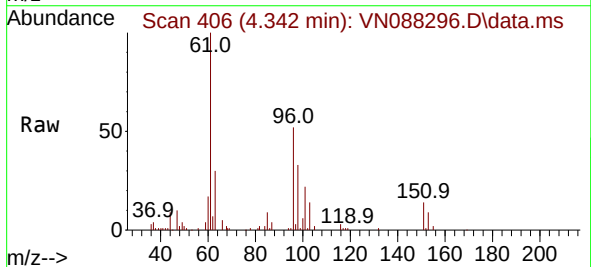
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01

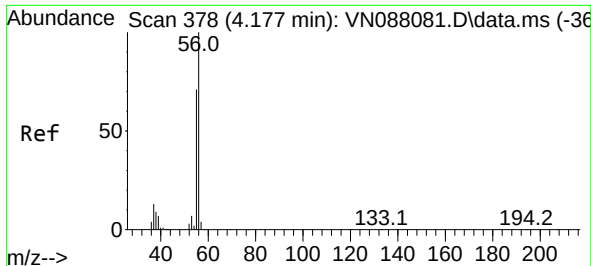
Tgt Ion: 59 Resp: 77504
Ion Ratio Lower Upper
59 100
57 5.9 9.0 13.4#



#12
1,1-Dichloroethene
Concen: 18.515 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN088296.D
Acq: 17 Nov 2025 12:16

Tgt Ion: 96 Resp: 54491
Ion Ratio Lower Upper
96 100
61 191.7 143.8 215.8
98 64.0 52.1 78.1

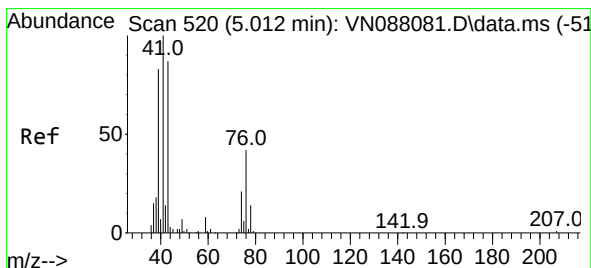
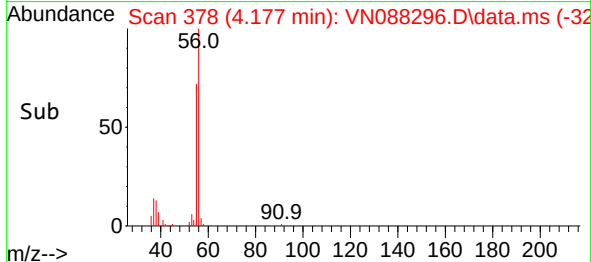
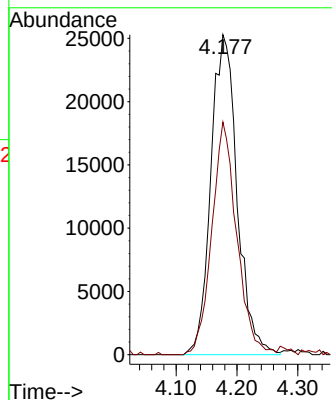
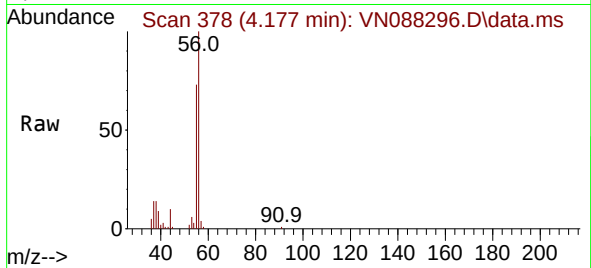




#13
Acrolein
Concen: 96.805 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN088296.D
Acq: 17 Nov 2025 12:16

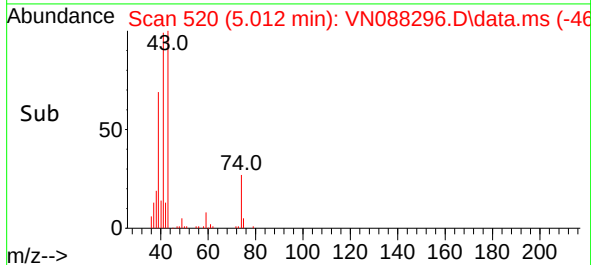
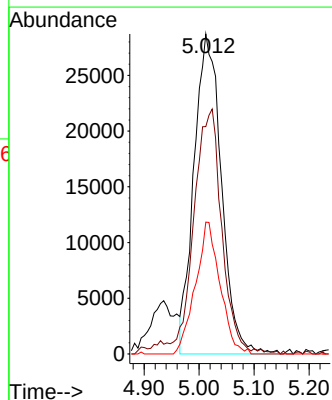
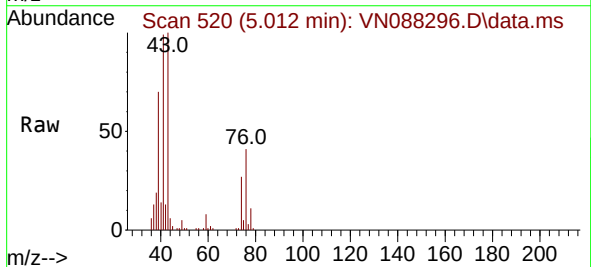
Instrument :
MSVOA_N
ClientSampleId :
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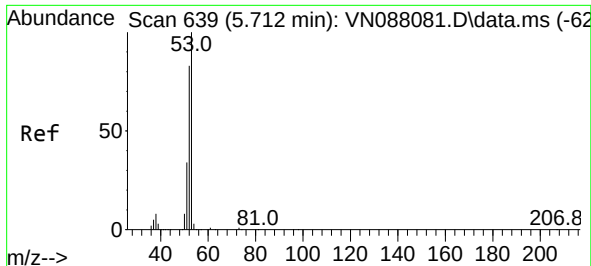
Tgt Ion: 56 Resp: 75957
Ion Ratio Lower Upper
56 100
55 69.0 57.3 85.9



#14
Allyl chloride
Concen: 19.249 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.006 min
Lab File: VN088296.D
Acq: 17 Nov 2025 12:16

Tgt Ion: 41 Resp: 99297
Ion Ratio Lower Upper
41 100
39 75.3 63.9 95.9
76 37.0 28.1 42.1

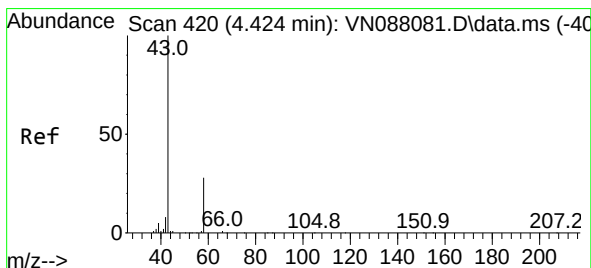
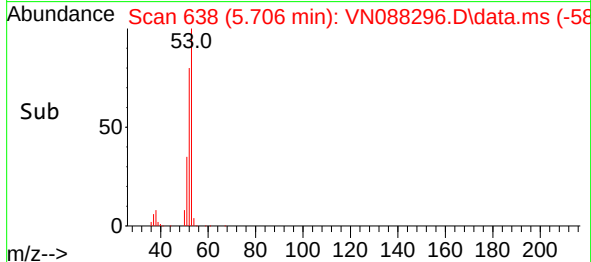
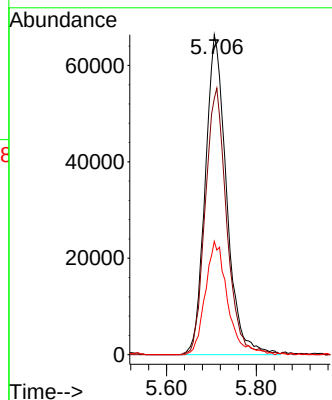
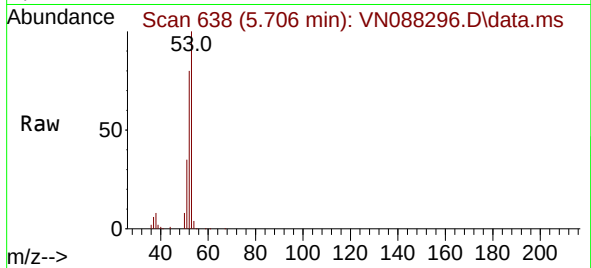




#15
Acrylonitrile
Concen: 115.192 ug/l
RT: 5.706 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN088296.D
Acq: 17 Nov 2025 12:16

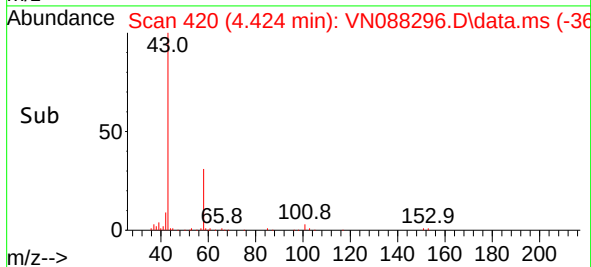
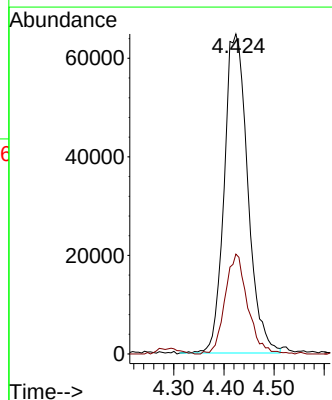
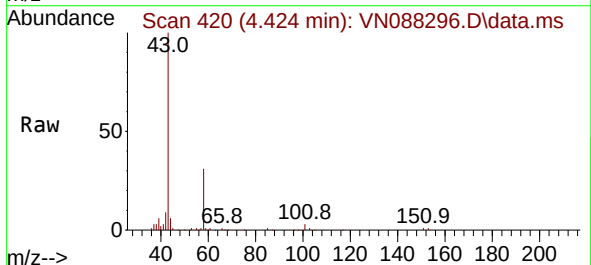
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01

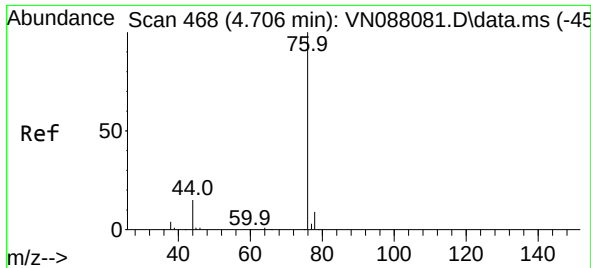
Tgt Ion: 53 Resp: 218880
Ion Ratio Lower Upper
53 100
52 84.0 67.6 101.4
51 37.1 30.1 45.1



#16
Acetone
Concen: 103.955 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN088296.D
Acq: 17 Nov 2025 12:16

Tgt Ion: 43 Resp: 211463
Ion Ratio Lower Upper
43 100
58 30.8 22.6 33.8

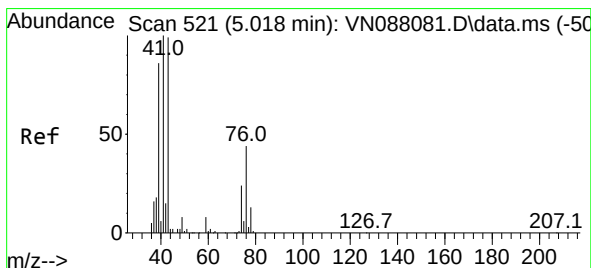
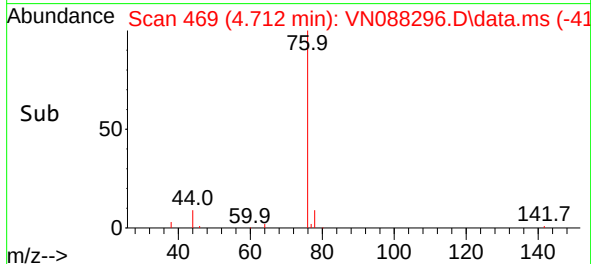
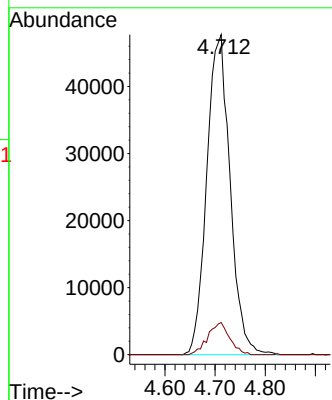
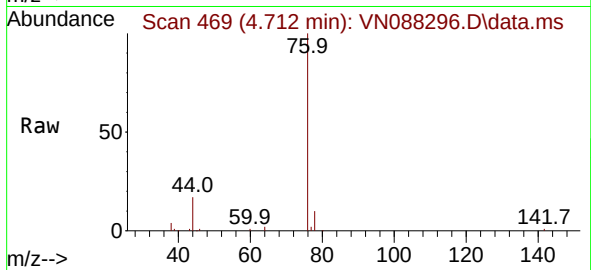




#17
Carbon Disulfide
Concen: 17.260 ug/l
RT: 4.712 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN088296.D
Acq: 17 Nov 2025 12:16

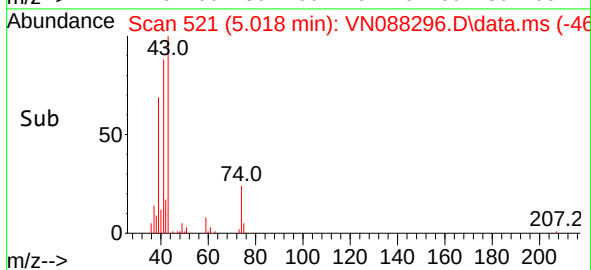
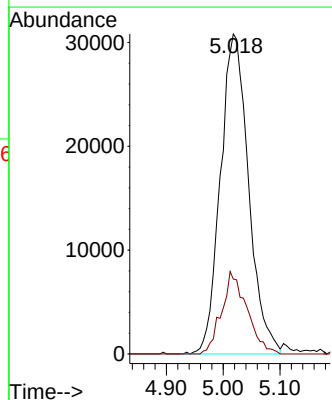
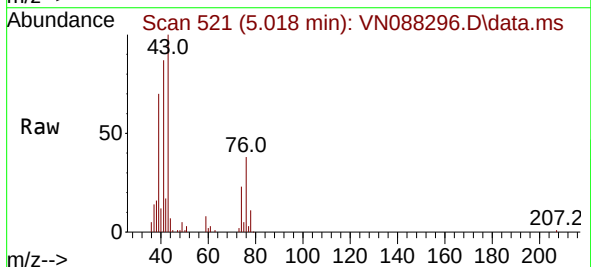
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01

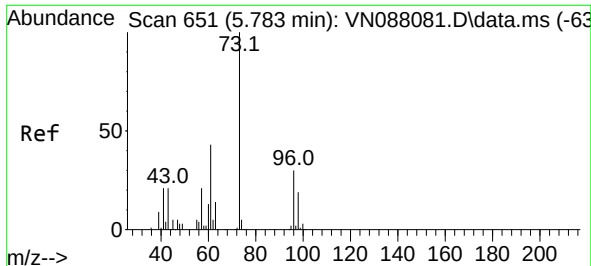
Tgt Ion: 76 Resp: 154415
Ion Ratio Lower Upper
76 100
78 10.0 7.6 11.4



#18
Methyl Acetate
Concen: 25.529 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN088296.D
Acq: 17 Nov 2025 12:16

Tgt Ion: 43 Resp: 106314
Ion Ratio Lower Upper
43 100
74 23.1 17.6 26.4

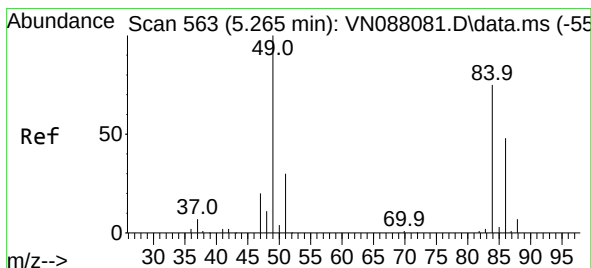
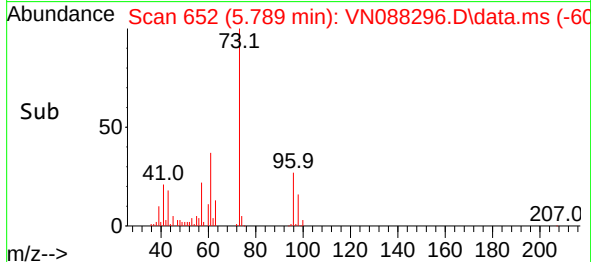
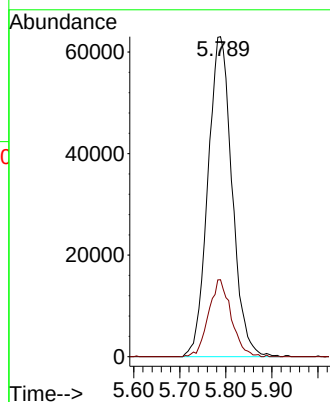
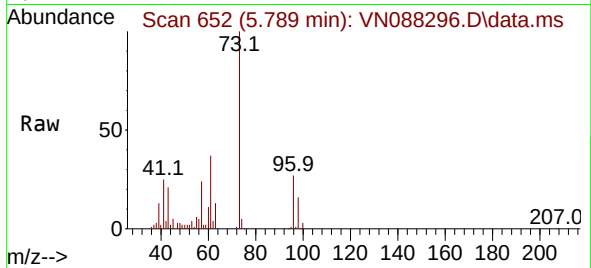




#19
Methyl tert-butyl Ether
Concen: 21.224 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN088296.D
Acq: 17 Nov 2025 12:16

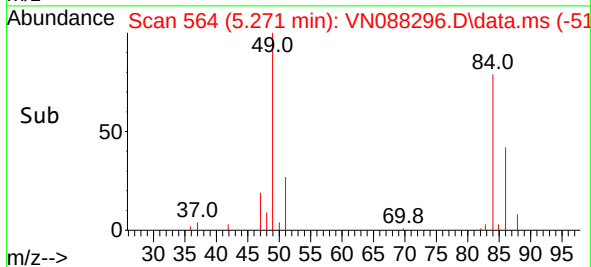
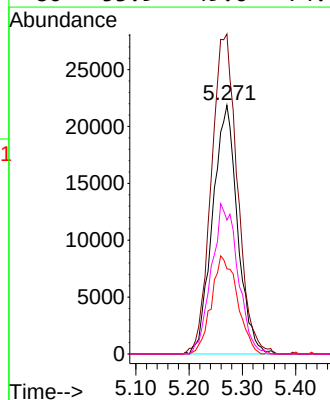
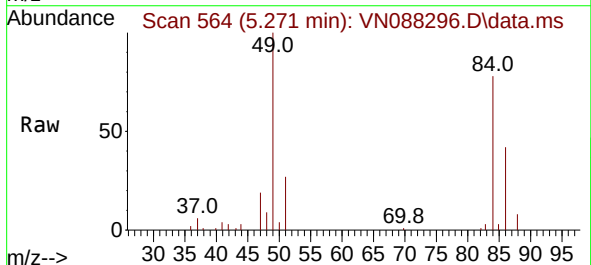
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01

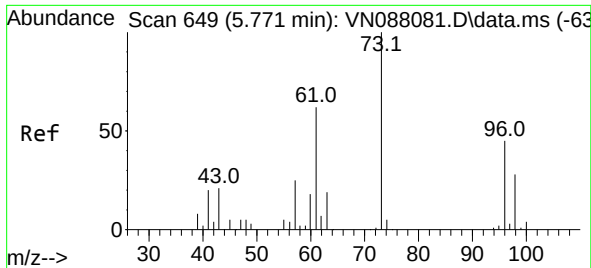
Tgt Ion: 73 Resp: 229393
Ion Ratio Lower Upper
73 100
57 24.1 18.4 27.6



#20
Methylene Chloride
Concen: 20.821 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.006 min
Lab File: VN088296.D
Acq: 17 Nov 2025 12:16

Tgt Ion: 84 Resp: 71098
Ion Ratio Lower Upper
84 100
49 128.7 103.4 155.2
51 34.2 33.8 50.8
86 53.9 49.6 74.4

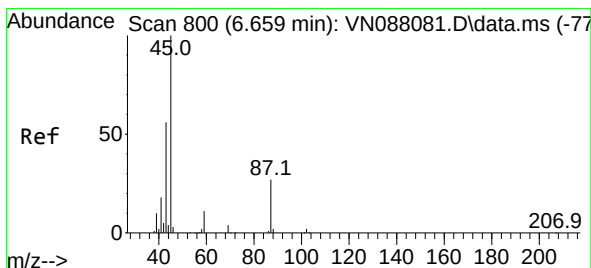
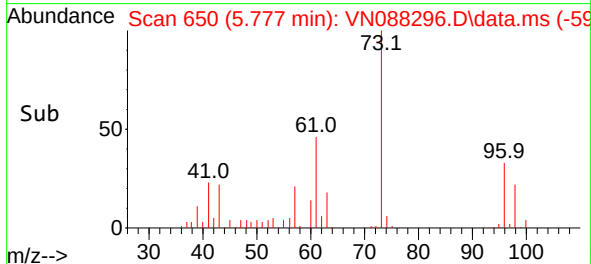
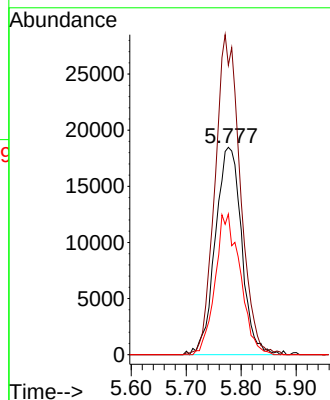
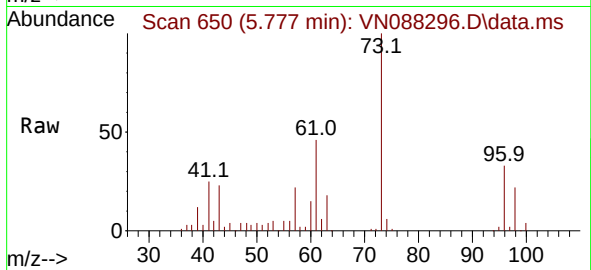




#21
trans-1,2-Dichloroethene
Concen: 19.005 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN088296.D
Acq: 17 Nov 2025 12:16

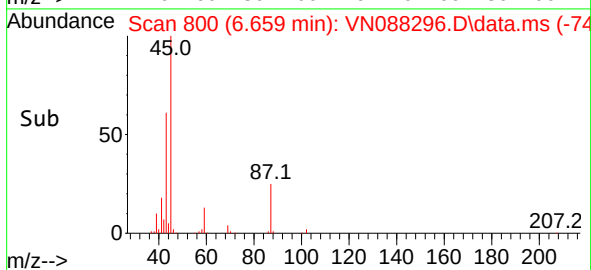
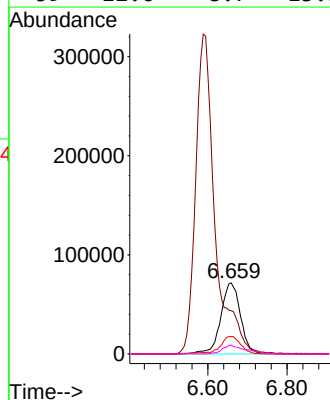
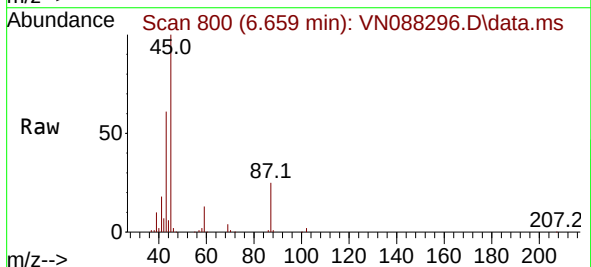
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01

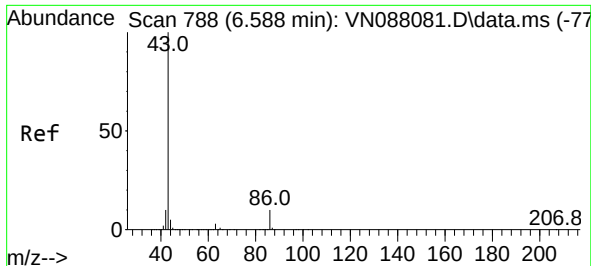
Tgt Ion: 96 Resp: 61395
Ion Ratio Lower Upper
96 100
61 139.6 118.0 177.0
98 67.8 50.0 75.0



