

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072425\
 Data File : VN087410.D
 Acq On : 24 Jul 2025 10:27
 Operator : JC\MD
 Sample : VN0724WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 25 04:52:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072325W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 24 05:11:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.794	128	28127	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	138710	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	129812	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	69087	29.783	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.267%
60) 4-Bromofluorobenzene	12.829	95	59888	27.653	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	92.167%
63) Toluene-d8	10.547	98	173346	29.363	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.867%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	34490	20.040	ug/l	93
3) Chloromethane	2.383	50	30822	18.031	ug/l	99
4) Vinyl Chloride	2.536	62	35640	18.917	ug/l	93
5) Bromomethane	2.983	94	24599	21.100	ug/l	83
6) Chloroethane	3.142	64	27341	18.883	ug/l #	84
7) Trichlorofluoromethane	3.512	101	65929	20.577	ug/l	94
8) Diethyl Ether	3.959	74	25772	20.207	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.377	101	35168	20.712	ug/l #	72
10) 1,1-Dichloroethene	4.342	96	33713	19.124	ug/l	95
11) Methyl Iodide	4.583	142	21220	16.502	ug/l	88
12) Methyl Acetate	5.024	43	43392	18.924	ug/l	92
13) Acrolein	4.177	56	51948	124.620	ug/l	99
14) Acrylonitrile	5.712	53	98886	94.435	ug/l	98
15) Acetone	4.418	58	33424	90.410	ug/l	83
16) Carbon Disulfide	4.700	76	83650	18.374	ug/l	99
17) Allyl chloride	5.006	41	42526	17.610	ug/l	96
18) Methylene Chloride	5.265	84	33463	18.756	ug/l	96
19) trans-1,2-Dichloroethene	5.777	96	31043	17.931	ug/l	89
20) Diisopropyl ether	6.653	45	105973	17.354	ug/l	99
21) 1,1-Dichloroethane	6.559	63	61332	18.804	ug/l	95
22) cis-1,2-Dichloroethene	7.477	96	38226	18.851	ug/l	94
23) tert-Butyl Alcohol	5.518	59	36221	100.928	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	106315	18.662	ug/l	98
25) Chloroform	7.947	83	64360	18.017	ug/l	91
26) Cyclohexane	8.241	56	43996	18.094	ug/l #	95
29) 1,1-Dichloropropene	8.353	75	39651	16.755	ug/l	93
30) 2-Butanone	7.471	43	143567	89.078	ug/l	98
31) 2,2-Dichloropropane	7.477	77	54894	17.662	ug/l	99
32) 1,1,1-Trichloroethane	8.147	97	56522	18.249	ug/l	99
33) Carbon Tetrachloride	8.153	117	5782	2.149	ug/l	98
34) Benzene	8.588	78	131779	17.241	ug/l	97
35) Methacrylonitrile	7.765	41	28293	16.693	ug/l	92
36) 1,2-Dichloroethane	8.653	62	53095	17.609	ug/l	100
37) Trichloroethene	9.335	130	32712	18.754	ug/l	99
38) Methylcyclohexane	9.582	83	44993	17.985	ug/l	99
39) 1,2-Dichloropropane	9.600	63	33239	17.310	ug/l	98
40) Dibromomethane	9.688	93	25712	17.307	ug/l	93
41) Bromodichloromethane	9.871	83	52505	17.800	ug/l #	87
42) Vinyl Acetate	6.594	43	511855	93.752	ug/l	97

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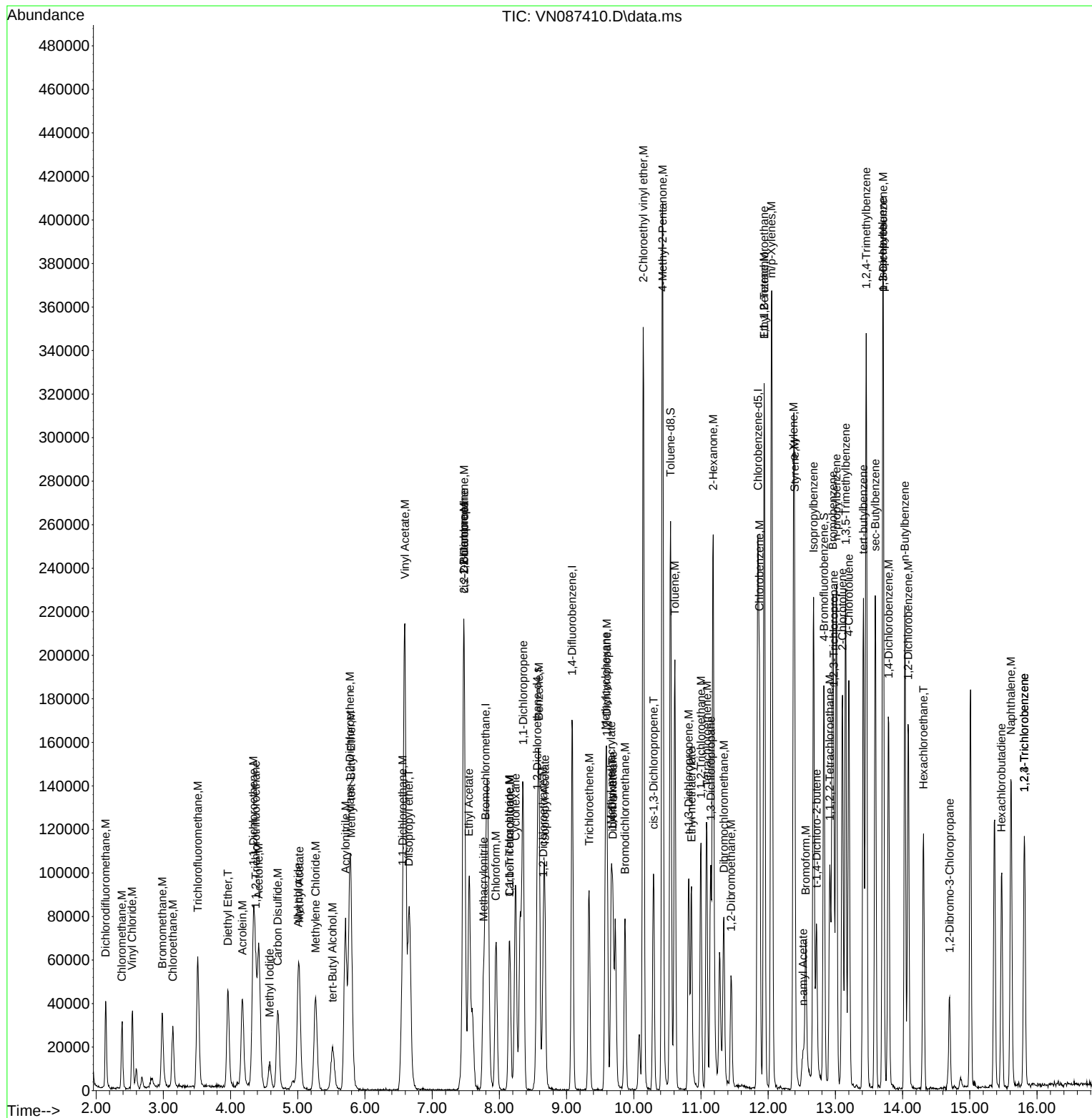
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43) Ethyl Acetate	7.547	43	58163	17.727	ug/l #	81
44) Isopropyl Acetate	8.677	43	88716	17.127	ug/l	98
45) 1,4-Dioxane	9.682	88	12241	383.566	ug/l #	65
46) Methyl methacrylate	9.665	41	40067	16.797	ug/l	94
47) n-amyl Acetate	12.518	43	11395	3.671	ug/l #	66
48) t-1,3-Dichloropropene	10.818	75	53794	17.096	ug/l	96
49) cis-1,3-Dichloropropene	10.294	75	55107	17.511	ug/l	98
50) 1,1,2-Trichloroethane	11.000	97	34634	18.051	ug/l	92
51) Ethyl methacrylate	10.859	69	47568	16.213	ug/l	93
52) 1,3-Dichloropropane	11.147	76	58020	17.588	ug/l	95
53) Dibromochloromethane	11.341	129	38079	16.934	ug/l	94
54) 1,2-Dibromoethane	11.447	107	34351	17.467	ug/l	99
55) 2-Chloroethyl vinyl ether	10.141	63	150704	92.333	ug/l	98
56) Bromoform	12.559	173	25131	15.713	ug/l	97
58) 4-Methyl-2-Pentanone	10.429	43	291230	91.748	ug/l	99
59) 2-Hexanone	11.182	43	187818	87.662	ug/l	99
61) Tetrachloroethene	11.088	164	26723	18.434	ug/l	98
62) Toluene	10.612	91	140531	17.776	ug/l	99
64) Chlorobenzene	11.871	112	92499	18.301	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.941	131	32429	17.557	ug/l	96
66) Ethyl Benzene	11.941	91	148266	17.323	ug/l	94
67) m/p-Xylenes	12.047	106	117721	34.755	ug/l	100
68) o-Xylene	12.376	106	55224	16.997	ug/l	98
69) Styrene	12.394	104	94364	16.693	ug/l	100
70) Isopropylbenzene	12.676	105	142236	17.382	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.918	83	51475	17.882	ug/l	97
72) 1,2,3-Trichloropropane	12.976	75	67147	26.110	ug/l	57
73) Bromobenzene	12.965	156	37852	17.772	ug/l	95
74) n-propylbenzene	13.017	91	179349	17.356	ug/l	100
75) 2-Chlorotoluene	13.106	91	106090	17.093	ug/l	100
76) 1,3,5-Trimethylbenzene	13.153	105	121557	17.078	ug/l	100
77) t-1,4-Dichloro-2-butene	12.723	75	16472	16.027	ug/l	88
78) 4-Chlorotoluene	13.200	91	111940	16.911	ug/l	100
79) tert-butylbenzene	13.417	119	101470	16.786	ug/l	97
80) 1,2,4-Trimethylbenzene	13.459	105	122221	16.821	ug/l	99
81) sec-Butylbenzene	13.594	105	153634	17.611	ug/l	99
82) p-Isopropyltoluene	13.706	119	129444	17.288	ug/l	97
83) 1,3-Dichlorobenzene	13.712	146	73508	17.129	ug/l	100
84) 1,4-Dichlorobenzene	13.794	146	70465	16.635	ug/l	98
85) n-Butylbenzene	14.035	91	121029	17.551	ug/l	100
86) Hexachloroethane	14.312	117	25410	17.439	ug/l	98
87) 1,2-Dichlorobenzene	14.082	146	66783	16.528	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.700	75	11286	16.851	ug/l	95
89) 1,2,4-Trichlorobenzene	15.811	180	40340	17.307	ug/l	97
90) Hexachlorobutadiene	15.470	225	18163	18.892	ug/l	93
91) Naphthalene	15.611	128	129546	16.699	ug/l	99
92) 1,2,3-Trichlorobenzene	15.811	180	40340	17.307	ug/l	97

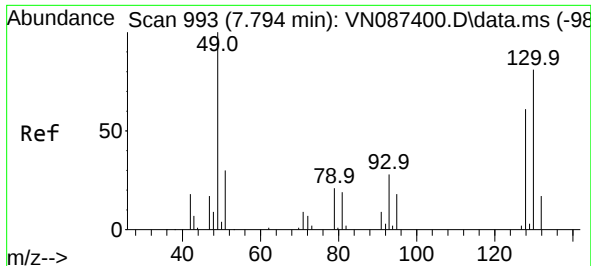
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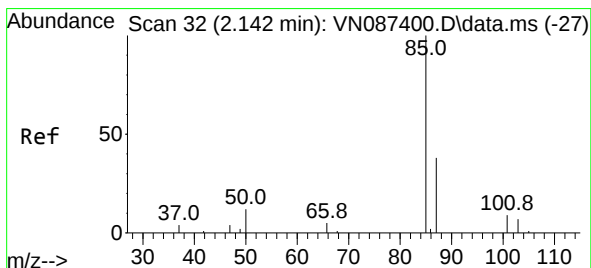
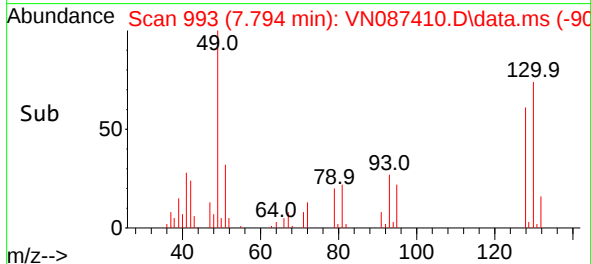
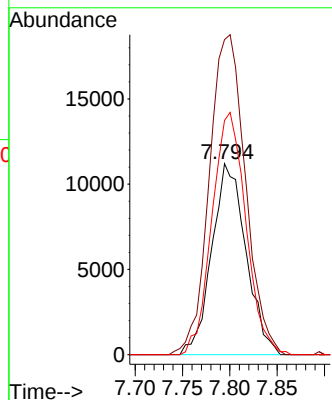
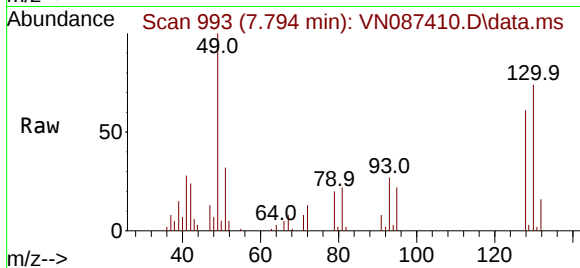




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 993
Delta R.T. 0.000 min
Lab File: VN087410.D
Acq: 24 Jul 2025 10:27

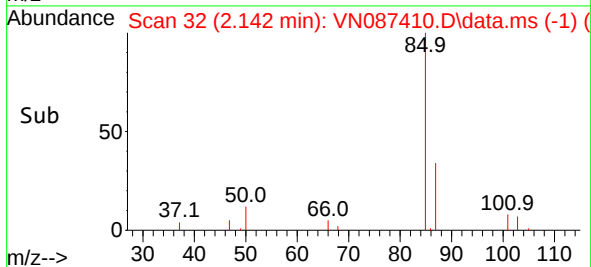
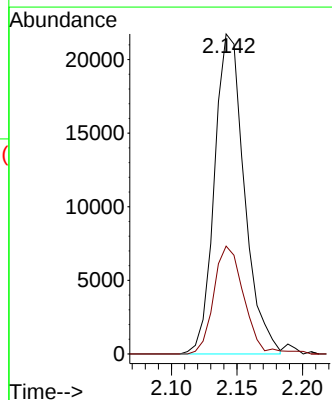
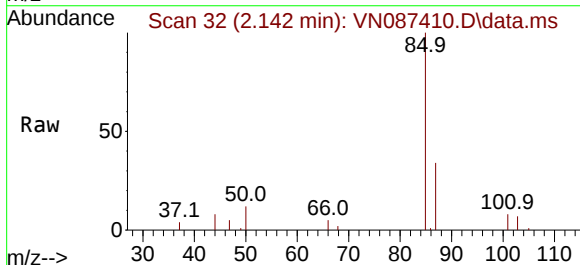
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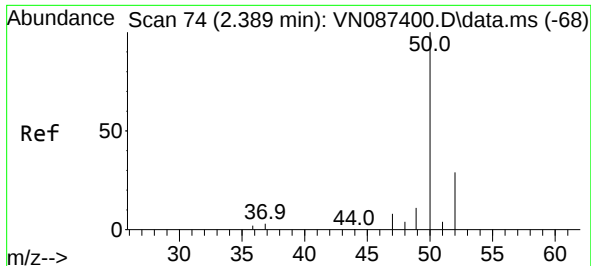
Tgt Ion:128 Resp: 28127
Ion Ratio Lower Upper
128 100
49 177.4 0.0 446.2
130 126.1 0.0 331.0



