

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081825\
 Data File : VN087596.D
 Acq On : 18 Aug 2025 10:06
 Operator : JC\MD
 Sample : VN0818WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0818WBS01

Quant Time: Aug 19 01:09:46 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	64865	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.083	114	356557	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	320424	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	170159	28.441	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	94.800%
60) 4-Bromofluorobenzene	12.829	95	158948	28.825	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	96.067%
63) Toluene-d8	10.547	98	435167	29.516	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	73285	17.305	ug/l	95
3) Chloromethane	2.383	50	77025	17.727	ug/l	97
4) Vinyl Chloride	2.542	62	84326	18.298	ug/l	98
5) Bromomethane	2.983	94	33770	13.538	ug/l	98
6) Chloroethane	3.136	64	56557	19.032	ug/l	97
7) Trichlorofluoromethane	3.506	101	126678	19.100	ug/l	98
8) Diethyl Ether	3.959	74	53133	19.229	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	67601	19.988	ug/l	98
10) 1,1-Dichloroethene	4.342	96	71432	20.107	ug/l	100
11) Methyl Iodide	4.577	142	47256	16.894	ug/l	97
12) Methyl Acetate	5.012	43	122806	18.732	ug/l	91
13) Acrolein	4.171	56	126320	126.155	ug/l	95
14) Acrylonitrile	5.706	53	253336	88.495	ug/l	98
15) Acetone	4.418	58	89804	109.791	ug/l	94
16) Carbon Disulfide	4.706	76	202123	18.341	ug/l	97
17) Allyl chloride	5.012	41	109801	15.164	ug/l	94
18) Methylene Chloride	5.265	84	81724	17.869	ug/l	89
19) trans-1,2-Dichloroethene	5.771	96	75026	17.759	ug/l	93
20) Diisopropyl ether	6.659	45	270726	16.412	ug/l	98
21) 1,1-Dichloroethane	6.547	63	147822	17.336	ug/l	96
22) cis-1,2-Dichloroethene	7.477	96	93453	17.978	ug/l	96
23) tert-Butyl Alcohol	5.524	59	109179	89.752	ug/l #	100
24) Methyl tert-Butyl Ether	5.795	73	286415	17.693	ug/l #	72
25) Chloroform	7.947	83	158559	17.815	ug/l	98
26) Cyclohexane	8.241	56	119147	17.452	ug/l #	96
29) 1,1-Dichloropropene	8.359	75	104460	17.962	ug/l	98
30) 2-Butanone	7.471	43	386193	90.091	ug/l	99
31) 2,2-Dichloropropane	7.471	77	135120	18.015	ug/l	99
32) 1,1,1-Trichloroethane	8.153	97	132136	17.815	ug/l	98
33) Carbon Tetrachloride	8.347	117	112626	18.278	ug/l	95
34) Benzene	8.594	78	328631	17.902	ug/l	97
35) Methacrylonitrile	7.759	41	81486	17.615	ug/l	89
36) 1,2-Dichloroethane	8.653	62	126853	17.097	ug/l #	93
37) Trichloroethene	9.335	130	74306	18.375	ug/l	91
38) Methylcyclohexane	9.582	83	117937	17.481	ug/l	97
39) 1,2-Dichloropropane	9.600	63	83296	17.697	ug/l	98
40) Dibromomethane	9.688	93	61834	17.510	ug/l	94
41) Bromodichloromethane	9.871	83	128416	17.500	ug/l #	99
42) Vinyl Acetate	6.589	43	1217078	86.215	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	145219	17.536	ug/l	99
44) Isopropyl Acetate	8.671	43	238620	16.998	ug/l	100
45) 1,4-Dioxane	9.682	88	35181	393.125	ug/l	92
46) Methyl methacrylate	9.665	41	107919	16.286	ug/l	92
47) n-amyl Acetate	12.523	43	25801	3.327	ug/l #	72
48) t-1,3-Dichloropropene	10.818	75	135668	16.994	ug/l	97
49) cis-1,3-Dichloropropene	10.294	75	139058	17.308	ug/l	93
50) 1,1,2-Trichloroethane	10.994	97	80118	17.956	ug/l	99
51) Ethyl methacrylate	10.859	69	136612	17.385	ug/l	94
52) 1,3-Dichloropropane	11.147	76	142937	17.782	ug/l	99
53) Dibromochloromethane	11.341	129	89243	17.319	ug/l	99
54) 1,2-Dibromoethane	11.447	107	85080	17.962	ug/l	97
55) 2-Chloroethyl vinyl ether	10.141	63	374401	90.507	ug/l	99
56) Bromoform	12.559	173	52780	15.486	ug/l	95
58) 4-Methyl-2-Pentanone	10.430	43	721584	87.541	ug/l	98
59) 2-Hexanone	11.182	43	477499	85.259	ug/l	98
61) Tetrachloroethene	11.082	164	63686	20.401	ug/l #	83
62) Toluene	10.612	91	355597	17.981	ug/l	100
64) Chlorobenzene	11.871	112	219723	18.081	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.941	131	75107	17.579	ug/l	98
66) Ethyl Benzene	11.941	91	389273	17.660	ug/l	97
67) m/p-Xylenes	12.053	106	291109	35.979	ug/l	97
68) o-Xylene	12.376	106	141800	17.814	ug/l	98
69) Styrene	12.394	104	238497	17.547	ug/l	98
70) Isopropylbenzene	12.676	105	369744	18.283	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.918	83	126846	18.306	ug/l	98
72) 1,2,3-Trichloropropane	12.971	75	150902	23.378	ug/l	58
73) Bromobenzene	12.959	156	85863	18.315	ug/l	90
74) n-propylbenzene	13.018	91	448033	17.740	ug/l	100
75) 2-Chlorotoluene	13.106	91	268188	17.263	ug/l	98
76) 1,3,5-Trimethylbenzene	13.153	105	310074	17.908	ug/l	98
77) t-1,4-Dichloro-2-butene	12.723	75	24306	9.947	ug/l	84
78) 4-Chlorotoluene	13.200	91	277560	17.630	ug/l	99
79) tert-butylbenzene	13.418	119	263685	18.062	ug/l	97
80) 1,2,4-Trimethylbenzene	13.459	105	313131	18.098	ug/l	98
81) sec-Butylbenzene	13.594	105	385546	18.141	ug/l	99
82) p-Isopropyltoluene	13.706	119	313878	17.787	ug/l	99
83) 1,3-Dichlorobenzene	13.712	146	165175	18.502	ug/l	99
84) 1,4-Dichlorobenzene	13.794	146	169851	18.767	ug/l	98
85) n-Butylbenzene	14.035	91	302297	17.509	ug/l	99
86) Hexachloroethane	14.312	117	53860	15.630	ug/l	95
87) 1,2-Dichlorobenzene	14.082	146	156400	18.354	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.700	75	29700	16.920	ug/l	92
89) 1,2,4-Trichlorobenzene	15.817	180	92165	18.097	ug/l	99
90) Hexachlorobutadiene	15.476	225	33852	17.094	ug/l	96
91) Naphthalene	15.617	128	345054	17.769	ug/l	99
92) 1,2,3-Trichlorobenzene	15.817	180	92165	18.097	ug/l	99

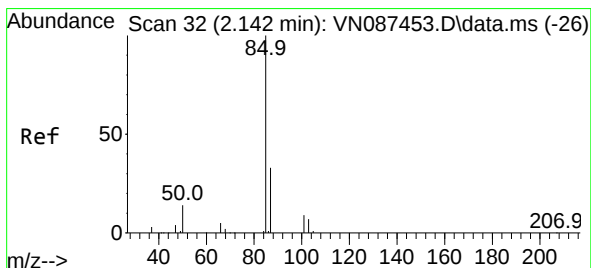
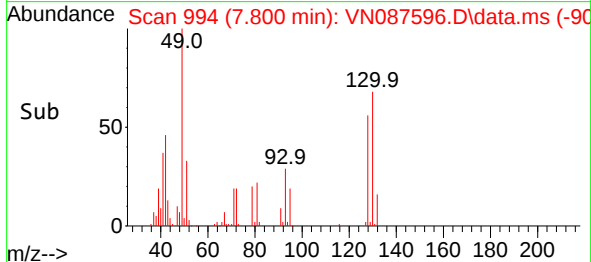
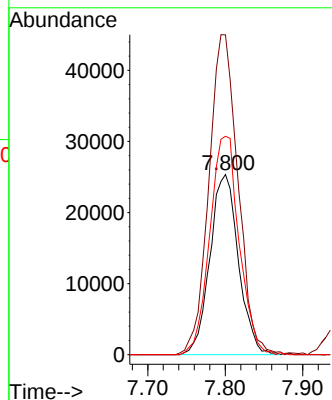
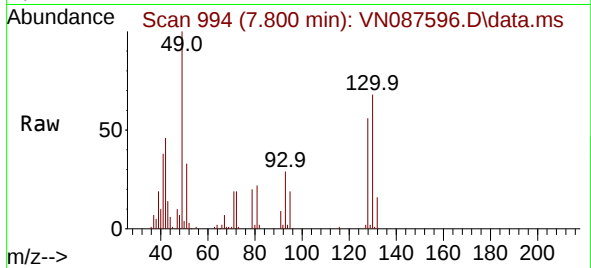
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN087596.D
Acq: 18 Aug 2025 10:06

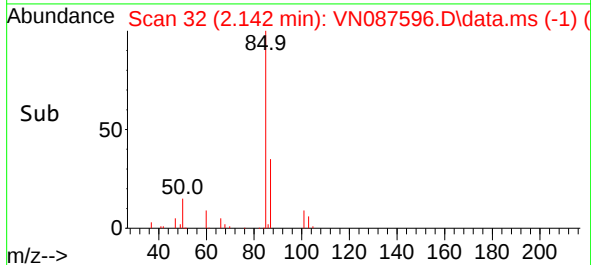
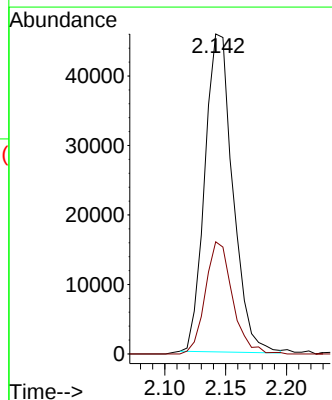
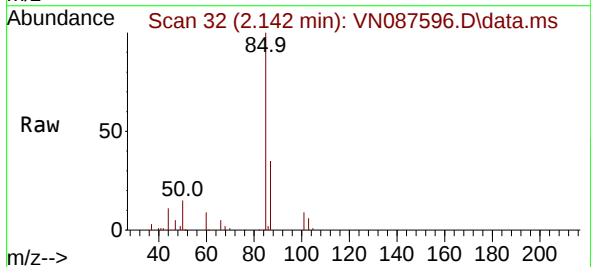
Instrument :
MSVOA_N
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VN0818WBS01

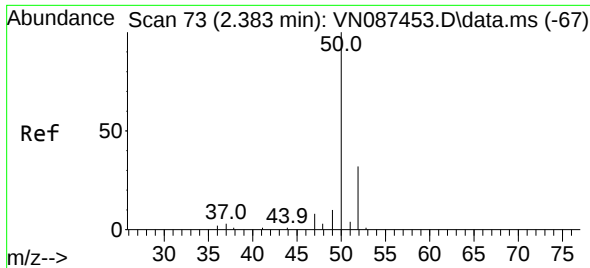
Tgt Ion:	128	Resp:	64865
Ion	Ratio	Lower	Upper
128	100		
49	181.4	0.0	494.8
130	124.9	0.0	321.5



#2
Dichlorodifluoromethane
Concen: 17.305 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087596.D
Acq: 18 Aug 2025 10:06

Tgt Ion:	85	Resp:	73285
Ion	Ratio	Lower	Upper
85	100		
87	35.4	16.4	49.2

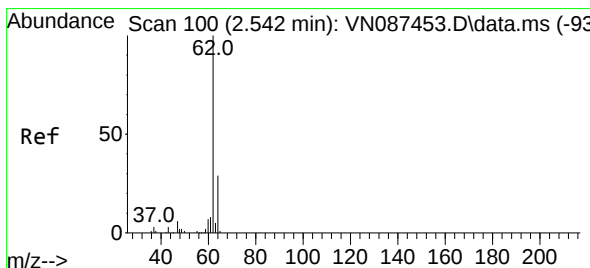
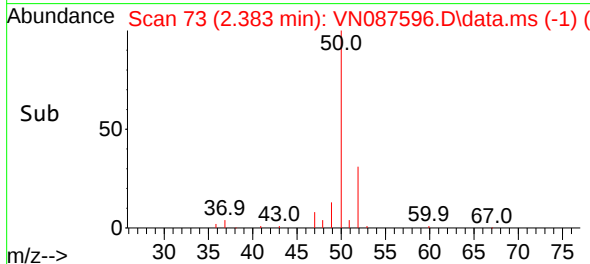
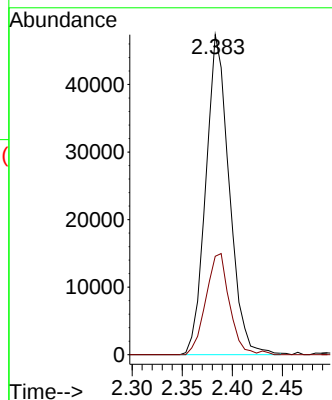
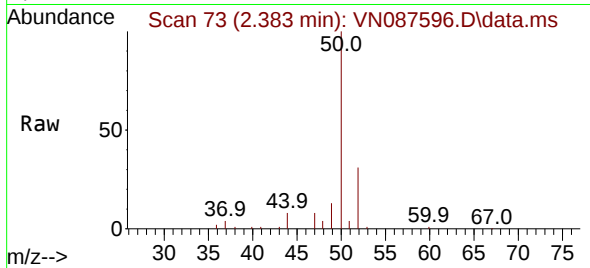




#3
Chloromethane
Concen: 17.727 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087596.D
Acq: 18 Aug 2025 10:06

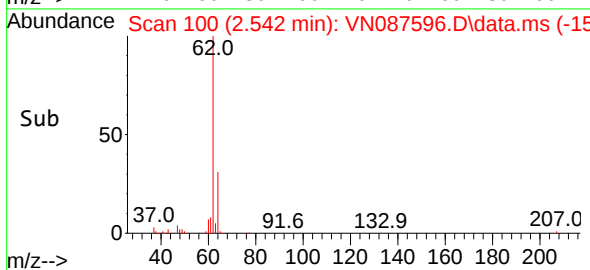
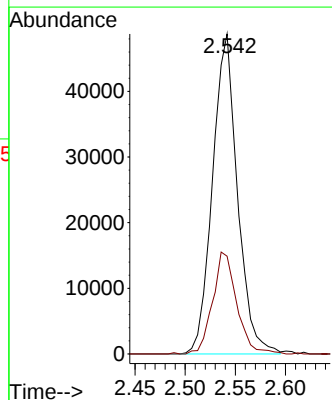
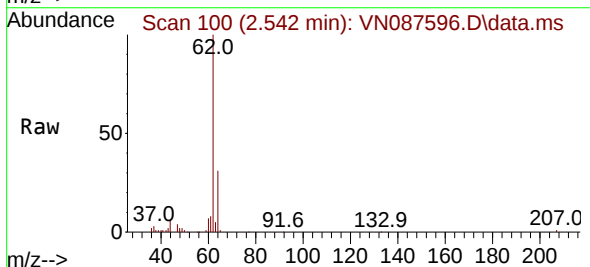
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBS01

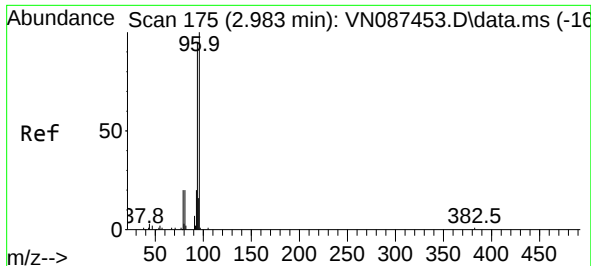
Tgt Ion: 50 Resp: 77025
Ion Ratio Lower Upper
50 100
52 30.8 25.8 38.6



#4
Vinyl Chloride
Concen: 18.298 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087596.D
Acq: 18 Aug 2025 10:06

Tgt Ion: 62 Resp: 84326
Ion Ratio Lower Upper
62 100
64 30.5 23.4 35.2

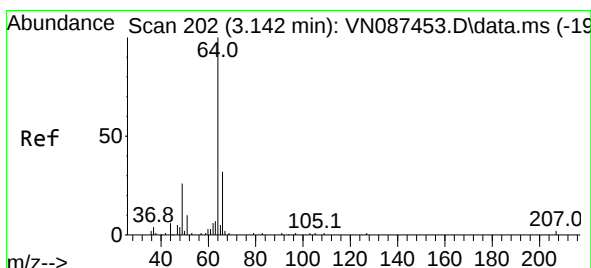
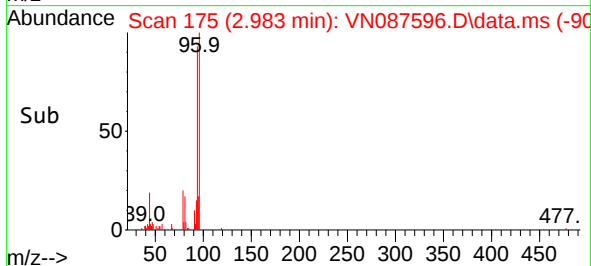
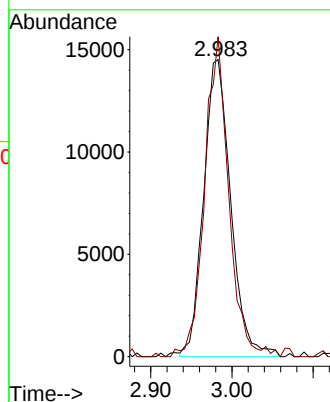
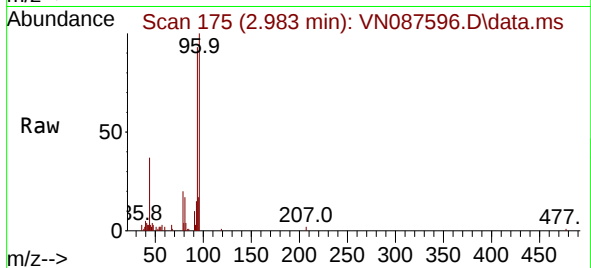




#5
Bromomethane
Concen: 13.538 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087596.D
Acq: 18 Aug 2025 10:06

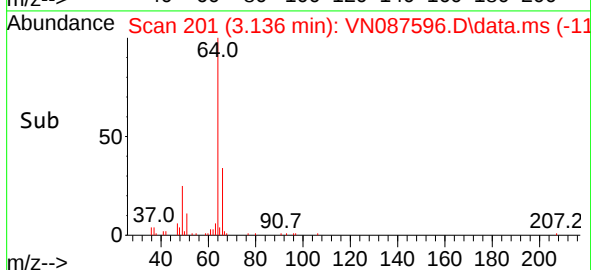
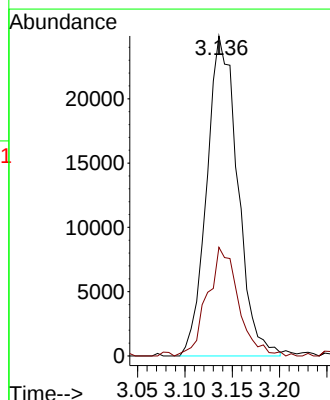
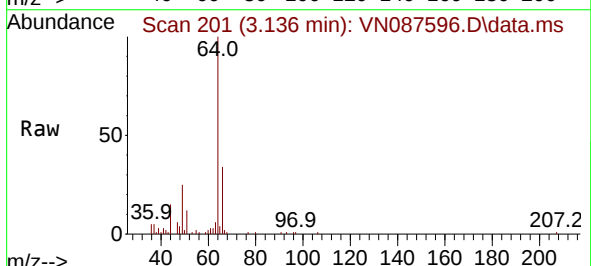
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MSVOA_N
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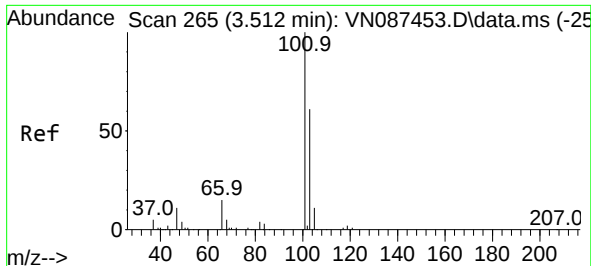
Tgt Ion: 94 Resp: 33770
Ion Ratio Lower Upper
94 100
96 107.7 84.2 126.4



#6
Chloroethane
Concen: 19.032 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.006 min
Lab File: VN087596.D
Acq: 18 Aug 2025 10:06

Tgt Ion: 64 Resp: 56557
Ion Ratio Lower Upper
64 100
66 33.1 25.4 38.0

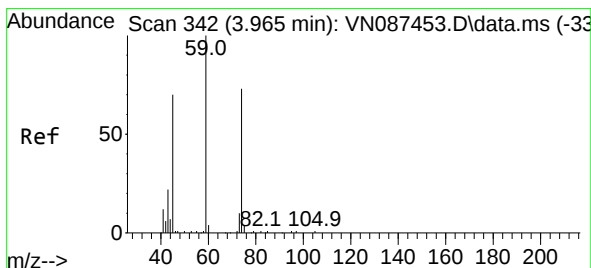
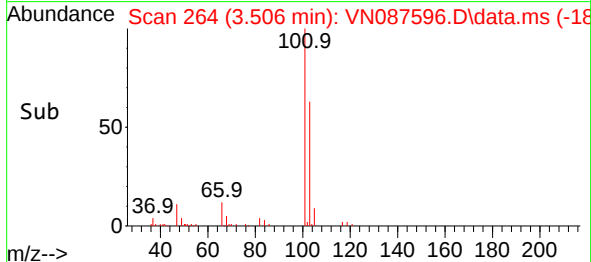
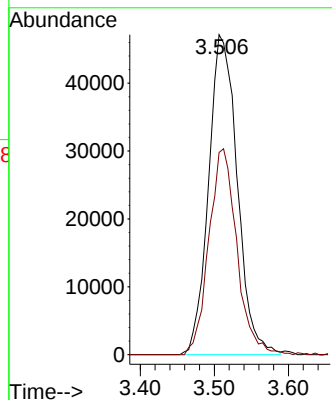
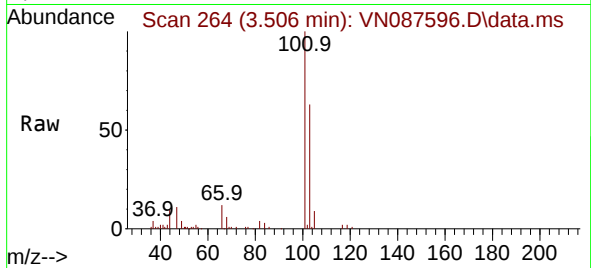




#7
Trichlorofluoromethane
Concen: 19.100 ug/l
RT: 3.506 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN087596.D
Acq: 18 Aug 2025 10:06

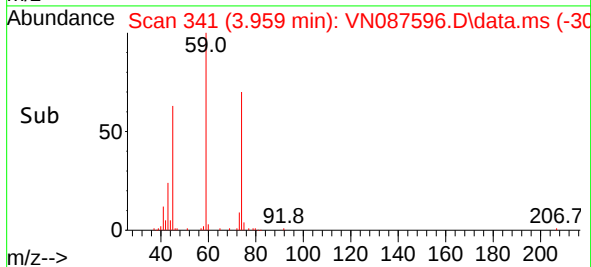
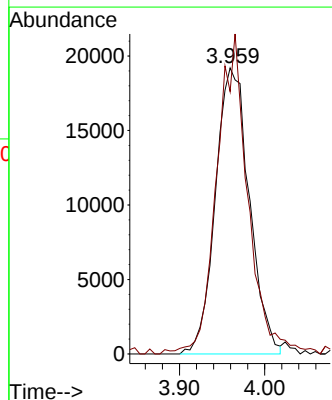
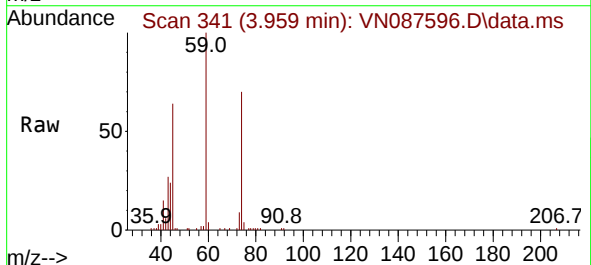
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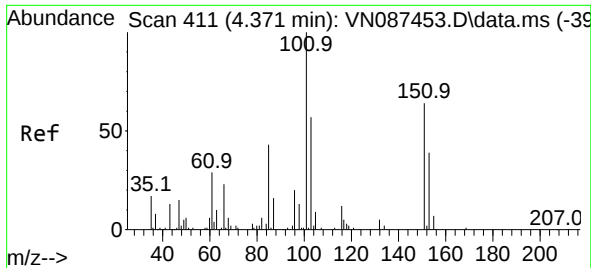
Tgt Ion:101 Resp: 126678
Ion Ratio Lower Upper
101 100
103 63.2 49.2 73.8



#8
Diethyl Ether
Concen: 19.229 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN087596.D
Acq: 18 Aug 2025 10:06

Tgt Ion: 74 Resp: 53133
Ion Ratio Lower Upper
74 100
45 99.8 20.1 180.9

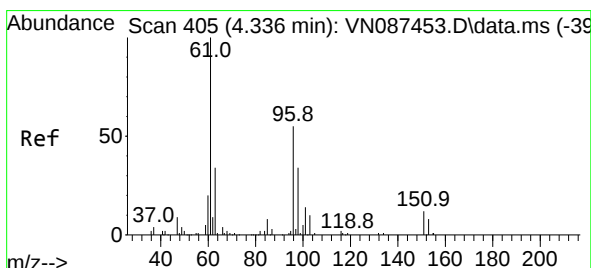
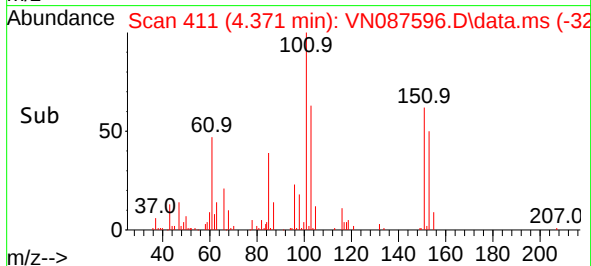
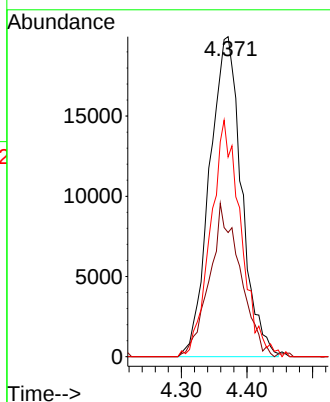
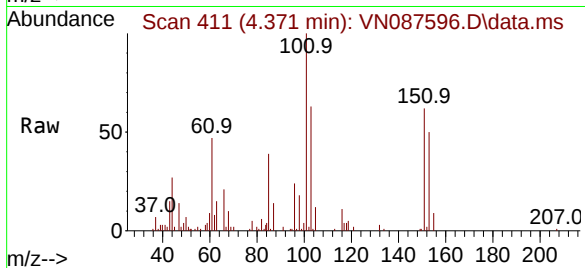