#22
Diisopropyl ether
Concen: 22.820 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN088296.D
Acq: 17 Nov 2025 12:16

Tgt Ion: 45 Resp: 247568
Ion Ratio Lower Upper
45 100
43 59.4 47.7 71.5
87 24.7 21.4 32.0
59 12.6 8.7 13.1

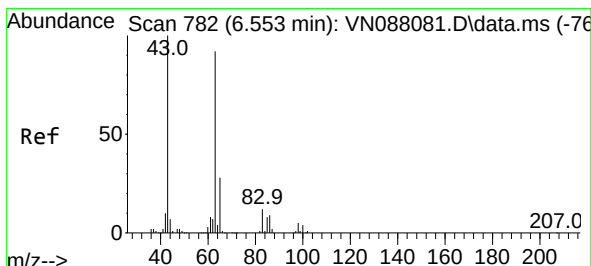
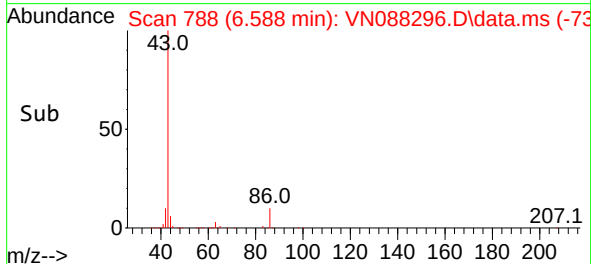
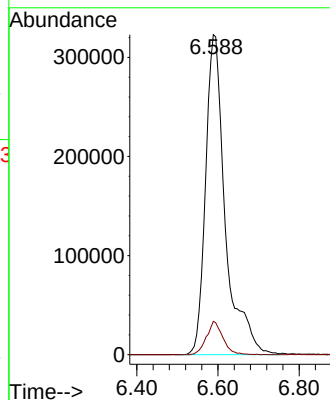
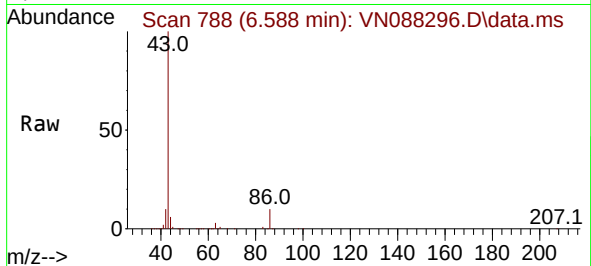




#23
 Vinyl Acetate
 Concen: 111.411 ug/l
 RT: 6.588 min Scan# 77
 Delta R.T. -0.000 min
 Lab File: VN088296.D
 Acq: 17 Nov 2025 12:16

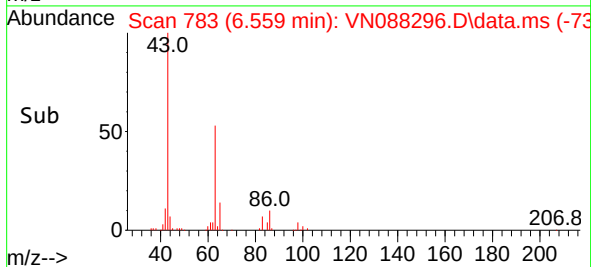
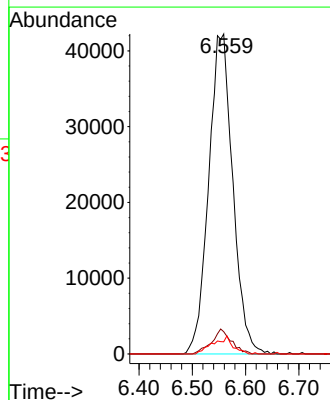
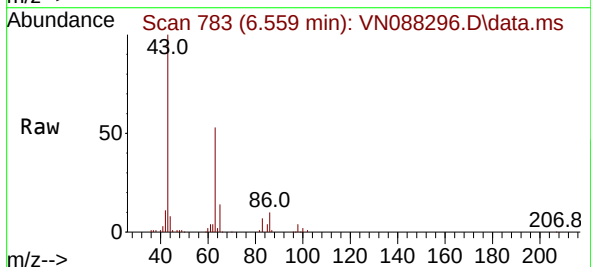
Instrument :
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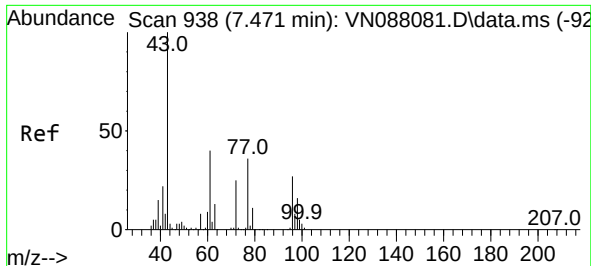
Tgt Ion: 43 Resp: 1088740
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 22.090 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. 0.012 min
 Lab File: VN088296.D
 Acq: 17 Nov 2025 12:16

Tgt Ion: 63 Resp: 132751
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.8 11.4
 100 3.8 2.0 6.0

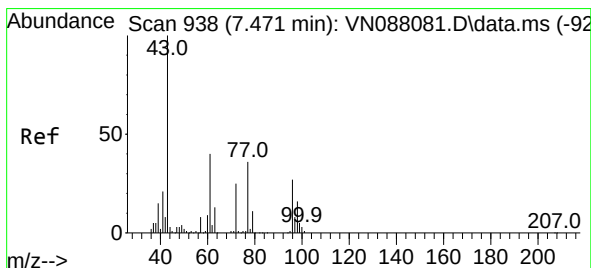
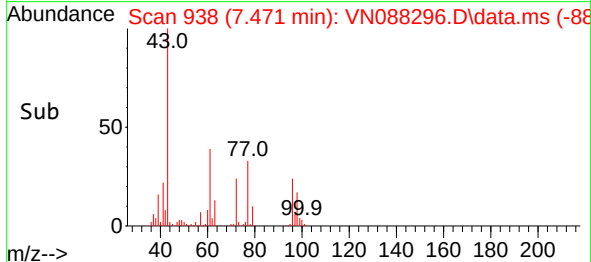
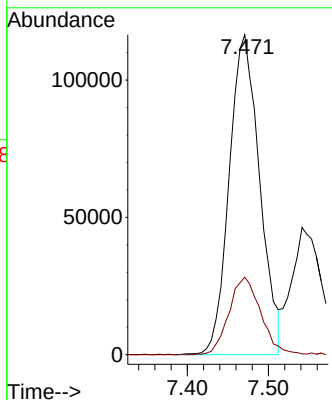
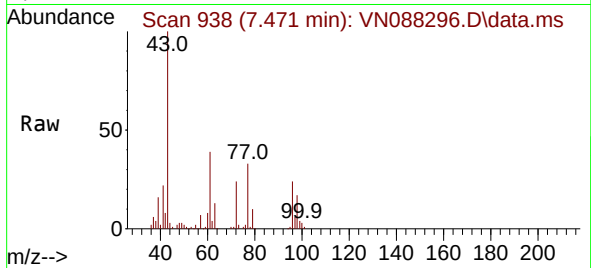




#25
2-Butanone
Concen: 113.251 ug/l
RT: 7.471 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN088296.D
Acq: 17 Nov 2025 12:16

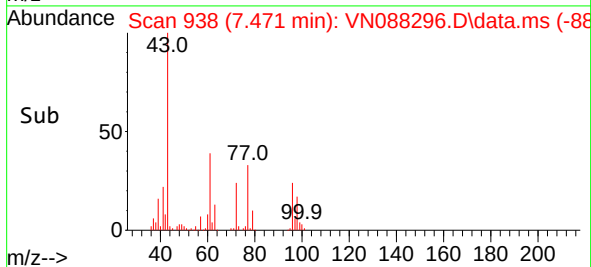
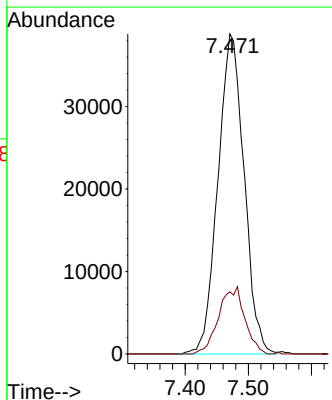
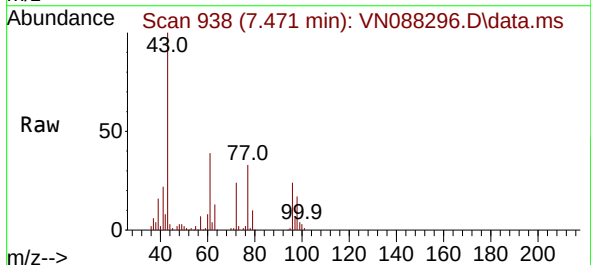
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01

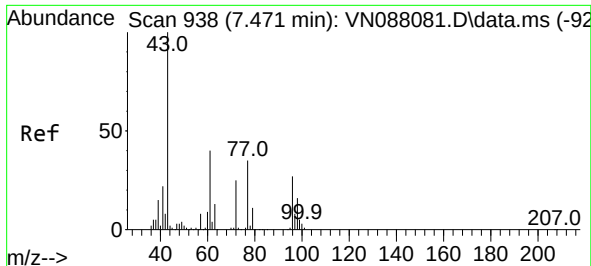
Tgt Ion: 43 Resp: 303598
Ion Ratio Lower Upper
43 100
72 24.2 19.9 29.9



#26
2,2-Dichloropropane
Concen: 20.464 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN088296.D
Acq: 17 Nov 2025 12:16

Tgt Ion: 77 Resp: 111759
Ion Ratio Lower Upper
77 100
97 20.9 10.9 32.7

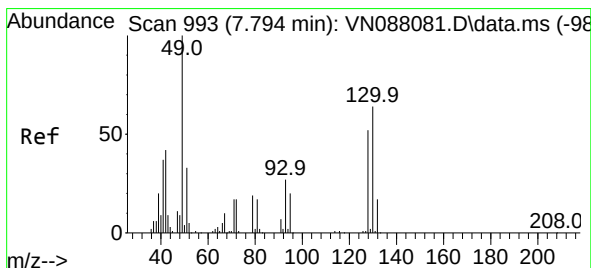
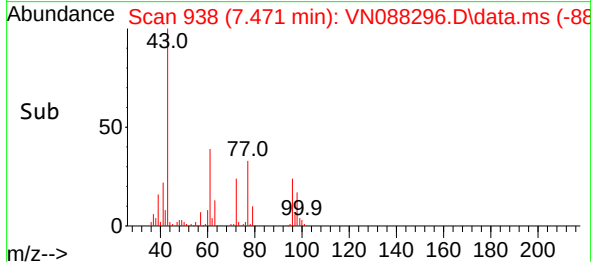
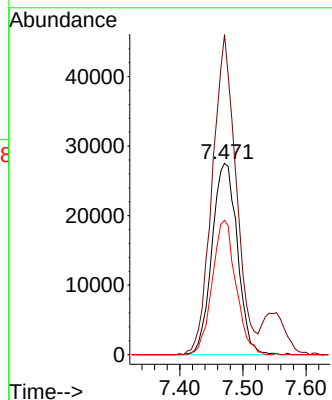
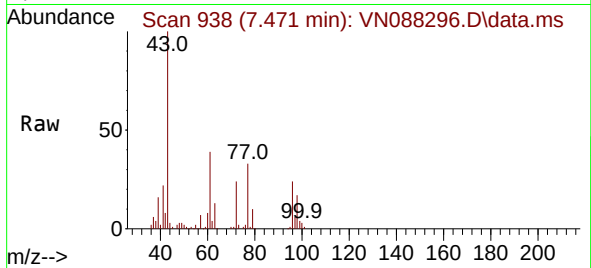




#27
 cis-1,2-Dichloroethene
 Concen: 20.633 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN088296.D
 Acq: 17 Nov 2025 12:16

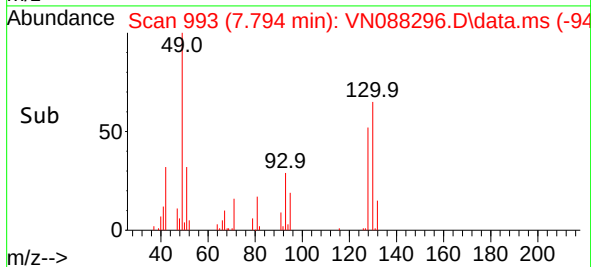
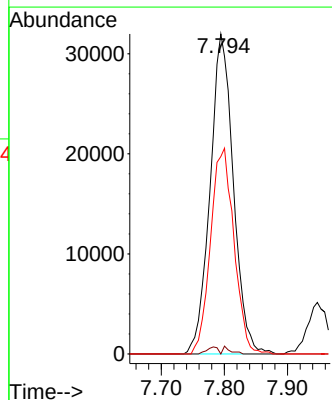
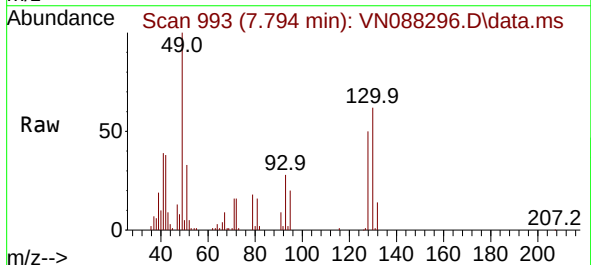
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117WBSD01

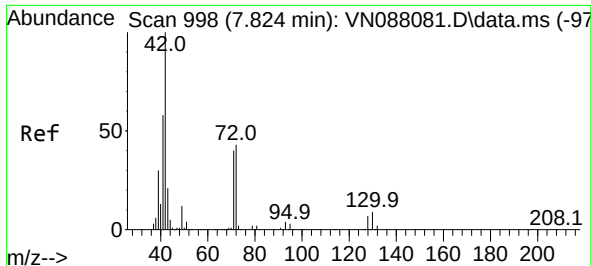
Tgt Ion: 96 Resp: 76733
 Ion Ratio Lower Upper
 96 100
 61 158.0 0.0 301.8
 98 65.6 0.0 126.2



#28
 Bromochloromethane
 Concen: 28.882 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN088296.D
 Acq: 17 Nov 2025 12:16

Tgt Ion: 49 Resp: 82012
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 3.0
 130 64.6 53.1 79.7

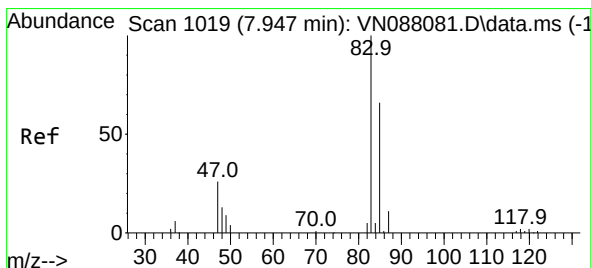
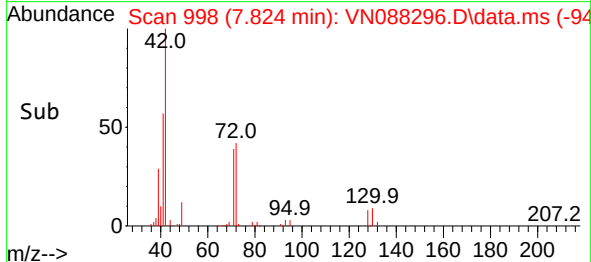
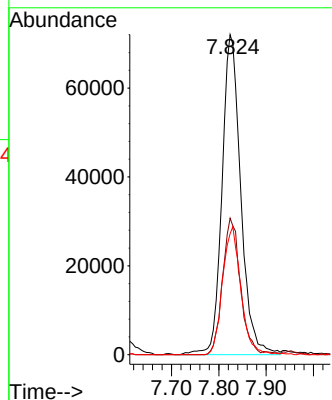
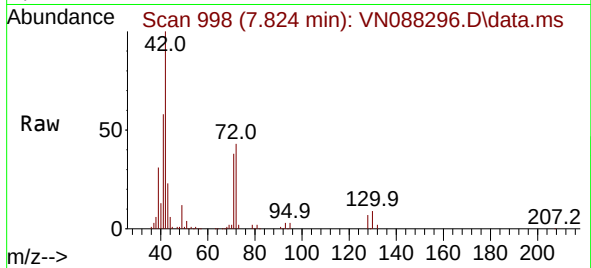




#29
Tetrahydrofuran
Concen: 113.524 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN088296.D
Acq: 17 Nov 2025 12:16

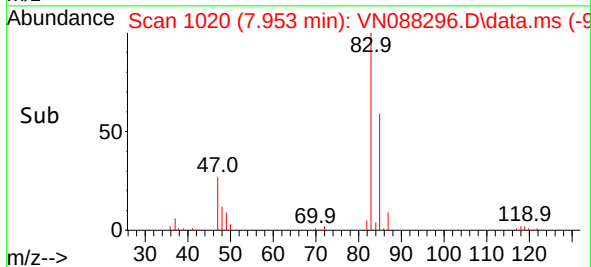
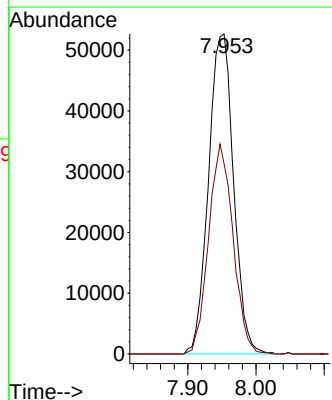
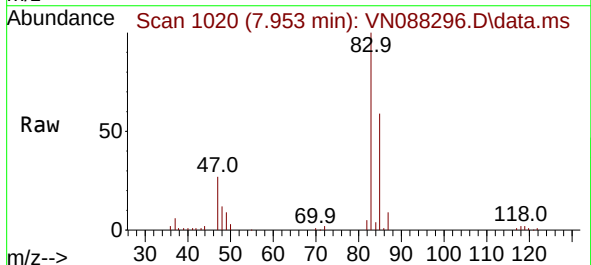
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01

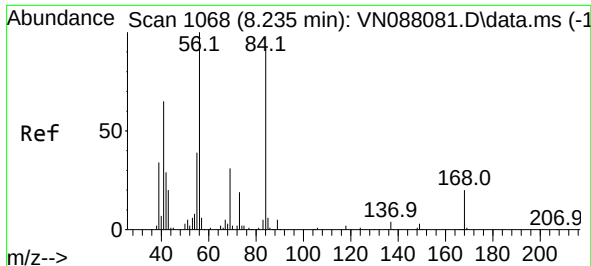
Tgt Ion: 42 Resp: 198332
Ion Ratio Lower Upper
42 100
72 40.2 33.7 50.5
71 38.9 31.9 47.9



#30
Chloroform
Concen: 22.478 ug/l
RT: 7.953 min Scan# 1020
Delta R.T. 0.006 min
Lab File: VN088296.D
Acq: 17 Nov 2025 12:16

Tgt Ion: 83 Resp: 134948
Ion Ratio Lower Upper
83 100
85 59.4 50.7 76.1

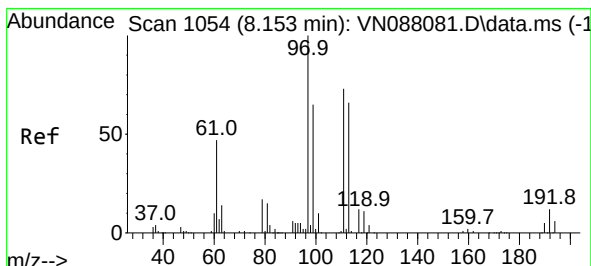
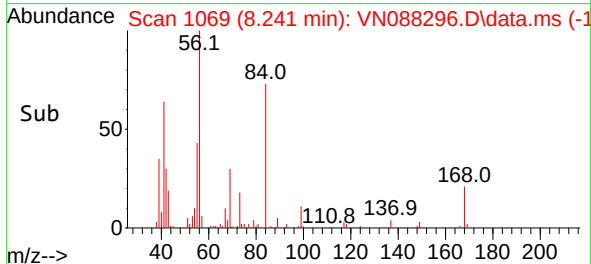
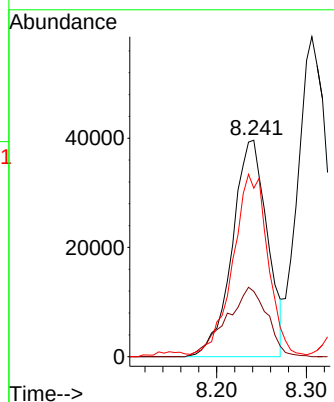
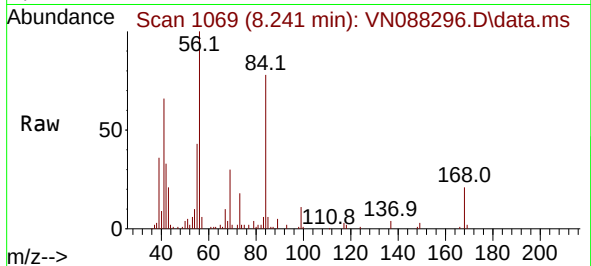




#31
Cyclohexane
Concen: 18.964 ug/l
RT: 8.241 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VN088296.D
Acq: 17 Nov 2025 12:16

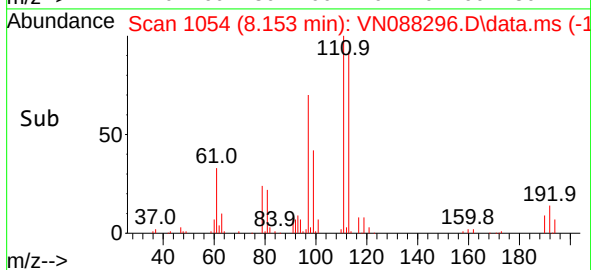
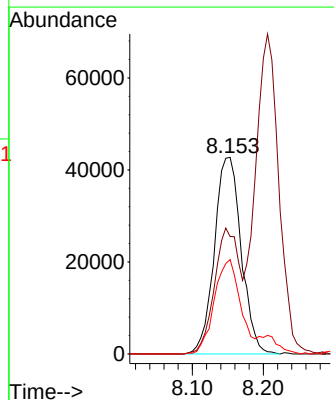
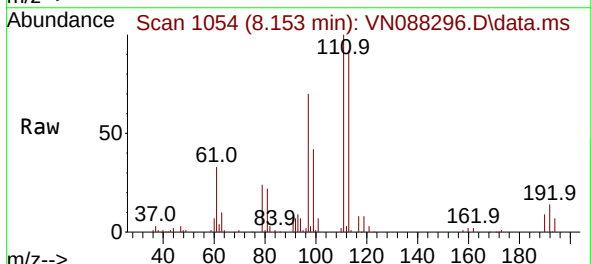
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01

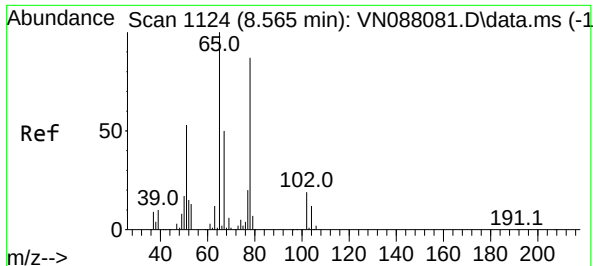
Tgt Ion: 56 Resp: 107484
Ion Ratio Lower Upper
56 100
69 30.1 23.7 35.5
84 75.7 64.7 97.1



#32
1,1,1-Trichloroethane
Concen: 20.962 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN088296.D
Acq: 17 Nov 2025 12:16

Tgt Ion: 97 Resp: 112087
Ion Ratio Lower Upper
97 100
99 59.3 52.2 78.2
61 46.9 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 53.502 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN088296.D

Acq: 17 Nov 2025 12:16

Instrument :

MSVOA_N

ClientSampleId :

