

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080525\
 Data File : VN087450.D
 Acq On : 05 Aug 2025 12:02
 Operator : JC\MD
 Sample : VN0805WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0805WBSD01

Quant Time: Aug 06 02:10:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 06 02:01:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.800	128	78432	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	403979	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	365851	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	206057	28.484	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	94.933%
60) 4-Bromofluorobenzene	12.829	95	188695	29.970	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	99.900%
63) Toluene-d8	10.547	98	500854	29.753	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.167%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	62984	12.300	ug/l	95
3) Chloromethane	2.383	50	61032	11.617	ug/l	93
4) Vinyl Chloride	2.542	62	70596	12.669	ug/l	98
5) Bromomethane	2.983	94	35672	11.827	ug/l	90
6) Chloroethane	3.136	64	45567	12.681	ug/l	91
7) Trichlorofluoromethane	3.512	101	99742	12.437	ug/l	95
8) Diethyl Ether	3.959	74	43687	13.076	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	51787	12.663	ug/l	85
10) 1,1-Dichloroethene	4.336	96	52943	12.325	ug/l	98
11) Methyl Iodide	4.589	142	33547	9.918	ug/l	97
12) Methyl Acetate	5.018	43	123574	15.589	ug/l	93
13) Acrolein	4.500	56	327	0.270	ug/l	91
14) Acrylonitrile	5.712	53	228675	66.063	ug/l	98
15) Acetone	4.430	58	66996	67.739	ug/l	99
16) Carbon Disulfide	4.706	76	147204	11.047	ug/l	100
17) Allyl chloride	5.006	41	109247	12.477	ug/l	94
18) Methylene Chloride	5.259	84	70049	12.667	ug/l	92
19) trans-1,2-Dichloroethene	5.777	96	61166	11.974	ug/l	95
20) Diisopropyl ether	6.659	45	255847	12.827	ug/l	97
21) 1,1-Dichloroethane	6.553	63	132984	12.898	ug/l	96
22) cis-1,2-Dichloroethene	7.471	96	81510	12.968	ug/l	99
23) tert-Butyl Alcohol	5.530	59	95396	64.856	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	256789	13.119	ug/l	99
25) Chloroform	7.953	83	138345	12.855	ug/l	98
26) Cyclohexane	8.241	56	100310	12.152	ug/l #	99
29) 1,1-Dichloropropene	8.353	75	88324	13.405	ug/l	97
30) 2-Butanone	7.471	43	337650	69.521	ug/l	99
31) 2,2-Dichloropropane	7.477	77	122475	14.412	ug/l	98
32) 1,1,1-Trichloroethane	8.153	97	117389	13.969	ug/l	97
33) Carbon Tetrachloride	8.347	117	96859	13.874	ug/l	98
34) Benzene	8.588	78	286694	13.784	ug/l	99
35) Methacrylonitrile	7.765	41	73070	13.942	ug/l	97
36) 1,2-Dichloroethane	8.653	62	116393	13.846	ug/l	99
37) Trichloroethene	9.335	130	60775	13.265	ug/l	97
38) Methylcyclohexane	9.577	83	96592	12.637	ug/l	99
39) 1,2-Dichloropropane	9.600	63	74539	13.978	ug/l	95
40) Dibromomethane	9.688	93	54961	13.736	ug/l	95
41) Bromodichloromethane	9.871	83	114030	13.715	ug/l	96
42) Vinyl Acetate	6.589	43	1079665	67.503	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	124400	13.258	ug/l	97
44) Isopropyl Acetate	8.671	43	224436	14.111	ug/l	99
45) 1,4-Dioxane	9.682	88	30505	300.860	ug/l	98
46) Methyl methacrylate	9.665	41	104273	13.889	ug/l	95
47) n-amyl Acetate	12.523	43	15401	1.753	ug/l #	79
48) t-1,3-Dichloropropene	10.818	75	124561	13.771	ug/l	100
49) cis-1,3-Dichloropropene	10.288	75	127816	14.041	ug/l	99
50) 1,1,2-Trichloroethane	11.000	97	71617	14.167	ug/l	96
51) Ethyl methacrylate	10.859	69	124909	14.030	ug/l	93
52) 1,3-Dichloropropane	11.141	76	125417	13.771	ug/l	98
53) Dibromochloromethane	11.335	129	81472	13.955	ug/l	97
54) 1,2-Dibromoethane	11.447	107	74260	13.838	ug/l	100
55) 2-Chloroethyl vinyl ether	10.141	63	263019	56.118	ug/l	99
56) Bromoform	12.559	173	53471	13.847	ug/l #	94
58) 4-Methyl-2-Pentanone	10.424	43	673117	71.521	ug/l	100
59) 2-Hexanone	11.182	43	442504	69.200	ug/l	100
61) Tetrachloroethene	11.088	164	46372	13.010	ug/l	93
62) Toluene	10.612	91	302753	13.408	ug/l	99
64) Chlorobenzene	11.871	112	191037	13.769	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.941	131	67960	13.931	ug/l	98
66) Ethyl Benzene	11.941	91	342730	13.618	ug/l	97
67) m/p-Xylenes	12.053	106	244467	26.463	ug/l	98
68) o-Xylene	12.376	106	123458	13.584	ug/l	100
69) Styrene	12.394	104	208640	13.445	ug/l	98
70) Isopropylbenzene	12.676	105	318464	13.792	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.918	83	110740	13.997	ug/l	99
72) 1,2,3-Trichloropropane	12.970	75	147799	20.054	ug/l	56
73) Bromobenzene	12.959	156	73611	13.752	ug/l	99
74) n-propylbenzene	13.018	91	398642	13.824	ug/l	99
75) 2-Chlorotoluene	13.106	91	240420	13.554	ug/l	99
76) 1,3,5-Trimethylbenzene	13.153	105	272984	13.808	ug/l	100
77) t-1,4-Dichloro-2-butene	12.718	75	39390	14.118	ug/l	81
78) 4-Chlorotoluene	13.200	91	245953	13.682	ug/l	99
79) tert-butylbenzene	13.418	119	231334	13.878	ug/l	97
80) 1,2,4-Trimethylbenzene	13.459	105	270573	13.696	ug/l	100
81) sec-Butylbenzene	13.594	105	336415	13.864	ug/l	99
82) p-Isopropyltoluene	13.706	119	280626	13.928	ug/l	99
83) 1,3-Dichlorobenzene	13.712	146	143571	14.086	ug/l	99
84) 1,4-Dichlorobenzene	13.788	146	142669	13.806	ug/l	98
85) n-Butylbenzene	14.035	91	279344	14.171	ug/l	98
86) Hexachloroethane	14.312	117	58366	14.834	ug/l	100
87) 1,2-Dichlorobenzene	14.082	146	140410	14.431	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.700	75	28277	14.109	ug/l	94
89) 1,2,4-Trichlorobenzene	15.811	180	78646	13.525	ug/l	95
90) Hexachlorobutadiene	15.470	225	31937	14.125	ug/l	95
91) Naphthalene	15.611	128	307256	13.858	ug/l	99
92) 1,2,3-Trichlorobenzene	15.811	180	78646	13.525	ug/l	95

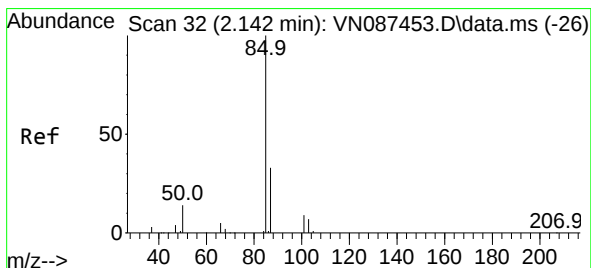
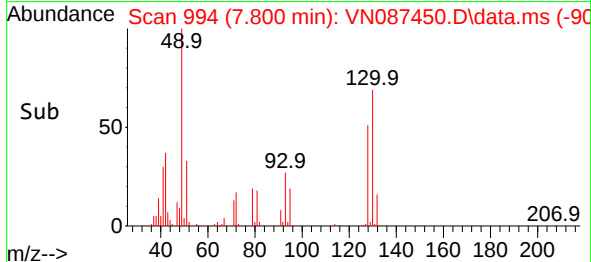
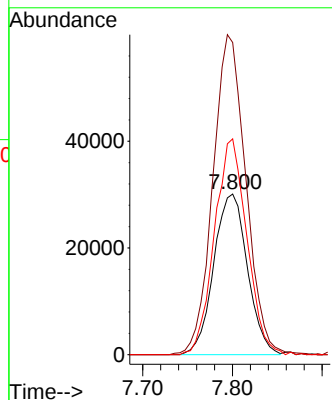
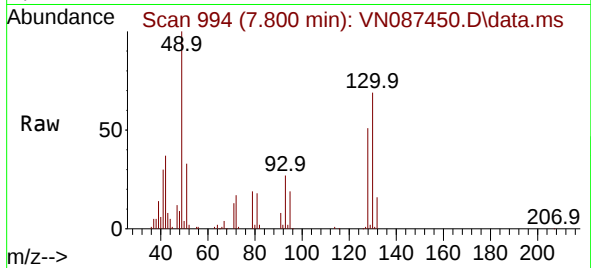
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN087450.D
Acq: 05 Aug 2025 12:02

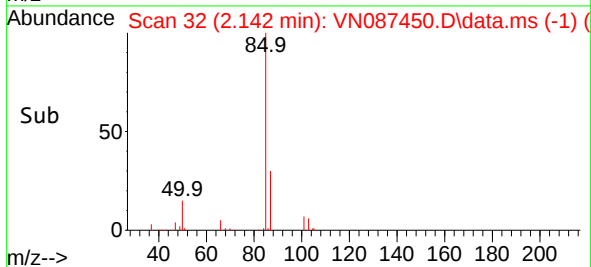
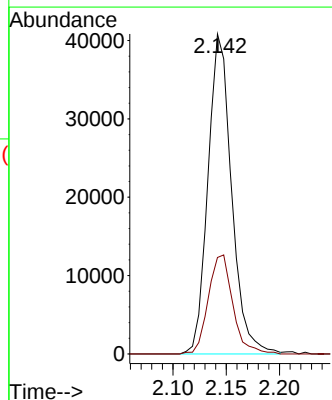
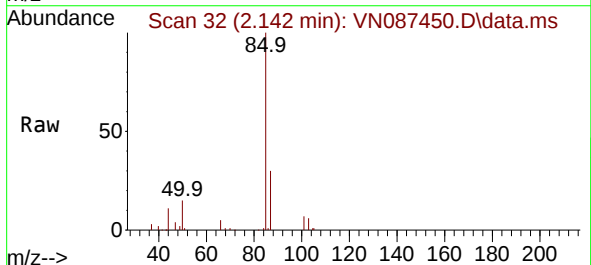
Instrument :
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VN0805WBSD01

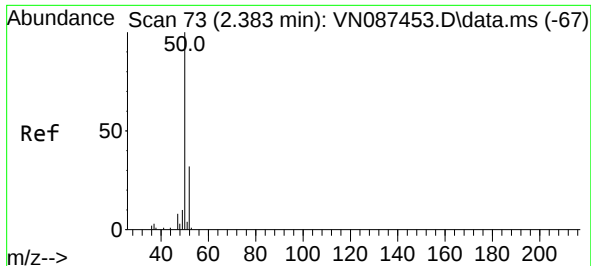
Tgt Ion:128 Resp: 78432
Ion Ratio Lower Upper
128 100
49 195.5 0.0 494.8
130 129.0 0.0 321.5



#2
Dichlorodifluoromethane
Concen: 12.300 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087450.D
Acq: 05 Aug 2025 12:02

Tgt Ion: 85 Resp: 62984
Ion Ratio Lower Upper
85 100
87 30.1 16.4 49.2

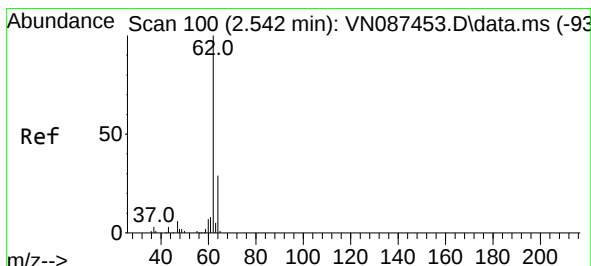
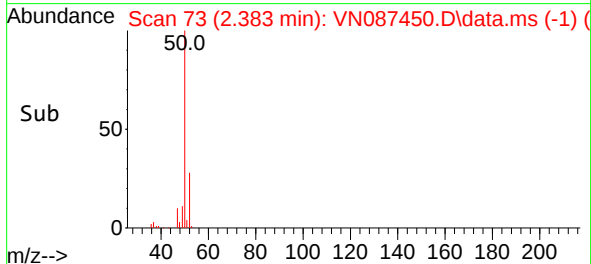
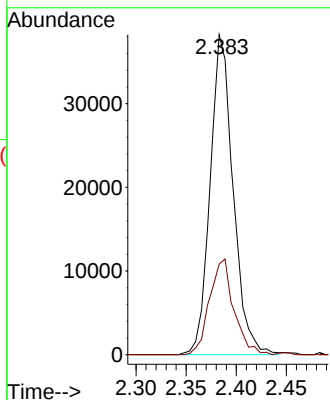
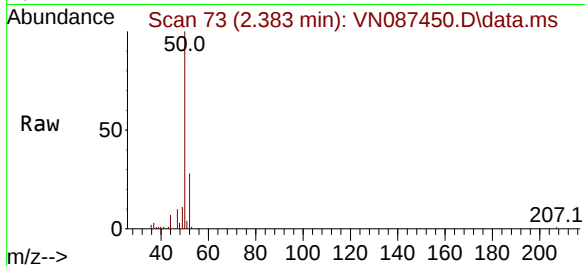




#3
Chloromethane
Concen: 11.617 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087450.D
Acq: 05 Aug 2025 12:02

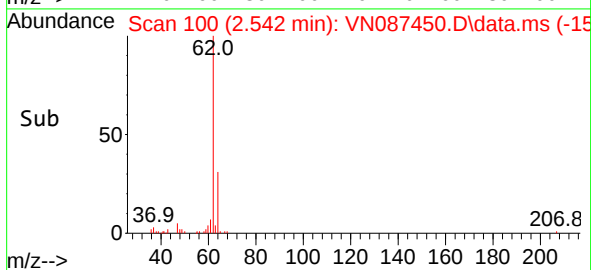
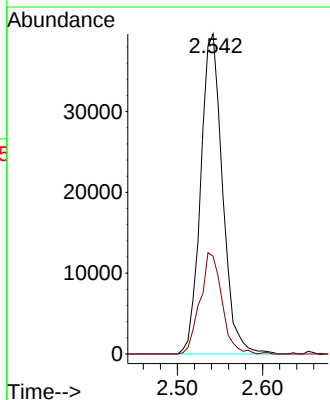
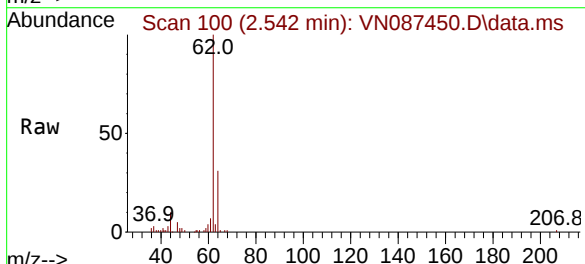
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VN0805WBSD01

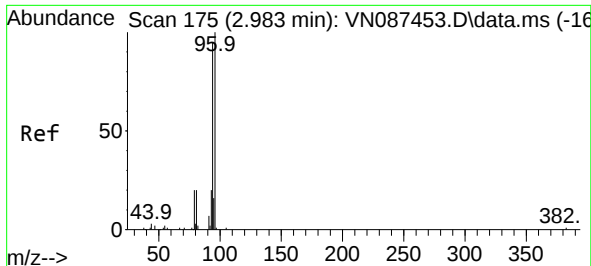
Tgt Ion: 50 Resp: 61032
Ion Ratio Lower Upper
50 100
52 28.3 25.8 38.6



#4
Vinyl Chloride
Concen: 12.669 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087450.D
Acq: 05 Aug 2025 12:02

Tgt Ion: 62 Resp: 70596
Ion Ratio Lower Upper
62 100
64 30.6 23.4 35.2

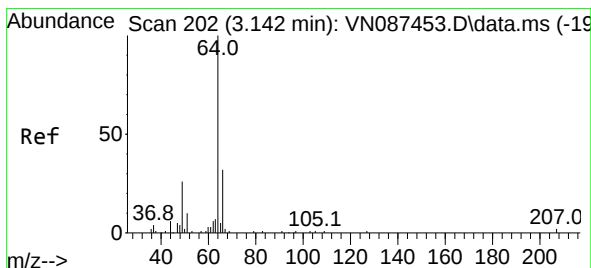
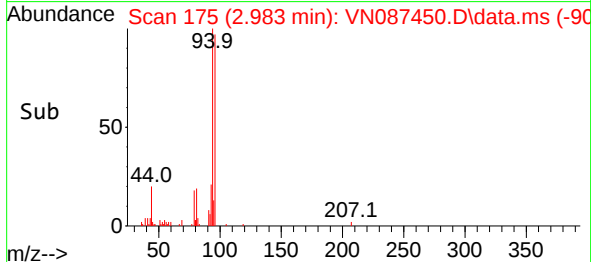
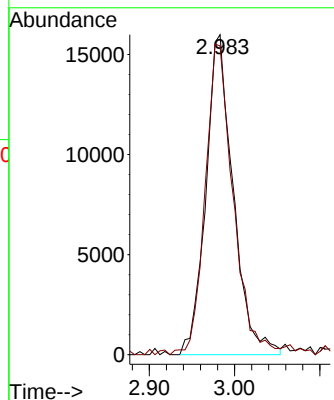
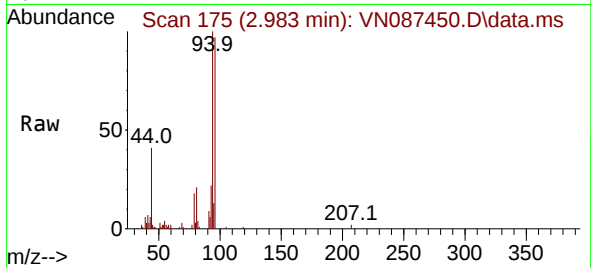




#5
Bromomethane
Concen: 11.827 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087450.D
Acq: 05 Aug 2025 12:02

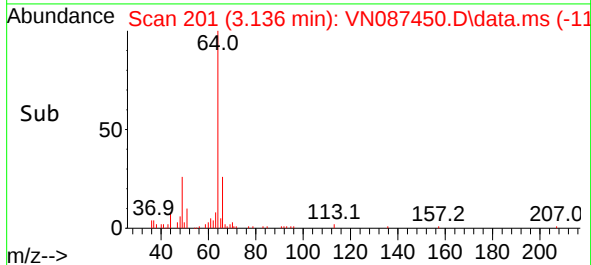
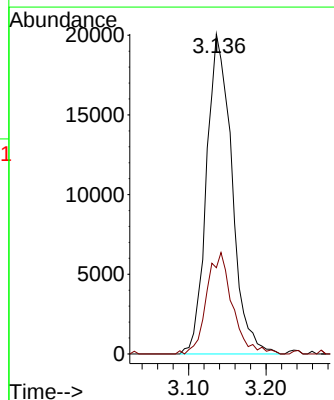
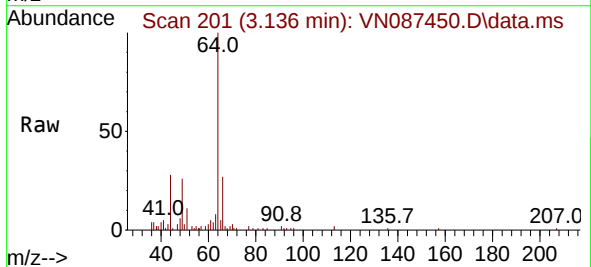
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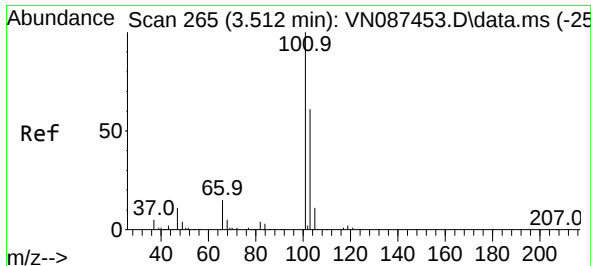
Tgt Ion: 94 Resp: 35672
Ion Ratio Lower Upper
94 100
96 95.0 84.2 126.4



#6
Chloroethane
Concen: 12.681 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.006 min
Lab File: VN087450.D
Acq: 05 Aug 2025 12:02

Tgt Ion: 64 Resp: 45567
Ion Ratio Lower Upper
64 100
66 27.0 25.4 38.0

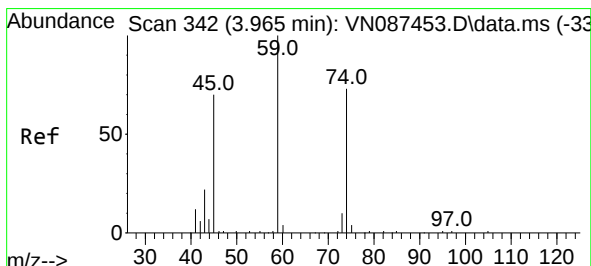
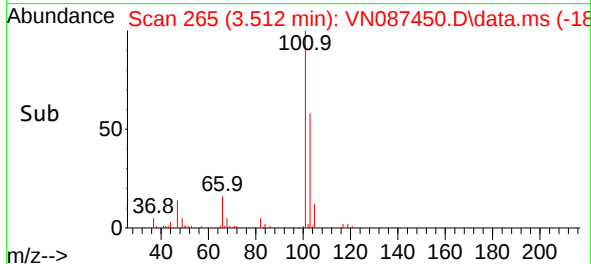
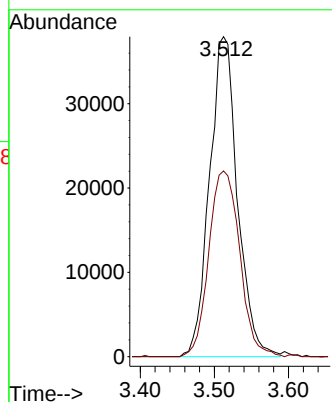
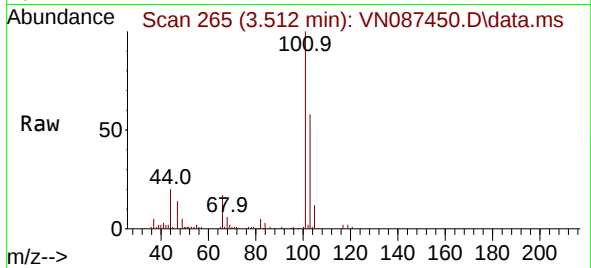




#7
 Trichlorofluoromethane
 Concen: 12.437 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN087450.D
 Acq: 05 Aug 2025 12:02

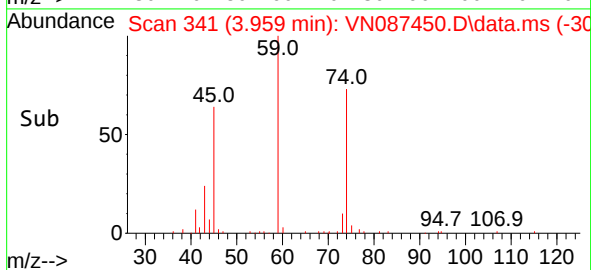
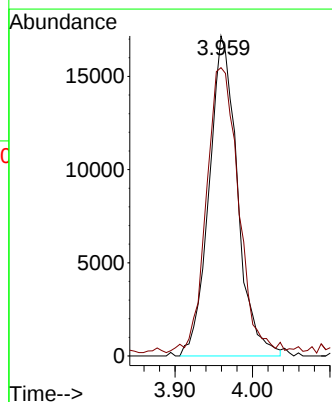
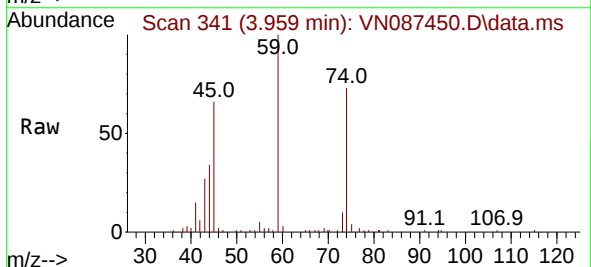
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Tgt Ion:101 Resp: 99742
 Ion Ratio Lower Upper
 101 100
 103 58.0 49.2 73.8



#8
 Diethyl Ether
 Concen: 13.076 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN087450.D
 Acq: 05 Aug 2025 12:02

Tgt Ion: 74 Resp: 43687
 Ion Ratio Lower Upper
 74 100
 45 100.1 20.1 180.9

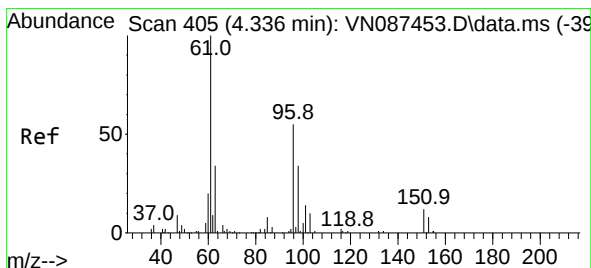
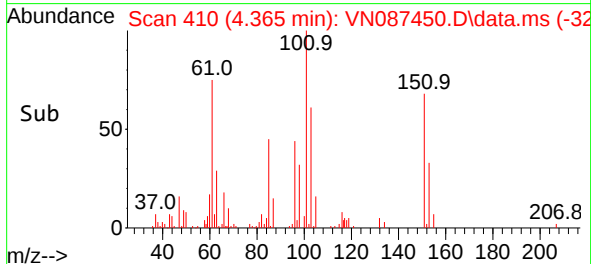
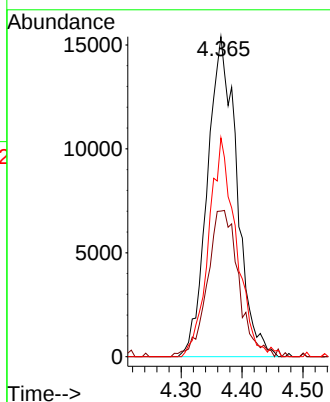
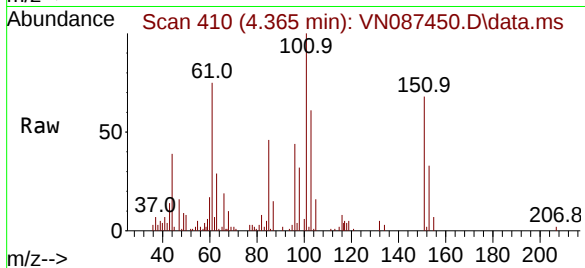




#9
1,1,2-Trichlorotrifluoroethane
Concen: 12.663 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN087450.D
Acq: 05 Aug 2025 12:02