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.988 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. 0.000 min
 Lab File: VN087596.D
 Acq: 18 Aug 2025 10:06

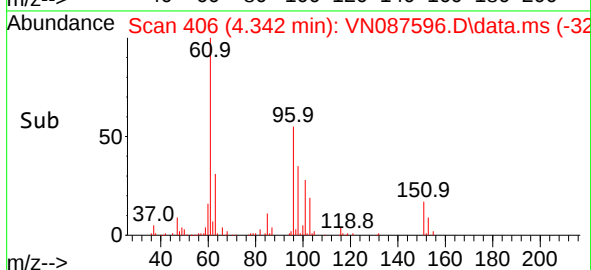
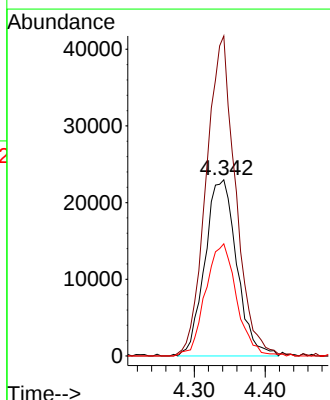
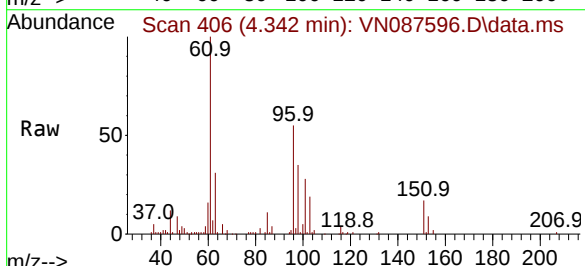
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0818WBS01

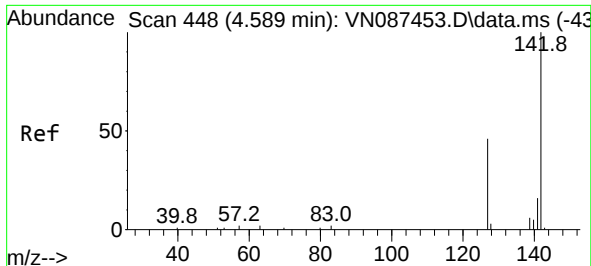
Tgt Ion:101 Resp: 67601
 Ion Ratio Lower Upper
 101 100
 85 27.7 0.0 57.0
 151 65.3 0.0 134.2



#10
 1,1-Dichloroethene
 Concen: 20.107 ug/l
 RT: 4.342 min Scan# 406
 Delta R.T. 0.006 min
 Lab File: VN087596.D
 Acq: 18 Aug 2025 10:06

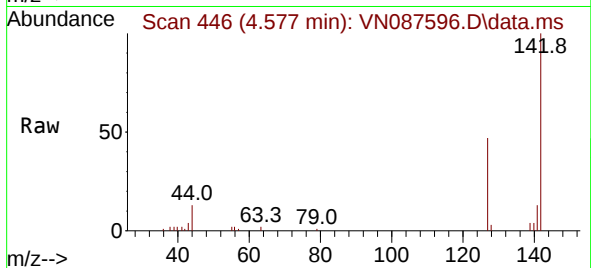
Tgt Ion: 96 Resp: 71432
 Ion Ratio Lower Upper
 96 100
 61 180.5 144.2 216.4
 98 62.9 49.7 74.5



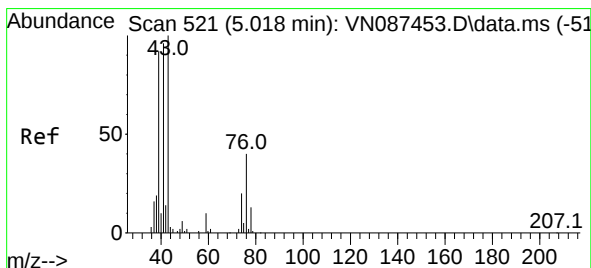
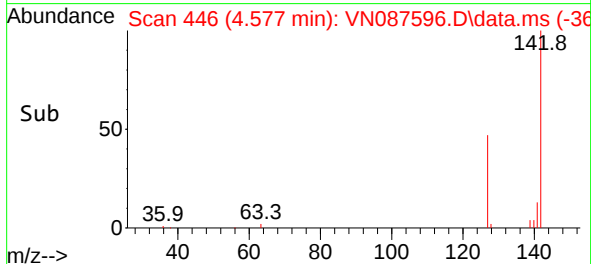
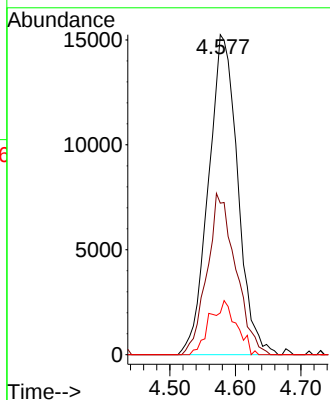


#11
Methyl Iodide
Concen: 16.894 ug/l
RT: 4.577 min Scan# 44
Delta R.T. -0.012 min
Lab File: VN087596.D
Acq: 18 Aug 2025 10:06

Instrument :
MSVOA_N
ClientSampleId :
VN0818WBS01

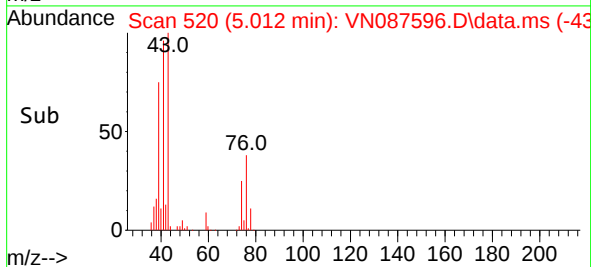
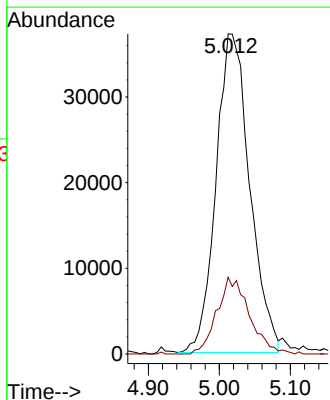
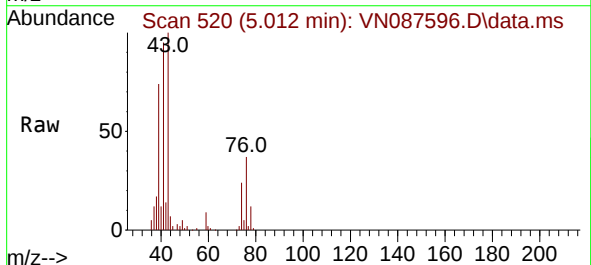


Tgt Ion:142 Resp: 47256
Ion Ratio Lower Upper
142 100
127 47.3 22.9 68.7
141 13.1 7.7 23.1



#12
Methyl Acetate
Concen: 18.732 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN087596.D
Acq: 18 Aug 2025 10:06

Tgt Ion: 43 Resp: 122806
Ion Ratio Lower Upper
43 100
74 24.0 16.0 24.0

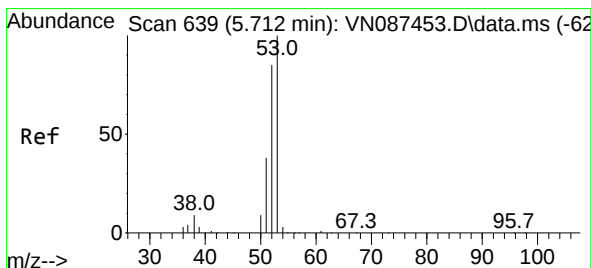
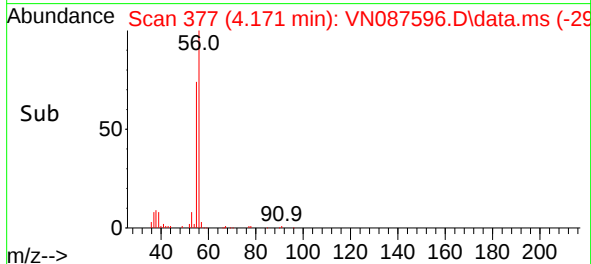
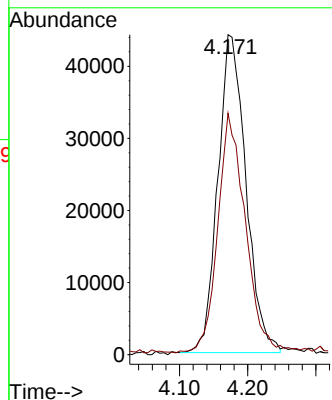
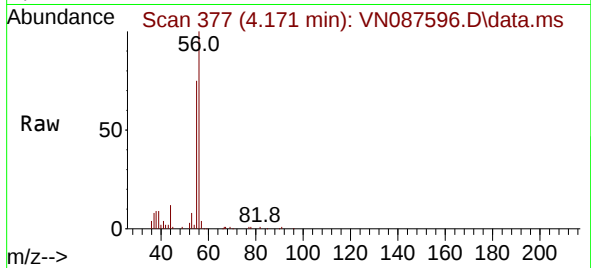




#13
Acrolein
Concen: 126.155 ug/l
RT: 4.171 min Scan# 377
Delta R.T. 0.000 min
Lab File: VN087596.D
Acq: 18 Aug 2025 10:06

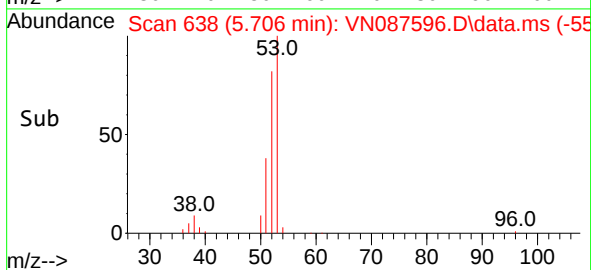
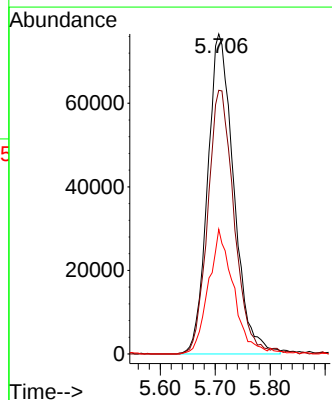
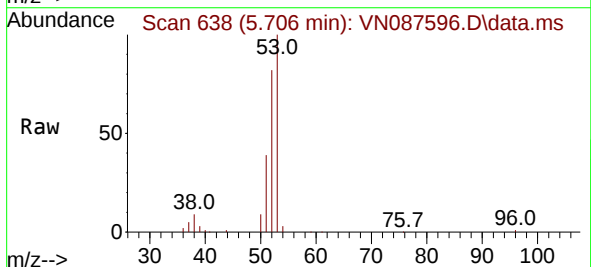
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBS01

Tgt Ion: 56 Resp: 126320
Ion Ratio Lower Upper
56 100
55 75.8 57.4 86.0



#14
Acrylonitrile
Concen: 88.495 ug/l
RT: 5.706 min Scan# 638
Delta R.T. -0.006 min
Lab File: VN087596.D
Acq: 18 Aug 2025 10:06

Tgt Ion: 53 Resp: 253336
Ion Ratio Lower Upper
53 100
52 82.5 42.4 127.2
51 37.1 18.5 55.5

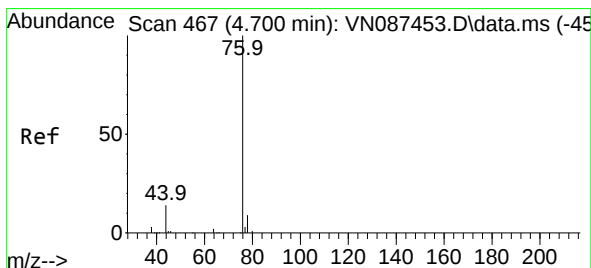
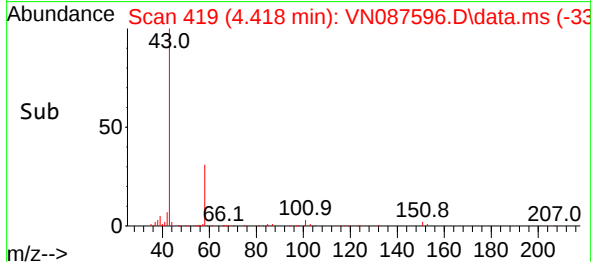
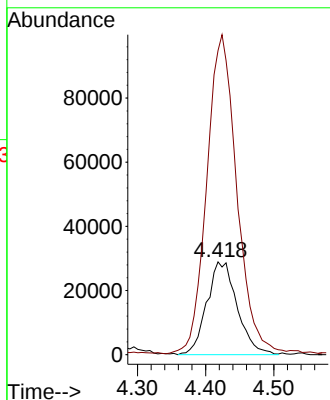
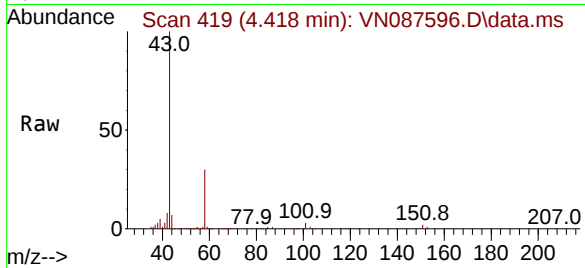




#15
Acetone
Concen: 109.791 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN087596.D
Acq: 18 Aug 2025 10:06

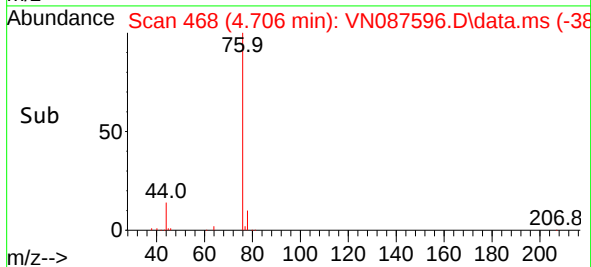
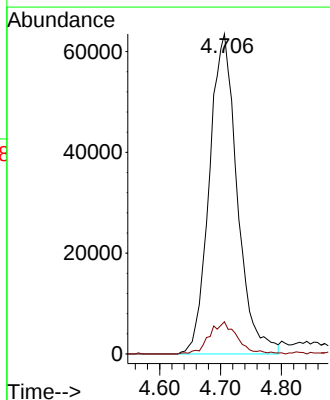
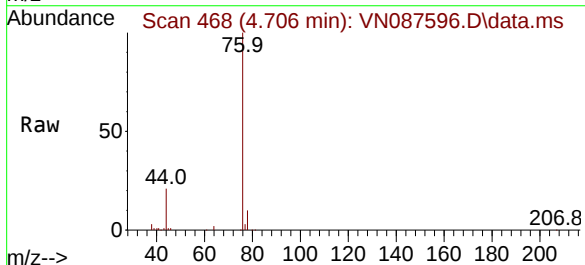
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBS01

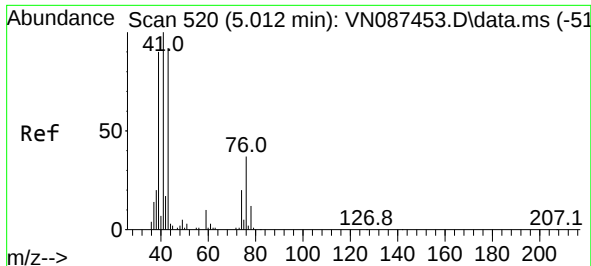
Tgt Ion: 58 Resp: 89804
Ion Ratio Lower Upper
58 100
43 323.3 268.9 403.3



#16
Carbon Disulfide
Concen: 18.341 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.006 min
Lab File: VN087596.D
Acq: 18 Aug 2025 10:06

Tgt Ion: 76 Resp: 202123
Ion Ratio Lower Upper
76 100
78 10.0 7.1 10.7

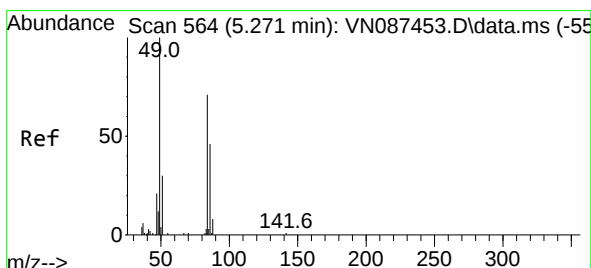
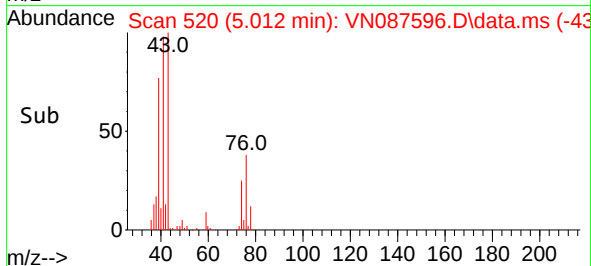
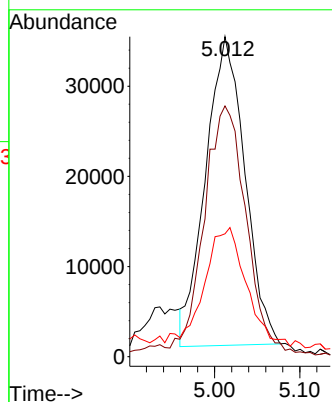
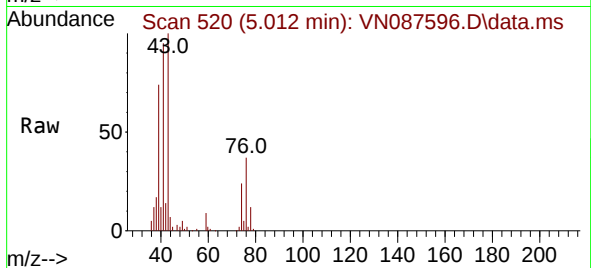




#17
 Allyl chloride
 Concen: 15.164 ug/l
 RT: 5.012 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN087596.D
 Acq: 18 Aug 2025 10:06

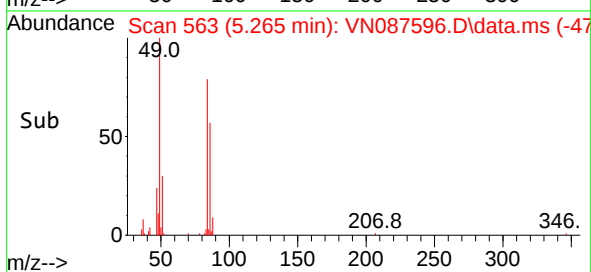
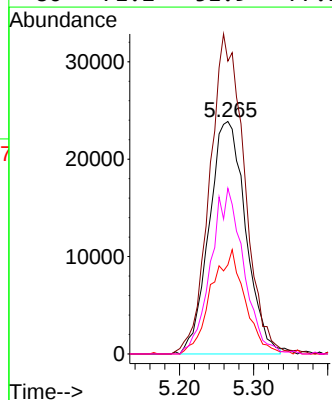
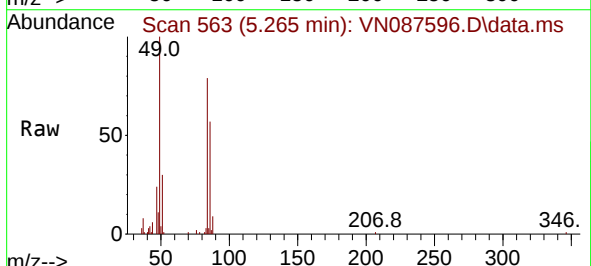
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0818WBS01

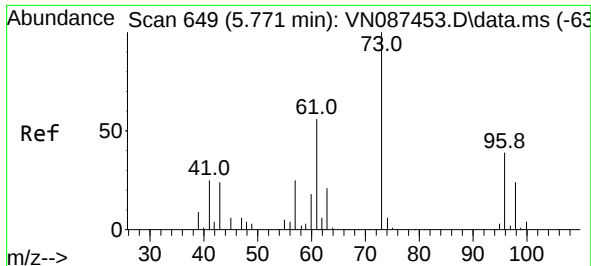
Tgt Ion: 41 Resp: 109801
 Ion Ratio Lower Upper
 41 100
 39 77.2 42.4 127.2
 76 34.4 16.9 50.6



#18
 Methylene Chloride
 Concen: 17.869 ug/l
 RT: 5.265 min Scan# 563
 Delta R.T. -0.006 min
 Lab File: VN087596.D
 Acq: 18 Aug 2025 10:06

Tgt Ion: 84 Resp: 81724
 Ion Ratio Lower Upper
 84 100
 49 123.5 112.9 169.3
 51 38.3 33.8 50.8
 86 71.2 51.9 77.9

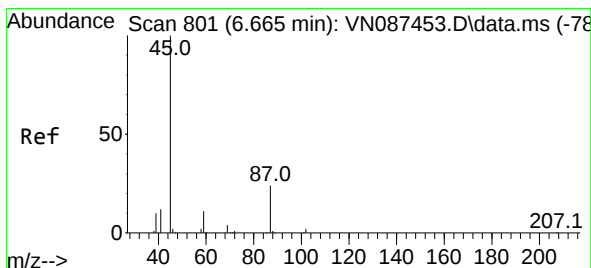
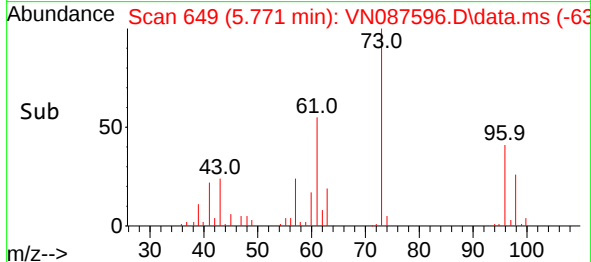
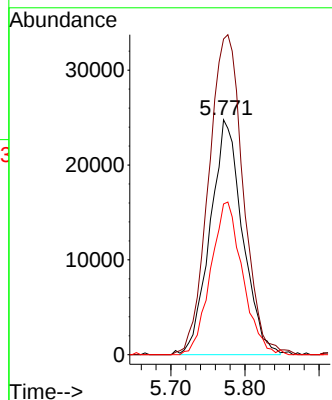
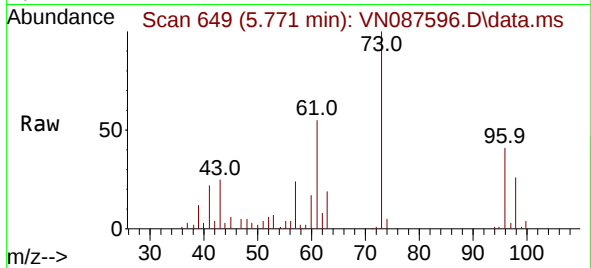




#19
trans-1,2-Dichloroethene
Concen: 17.759 ug/l
RT: 5.771 min Scan# 649
Delta R.T. 0.000 min
Lab File: VN087596.D
Acq: 18 Aug 2025 10:06

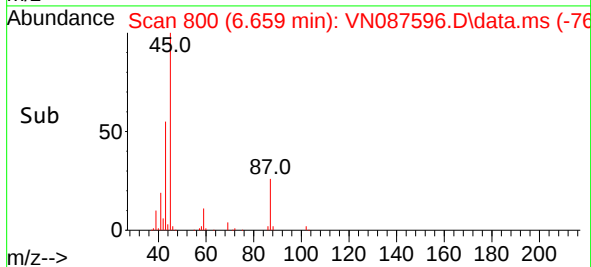
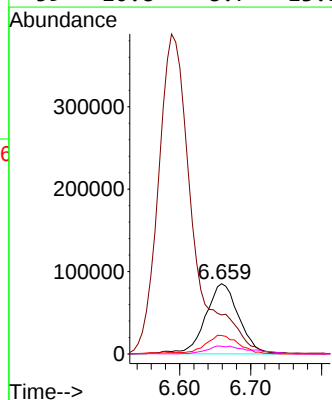
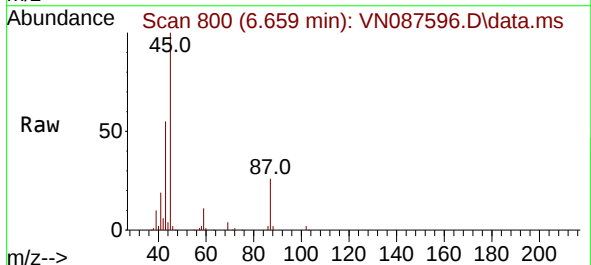
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBS01

Tgt Ion: 96 Resp: 75026
Ion Ratio Lower Upper
96 100
61 133.5 114.2 171.4
98 64.6 48.7 73.1



#20
Diisopropyl ether
Concen: 16.412 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.006 min
Lab File: VN087596.D
Acq: 18 Aug 2025 10:06

Tgt Ion: 45 Resp: 270726
Ion Ratio Lower Upper
45 100
43 54.3 44.7 67.1
87 26.5 20.2 30.2
59 10.8 8.7 13.1

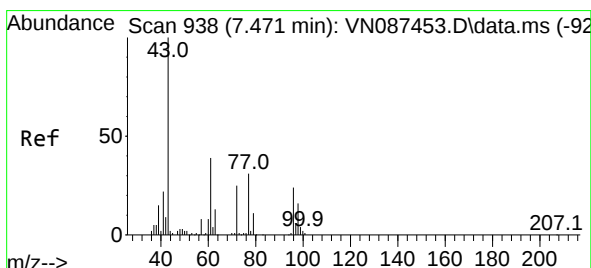
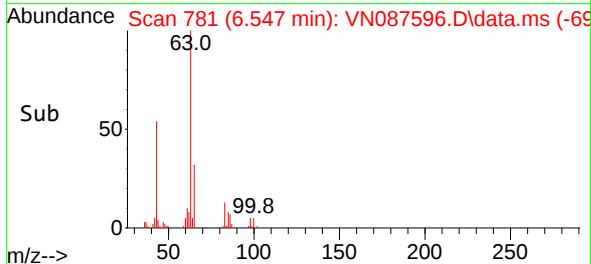
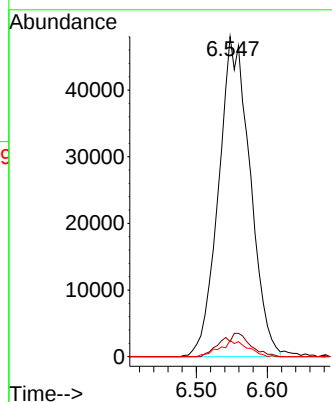
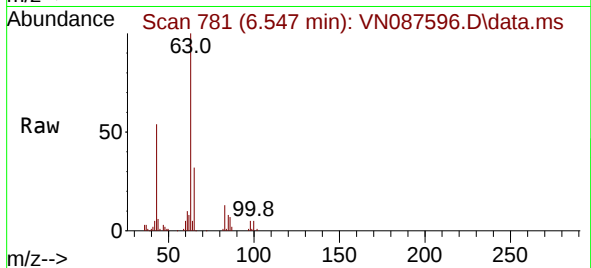