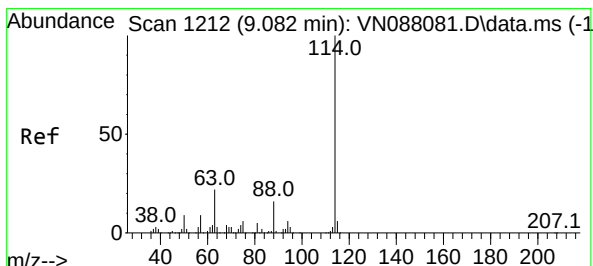
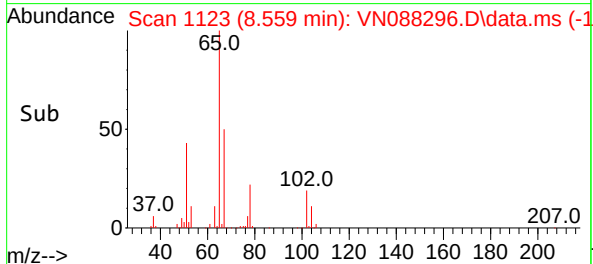
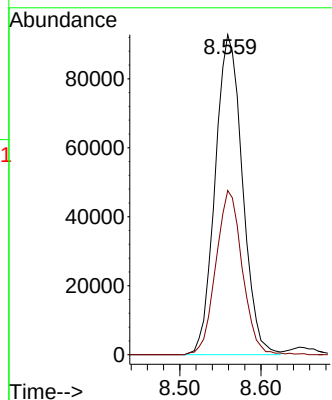
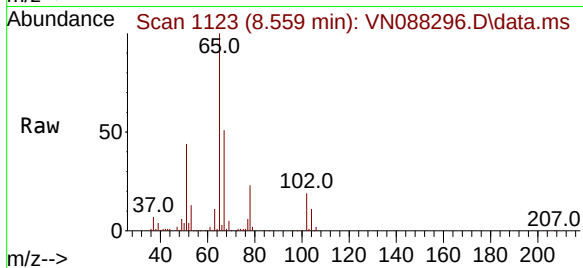
VN1117WBSD01

Tgt Ion: 65 Resp: 216632

Ion Ratio Lower Upper

65 100

67 49.7 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: VN088296.D

Acq: 17 Nov 2025 12:16

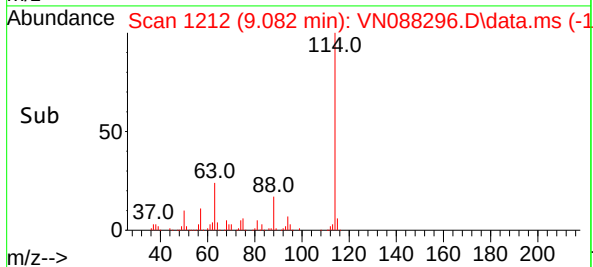
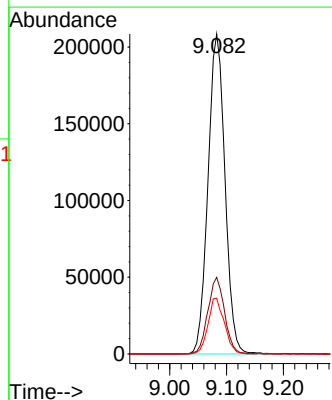
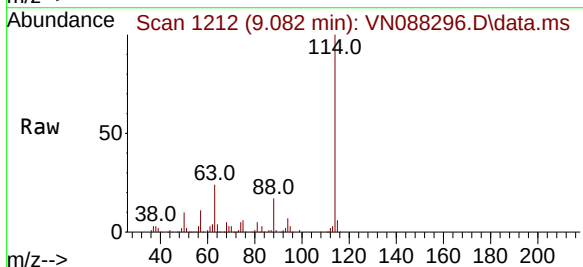
Tgt Ion: 114 Resp: 431101

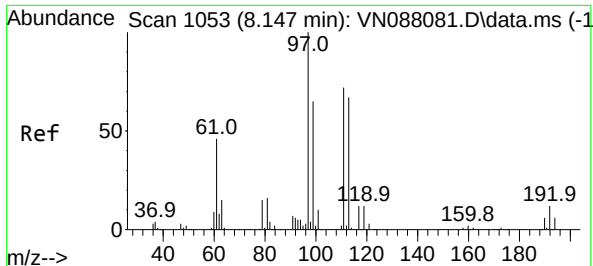
Ion Ratio Lower Upper

114 100

63 24.0 0.0 45.2

88 17.4 0.0 33.4

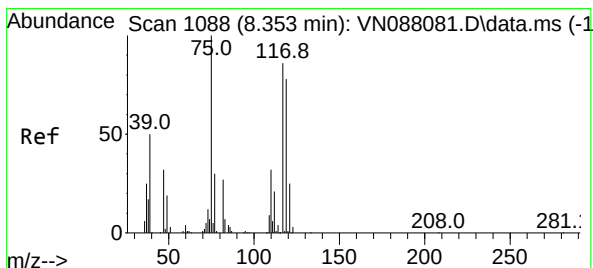
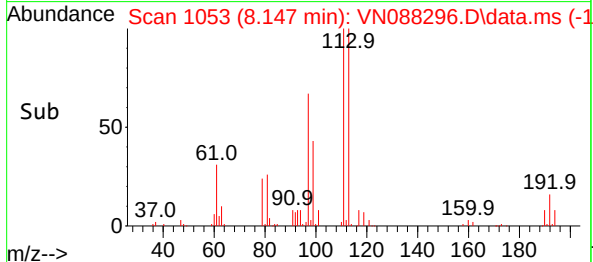
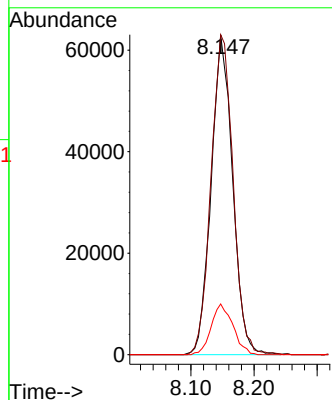
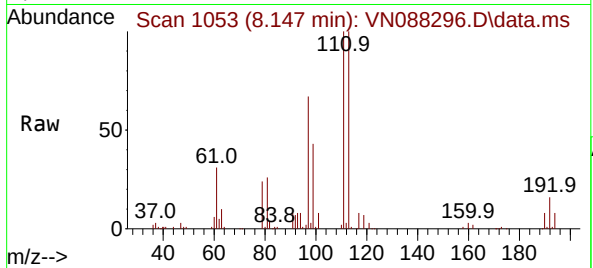




#35
Dibromofluoromethane
Concen: 51.171 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088296.D
Acq: 17 Nov 2025 12:16

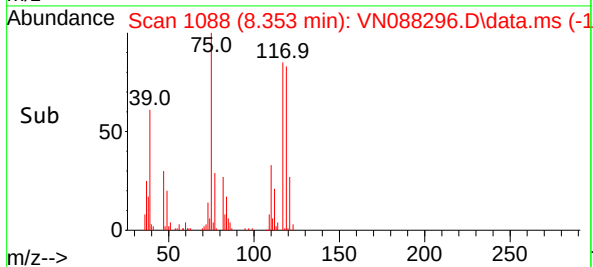
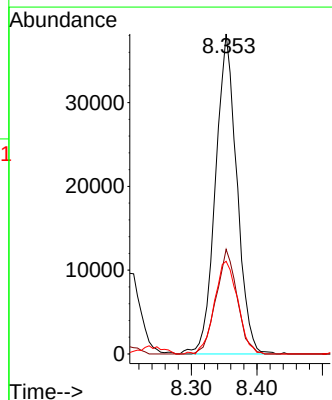
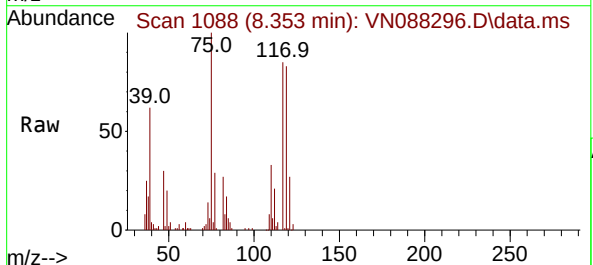
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01

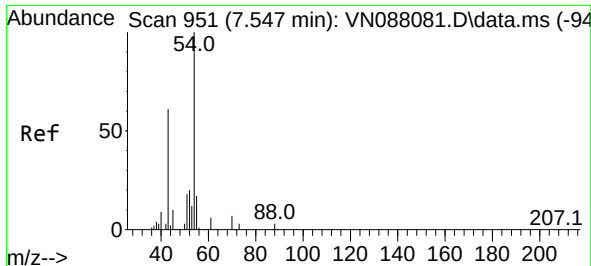
Tgt Ion:113 Resp: 148199
Ion Ratio Lower Upper
113 100
111 102.9 82.8 124.2
192 16.1 12.8 19.2



#36
1,1-Dichloropropene
Concen: 20.378 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VN088296.D
Acq: 17 Nov 2025 12:16

Tgt Ion: 75 Resp: 86174
Ion Ratio Lower Upper
75 100
110 32.3 15.9 47.6
77 31.8 24.4 36.6

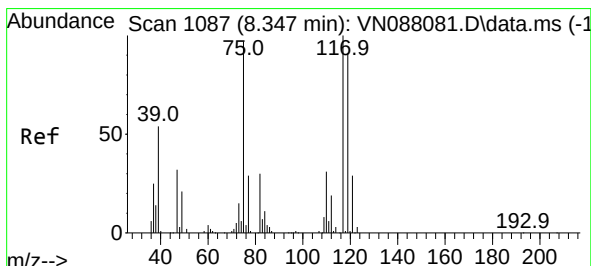
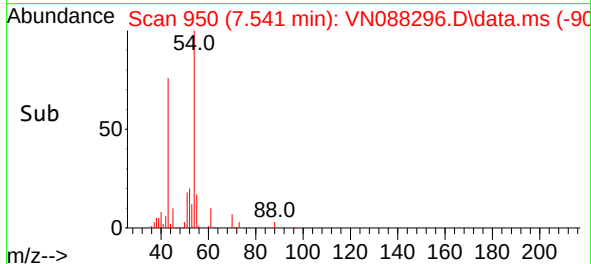
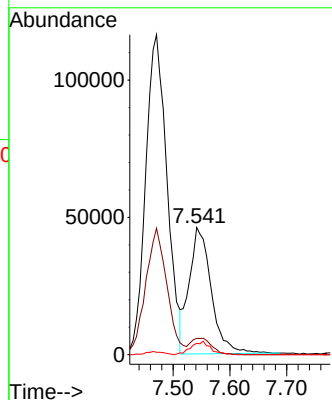
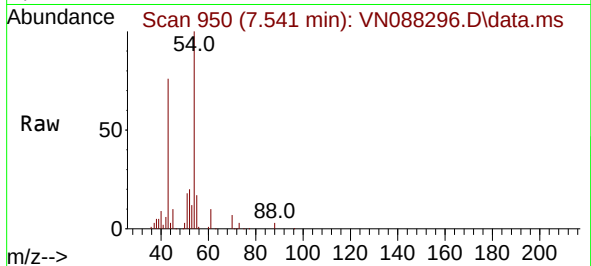




#37
Ethyl Acetate
Concen: 22.926 ug/l
RT: 7.541 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN088296.D
Acq: 17 Nov 2025 12:16

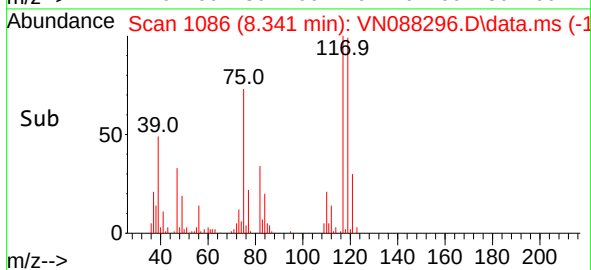
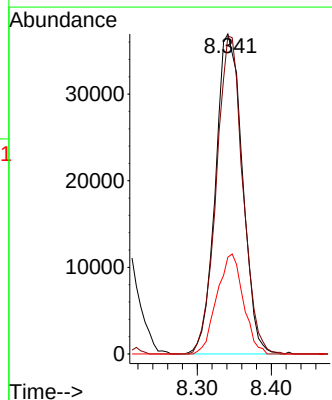
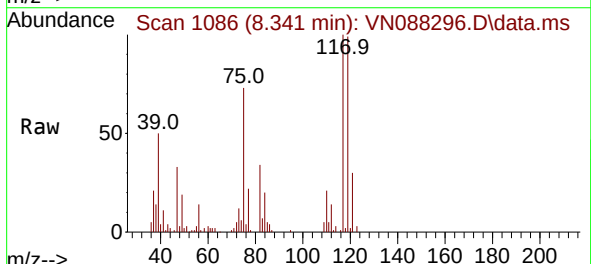
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01

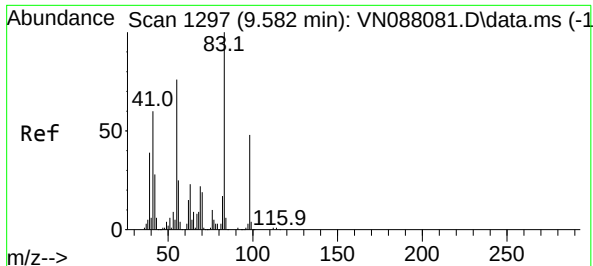
Tgt Ion: 43 Resp: 125107
Ion Ratio Lower Upper
43 100
61 12.2 9.3 13.9
70 9.3 7.0 10.6



#38
Carbon Tetrachloride
Concen: 21.361 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VN088296.D
Acq: 17 Nov 2025 12:16

Tgt Ion: 117 Resp: 93295
Ion Ratio Lower Upper
117 100
119 99.3 79.0 118.6
121 30.3 25.0 37.6





#39

Methylcyclohexane

Concen: 16.870 ug/l

RT: 9.582 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VN088296.D

Acq: 17 Nov 2025 12:16

Instrument :

MSVOA_N

ClientSampleId :

VN1117WBSD01

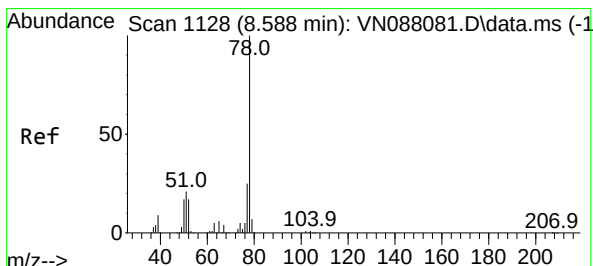
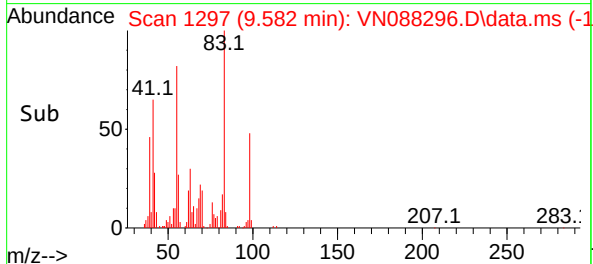
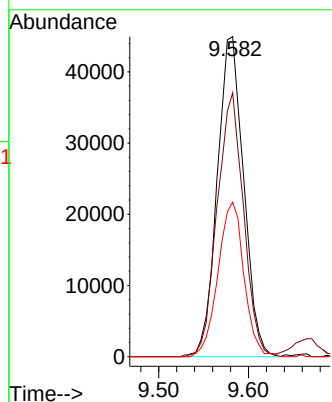
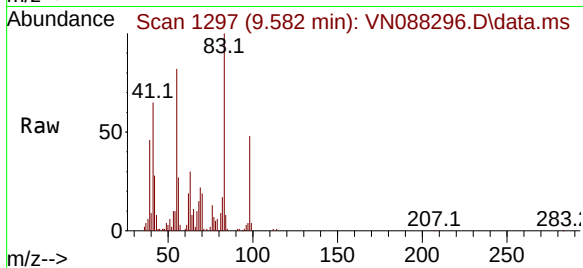
Tgt Ion: 83 Resp: 91697

Ion Ratio Lower Upper

83 100

55 82.4 64.6 96.8

98 48.3 38.4 57.6



#40

Benzene

Concen: 21.584 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN088296.D

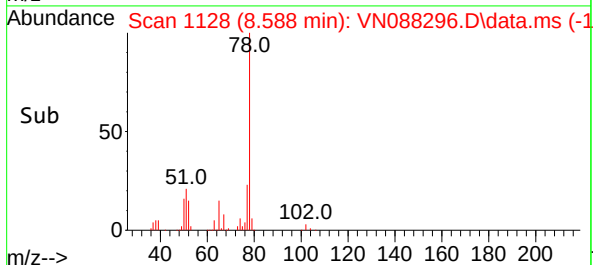
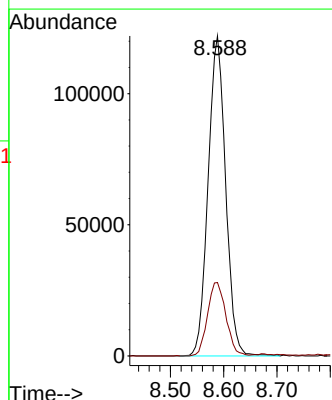
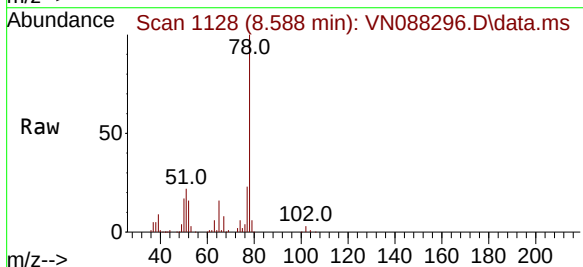
Acq: 17 Nov 2025 12:16

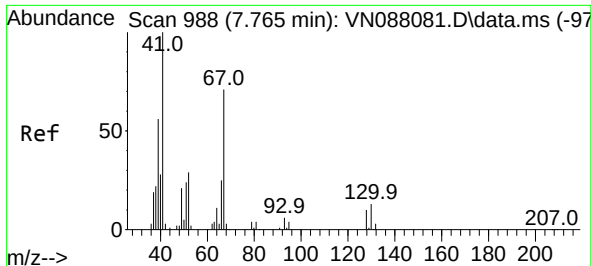
Tgt Ion: 78 Resp: 277969

Ion Ratio Lower Upper

78 100

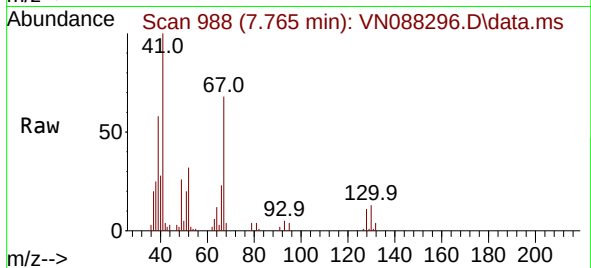
77 22.9 19.7 29.5



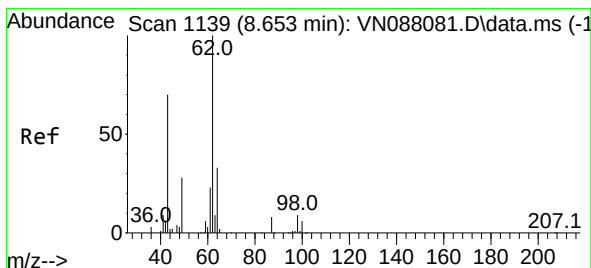
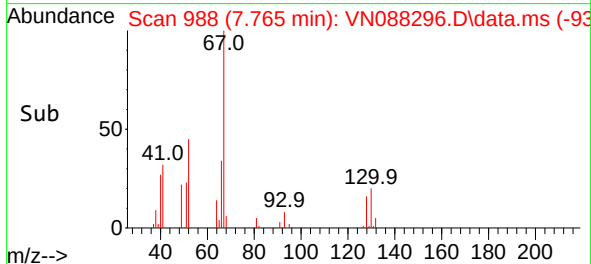
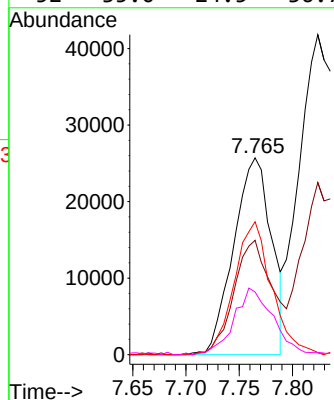


#41
Methacrylonitrile
Concen: 22.116 ug/l
RT: 7.765 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN088296.D
Acq: 17 Nov 2025 12:16

Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01

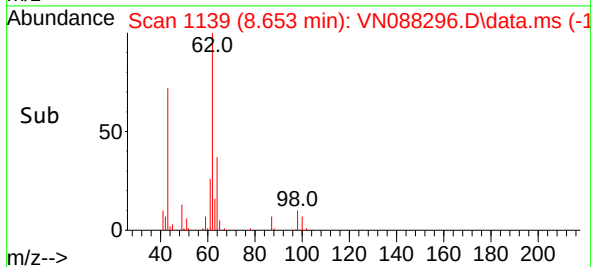
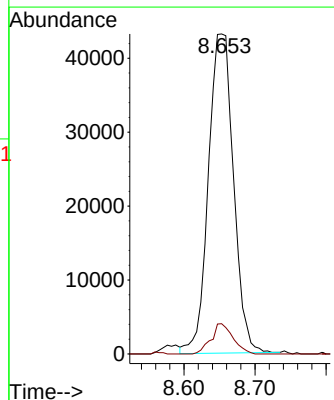
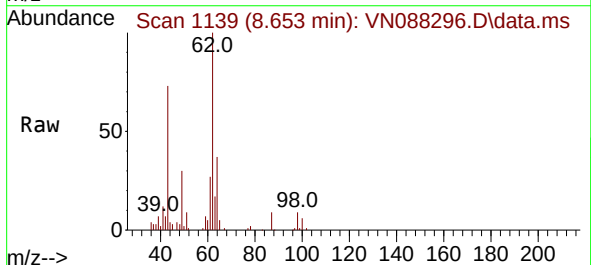


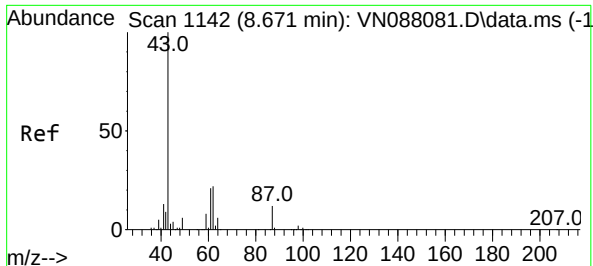
Tgt Ion:	41	Resp:	63521
Ion	Ratio	Lower	Upper
41	100		
39	60.2	45.4	68.0
67	66.7	55.3	82.9
52	35.0	24.5	36.7



#42
1,2-Dichloroethane
Concen: 23.183 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN088296.D
Acq: 17 Nov 2025 12:16

Tgt Ion:	62	Resp:	106083
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.4

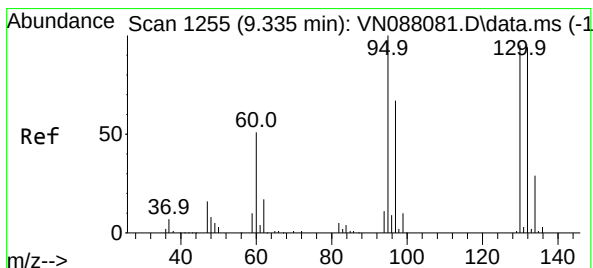
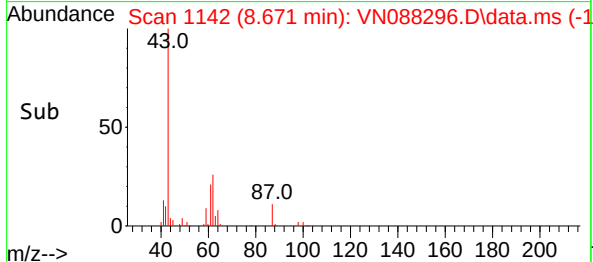
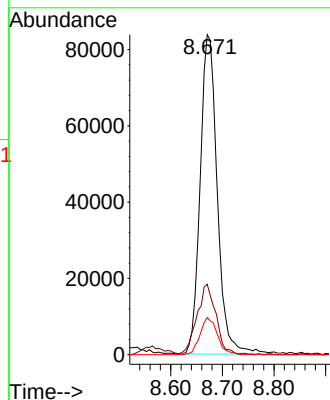
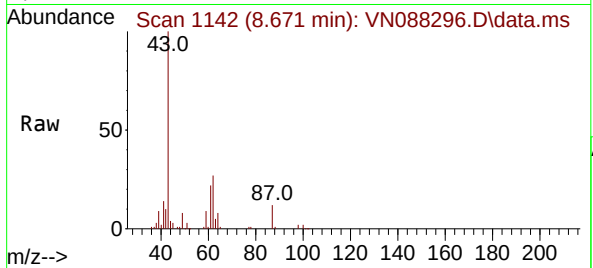