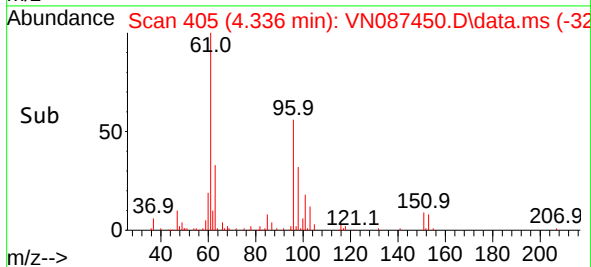
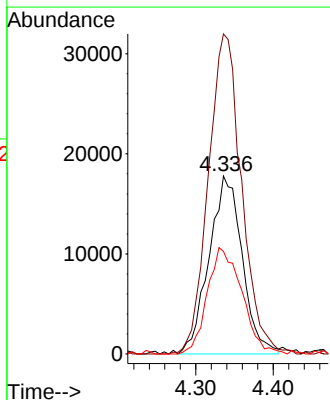
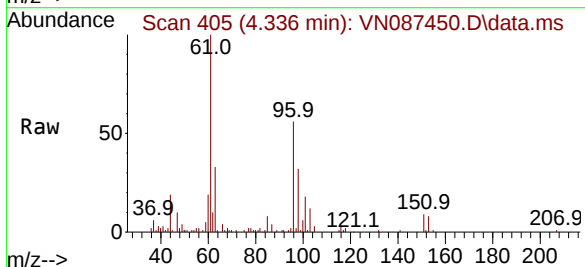
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBSD01

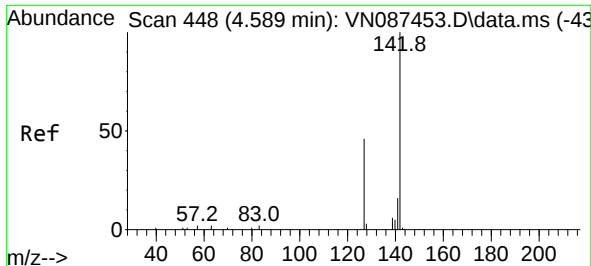
Tgt Ion:101 Resp: 51787
Ion Ratio Lower Upper
101 100
85 48.4 0.0 57.0
151 63.0 0.0 134.2



#10
1,1-Dichloroethene
Concen: 12.325 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN087450.D
Acq: 05 Aug 2025 12:02

Tgt Ion: 96 Resp: 52943
Ion Ratio Lower Upper
96 100
61 179.0 144.2 216.4
98 57.6 49.7 74.5

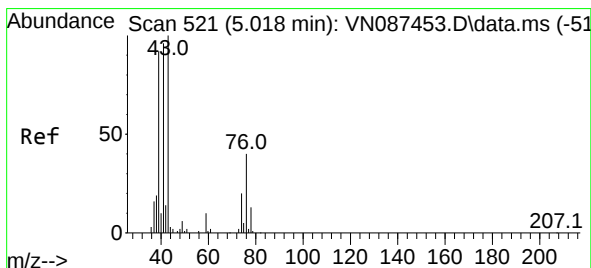
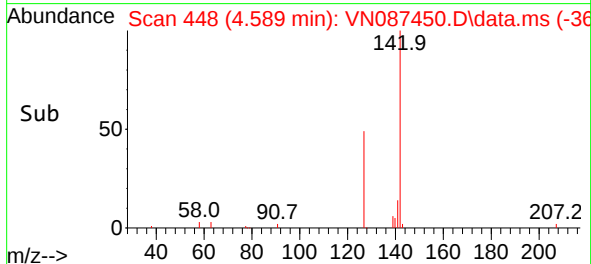
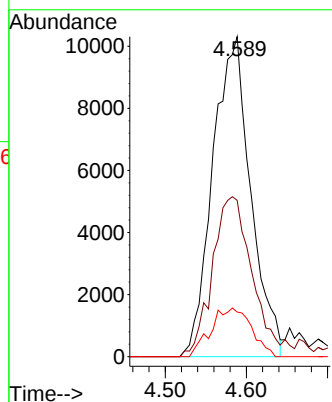
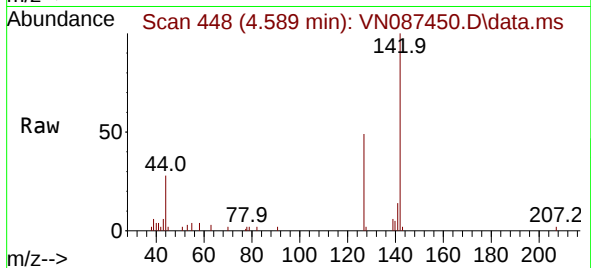




#11
Methyl Iodide
Concen: 9.918 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN087450.D
Acq: 05 Aug 2025 12:02

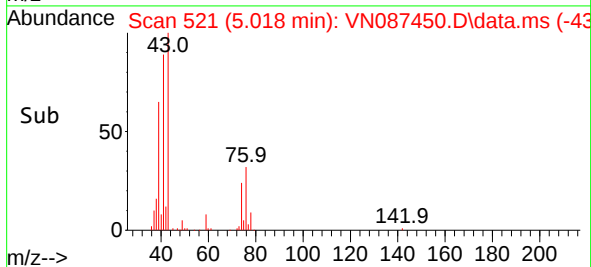
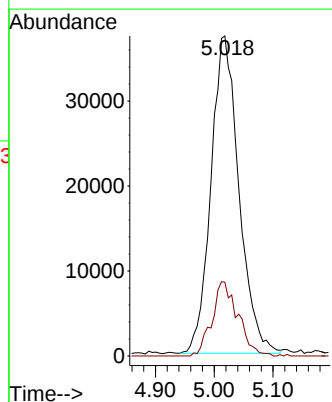
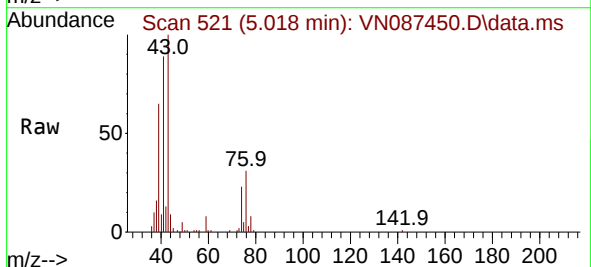
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBSD01

Tgt Ion:142 Resp: 33547
Ion Ratio Lower Upper
142 100
127 48.3 22.9 68.7
141 14.3 7.7 23.1



#12
Methyl Acetate
Concen: 15.589 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN087450.D
Acq: 05 Aug 2025 12:02

Tgt Ion: 43 Resp: 123574
Ion Ratio Lower Upper
43 100
74 23.1 16.0 24.0

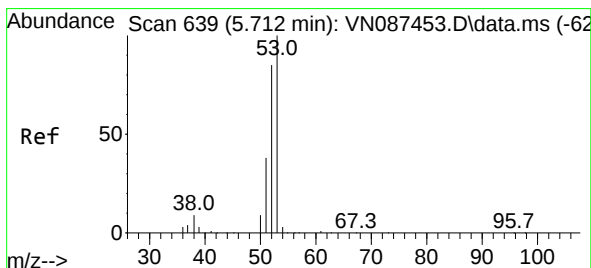
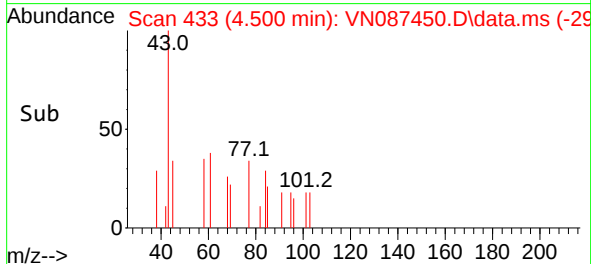
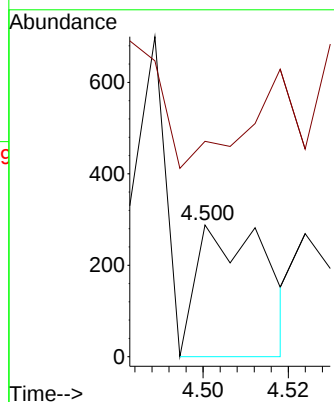
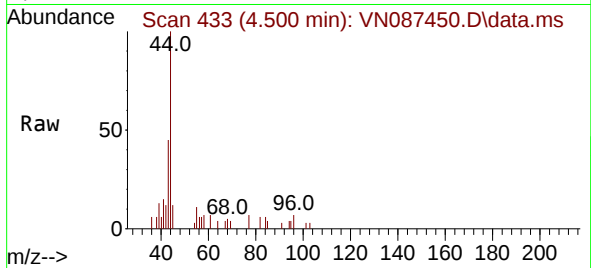




#13
Acrolein
Concen: 0.270 ug/l
RT: 4.500 min Scan# 41
Delta R.T. 0.329 min
Lab File: VN087450.D
Acq: 05 Aug 2025 12:02

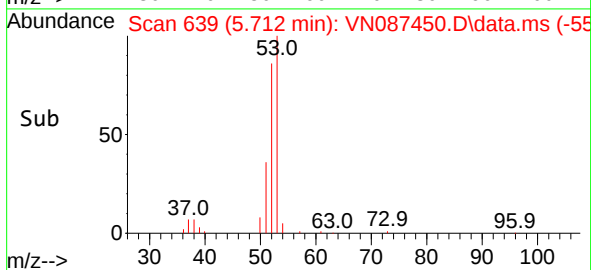
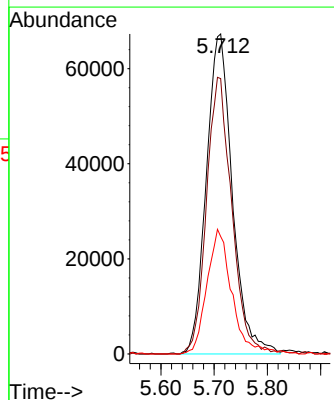
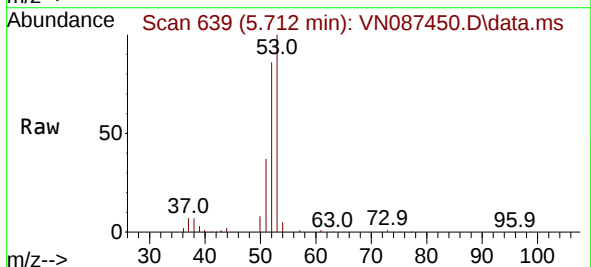
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBSD01

Tgt Ion: 56 Resp: 327
Ion Ratio Lower Upper
56 100
55 64.5 57.4 86.0



#14
Acrylonitrile
Concen: 66.063 ug/l
RT: 5.712 min Scan# 639
Delta R.T. 0.000 min
Lab File: VN087450.D
Acq: 05 Aug 2025 12:02

Tgt Ion: 53 Resp: 228675
Ion Ratio Lower Upper
53 100
52 82.9 42.4 127.2
51 36.0 18.5 55.5

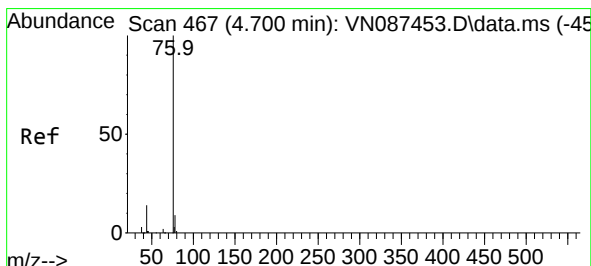
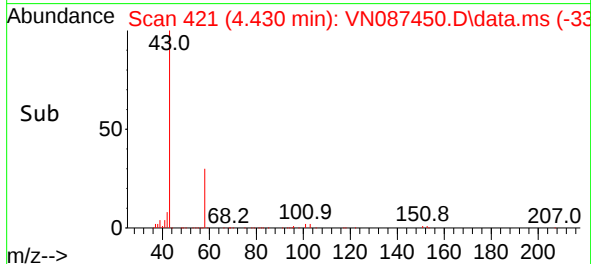
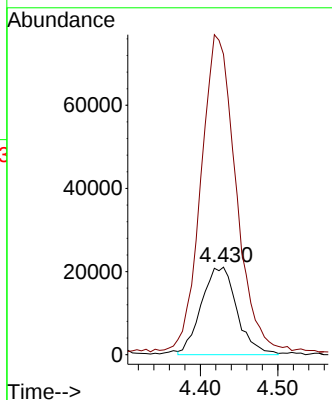
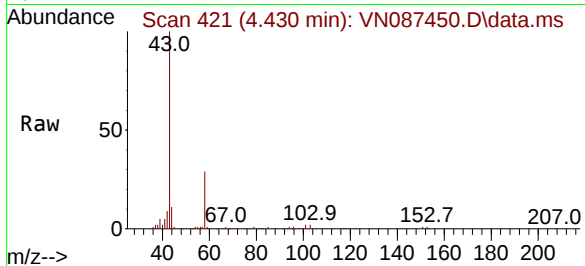




#15
Acetone
Concen: 67.739 ug/l
RT: 4.430 min Scan# 419
Delta R.T. 0.012 min
Lab File: VN087450.D
Acq: 05 Aug 2025 12:02

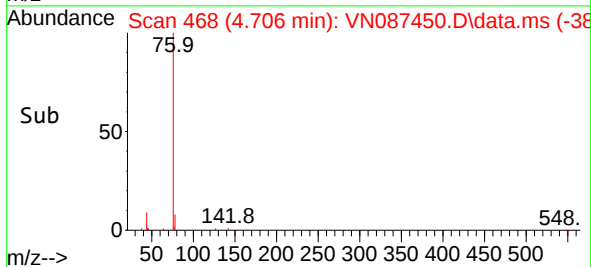
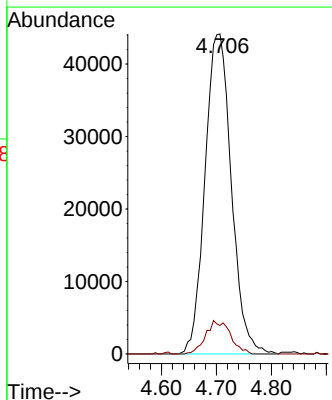
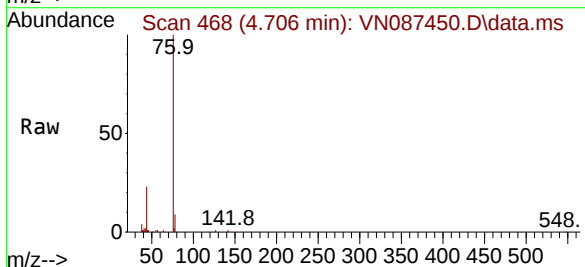
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBSD01

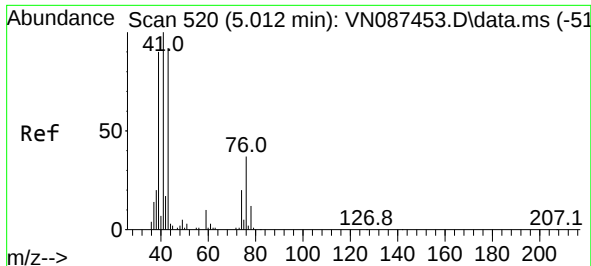
Tgt Ion: 58 Resp: 66996
Ion Ratio Lower Upper
58 100
43 338.7 268.9 403.3



#16
Carbon Disulfide
Concen: 11.047 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.006 min
Lab File: VN087450.D
Acq: 05 Aug 2025 12:02

Tgt Ion: 76 Resp: 147204
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7

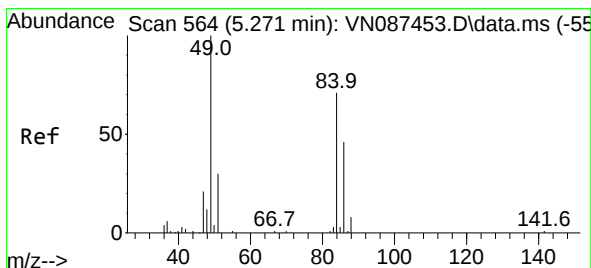
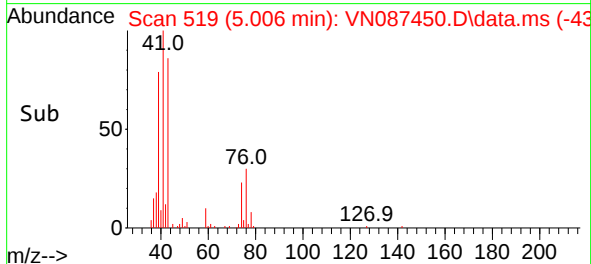
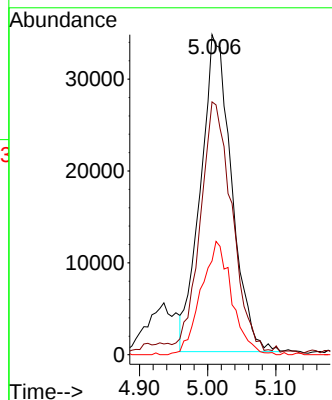
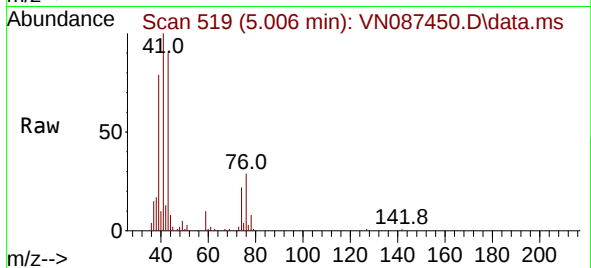




#17
Allyl chloride
Concen: 12.477 ug/l
RT: 5.006 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN087450.D
Acq: 05 Aug 2025 12:02

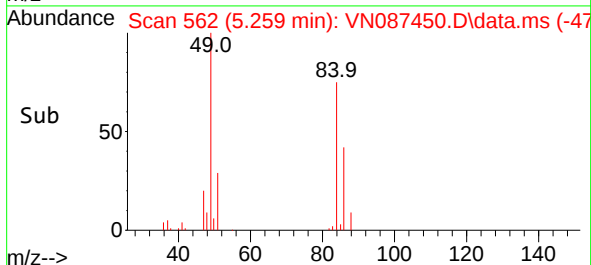
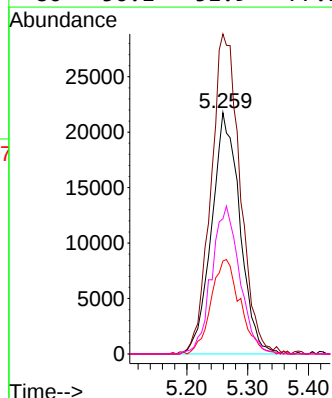
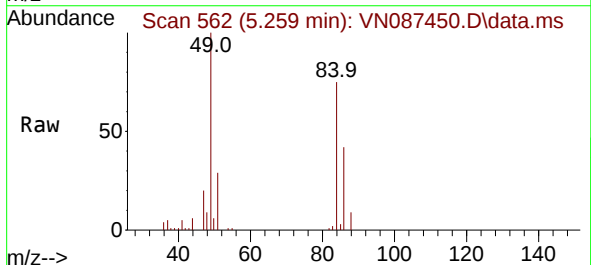
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBSD01

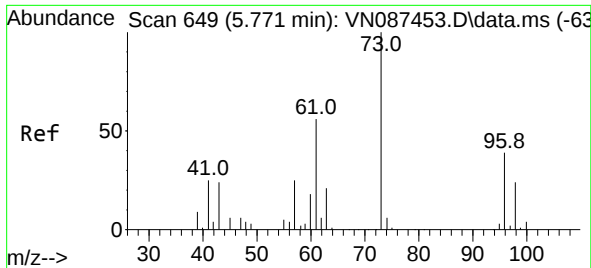
Tgt Ion: 41 Resp: 109247
Ion Ratio Lower Upper
41 100
39 79.1 42.4 127.2
76 29.6 16.9 50.6



#18
Methylene Chloride
Concen: 12.667 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.012 min
Lab File: VN087450.D
Acq: 05 Aug 2025 12:02

Tgt Ion: 84 Resp: 70049
Ion Ratio Lower Upper
84 100
49 131.8 112.9 169.3
51 38.6 33.8 50.8
86 56.1 51.9 77.9

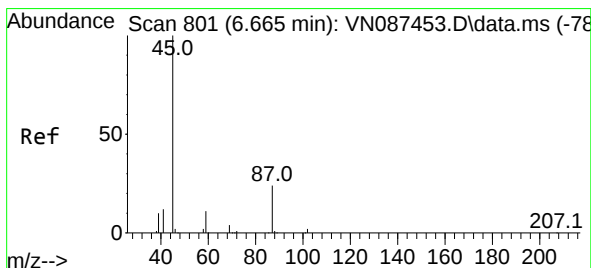
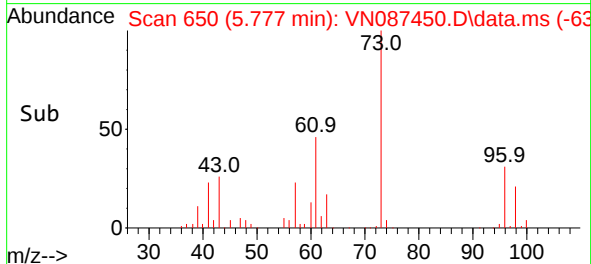
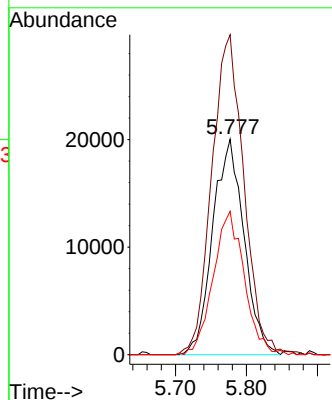
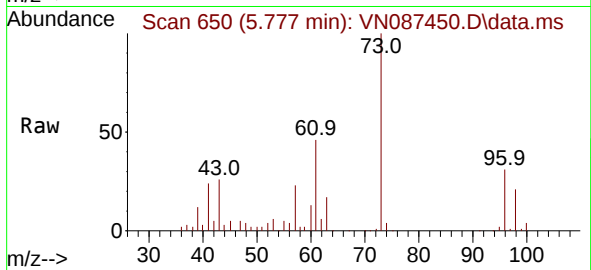




#19
trans-1,2-Dichloroethene
Concen: 11.974 ug/l
RT: 5.777 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN087450.D
Acq: 05 Aug 2025 12:02

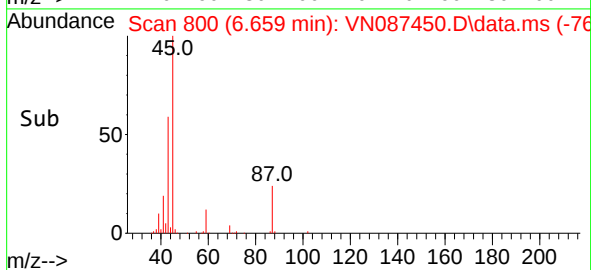
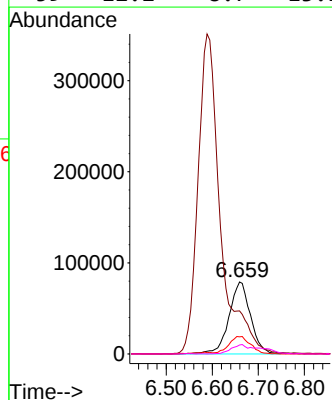
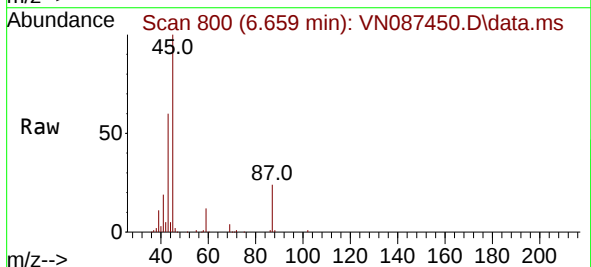
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBSD01

Tgt Ion: 96 Resp: 61166
Ion Ratio Lower Upper
96 100
61 147.6 114.2 171.4
98 65.8 48.7 73.1



#20
Diisopropyl ether
Concen: 12.827 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.006 min
Lab File: VN087450.D
Acq: 05 Aug 2025 12:02

Tgt Ion: 45 Resp: 255847
Ion Ratio Lower Upper
45 100
43 58.1 44.7 67.1
87 23.7 20.2 30.2
59 12.2 8.7 13.1

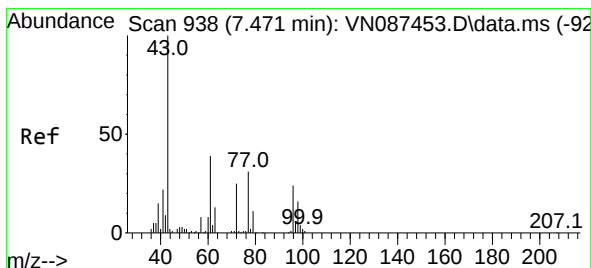
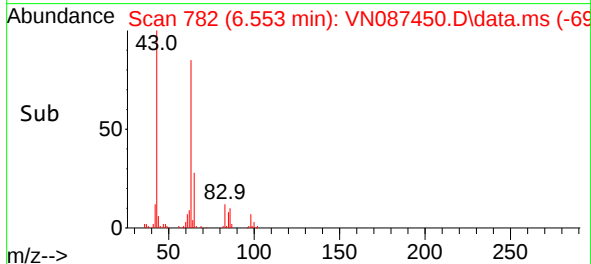
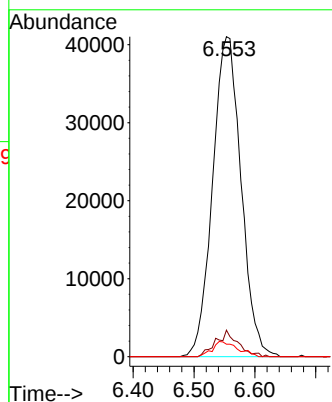
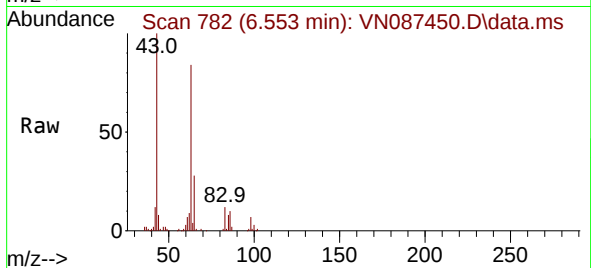




#21
1,1-Dichloroethane
Concen: 12.898 ug/l
RT: 6.553 min Scan# 782
Delta R.T. 0.000 min
Lab File: VN087450.D
Acq: 05 Aug 2025 12:02