#21
1,1-Dichloroethane
Concen: 17.336 ug/l
RT: 6.547 min Scan# 71
Delta R.T. -0.006 min
Lab File: VN087596.D
Acq: 18 Aug 2025 10:06

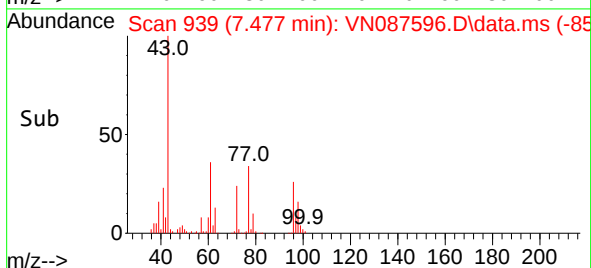
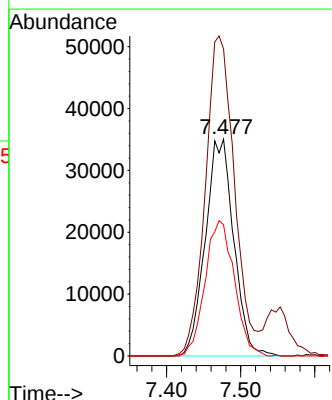
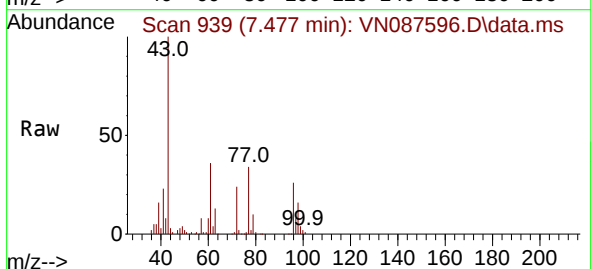
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBS01

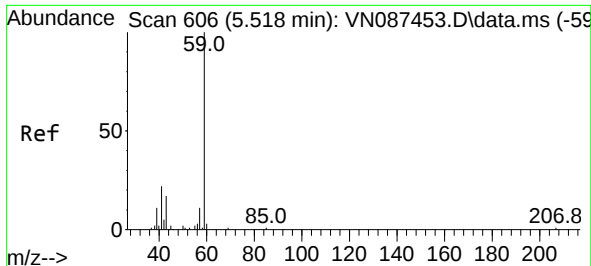
Tgt Ion: 63 Resp: 147822
Ion Ratio Lower Upper
63 100
98 4.7 3.0 9.0
100 5.1 1.9 5.7



#22
cis-1,2-Dichloroethene
Concen: 17.978 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.006 min
Lab File: VN087596.D
Acq: 18 Aug 2025 10:06

Tgt Ion: 96 Resp: 93453
Ion Ratio Lower Upper
96 100
61 151.2 126.6 190.0
98 64.2 50.9 76.3

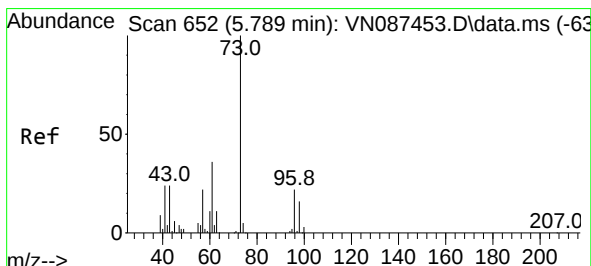
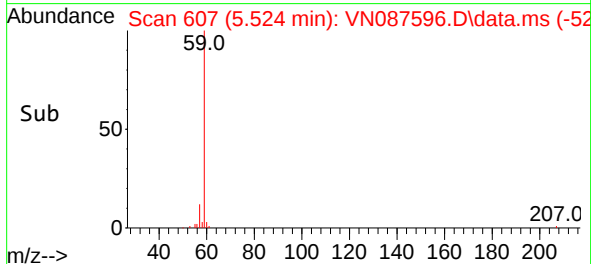
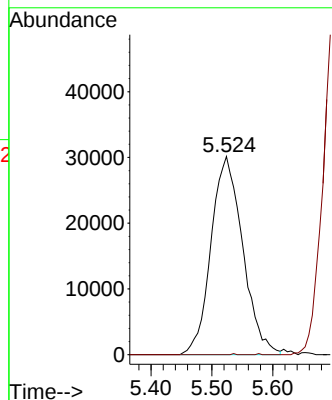
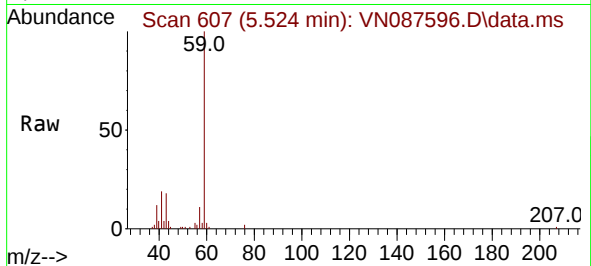




#23
tert-Butyl Alcohol
Concen: 89.752 ug/l
RT: 5.524 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN087596.D
Acq: 18 Aug 2025 10:06

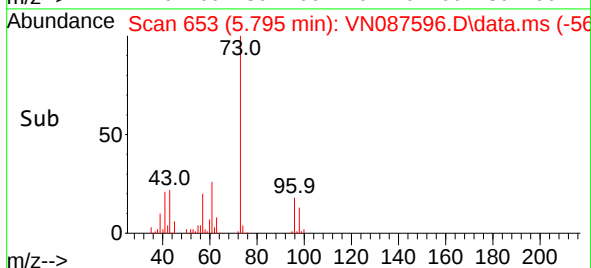
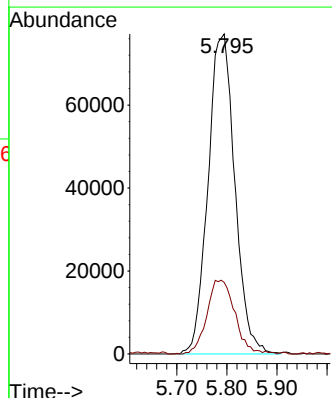
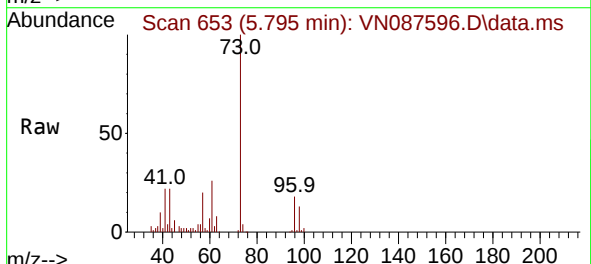
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBS01

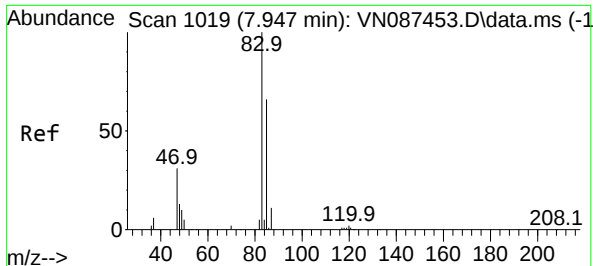
Tgt Ion: 59 Resp: 109179
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 17.693 ug/l
RT: 5.795 min Scan# 653
Delta R.T. 0.006 min
Lab File: VN087596.D
Acq: 18 Aug 2025 10:06

Tgt Ion: 73 Resp: 286415
Ion Ratio Lower Upper
73 100
43 10.9 19.9 29.9#





#25

Chloroform

Concen: 17.815 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VN087596.D

Acq: 18 Aug 2025 10:06

Instrument :

MSVOA_N

ClientSampleId :

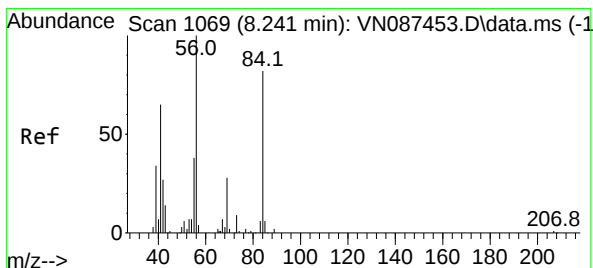
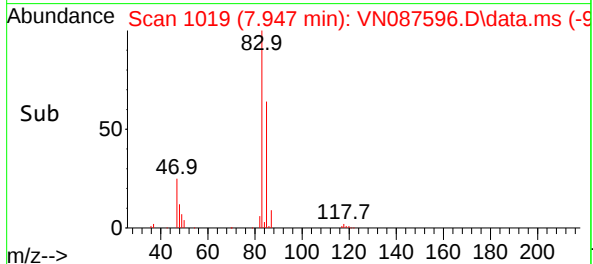
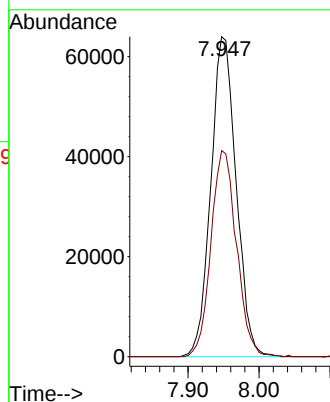
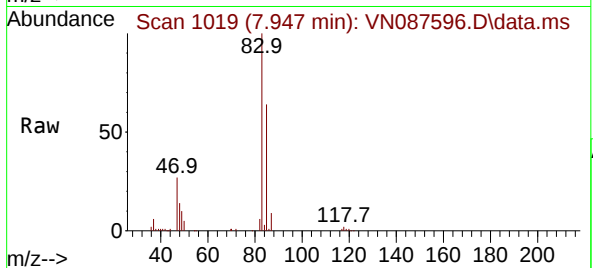
VN0818WBS01

Tgt Ion: 83 Resp: 158559

Ion Ratio Lower Upper

83 100

85 64.4 52.6 78.8



#26

Cyclohexane

Concen: 17.452 ug/l

RT: 8.241 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VN087596.D

Acq: 18 Aug 2025 10:06

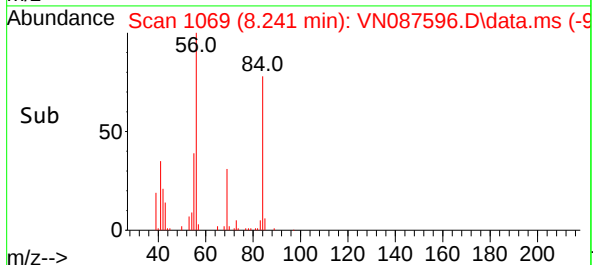
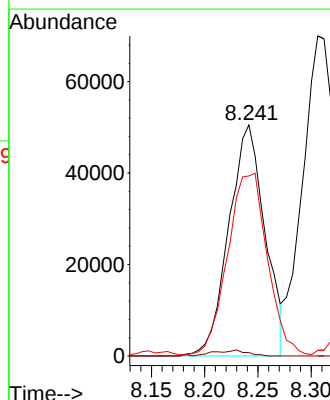
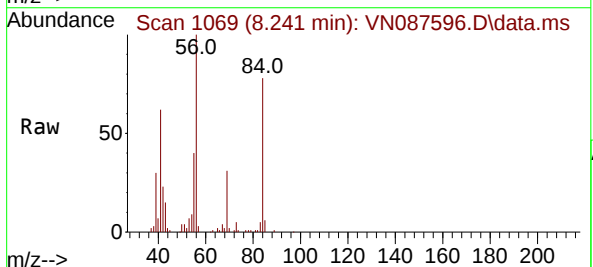
Tgt Ion: 56 Resp: 119147

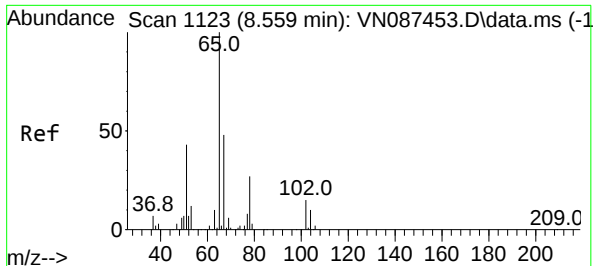
Ion Ratio Lower Upper

56 100

89 1.3 2.3 3.5#

84 87.7 67.0 100.4





#27

1,2-Dichloroethane-d4

Concen: 28.441 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN087596.D

Acq: 18 Aug 2025 10:06

Instrument :

MSVOA_N

ClientSampleId :

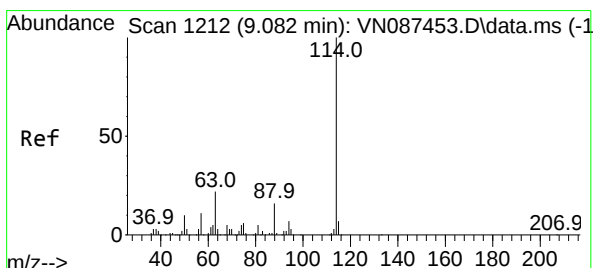
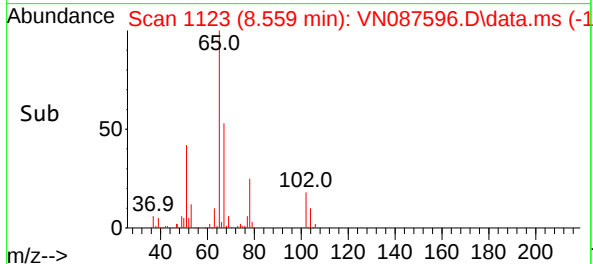
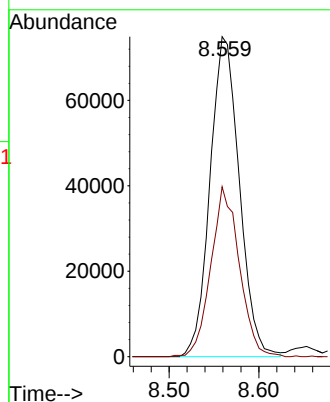
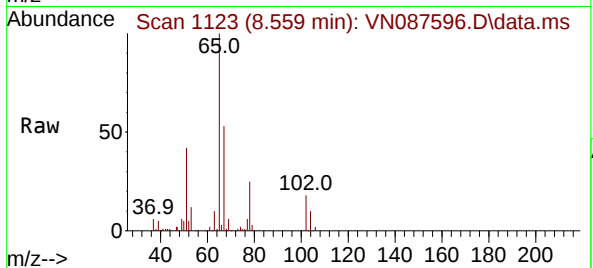
VN0818WBS01

Tgt Ion: 65 Resp: 170159

Ion Ratio Lower Upper

65 100

67 51.3 40.8 61.2



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN087596.D

Acq: 18 Aug 2025 10:06

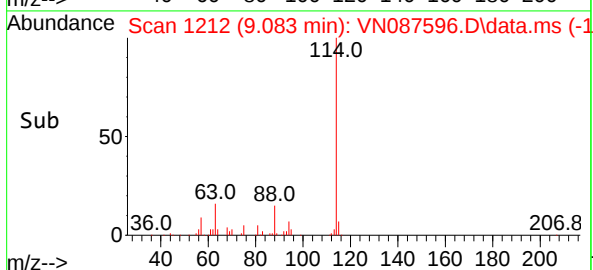
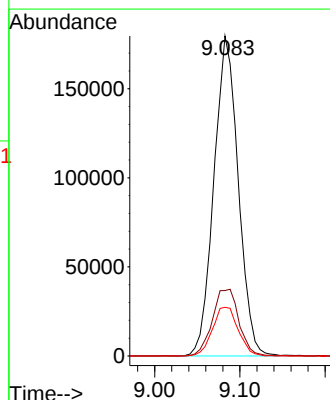
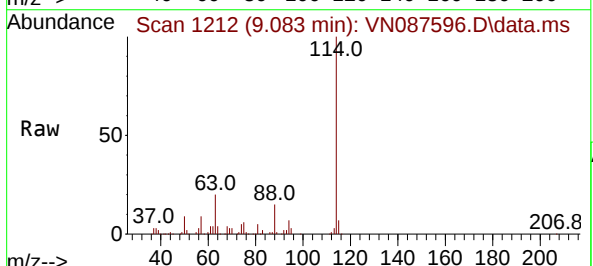
Tgt Ion: 114 Resp: 356557

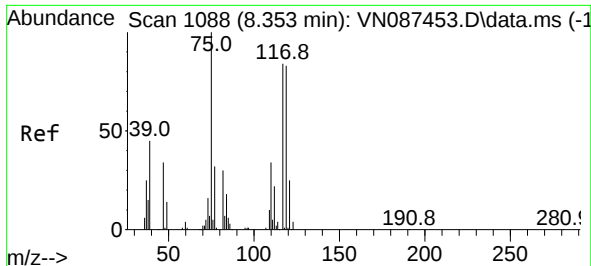
Ion Ratio Lower Upper

114 100

63 22.8 18.9 28.3

88 16.1 13.1 19.7

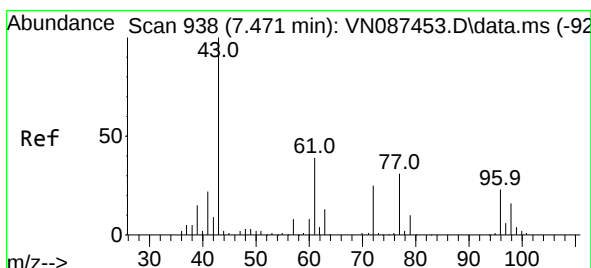
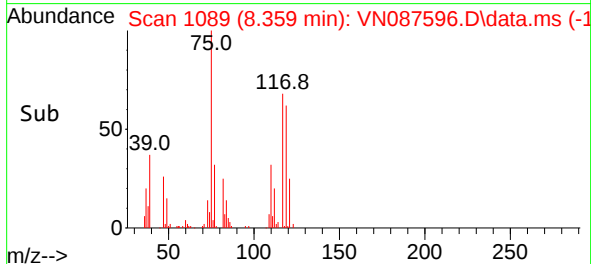
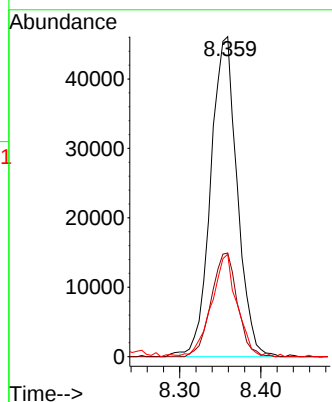
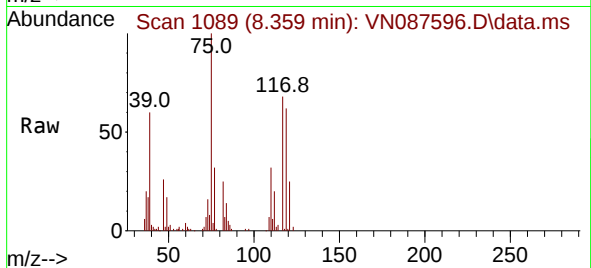




#29
1,1-Dichloropropene
Concen: 17.962 ug/l
RT: 8.359 min Scan# 1088
Delta R.T. 0.006 min
Lab File: VN087596.D
Acq: 18 Aug 2025 10:06

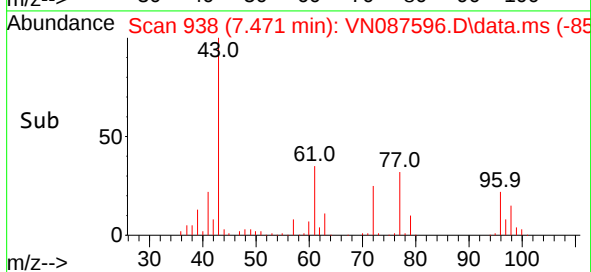
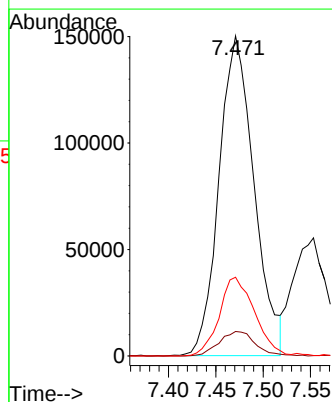
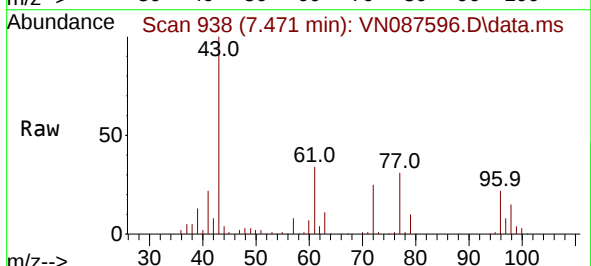
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBS01

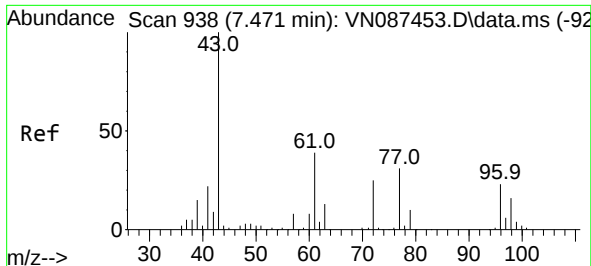
Tgt Ion: 75 Resp: 104460
Ion Ratio Lower Upper
75 100
110 32.0 0.0 65.8
77 30.5 0.0 63.6



#30
2-Butanone
Concen: 90.091 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN087596.D
Acq: 18 Aug 2025 10:06

Tgt Ion: 43 Resp: 386193
Ion Ratio Lower Upper
43 100
57 7.9 6.6 9.8
72 24.8 19.7 29.5





#31

2,2-Dichloropropane

Concen: 18.015 ug/l

RT: 7.471 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN087596.D

Acq: 18 Aug 2025 10:06

Instrument :

MSVOA_N

ClientSampleId :

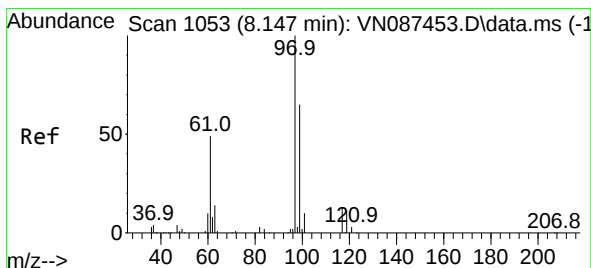
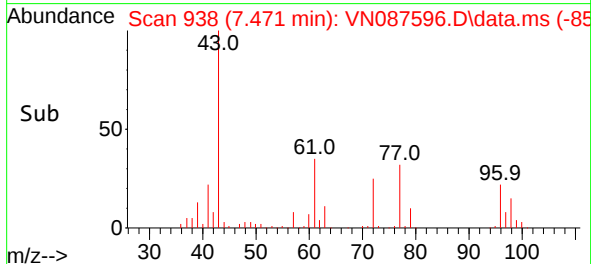
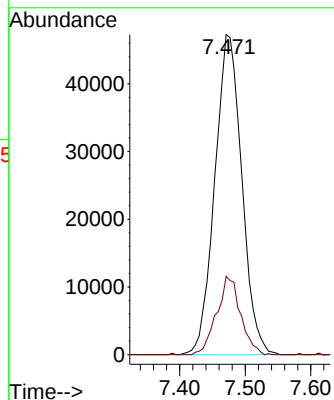
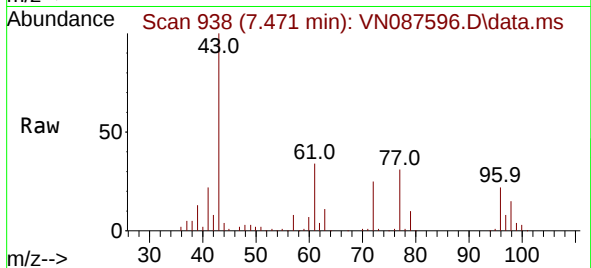
VN0818WBS01

Tgt Ion: 77 Resp: 135120

Ion Ratio Lower Upper

77 100

97 21.5 16.7 25.1



#32

1,1,1-Trichloroethane

Concen: 17.815 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.006 min

Lab File: VN087596.D

Acq: 18 Aug 2025 10:06

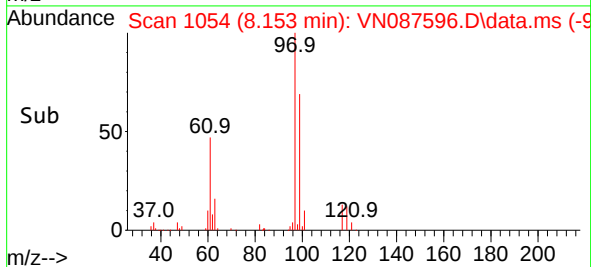
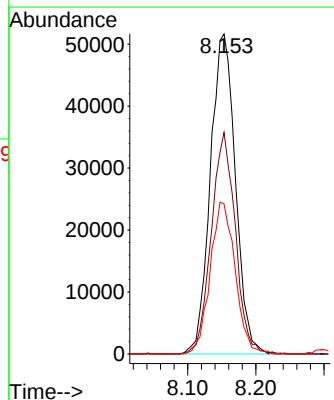
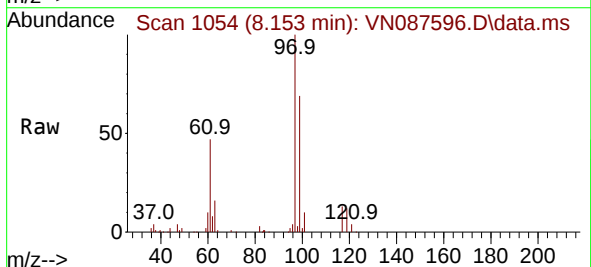
Tgt Ion: 97 Resp: 132136