#43
Isopropyl Acetate
Concen: 22.992 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN088296.D
Acq: 17 Nov 2025 12:16

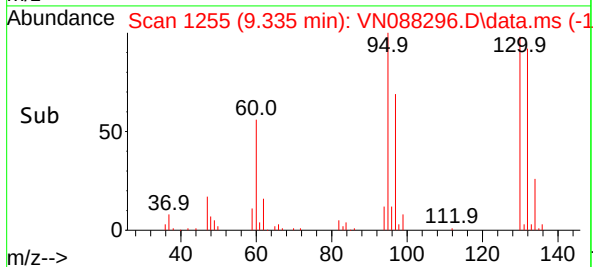
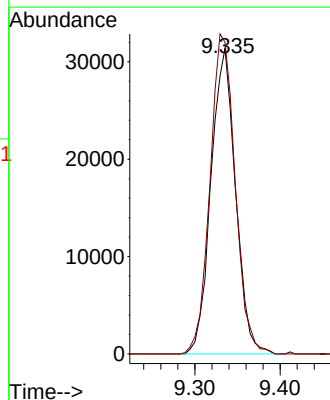
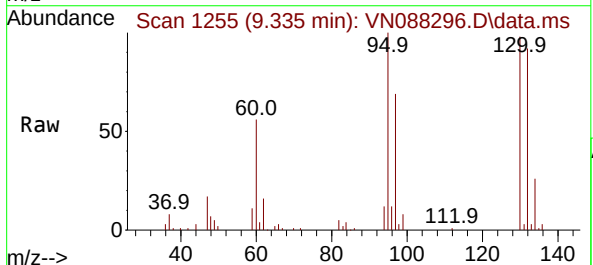
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01

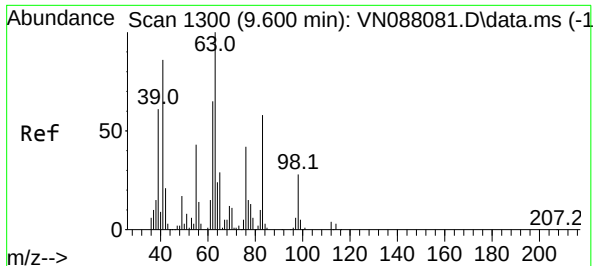
Tgt Ion: 43 Resp: 192802
Ion Ratio Lower Upper
43 100
61 24.6 18.8 28.2
87 11.7 9.6 14.4



#44
Trichloroethene
Concen: 20.865 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.006 min
Lab File: VN088296.D
Acq: 17 Nov 2025 12:16

Tgt Ion:130 Resp: 62808
Ion Ratio Lower Upper
130 100
95 102.0 0.0 212.0





#45

1,2-Dichloropropane

Concen: 22.564 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN088296.D

Acq: 17 Nov 2025 12:16

Instrument :

MSVOA_N

ClientSampleId :

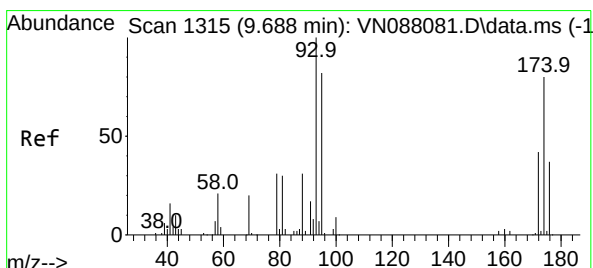
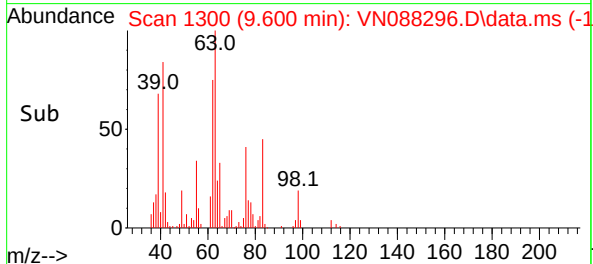
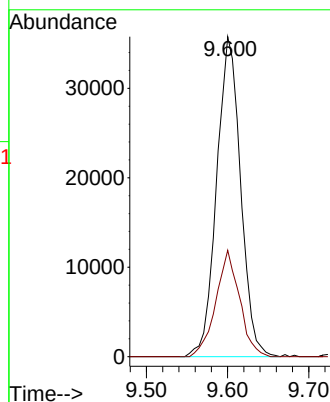
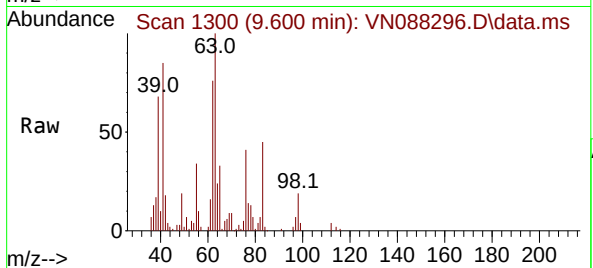
VN1117WBSD01

Tgt Ion: 63 Resp: 73361

Ion Ratio Lower Upper

63 100

65 33.3 25.0 37.4



#46

Dibromomethane

Concen: 23.173 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN088296.D

Acq: 17 Nov 2025 12:16

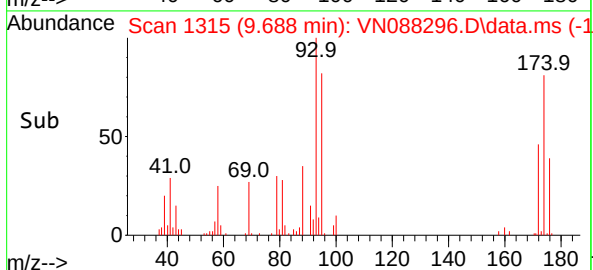
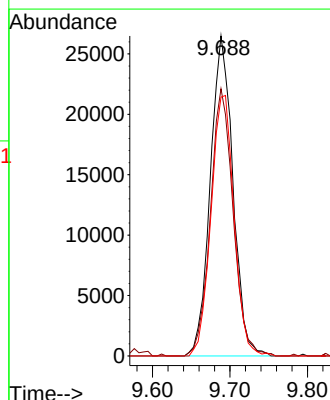
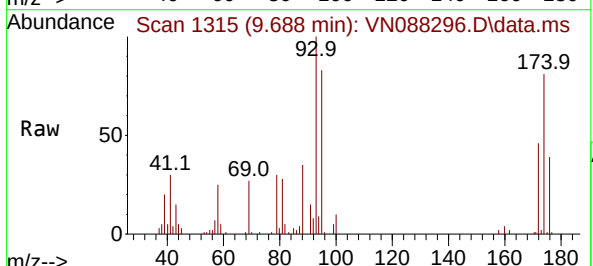
Tgt Ion: 93 Resp: 53734

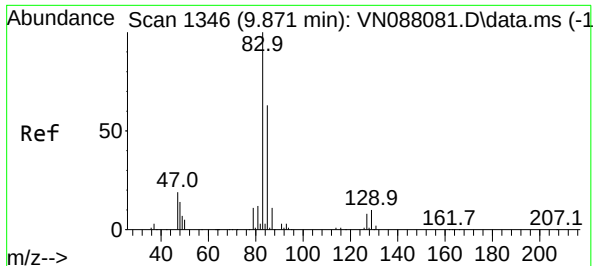
Ion Ratio Lower Upper

93 100

95 83.9 66.2 99.4

174 82.9 63.4 95.2





#47

Bromodichloromethane

Concen: 23.254 ug/l

RT: 9.865 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN088296.D

Acq: 17 Nov 2025 12:16

Instrument :

MSVOA_N

ClientSampleId :

VN1117WBSD01

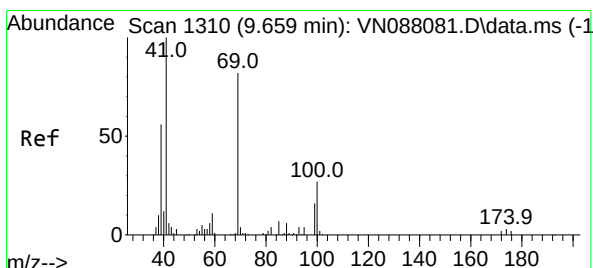
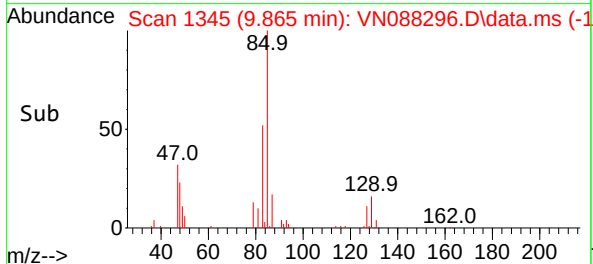
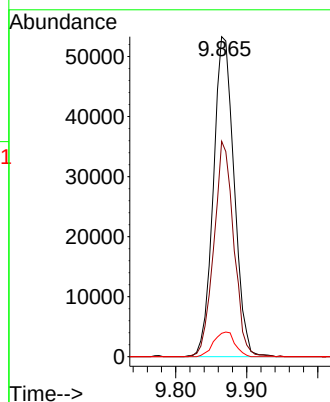
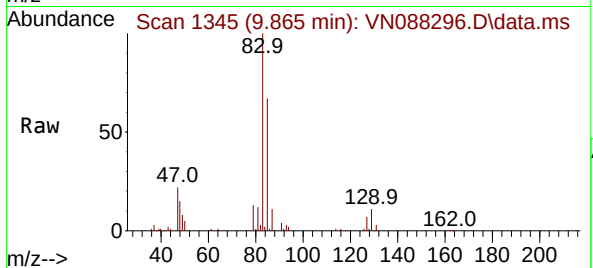
Tgt Ion: 83 Resp: 107956

Ion Ratio Lower Upper

83 100

85 67.3 52.5 78.7

127 7.3 5.8 8.6



#48

Methyl methacrylate

Concen: 22.918 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VN088296.D

Acq: 17 Nov 2025 12:16

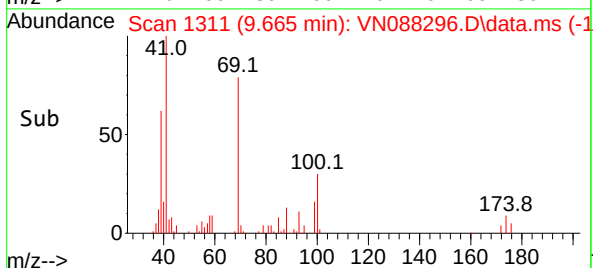
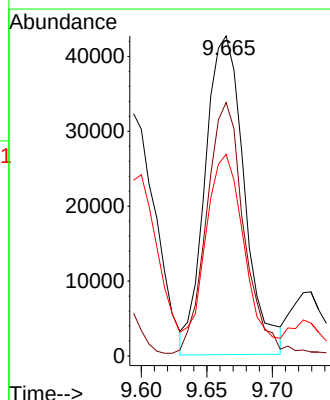
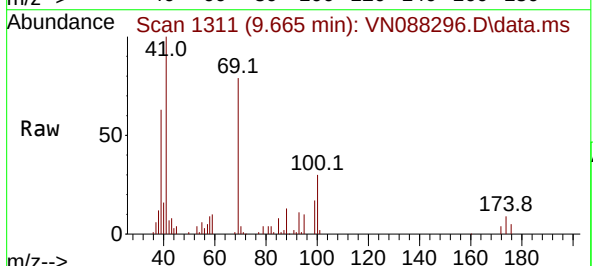
Tgt Ion: 41 Resp: 88727

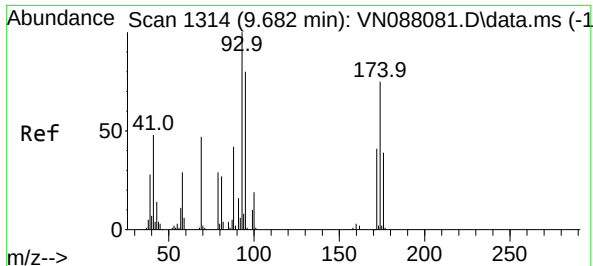
Ion Ratio Lower Upper

41 100

69 78.2 62.7 94.1

39 63.4 52.9 79.3





#49

1,4-Dioxane

Concen: 517.193 ug/l

RT: 9.676 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN088296.D

Acq: 17 Nov 2025 12:16

Instrument :

MSVOA_N

ClientSampleId :

VN1117WBSD01

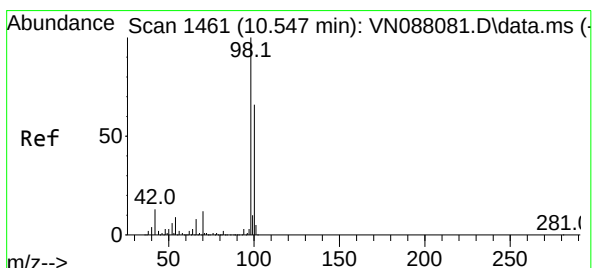
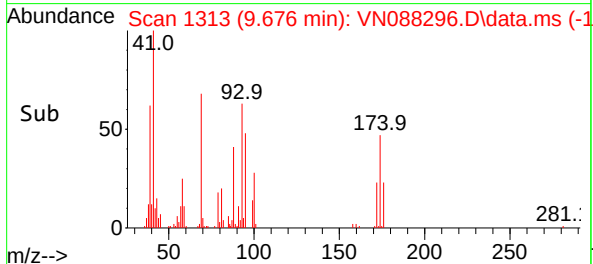
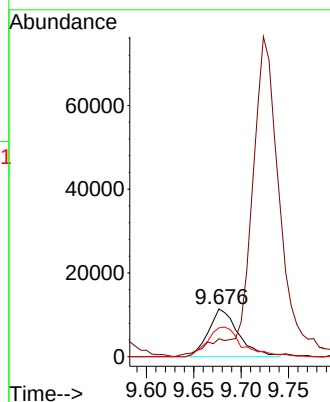
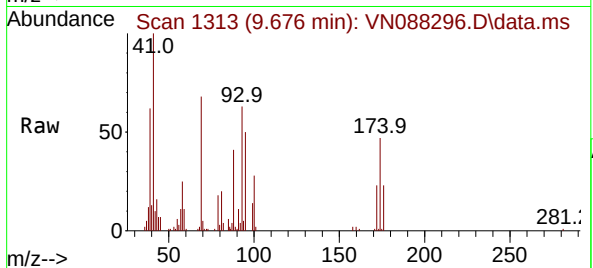
Tgt Ion: 88 Resp: 24903

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 72.3 57.9 86.9



#50

Toluene-d8

Concen: 47.942 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN088296.D

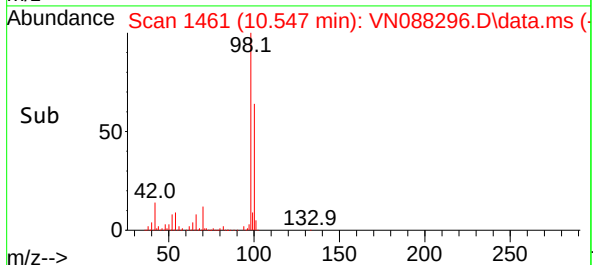
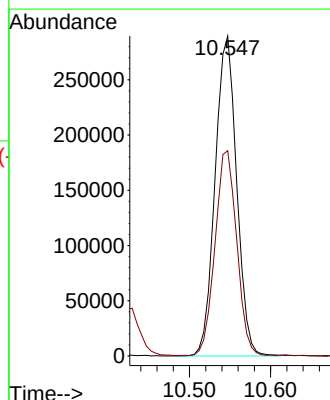
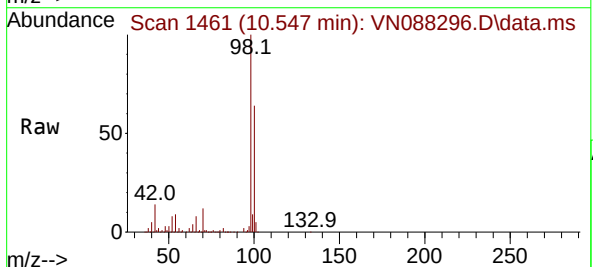
Acq: 17 Nov 2025 12:16

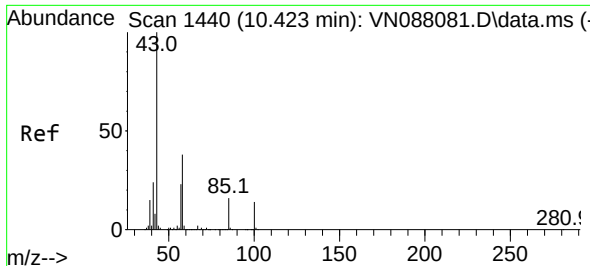
Tgt Ion: 98 Resp: 534999

Ion Ratio Lower Upper

98 100

100 64.6 52.8 79.2





#51

4-Methyl-2-Pentanone

Concen: 122.287 ug/l

RT: 10.424 min Scan# 1440

Delta R.T. -0.000 min

Lab File: VN088296.D

Acq: 17 Nov 2025 12:16

Instrument :

MSVOA_N

ClientSampleId :

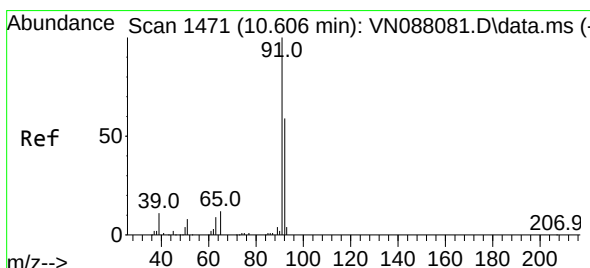
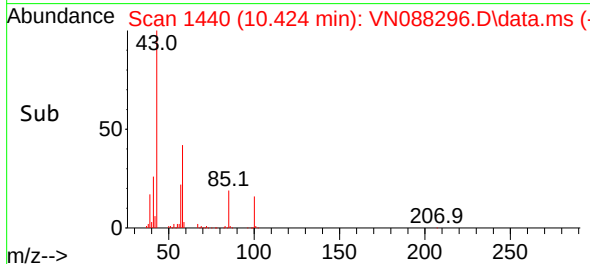
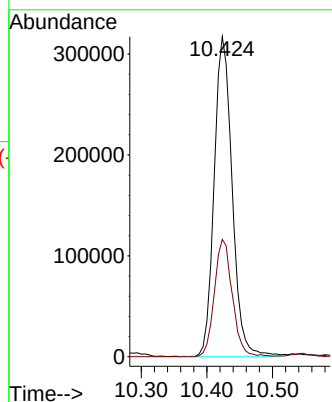
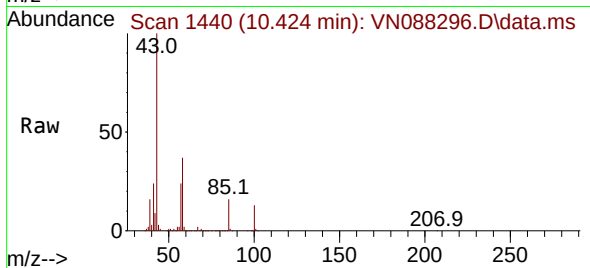
VN1117WBSD01

Tgt Ion: 43 Resp: 606634

Ion Ratio Lower Upper

43 100

58 36.4 29.6 44.4



#52

Toluene

Concen: 21.001 ug/l

RT: 10.606 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VN088296.D

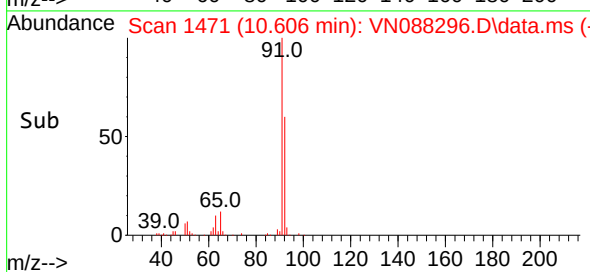
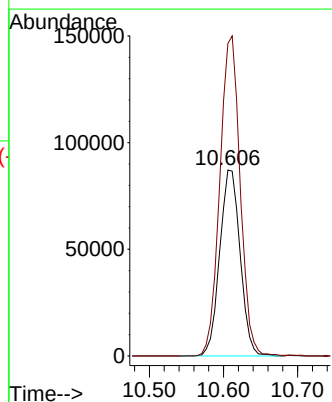
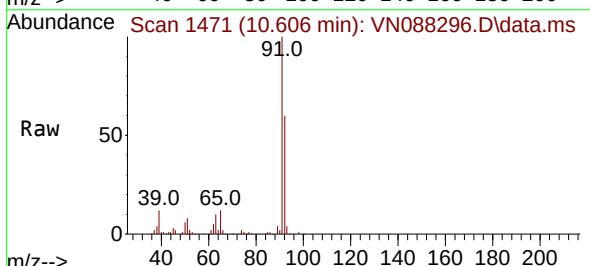
Acq: 17 Nov 2025 12:16

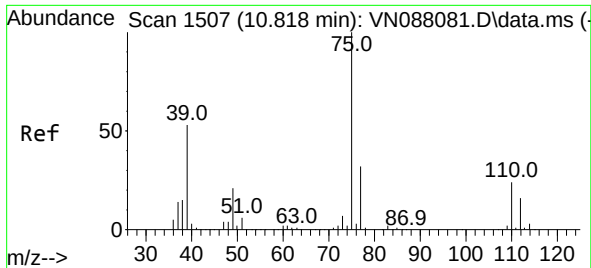
Tgt Ion: 92 Resp: 166752

Ion Ratio Lower Upper

92 100

91 171.4 140.4 210.6

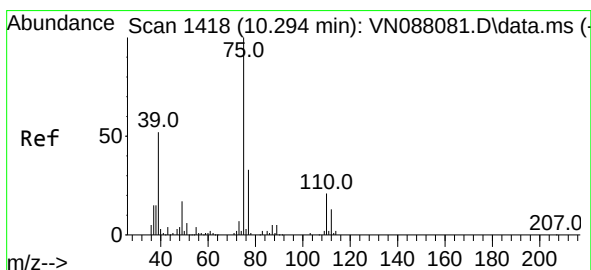
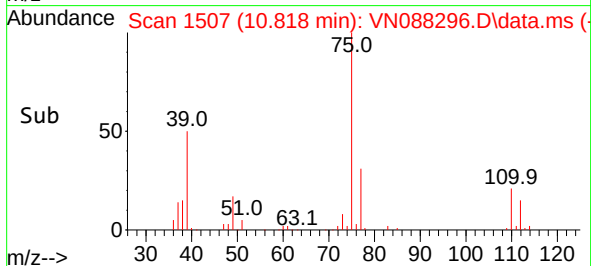
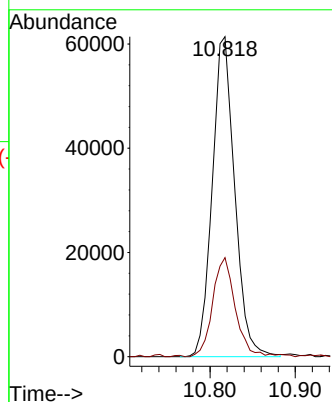
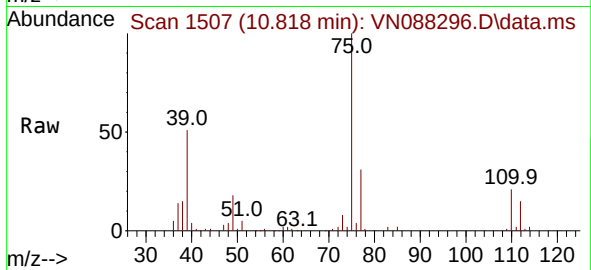