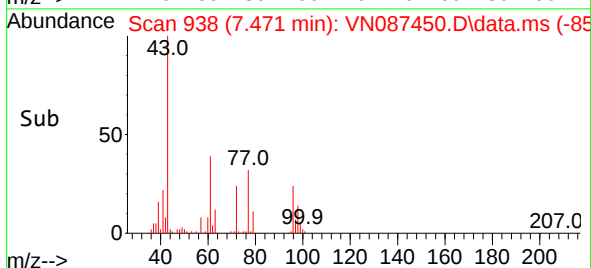
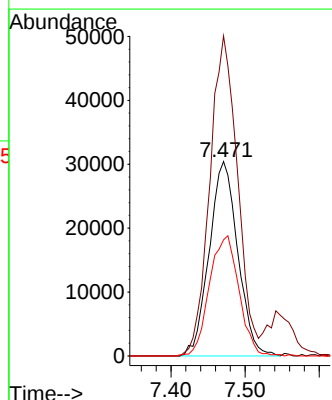
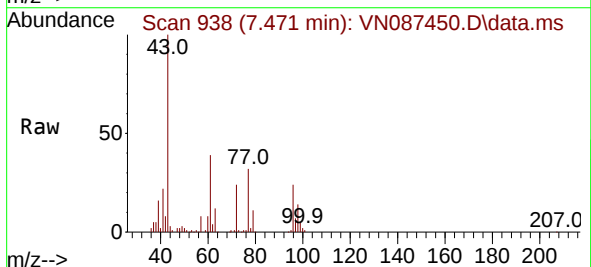
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBSD01

Tgt Ion: 63 Resp: 132984
Ion Ratio Lower Upper
63 100
98 8.3 3.0 9.0
100 3.9 1.9 5.7



#22
cis-1,2-Dichloroethene
Concen: 12.968 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN087450.D
Acq: 05 Aug 2025 12:02

Tgt Ion: 96 Resp: 81510
Ion Ratio Lower Upper
96 100
61 159.5 126.6 190.0
98 63.7 50.9 76.3





#23

tert-Butyl Alcohol

Concen: 64.856 ug/l

RT: 5.530 min Scan# 606

Delta R.T. 0.012 min

Lab File: VN087450.D

Acq: 05 Aug 2025 12:02

Instrument :

MSVOA_N

ClientSampleId :

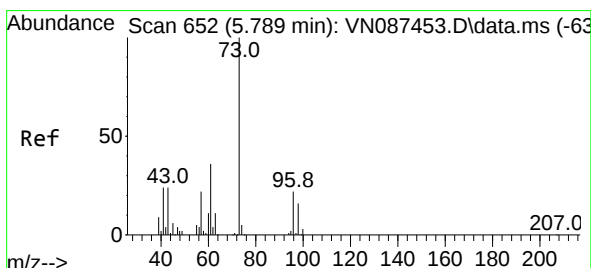
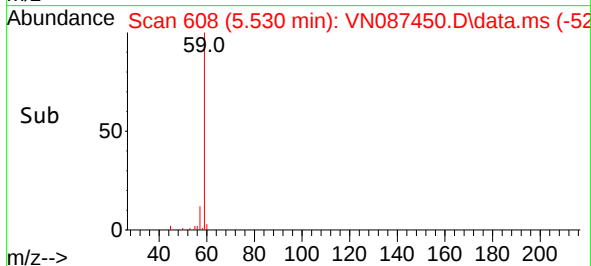
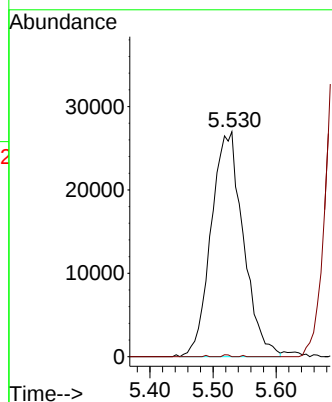
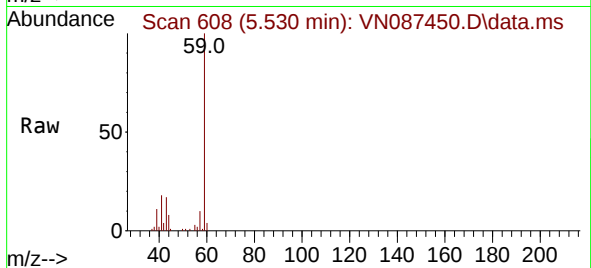
VN0805WBSD01

Tgt Ion: 59 Resp: 95396

Ion Ratio Lower Upper

59 100

52 0.2 0.0 0.0#



#24

Methyl tert-Butyl Ether

Concen: 13.119 ug/l

RT: 5.789 min Scan# 652

Delta R.T. 0.000 min

Lab File: VN087450.D

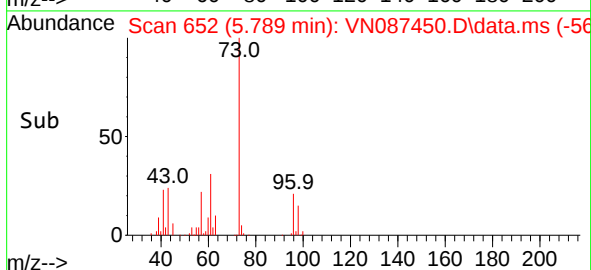
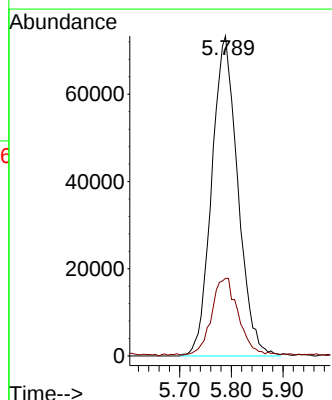
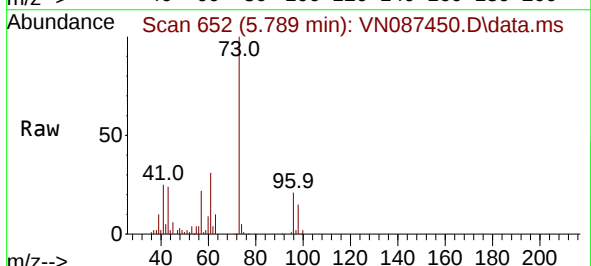
Acq: 05 Aug 2025 12:02

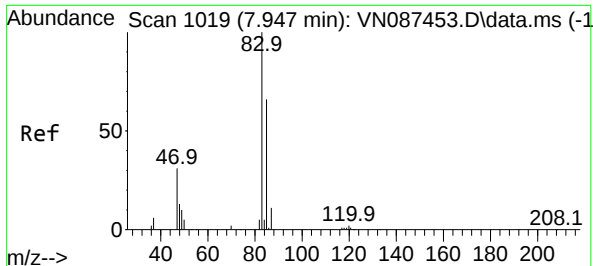
Tgt Ion: 73 Resp: 256789

Ion Ratio Lower Upper

73 100

43 24.4 19.9 29.9





#25

Chloroform

Concen: 12.855 ug/l

RT: 7.953 min Scan# 1020

Delta R.T. 0.006 min

Lab File: VN087450.D

Acq: 05 Aug 2025 12:02

Instrument :

MSVOA_N

ClientSampleId :

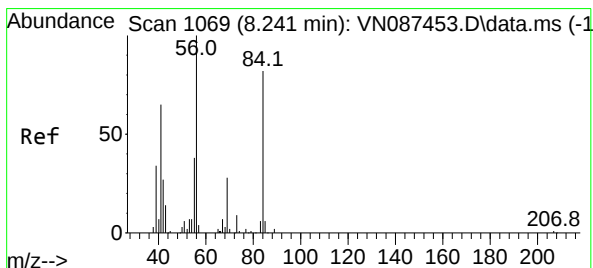
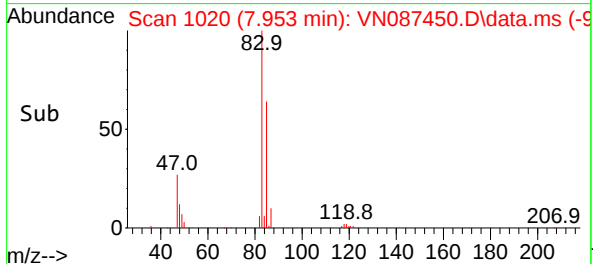
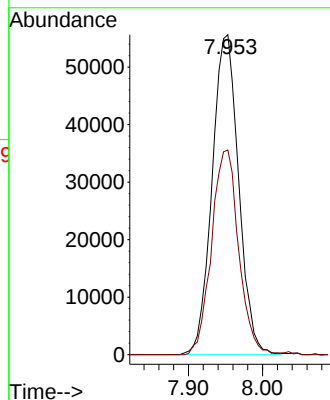
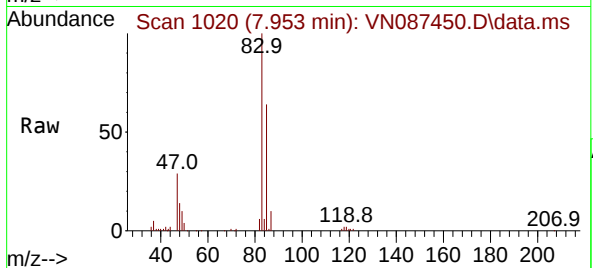
VN0805WBSD01

Tgt Ion: 83 Resp: 138345

Ion Ratio Lower Upper

83 100

85 64.0 52.6 78.8



#26

Cyclohexane

Concen: 12.152 ug/l

RT: 8.241 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VN087450.D

Acq: 05 Aug 2025 12:02

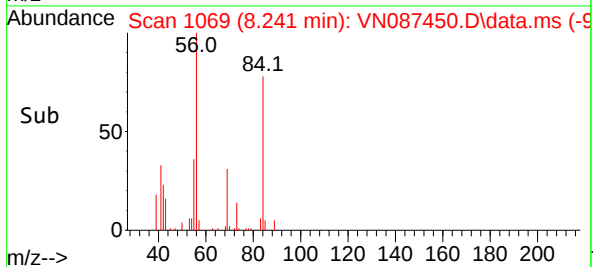
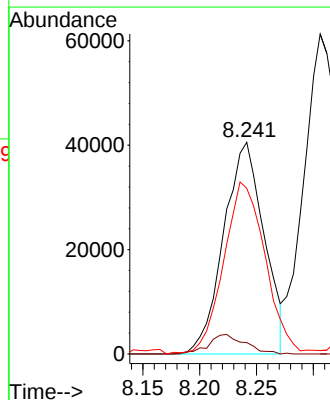
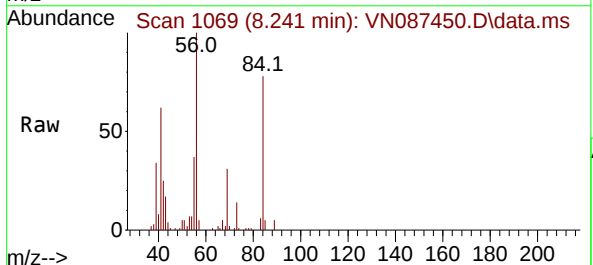
Tgt Ion: 56 Resp: 100310

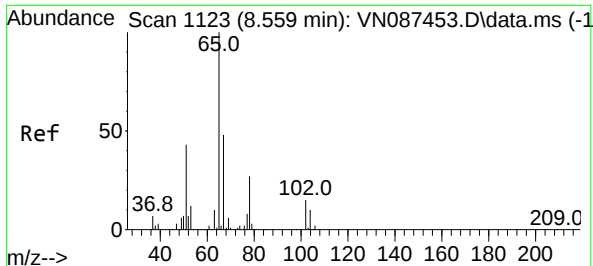
Ion Ratio Lower Upper

56 100

89 8.2 2.3 3.5#

84 82.9 67.0 100.4





#27

1,2-Dichloroethane-d4

Concen: 28.484 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN087450.D

Acq: 05 Aug 2025 12:02

Instrument :

MSVOA_N

ClientSampleId :

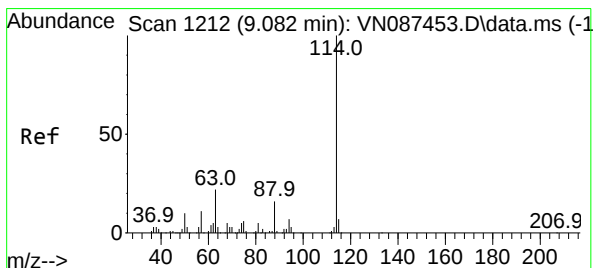
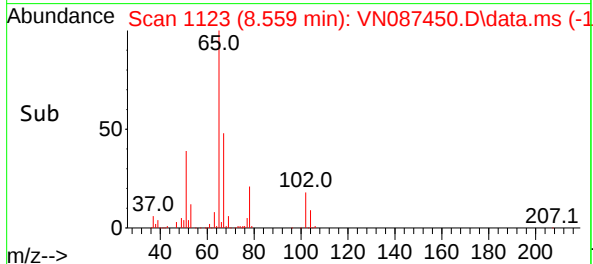
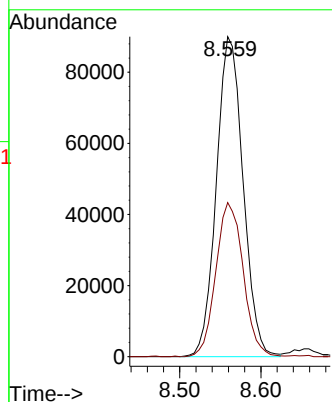
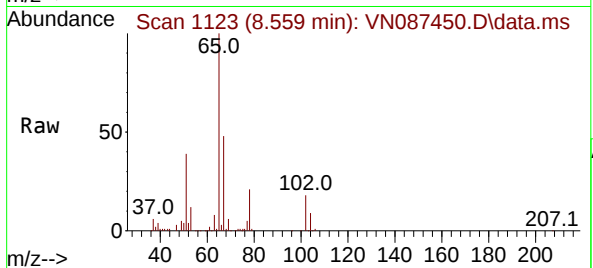
VN0805WBSD01

Tgt Ion: 65 Resp: 206057

Ion Ratio Lower Upper

65 100

67 49.2 40.8 61.2



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN087450.D

Acq: 05 Aug 2025 12:02

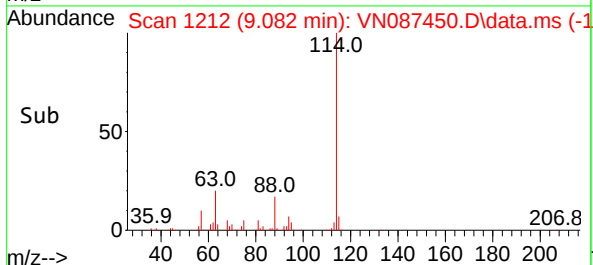
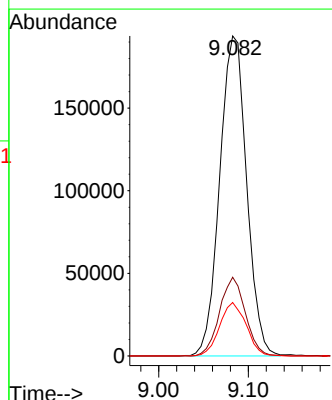
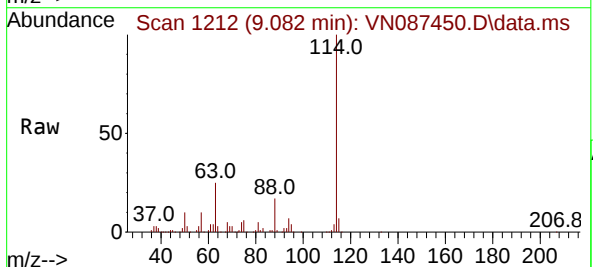
Tgt Ion: 114 Resp: 403979

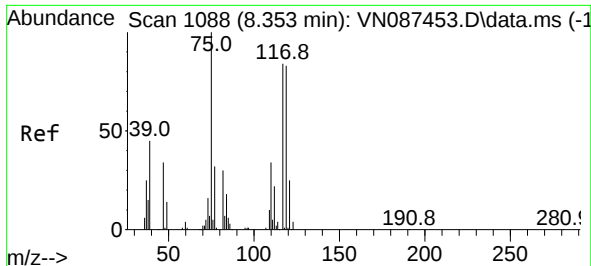
Ion Ratio Lower Upper

114 100

63 23.6 18.9 28.3

88 16.4 13.1 19.7

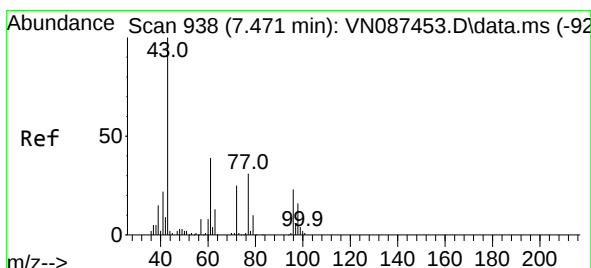
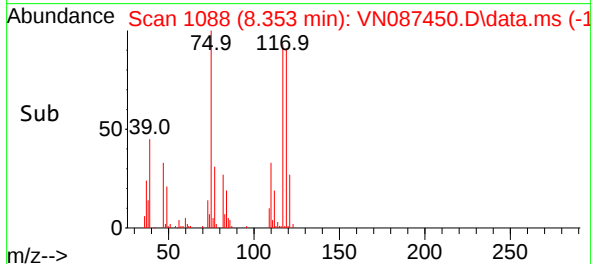
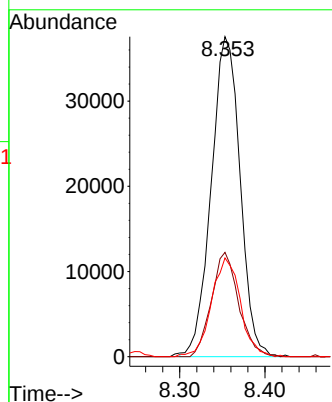
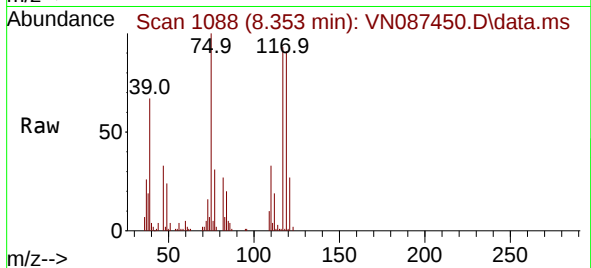




#29
1,1-Dichloropropene
Concen: 13.405 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN087450.D
Acq: 05 Aug 2025 12:02

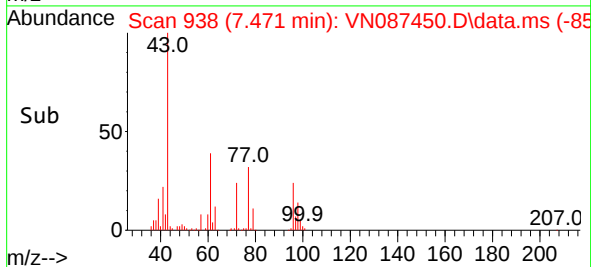
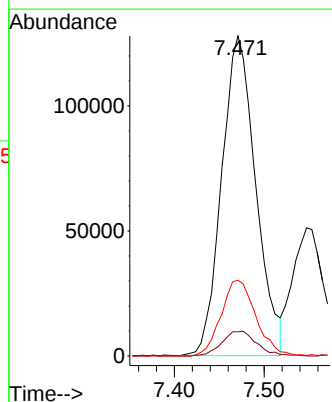
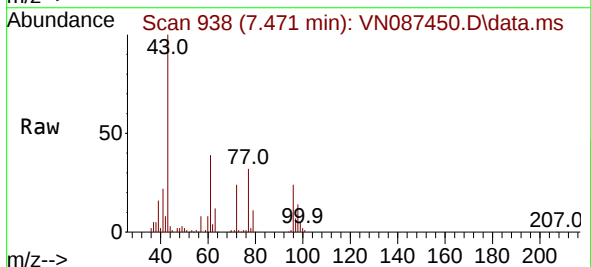
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBSD01

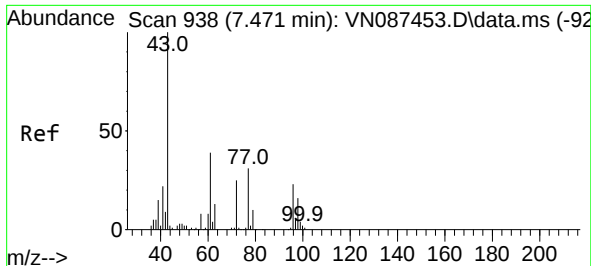
Tgt Ion: 75 Resp: 88324
Ion Ratio Lower Upper
75 100
110 30.9 0.0 65.8
77 30.9 0.0 63.6



#30
2-Butanone
Concen: 69.521 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN087450.D
Acq: 05 Aug 2025 12:02

Tgt Ion: 43 Resp: 337650
Ion Ratio Lower Upper
43 100
57 7.9 6.6 9.8
72 24.2 19.7 29.5

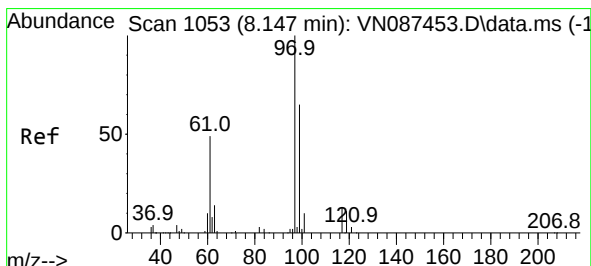
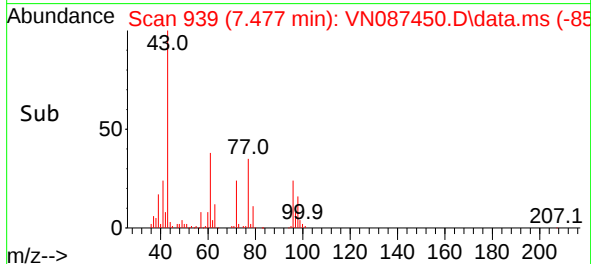
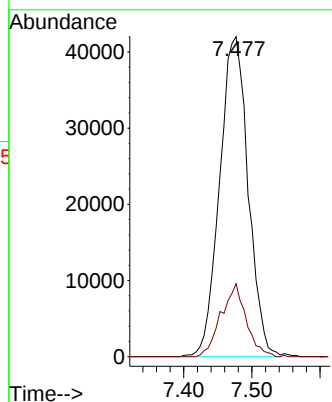
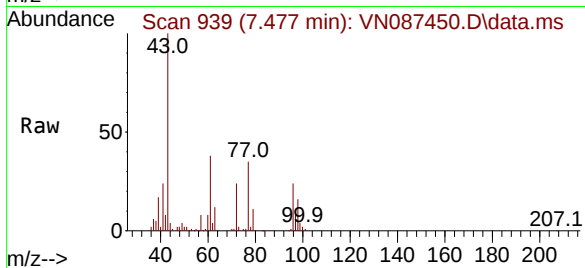




#31
2,2-Dichloropropane
Concen: 14.412 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087450.D
Acq: 05 Aug 2025 12:02

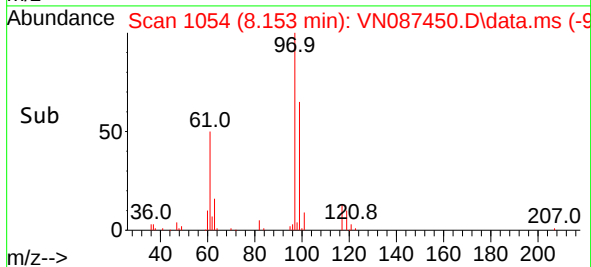
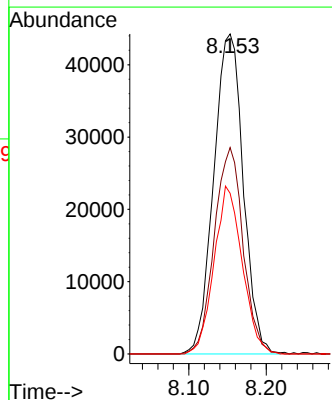
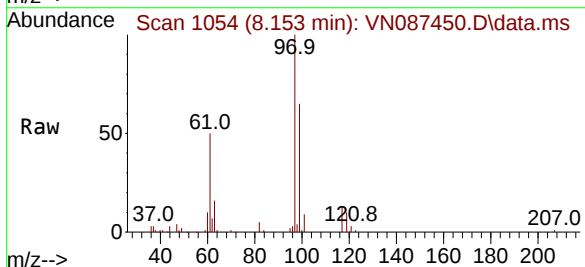
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBSD01

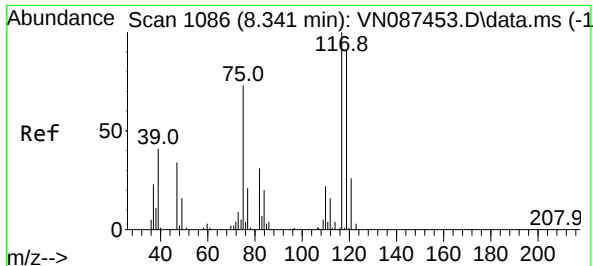
Tgt Ion: 77 Resp: 122475
Ion Ratio Lower Upper
77 100
97 20.0 16.7 25.1



#32
1,1,1-Trichloroethane
Concen: 13.969 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN087450.D
Acq: 05 Aug 2025 12:02

Tgt Ion: 97 Resp: 117389
Ion Ratio Lower Upper
97 100
99 62.8 53.0 79.6
61 50.0 40.6 61.0

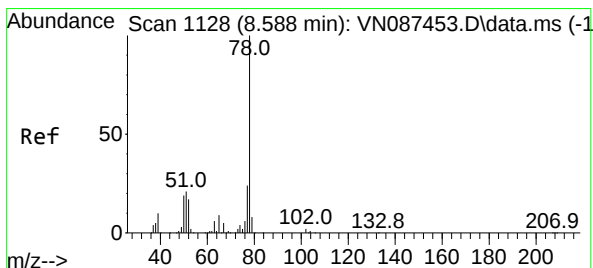
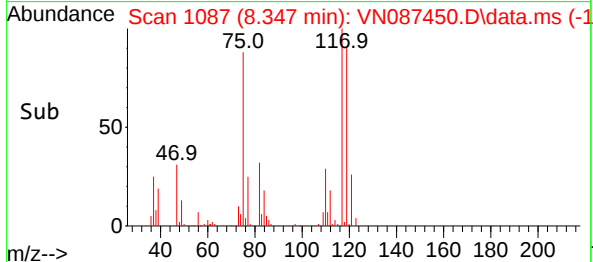
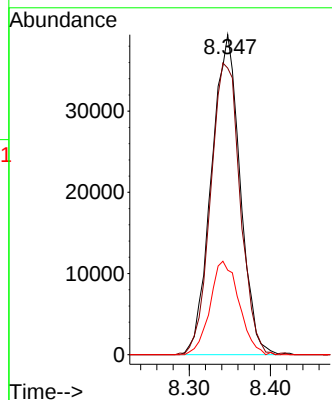
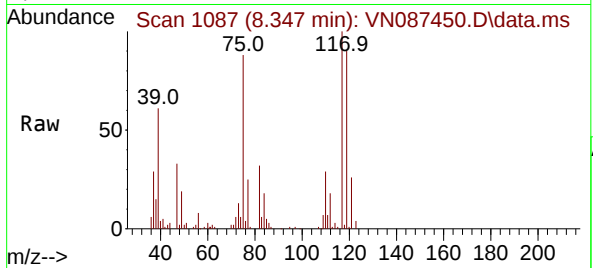