#2
Dichlorodifluoromethane
Concen: 20.040 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087410.D
Acq: 24 Jul 2025 10:27

Tgt Ion: 85 Resp: 34490
Ion Ratio Lower Upper
85 100
87 33.7 18.9 56.9

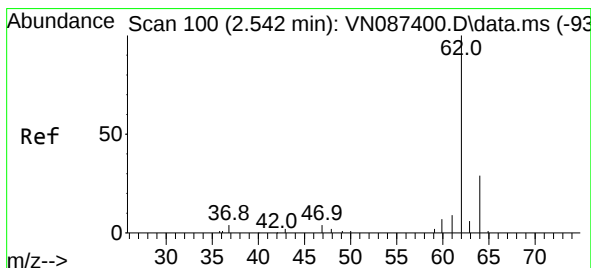
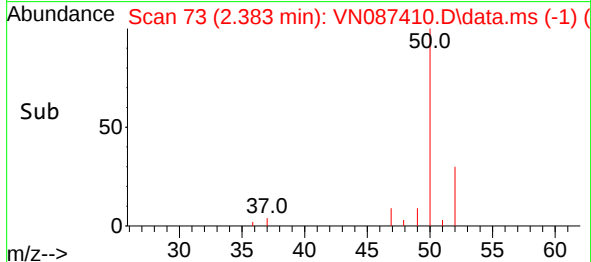
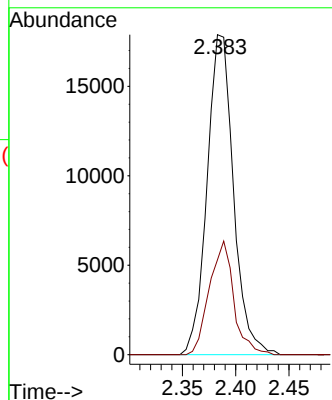
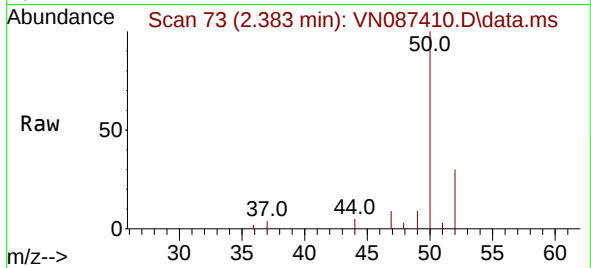




#3
Chloromethane
Concen: 18.031 ug/l
RT: 2.383 min Scan# 74
Delta R.T. -0.006 min
Lab File: VN087410.D
Acq: 24 Jul 2025 10:27

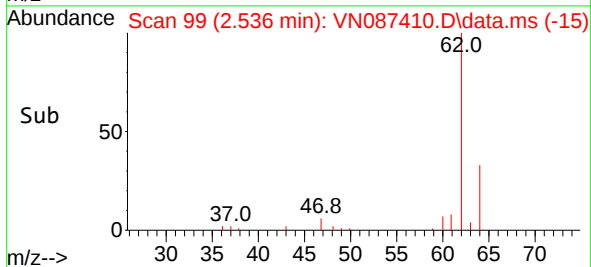
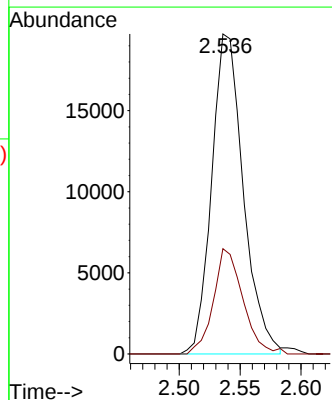
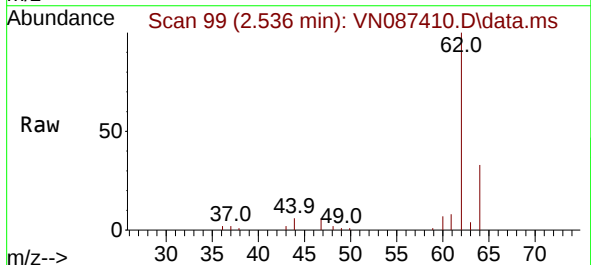
Instrument :
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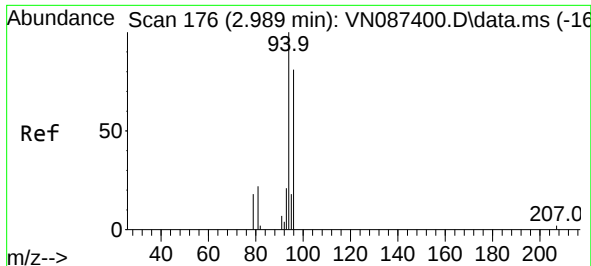
Tgt Ion: 50 Resp: 30822
Ion Ratio Lower Upper
50 100
52 29.7 23.2 34.8



#4
Vinyl Chloride
Concen: 18.917 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087410.D
Acq: 24 Jul 2025 10:27

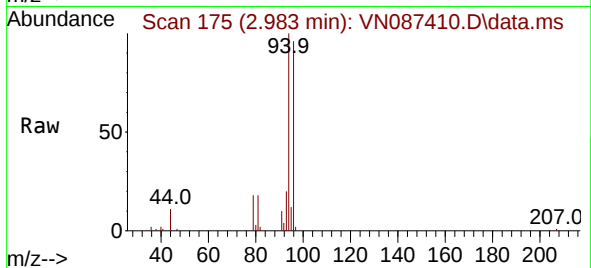
Tgt Ion: 62 Resp: 35640
Ion Ratio Lower Upper
62 100
64 32.9 23.2 34.8



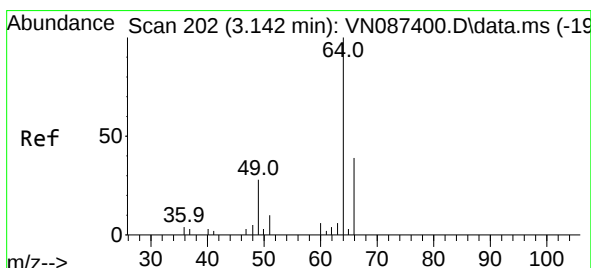
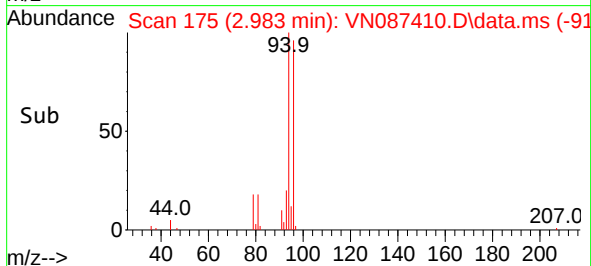
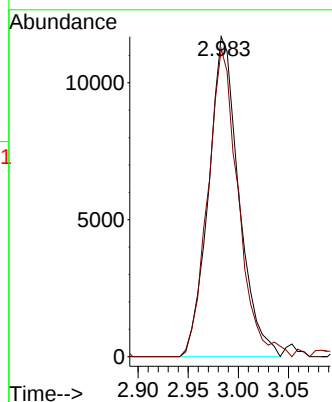


#5
Bromomethane
Concen: 21.100 ug/l
RT: 2.983 min Scan# 176
Delta R.T. -0.006 min
Lab File: VN087410.D
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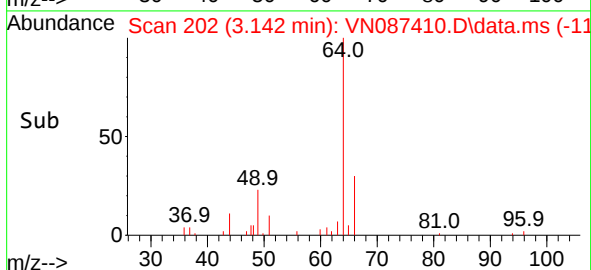
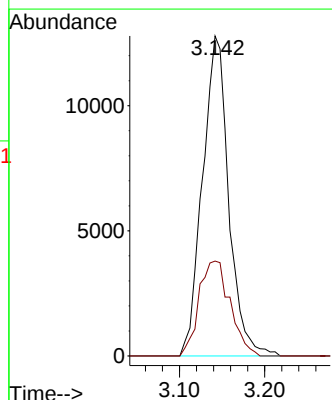
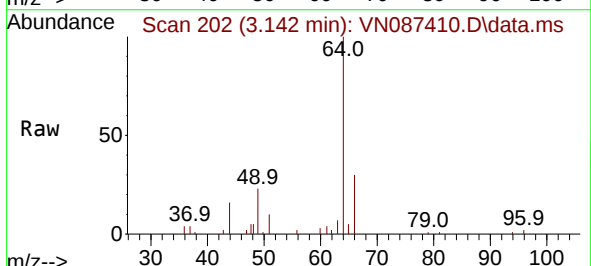


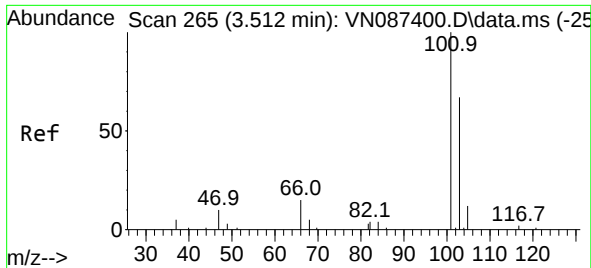
Tgt Ion: 94 Resp: 24599
Ion Ratio Lower Upper
94 100
96 96.2 64.6 96.8



#6
Chloroethane
Concen: 18.883 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN087410.D
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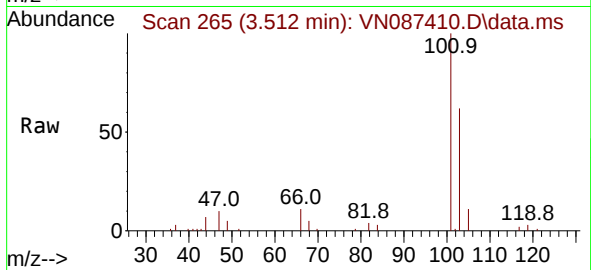
Tgt Ion: 64 Resp: 27341
Ion Ratio Lower Upper
64 100
66 29.6 31.4 47.2#



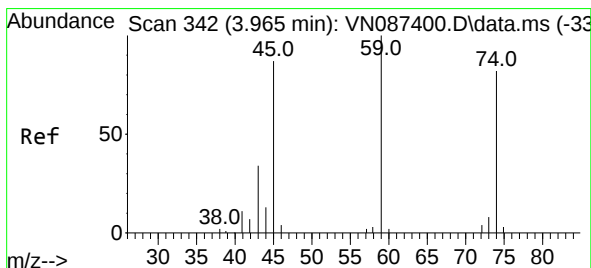
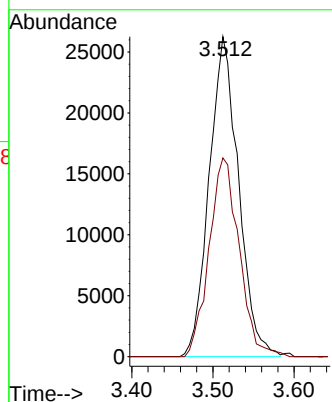
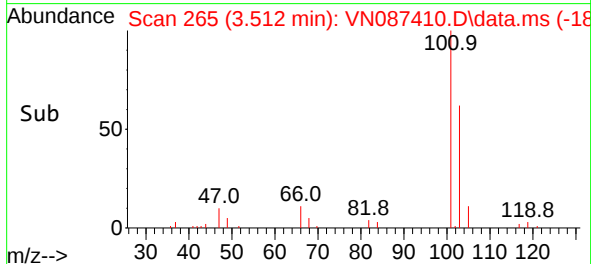


#7
 Trichlorofluoromethane
 Concen: 20.577 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. 0.000 min
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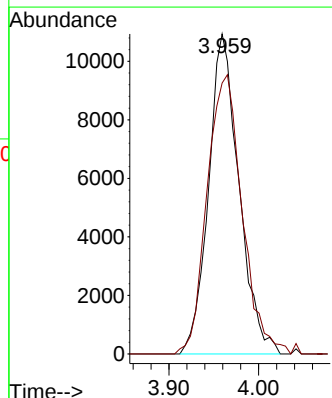
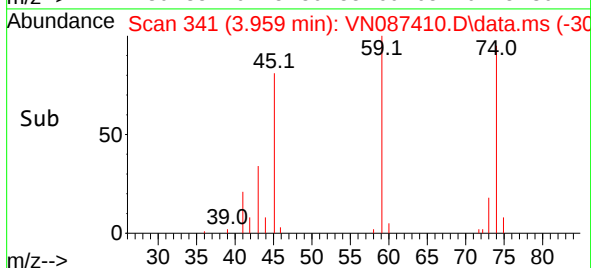
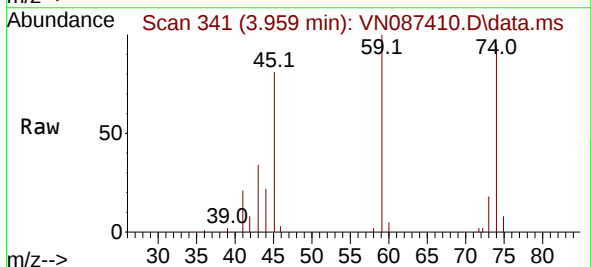


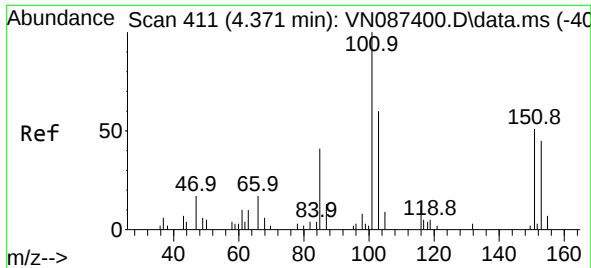
Tgt Ion:101 Resp: 65929
 Ion Ratio Lower Upper
 101 100
 103 62.1 53.7 80.5



#8
 Diethyl Ether
 Concen: 20.207 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN087410.D
 Acq: 24 Jul 2025 10:27

Tgt Ion: 74 Resp: 25772
 Ion Ratio Lower Upper
 74 100
 45 100.3 21.4 192.8

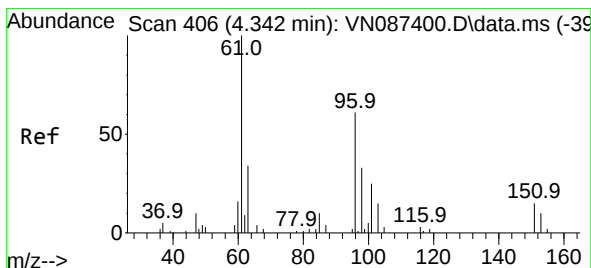
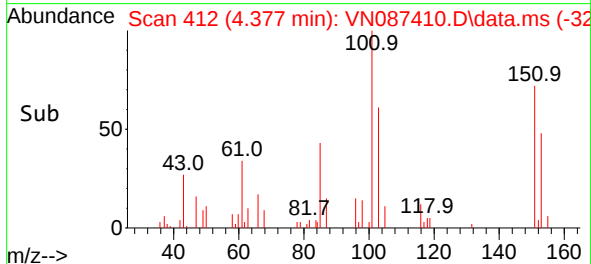
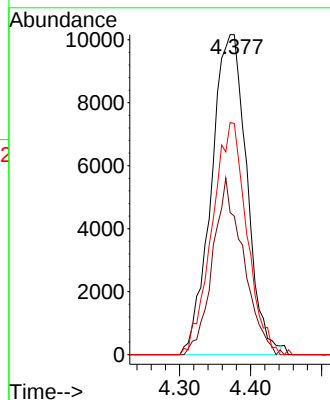
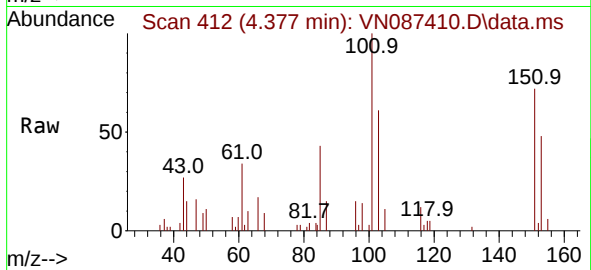