#53
 t-1,3-Dichloropropene
 Concen: 22.738 ug/l
 RT: 10.818 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN088296.D
 Acq: 17 Nov 2025 12:16

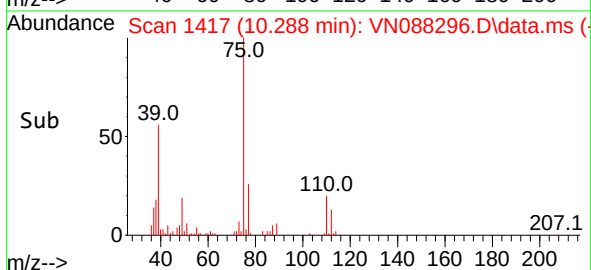
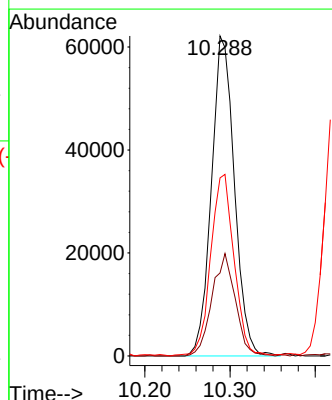
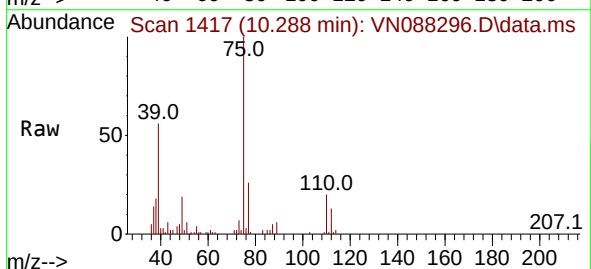
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117WBSD01

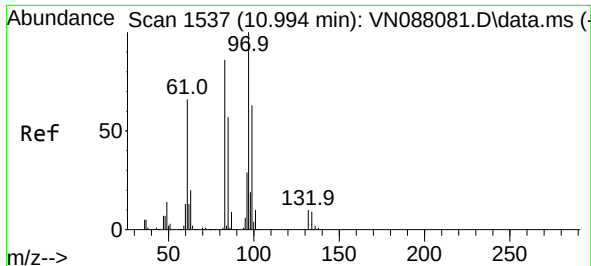
Tgt Ion: 75 Resp: 112352
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 22.245 ug/l
 RT: 10.288 min Scan# 1417
 Delta R.T. -0.000 min
 Lab File: VN088296.D
 Acq: 17 Nov 2025 12:16

Tgt Ion: 75 Resp: 116635
 Ion Ratio Lower Upper
 75 100
 77 26.0 24.6 37.0
 39 55.3 45.2 67.8

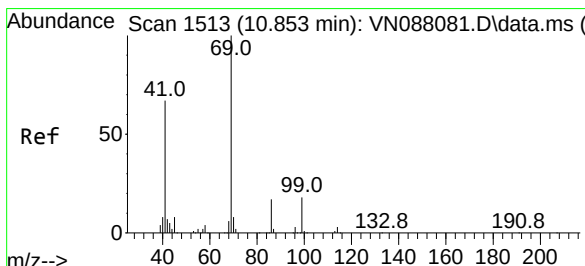
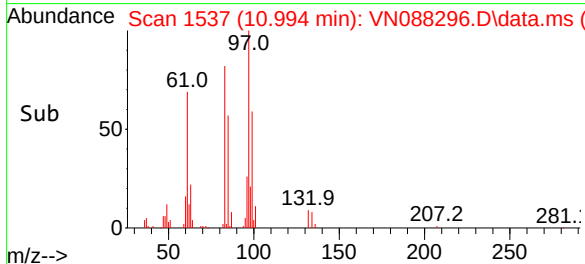
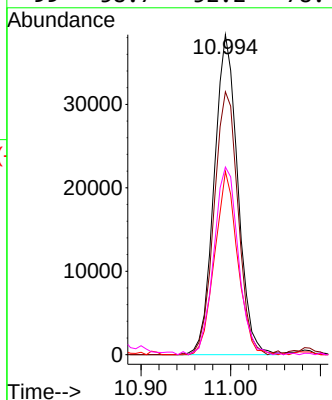
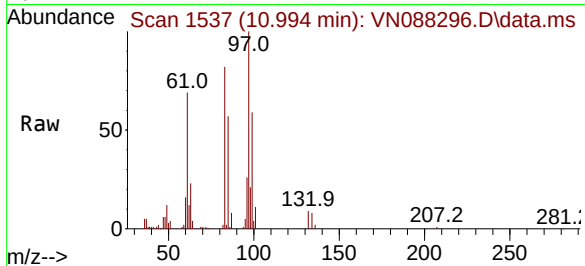




#55
1,1,2-Trichloroethane
Concen: 23.264 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VN088296.D
Acq: 17 Nov 2025 12:16

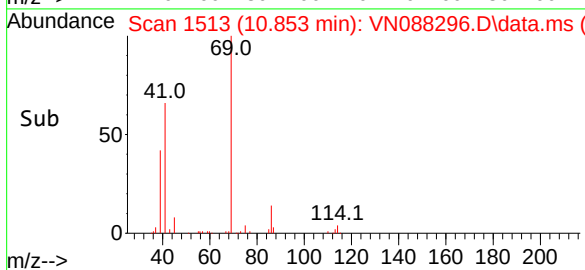
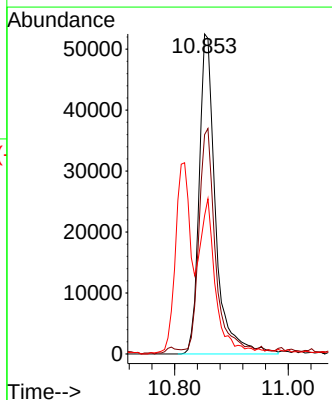
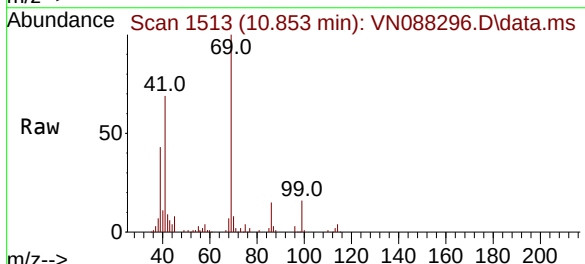
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01

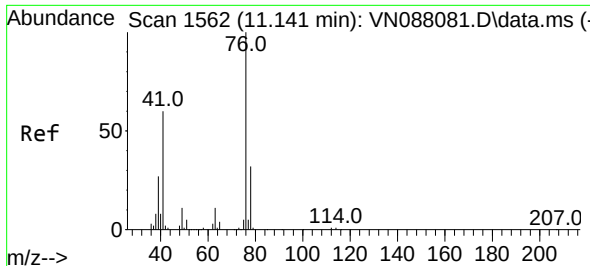
Tgt Ion:	97	Resp:	70079
Ion	Ratio	Lower	Upper
97	100		
83	82.2	68.2	102.4
85	57.3	45.5	68.3
99	58.7	52.2	78.4



#56
Ethyl methacrylate
Concen: 22.046 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN088296.D
Acq: 17 Nov 2025 12:16

Tgt Ion:	69	Resp:	105098
Ion	Ratio	Lower	Upper
69	100		
41	70.2	56.5	84.7
39	45.8	34.2	51.4

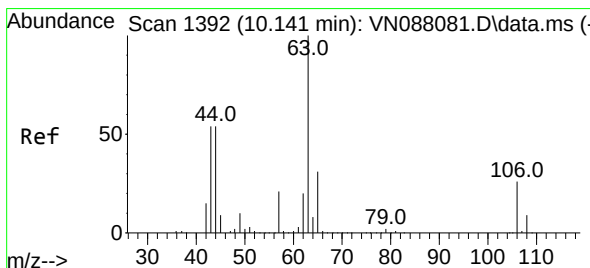
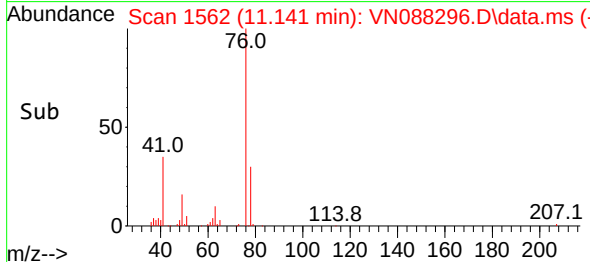
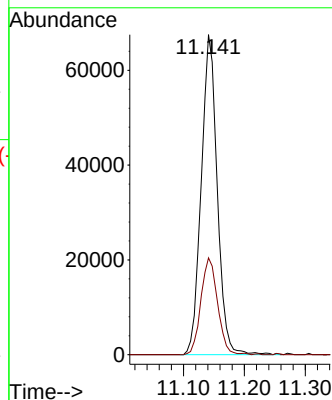
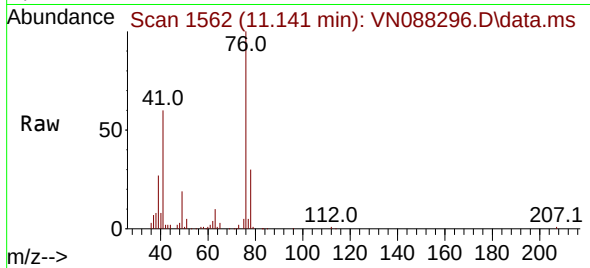




#57
1,3-Dichloropropane
Concen: 23.286 ug/l
RT: 11.141 min Scan# 1114
Delta R.T. -0.000 min
Lab File: VN088296.D
Acq: 17 Nov 2025 12:16

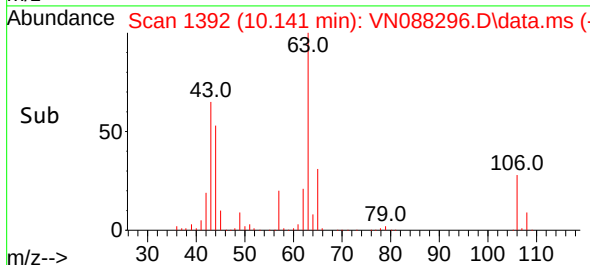
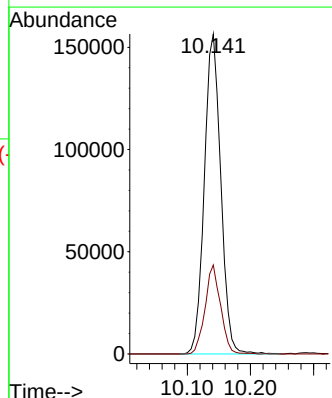
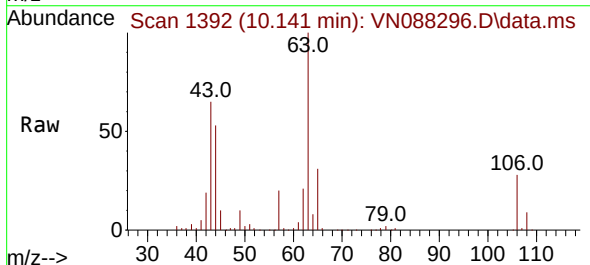
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01

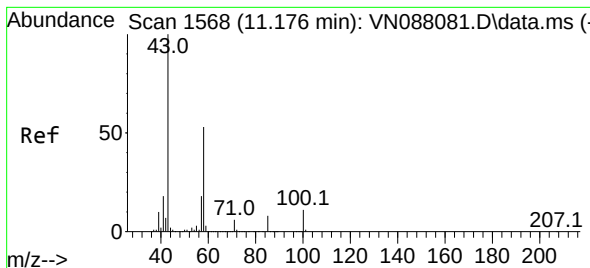
Tgt Ion: 76 Resp: 123295
Ion Ratio Lower Upper
76 100
78 31.4 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 114.213 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN088296.D
Acq: 17 Nov 2025 12:16

Tgt Ion: 63 Resp: 283209
Ion Ratio Lower Upper
63 100
106 26.2 21.1 31.7

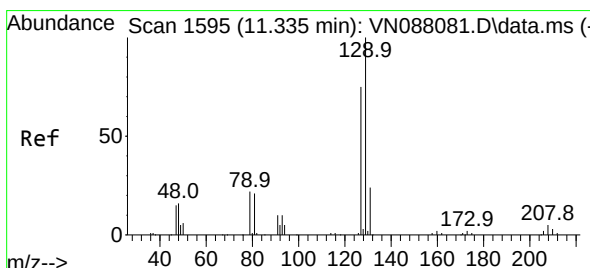
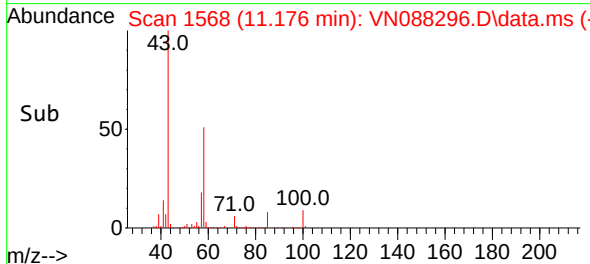
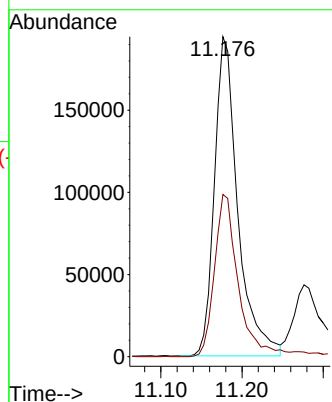
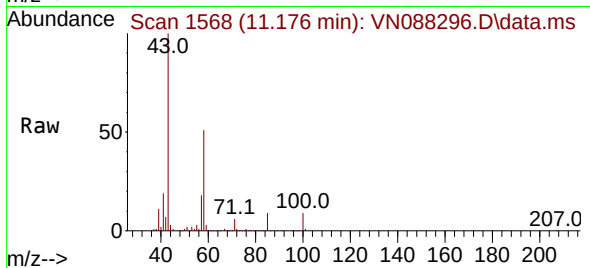




#59
2-Hexanone
Concen: 117.965 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN088296.D
Acq: 17 Nov 2025 12:16

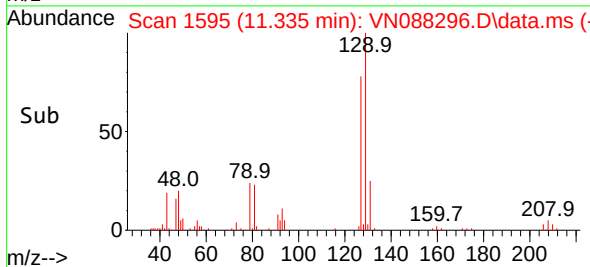
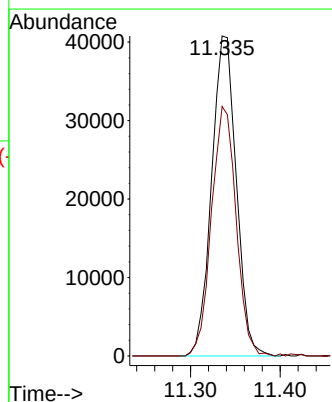
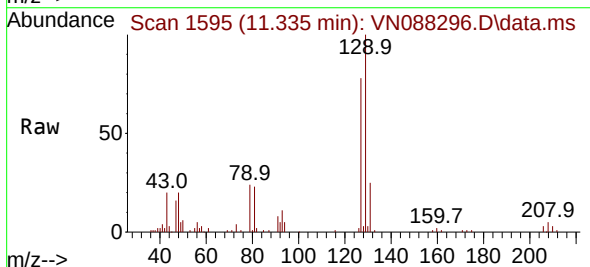
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01

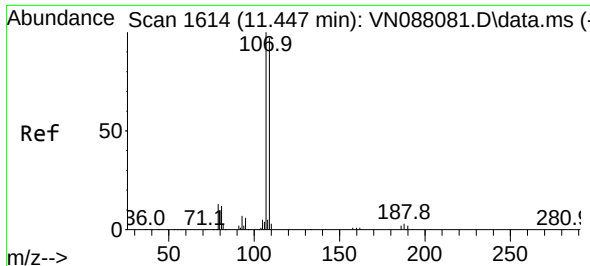
Tgt Ion: 43 Resp: 388202
Ion Ratio Lower Upper
43 100
58 51.6 25.9 77.8



#60
Dibromochloromethane
Concen: 22.740 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN088296.D
Acq: 17 Nov 2025 12:16

Tgt Ion: 129 Resp: 77858
Ion Ratio Lower Upper
129 100
127 77.8 39.1 117.3

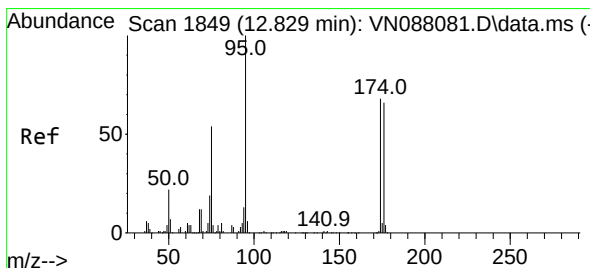
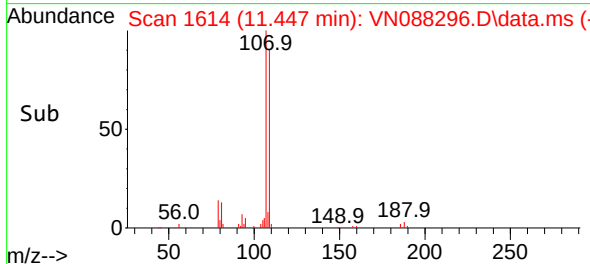
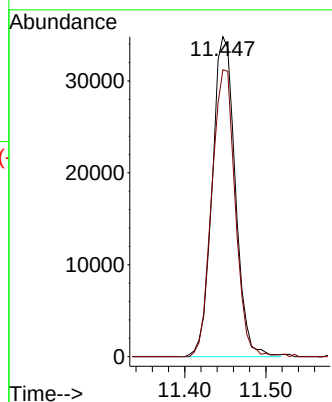
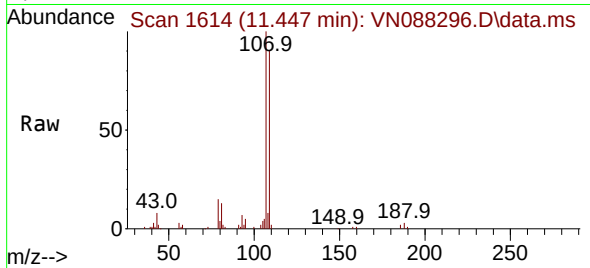




#61
1,2-Dibromoethane
Concen: 22.169 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN088296.D
Acq: 17 Nov 2025 12:16

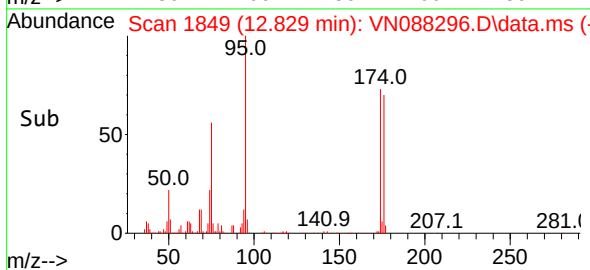
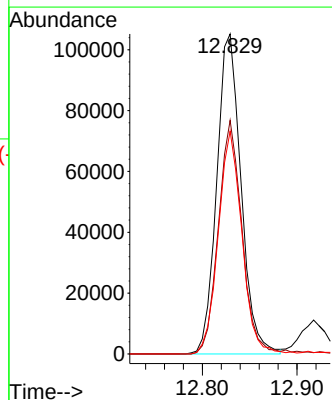
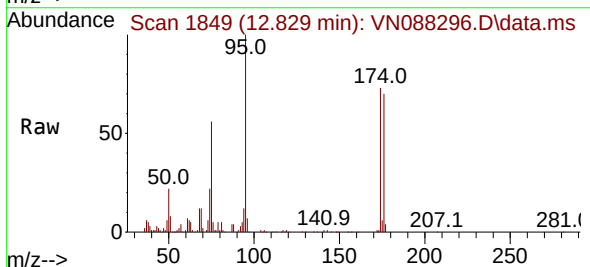
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01

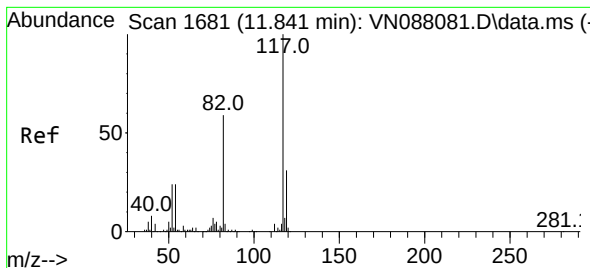
Tgt Ion:107 Resp: 68729
Ion Ratio Lower Upper
107 100
109 91.4 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 47.630 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088296.D
Acq: 17 Nov 2025 12:16

Tgt Ion: 95 Resp: 187715
Ion Ratio Lower Upper
95 100
174 71.3 0.0 138.4
176 67.7 0.0 132.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.841 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN088296.D

Acq: 17 Nov 2025 12:16

Instrument :

MSVOA_N

ClientSampleId :

VN1117WBSD01

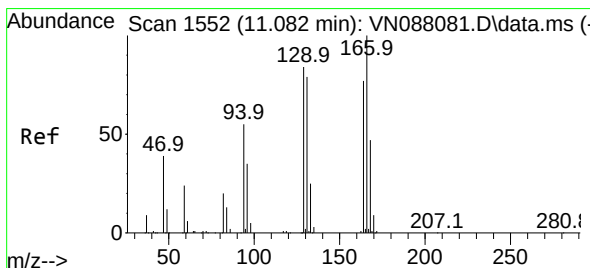
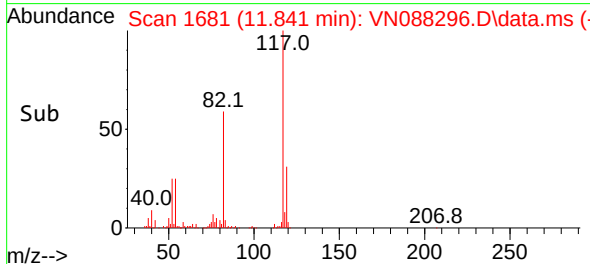
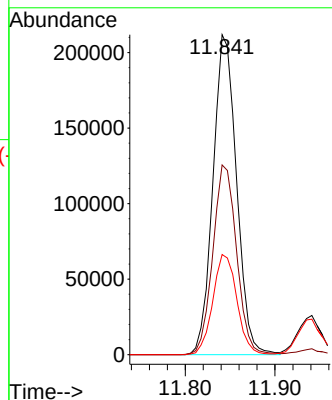
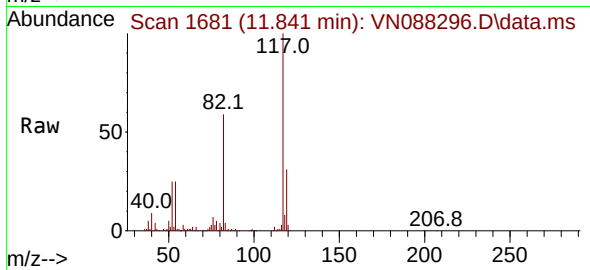
Tgt Ion:117 Resp: 386674