#33
Carbon Tetrachloride
Concen: 13.874 ug/l
RT: 8.347 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VN087450.D
Acq: 05 Aug 2025 12:02

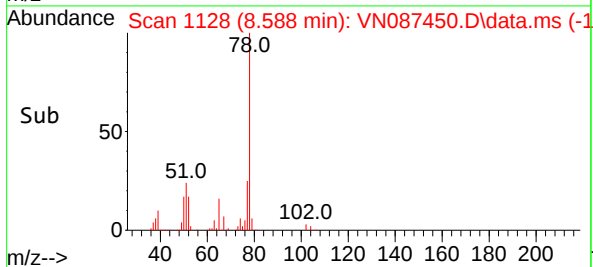
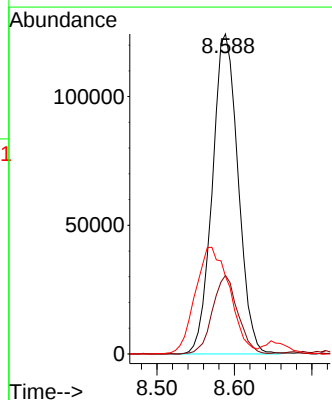
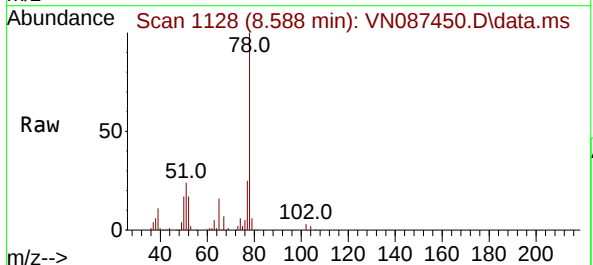
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBSD01

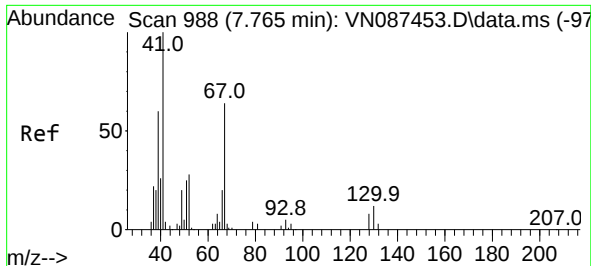
Tgt Ion:117 Resp: 96859
Ion Ratio Lower Upper
117 100
119 89.1 73.4 110.0
121 26.4 21.1 31.7



#34
Benzene
Concen: 13.784 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN087450.D
Acq: 05 Aug 2025 12:02

Tgt Ion: 78 Resp: 286694
Ion Ratio Lower Upper
78 100
77 24.6 19.2 28.8
51 21.7 16.9 25.3

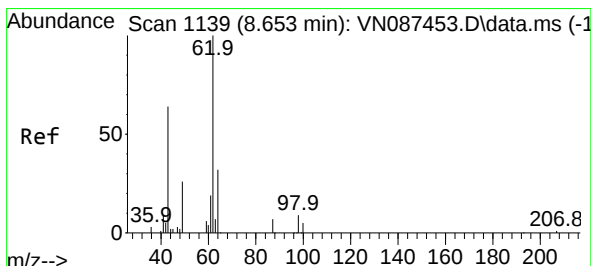
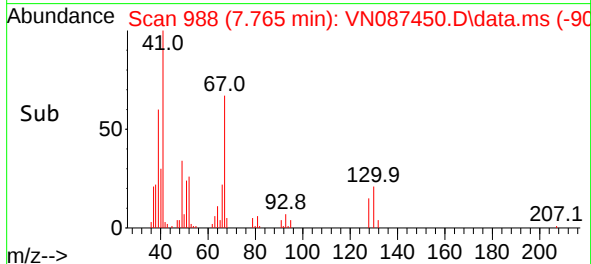
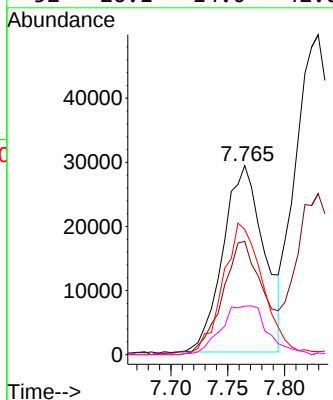
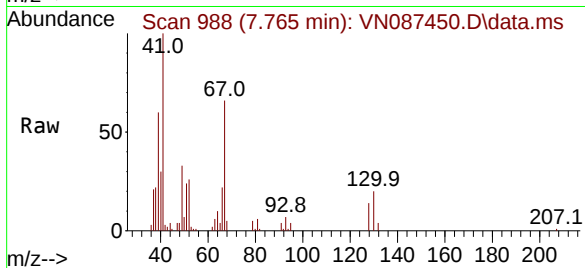




#35
Methacrylonitrile
Concen: 13.942 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087450.D
Acq: 05 Aug 2025 12:02

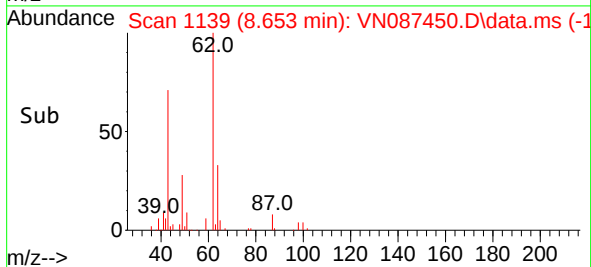
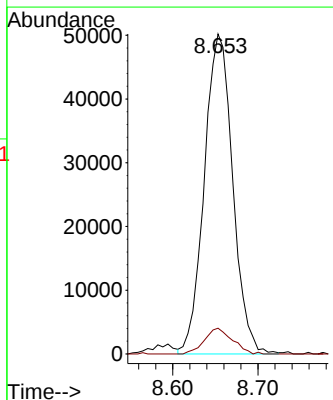
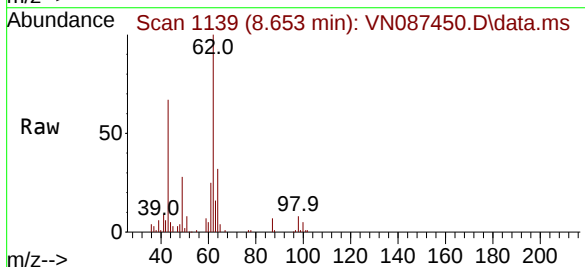
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBSD01

Tgt Ion:	41	Resp:	73070
Ion	Ratio	Lower	Upper
41	100		
39	59.4	30.1	90.5
67	67.2	32.0	96.2
52	26.1	14.0	42.0



#36
1,2-Dichloroethane
Concen: 13.846 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087450.D
Acq: 05 Aug 2025 12:02

Tgt Ion:	62	Resp:	116393
Ion	Ratio	Lower	Upper
62	100		
98	7.8	6.6	9.8

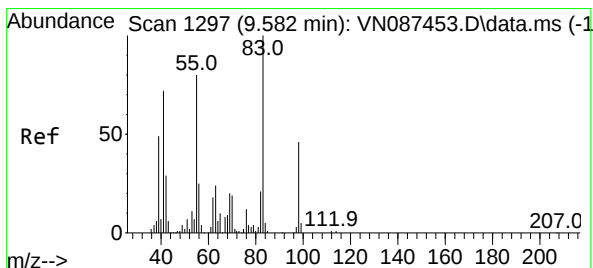
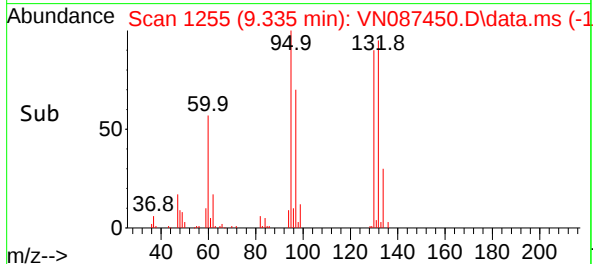
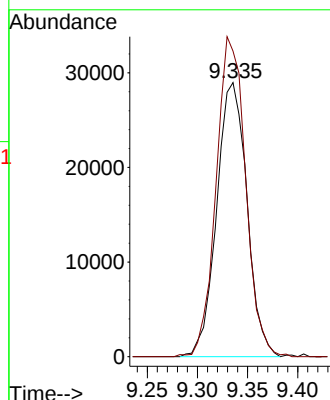
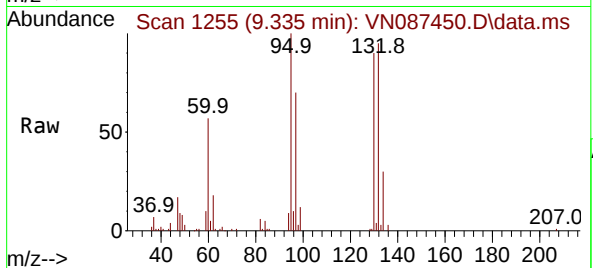




#37
Trichloroethene
Concen: 13.265 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN087450.D
Acq: 05 Aug 2025 12:02

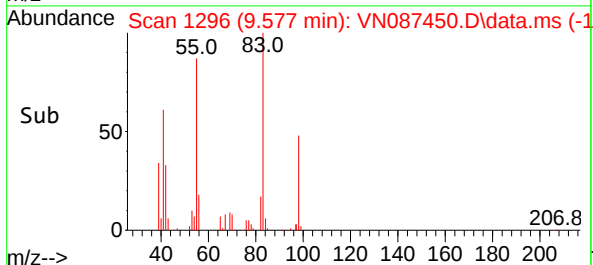
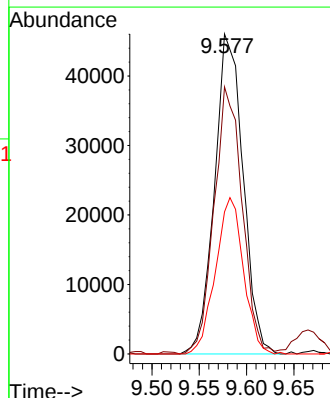
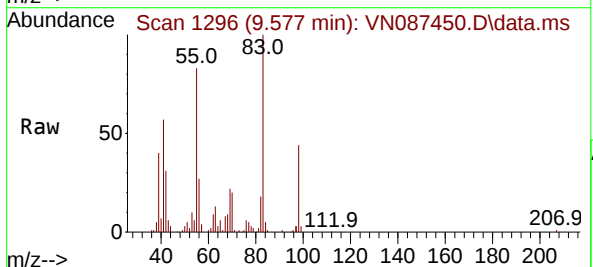
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBSD01

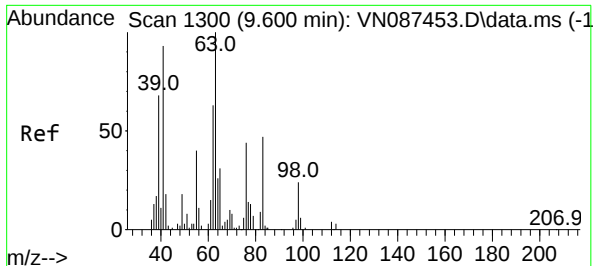
Tgt Ion:130 Resp: 60775
Ion Ratio Lower Upper
130 100
95 110.8 91.4 137.2



#38
Methylcyclohexane
Concen: 12.637 ug/l
RT: 9.577 min Scan# 1296
Delta R.T. -0.006 min
Lab File: VN087450.D
Acq: 05 Aug 2025 12:02

Tgt Ion: 83 Resp: 96592
Ion Ratio Lower Upper
83 100
55 82.1 41.2 123.6
98 48.0 23.3 69.9





#39

1,2-Dichloropropane

Concen: 13.978 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN087450.D

Acq: 05 Aug 2025 12:02

Instrument :

MSVOA_N

ClientSampleId :

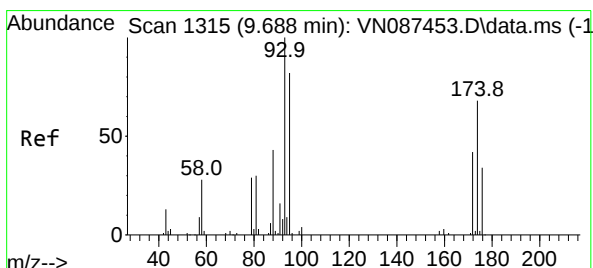
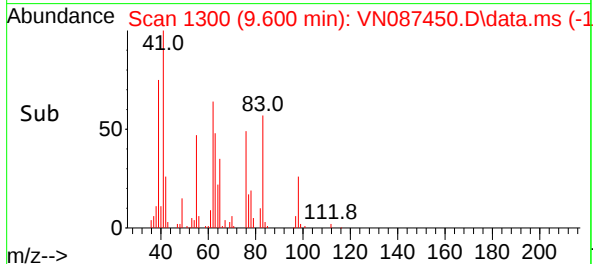
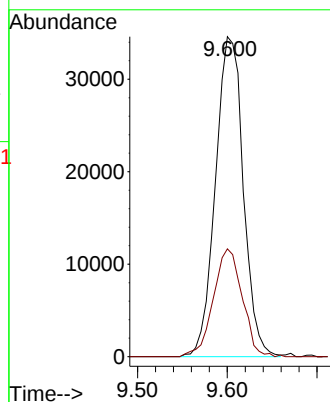
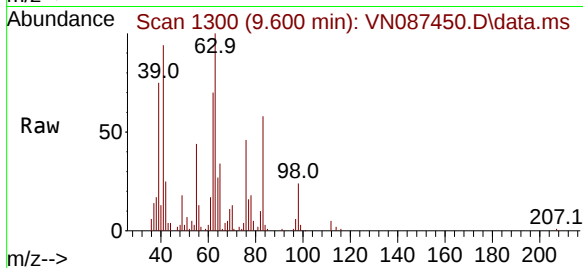
VN0805WBSD01

Tgt Ion: 63 Resp: 74539

Ion Ratio Lower Upper

63 100

65 33.7 24.6 36.8



#40

Dibromomethane

Concen: 13.736 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN087450.D

Acq: 05 Aug 2025 12:02

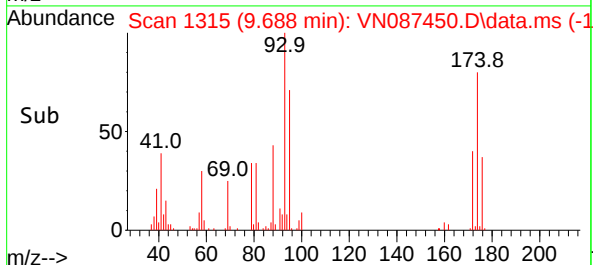
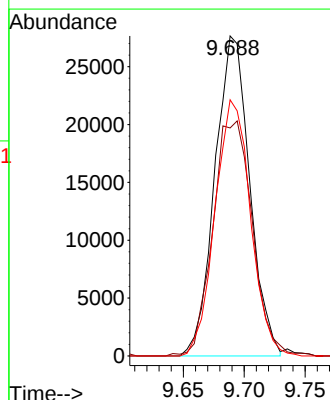
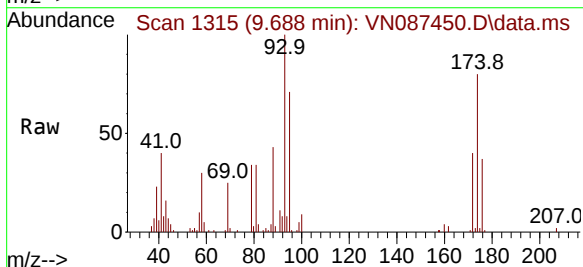
Tgt Ion: 93 Resp: 54961

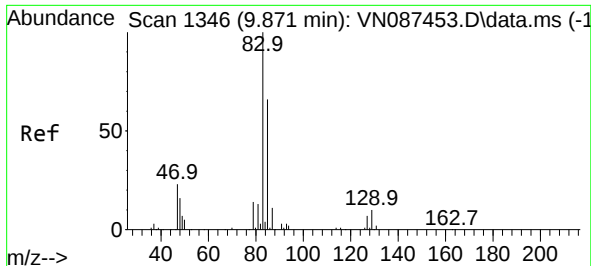
Ion Ratio Lower Upper

93 100

95 83.1 0.0 161.6

174 81.9 0.0 151.4

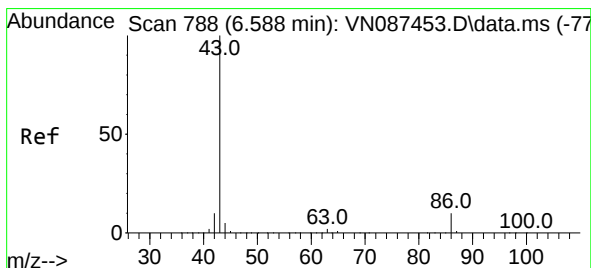
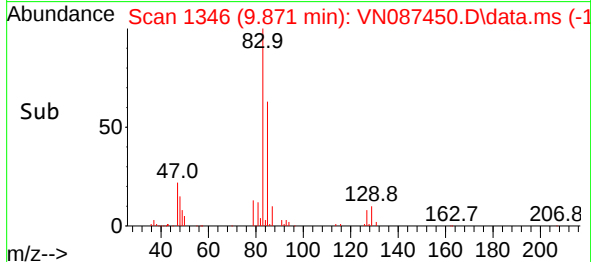
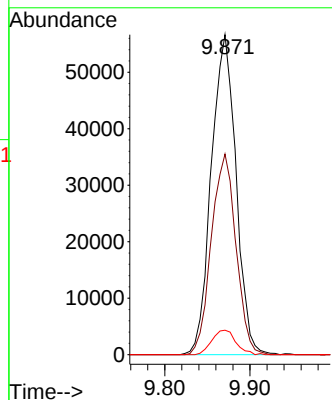
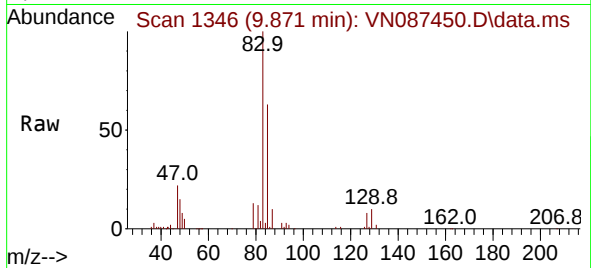




#41
Bromodichloromethane
Concen: 13.715 ug/l
RT: 9.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087450.D
Acq: 05 Aug 2025 12:02

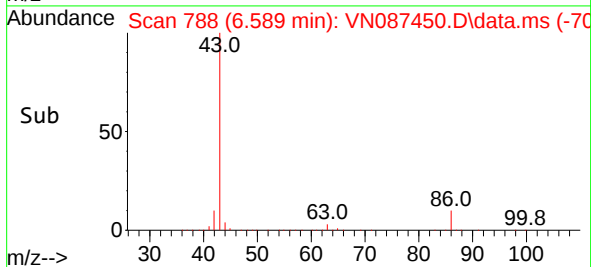
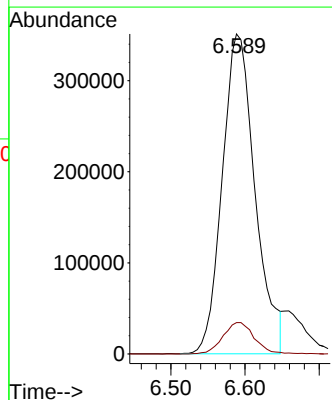
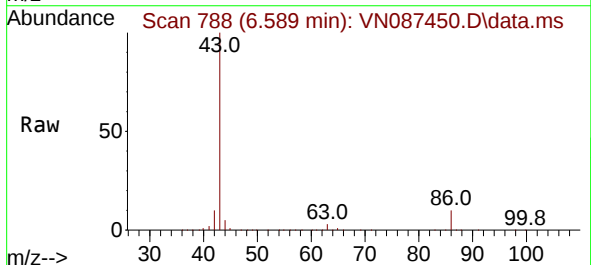
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBSD01

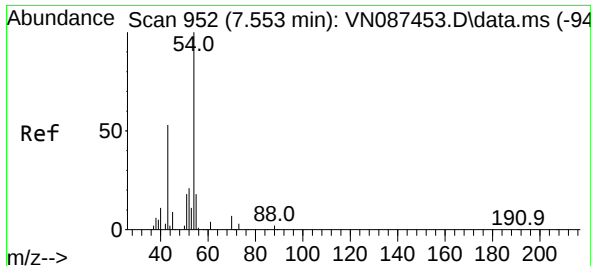
Tgt Ion: 83 Resp: 114030
Ion Ratio Lower Upper
83 100
85 62.7 52.9 79.3
127 7.7 5.8 8.6



#42
Vinyl Acetate
Concen: 67.503 ug/l
RT: 6.589 min Scan# 788
Delta R.T. 0.000 min
Lab File: VN087450.D
Acq: 05 Aug 2025 12:02

Tgt Ion: 43 Resp: 1079665
Ion Ratio Lower Upper
43 100
86 9.4 7.3 10.9

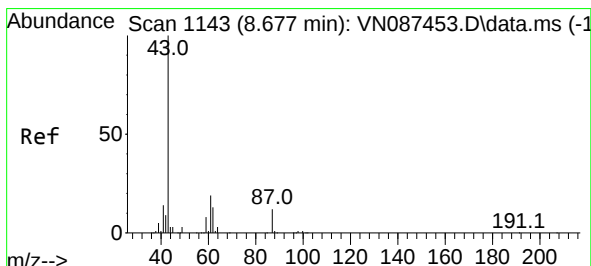
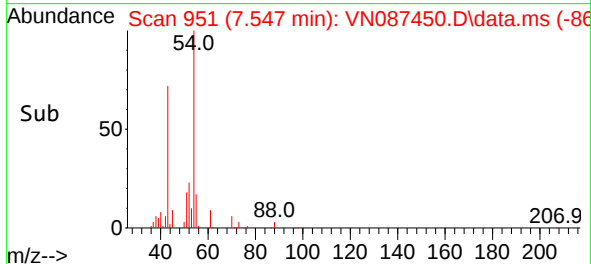
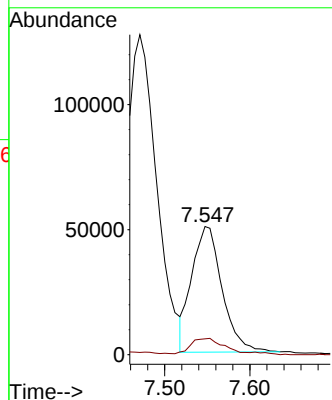
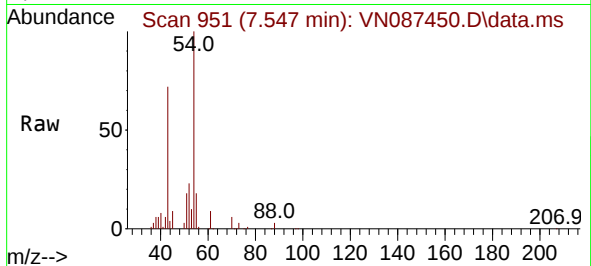




#43
Ethyl Acetate
Concen: 13.258 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087450.D
Acq: 05 Aug 2025 12:02

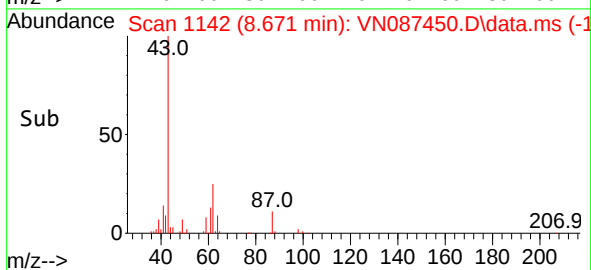
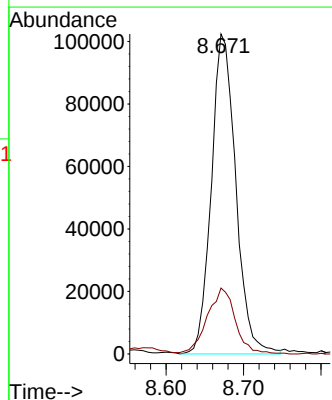
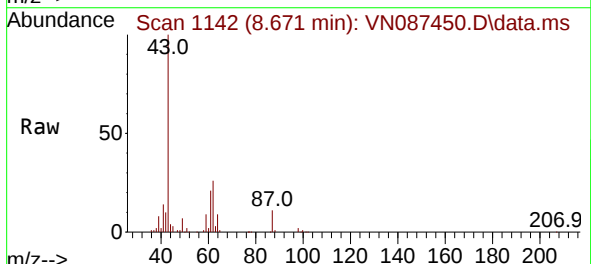
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBSD01

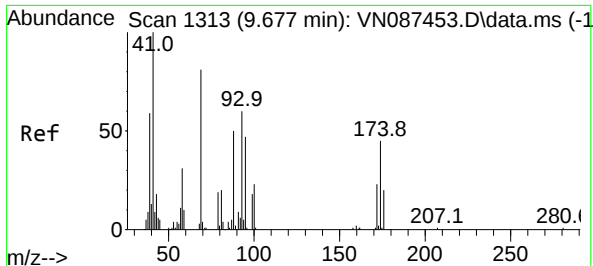
Tgt Ion: 43 Resp: 124400
Ion Ratio Lower Upper
43 100
45 12.8 11.1 16.7



#44
Isopropyl Acetate
Concen: 14.111 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN087450.D
Acq: 05 Aug 2025 12:02

Tgt Ion: 43 Resp: 224436
Ion Ratio Lower Upper
43 100
61 23.0 18.6 28.0





#45

1,4-Dioxane

Concen: 300.860 ug/l

RT: 9.682 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087450.D

Acq: 05 Aug 2025 12:02

Instrument :

MSVOA_N

ClientSampleId :