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.712 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN087410.D
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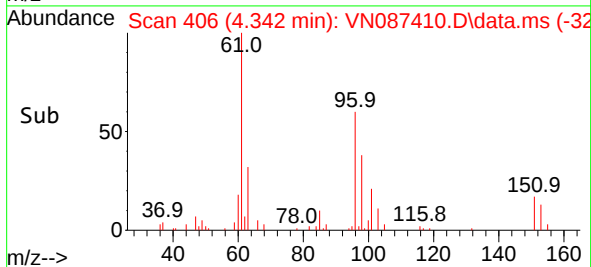
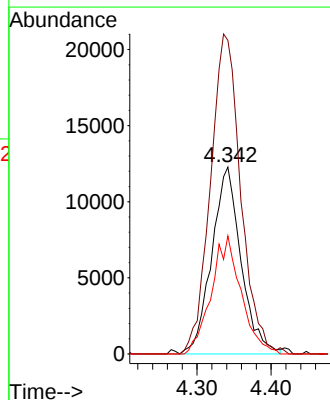
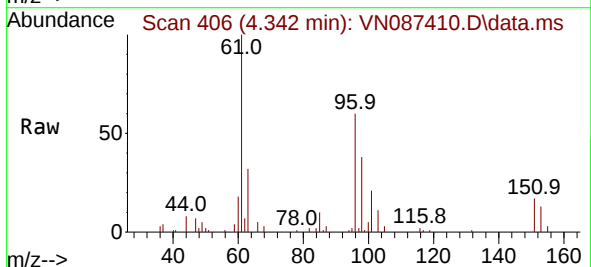
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MSVOA_N
ClientSampleId :

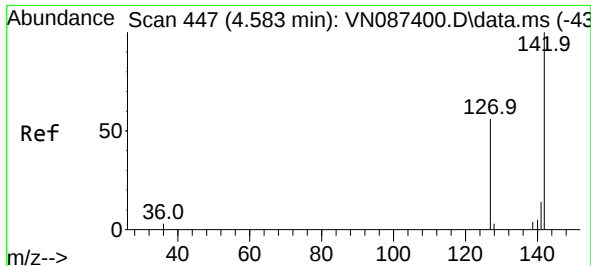
Tgt Ion:101 Resp: 35168
Ion Ratio Lower Upper
101 100
85 47.7 0.0 94.8
151 71.2 0.0 64.8#



#10
1,1-Dichloroethene
Concen: 19.124 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN087410.D
Acq: 24 Jul 2025 10:27

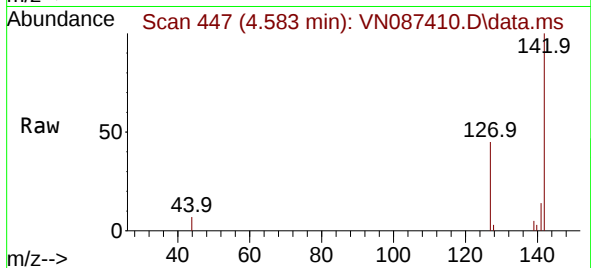
Tgt Ion: 96 Resp: 33713
Ion Ratio Lower Upper
96 100
61 167.8 131.8 197.8
98 63.2 43.0 64.4



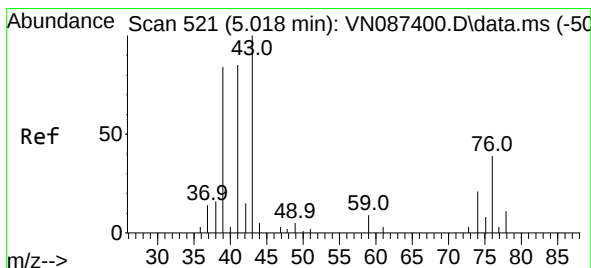
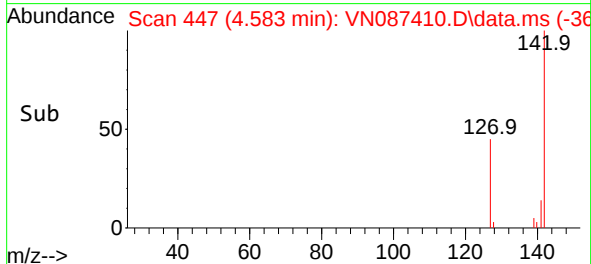
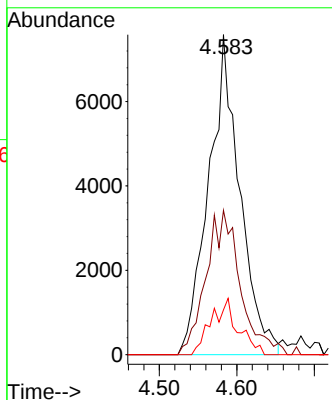


#11
Methyl Iodide
Concen: 16.502 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.000 min
Lab File: VN087410.D
Acq: 24 Jul 2025 10:27

Instrument :
MSVOA_N
ClientSampleId :

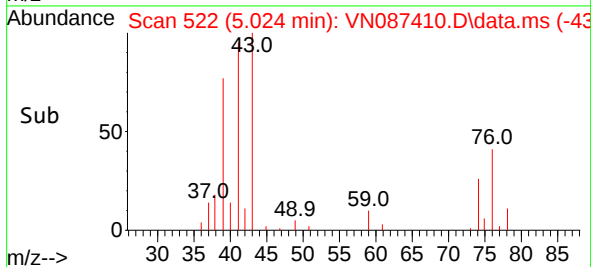
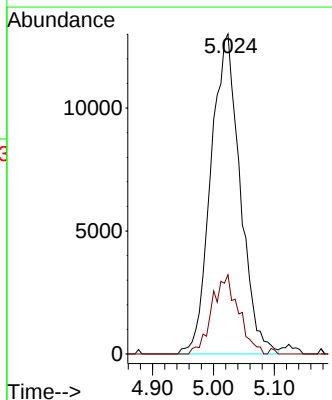
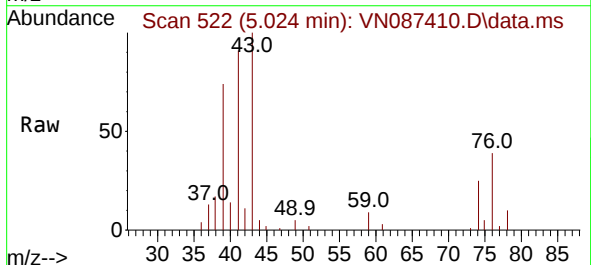


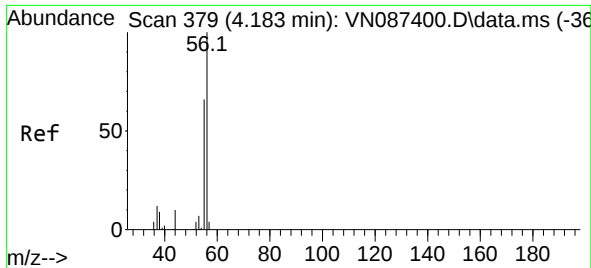
Tgt Ion:142 Resp: 21220
Ion Ratio Lower Upper
142 100
127 44.1 27.7 83.0
141 14.2 7.2 21.6



#12
Methyl Acetate
Concen: 18.924 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN087410.D
Acq: 24 Jul 2025 10:27

Tgt Ion: 43 Resp: 43392
Ion Ratio Lower Upper
43 100
74 24.9 16.9 25.3

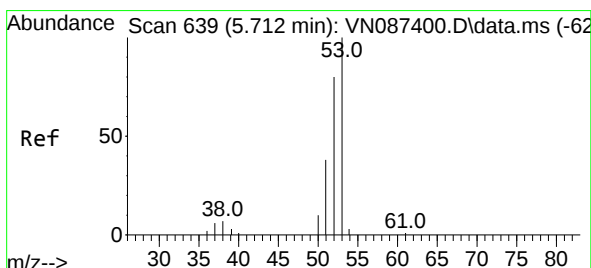
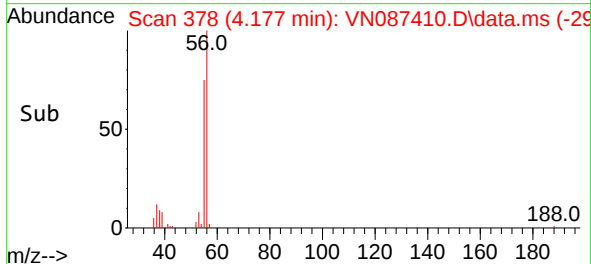
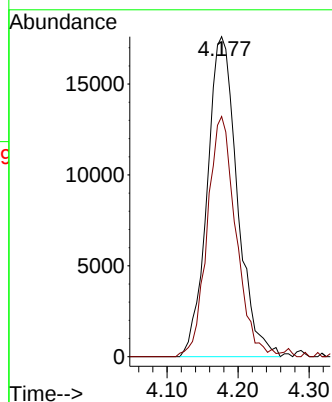
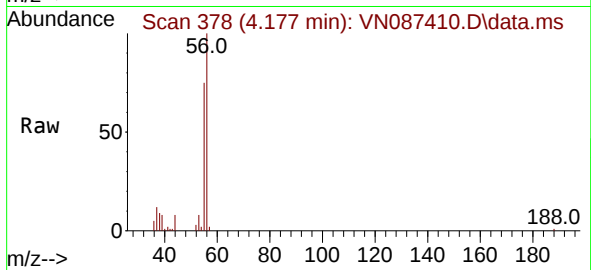




#13
Acrolein
Concen: 124.620 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN087410.D
Acq: 24 Jul 2025 10:27

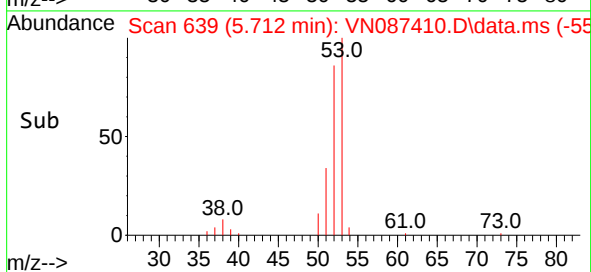
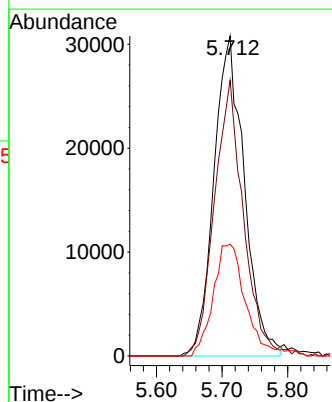
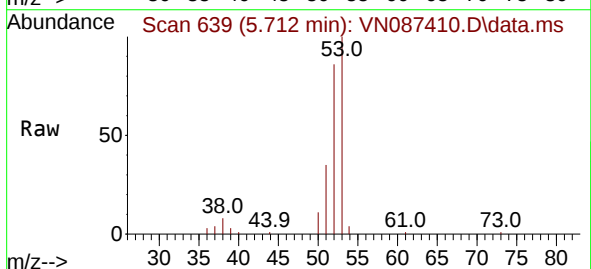
Instrument :
MSVOA_N
ClientSampleId :

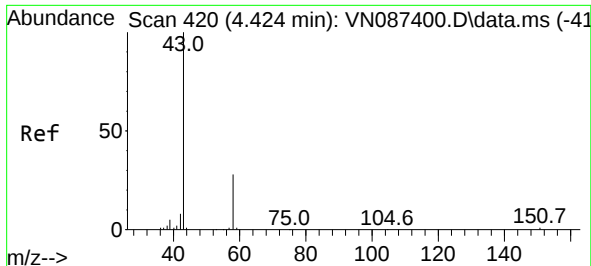
Tgt Ion: 56 Resp: 51948
Ion Ratio Lower Upper
56 100
55 69.8 56.8 85.2



#14
Acrylonitrile
Concen: 94.435 ug/l
RT: 5.712 min Scan# 639
Delta R.T. 0.000 min
Lab File: VN087410.D
Acq: 24 Jul 2025 10:27

Tgt Ion: 53 Resp: 98886
Ion Ratio Lower Upper
53 100
52 81.6 41.5 124.6
51 36.6 19.4 58.4





#15

Acetone

Concen: 90.410 ug/l

RT: 4.418 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN087410.D

Acq: 24 Jul 2025 10:27

Instrument :

MSVOA_N

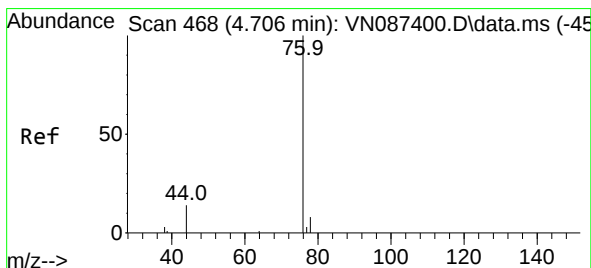
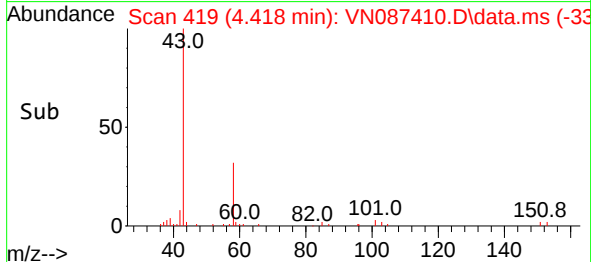
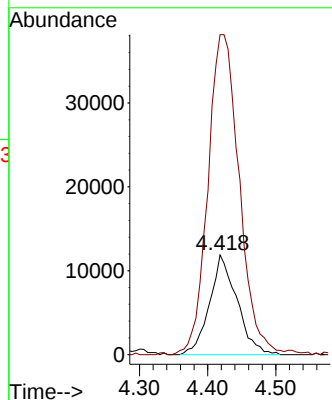
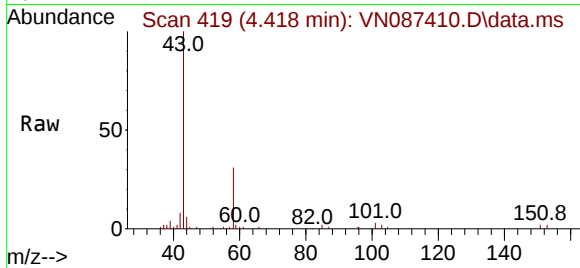
ClientSampleId :