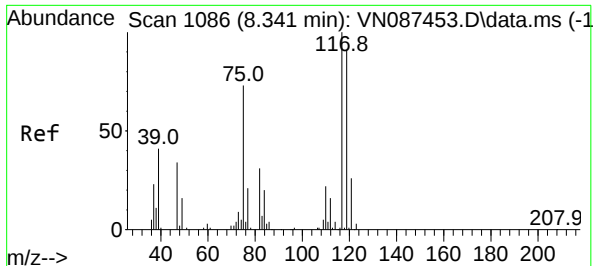
Ion Ratio Lower Upper

97 100

99 66.2 53.0 79.6

61 47.3 40.6 61.0

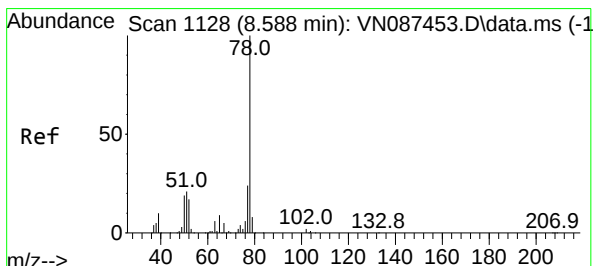
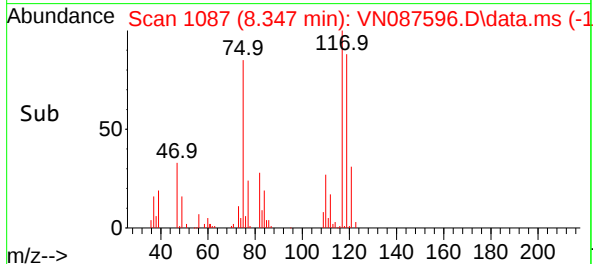
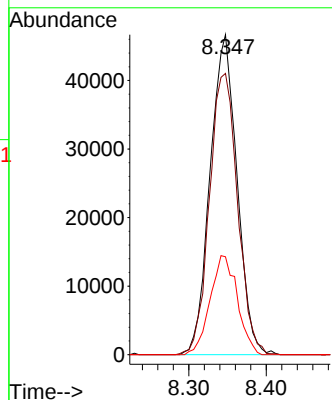
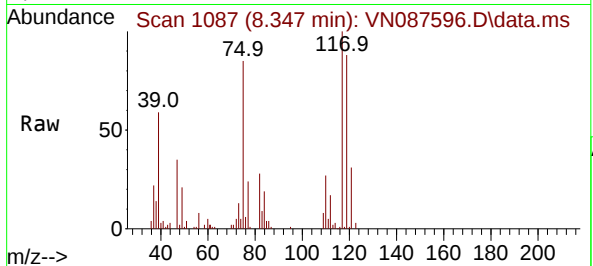




#33
Carbon Tetrachloride
Concen: 18.278 ug/l
RT: 8.347 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VN087596.D
Acq: 18 Aug 2025 10:06

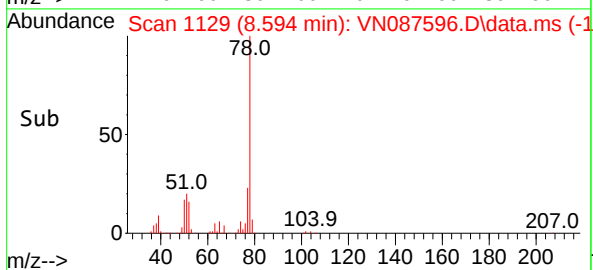
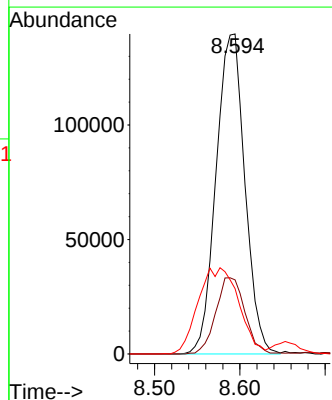
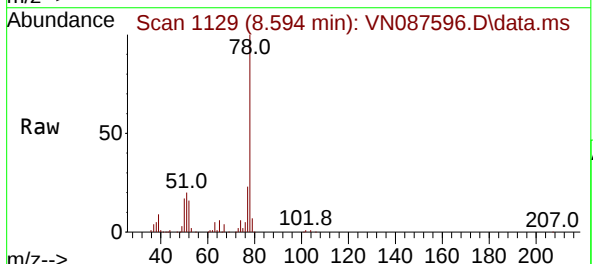
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBS01

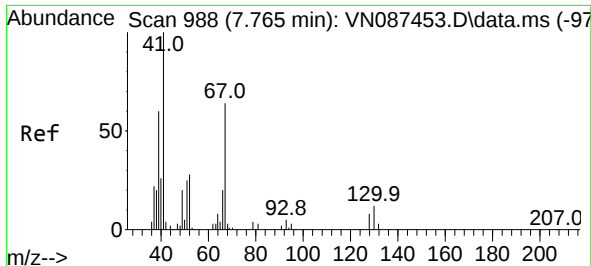
Tgt Ion:117 Resp: 112626
Ion Ratio Lower Upper
117 100
119 87.9 73.4 110.0
121 30.6 21.1 31.7



#34
Benzene
Concen: 17.902 ug/l
RT: 8.594 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VN087596.D
Acq: 18 Aug 2025 10:06

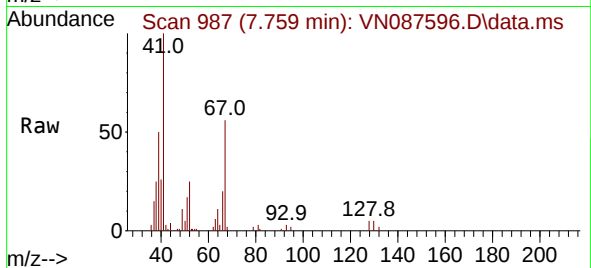
Tgt Ion: 78 Resp: 328631
Ion Ratio Lower Upper
78 100
77 23.1 19.2 28.8
51 18.9 16.9 25.3



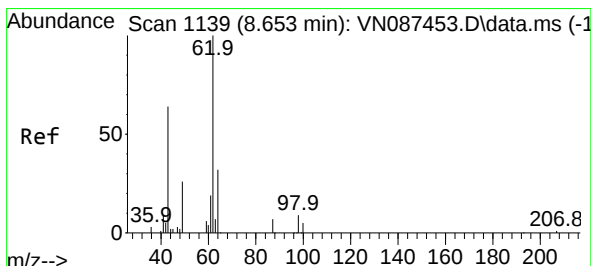
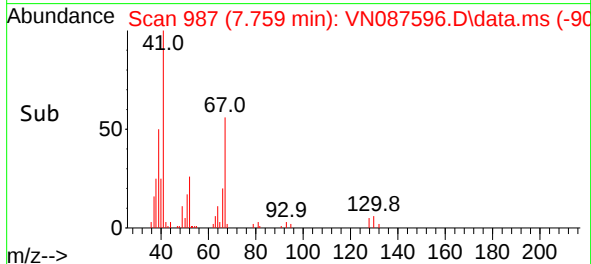
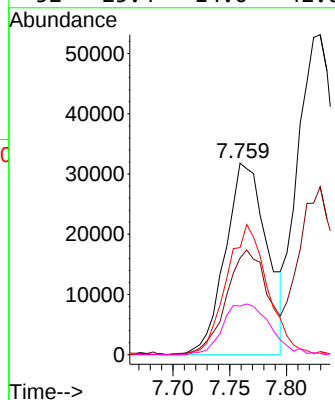


#35
Methacrylonitrile
Concen: 17.615 ug/l
RT: 7.759 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087596.D
Acq: 18 Aug 2025 10:06

Instrument :
MSVOA_N
ClientSampleId :
VN0818WBS01

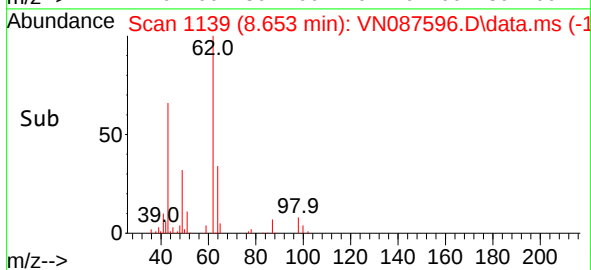
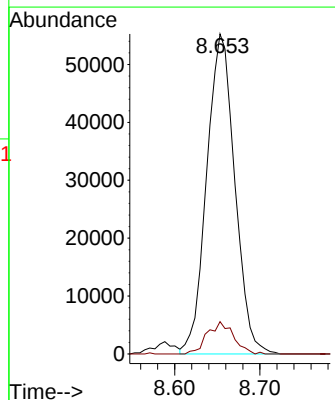
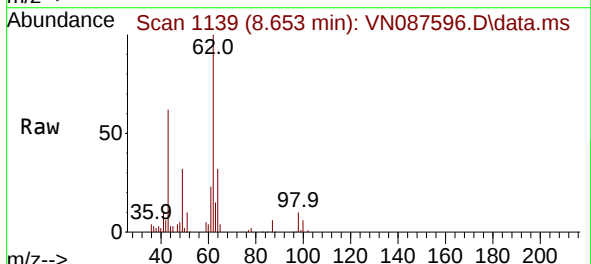


Tgt Ion:	41	Resp:	81486
Ion	Ratio	Lower	Upper
41	100		
39	49.8	30.1	90.5
67	55.9	32.0	96.2
52	25.4	14.0	42.0



#36
1,2-Dichloroethane
Concen: 17.097 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087596.D
Acq: 18 Aug 2025 10:06

Tgt Ion:	62	Resp:	126853
Ion	Ratio	Lower	Upper
62	100		
98	5.5	6.6	9.8#

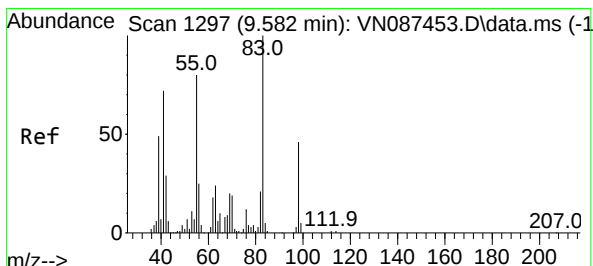
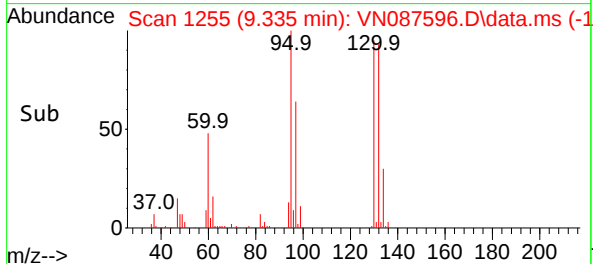
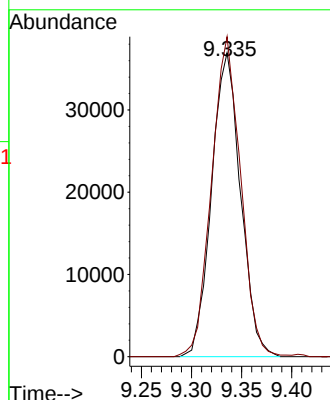
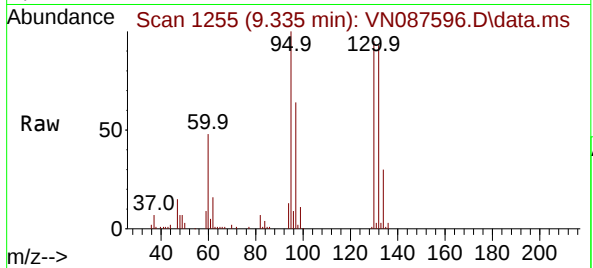




#37
Trichloroethene
Concen: 18.375 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN087596.D
Acq: 18 Aug 2025 10:06

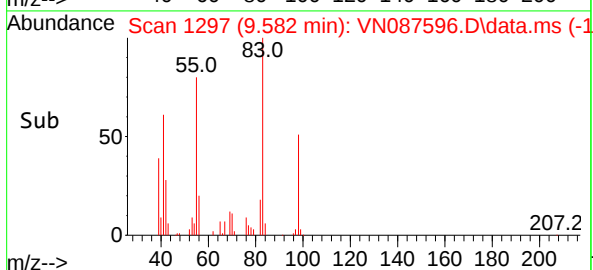
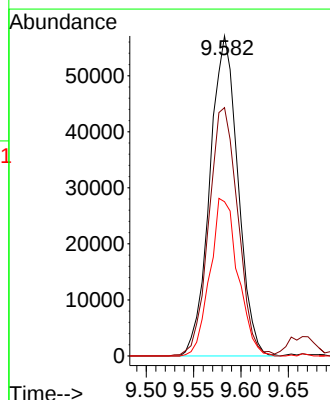
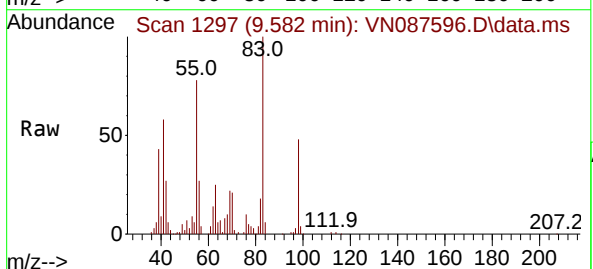
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBS01

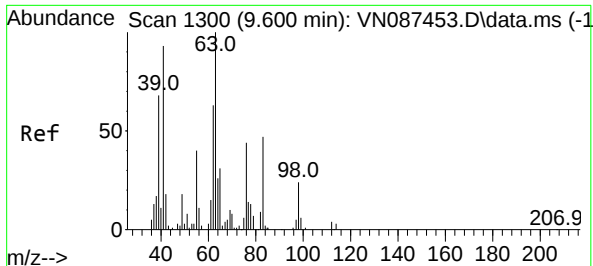
Tgt Ion:130 Resp: 74306
Ion Ratio Lower Upper
130 100
95 104.8 91.4 137.2



#38
Methylcyclohexane
Concen: 17.481 ug/l
RT: 9.582 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN087596.D
Acq: 18 Aug 2025 10:06

Tgt Ion: 83 Resp: 117937
Ion Ratio Lower Upper
83 100
55 80.2 41.2 123.6
98 48.9 23.3 69.9





#39

1,2-Dichloropropane

Concen: 17.697 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN087596.D

Acq: 18 Aug 2025 10:06

Instrument :

MSVOA_N

ClientSampleId :

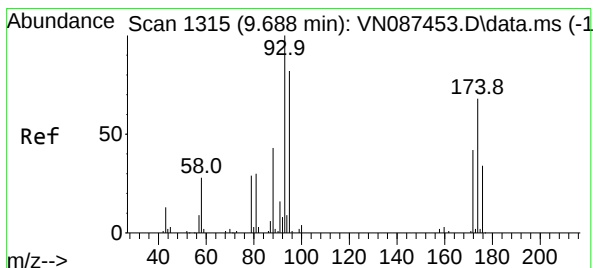
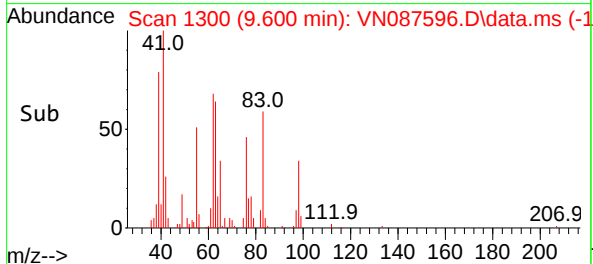
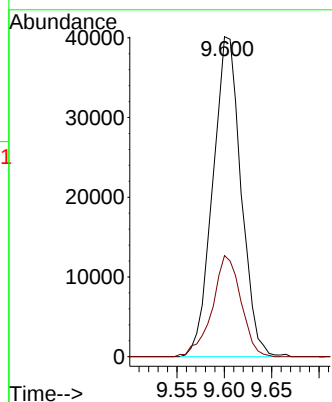
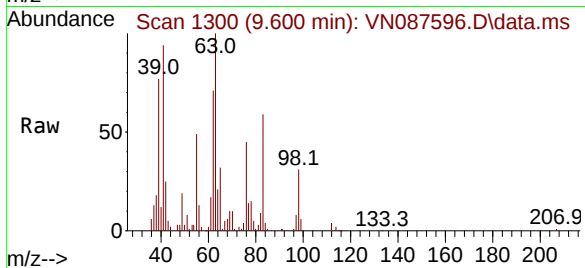
VN0818WBS01

Tgt Ion: 63 Resp: 83296

Ion Ratio Lower Upper

63 100

65 31.6 24.6 36.8



#40

Dibromomethane

Concen: 17.510 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN087596.D

Acq: 18 Aug 2025 10:06

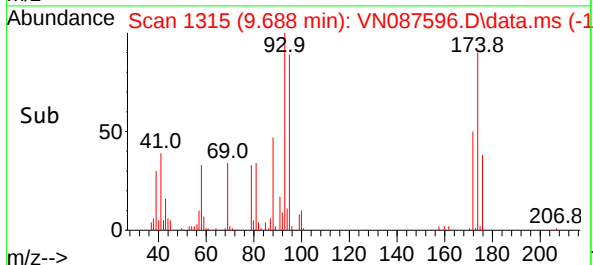
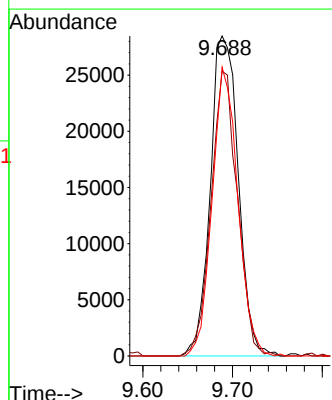
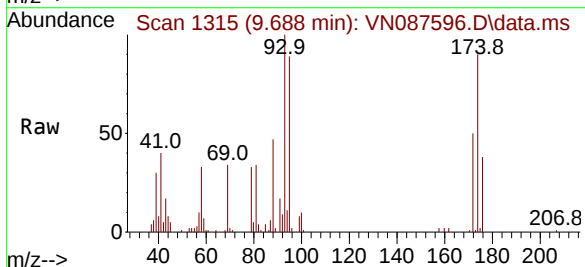
Tgt Ion: 93 Resp: 61834

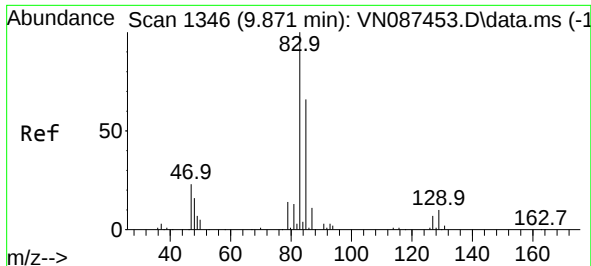
Ion Ratio Lower Upper

93 100

95 83.7 0.0 161.6

174 82.7 0.0 151.4

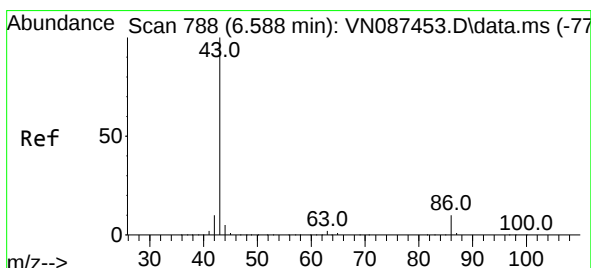
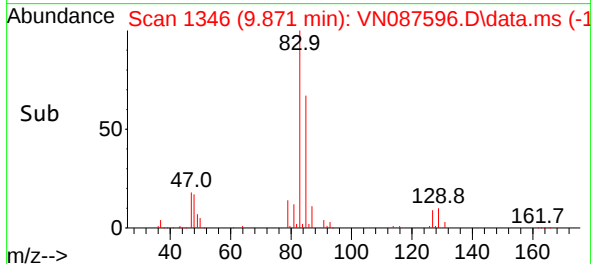
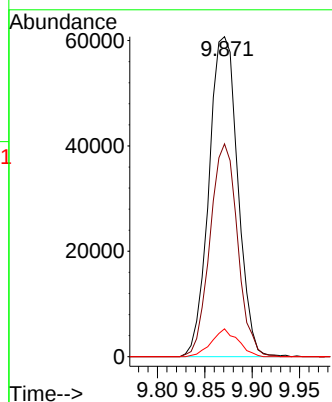
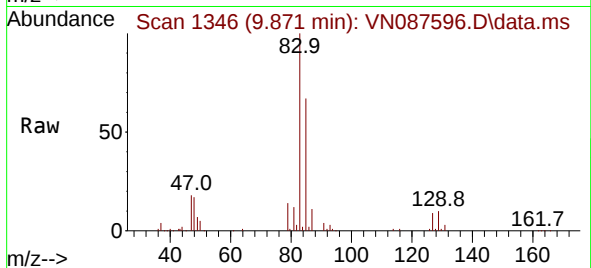




#41
Bromodichloromethane
Concen: 17.500 ug/l
RT: 9.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087596.D
Acq: 18 Aug 2025 10:06

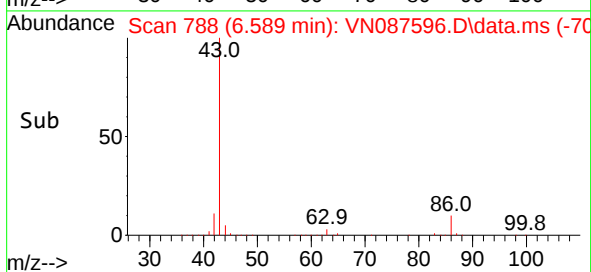
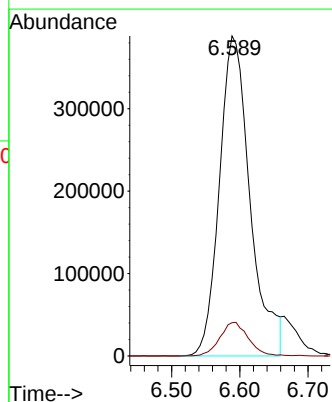
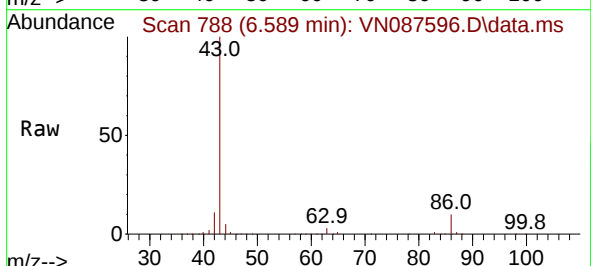
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBS01

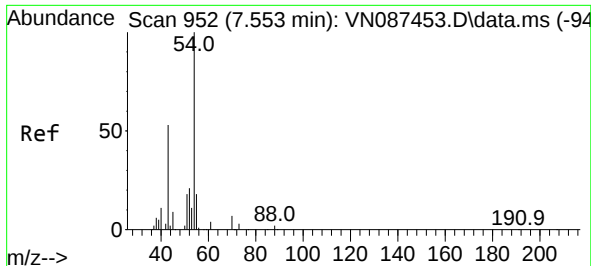
Tgt Ion: 83 Resp: 128416
Ion Ratio Lower Upper
83 100
85 66.5 52.9 79.3
127 8.7 5.8 8.6#



#42
Vinyl Acetate
Concen: 86.215 ug/l
RT: 6.589 min Scan# 788
Delta R.T. 0.000 min
Lab File: VN087596.D
Acq: 18 Aug 2025 10:06

Tgt Ion: 43 Resp: 1217078
Ion Ratio Lower Upper
43 100
86 9.8 7.3 10.9

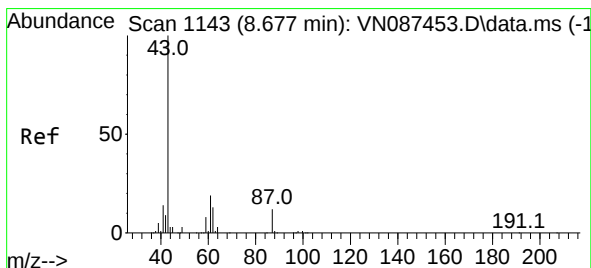
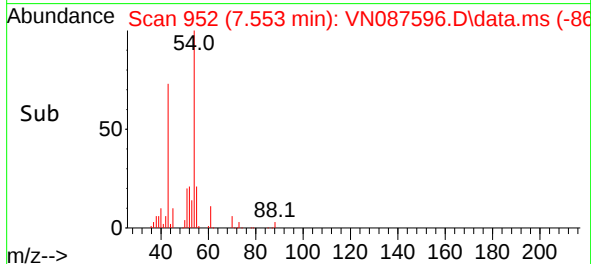
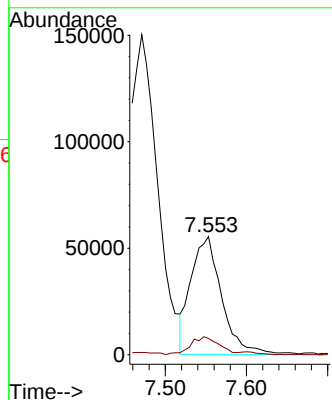
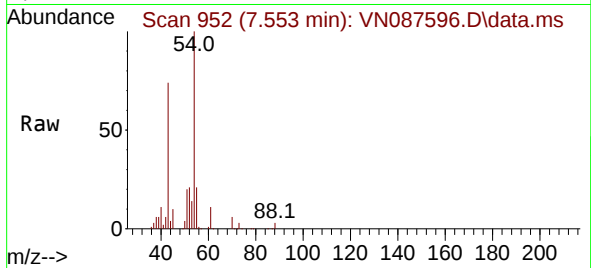




#43
Ethyl Acetate
Concen: 17.536 ug/l
RT: 7.553 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087596.D
Acq: 18 Aug 2025 10:06

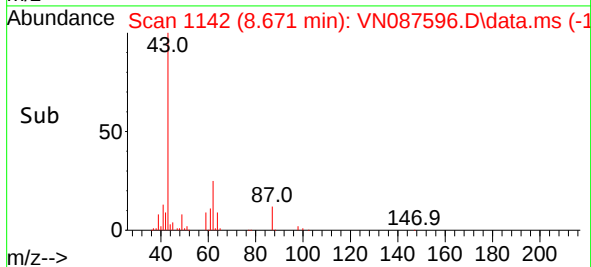
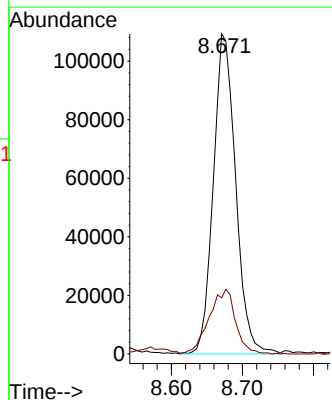
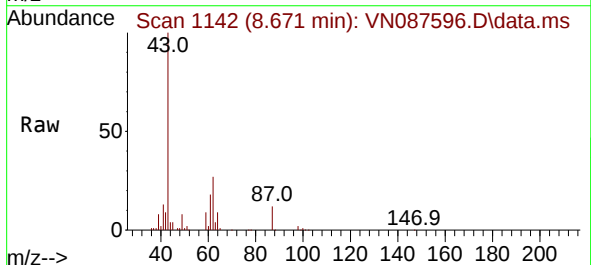
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBS01

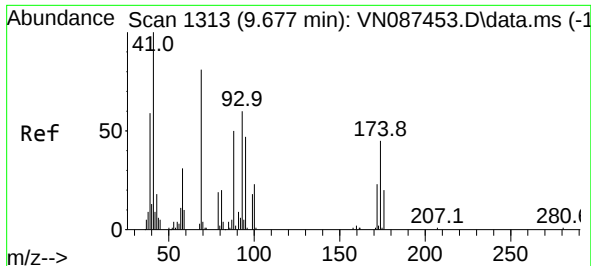
Tgt Ion: 43 Resp: 145219
Ion Ratio Lower Upper
43 100
45 13.7 11.1 16.7



#44
Isopropyl Acetate
Concen: 16.998 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN087596.D
Acq: 18 Aug 2025 10:06

Tgt Ion: 43 Resp: 238620
Ion Ratio Lower Upper
43 100
61 23.3 18.6 28.0





#45

1,4-Dioxane

Concen: 393.125 ug/l

RT: 9.682 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087596.D

Acq: 18 Aug 2025 10:06

Instrument :