Ion Ratio Lower Upper

117 100

82 59.3 47.4 71.2

119 31.3 24.3 36.5



#64

Tetrachloroethene

Concen: 20.494 ug/l

RT: 11.082 min Scan# 1552

Delta R.T. -0.000 min

Lab File: VN088296.D

Acq: 17 Nov 2025 12:16

Tgt Ion:164 Resp: 52272

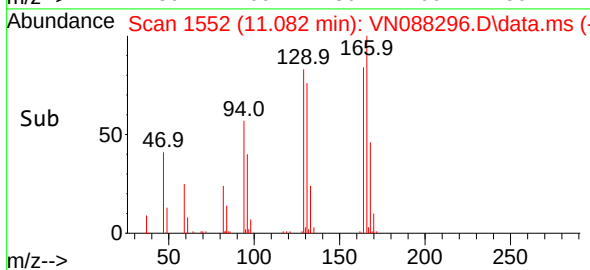
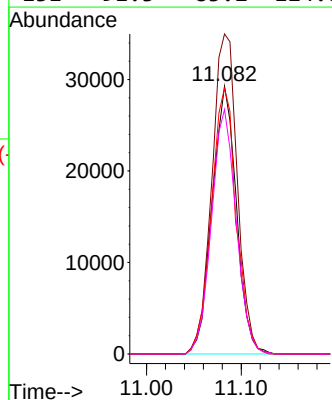
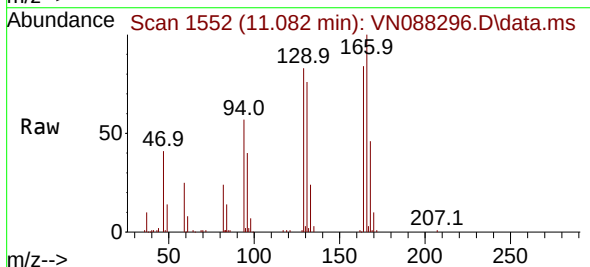
Ion Ratio Lower Upper

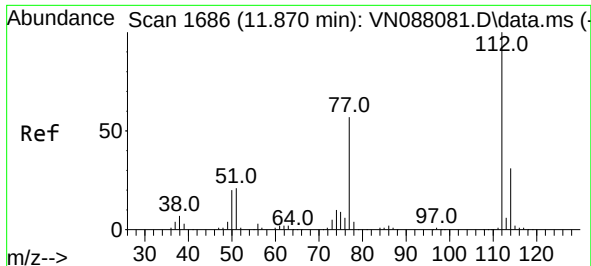
164 100

166 119.5 97.7 146.5

129 99.2 85.9 128.9

131 91.3 83.2 124.8

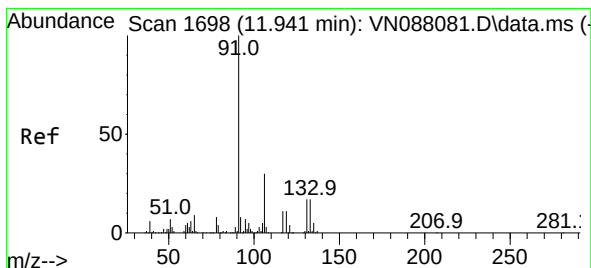
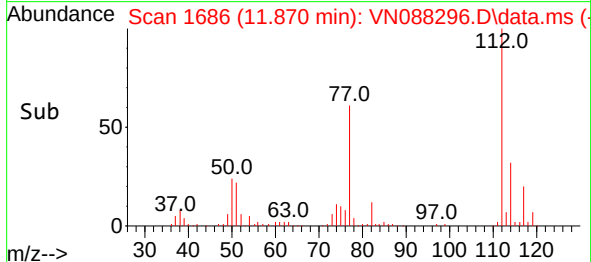
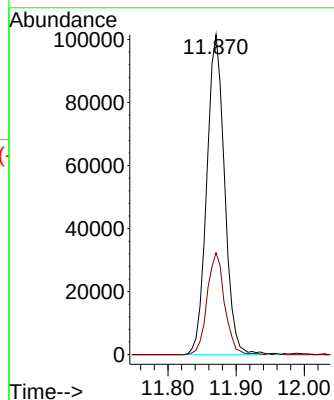
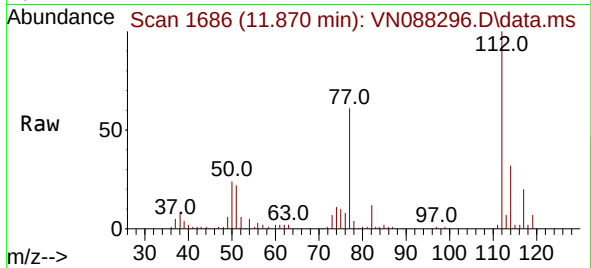




#65
Chlorobenzene
Concen: 21.049 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN088296.D
Acq: 17 Nov 2025 12:16

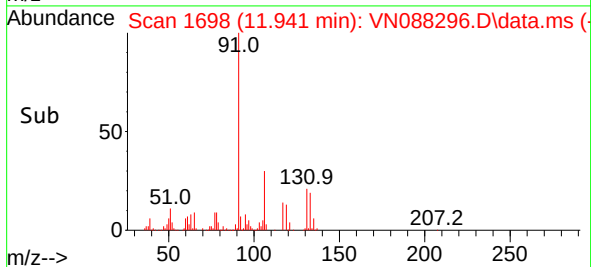
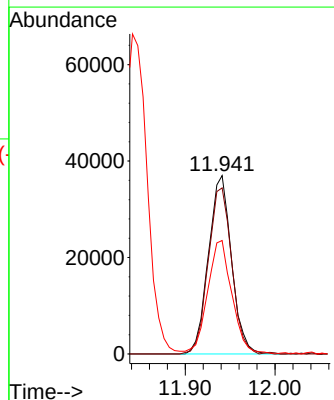
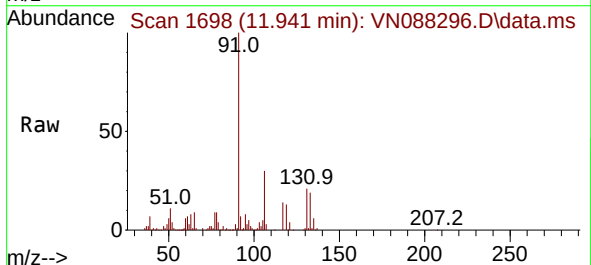
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01

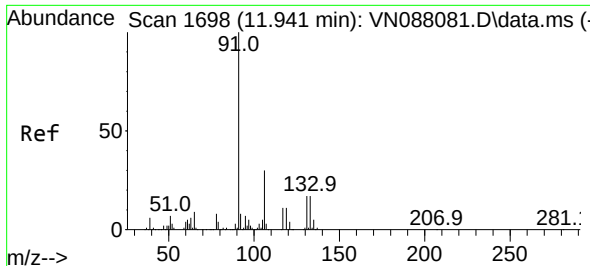
Tgt Ion:112 Resp: 184815
Ion Ratio Lower Upper
112 100
114 31.9 24.3 36.5



#66
1,1,1,2-Tetrachloroethane
Concen: 22.913 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088296.D
Acq: 17 Nov 2025 12:16

Tgt Ion:131 Resp: 65911
Ion Ratio Lower Upper
131 100
133 94.8 48.0 144.0
119 67.2 32.6 97.7

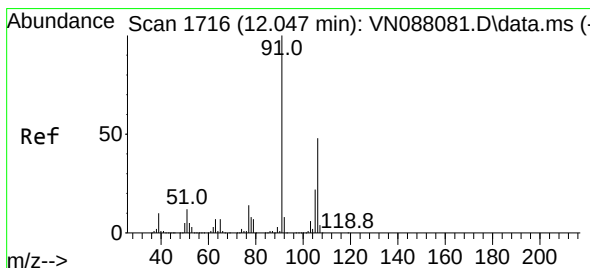
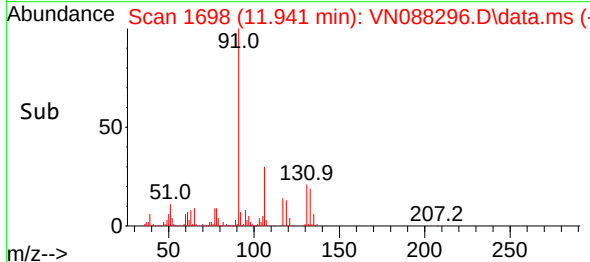
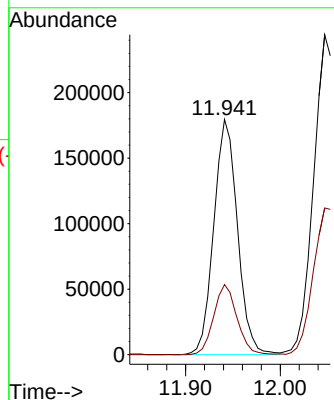
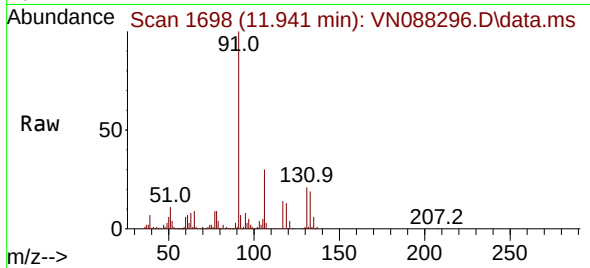




#67
Ethyl Benzene
Concen: 20.281 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088296.D
Acq: 17 Nov 2025 12:16

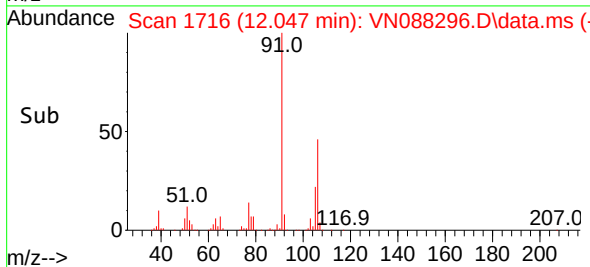
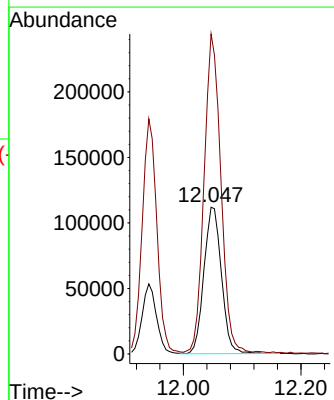
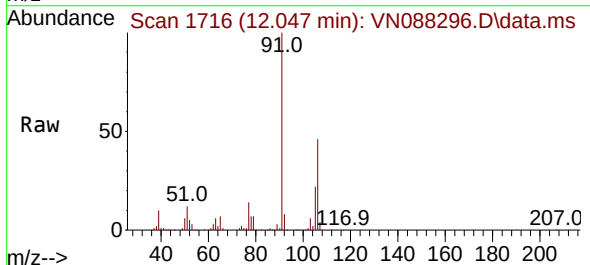
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01

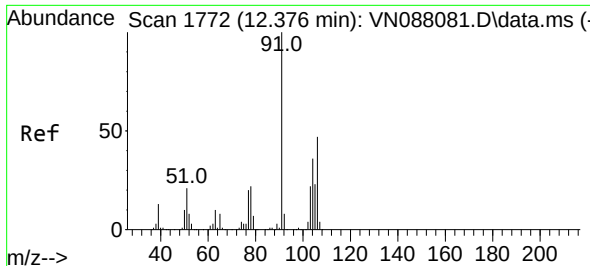
Tgt Ion: 91 Resp: 312566
Ion Ratio Lower Upper
91 100
106 29.8 24.1 36.1



#68
m/p-Xylenes
Concen: 39.991 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN088296.D
Acq: 17 Nov 2025 12:16

Tgt Ion:106 Resp: 230933
Ion Ratio Lower Upper
106 100
91 207.2 169.3 253.9

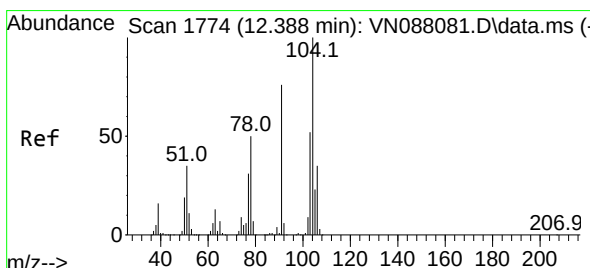
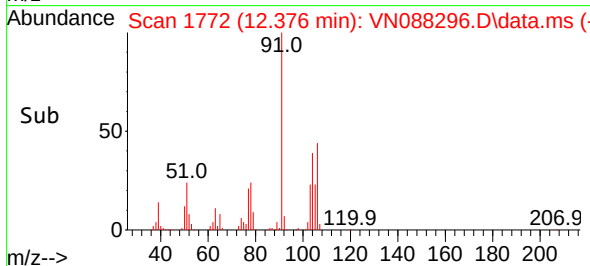
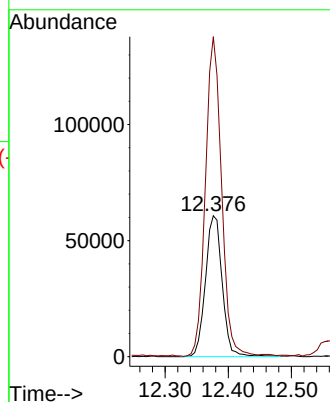
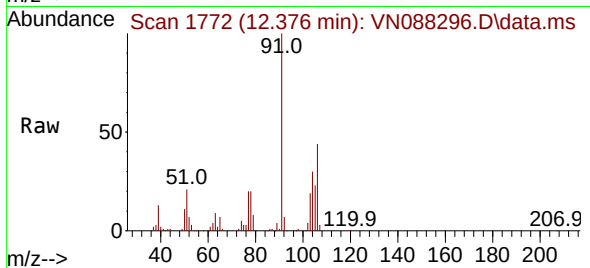




#69
o-Xylene
Concen: 20.478 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN088296.D
Acq: 17 Nov 2025 12:16

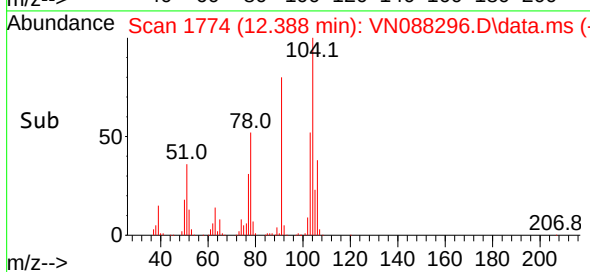
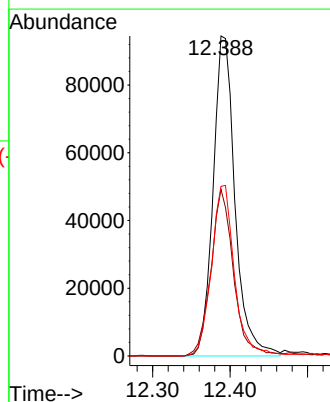
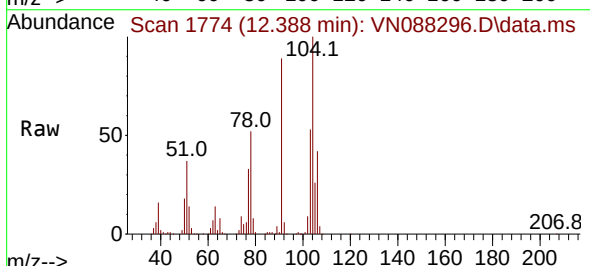
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01

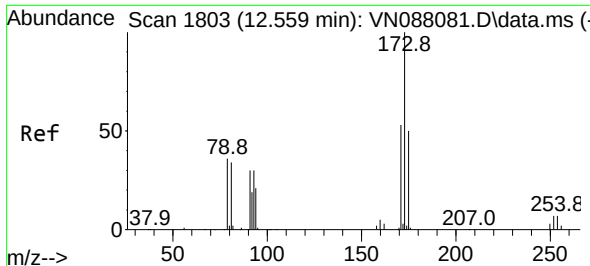
Tgt Ion:106 Resp: 112098
Ion Ratio Lower Upper
106 100
91 217.7 111.4 334.2



#70
Styrene
Concen: 20.771 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN088296.D
Acq: 17 Nov 2025 12:16

Tgt Ion:104 Resp: 185415
Ion Ratio Lower Upper
104 100
78 53.9 42.2 63.2
103 56.3 43.4 65.2

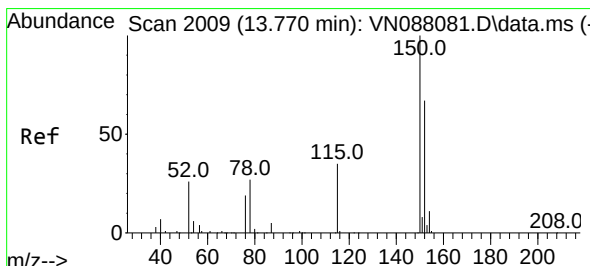
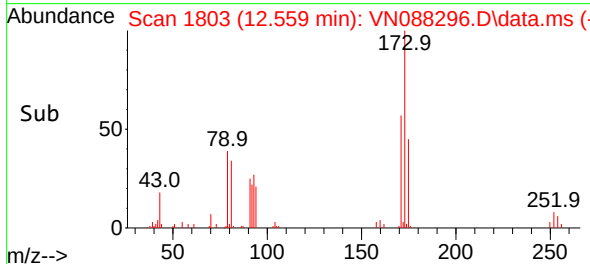
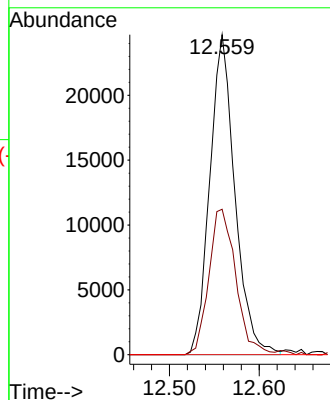
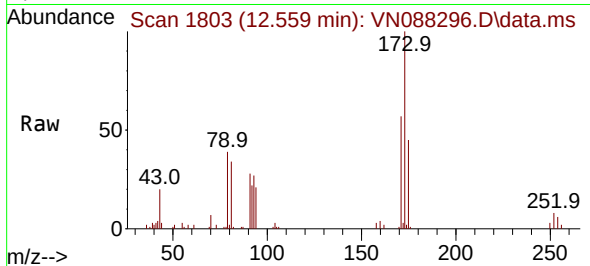




#71
Bromoform
Concen: 22.328 ug/l
RT: 12.559 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088296.D
Acq: 17 Nov 2025 12:16

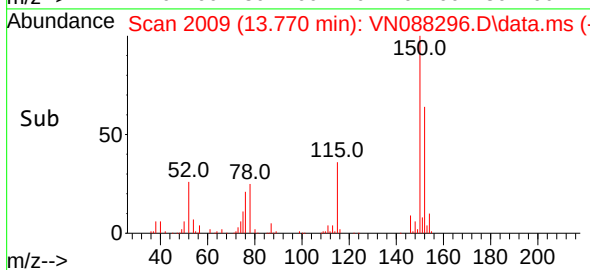
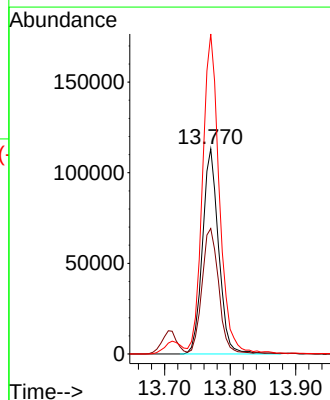
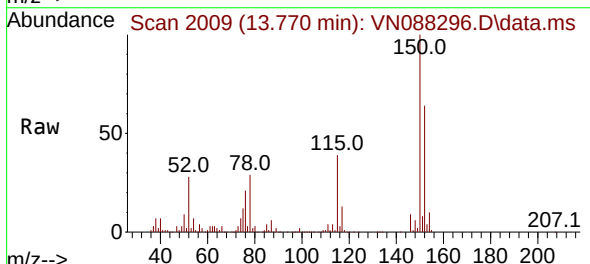
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01

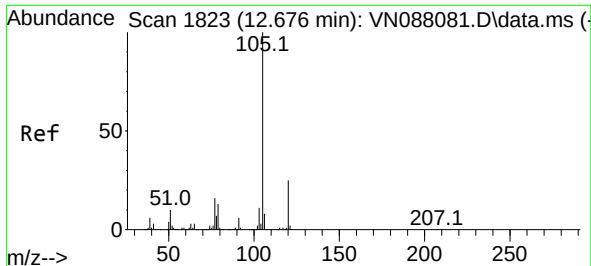
Tgt Ion:173 Resp: 47931
Ion Ratio Lower Upper
173 100
175 48.7 24.9 74.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN088296.D
Acq: 17 Nov 2025 12:16

Tgt Ion:152 Resp: 193737
Ion Ratio Lower Upper
152 100
115 62.4 32.3 96.8
150 162.6 0.0 351.0

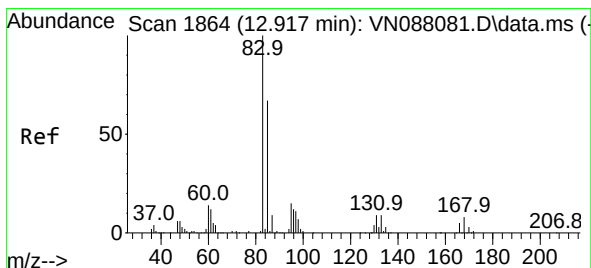
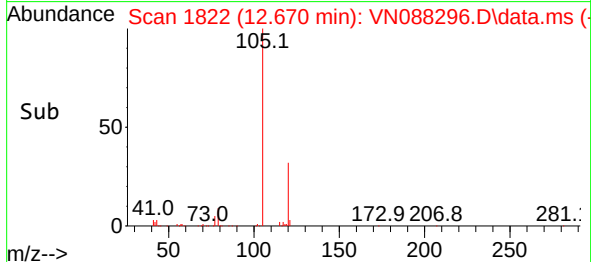
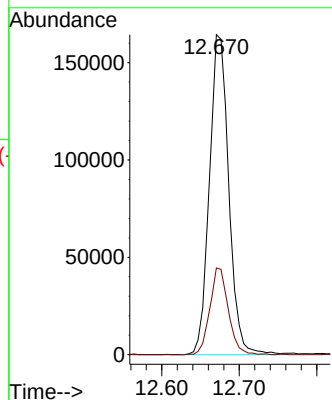
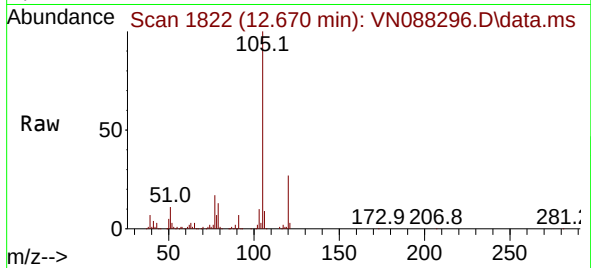




#73
Isopropylbenzene
Concen: 19.100 ug/l
RT: 12.670 min Scan# 1823
Delta R.T. -0.000 min
Lab File: VN088296.D
Acq: 17 Nov 2025 12:16

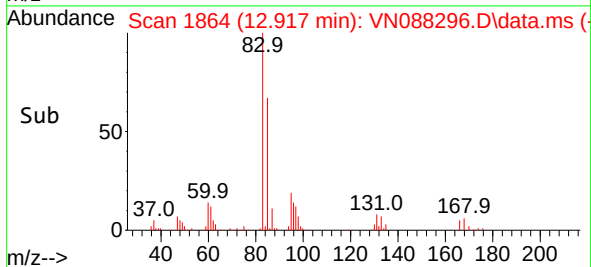
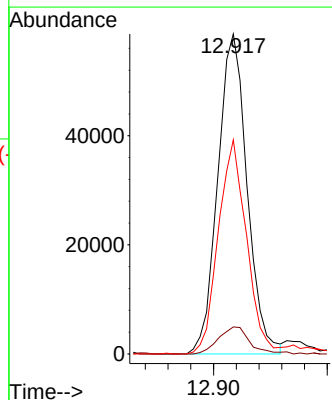
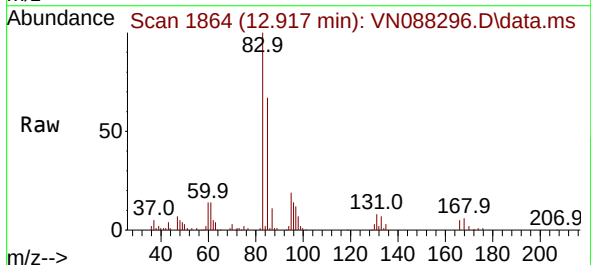
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01

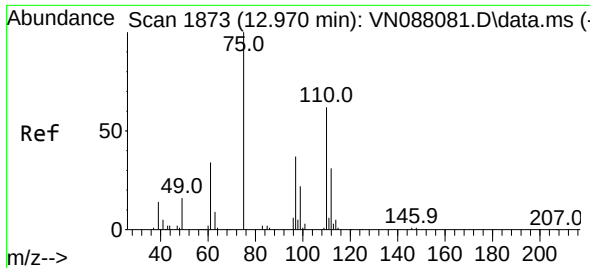
Tgt Ion:105 Resp: 285398
Ion Ratio Lower Upper
105 100
120 25.9 12.8 38.3