VN0805WBSD01

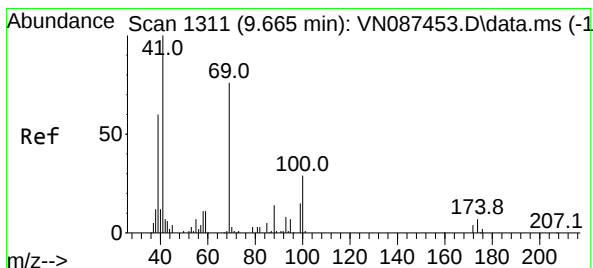
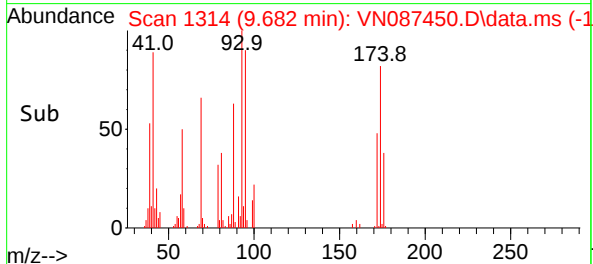
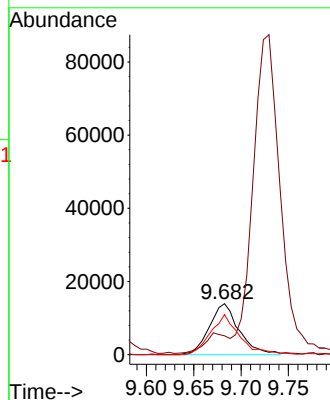
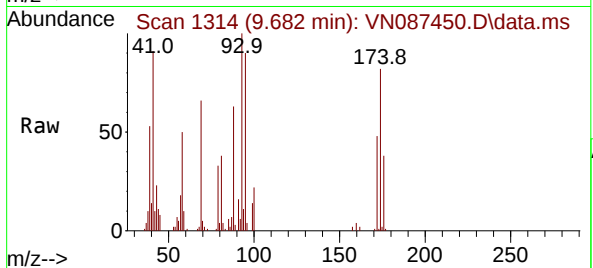
Tgt Ion: 88 Resp: 30505

Ion Ratio Lower Upper

88 100

43 31.4 24.1 36.1

58 70.1 57.2 85.8



#46

Methyl methacrylate

Concen: 13.889 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VN087450.D

Acq: 05 Aug 2025 12:02

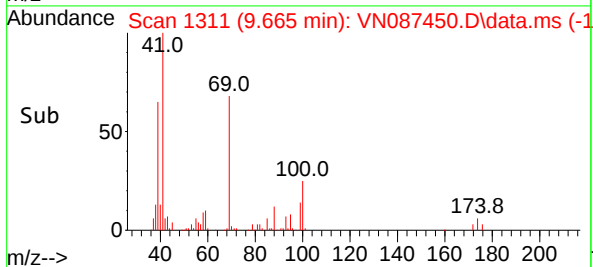
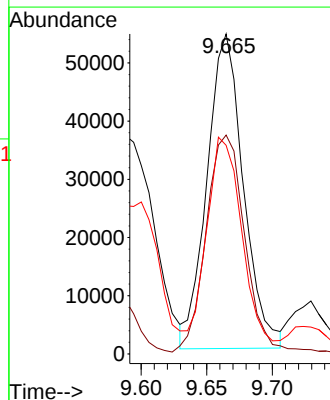
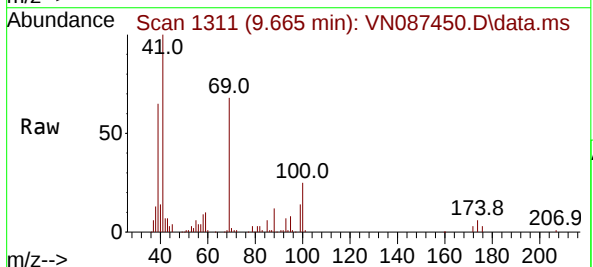
Tgt Ion: 41 Resp: 104273

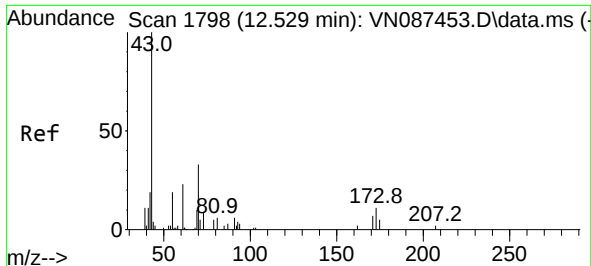
Ion Ratio Lower Upper

41 100

69 70.8 37.1 111.5

39 65.6 30.7 92.1

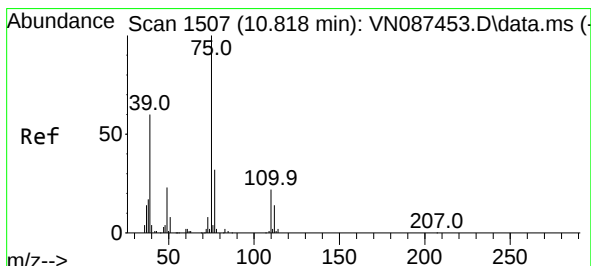
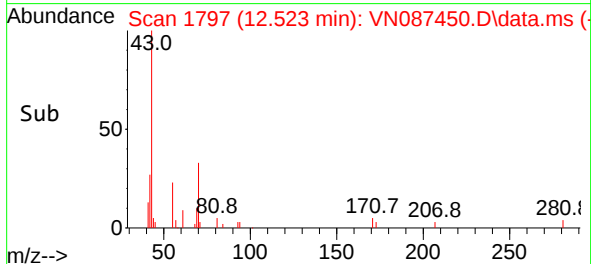
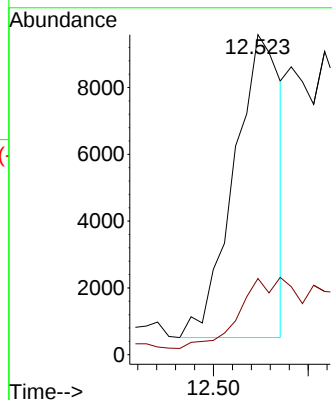
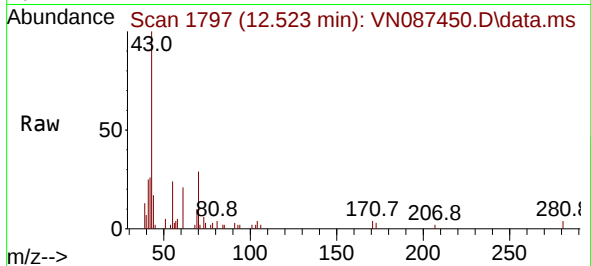




#47
n-amy1 Acetate
Concen: 1.753 ug/l
RT: 12.523 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087450.D
Acq: 05 Aug 2025 12:02

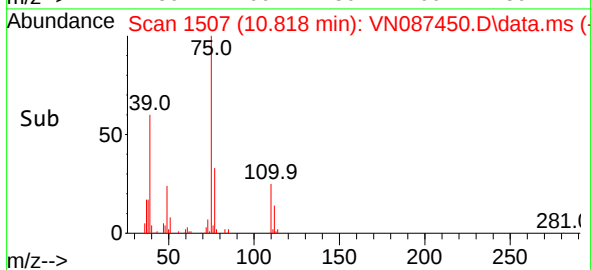
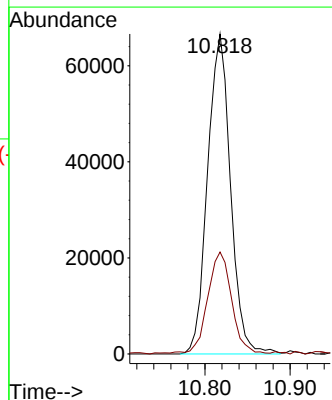
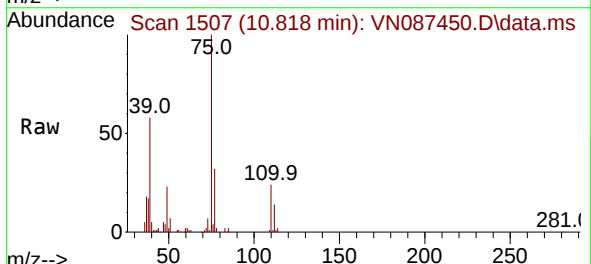
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBSD01

Tgt Ion: 43 Resp: 15401
Ion Ratio Lower Upper
43 100
55 12.8 4.6 6.8#



#48
t-1,3-Dichloropropene
Concen: 13.771 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VN087450.D
Acq: 05 Aug 2025 12:02

Tgt Ion: 75 Resp: 124561
Ion Ratio Lower Upper
75 100
77 31.4 25.3 37.9





#49

cis-1,3-Dichloropropene

Concen: 14.041 ug/l

RT: 10.288 min Scan# 1417

Delta R.T. -0.006 min

Lab File: VN087450.D

Acq: 05 Aug 2025 12:02

Instrument :

MSVOA_N

ClientSampleId :

VN0805WBSD01

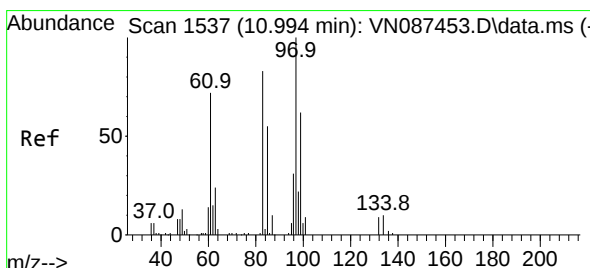
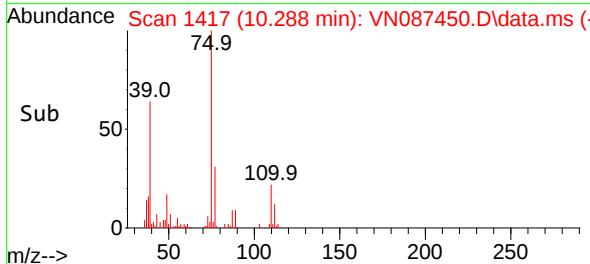
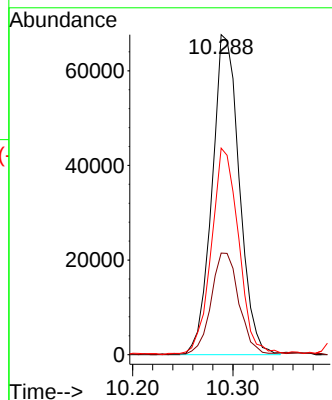
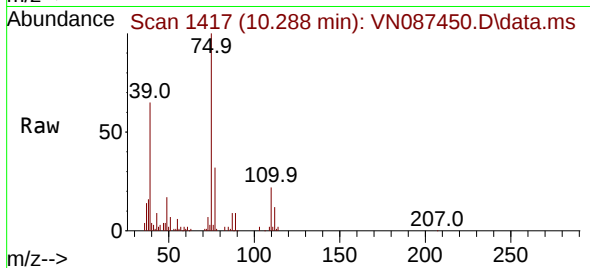
Tgt Ion: 75 Resp: 127816

Ion Ratio Lower Upper

75 100

77 31.5 24.6 36.8

39 64.2 51.5 77.3



#50

1,1,2-Trichloroethane

Concen: 14.167 ug/l

RT: 11.000 min Scan# 1538

Delta R.T. 0.006 min

Lab File: VN087450.D

Acq: 05 Aug 2025 12:02

Tgt Ion: 97 Resp: 71617

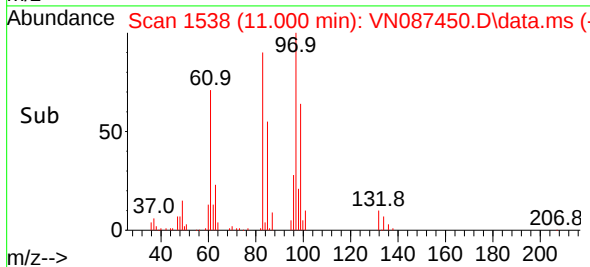
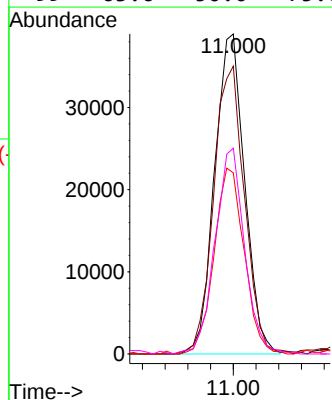
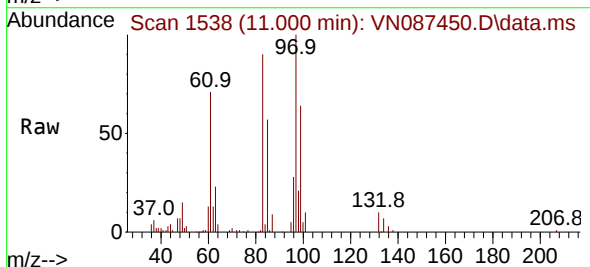
Ion Ratio Lower Upper

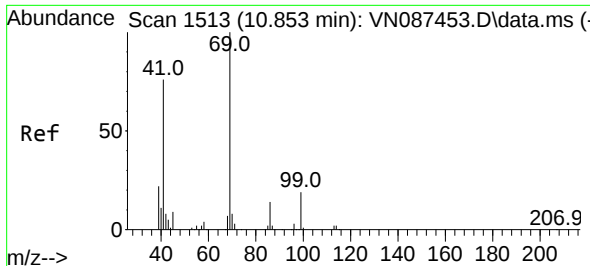
97 100

83 89.4 66.2 99.2

85 56.6 43.9 65.9

99 63.6 50.0 75.0

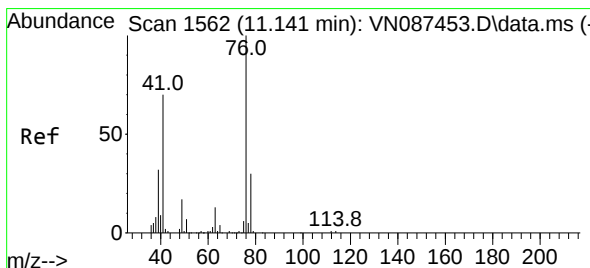
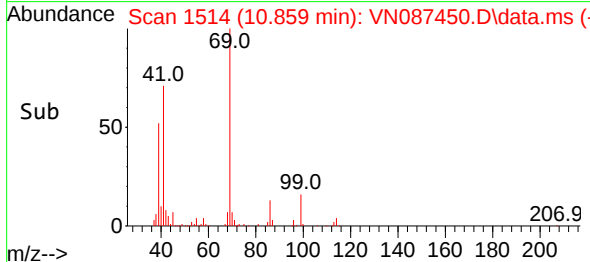
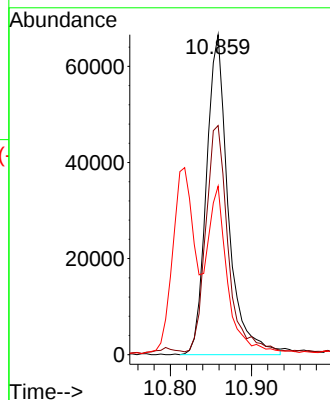
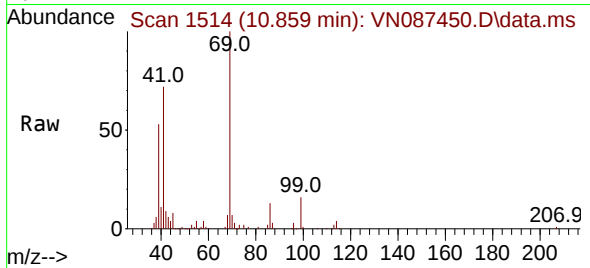




#51
Ethyl methacrylate
Concen: 14.030 ug/l
RT: 10.859 min Scan# 1513
Delta R.T. 0.006 min
Lab File: VN087450.D
Acq: 05 Aug 2025 12:02

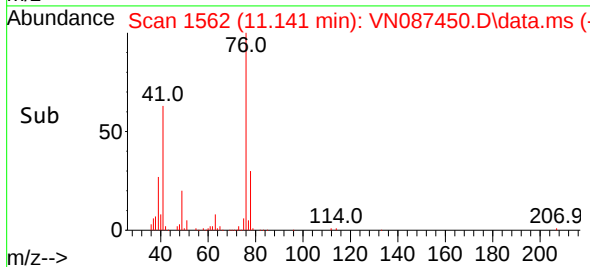
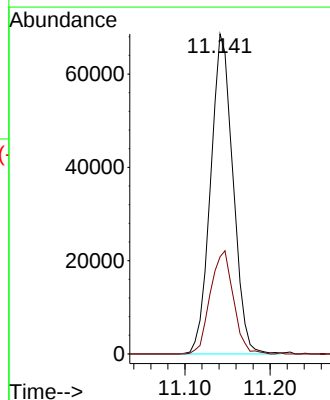
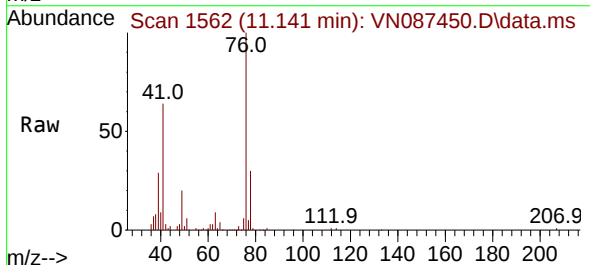
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBSD01

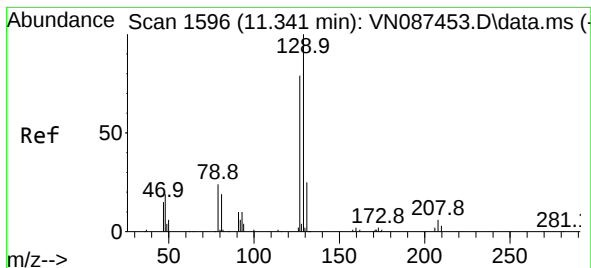
Tgt Ion: 69 Resp: 124909
Ion Ratio Lower Upper
69 100
41 70.4 38.0 114.1
39 51.4 23.2 69.5



#52
1,3-Dichloropropane
Concen: 13.771 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN087450.D
Acq: 05 Aug 2025 12:02

Tgt Ion: 76 Resp: 125417
Ion Ratio Lower Upper
76 100
78 32.8 0.0 63.0

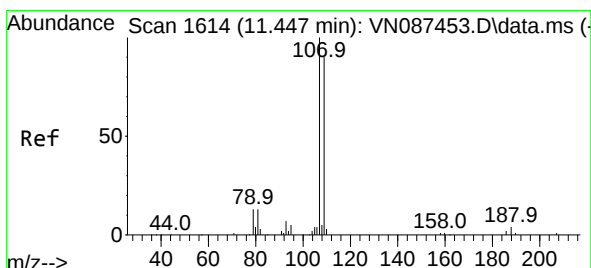
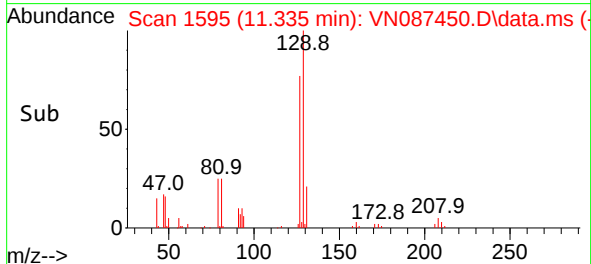
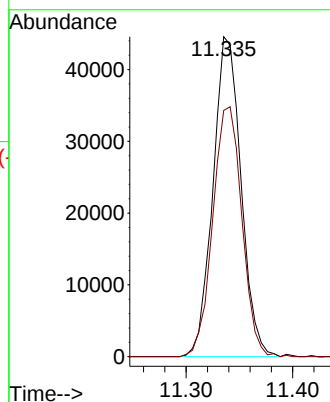
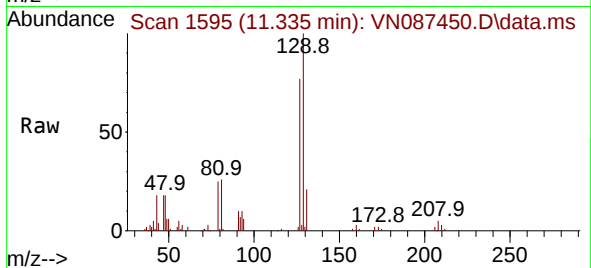




#53
Dibromochloromethane
Concen: 13.955 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.006 min
Lab File: VN087450.D
Acq: 05 Aug 2025 12:02

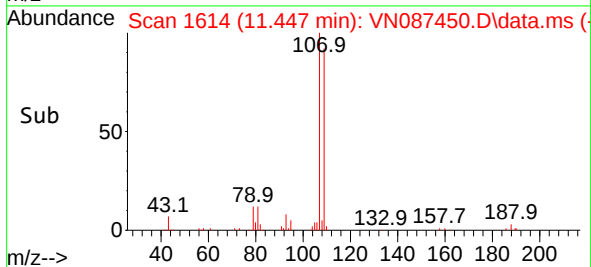
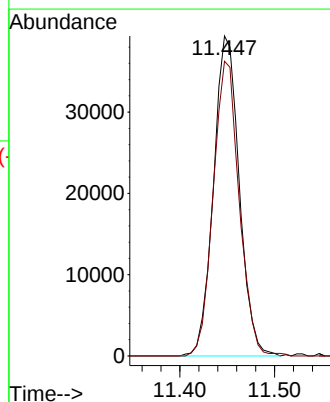
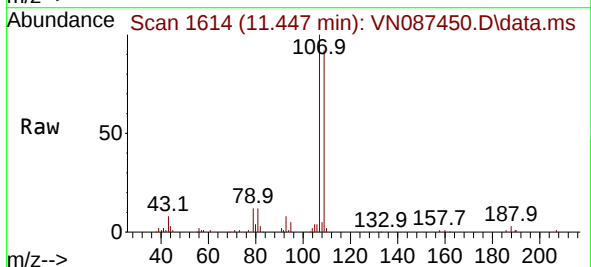
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBSD01

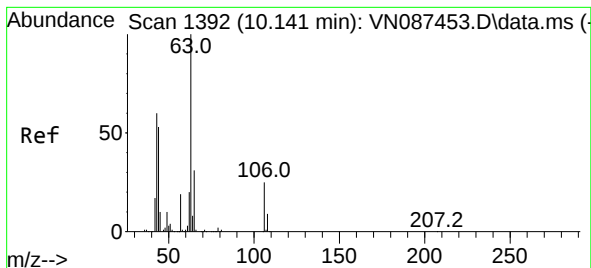
Tgt Ion:129 Resp: 81472
Ion Ratio Lower Upper
129 100
127 80.9 39.1 117.3



#54
1,2-Dibromoethane
Concen: 13.838 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN087450.D
Acq: 05 Aug 2025 12:02

Tgt Ion:107 Resp: 74260
Ion Ratio Lower Upper
107 100
109 92.8 74.2 111.4

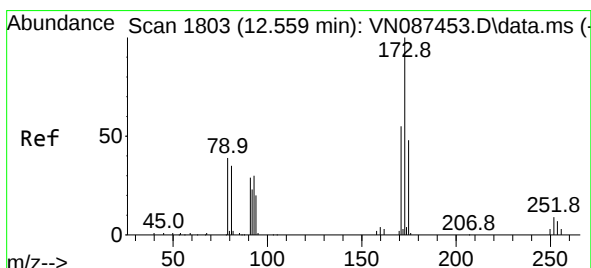
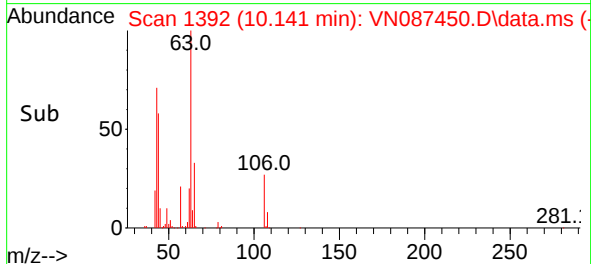
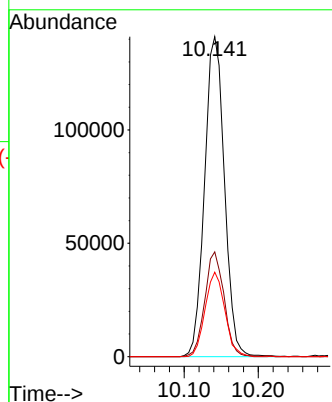
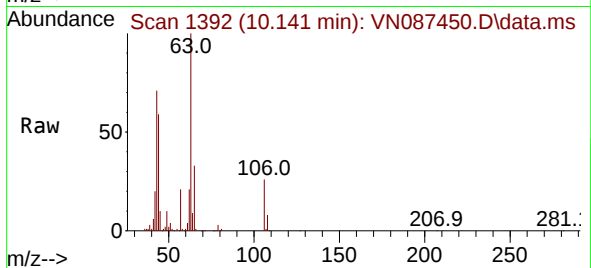




#55
2-Chloroethyl vinyl ether
Concen: 56.118 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN087450.D
Acq: 05 Aug 2025 12:02

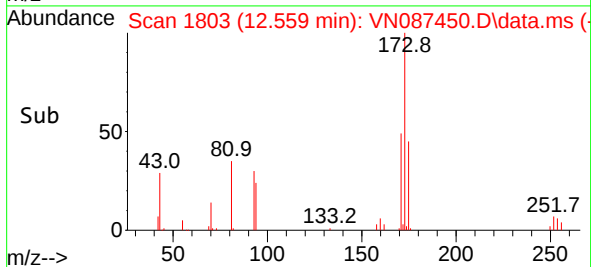
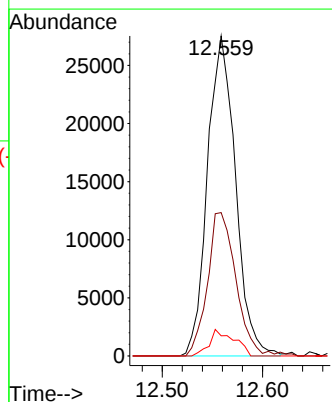
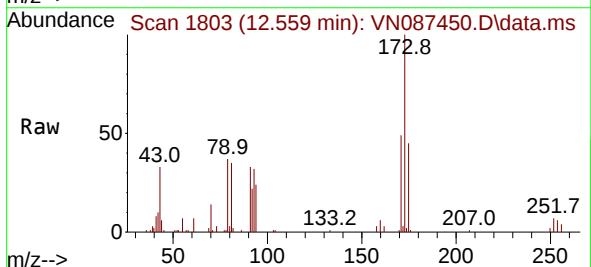
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBSD01

Tgt Ion: 63 Resp: 263019
Ion Ratio Lower Upper
63 100
65 31.8 25.7 38.5
106 26.1 20.7 31.1



#56
Bromoform
Concen: 13.847 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN087450.D
Acq: 05 Aug 2025 12:02

Tgt Ion: 173 Resp: 53471
Ion Ratio Lower Upper
173 100
175 44.9 38.8 58.2
254 7.3 3.9 5.9#