MSVOA_N

ClientSampleId :

VN0818WBS01

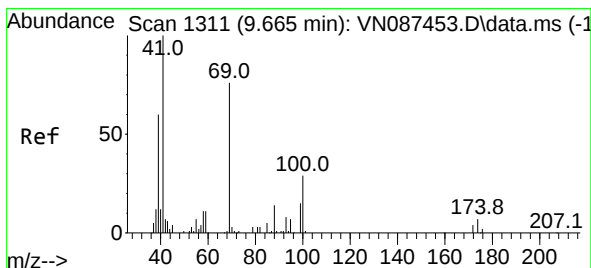
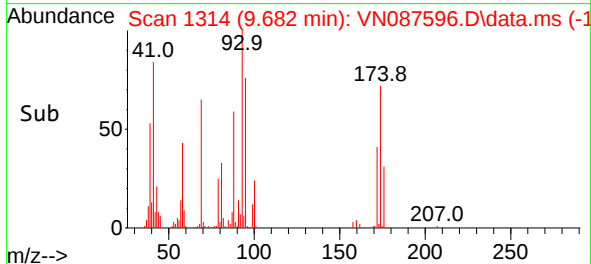
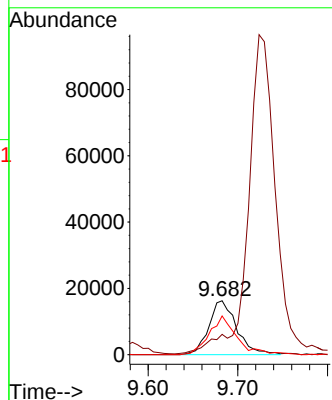
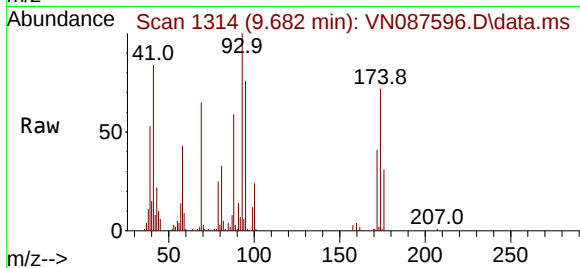
Tgt Ion: 88 Resp: 35181

Ion Ratio Lower Upper

88 100

43 27.0 24.1 36.1

58 64.3 57.2 85.8



#46

Methyl methacrylate

Concen: 16.286 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VN087596.D

Acq: 18 Aug 2025 10:06

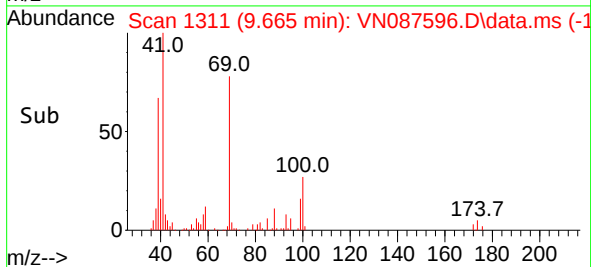
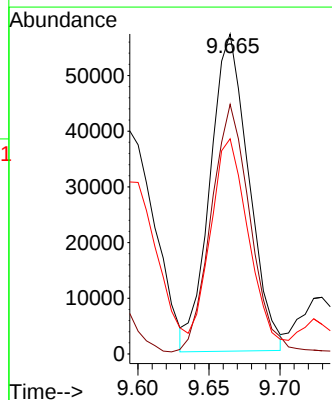
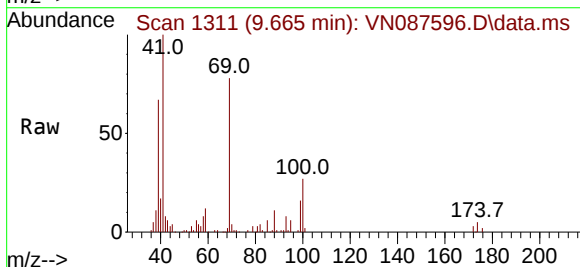
Tgt Ion: 41 Resp: 107919

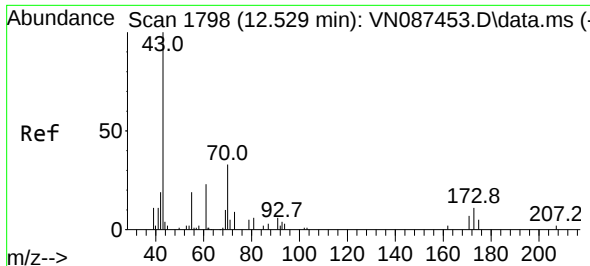
Ion Ratio Lower Upper

41 100

69 81.5 37.1 111.5

39 66.7 30.7 92.1

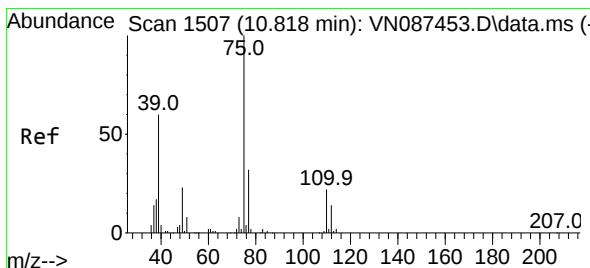
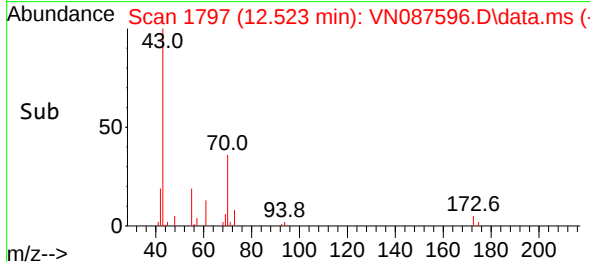
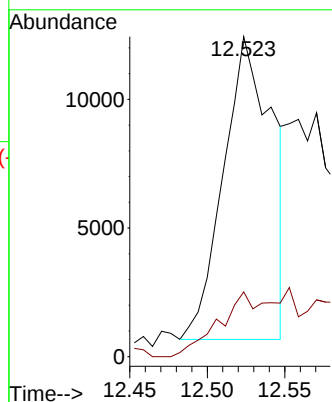
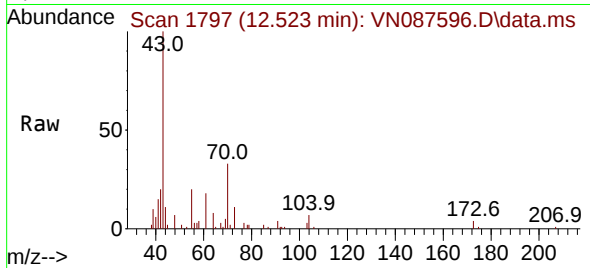




#47
n-amy1 Acetate
Concen: 3.327 ug/l
RT: 12.523 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087596.D
Acq: 18 Aug 2025 10:06

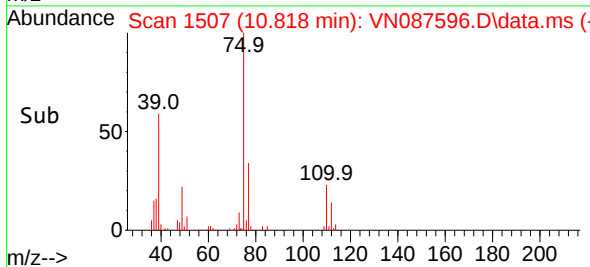
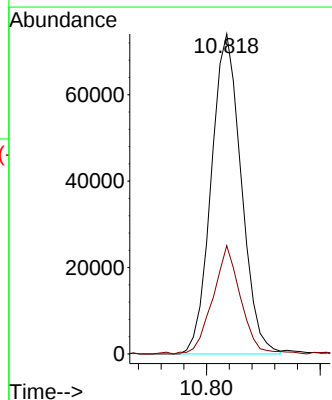
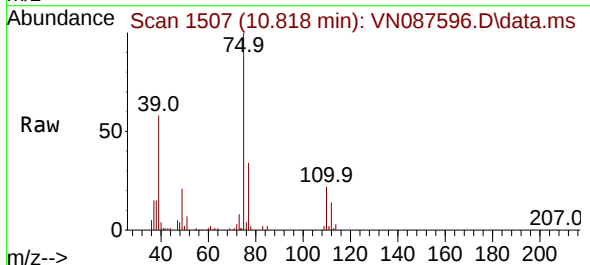
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBS01

Tgt Ion: 43 Resp: 25801
Ion Ratio Lower Upper
43 100
55 15.3 4.6 6.8#



#48
t-1,3-Dichloropropene
Concen: 16.994 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VN087596.D
Acq: 18 Aug 2025 10:06

Tgt Ion: 75 Resp: 135668
Ion Ratio Lower Upper
75 100
77 33.3 25.3 37.9

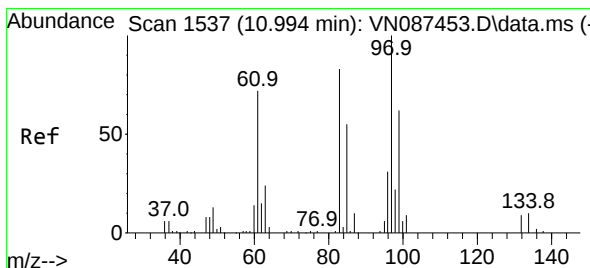
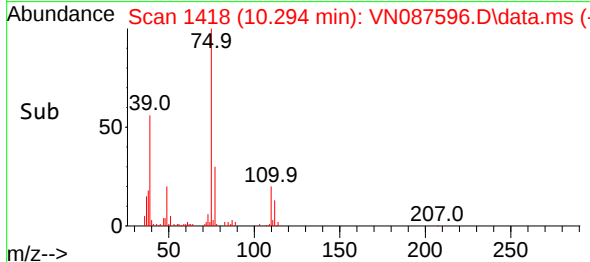
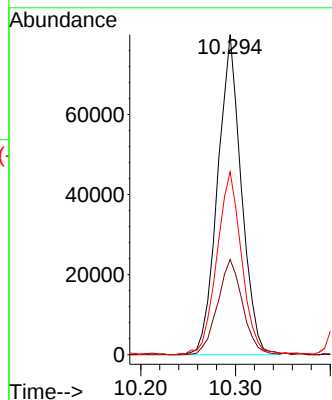
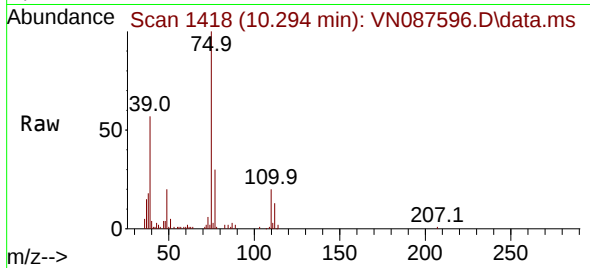




#49
 cis-1,3-Dichloropropene
 Concen: 17.308 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VN087596.D
 Acq: 18 Aug 2025 10:06

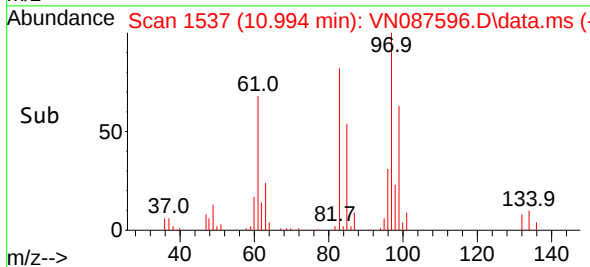
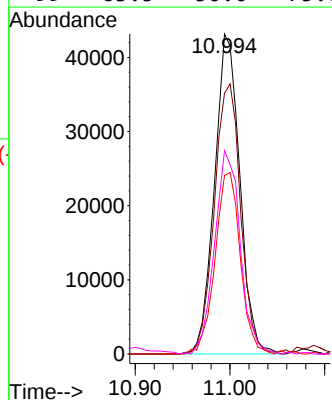
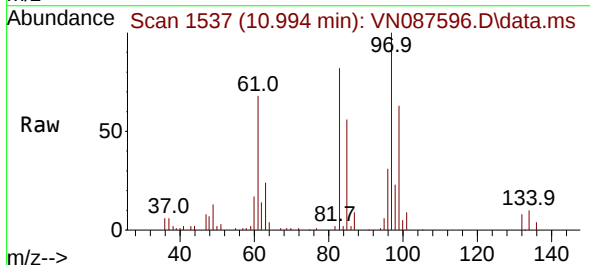
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0818WBS01

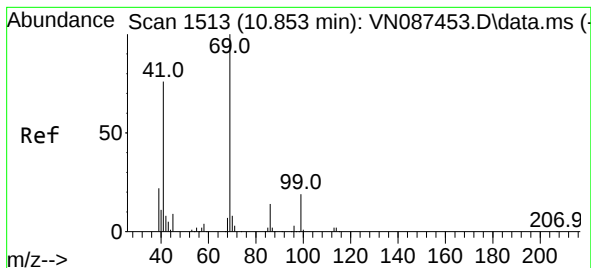
Tgt Ion: 75 Resp: 139058
 Ion Ratio Lower Upper
 75 100
 77 29.8 24.6 36.8
 39 56.8 51.5 77.3



#50
 1,1,2-Trichloroethane
 Concen: 17.956 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. 0.000 min
 Lab File: VN087596.D
 Acq: 18 Aug 2025 10:06

Tgt Ion: 97 Resp: 80118
 Ion Ratio Lower Upper
 97 100
 83 81.5 66.2 99.2
 85 55.8 43.9 65.9
 99 63.5 50.0 75.0

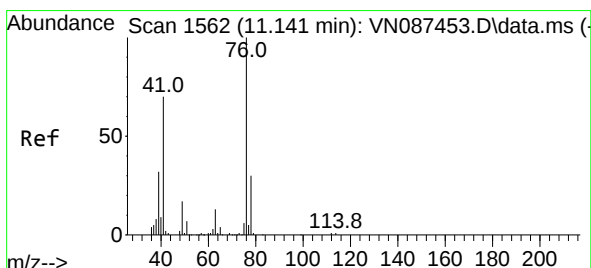
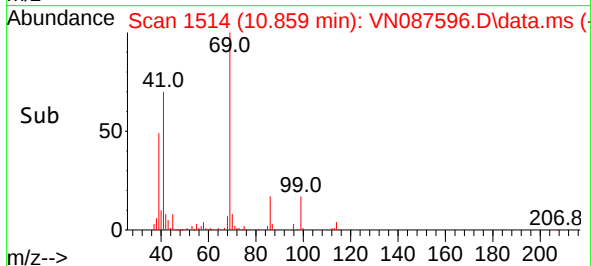
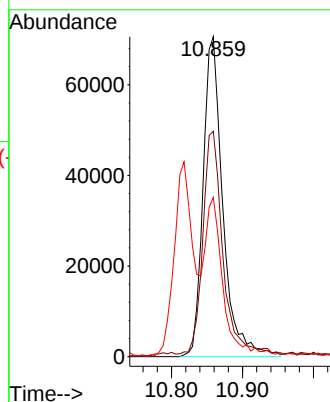
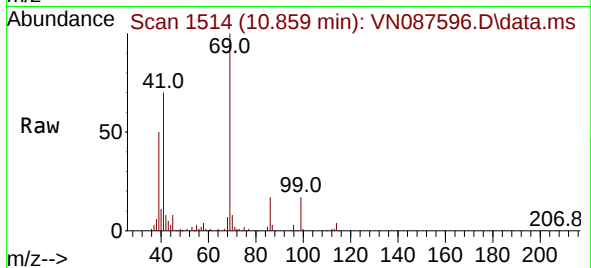




#51
Ethyl methacrylate
Concen: 17.385 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN087596.D
Acq: 18 Aug 2025 10:06

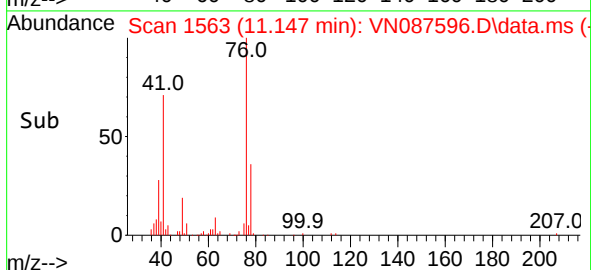
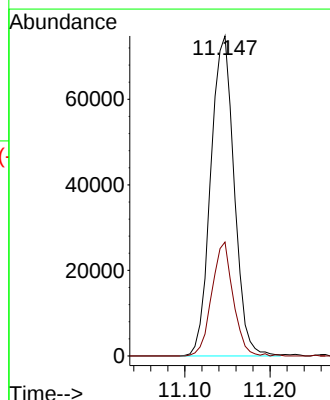
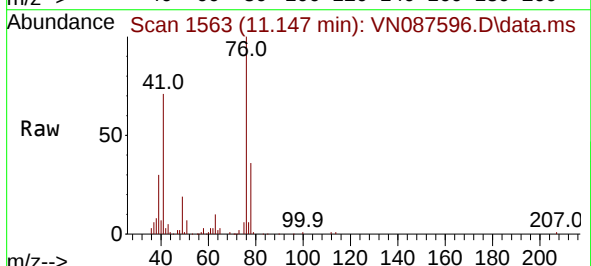
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBS01

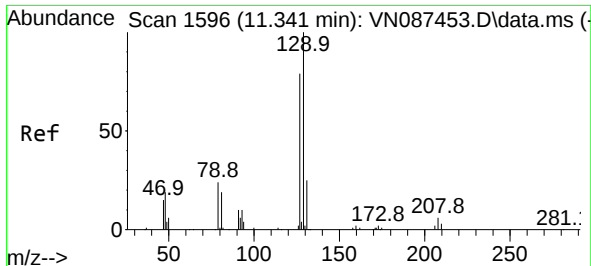
Tgt Ion: 69 Resp: 136612
Ion Ratio Lower Upper
69 100
41 69.5 38.0 114.1
39 48.5 23.2 69.5



#52
1,3-Dichloropropane
Concen: 17.782 ug/l
RT: 11.147 min Scan# 1563
Delta R.T. 0.006 min
Lab File: VN087596.D
Acq: 18 Aug 2025 10:06

Tgt Ion: 76 Resp: 142937
Ion Ratio Lower Upper
76 100
78 32.3 0.0 63.0

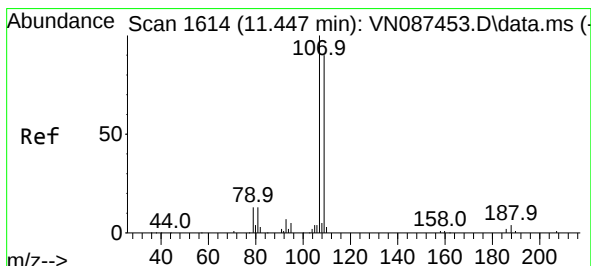
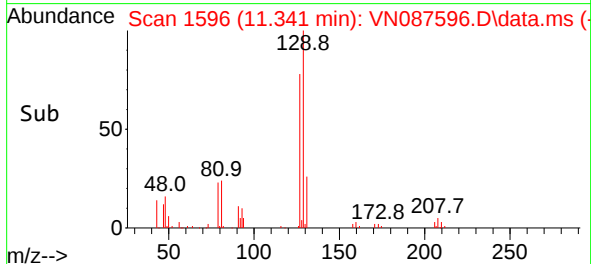
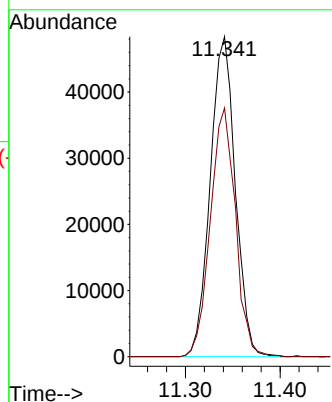
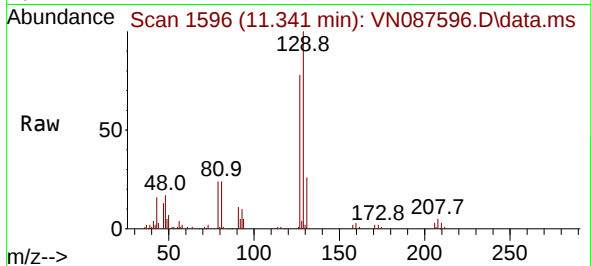




#53
Dibromochloromethane
Concen: 17.319 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VN087596.D
Acq: 18 Aug 2025 10:06

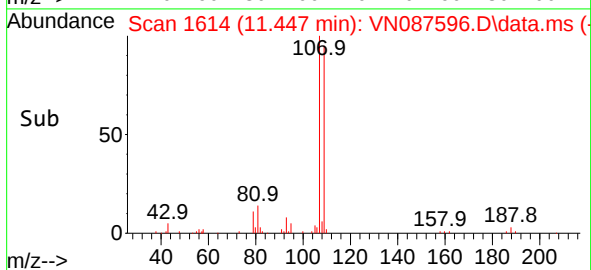
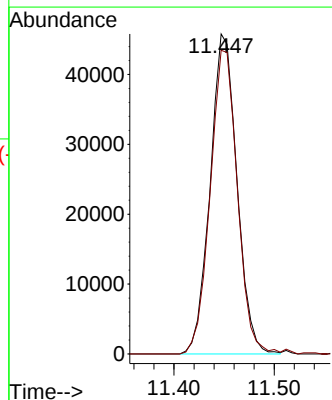
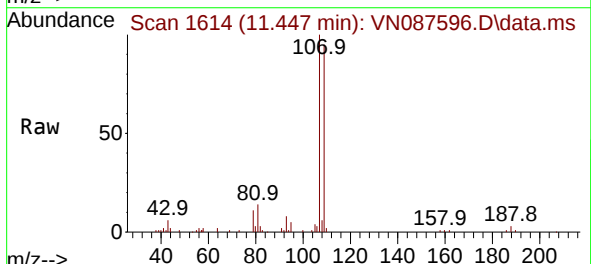
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBS01

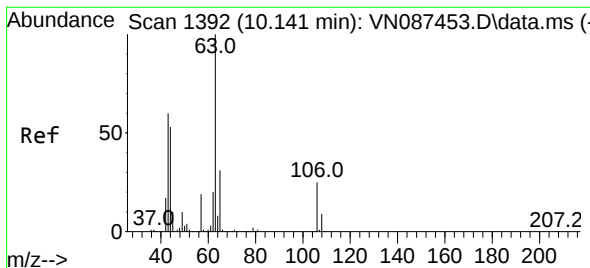
Tgt Ion:129 Resp: 89243
Ion Ratio Lower Upper
129 100
127 77.5 39.1 117.3



#54
1,2-Dibromoethane
Concen: 17.962 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN087596.D
Acq: 18 Aug 2025 10:06

Tgt Ion:107 Resp: 85080
Ion Ratio Lower Upper
107 100
109 96.0 74.2 111.4

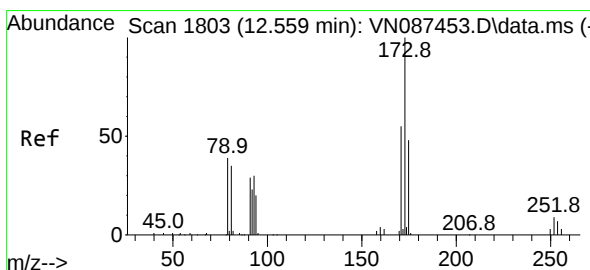
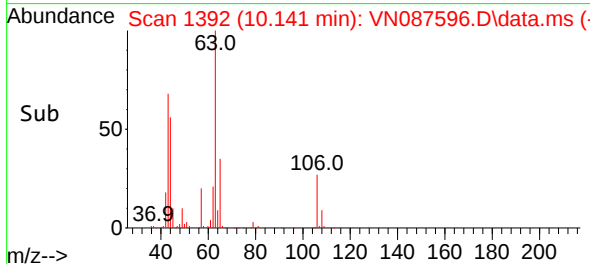
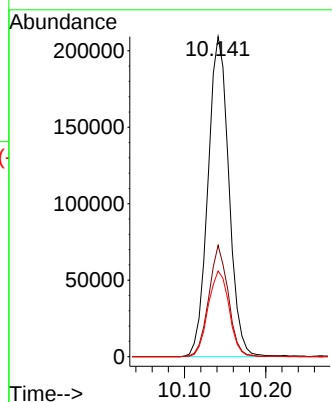
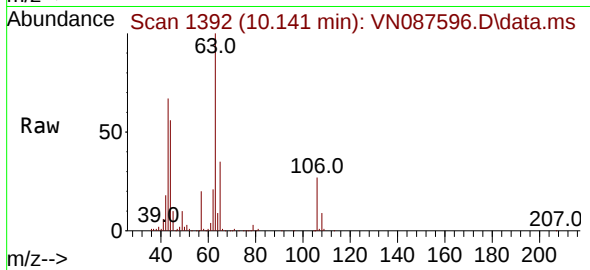




#55
2-Chloroethyl vinyl ether
Concen: 90.507 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN087596.D
Acq: 18 Aug 2025 10:06

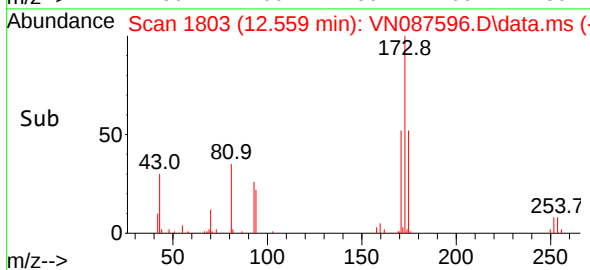
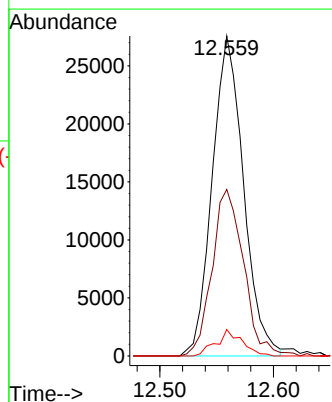
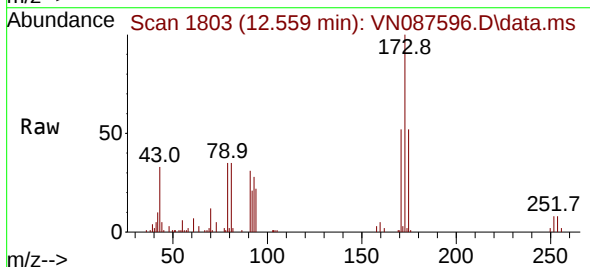
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBS01

Tgt Ion: 63 Resp: 374401
Ion Ratio Lower Upper
63 100
65 32.3 25.7 38.5
106 26.9 20.7 31.1



#56
Bromoform
Concen: 15.486 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN087596.D
Acq: 18 Aug 2025 10:06

Tgt Ion: 173 Resp: 52780
Ion Ratio Lower Upper
173 100
175 52.3 38.8 58.2
254 4.8 3.9 5.9