Tgt Ion: 58 Resp: 33424

Ion Ratio Lower Upper

58 100

43 316.8 283.4 425.0



#16

Carbon Disulfide

Concen: 18.374 ug/l

RT: 4.700 min Scan# 467

Delta R.T. -0.006 min

Lab File: VN087410.D

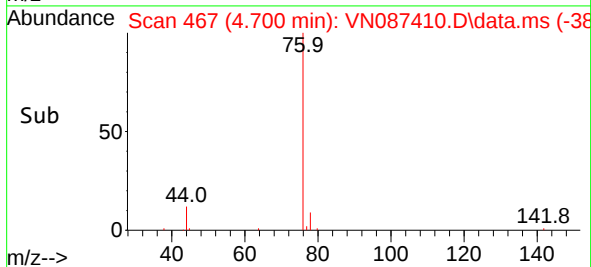
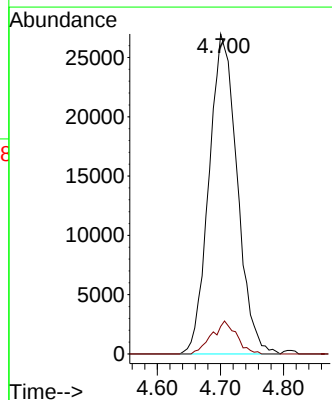
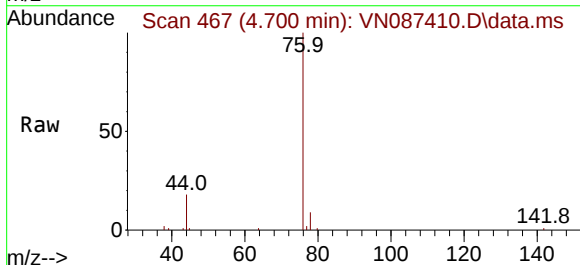
Acq: 24 Jul 2025 10:27

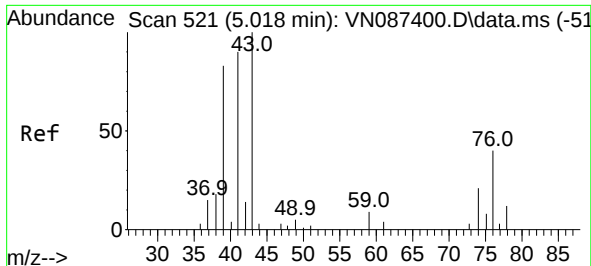
Tgt Ion: 76 Resp: 83650

Ion Ratio Lower Upper

76 100

78 8.6 6.6 10.0





#17

Allyl chloride

Concen: 17.610 ug/l

RT: 5.006 min Scan# 51

Delta R.T. -0.012 min

Lab File: VN087410.D

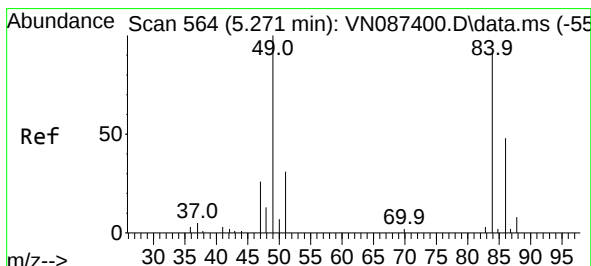
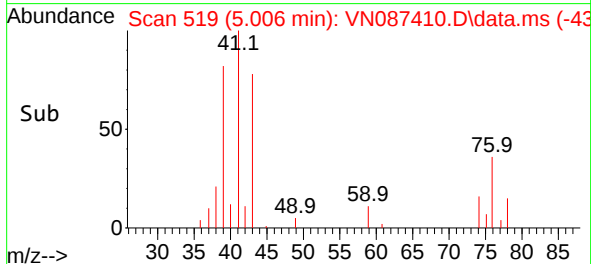
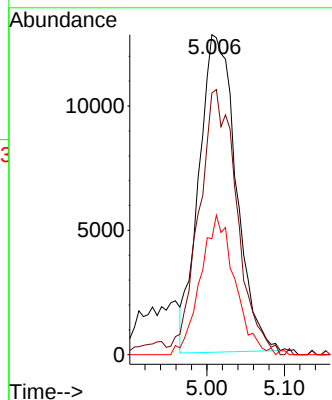
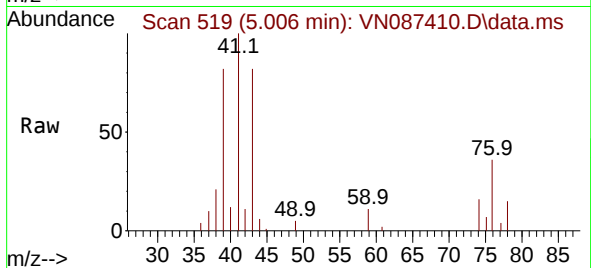
Acq: 24 Jul 2025 10:27

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	41	Resp:	42526
Ion	Ratio	Lower	Upper
41	100		
39	82.9	42.9	128.7
76	35.5	19.8	59.4



#18

Methylene Chloride

Concen: 18.756 ug/l

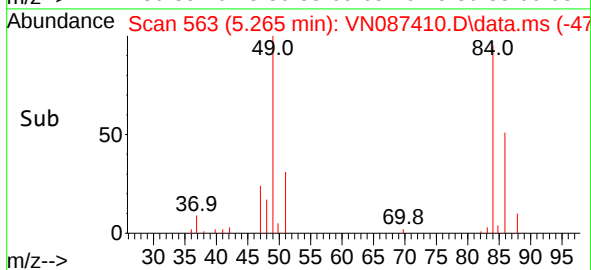
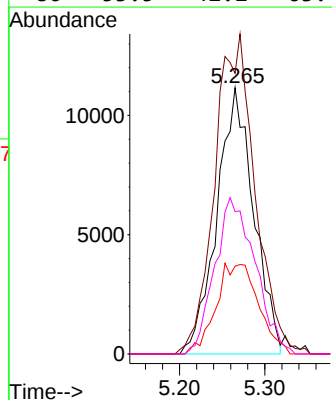
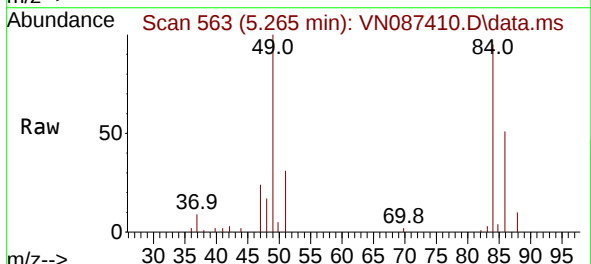
RT: 5.265 min Scan# 563

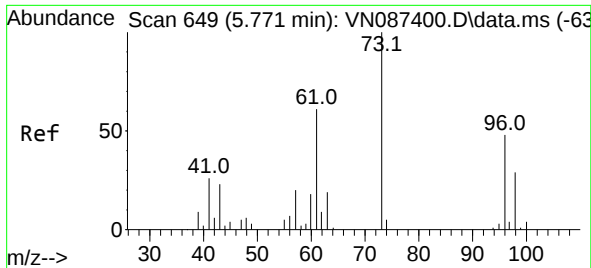
Delta R.T. -0.006 min

Lab File: VN087410.D

Acq: 24 Jul 2025 10:27

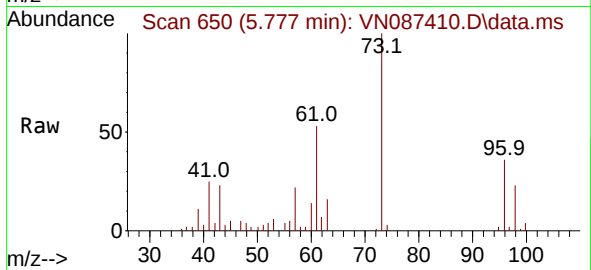
Tgt Ion:	84	Resp:	33463
Ion	Ratio	Lower	Upper
84	100		
49	103.7	88.4	132.6
51	32.9	27.3	40.9
86	53.5	42.2	63.4



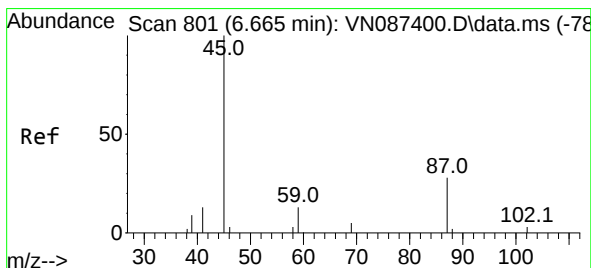
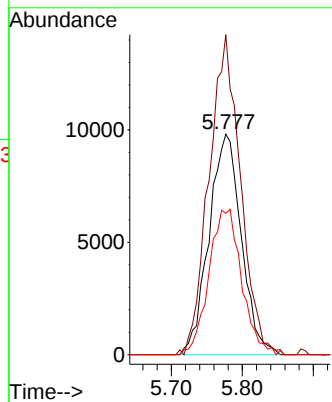
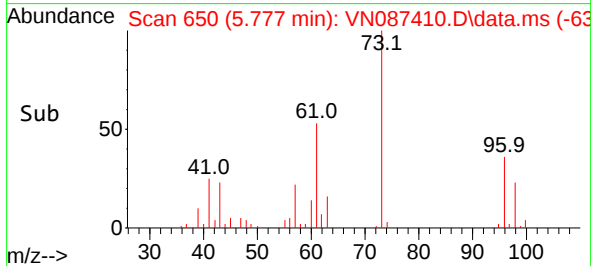


#19
trans-1,2-Dichloroethene
Concen: 17.931 ug/l
RT: 5.777 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN087410.D
Acq: 24 Jul 2025 10:27

Instrument :
MSVOA_N
ClientSampleId :

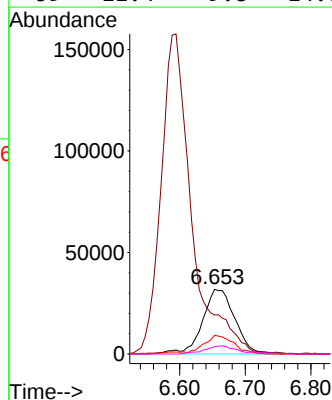
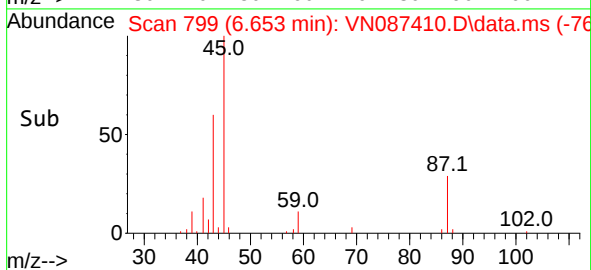
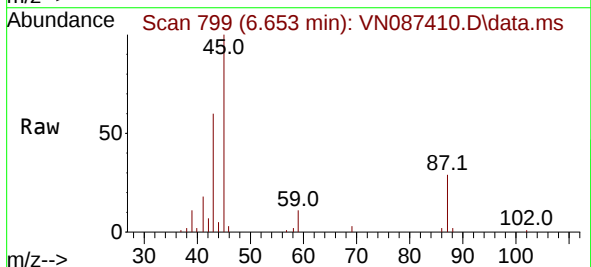


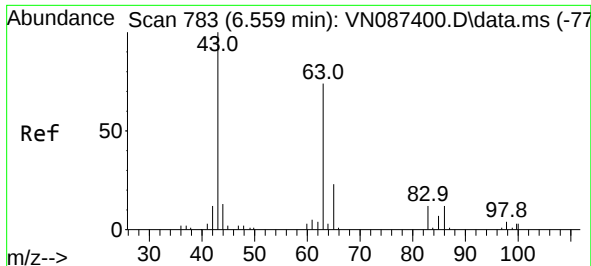
Tgt Ion: 96 Resp: 31043
Ion Ratio Lower Upper
96 100
61 142.9 101.7 152.5
98 64.1 48.2 72.4



#20
Diisopropyl ether
Concen: 17.354 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.012 min
Lab File: VN087410.D
Acq: 24 Jul 2025 10:27

Tgt Ion: 45 Resp: 105973
Ion Ratio Lower Upper
45 100
43 58.5 46.0 69.0
87 28.7 23.4 35.2
59 11.4 9.8 14.6

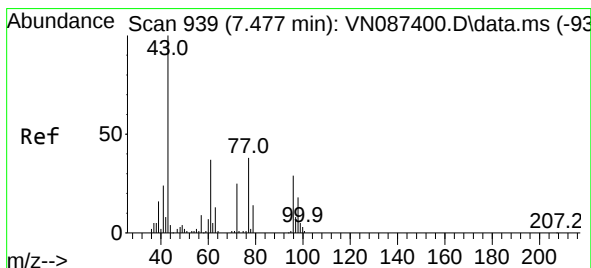
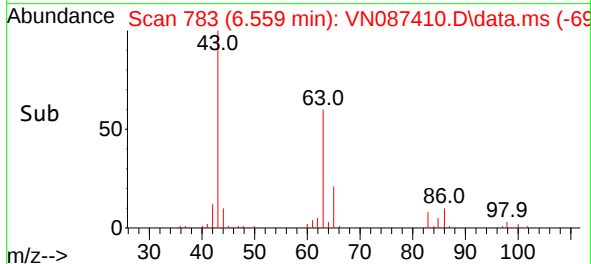
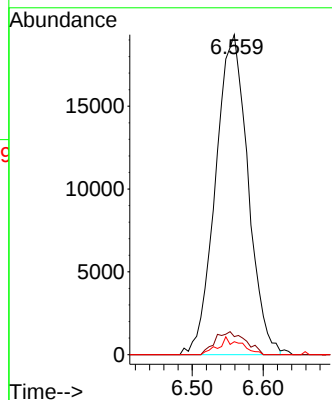
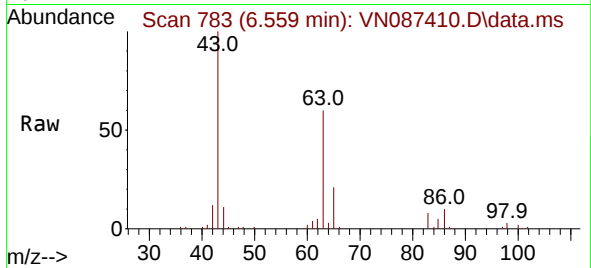




#21
1,1-Dichloroethane
Concen: 18.804 ug/l
RT: 6.559 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087410.D
Acq: 24 Jul 2025 10:27

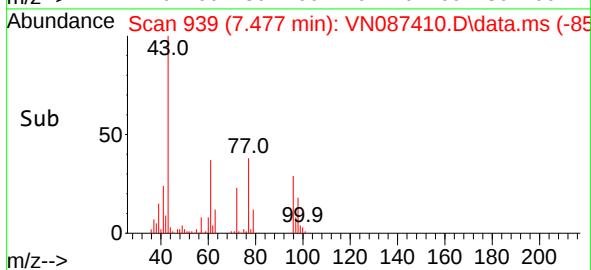
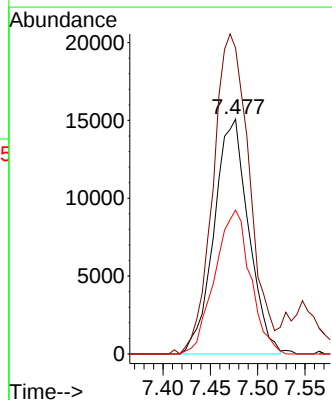
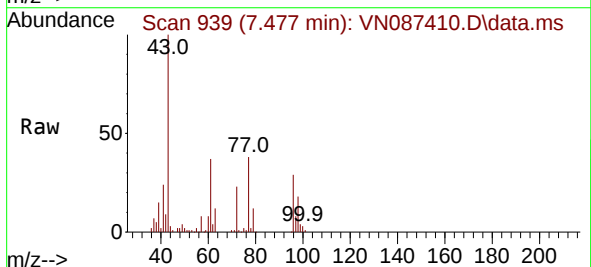
Instrument :
MSVOA_N
ClientSampleId :

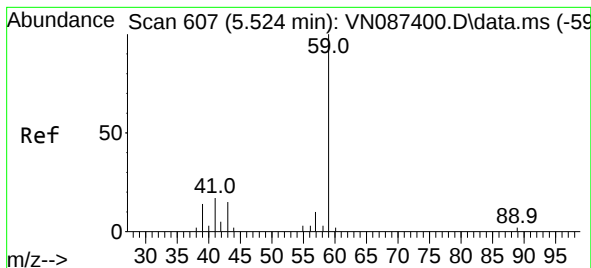
Tgt Ion: 63 Resp: 61332
Ion Ratio Lower Upper
63 100
98 5.7 2.9 8.6
100 4.1 3.6 10.8