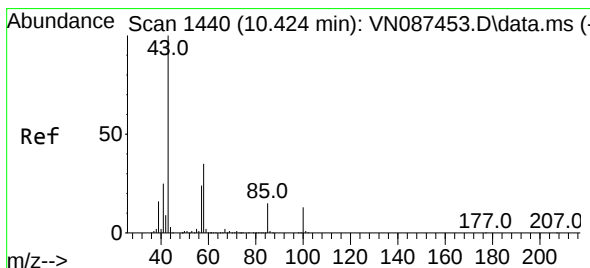
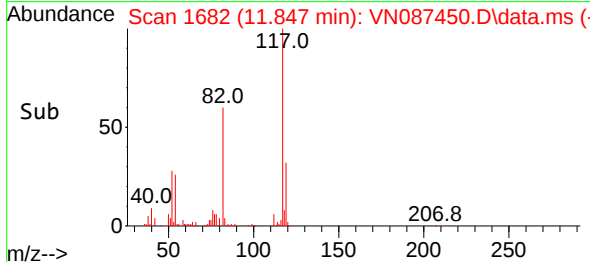
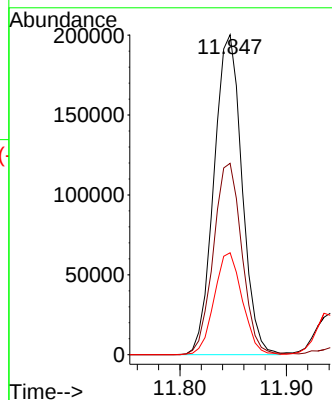
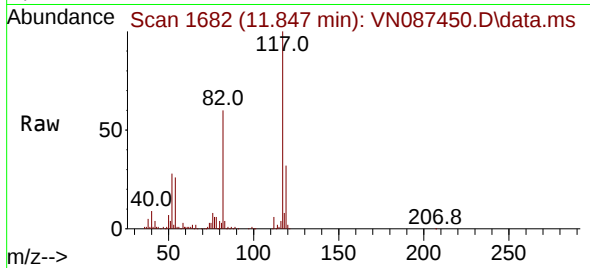




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN087450.D
Acq: 05 Aug 2025 12:02

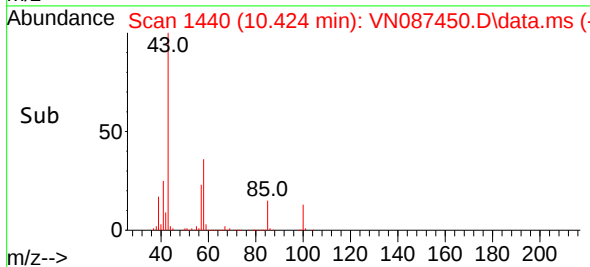
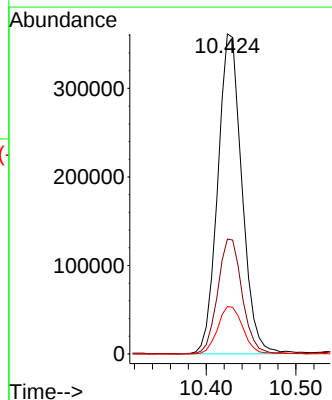
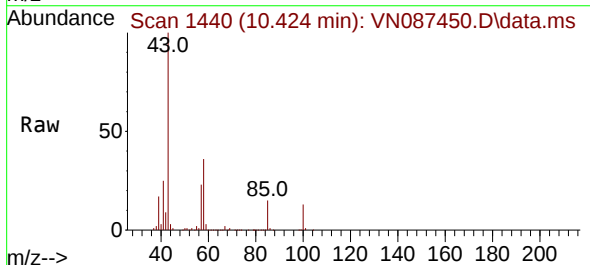
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBSD01

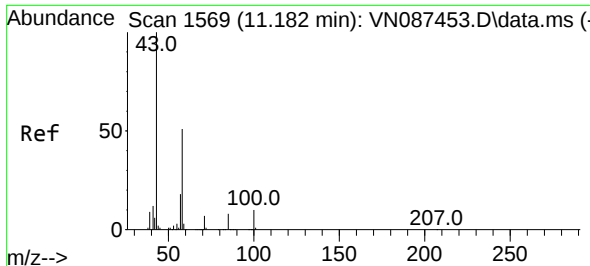
Tgt Ion:117 Resp: 365851
Ion Ratio Lower Upper
117 100
82 60.9 49.2 73.8
119 31.9 25.7 38.5



#58
4-Methyl-2-Pentanone
Concen: 71.521 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN087450.D
Acq: 05 Aug 2025 12:02

Tgt Ion: 43 Resp: 673117
Ion Ratio Lower Upper
43 100
58 36.5 29.0 43.6
85 15.6 12.7 19.1

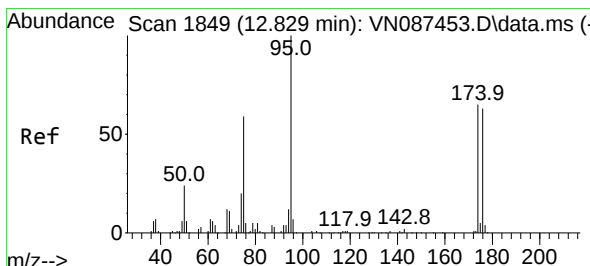
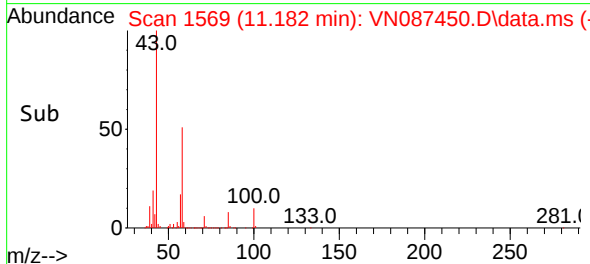
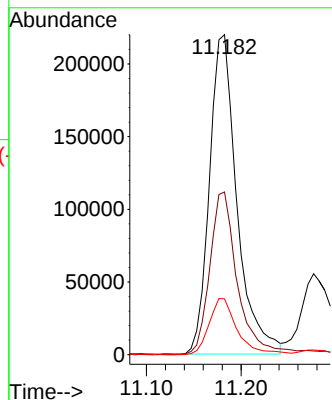
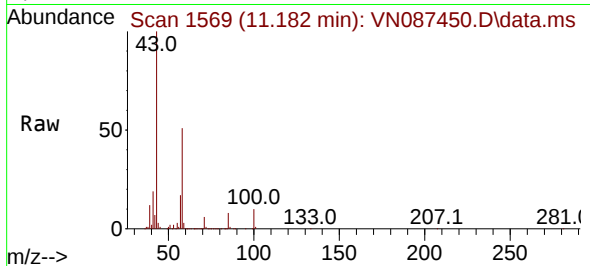




#59
2-Hexanone
Concen: 69.200 ug/l
RT: 11.182 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN087450.D
Acq: 05 Aug 2025 12:02

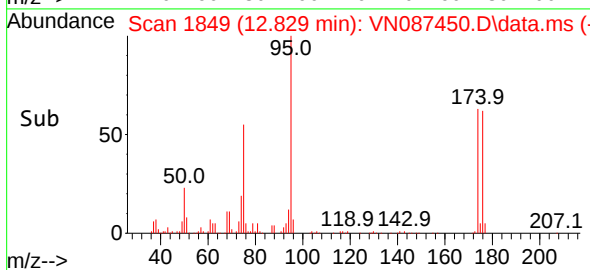
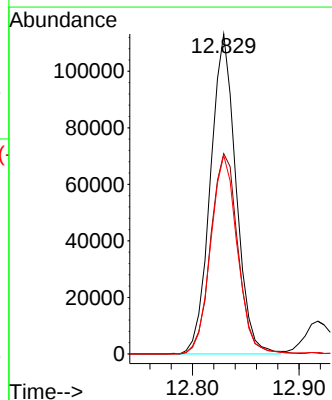
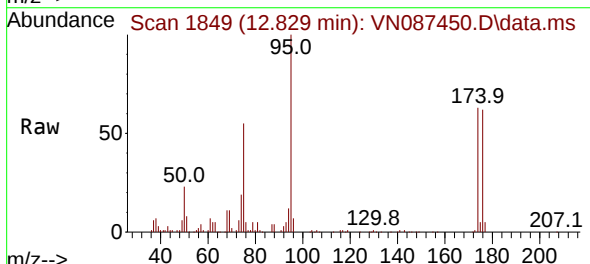
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBSD01

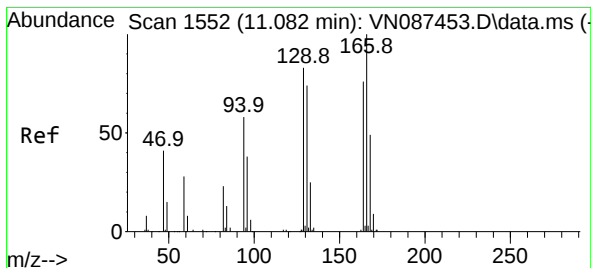
Tgt Ion: 43 Resp: 442504
Ion Ratio Lower Upper
43 100
58 51.1 41.0 61.6
57 18.0 14.6 21.8



#60
4-Bromofluorobenzene
Concen: 29.970 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087450.D
Acq: 05 Aug 2025 12:02

Tgt Ion: 95 Resp: 188695
Ion Ratio Lower Upper
95 100
174 66.7 52.3 78.5
176 64.5 49.8 74.8





#61

Tetrachloroethene

Concen: 13.010 ug/l

RT: 11.088 min Scan# 1553

Delta R.T. 0.006 min

Lab File: VN087450.D

Acq: 05 Aug 2025 12:02

Instrument :

MSVOA_N

ClientSampleId :

VN0805WBSD01

Tgt Ion:164 Resp: 46372

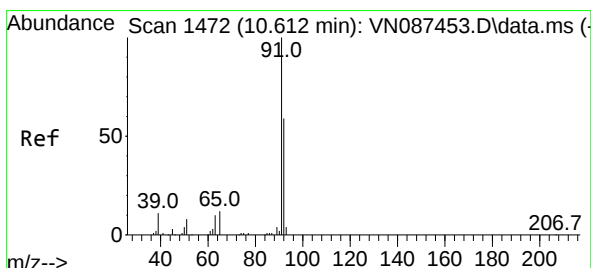
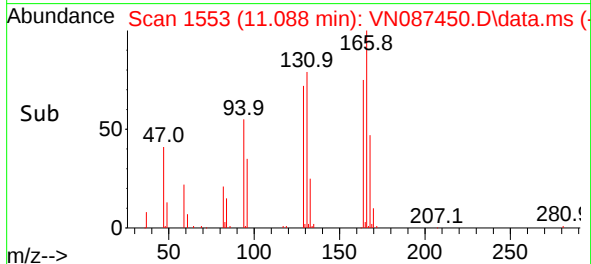
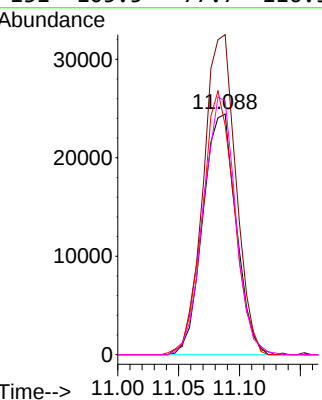
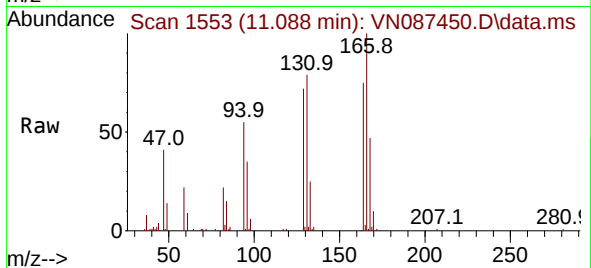
Ion Ratio Lower Upper

164 100

166 133.0 105.4 158.0

129 95.4 87.7 131.5

131 105.5 77.7 116.5



#62

Toluene

Concen: 13.408 ug/l

RT: 10.612 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VN087450.D

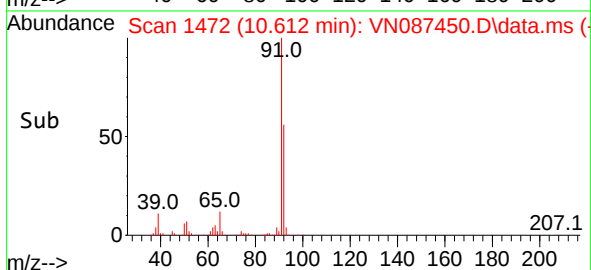
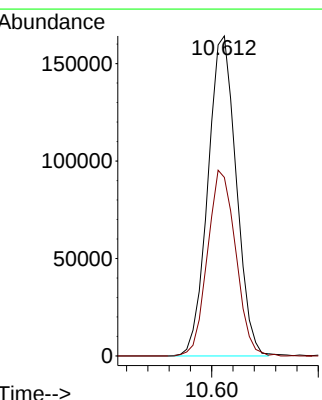
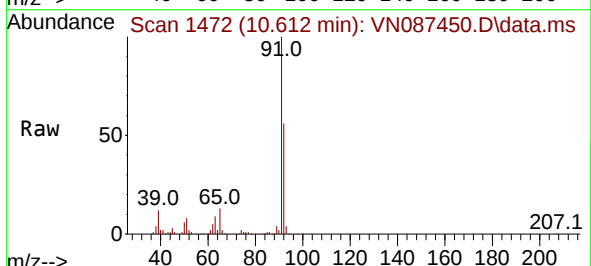
Acq: 05 Aug 2025 12:02

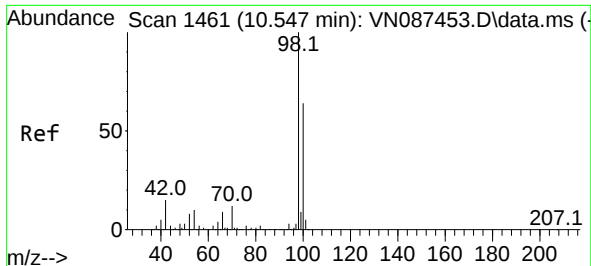
Tgt Ion: 91 Resp: 302753

Ion Ratio Lower Upper

91 100

92 57.7 45.8 68.6

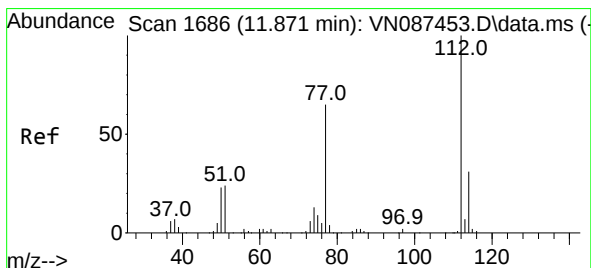
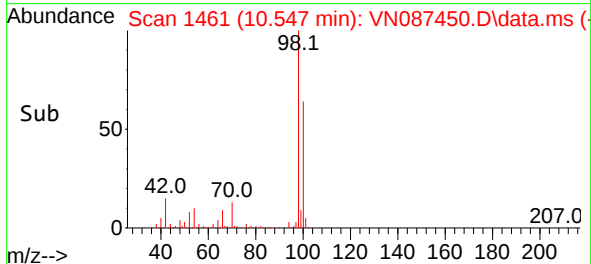
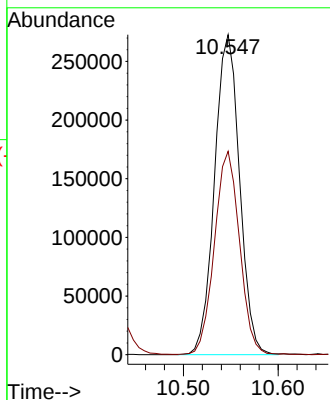
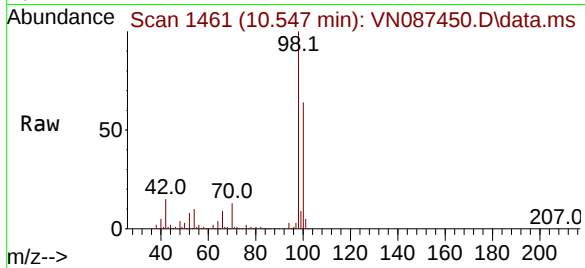




#63
Toluene-d8
Concen: 29.753 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087450.D
Acq: 05 Aug 2025 12:02

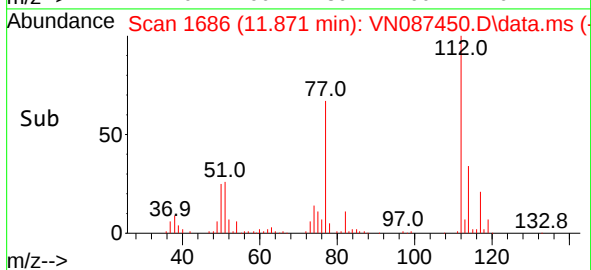
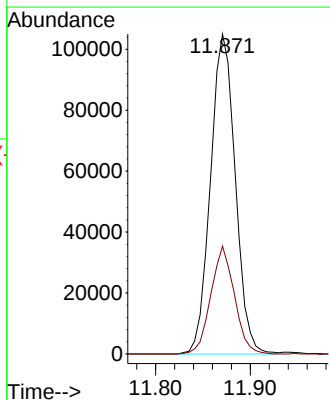
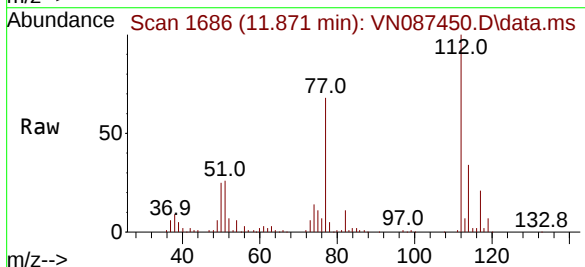
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBSD01

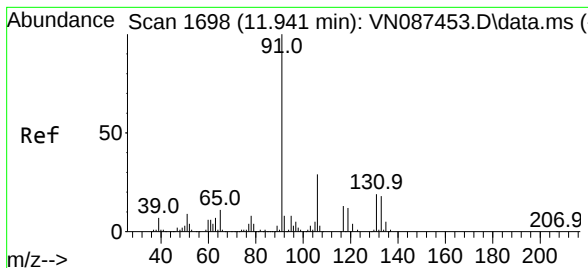
Tgt Ion: 98 Resp: 500854
Ion Ratio Lower Upper
98 100
100 63.8 50.5 75.7



#64
Chlorobenzene
Concen: 13.769 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087450.D
Acq: 05 Aug 2025 12:02

Tgt Ion: 112 Resp: 191037
Ion Ratio Lower Upper
112 100
114 33.7 24.7 37.1

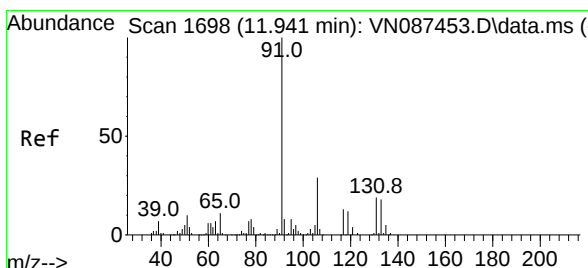
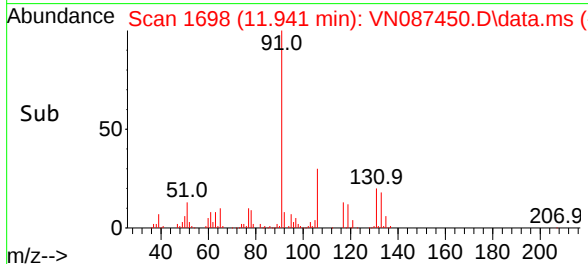
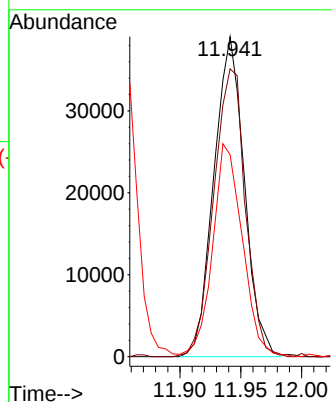
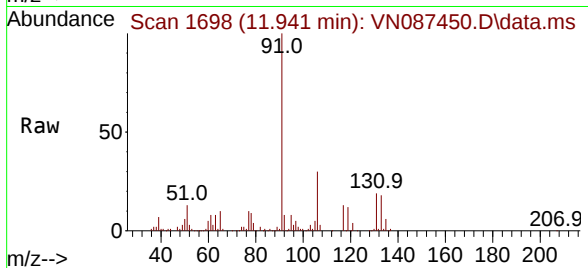




#65
1,1,1,2-Tetrachloroethane
Concen: 13.931 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087450.D
Acq: 05 Aug 2025 12:02

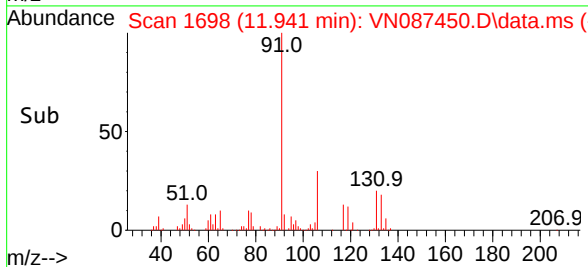
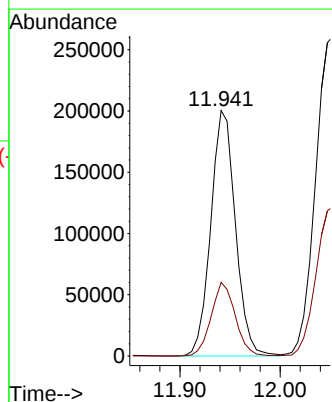
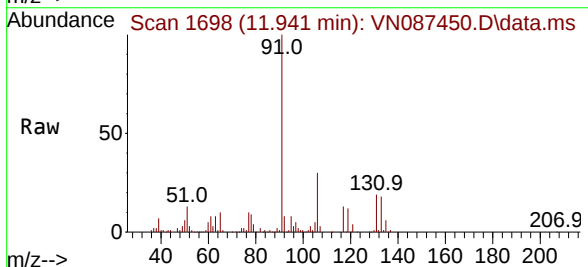
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBSD01

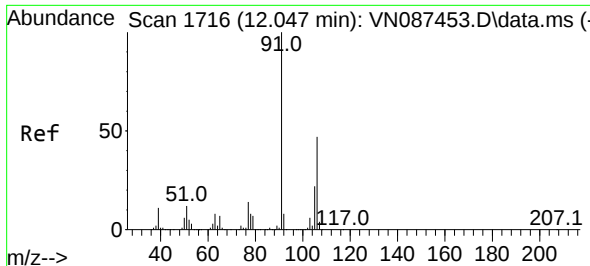
Tgt Ion:131 Resp: 67960
Ion Ratio Lower Upper
131 100
133 93.8 0.0 189.8
119 64.9 0.0 133.2



#66
Ethyl Benzene
Concen: 13.618 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087450.D
Acq: 05 Aug 2025 12:02

Tgt Ion: 91 Resp: 342730
Ion Ratio Lower Upper
91 100
106 30.0 22.9 34.3

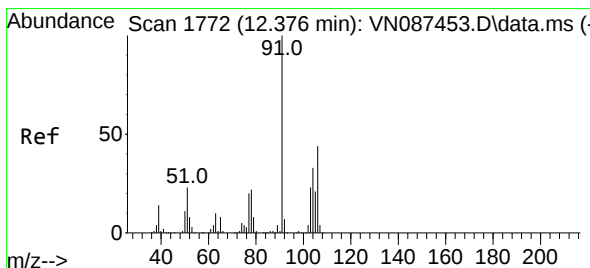
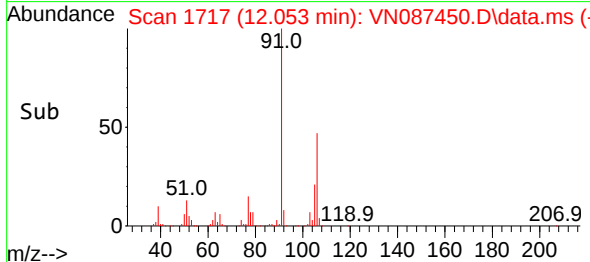
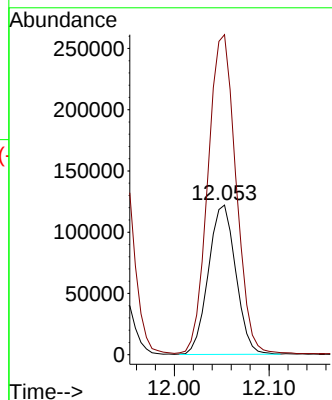
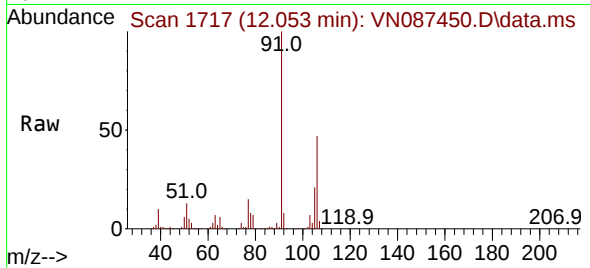




#67
m/p-Xylenes
Concen: 26.463 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VN087450.D
Acq: 05 Aug 2025 12:02

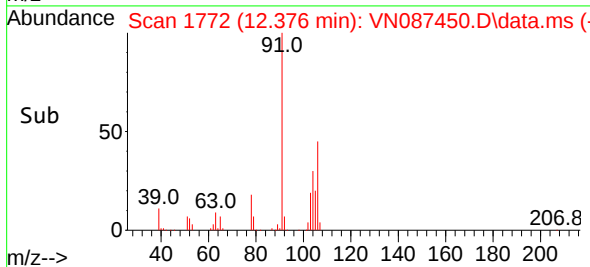
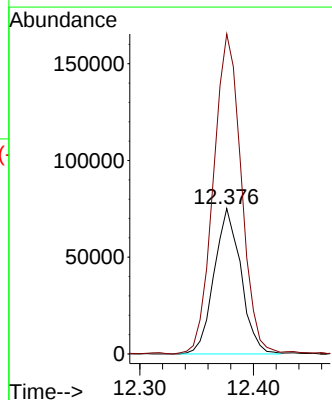
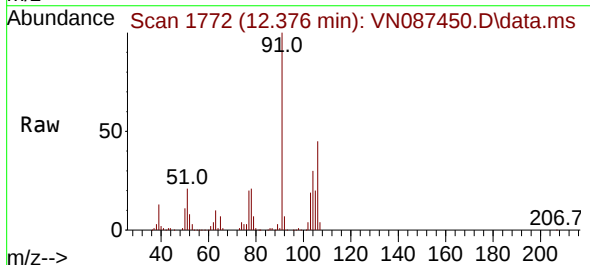
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBSD01

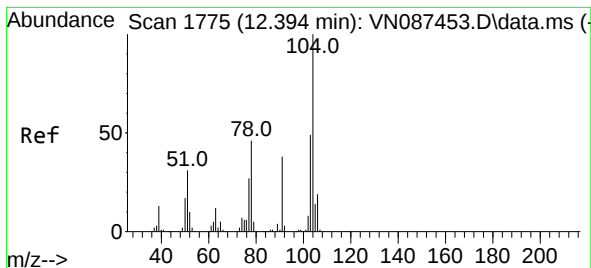
Tgt Ion:106 Resp: 244467
Ion Ratio Lower Upper
106 100
91 221.0 174.2 261.2



#68
o-Xylene
Concen: 13.584 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087450.D
Acq: 05 Aug 2025 12:02