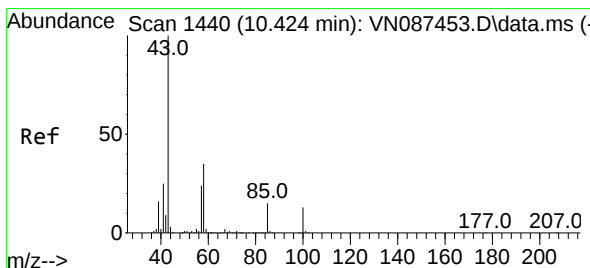
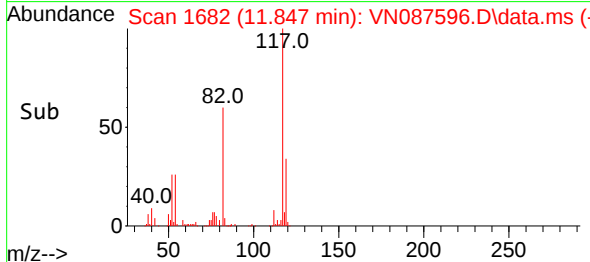
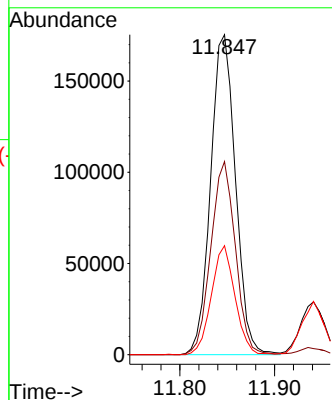
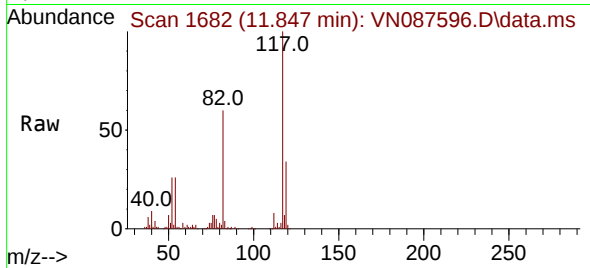




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1182
Delta R.T. 0.000 min
Lab File: VN087596.D
Acq: 18 Aug 2025 10:06

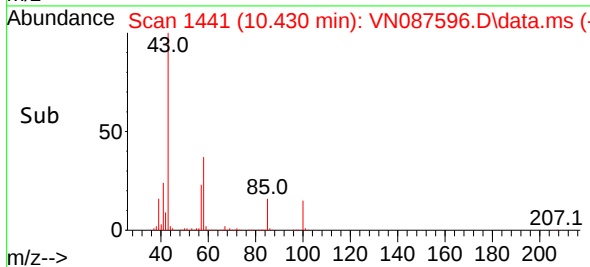
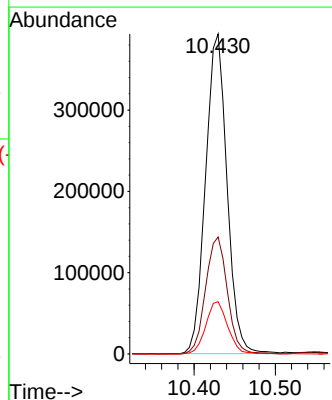
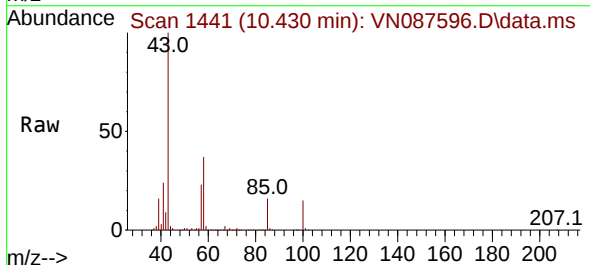
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBS01

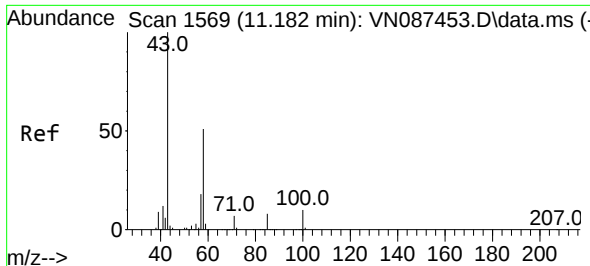
Tgt Ion:117 Resp: 320424
Ion Ratio Lower Upper
117 100
82 59.6 49.2 73.8
119 32.3 25.7 38.5



#58
4-Methyl-2-Pentanone
Concen: 87.541 ug/l
RT: 10.430 min Scan# 1441
Delta R.T. 0.006 min
Lab File: VN087596.D
Acq: 18 Aug 2025 10:06

Tgt Ion: 43 Resp: 721584
Ion Ratio Lower Upper
43 100
58 37.2 29.0 43.6
85 16.7 12.7 19.1

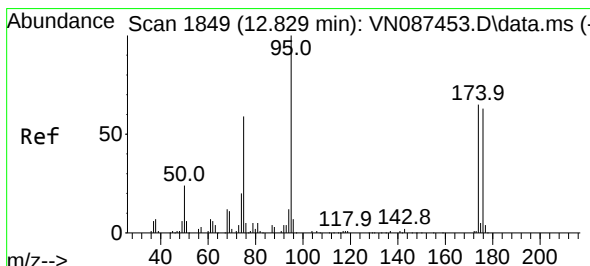
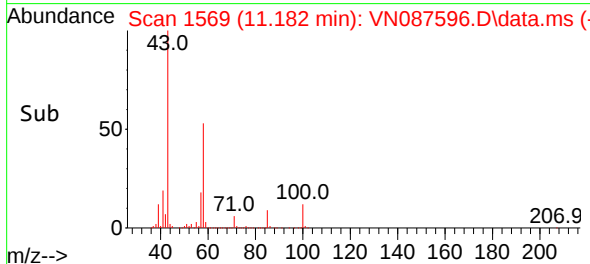
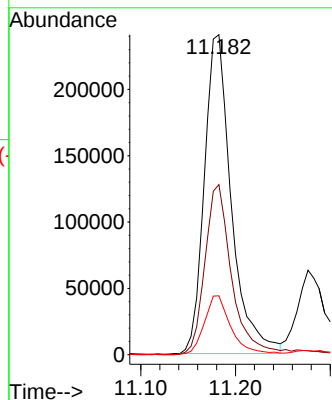
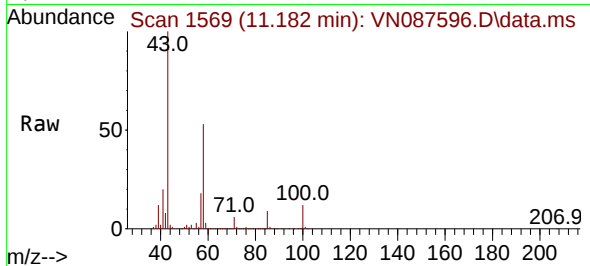




#59
2-Hexanone
Concen: 85.259 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VN087596.D
Acq: 18 Aug 2025 10:06

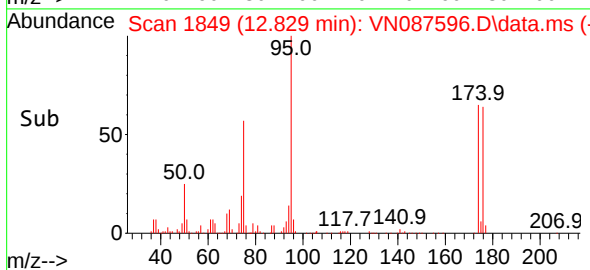
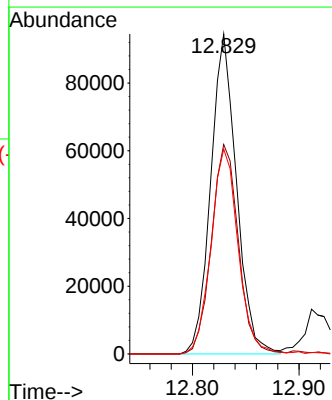
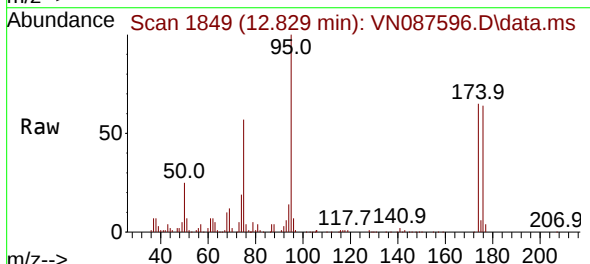
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBS01

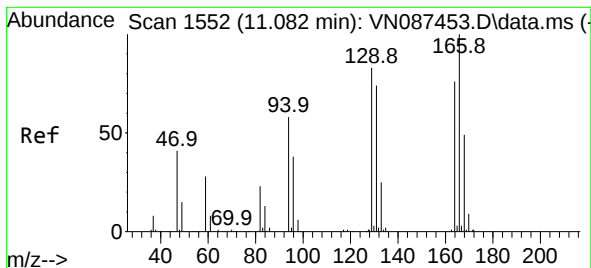
Tgt Ion: 43 Resp: 477499
Ion Ratio Lower Upper
43 100
58 52.9 41.0 61.6
57 18.4 14.6 21.8



#60
4-Bromofluorobenzene
Concen: 28.825 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087596.D
Acq: 18 Aug 2025 10:06

Tgt Ion: 95 Resp: 158948
Ion Ratio Lower Upper
95 100
174 68.3 52.3 78.5
176 67.0 49.8 74.8





#61

Tetrachloroethene

Concen: 20.401 ug/l

RT: 11.082 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087596.D

Acq: 18 Aug 2025 10:06

Instrument :

MSVOA_N

ClientSampleId :

VN0818WBS01

Tgt Ion:164 Resp: 63686

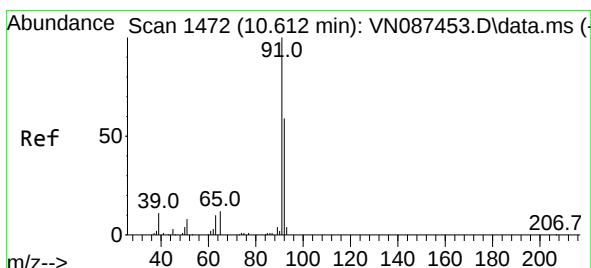
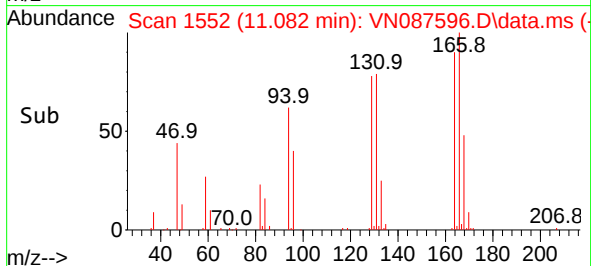
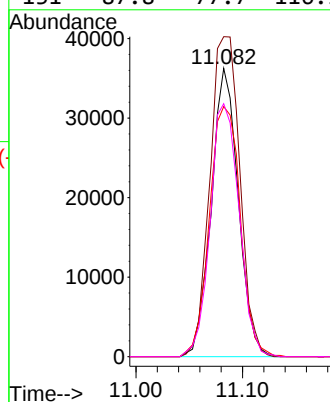
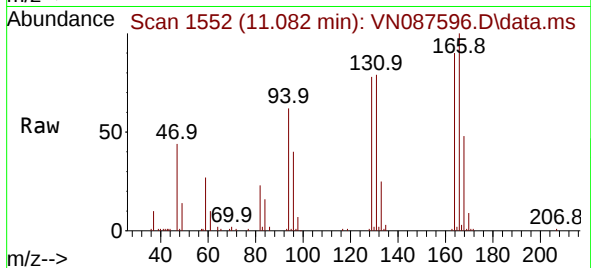
Ion Ratio Lower Upper

164 100

166 111.0 105.4 158.0

129 86.8 87.7 131.5#

131 87.8 77.7 116.5



#62

Toluene

Concen: 17.981 ug/l

RT: 10.612 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VN087596.D

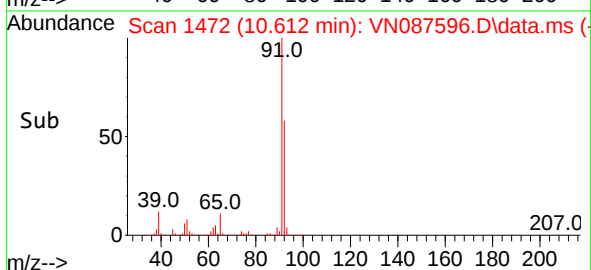
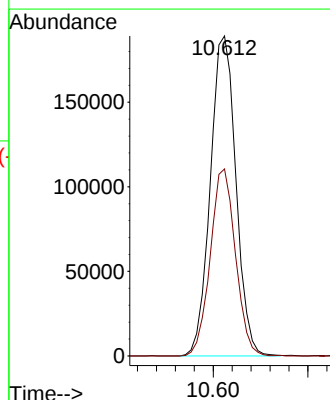
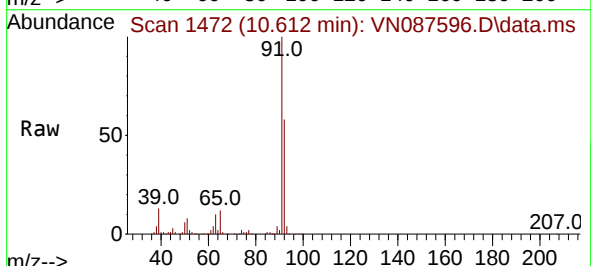
Acq: 18 Aug 2025 10:06

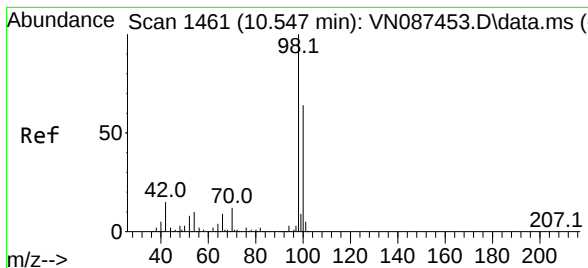
Tgt Ion: 91 Resp: 355597

Ion Ratio Lower Upper

91 100

92 57.5 45.8 68.6





#63

Toluene-d8

Concen: 29.516 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VN087596.D

Acq: 18 Aug 2025 10:06

Instrument :

MSVOA_N

ClientSampleId :

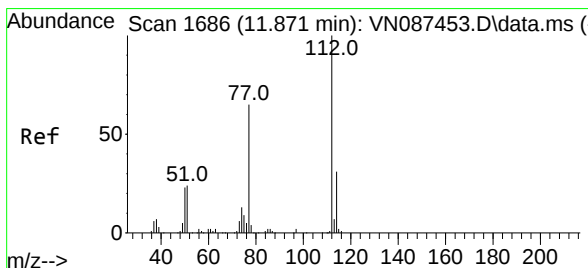
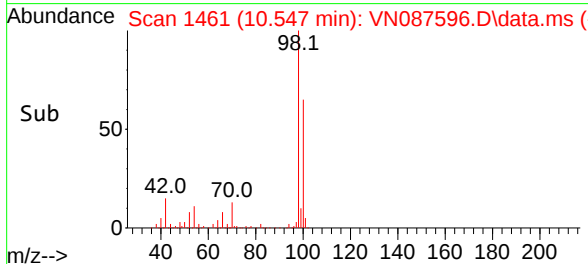
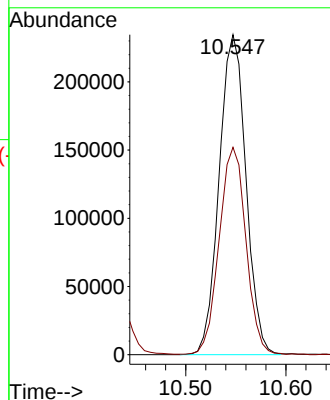
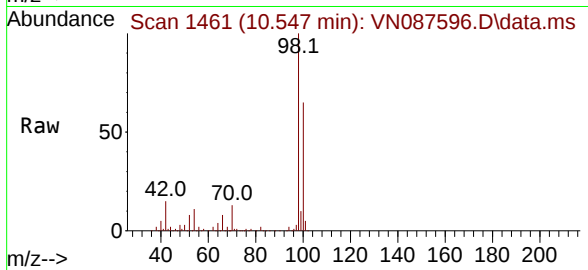
VN0818WBS01

Tgt Ion: 98 Resp: 435167

Ion Ratio Lower Upper

98 100

100 64.9 50.5 75.7



#64

Chlorobenzene

Concen: 18.081 ug/l

RT: 11.871 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VN087596.D

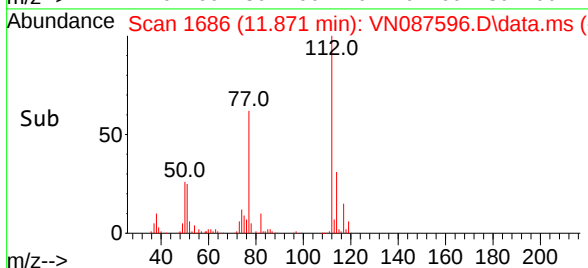
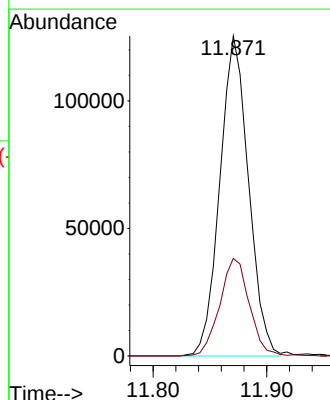
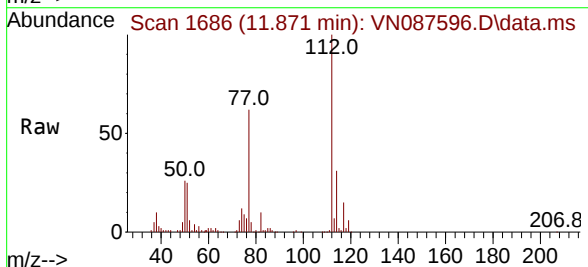
Acq: 18 Aug 2025 10:06

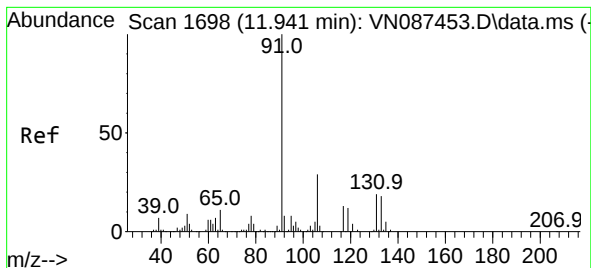
Tgt Ion: 112 Resp: 219723

Ion Ratio Lower Upper

112 100

114 30.5 24.7 37.1

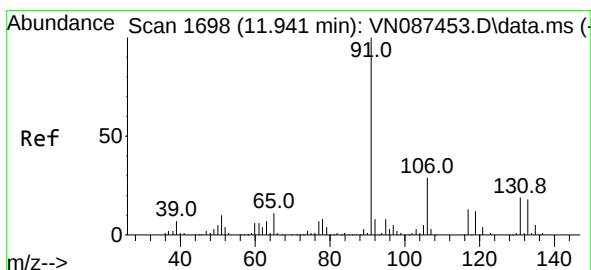
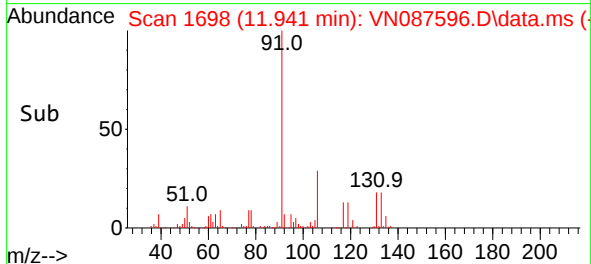
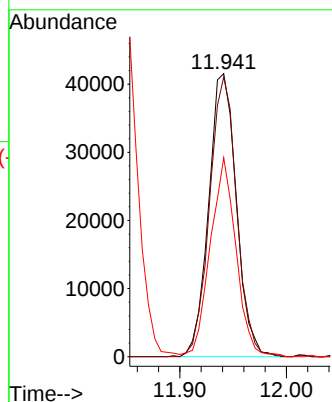
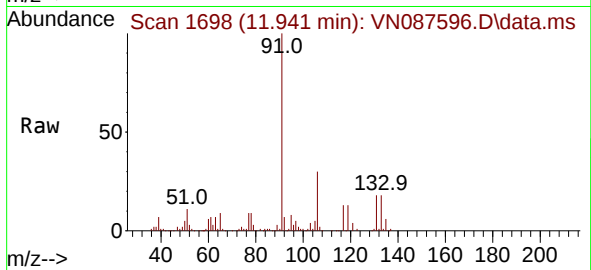




#65
 1,1,1,2-Tetrachloroethane
 Concen: 17.579 ug/l
 RT: 11.941 min Scan# 1698
 Delta R.T. 0.000 min
 Lab File: VN087596.D
 Acq: 18 Aug 2025 10:06

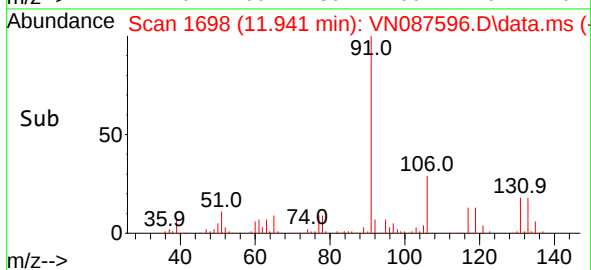
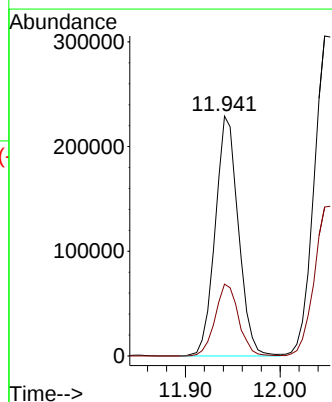
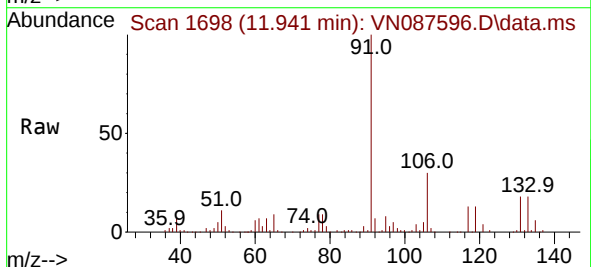
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0818WBS01

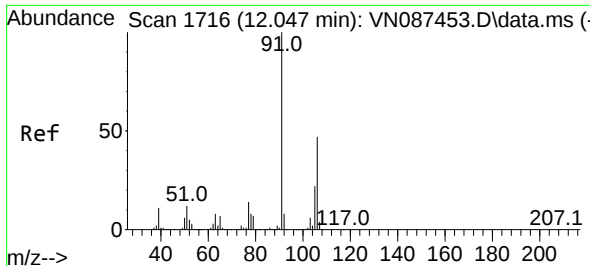
Tgt Ion:131 Resp: 75107
 Ion Ratio Lower Upper
 131 100
 133 96.6 0.0 189.8
 119 65.3 0.0 133.2



#66
 Ethyl Benzene
 Concen: 17.660 ug/l
 RT: 11.941 min Scan# 1698
 Delta R.T. 0.000 min
 Lab File: VN087596.D
 Acq: 18 Aug 2025 10:06

Tgt Ion: 91 Resp: 389273
 Ion Ratio Lower Upper
 91 100
 106 29.9 22.9 34.3

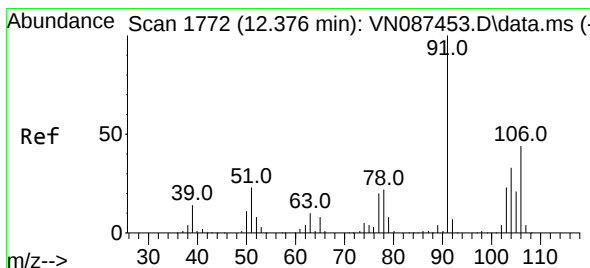
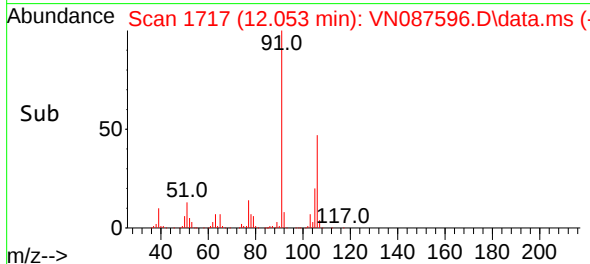
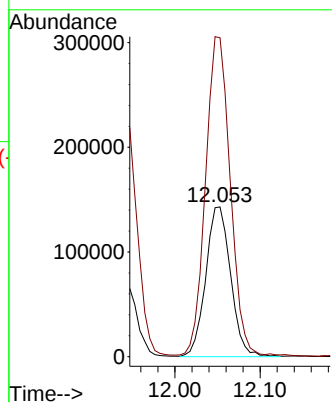
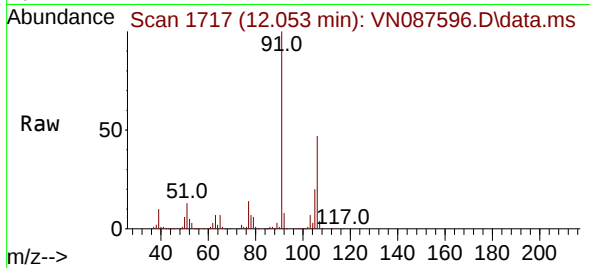




#67
m/p-Xylenes
Concen: 35.979 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VN087596.D
Acq: 18 Aug 2025 10:06

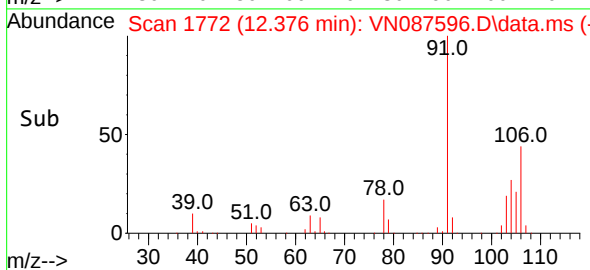
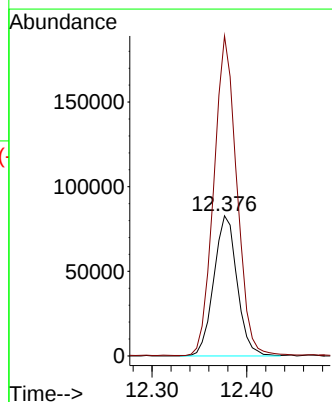
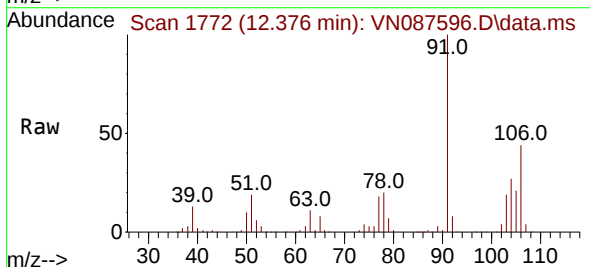
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBS01