#22
cis-1,2-Dichloroethene
Concen: 18.851 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.000 min
Lab File: VN087410.D
Acq: 24 Jul 2025 10:27

Tgt Ion: 96 Resp: 38226
Ion Ratio Lower Upper
96 100
61 143.4 120.4 180.6
98 63.0 54.0 81.0





#23

tert-Butyl Alcohol

Concen: 100.928 ug/l

RT: 5.518 min Scan# 607

Delta R.T. -0.006 min

Lab File: VN087410.D

Acq: 24 Jul 2025 10:27

Instrument :

MSVOA_N

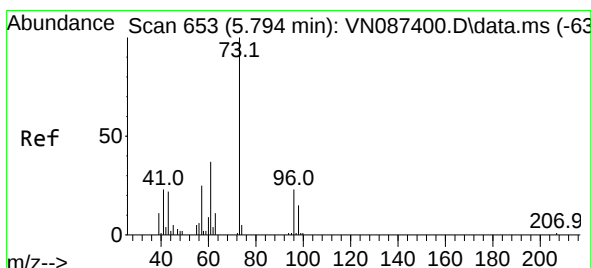
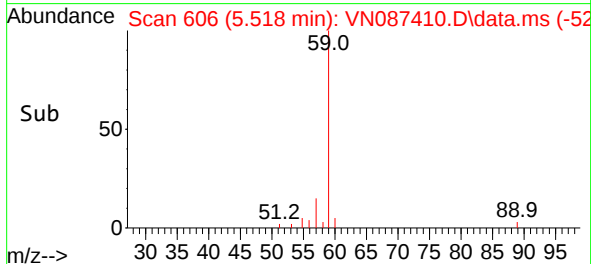
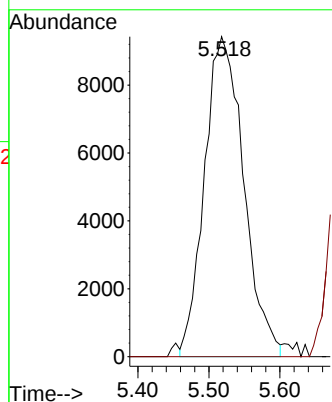
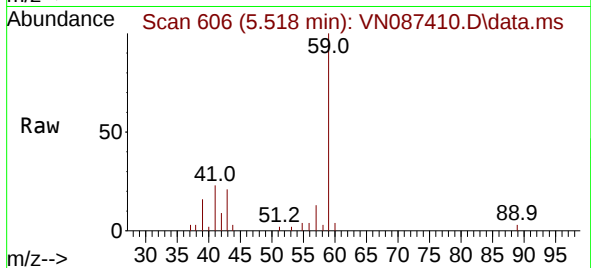
ClientSampleId :

Tgt Ion: 59 Resp: 36221

Ion Ratio Lower Upper

59 100

52 0.0 0.0 0.0



#24

Methyl tert-Butyl Ether

Concen: 18.662 ug/l

RT: 5.794 min Scan# 653

Delta R.T. 0.000 min

Lab File: VN087410.D

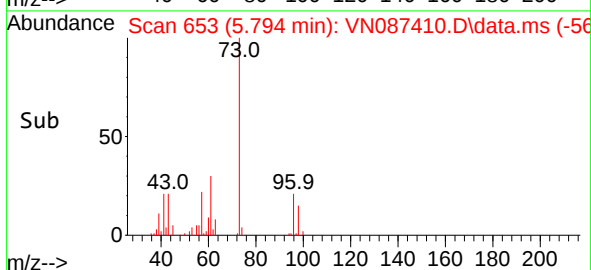
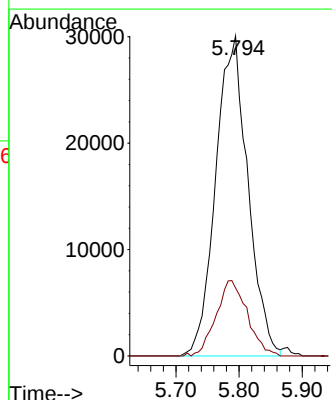
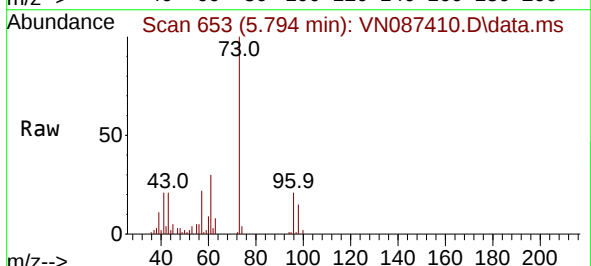
Acq: 24 Jul 2025 10:27

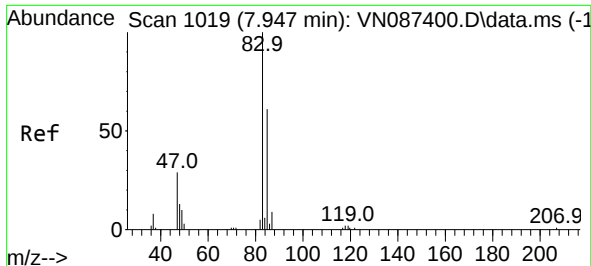
Tgt Ion: 73 Resp: 106315

Ion Ratio Lower Upper

73 100

43 22.9 17.7 26.5

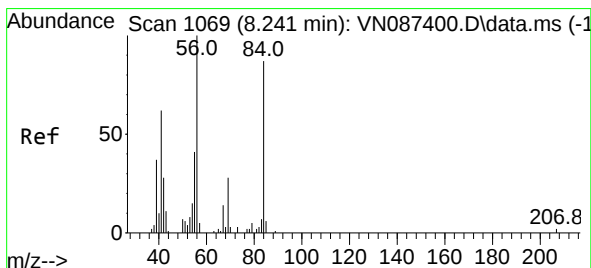
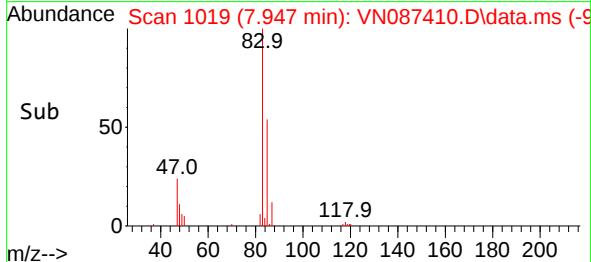
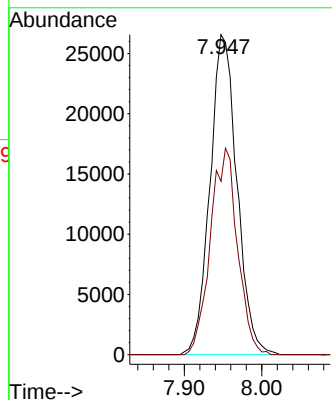
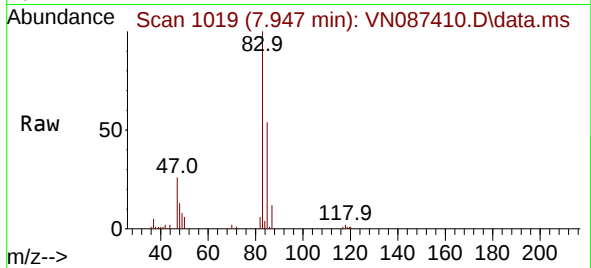




#25
Chloroform
Concen: 18.017 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VN087410.D
Acq: 24 Jul 2025 10:27

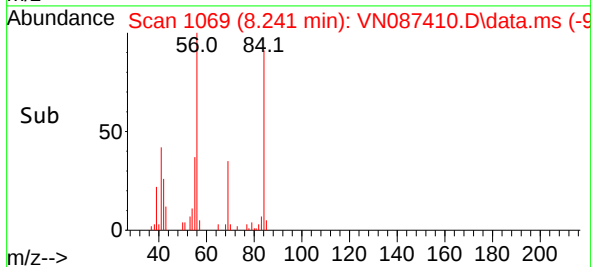
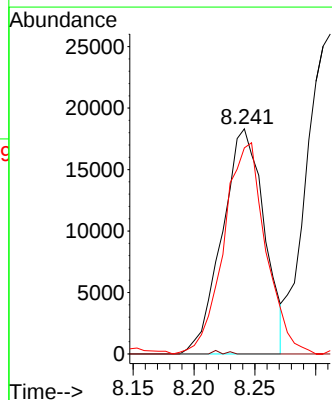
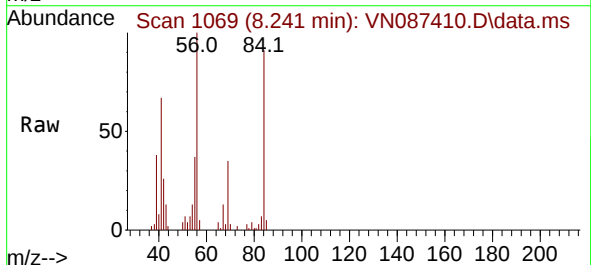
Instrument :
MSVOA_N
ClientSampleId :

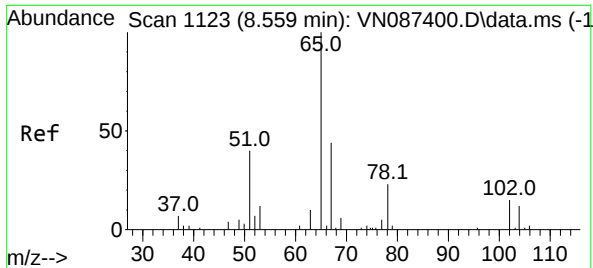
Tgt Ion: 83 Resp: 64360
Ion Ratio Lower Upper
83 100
85 54.2 48.6 73.0



#26
Cyclohexane
Concen: 18.094 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN087410.D
Acq: 24 Jul 2025 10:27

Tgt Ion: 56 Resp: 43996
Ion Ratio Lower Upper
56 100
89 0.1 1.5 2.3#
84 93.3 71.2 106.8

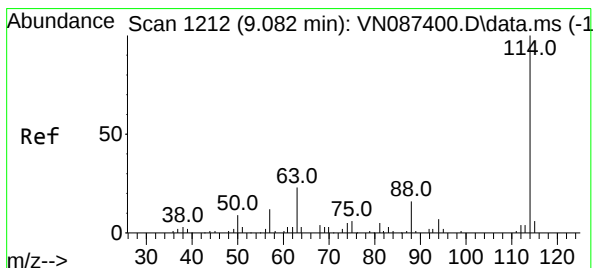
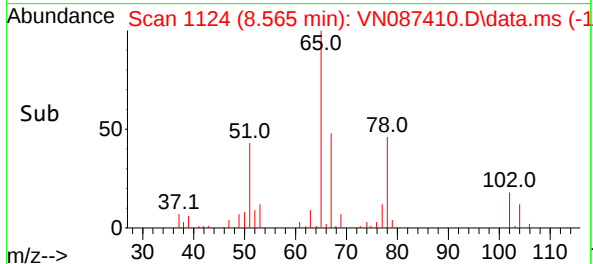
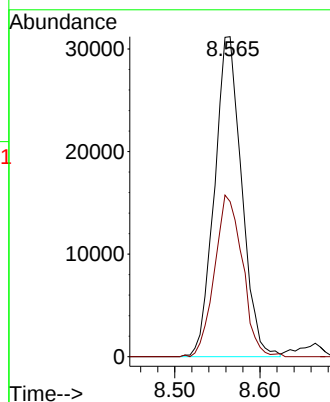
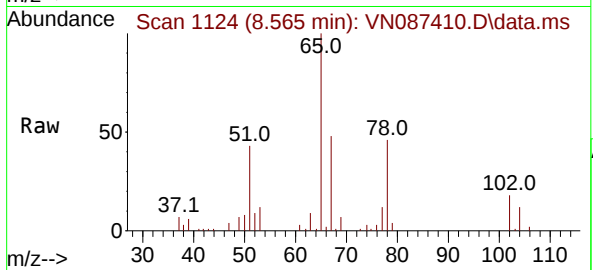




#27
1,2-Dichloroethane-d4
Concen: 29.783 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN087410.D
Acq: 24 Jul 2025 10:27

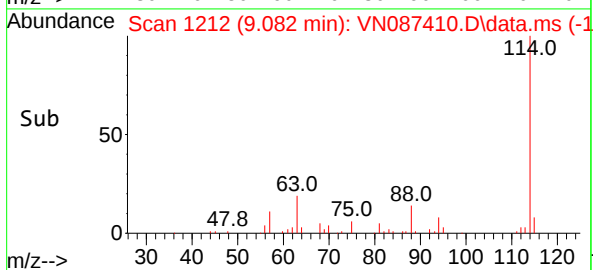
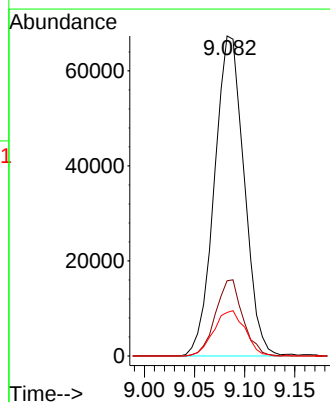
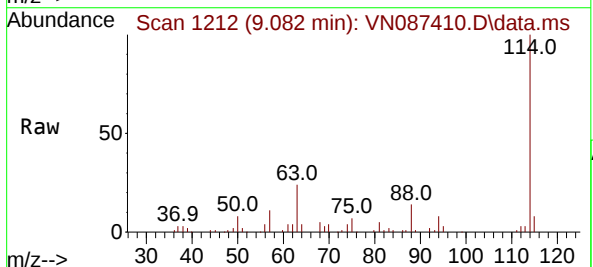
Instrument :
MSVOA_N
ClientSampleId :

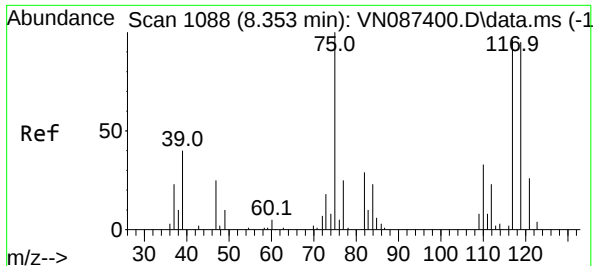
Tgt Ion: 65 Resp: 69087
Ion Ratio Lower Upper
65 100
67 51.4 40.2 60.4



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN087410.D
Acq: 24 Jul 2025 10:27

Tgt Ion: 114 Resp: 138710
Ion Ratio Lower Upper
114 100
63 21.8 16.8 25.2
88 14.8 12.5 18.7





#29

1,1-Dichloropropene

Concen: 16.755 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VN087410.D

Acq: 24 Jul 2025 10:27

Instrument :

MSVOA_N

ClientSampleId :