Tgt Ion:106 Resp: 123458
Ion Ratio Lower Upper
106 100
91 228.3 114.5 343.5





#69

Styrene

Concen: 13.445 ug/l

RT: 12.394 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087450.D

Acq: 05 Aug 2025 12:02

Instrument :

MSVOA_N

ClientSampleId :

VN0805WBSD01

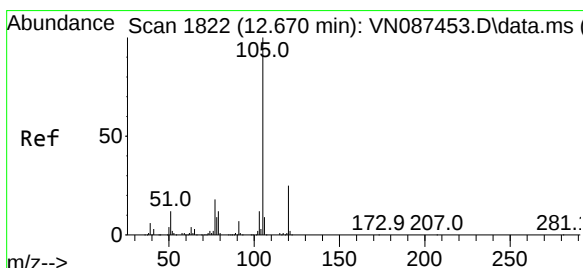
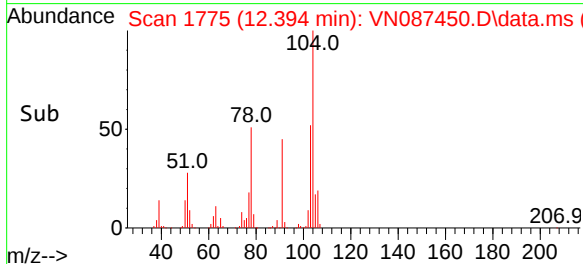
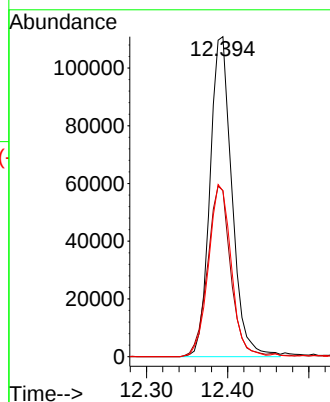
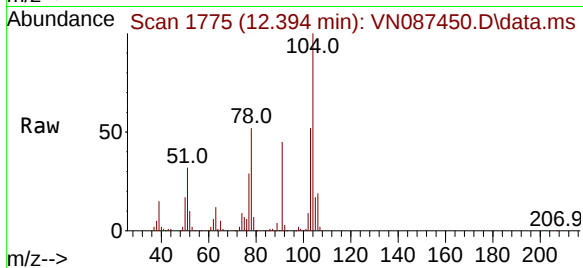
Tgt Ion:104 Resp: 208640

Ion Ratio Lower Upper

104 100

78 55.9 43.8 65.8

103 55.7 43.1 64.7



#70

Isopropylbenzene

Concen: 13.792 ug/l

RT: 12.676 min Scan# 1823

Delta R.T. 0.006 min

Lab File: VN087450.D

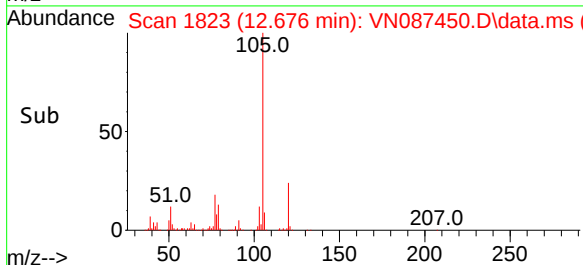
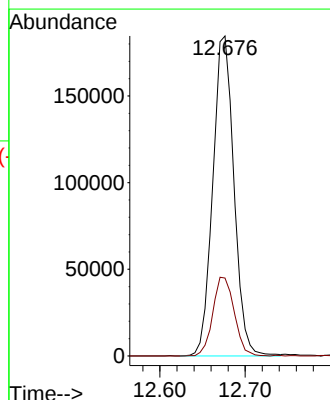
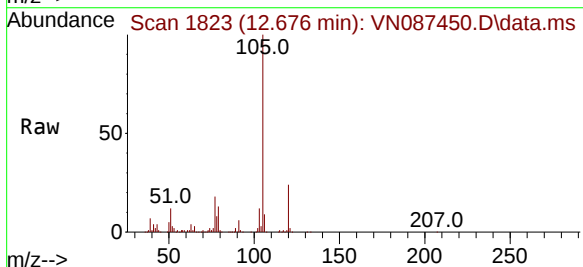
Acq: 05 Aug 2025 12:02

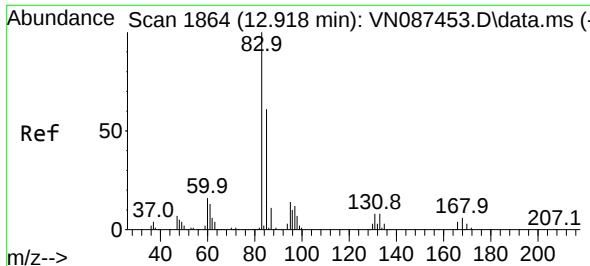
Tgt Ion:105 Resp: 318464

Ion Ratio Lower Upper

105 100

120 24.9 17.5 32.5

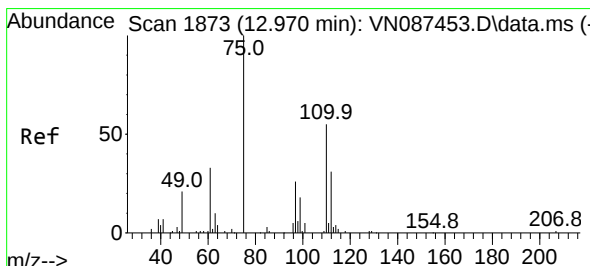
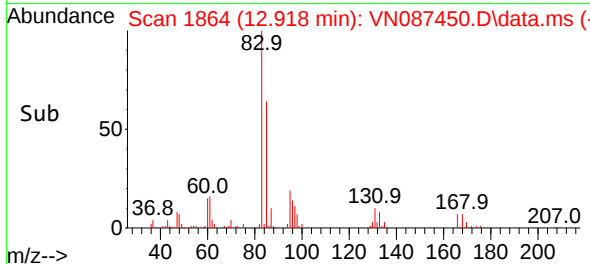
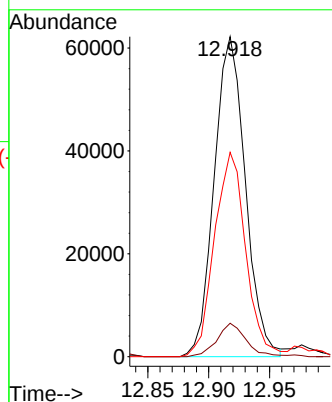
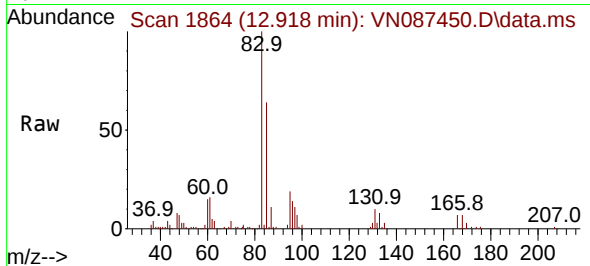




#71
1,1,2,2-Tetrachloroethane
Concen: 13.997 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN087450.D
Acq: 05 Aug 2025 12:02

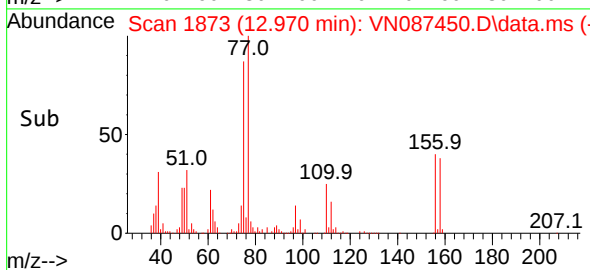
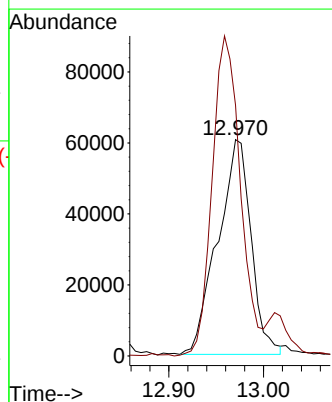
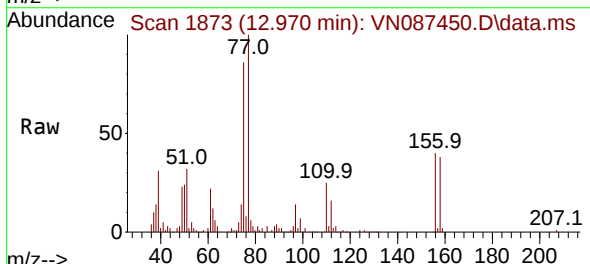
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBSD01

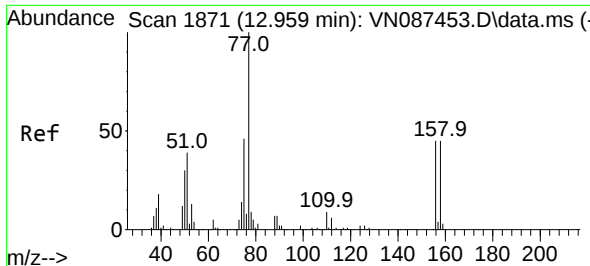
Tgt Ion: 83 Resp: 110740
Ion Ratio Lower Upper
83 100
131 9.8 4.8 14.3
85 64.2 31.7 95.1



#72
1,2,3-Trichloropropane
Concen: 20.054 ug/l
RT: 12.970 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN087450.D
Acq: 05 Aug 2025 12:02

Tgt Ion: 75 Resp: 147799
Ion Ratio Lower Upper
75 100
77 127.1 0.0 385.0

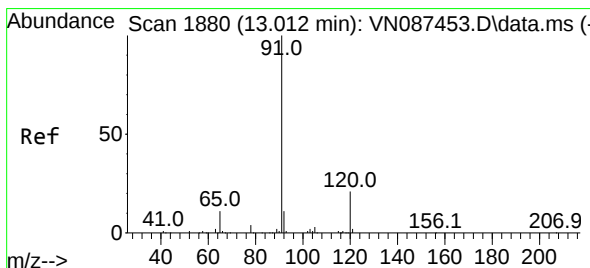
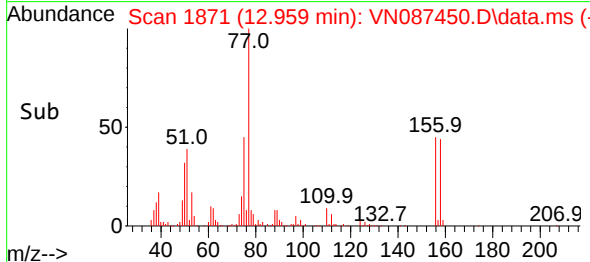
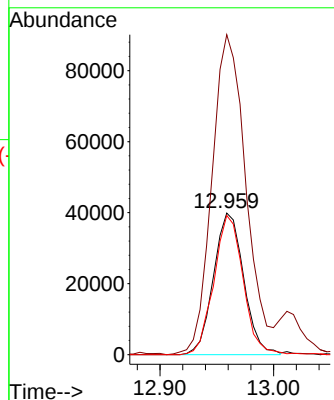
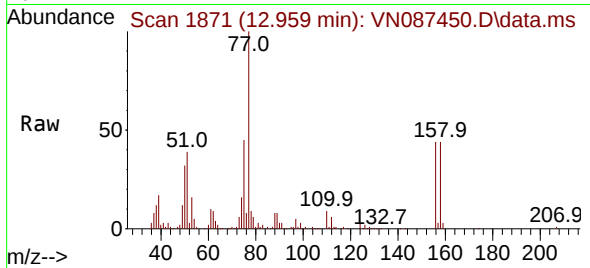




#73
Bromobenzene
Concen: 13.752 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN087450.D
Acq: 05 Aug 2025 12:02

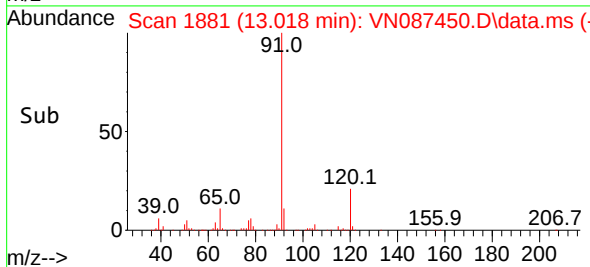
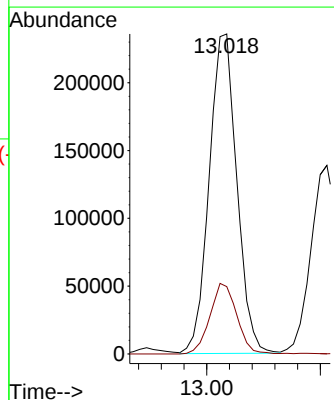
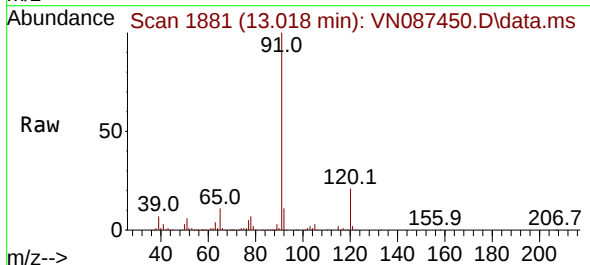
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBSD01

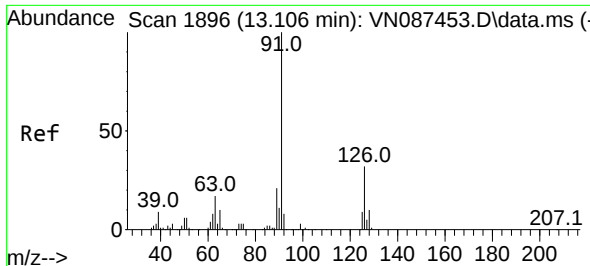
Tgt Ion:156 Resp: 73611
Ion Ratio Lower Upper
156 100
77 255.2 0.0 506.6
158 95.2 0.0 193.6



#74
n-propylbenzene
Concen: 13.824 ug/l
RT: 13.018 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN087450.D
Acq: 05 Aug 2025 12:02

Tgt Ion: 91 Resp: 398642
Ion Ratio Lower Upper
91 100
120 21.4 0.0 41.8

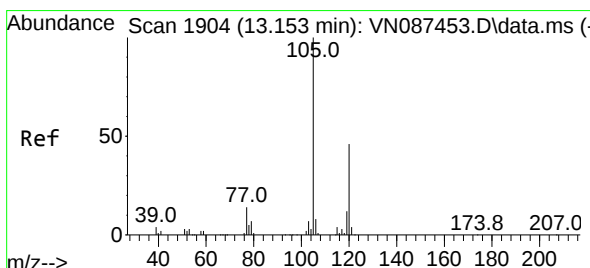
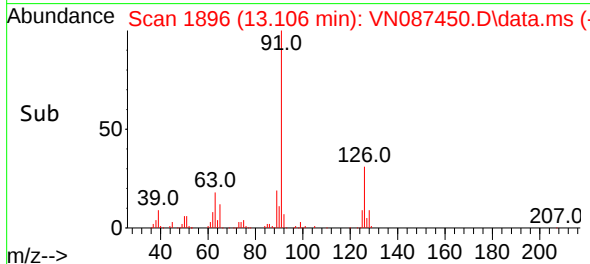
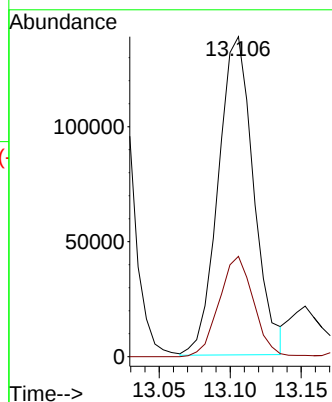
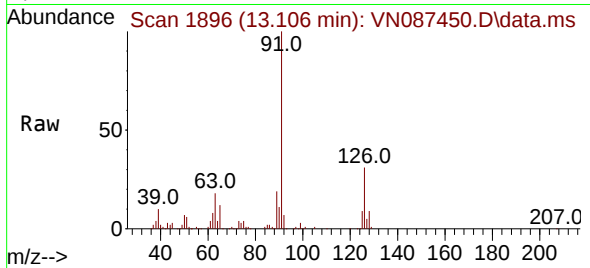




#75
2-Chlorotoluene
Concen: 13.554 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN087450.D
Acq: 05 Aug 2025 12:02

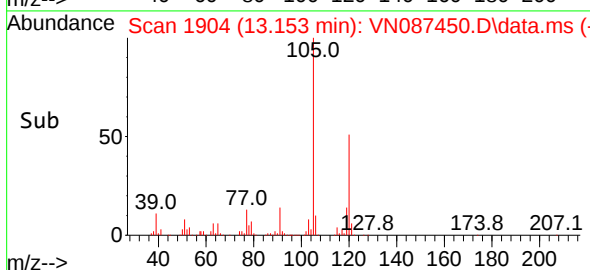
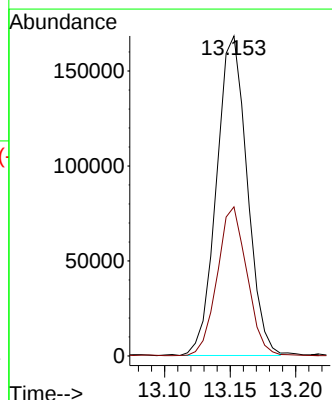
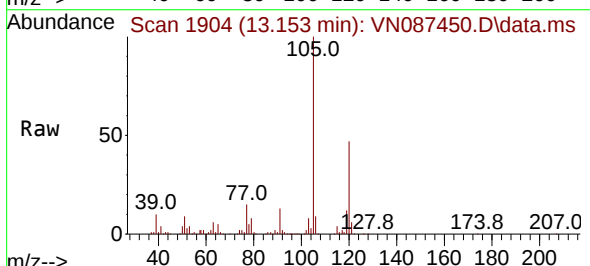
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBSD01

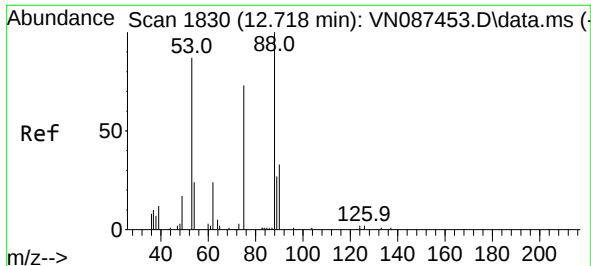
Tgt Ion: 91 Resp: 240420
Ion Ratio Lower Upper
91 100
126 30.5 0.0 60.4



#76
1,3,5-Trimethylbenzene
Concen: 13.808 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087450.D
Acq: 05 Aug 2025 12:02

Tgt Ion: 105 Resp: 272984
Ion Ratio Lower Upper
105 100
120 45.7 0.0 91.2

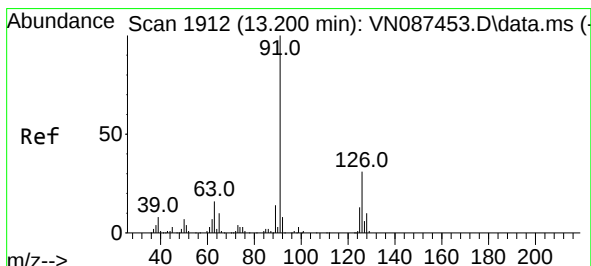
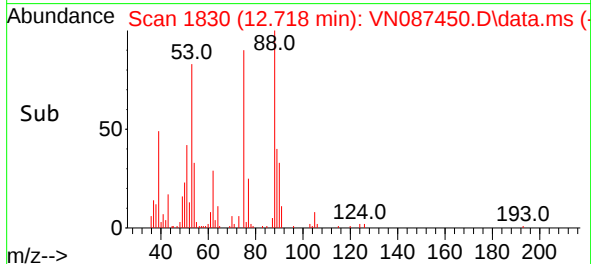
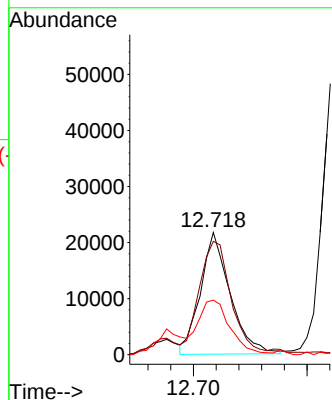
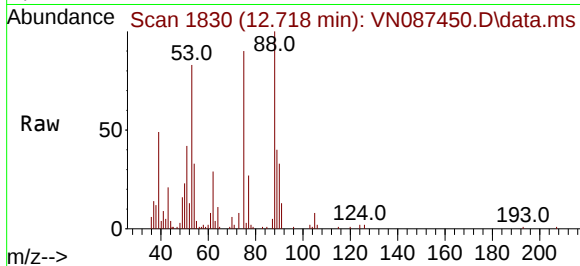




#77
t-1,4-Dichloro-2-butene
Concen: 14.118 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN087450.D
Acq: 05 Aug 2025 12:02

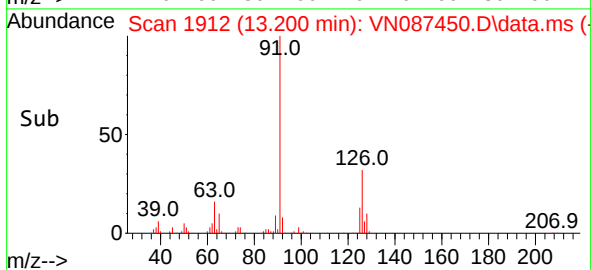
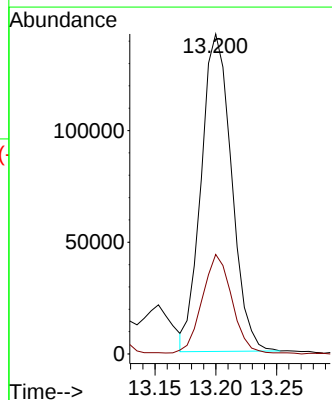
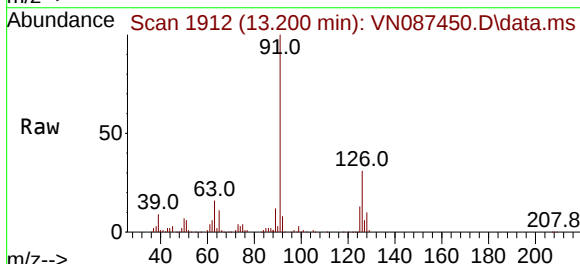
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBSD01

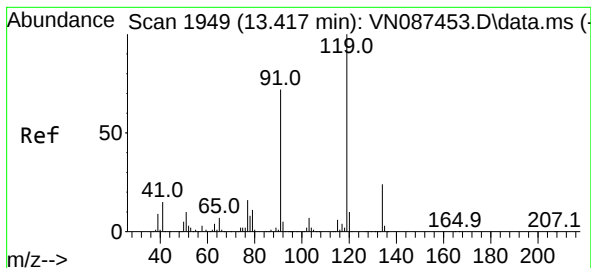
Tgt Ion: 75 Resp: 39390
Ion Ratio Lower Upper
75 100
53 90.9 59.0 176.8
89 41.9 22.1 66.5



#78
4-Chlorotoluene
Concen: 13.682 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087450.D
Acq: 05 Aug 2025 12:02

Tgt Ion: 91 Resp: 245953
Ion Ratio Lower Upper
91 100
126 30.9 0.0 63.2

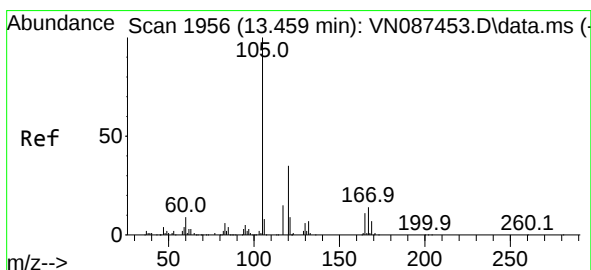
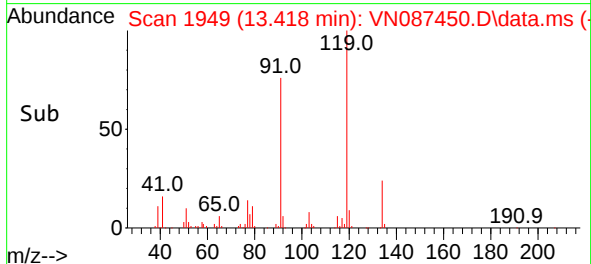
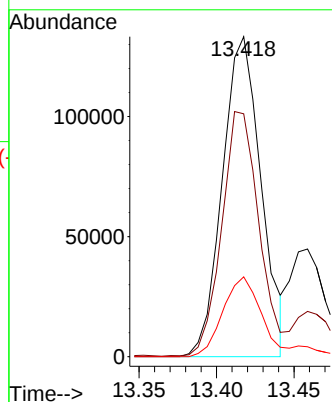
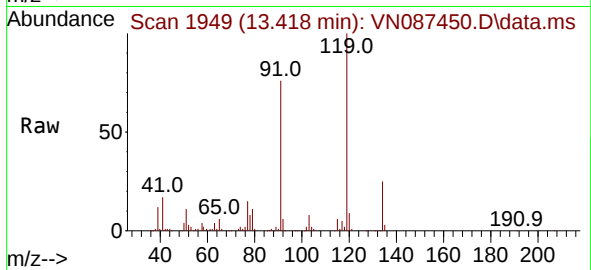




#79
tert-butylbenzene
Concen: 13.878 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN087450.D
Acq: 05 Aug 2025 12:02

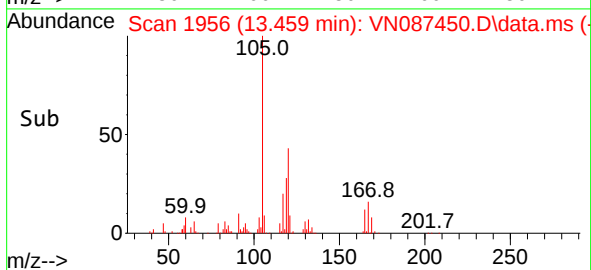
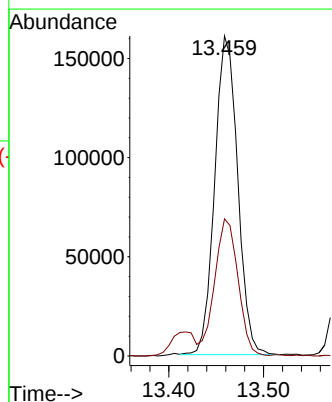
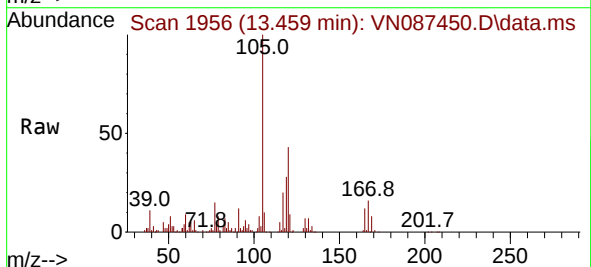
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBSD01