#75
1,1,2,2-Tetrachloroethane
Concen: 22.572 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN088296.D
Acq: 17 Nov 2025 12:16

Tgt Ion: 83 Resp: 105006
Ion Ratio Lower Upper
83 100
131 9.1 4.8 14.4
85 64.5 32.1 96.3

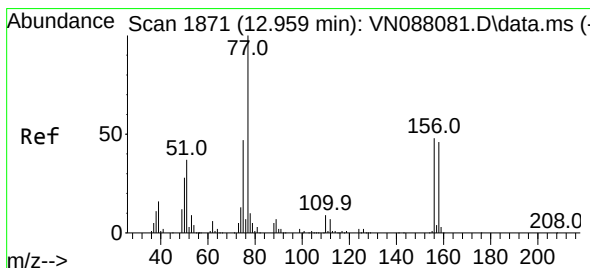
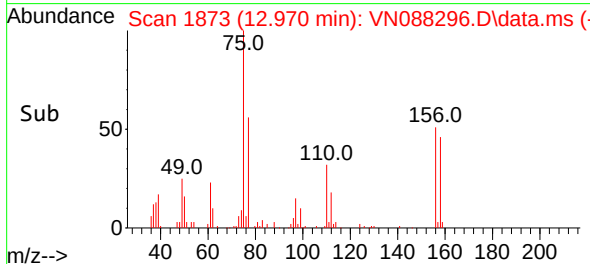
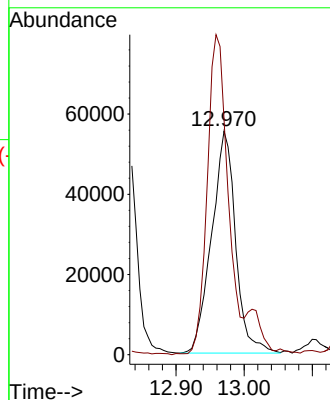
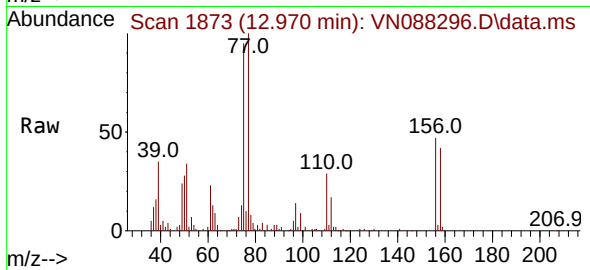




#76
1,2,3-Trichloropropane
Concen: 30.607 ug/l
RT: 12.970 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN088296.D
Acq: 17 Nov 2025 12:16

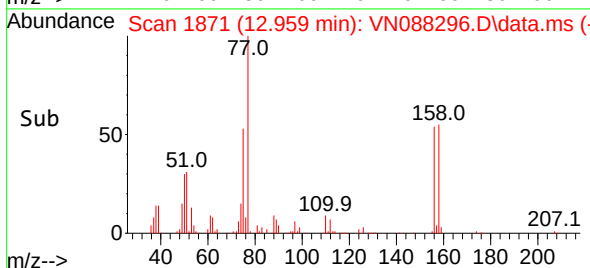
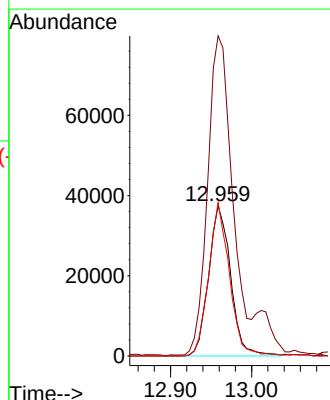
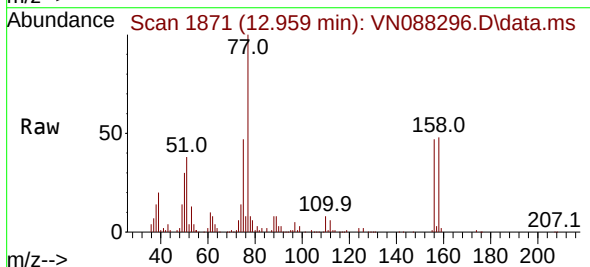
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01

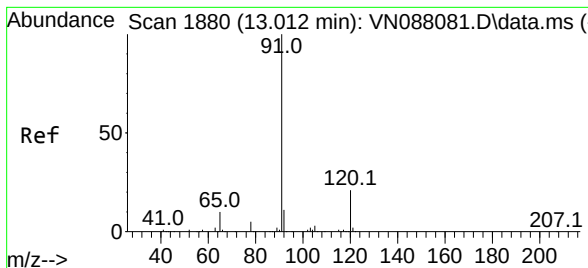
Tgt Ion: 75 Resp: 135570
Ion Ratio Lower Upper
75 100
77 124.7 89.1 267.4



#77
Bromobenzene
Concen: 21.924 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN088296.D
Acq: 17 Nov 2025 12:16

Tgt Ion:156 Resp: 70644
Ion Ratio Lower Upper
156 100
77 239.3 119.3 358.0
158 96.2 48.2 144.6





#78

n-propylbenzene

Concen: 19.623 ug/l

RT: 13.012 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VN088296.D

Acq: 17 Nov 2025 12:16

Instrument :

MSVOA_N

ClientSampleId :

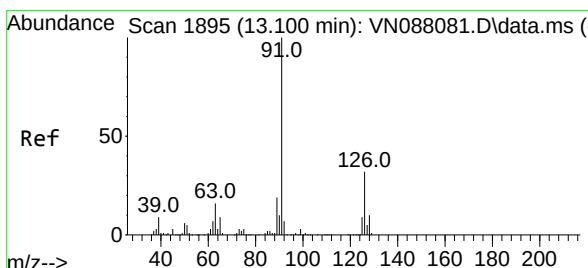
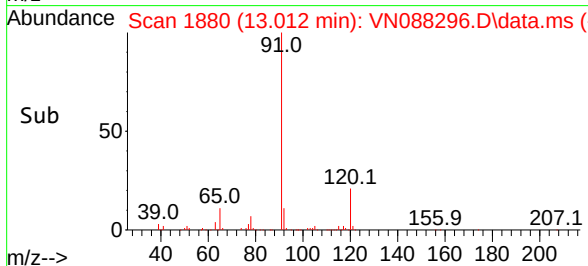
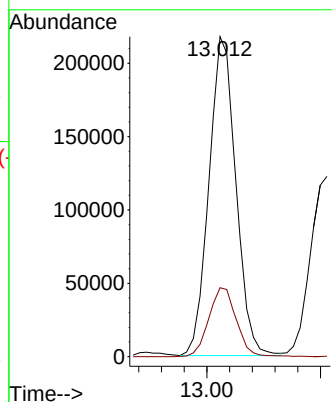
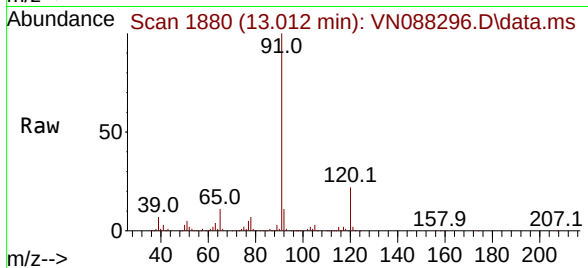
VN1117WBSD01

Tgt Ion: 91 Resp: 357833

Ion Ratio Lower Upper

91 100

120 22.2 10.7 32.1



#79

2-Chlorotoluene

Concen: 20.594 ug/l

RT: 13.106 min Scan# 1896

Delta R.T. 0.006 min

Lab File: VN088296.D

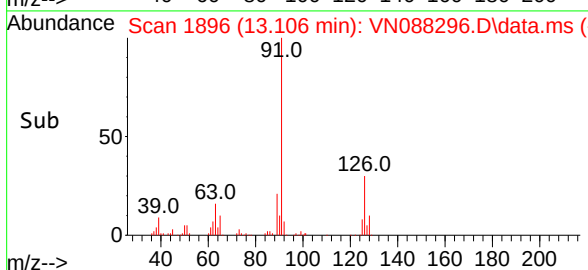
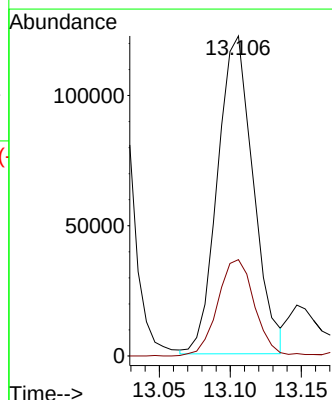
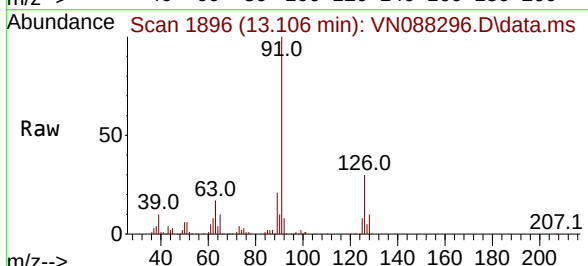
Acq: 17 Nov 2025 12:16

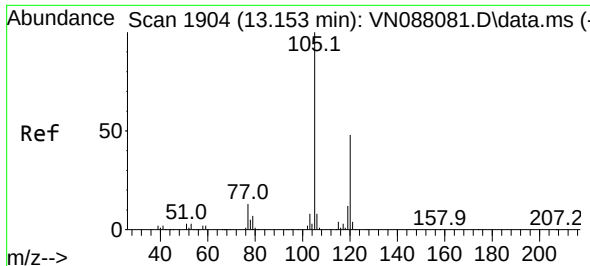
Tgt Ion: 91 Resp: 214159

Ion Ratio Lower Upper

91 100

126 31.3 16.1 48.3

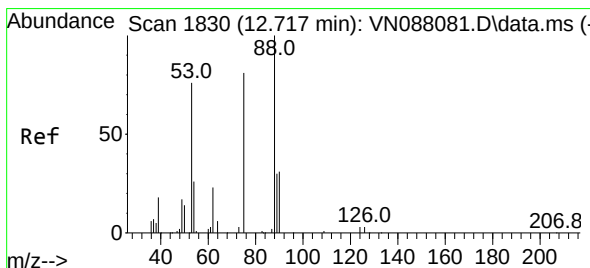
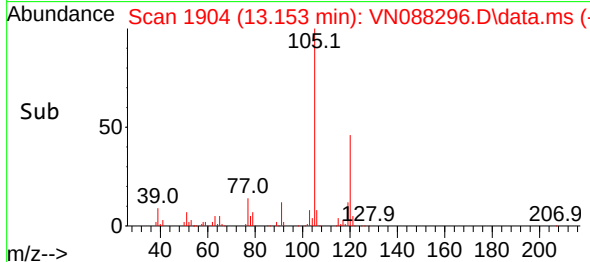
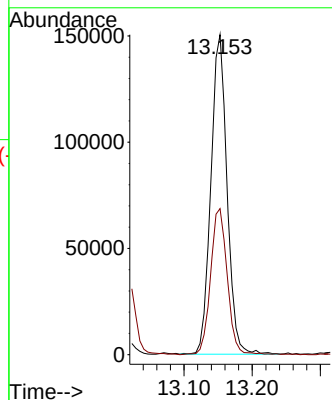
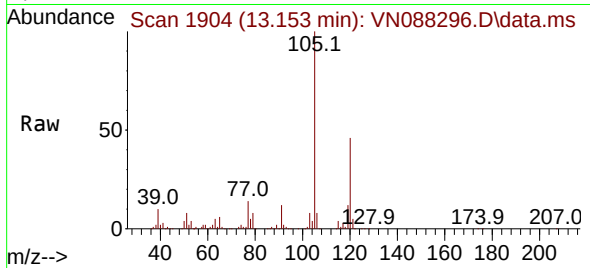




#80
1,3,5-Trimethylbenzene
Concen: 20.026 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN088296.D
Acq: 17 Nov 2025 12:16

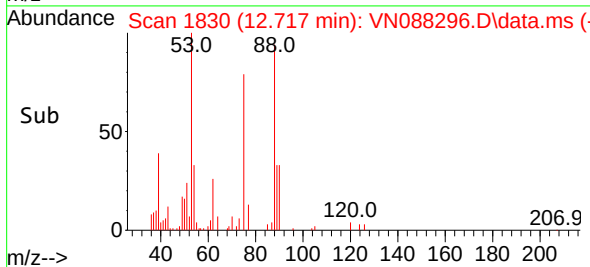
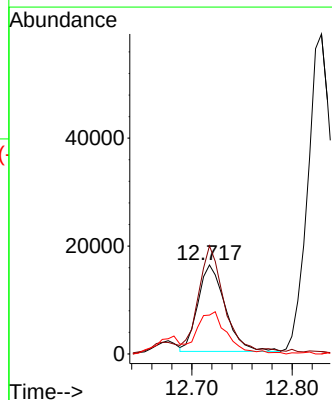
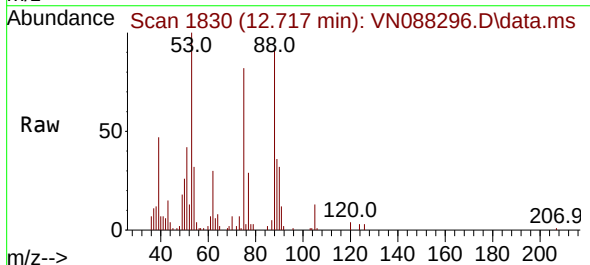
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01

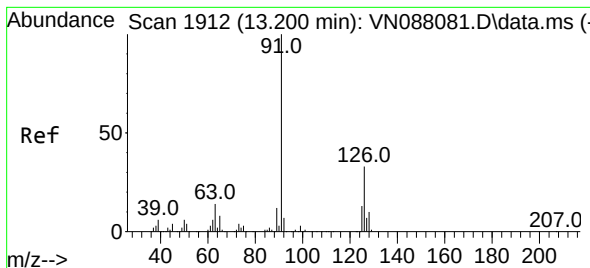
Tgt Ion:105 Resp: 248523
Ion Ratio Lower Upper
105 100
120 47.3 23.2 69.6



#81
trans-1,4-Dichloro-2-butene
Concen: 19.194 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN088296.D
Acq: 17 Nov 2025 12:16

Tgt Ion: 75 Resp: 30478
Ion Ratio Lower Upper
75 100
53 114.2 101.8 152.6
89 52.3 35.6 53.4

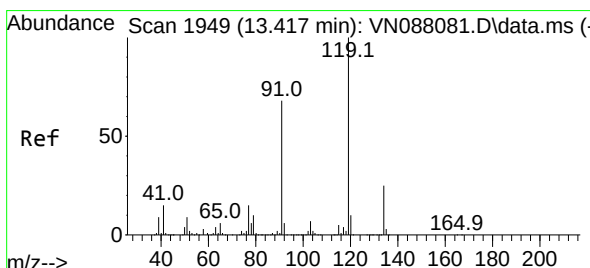
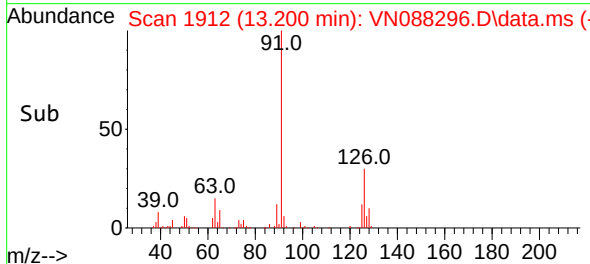
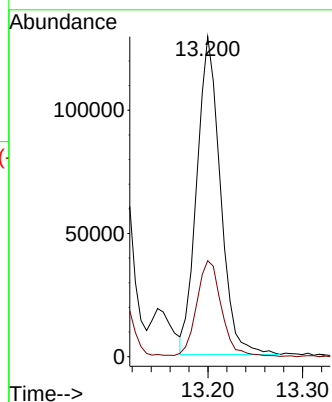
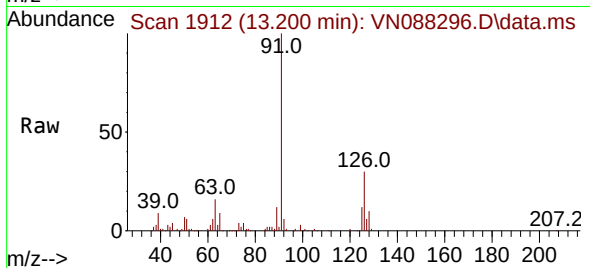




#82
4-Chlorotoluene
Concen: 19.831 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN088296.D
Acq: 17 Nov 2025 12:16

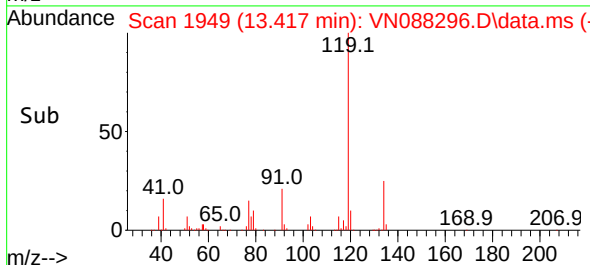
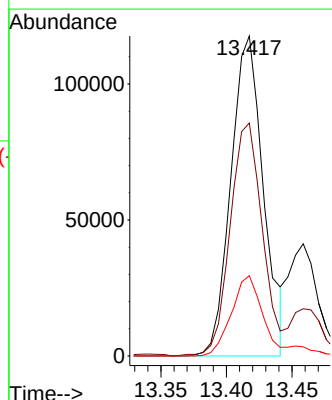
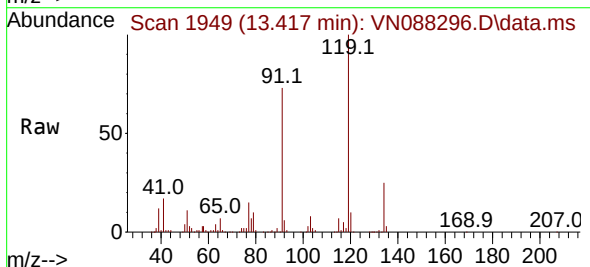
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01

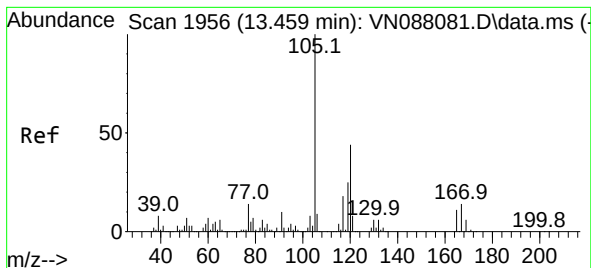
Tgt Ion: 91 Resp: 223115
Ion Ratio Lower Upper
91 100
126 32.0 15.6 46.8



#83
tert-Butylbenzene
Concen: 18.309 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VN088296.D
Acq: 17 Nov 2025 12:16

Tgt Ion: 119 Resp: 202965
Ion Ratio Lower Upper
119 100
91 71.8 35.0 105.0
134 26.3 12.6 37.8





#84

1,2,4-Trimethylbenzene

Concen: 19.902 ug/l

RT: 13.459 min Scan# 1956

Delta R.T. -0.000 min

Lab File: VN088296.D

Acq: 17 Nov 2025 12:16

Instrument :

MSVOA_N

ClientSampleId :

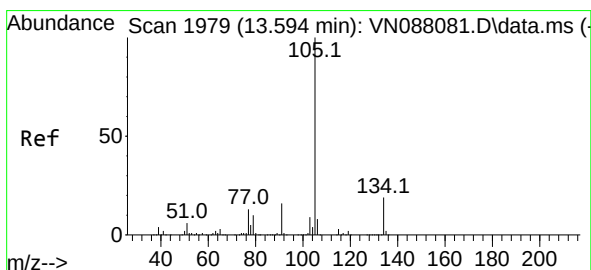
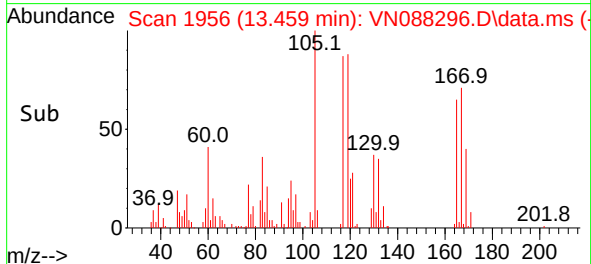
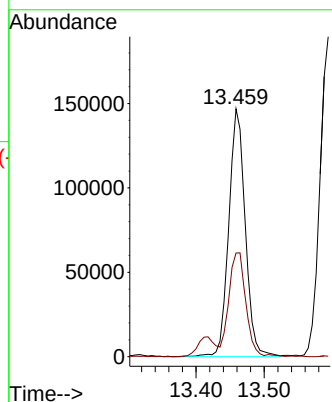
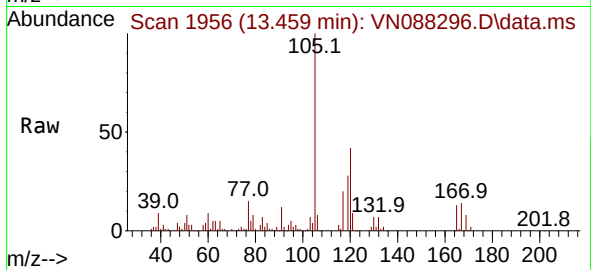
VN1117WBSD01

Tgt Ion:105 Resp: 247101

Ion Ratio Lower Upper

105 100

120 42.9 22.0 66.0



#85

sec-Butylbenzene

Concen: 18.633 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. -0.000 min

Lab File: VN088296.D

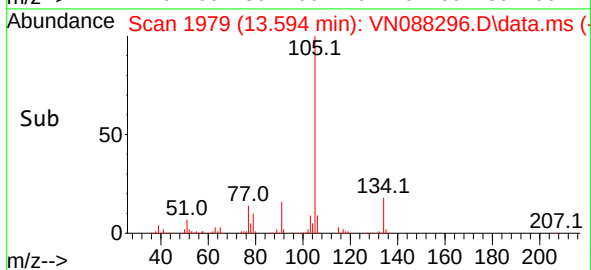
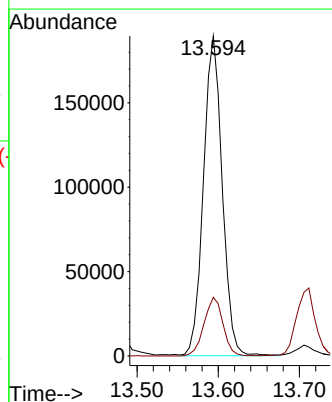
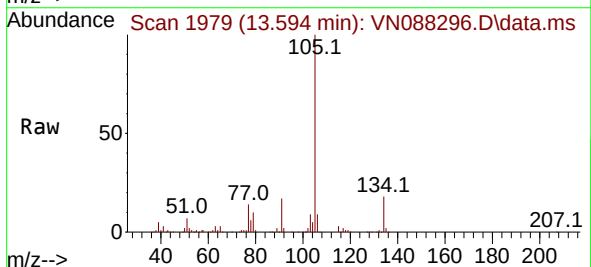
Acq: 17 Nov 2025 12:16

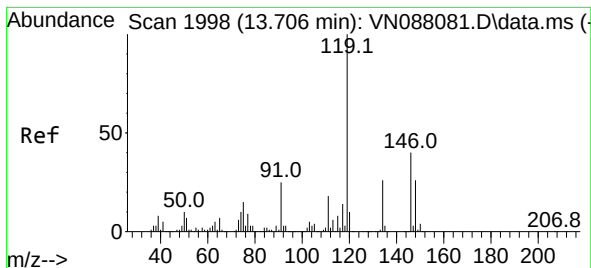
Tgt Ion:105 Resp: 303475

Ion Ratio Lower Upper

105 100

134 18.5 9.6 28.6





#86

p-Isopropyltoluene

Concen: 19.362 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. -0.000 min

Lab File: VN088296.D

Acq: 17 Nov 2025 12:16

Instrument :

MSVOA_N

ClientSampleId :