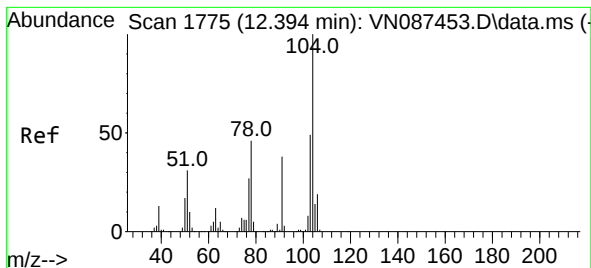
Tgt Ion:106 Resp: 291109
Ion Ratio Lower Upper
106 100
91 212.3 174.2 261.2



#68
o-Xylene
Concen: 17.814 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087596.D
Acq: 18 Aug 2025 10:06

Tgt Ion:106 Resp: 141800
Ion Ratio Lower Upper
106 100
91 225.4 114.5 343.5





#69

Styrene

Concen: 17.547 ug/l

RT: 12.394 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087596.D

Acq: 18 Aug 2025 10:06

Instrument :

MSVOA_N

ClientSampleId :

VN0818WBS01

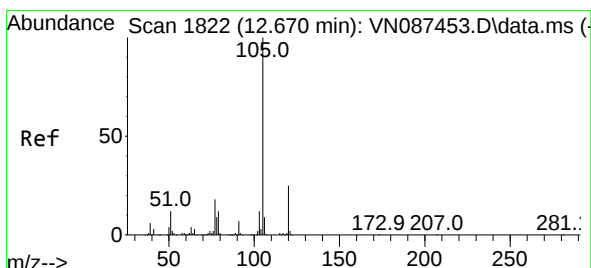
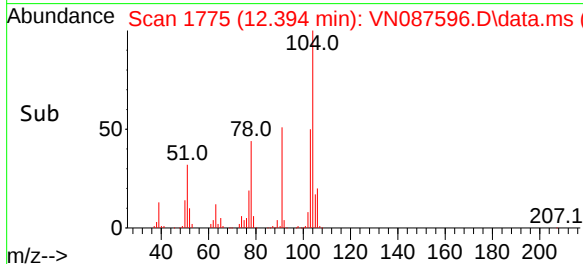
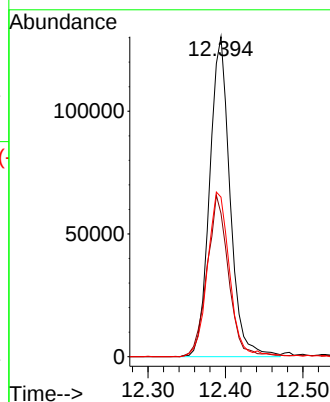
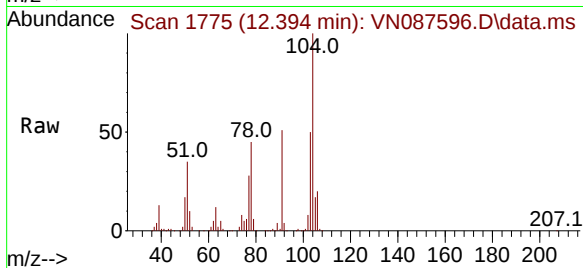
Tgt Ion:104 Resp: 238497

Ion Ratio Lower Upper

104 100

78 52.6 43.8 65.8

103 54.7 43.1 64.7



#70

Isopropylbenzene

Concen: 18.283 ug/l

RT: 12.676 min Scan# 1823

Delta R.T. 0.006 min

Lab File: VN087596.D

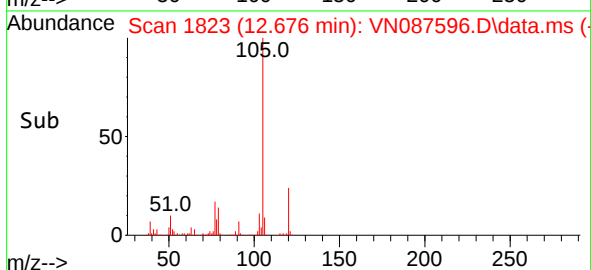
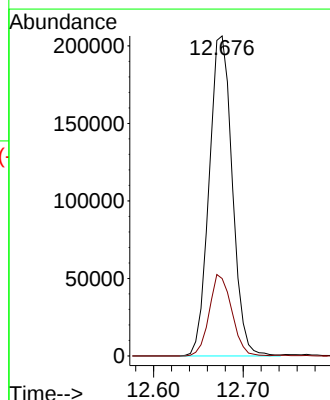
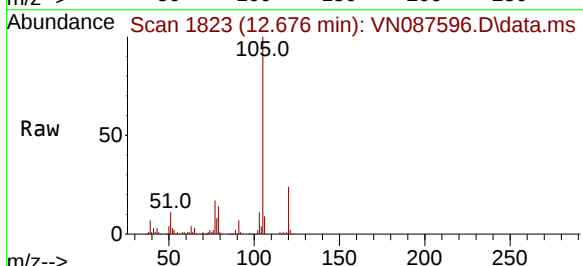
Acq: 18 Aug 2025 10:06

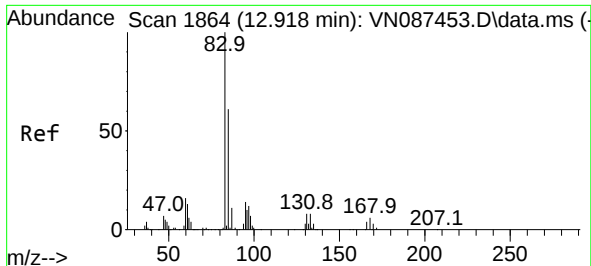
Tgt Ion:105 Resp: 369744

Ion Ratio Lower Upper

105 100

120 24.7 17.5 32.5

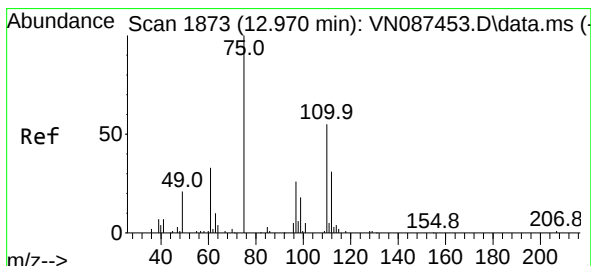
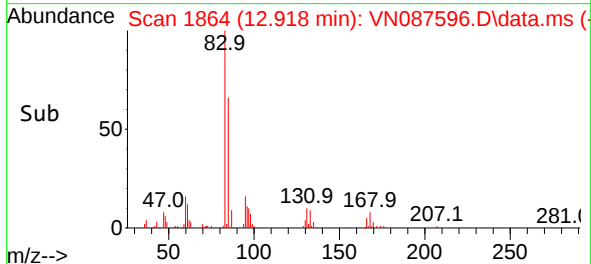
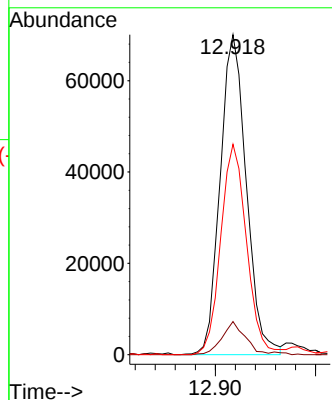
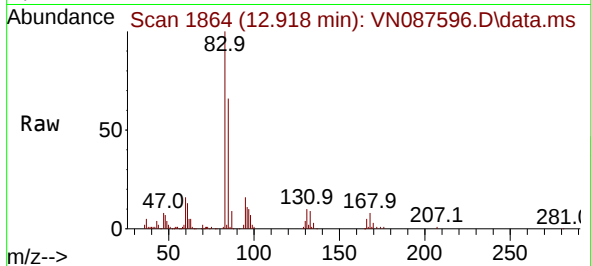




#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.306 ug/l
 RT: 12.918 min Scan# 1864
 Delta R.T. 0.000 min
 Lab File: VN087596.D
 Acq: 18 Aug 2025 10:06

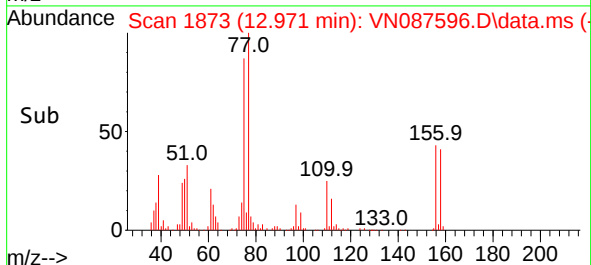
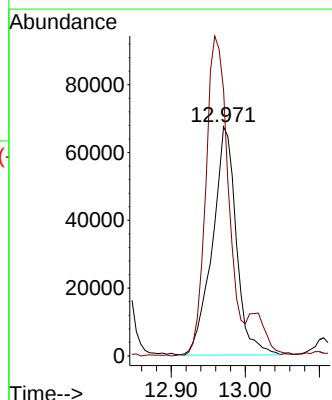
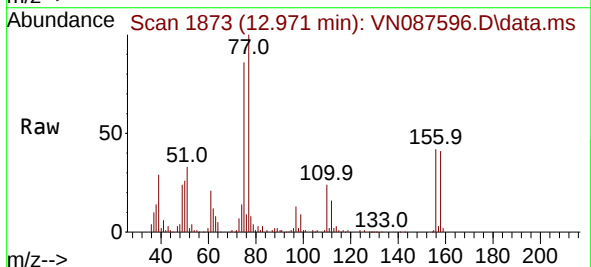
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0818WBS01

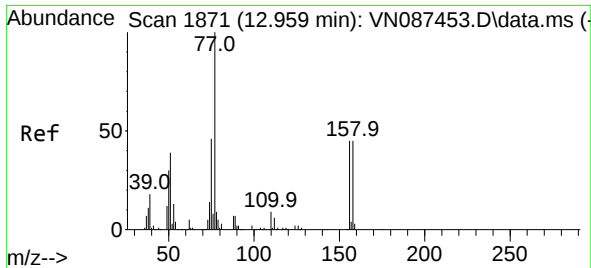
Tgt Ion: 83 Resp: 126846
 Ion Ratio Lower Upper
 83 100
 131 9.1 4.8 14.3
 85 64.8 31.7 95.1



#72
 1,2,3-Trichloropropane
 Concen: 23.378 ug/l
 RT: 12.971 min Scan# 1873
 Delta R.T. 0.000 min
 Lab File: VN087596.D
 Acq: 18 Aug 2025 10:06

Tgt Ion: 75 Resp: 150902
 Ion Ratio Lower Upper
 75 100
 77 130.6 0.0 385.0

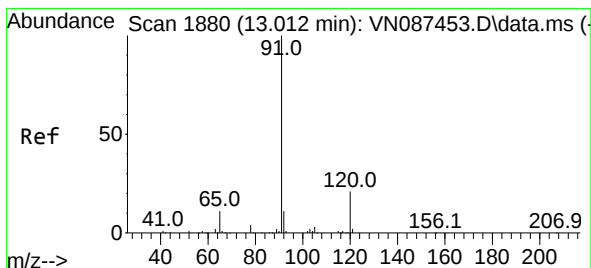
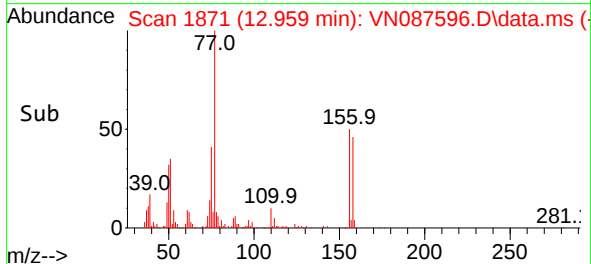
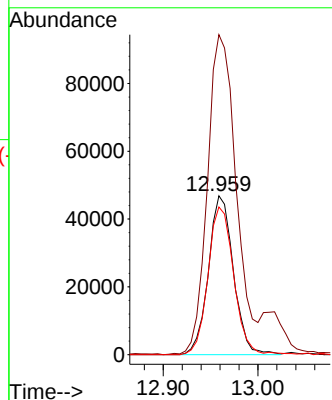
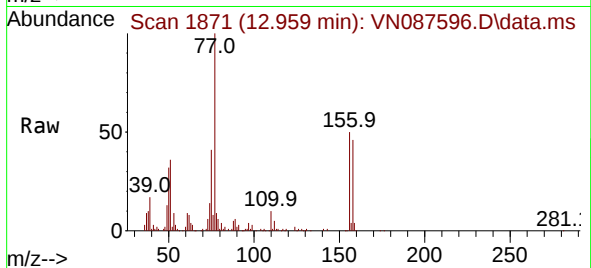




#73
Bromobenzene
Concen: 18.315 ug/l
RT: 12.959 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087596.D
Acq: 18 Aug 2025 10:06

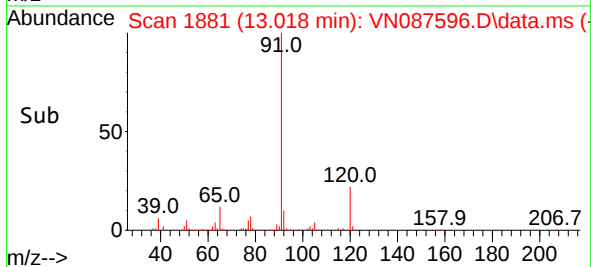
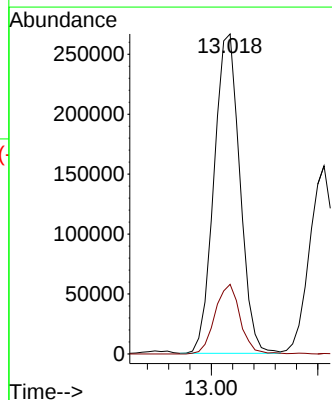
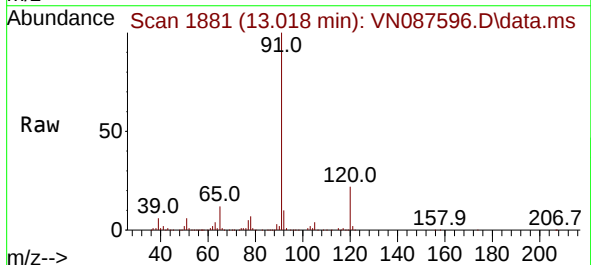
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBS01

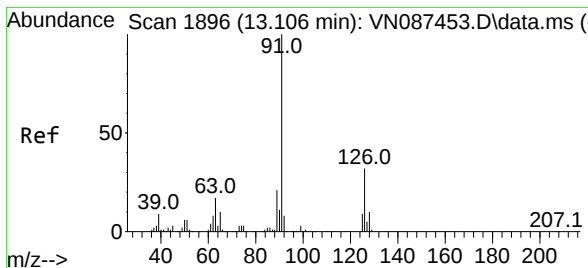
Tgt Ion:156 Resp: 85863
Ion Ratio Lower Upper
156 100
77 229.6 0.0 506.6
158 94.7 0.0 193.6



#74
n-propylbenzene
Concen: 17.740 ug/l
RT: 13.018 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN087596.D
Acq: 18 Aug 2025 10:06

Tgt Ion: 91 Resp: 448033
Ion Ratio Lower Upper
91 100
120 21.0 0.0 41.8

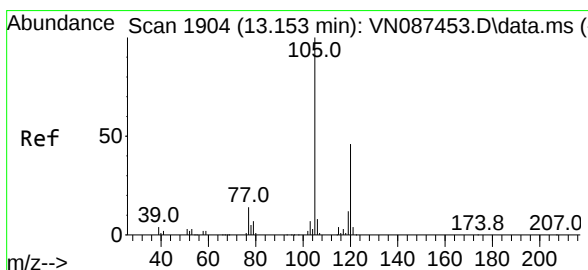
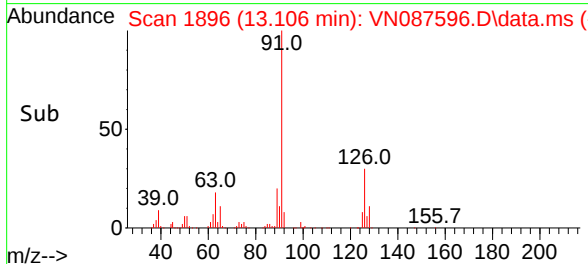
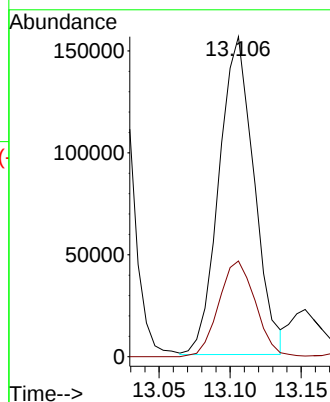
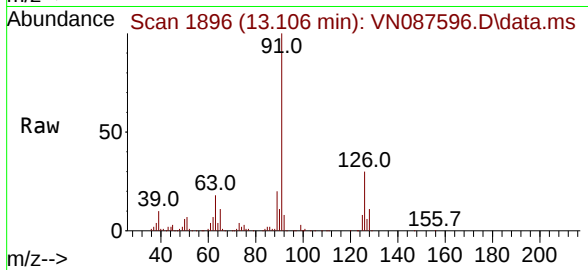




#75
2-Chlorotoluene
Concen: 17.263 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN087596.D
Acq: 18 Aug 2025 10:06

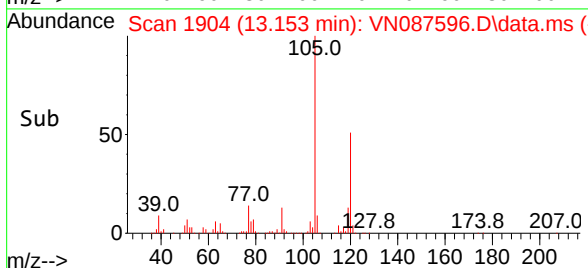
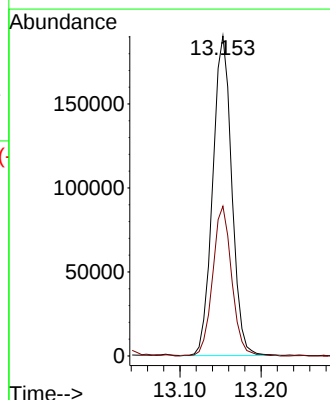
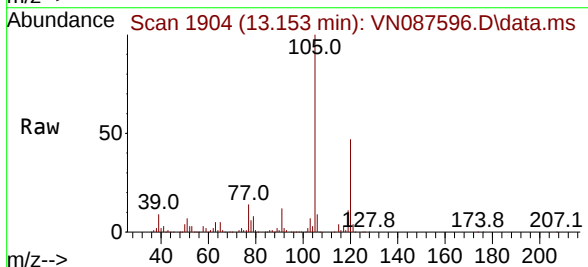
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBS01

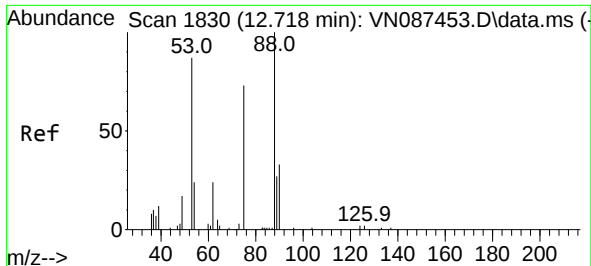
Tgt Ion: 91 Resp: 268188
Ion Ratio Lower Upper
91 100
126 31.4 0.0 60.4



#76
1,3,5-Trimethylbenzene
Concen: 17.908 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087596.D
Acq: 18 Aug 2025 10:06

Tgt Ion: 105 Resp: 310074
Ion Ratio Lower Upper
105 100
120 46.8 0.0 91.2

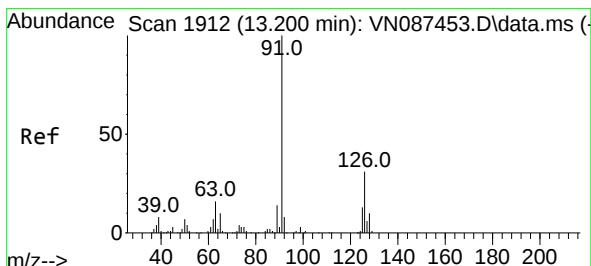
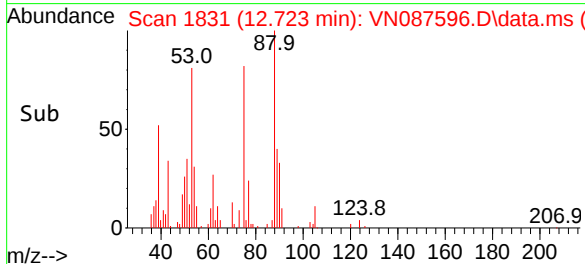
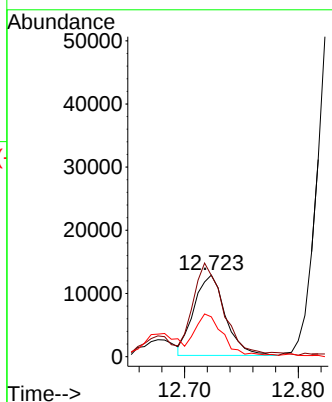
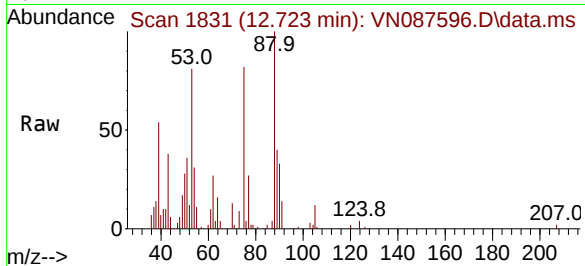




#77
t-1,4-Dichloro-2-butene
Concen: 9.947 ug/l
RT: 12.723 min Scan# 1831
Delta R.T. 0.006 min
Lab File: VN087596.D
Acq: 18 Aug 2025 10:06

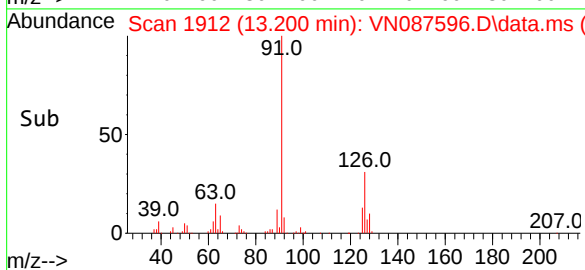
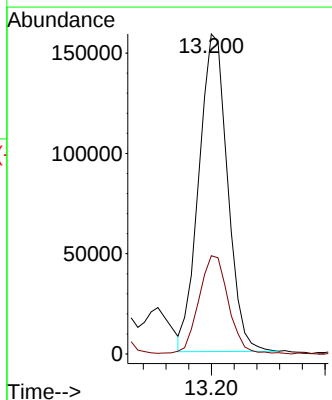
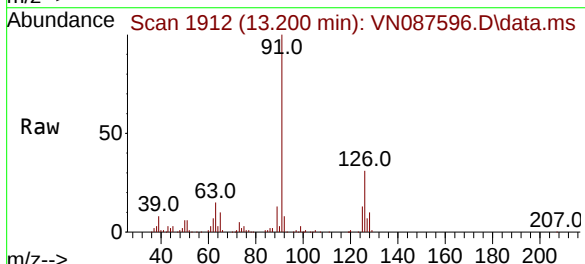
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBS01

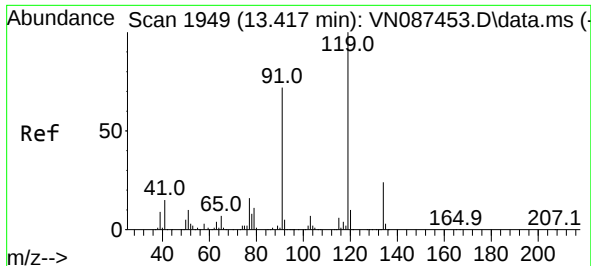
Tgt Ion: 75 Resp: 24306
Ion Ratio Lower Upper
75 100
53 96.2 59.0 176.8
89 47.8 22.1 66.5



#78
4-Chlorotoluene
Concen: 17.630 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087596.D
Acq: 18 Aug 2025 10:06

Tgt Ion: 91 Resp: 277560
Ion Ratio Lower Upper
91 100
126 32.1 0.0 63.2

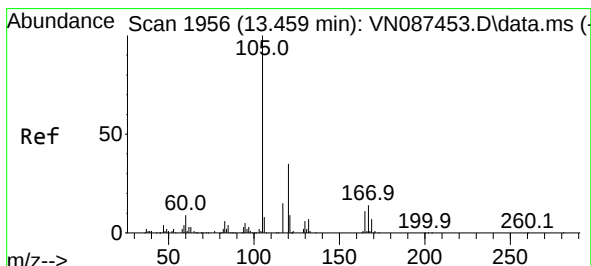
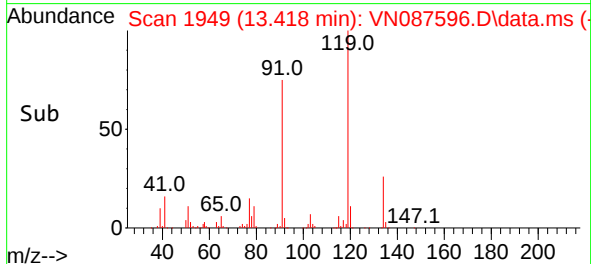
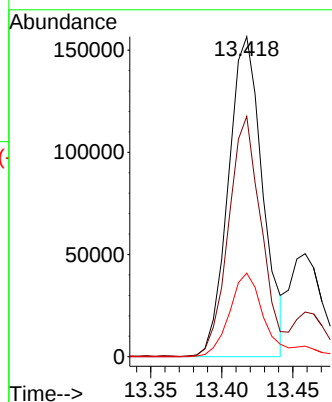
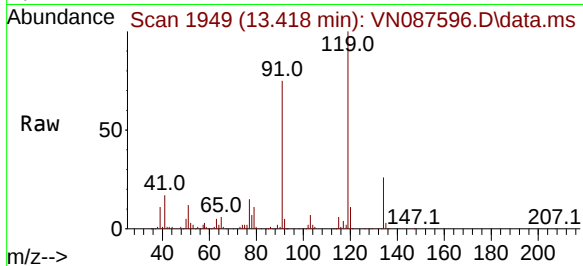




#79
tert-butylbenzene
Concen: 18.062 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN087596.D
Acq: 18 Aug 2025 10:06

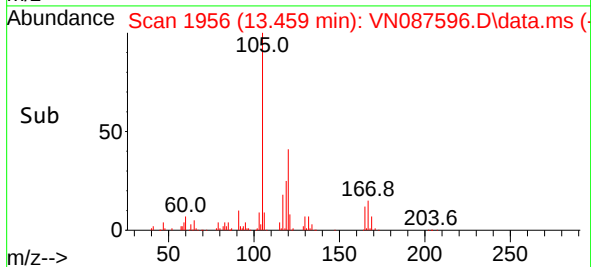
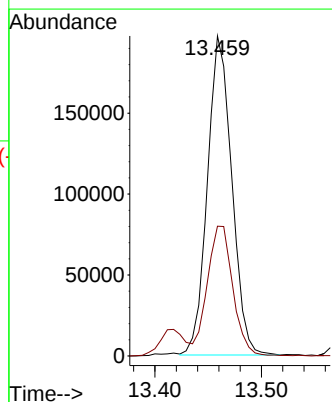
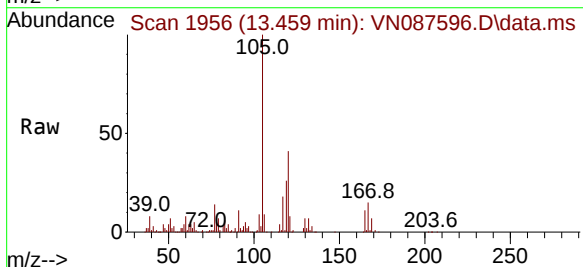
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBS01