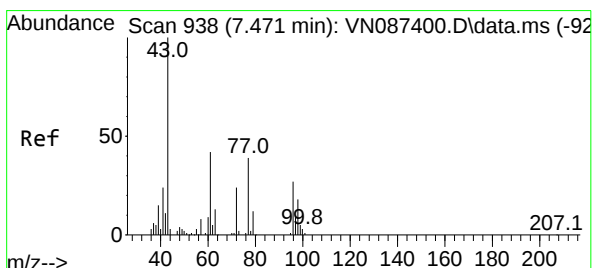
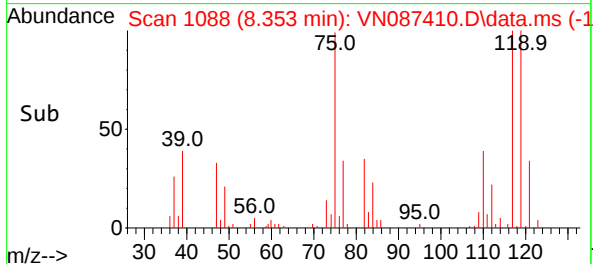
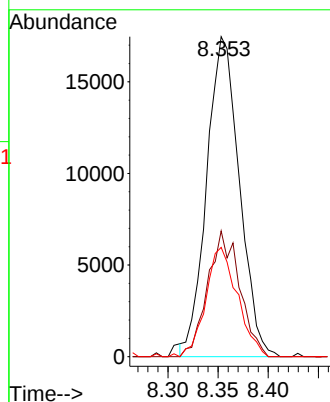
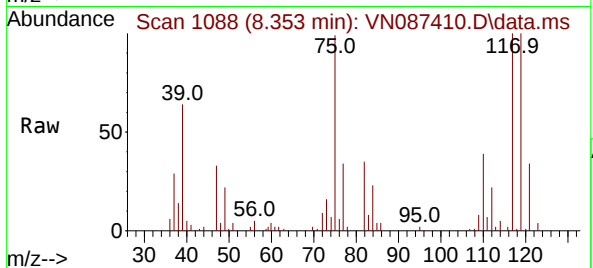
Tgt Ion: 75 Resp: 39651

Ion Ratio Lower Upper

75 100

110 38.4 0.0 66.4

77 33.0 0.0 61.6



#30

2-Butanone

Concen: 89.078 ug/l

RT: 7.471 min Scan# 938

Delta R.T. 0.000 min

Lab File: VN087410.D

Acq: 24 Jul 2025 10:27

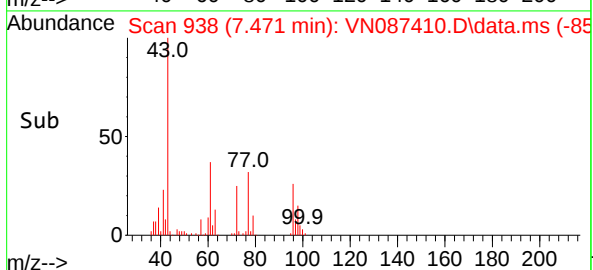
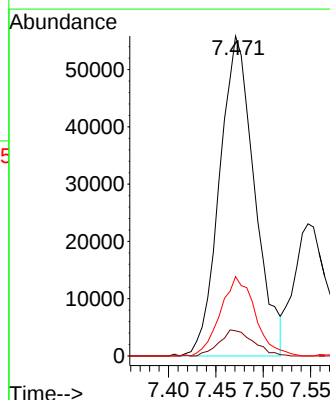
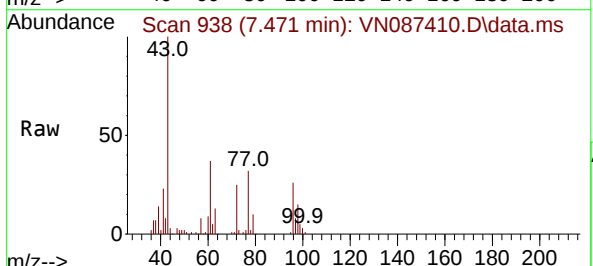
Tgt Ion: 43 Resp: 143567

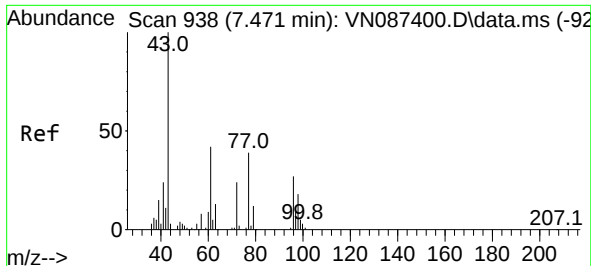
Ion Ratio Lower Upper

43 100

57 7.9 6.6 9.8

72 24.6 20.6 30.8





#31

2,2-Dichloropropane

Concen: 17.662 ug/l

RT: 7.477 min Scan# 91

Delta R.T. 0.006 min

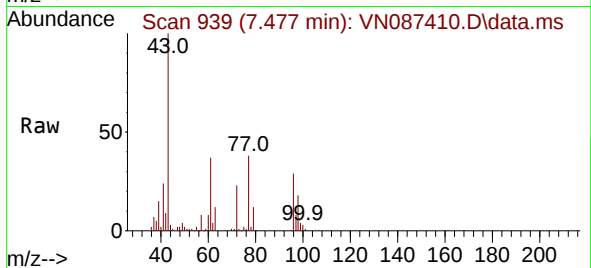
Lab File: VN087410.D

Acq: 24 Jul 2025 10:27

Instrument :

MSVOA_N

ClientSampleId :

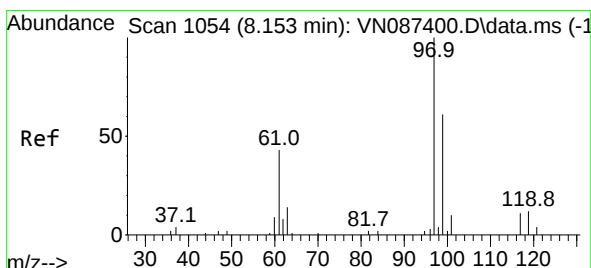
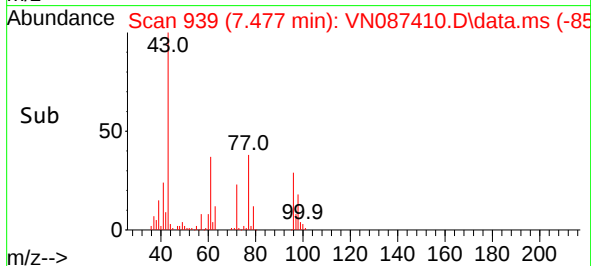
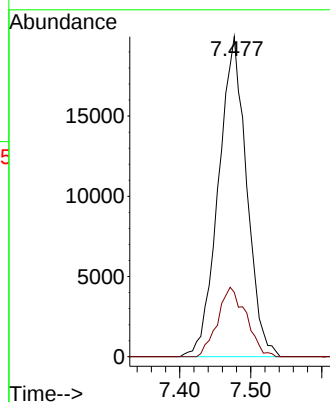


Tgt Ion: 77 Resp: 54894

Ion Ratio Lower Upper

77 100

97 21.7 17.1 25.7



#32

1,1,1-Trichloroethane

Concen: 18.249 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN087410.D

Acq: 24 Jul 2025 10:27

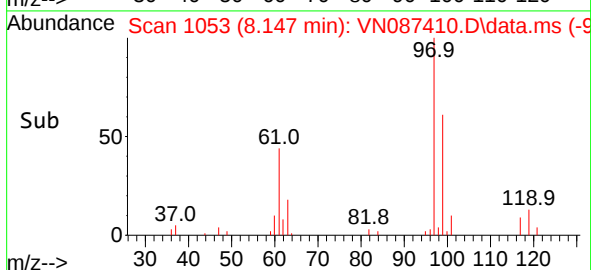
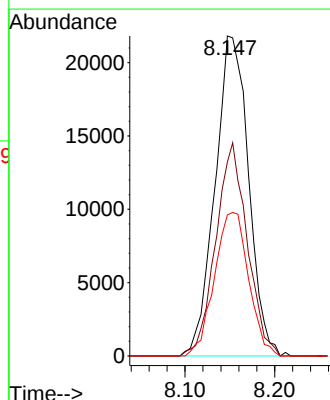
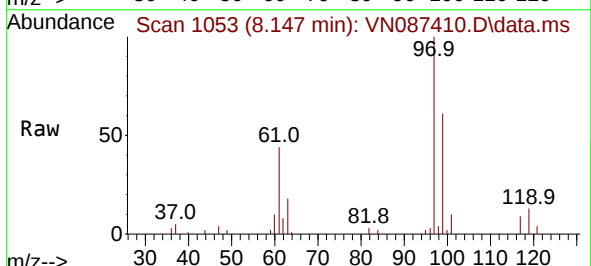
Tgt Ion: 97 Resp: 56522

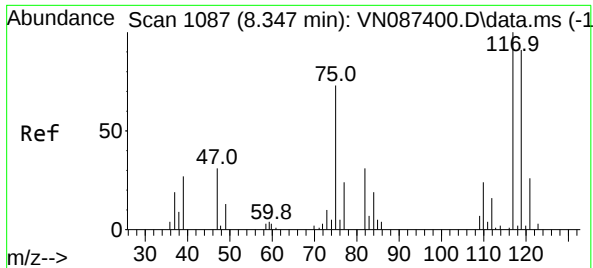
Ion Ratio Lower Upper

97 100

99 62.6 51.0 76.6

61 45.7 36.1 54.1

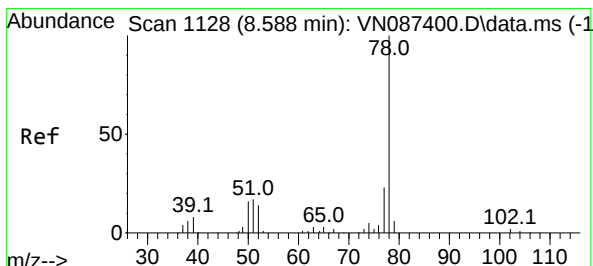
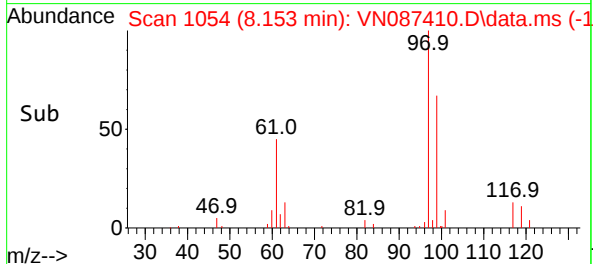
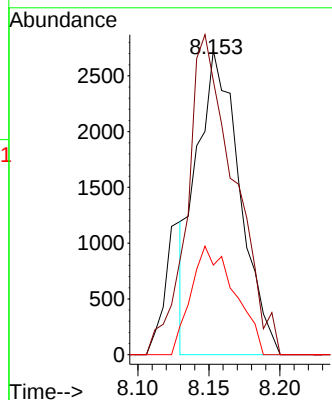
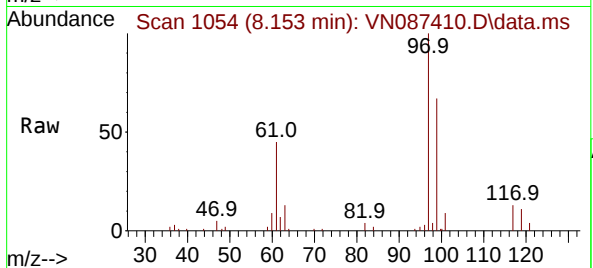




#33
Carbon Tetrachloride
Concen: 2.149 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.194 min
Lab File: VN087410.D
Acq: 24 Jul 2025 10:27

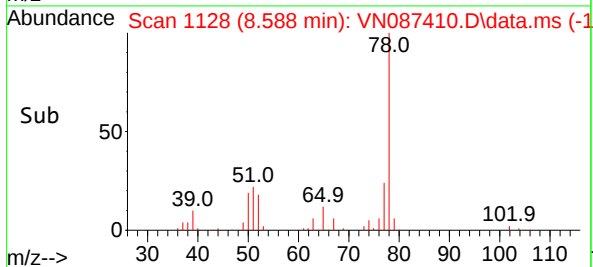
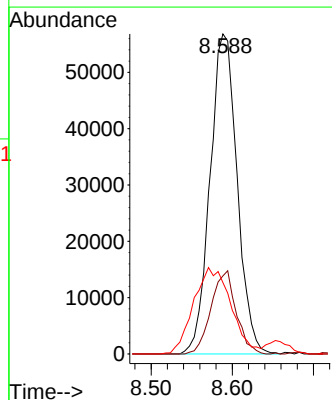
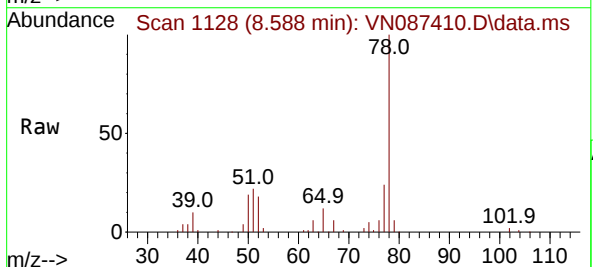
Instrument :
MSVOA_N
ClientSampleId :

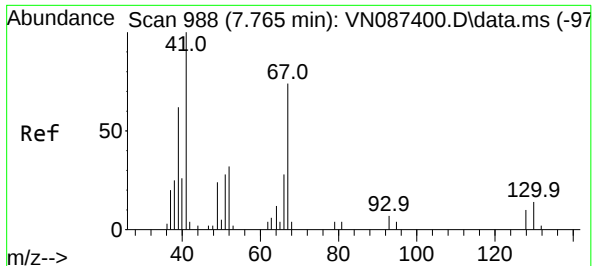
Tgt Ion:117 Resp: 5782
Ion Ratio Lower Upper
117 100
119 90.0 72.7 109.1
121 29.5 21.1 31.7



#34
Benzene
Concen: 17.241 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN087410.D
Acq: 24 Jul 2025 10:27

Tgt Ion: 78 Resp: 131779
Ion Ratio Lower Upper
78 100
77 24.4 18.2 27.2
51 18.6 13.8 20.8

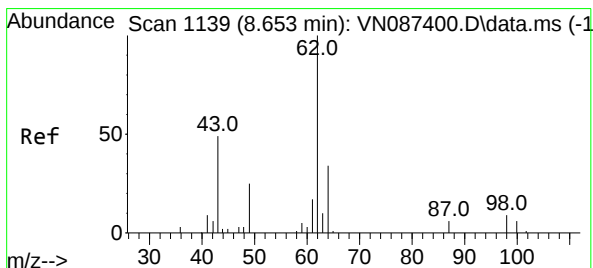
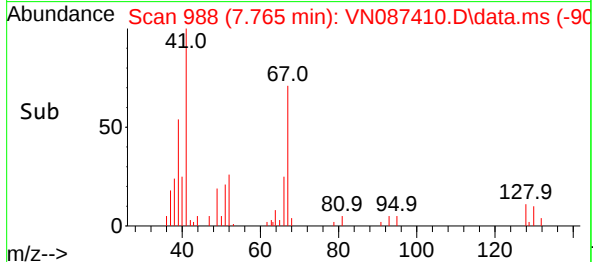
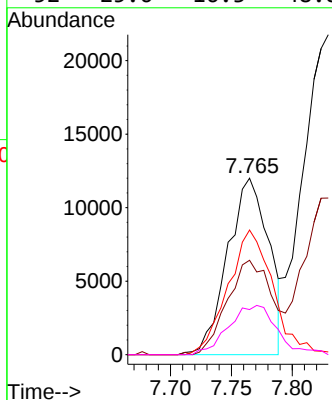
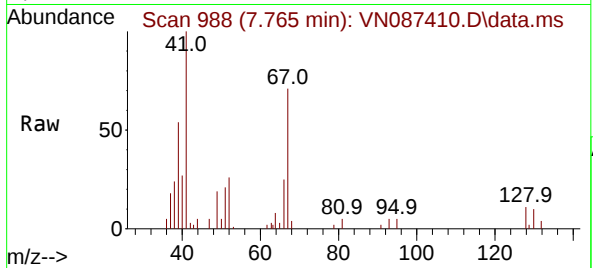




#35
Methacrylonitrile
Concen: 16.693 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087410.D
Acq: 24 Jul 2025 10:27