VN1117WBSD01

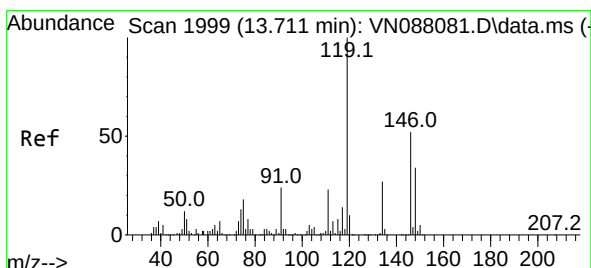
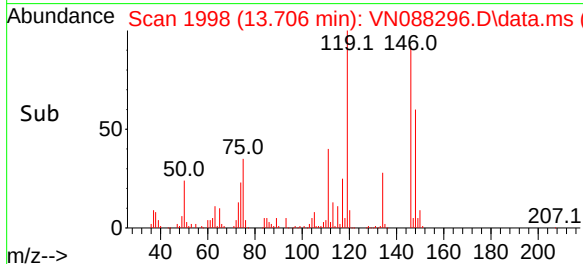
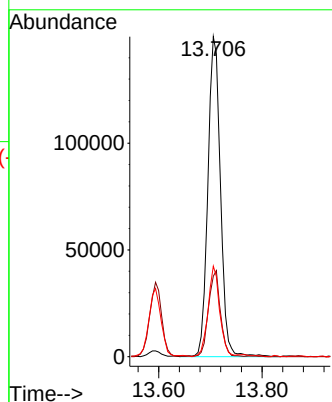
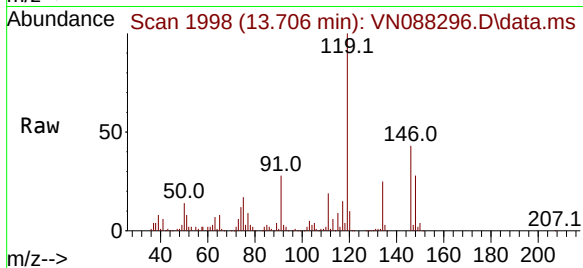
Tgt Ion:119 Resp: 252977

Ion Ratio Lower Upper

119 100

134 25.4 12.7 38.0

91 26.1 12.5 37.5



#87

1,3-Dichlorobenzene

Concen: 20.279 ug/l

RT: 13.712 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN088296.D

Acq: 17 Nov 2025 12:16

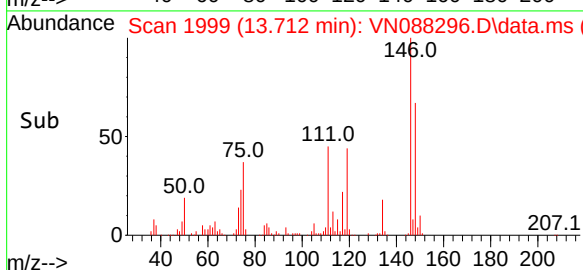
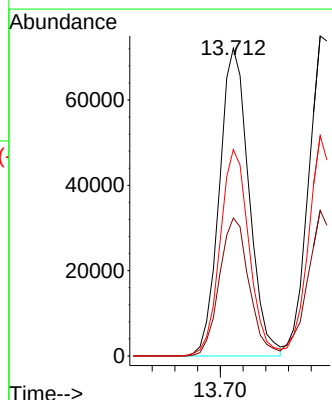
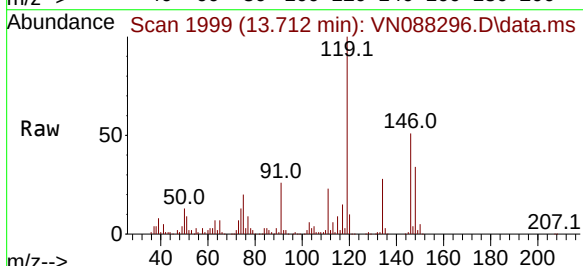
Tgt Ion:146 Resp: 130440

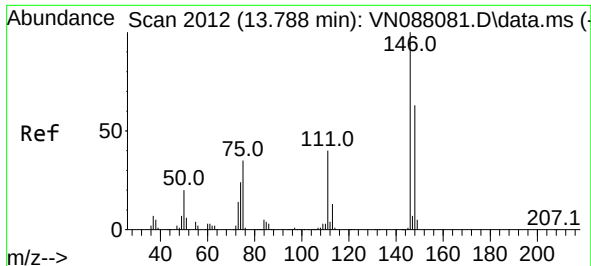
Ion Ratio Lower Upper

146 100

111 44.9 22.1 66.5

148 65.8 32.0 96.2

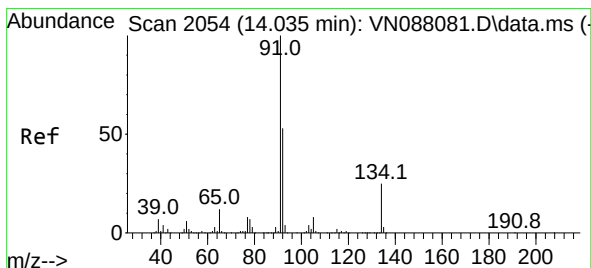
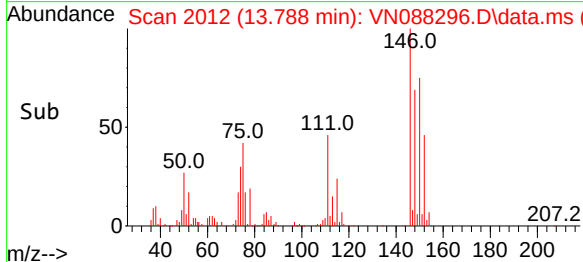
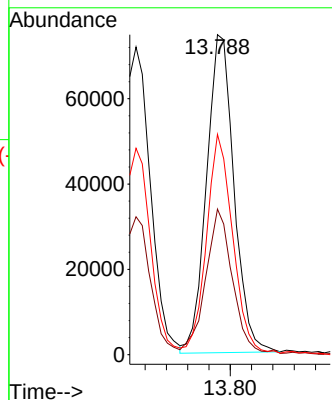
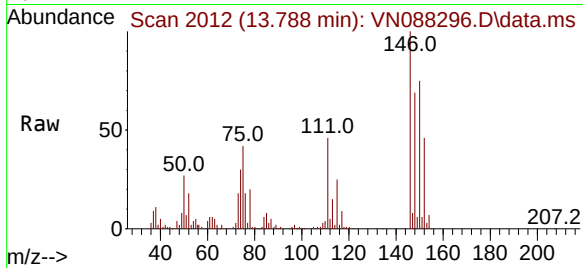




#88
1,4-Dichlorobenzene
Concen: 19.299 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN088296.D
Acq: 17 Nov 2025 12:16

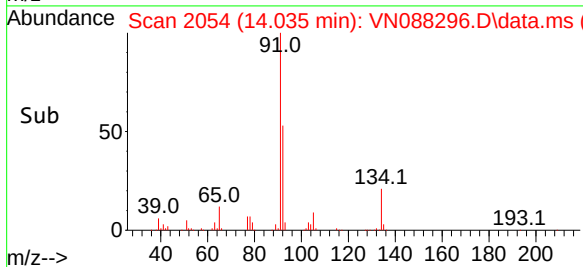
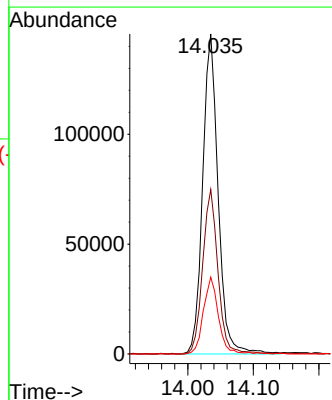
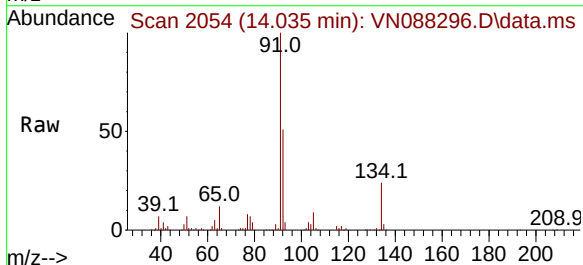
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01

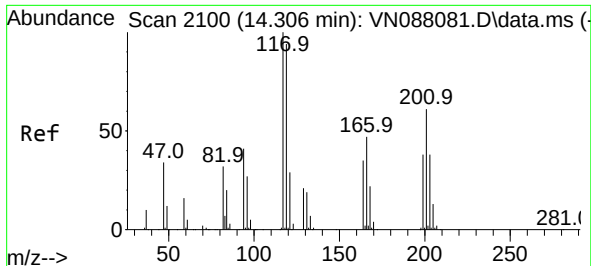
Tgt Ion:146 Resp: 133328
Ion Ratio Lower Upper
146 100
111 44.1 21.0 63.0
148 65.8 32.0 96.0



#89
n-Butylbenzene
Concen: 18.504 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.006 min
Lab File: VN088296.D
Acq: 17 Nov 2025 12:16

Tgt Ion: 91 Resp: 239479
Ion Ratio Lower Upper
91 100
92 50.9 25.9 77.8
134 23.3 11.7 35.0

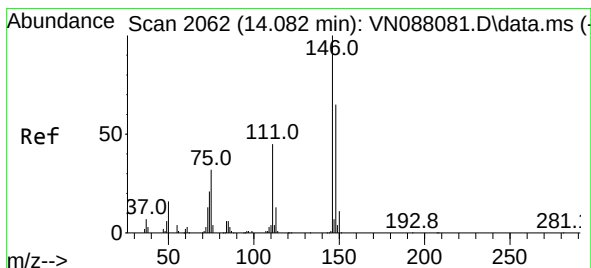
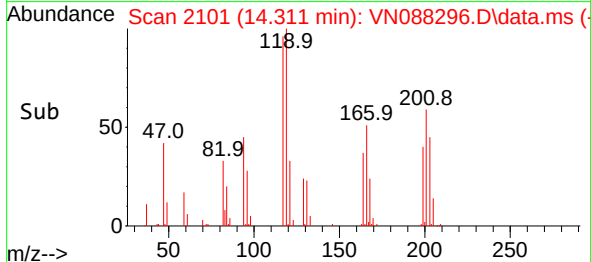
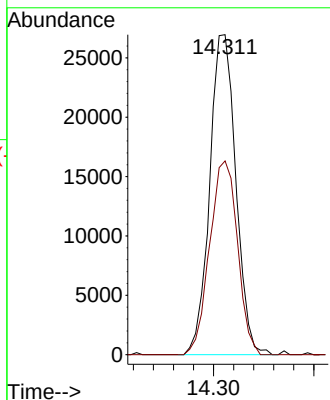
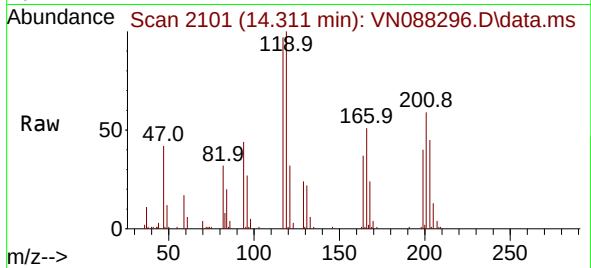




#90
Hexachloroethane
Concen: 19.306 ug/l
RT: 14.311 min Scan# 2101
Delta R.T. -0.000 min
Lab File: VN088296.D
Acq: 17 Nov 2025 12:16

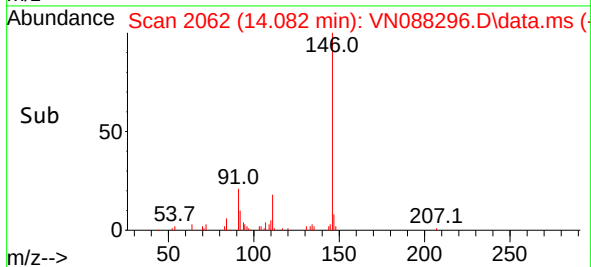
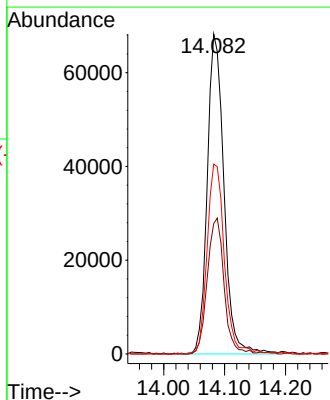
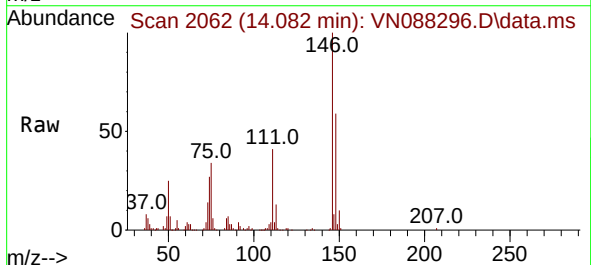
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01

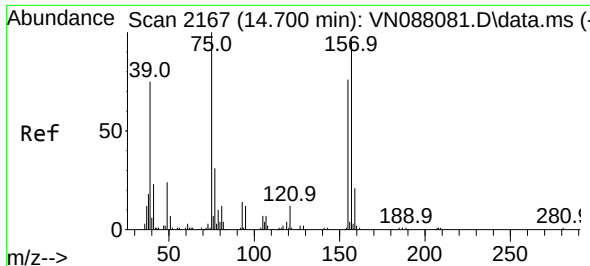
Tgt Ion:117 Resp: 48848
Ion Ratio Lower Upper
117 100
201 64.4 29.1 87.4



#91
1,2-Dichlorobenzene
Concen: 20.989 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN088296.D
Acq: 17 Nov 2025 12:16

Tgt Ion:146 Resp: 130139
Ion Ratio Lower Upper
146 100
111 42.5 22.6 67.8
148 61.7 31.9 95.9

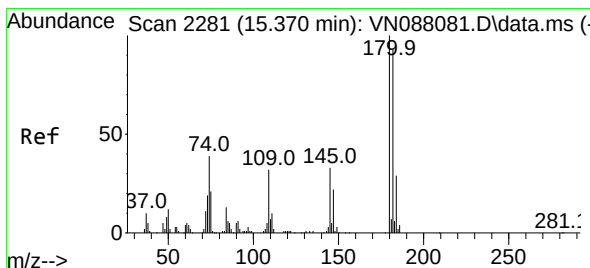
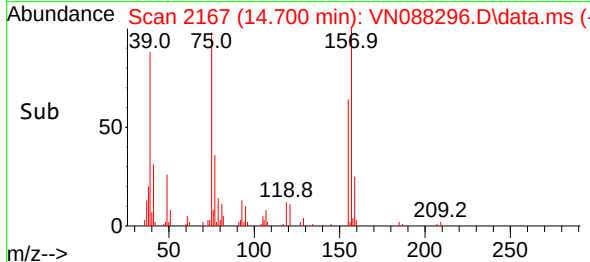
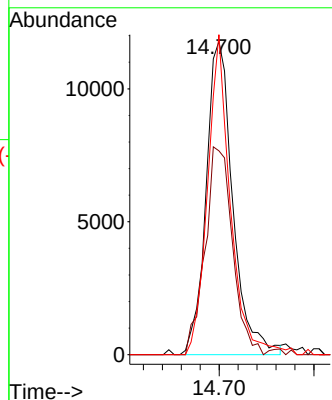
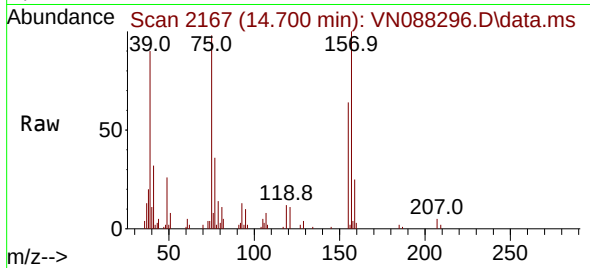




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.317 ug/l
 RT: 14.700 min Scan# 2167
 Delta R.T. -0.000 min
 Lab File: VN088296.D
 Acq: 17 Nov 2025 12:16

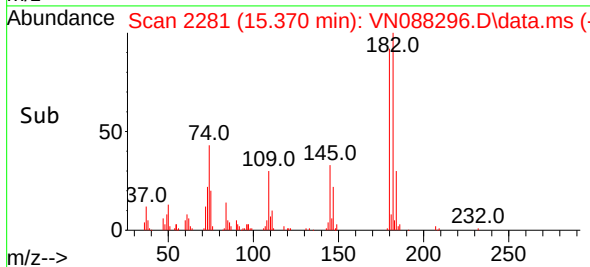
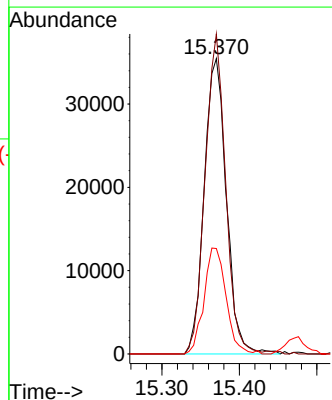
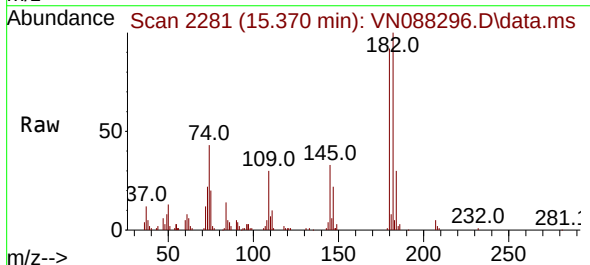
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117WBSD01

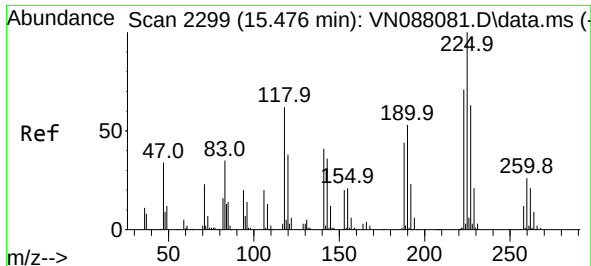
Tgt Ion: 75 Resp: 23082
 Ion Ratio Lower Upper
 75 100
 155 68.1 36.6 109.9
 157 87.2 45.6 136.9



#93
 1,2,4-Trichlorobenzene
 Concen: 18.768 ug/l
 RT: 15.370 min Scan# 2281
 Delta R.T. 0.006 min
 Lab File: VN088296.D
 Acq: 17 Nov 2025 12:16

Tgt Ion:180 Resp: 70475
 Ion Ratio Lower Upper
 180 100
 182 100.1 47.6 142.9
 145 35.7 16.5 49.5

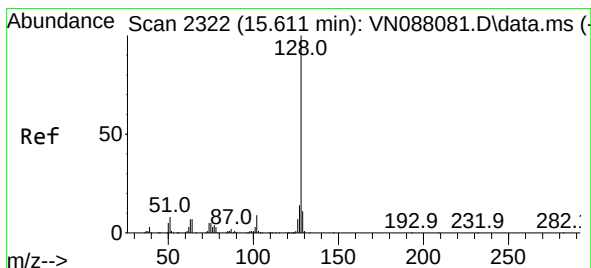
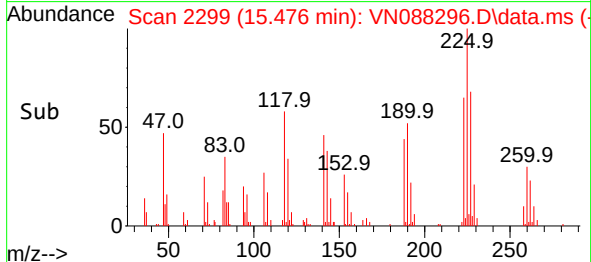
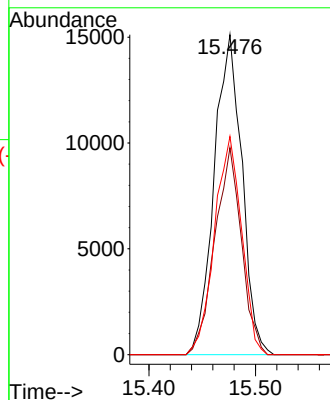
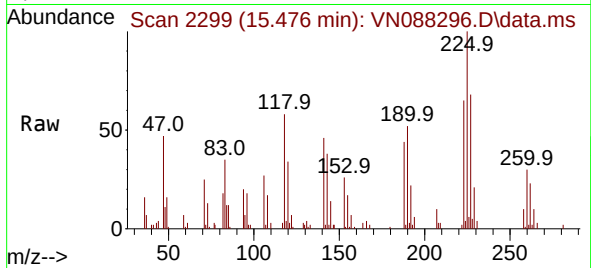




#94
Hexachlorobutadiene
Concen: 19.553 ug/l
RT: 15.476 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN088296.D
Acq: 17 Nov 2025 12:16

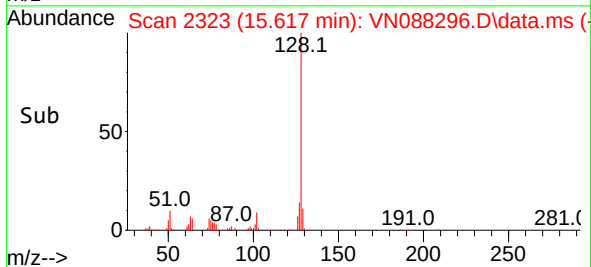
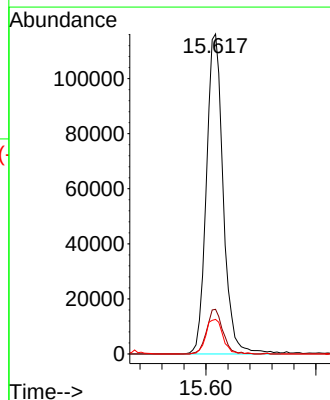
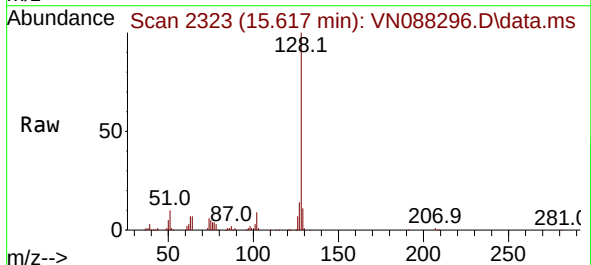
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01

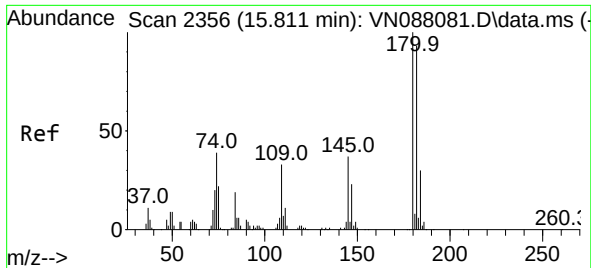
Tgt Ion:225 Resp: 27343
Ion Ratio Lower Upper
225 100
223 62.1 32.0 96.2
227 66.5 32.1 96.5



#95
Naphthalene
Concen: 19.155 ug/l
RT: 15.617 min Scan# 2323
Delta R.T. 0.006 min
Lab File: VN088296.D
Acq: 17 Nov 2025 12:16

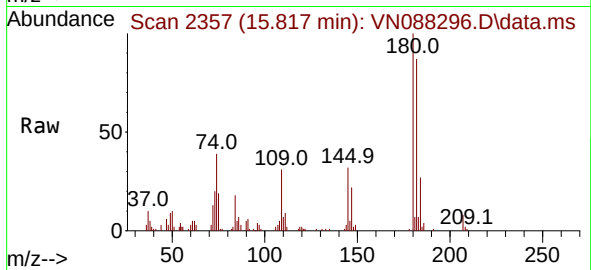
Tgt Ion:128 Resp: 246411
Ion Ratio Lower Upper
128 100
127 13.4 10.6 15.8
129 11.0 8.6 12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 19.387 ug/l
 RT: 15.817 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN088296.D
 Acq: 17 Nov 2025 12:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117WBSD01



Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	46.8	140.3
145	35.6	17.3	52.0