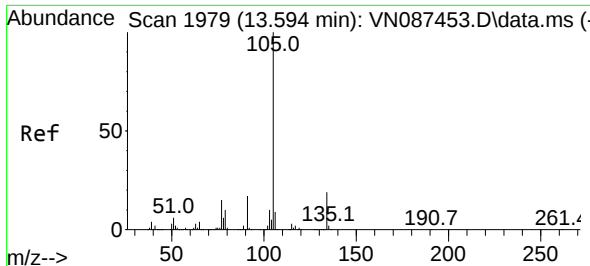
Tgt Ion:119 Resp: 231334
Ion Ratio Lower Upper
119 100
91 72.9 0.0 141.6
134 24.7 0.0 45.6



#80
1,2,4-Trimethylbenzene
Concen: 13.696 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN087450.D
Acq: 05 Aug 2025 12:02

Tgt Ion:105 Resp: 270573
Ion Ratio Lower Upper
105 100
120 43.9 0.0 87.2

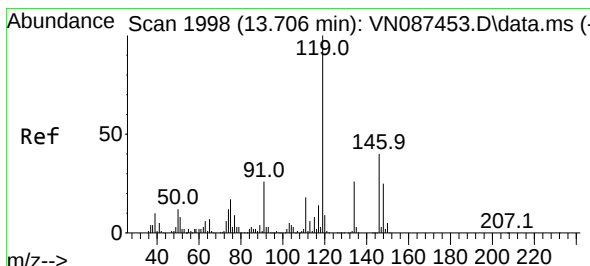
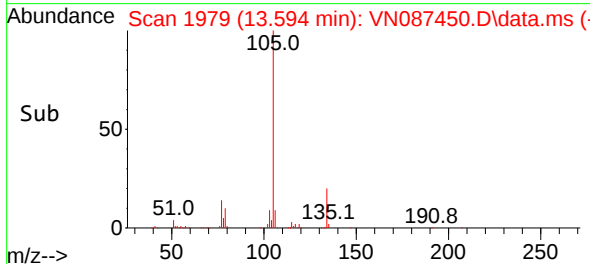
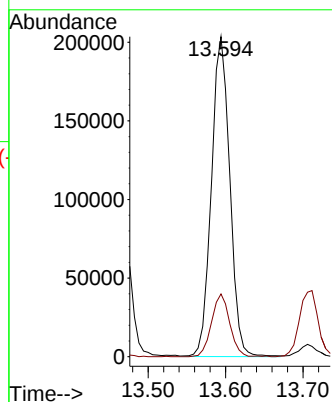
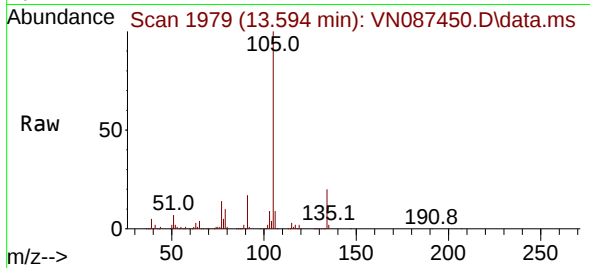




#81
 sec-Butylbenzene
 Concen: 13.864 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087450.D
 Acq: 05 Aug 2025 12:02

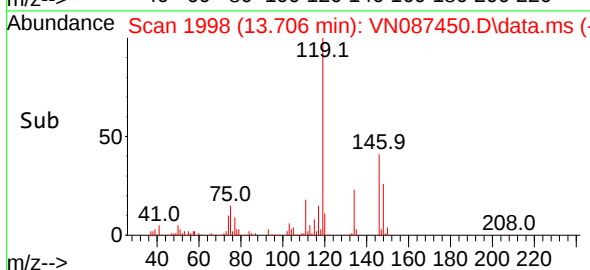
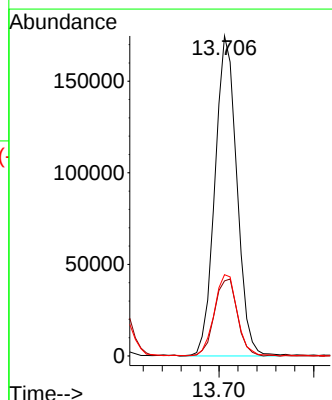
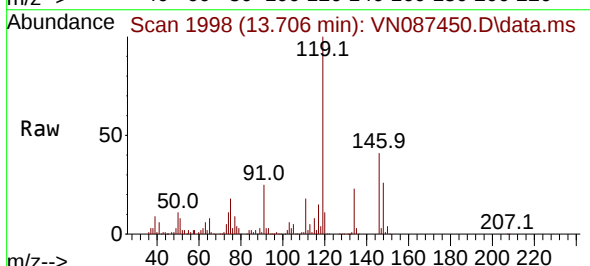
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0805WBSD01

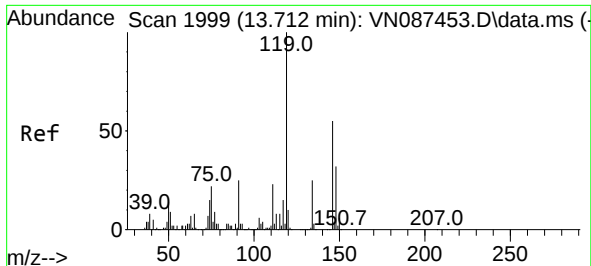
Tgt Ion:105 Resp: 336415
 Ion Ratio Lower Upper
 105 100
 134 19.3 0.0 37.6



#82
 p-Isopropyltoluene
 Concen: 13.928 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN087450.D
 Acq: 05 Aug 2025 12:02

Tgt Ion:119 Resp: 280626
 Ion Ratio Lower Upper
 119 100
 134 25.1 0.0 51.4
 91 26.4 0.0 52.0

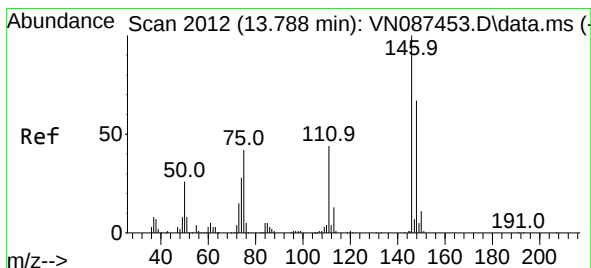
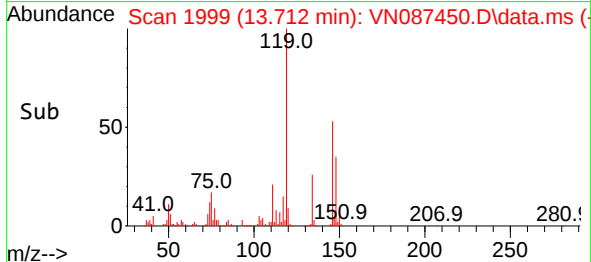
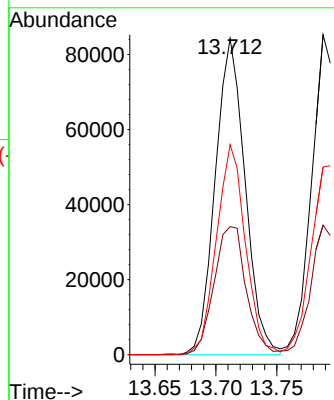
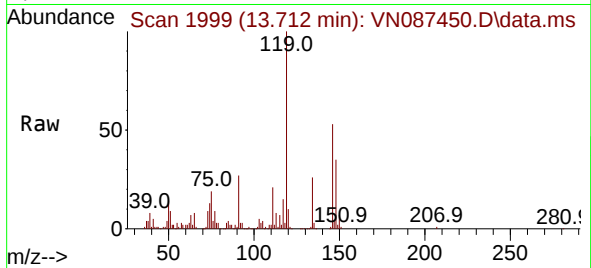




#83
 1,3-Dichlorobenzene
 Concen: 14.086 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN087450.D
 Acq: 05 Aug 2025 12:02

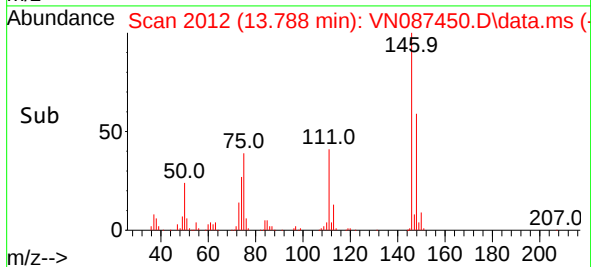
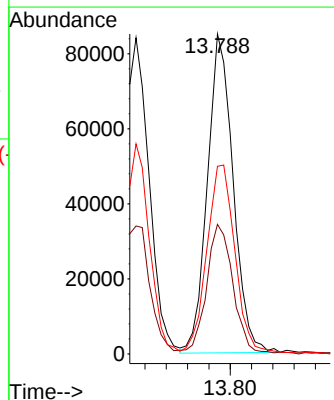
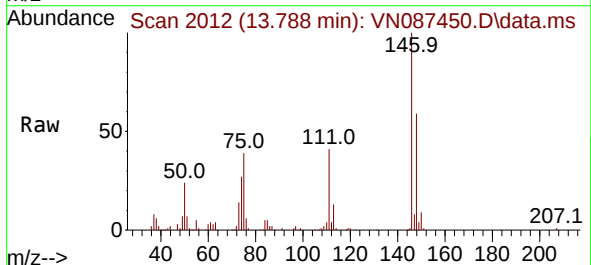
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0805WBSD01

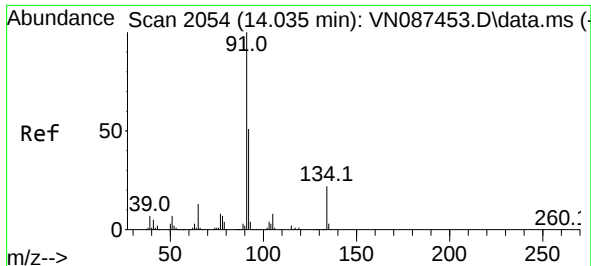
Tgt Ion:146 Resp: 143571
 Ion Ratio Lower Upper
 146 100
 111 43.6 21.9 65.5
 148 64.4 31.3 93.9



#84
 1,4-Dichlorobenzene
 Concen: 13.806 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. 0.000 min
 Lab File: VN087450.D
 Acq: 05 Aug 2025 12:02

Tgt Ion:146 Resp: 142669
 Ion Ratio Lower Upper
 146 100
 111 41.9 21.1 63.1
 148 65.4 31.4 94.3

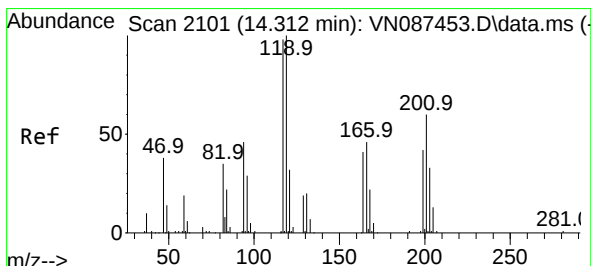
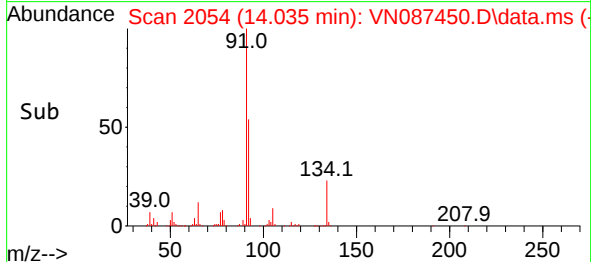
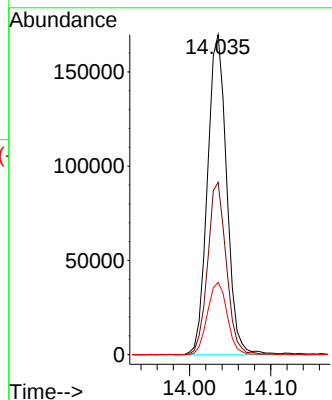
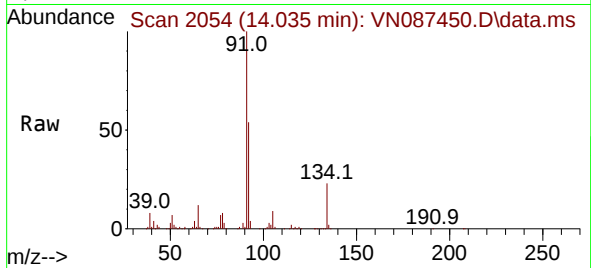




#85
n-Butylbenzene
Concen: 14.171 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN087450.D
Acq: 05 Aug 2025 12:02

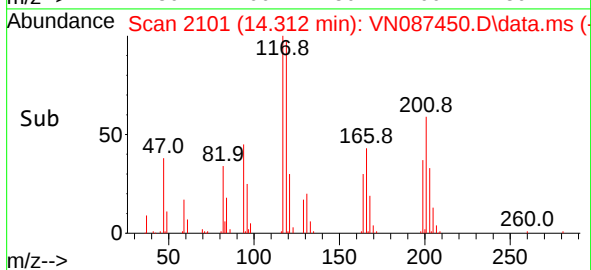
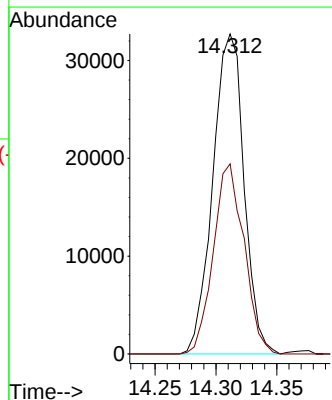
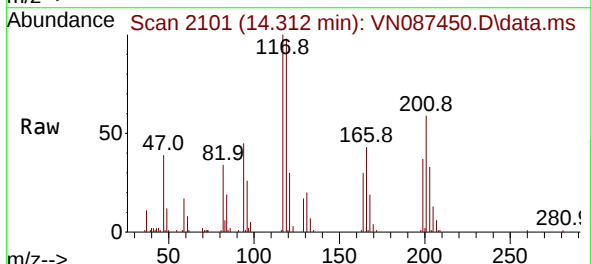
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBSD01

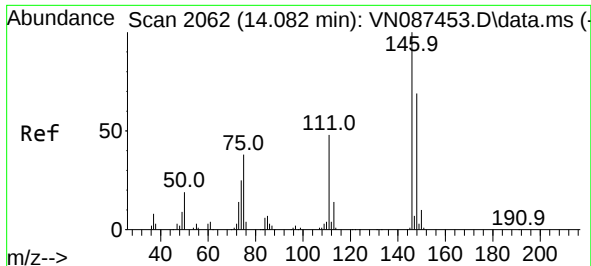
Tgt Ion: 91 Resp: 279344
Ion Ratio Lower Upper
91 100
92 51.8 0.0 106.6
134 23.2 0.0 44.4



#86
Hexachloroethane
Concen: 14.834 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VN087450.D
Acq: 05 Aug 2025 12:02

Tgt Ion: 117 Resp: 58366
Ion Ratio Lower Upper
117 100
201 58.3 29.1 87.4

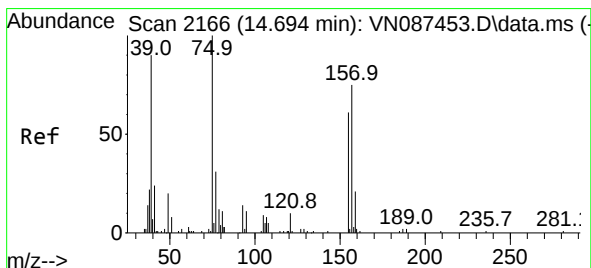
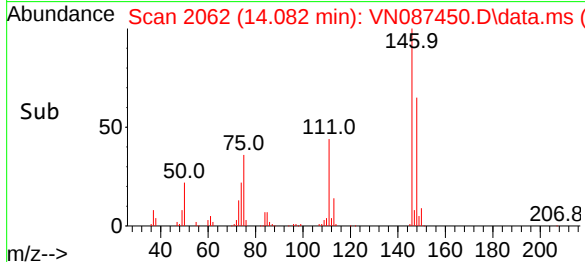
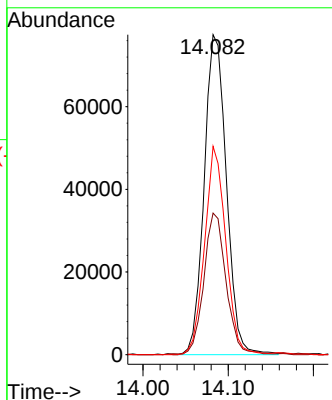
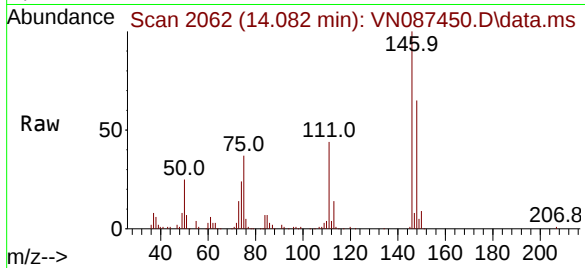




#87
1,2-Dichlorobenzene
Concen: 14.431 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN087450.D
Acq: 05 Aug 2025 12:02

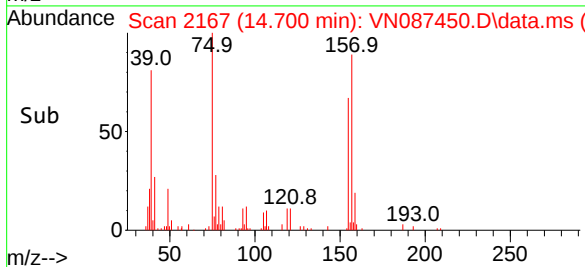
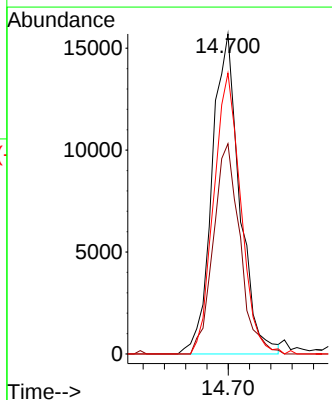
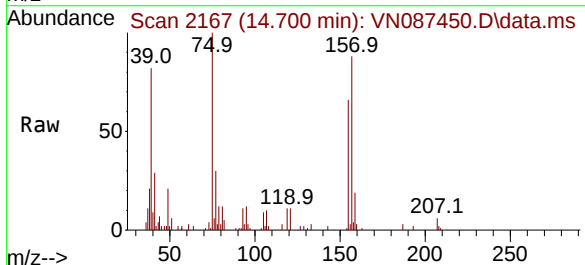
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBSD01

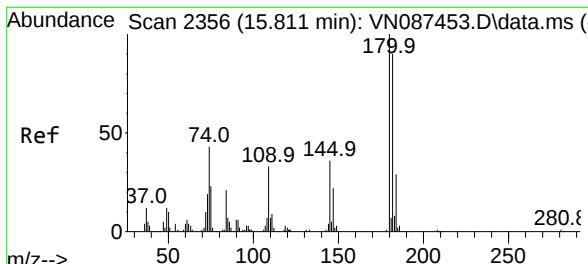
Tgt Ion:146 Resp: 140410
Ion Ratio Lower Upper
146 100
111 44.1 22.9 68.7
148 62.0 31.6 94.7



#88
1,2-Dibromo-3-Chloropropane
Concen: 14.109 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.006 min
Lab File: VN087450.D
Acq: 05 Aug 2025 12:02

Tgt Ion: 75 Resp: 28277
Ion Ratio Lower Upper
75 100
155 63.3 55.7 83.5
157 85.7 65.8 98.6

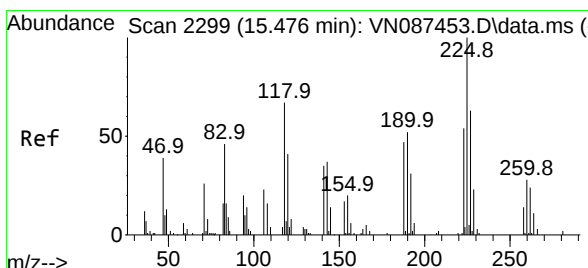
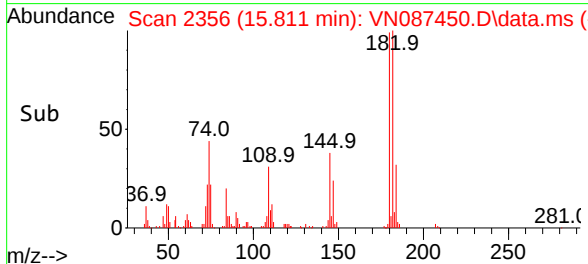
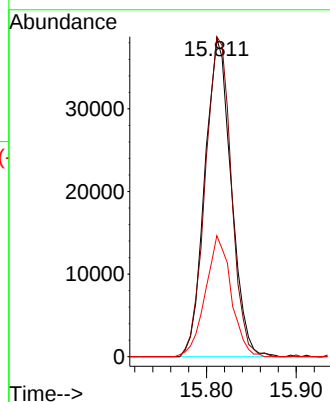
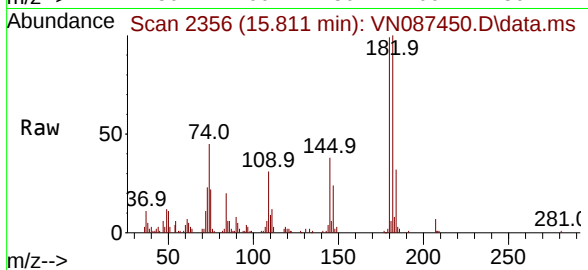




#89
1,2,4-Trichlorobenzene
Concen: 13.525 ug/l
RT: 15.811 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN087450.D
Acq: 05 Aug 2025 12:02

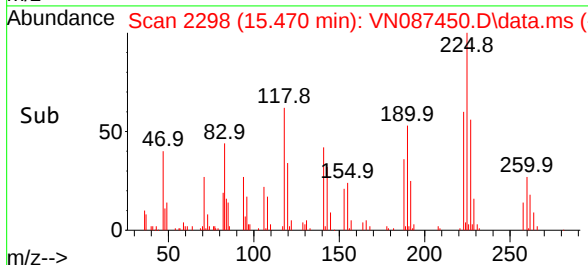
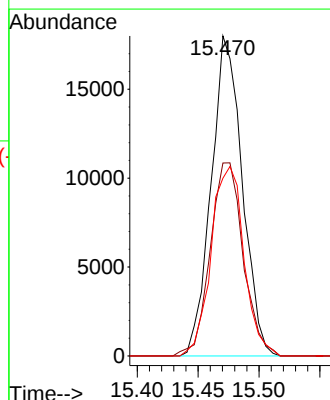
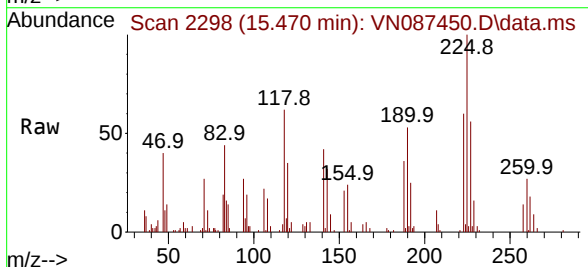
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBSD01

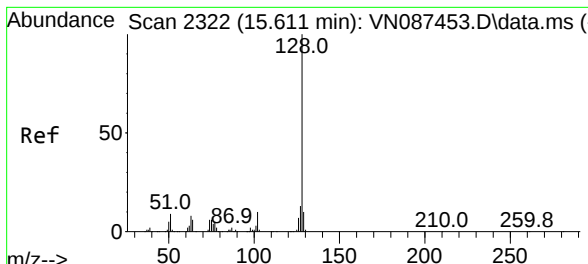
Tgt Ion:180 Resp: 78646
Ion Ratio Lower Upper
180 100
182 99.1 75.0 112.4
145 37.1 28.6 43.0



#90
Hexachlorobutadiene
Concen: 14.125 ug/l
RT: 15.470 min Scan# 2298
Delta R.T. -0.006 min
Lab File: VN087450.D
Acq: 05 Aug 2025 12:02

Tgt Ion:225 Resp: 31937
Ion Ratio Lower Upper
225 100
223 64.2 0.0 116.0
227 62.6 0.0 127.0



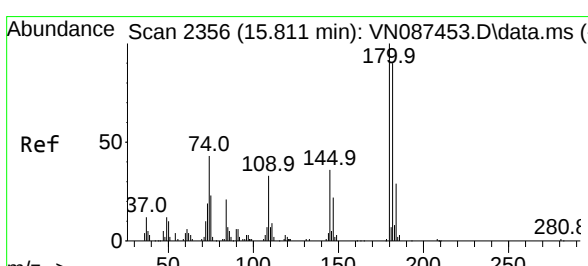
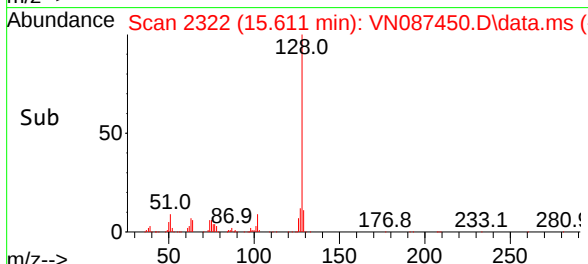
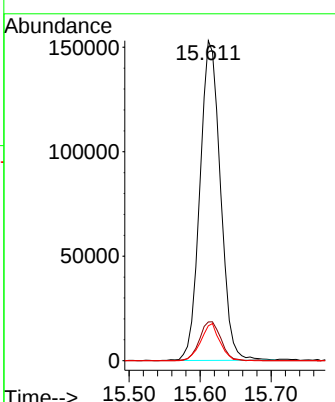
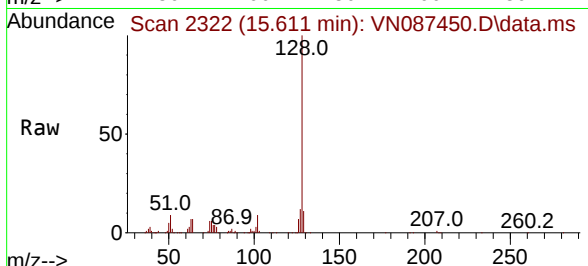


#91
 Naphthalene
 Concen: 13.858 ug/l
 RT: 15.611 min Scan# 2322
 Delta R.T. 0.000 min
 Lab File: VN087450.D
 Acq: 05 Aug 2025 12:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0805WBSD01

Tgt Ion:128 Resp: 307256

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	10.8	8.9	13.3



#92
 1,2,3-Trichlorobenzene
 Concen: 13.525 ug/l
 RT: 15.811 min Scan# 2356
 Delta R.T. 0.000 min
 Lab File: VN087450.D
 Acq: 05 Aug 2025 12:02

Tgt Ion:180 Resp: 78646

Ion	Ratio	Lower	Upper
180	100		
182	99.1	0.0	187.4
145	37.1	0.0	71.6