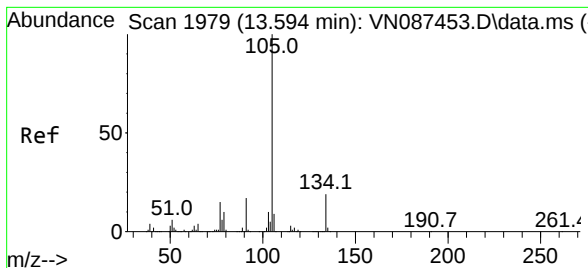
Tgt Ion:119 Resp: 263685
Ion Ratio Lower Upper
119 100
91 72.4 0.0 141.6
134 25.4 0.0 45.6



#80
1,2,4-Trimethylbenzene
Concen: 18.098 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN087596.D
Acq: 18 Aug 2025 10:06

Tgt Ion:105 Resp: 313131
Ion Ratio Lower Upper
105 100
120 42.2 0.0 87.2

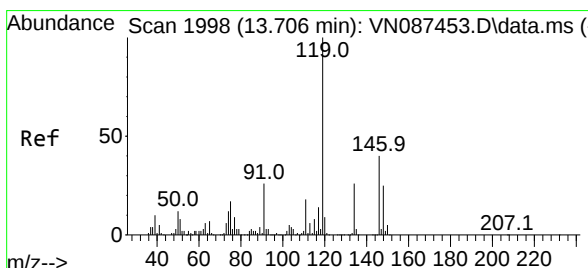
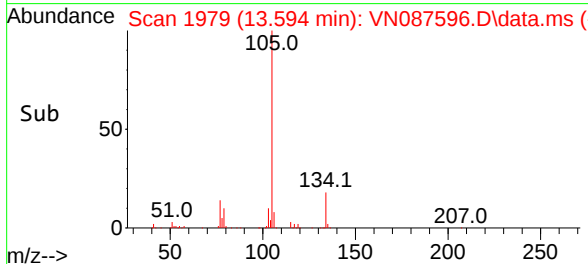
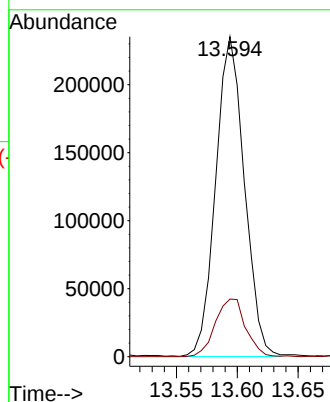
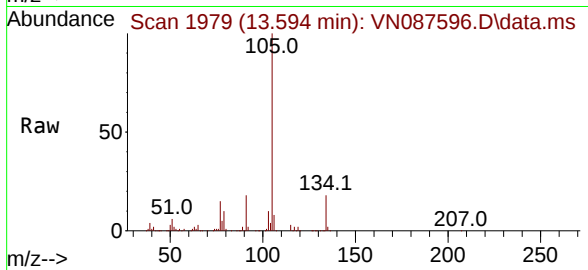




#81
 sec-Butylbenzene
 Concen: 18.141 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087596.D
 Acq: 18 Aug 2025 10:06

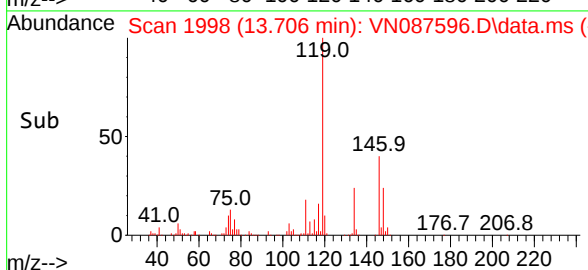
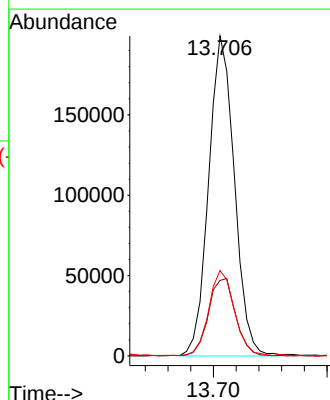
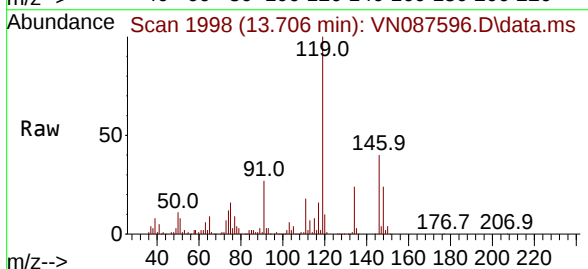
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0818WBS01

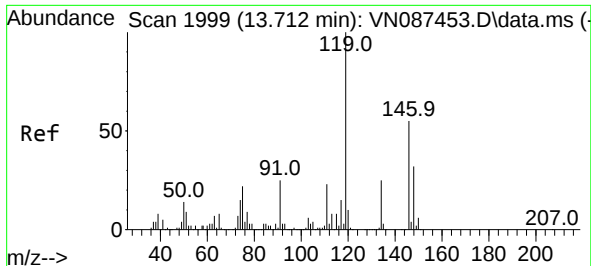
Tgt Ion:105 Resp: 385546
 Ion Ratio Lower Upper
 105 100
 134 19.1 0.0 37.6



#82
 p-Isopropyltoluene
 Concen: 17.787 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN087596.D
 Acq: 18 Aug 2025 10:06

Tgt Ion:119 Resp: 313878
 Ion Ratio Lower Upper
 119 100
 134 25.5 0.0 51.4
 91 26.4 0.0 52.0

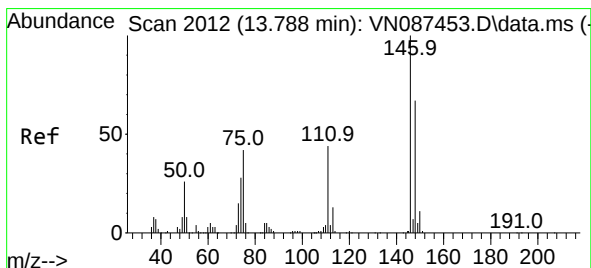
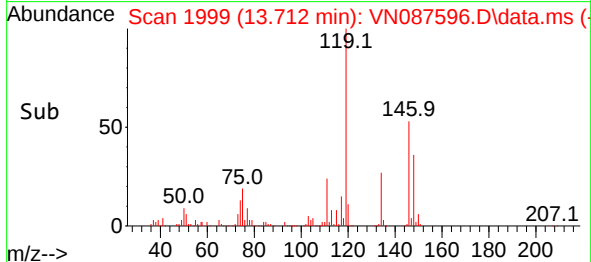
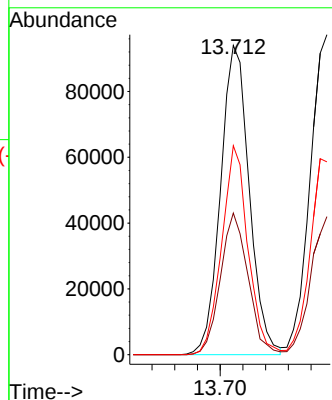
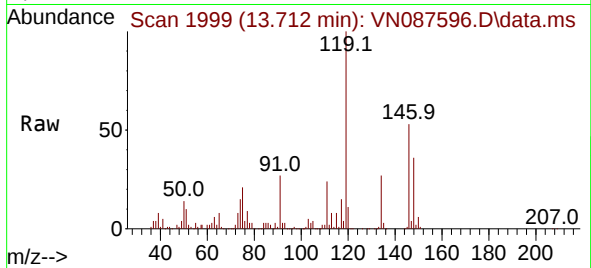




#83
1,3-Dichlorobenzene
Concen: 18.502 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN087596.D
Acq: 18 Aug 2025 10:06

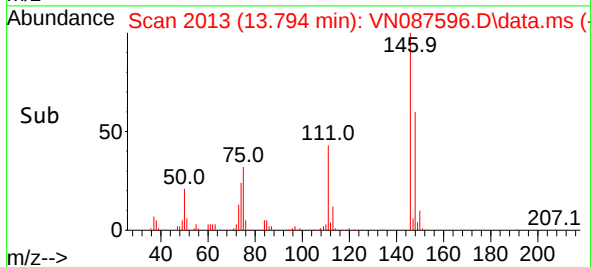
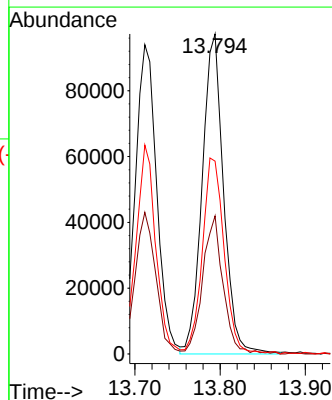
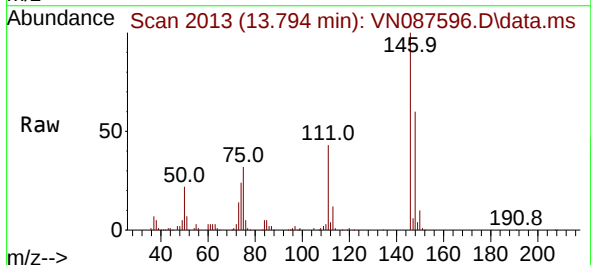
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBS01

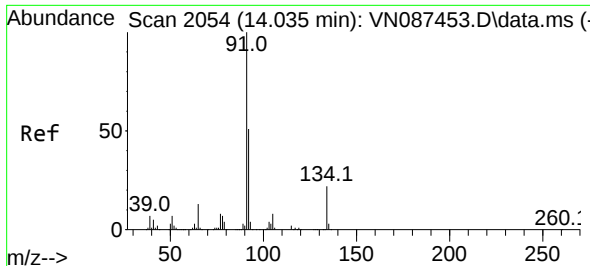
Tgt Ion:146 Resp: 165175
Ion Ratio Lower Upper
146 100
111 44.1 21.9 65.5
148 61.9 31.3 93.9



#84
1,4-Dichlorobenzene
Concen: 18.767 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN087596.D
Acq: 18 Aug 2025 10:06

Tgt Ion:146 Resp: 169851
Ion Ratio Lower Upper
146 100
111 39.9 21.1 63.1
148 62.5 31.4 94.3

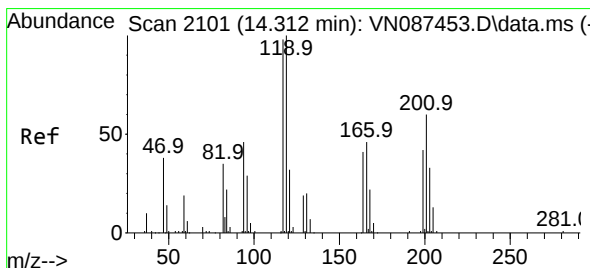
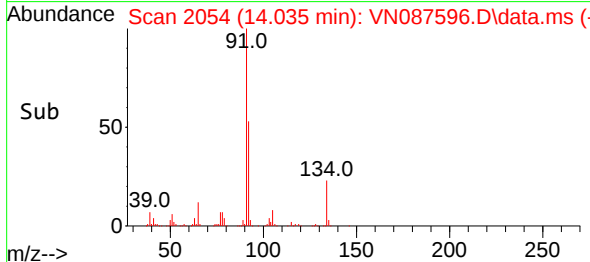
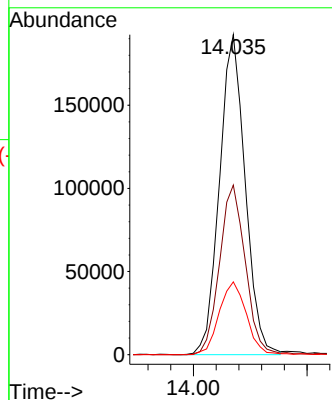
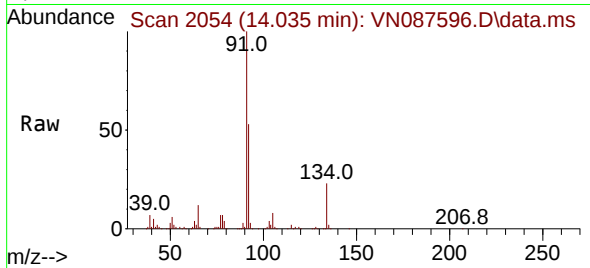




#85
n-Butylbenzene
Concen: 17.509 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN087596.D
Acq: 18 Aug 2025 10:06

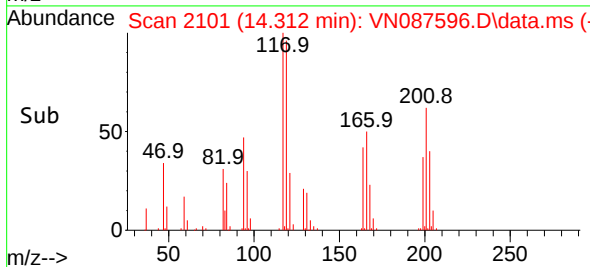
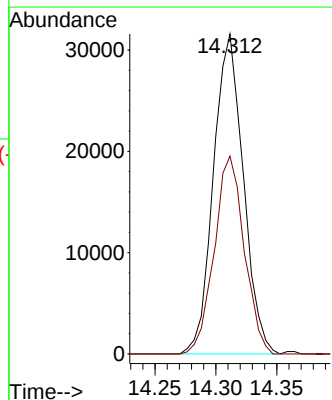
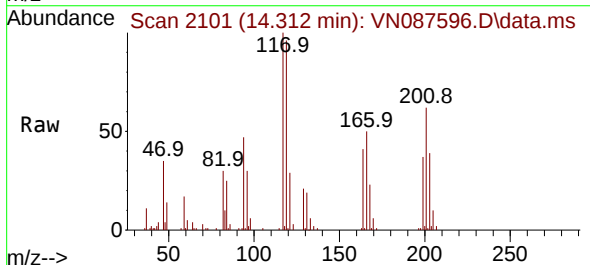
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBS01

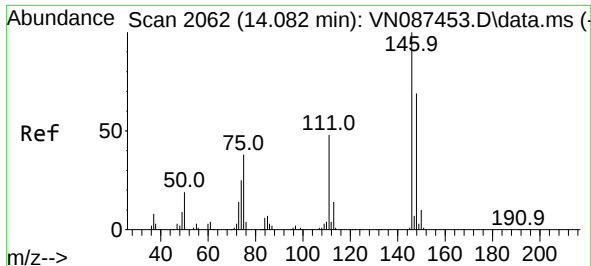
Tgt Ion: 91 Resp: 302297
Ion Ratio Lower Upper
91 100
92 53.2 0.0 106.6
134 24.1 0.0 44.4



#86
Hexachloroethane
Concen: 15.630 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VN087596.D
Acq: 18 Aug 2025 10:06

Tgt Ion: 117 Resp: 53860
Ion Ratio Lower Upper
117 100
201 62.0 29.1 87.4

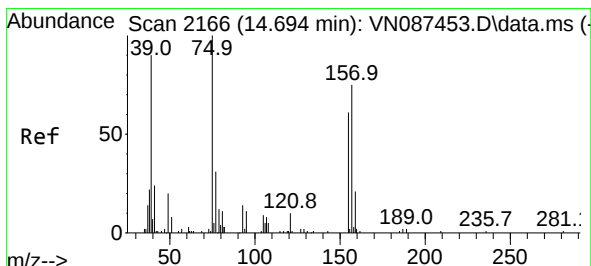
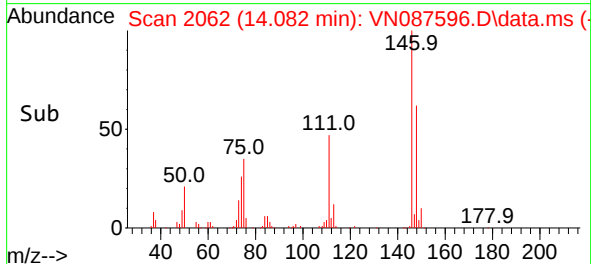
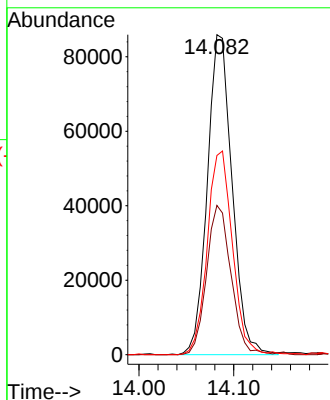
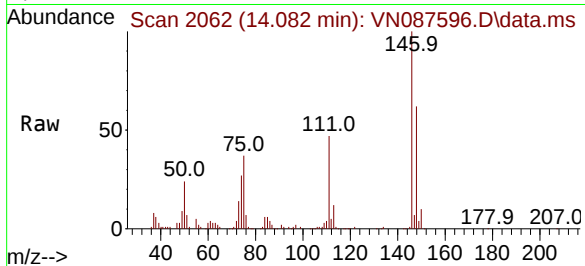




#87
1,2-Dichlorobenzene
Concen: 18.354 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN087596.D
Acq: 18 Aug 2025 10:06

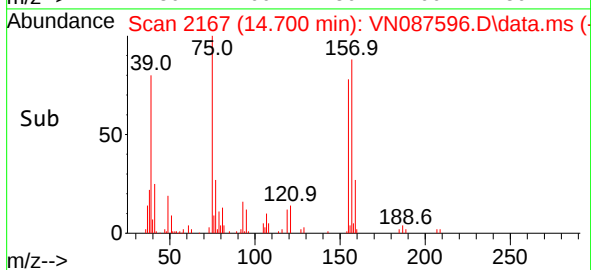
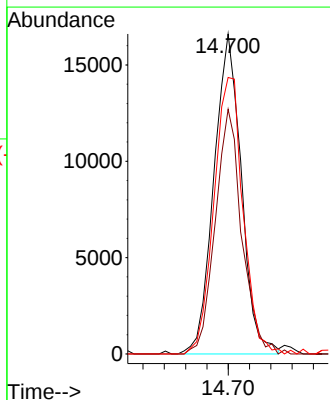
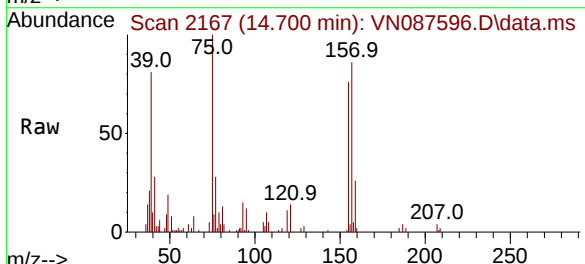
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBS01

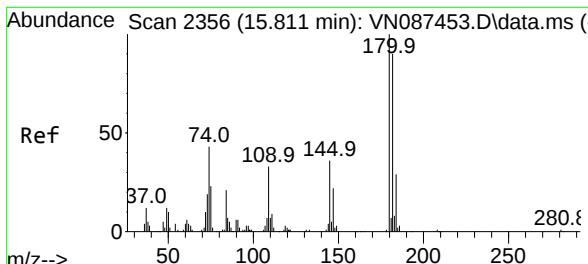
Tgt Ion:146 Resp: 156400
Ion Ratio Lower Upper
146 100
111 45.9 22.9 68.7
148 64.3 31.6 94.7



#88
1,2-Dibromo-3-Chloropropane
Concen: 16.920 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.006 min
Lab File: VN087596.D
Acq: 18 Aug 2025 10:06

Tgt Ion: 75 Resp: 29700
Ion Ratio Lower Upper
75 100
155 73.9 55.7 83.5
157 91.7 65.8 98.6

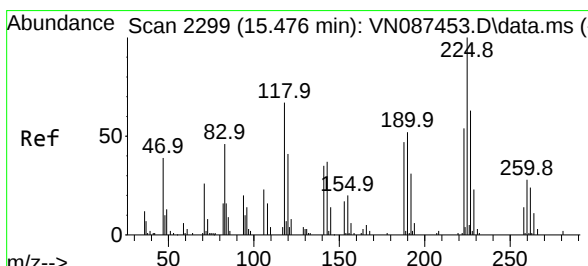
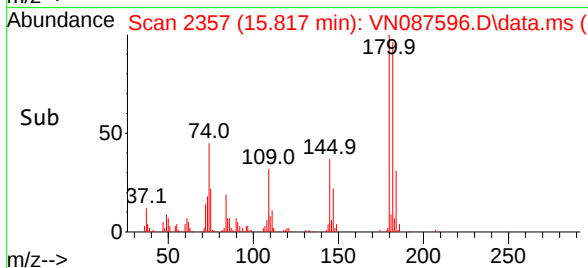
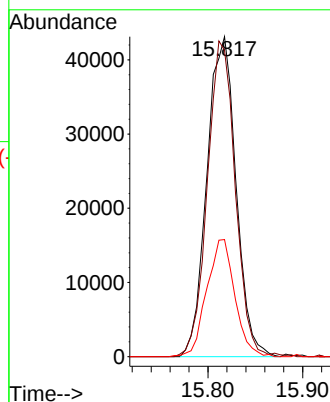
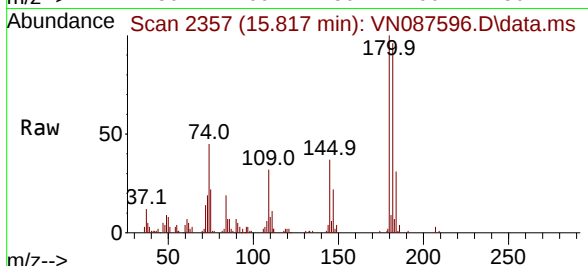




#89
1,2,4-Trichlorobenzene
Concen: 18.097 ug/l
RT: 15.817 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN087596.D
Acq: 18 Aug 2025 10:06

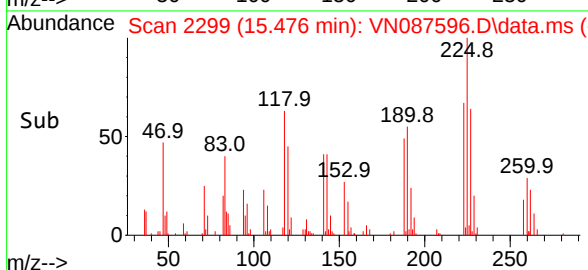
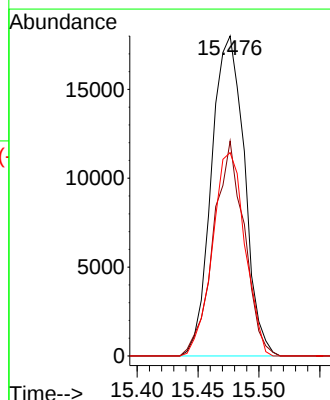
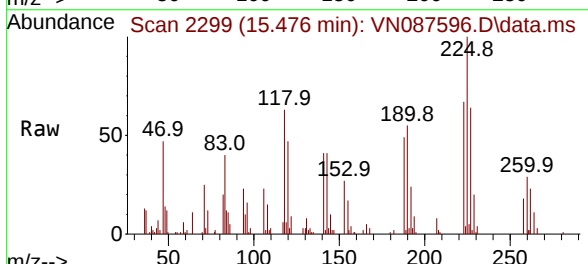
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBS01

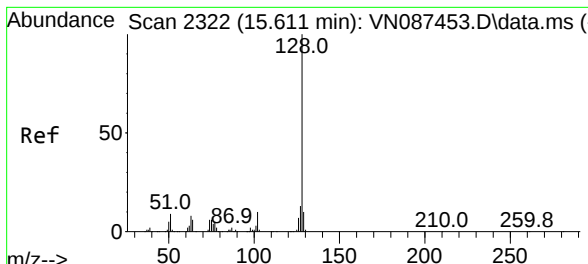
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	75.0	112.4
145	35.3	28.6	43.0



#90
Hexachlorobutadiene
Concen: 17.094 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VN087596.D
Acq: 18 Aug 2025 10:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	0.0	116.0
227	62.9	0.0	127.0

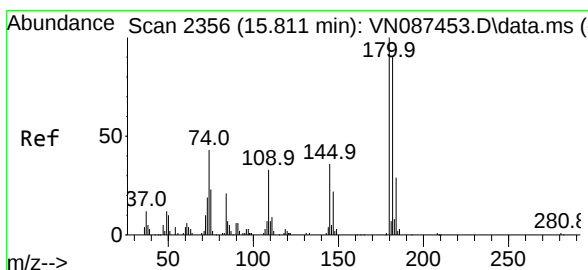
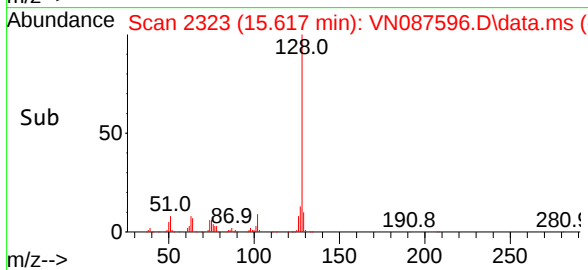
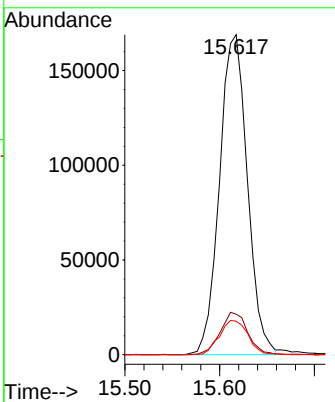
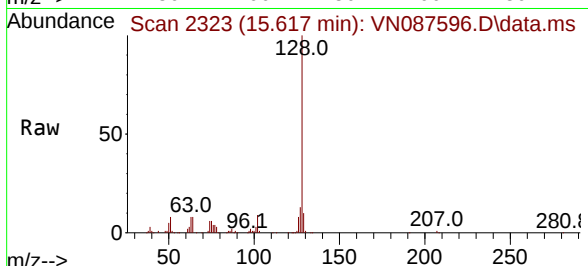




#91
 Naphthalene
 Concen: 17.769 ug/l
 RT: 15.617 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN087596.D
 Acq: 18 Aug 2025 10:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0818WBS01

Tgt Ion:	128	Resp:	345054
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	10.9	8.9	13.3



#92
 1,2,3-Trichlorobenzene
 Concen: 18.097 ug/l
 RT: 15.817 min Scan# 2357
 Delta R.T. 0.006 min
 Lab File: VN087596.D
 Acq: 18 Aug 2025 10:06

Tgt Ion:	180	Resp:	92165
Ion	Ratio	Lower	Upper
180	100		
182	94.2	0.0	187.4
145	35.3	0.0	71.6