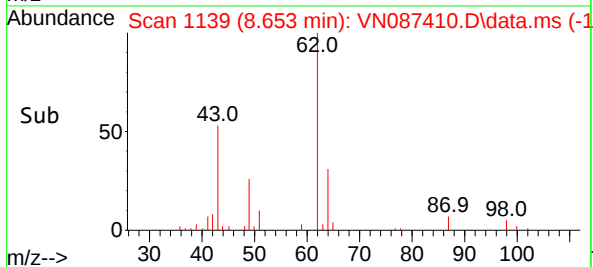
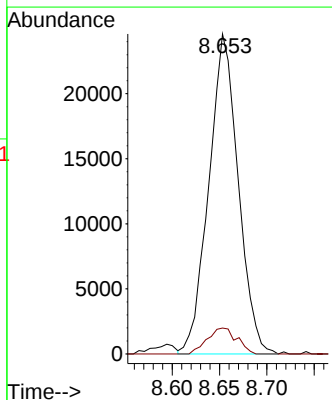
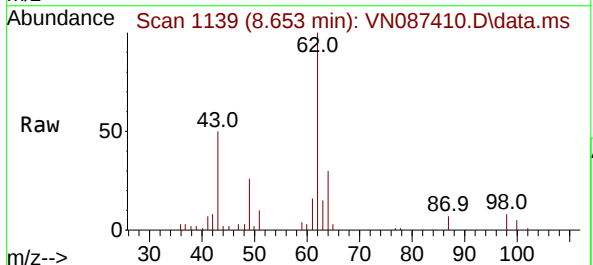
Instrument :
MSVOA_N
ClientSampleId :

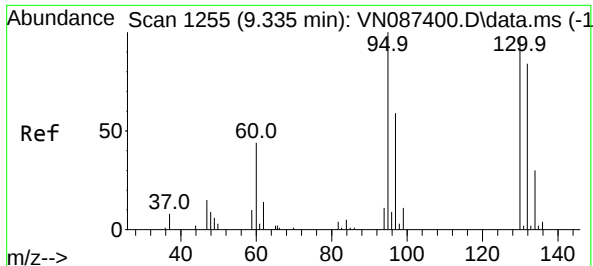
Tgt Ion:	41	Resp:	28293
Ion	Ratio	Lower	Upper
41	100		
39	53.5	31.0	93.0
67	70.6	36.8	110.3
52	25.6	16.3	48.8



#36
1,2-Dichloroethane
Concen: 17.609 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087410.D
Acq: 24 Jul 2025 10:27

Tgt Ion:	62	Resp:	53095
Ion	Ratio	Lower	Upper
62	100		
98	8.1	6.6	9.8





#37

Trichloroethene

Concen: 18.754 ug/l

RT: 9.335 min Scan# 1255

Delta R.T. 0.000 min

Lab File: VN087410.D

Acq: 24 Jul 2025 10:27

Instrument :

MSVOA_N

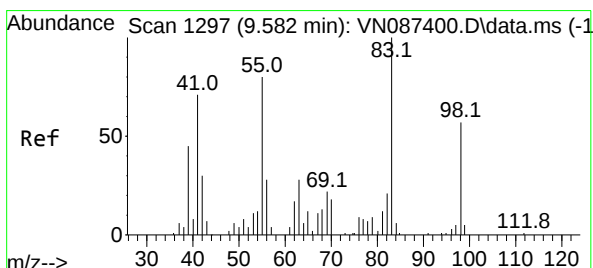
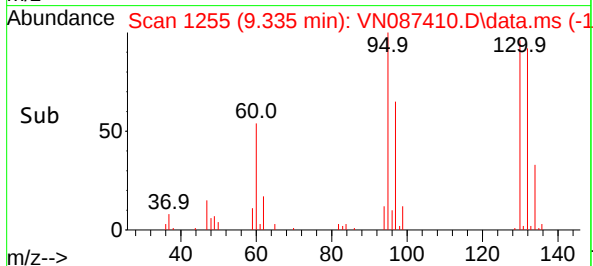
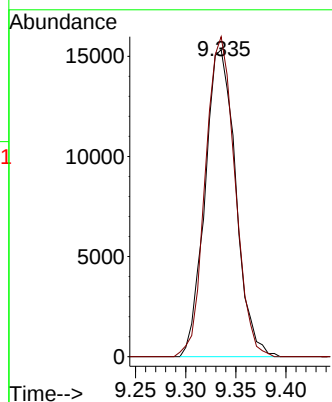
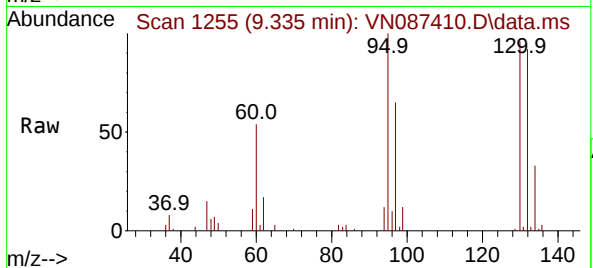
ClientSampleId :

Tgt Ion:130 Resp: 32712

Ion Ratio Lower Upper

130 100

95 104.2 82.4 123.6



#38

Methylcyclohexane

Concen: 17.985 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. 0.000 min

Lab File: VN087410.D

Acq: 24 Jul 2025 10:27

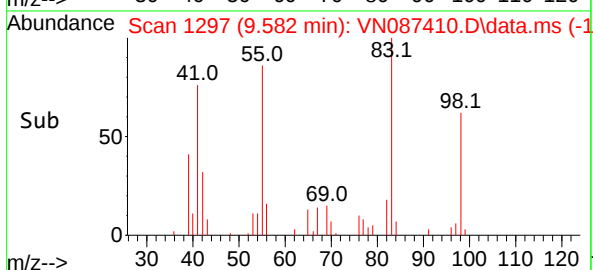
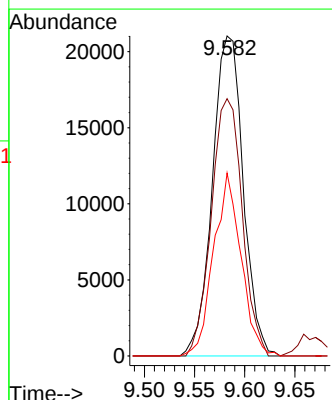
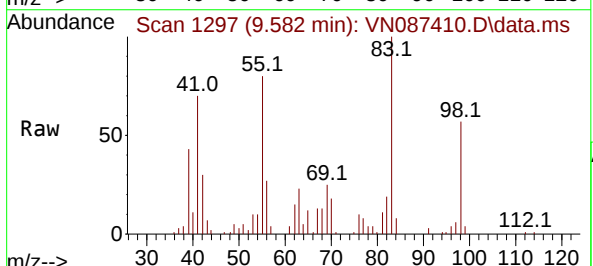
Tgt Ion: 83 Resp: 44993

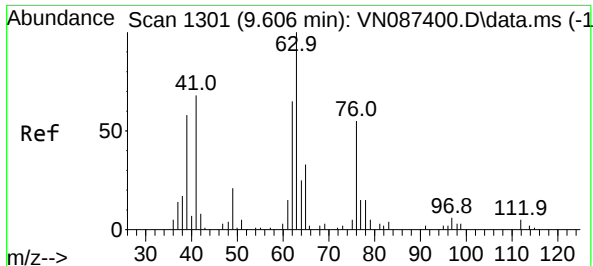
Ion Ratio Lower Upper

83 100

55 80.6 40.9 122.8

98 50.9 25.6 76.6





#39

1,2-Dichloropropane

Concen: 17.310 ug/l

RT: 9.600 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN087410.D

Acq: 24 Jul 2025 10:27

Instrument :

MSVOA_N

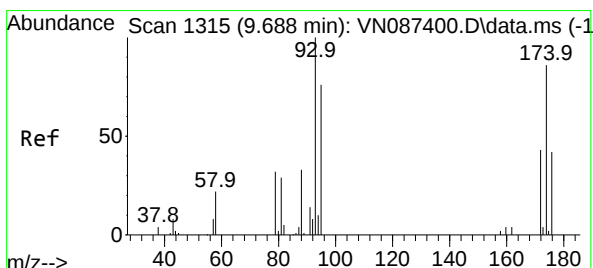
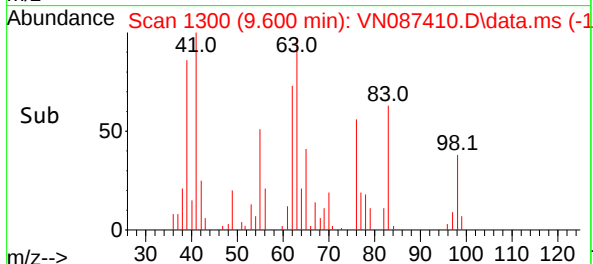
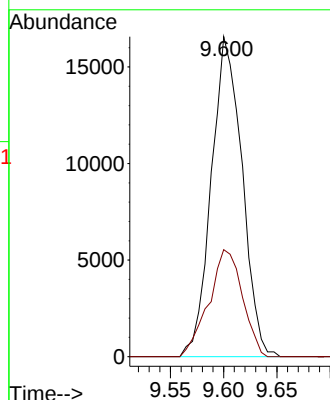
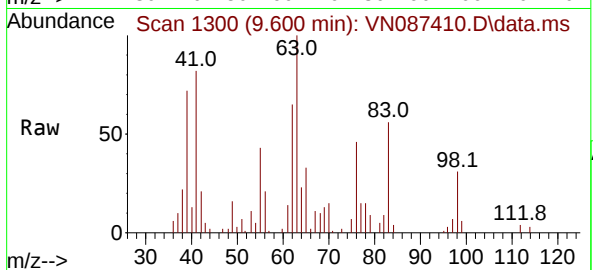
ClientSampleId :

Tgt Ion: 63 Resp: 33239

Ion Ratio Lower Upper

63 100

65 33.5 26.1 39.1



#40

Dibromomethane

Concen: 17.307 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN087410.D

Acq: 24 Jul 2025 10:27

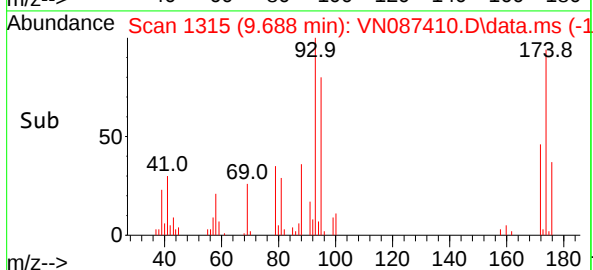
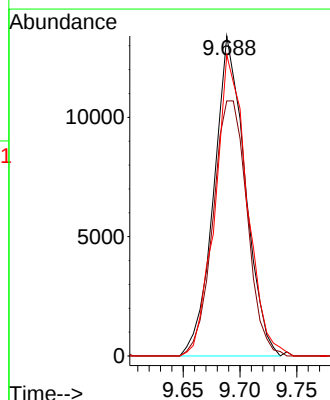
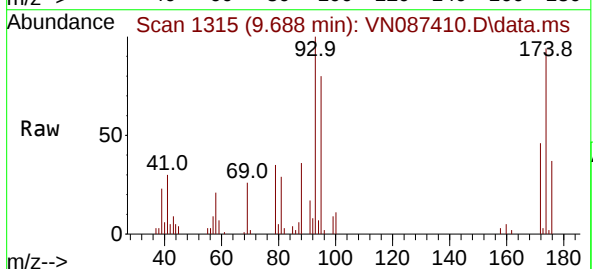
Tgt Ion: 93 Resp: 25712

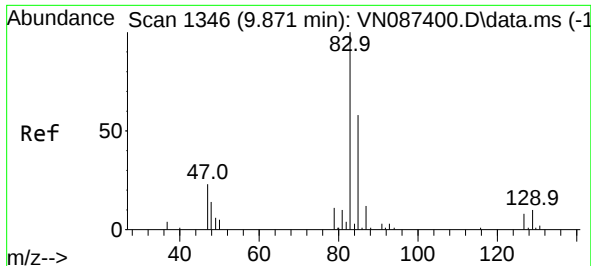
Ion Ratio Lower Upper

93 100

95 86.8 0.0 161.8

174 95.6 0.0 177.6

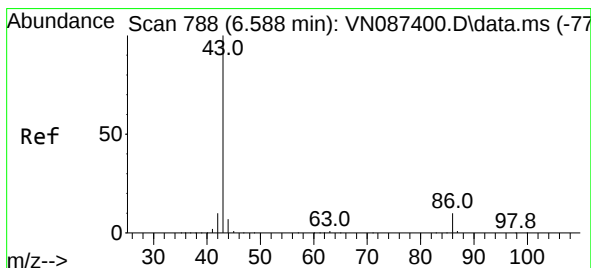
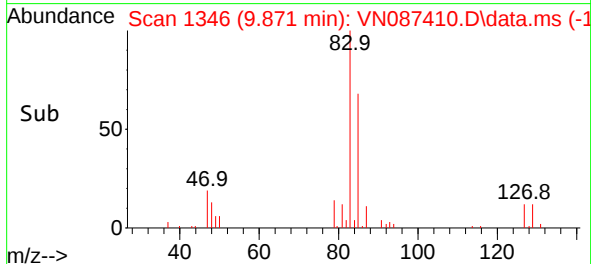
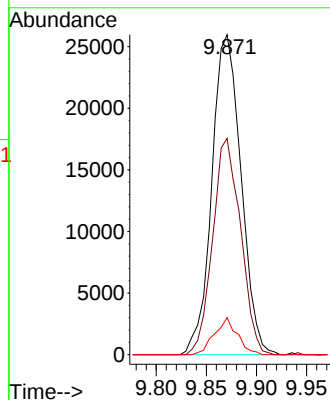
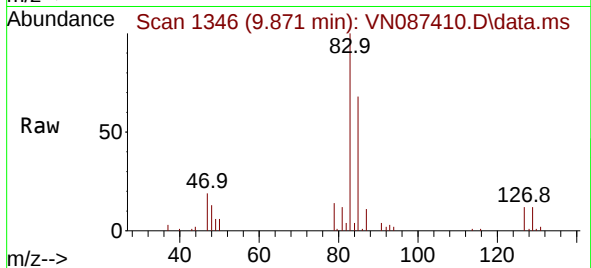




#41
Bromodichloromethane
Concen: 17.800 ug/l
RT: 9.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087410.D
Acq: 24 Jul 2025 10:27

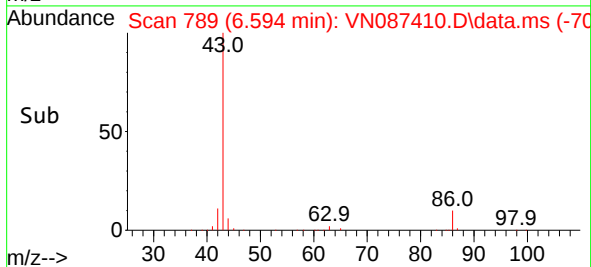
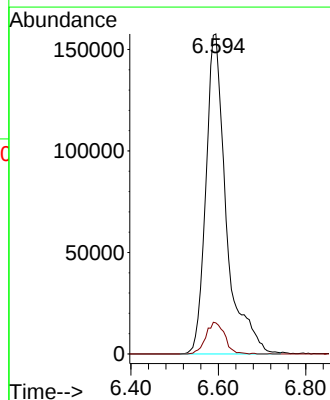
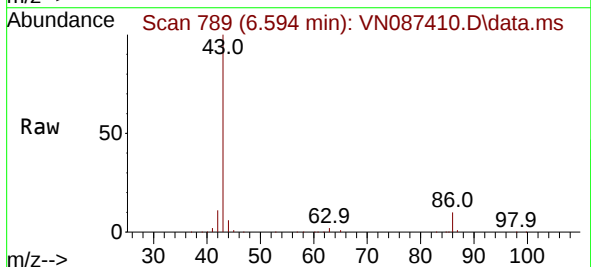
Instrument :
MSVOA_N
ClientSampleId :

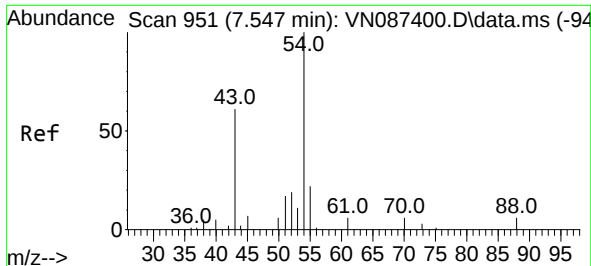
Tgt Ion: 83 Resp: 52505
Ion Ratio Lower Upper
83 100
85 67.6 46.2 69.2
127 11.6 6.1 9.1#



#42
Vinyl Acetate
Concen: 93.752 ug/l
RT: 6.594 min Scan# 789
Delta R.T. 0.006 min
Lab File: VN087410.D
Acq: 24 Jul 2025 10:27

Tgt Ion: 43 Resp: 511855
Ion Ratio Lower Upper
43 100
86 9.0 8.1 12.1

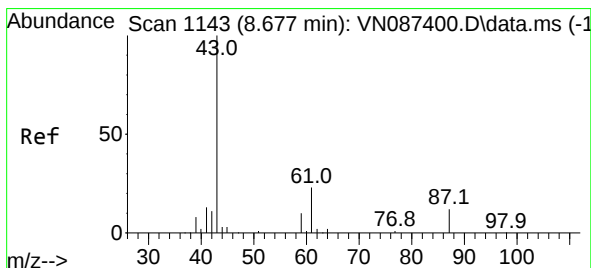
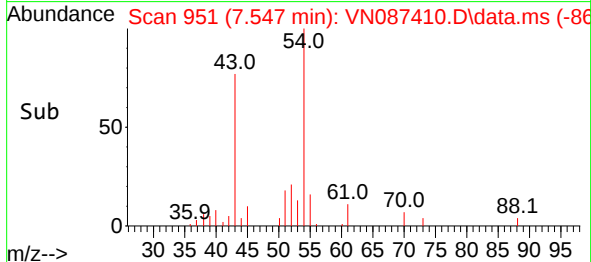
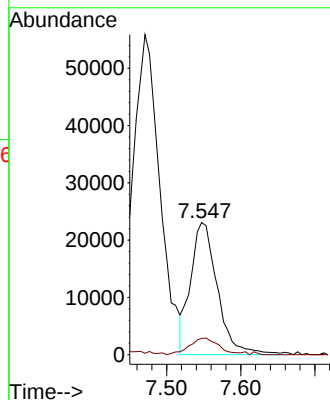
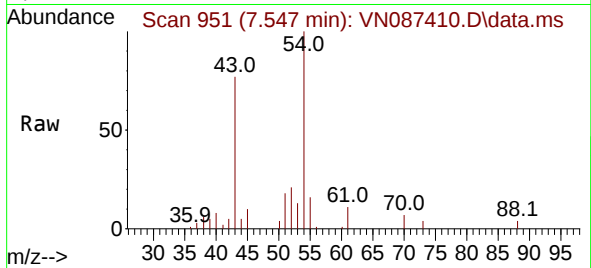




#43
Ethyl Acetate
Concen: 17.727 ug/l
RT: 7.547 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087410.D
Acq: 24 Jul 2025 10:27

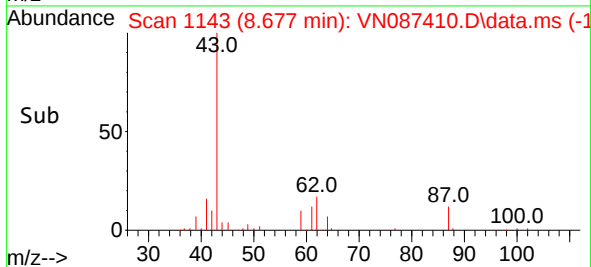
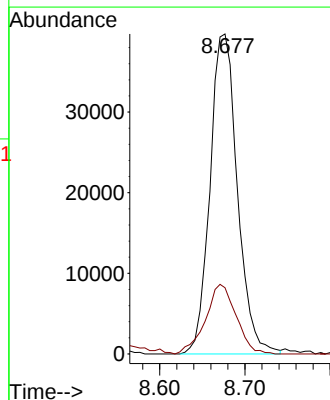
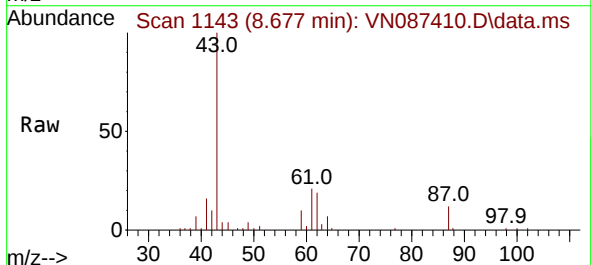
Instrument :
MSVOA_N
ClientSampleId :

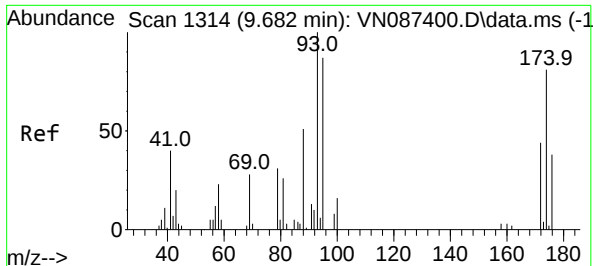
Tgt Ion: 43 Resp: 58163
Ion Ratio Lower Upper
43 100
45 13.7 5.6 8.4#



#44
Isopropyl Acetate
Concen: 17.127 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN087410.D
Acq: 24 Jul 2025 10:27

Tgt Ion: 43 Resp: 88716
Ion Ratio Lower Upper
43 100
61 24.3 20.1 30.1

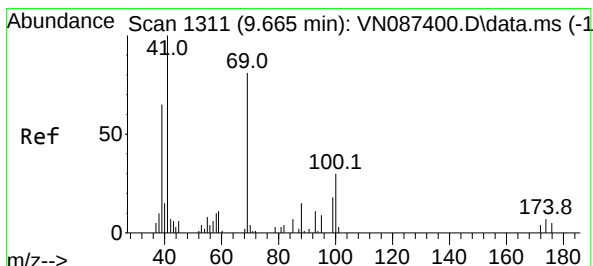
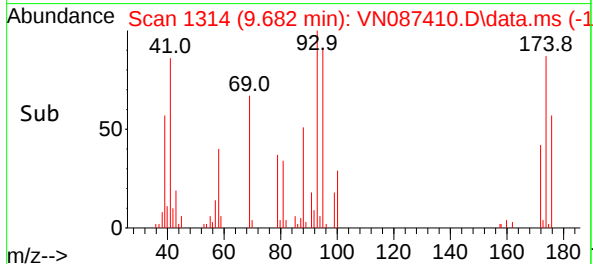
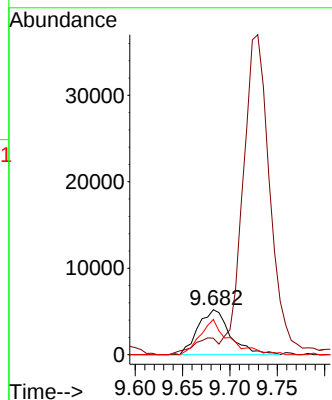
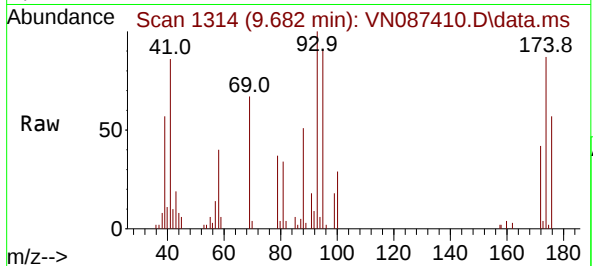




#45
1,4-Dioxane
Concen: 383.566 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN087410.D
Acq: 24 Jul 2025 10:27

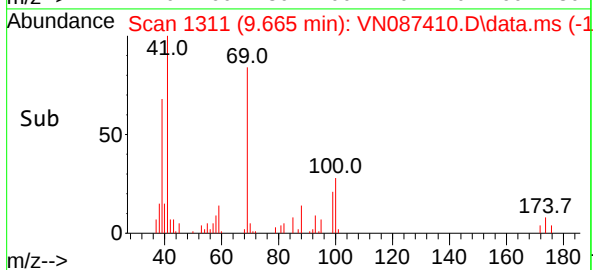
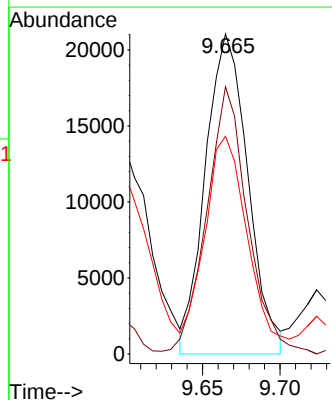
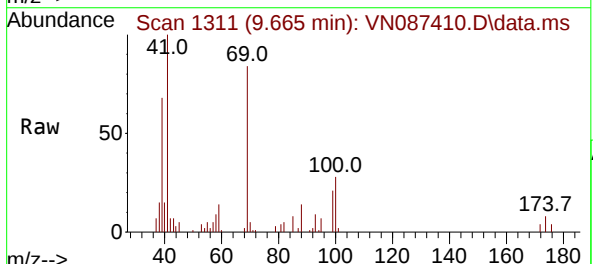
Instrument :
MSVOA_N
ClientSampleId :

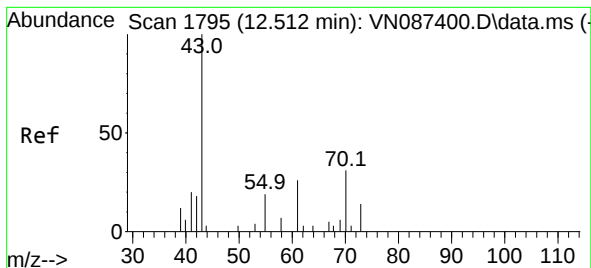
Tgt Ion: 88 Resp: 12241
Ion Ratio Lower Upper
88 100
43 29.4 29.6 44.4#
58 62.9 23.5 35.3#



#46
Methyl methacrylate
Concen: 16.797 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN087410.D
Acq: 24 Jul 2025 10:27

Tgt Ion: 41 Resp: 40067
Ion Ratio Lower Upper
41 100
69 84.9 39.5 118.5
39 67.1 31.6 94.7





#47

n-amy1 Acetate

Concen: 3.671 ug/l

RT: 12.518 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087410.D

Acq: 24 Jul 2025 10:27

Instrument :

MSVOA_N

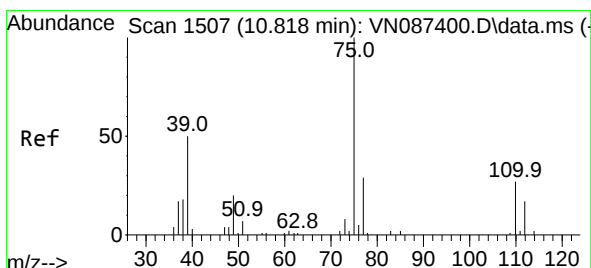
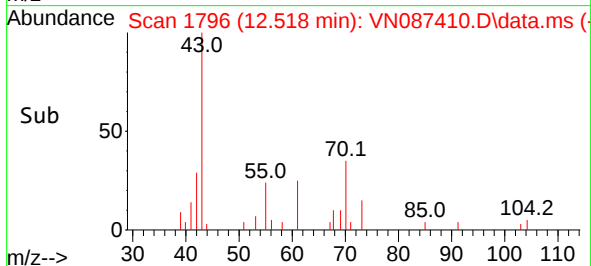
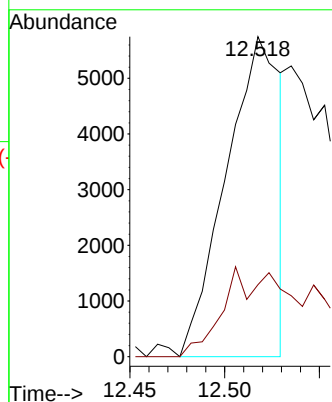
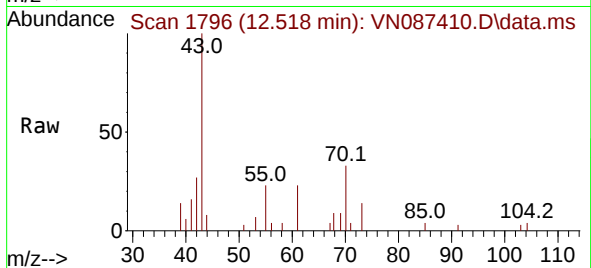
ClientSampleId :

Tgt Ion: 43 Resp: 11395

Ion Ratio Lower Upper

43 100

55 18.6 0.6 0.8#



#48

t-1,3-Dichloropropene

Concen: 17.096 ug/l

RT: 10.818 min Scan# 1507

Delta R.T. 0.000 min

Lab File: VN087410.D

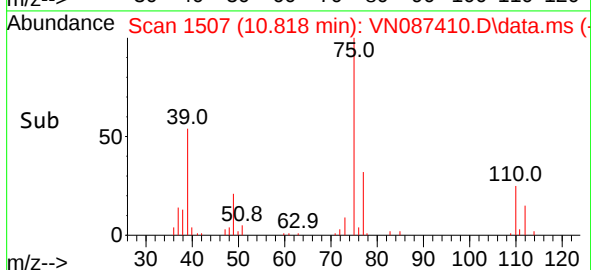
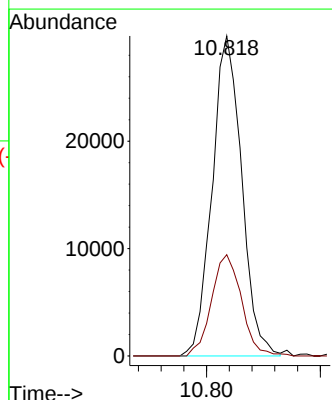
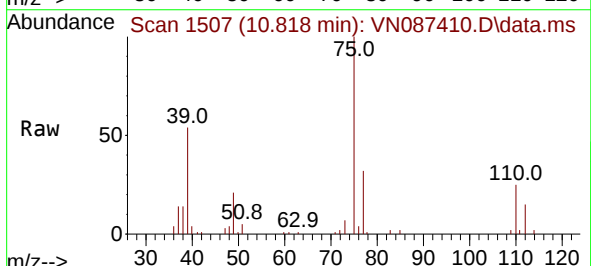
Acq: 24 Jul 2025 10:27

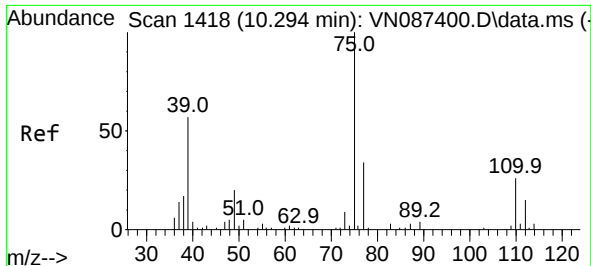
Tgt Ion: 75 Resp: 53794

Ion Ratio Lower Upper

75 100

77 31.7 23.6 35.4





#49

cis-1,3-Dichloropropene

Concen: 17.511 ug/l

RT: 10.294 min Scan# 1418

Delta R.T. 0.000 min

Lab File: VN087410.D

Acq: 24 Jul 2025 10:27

Instrument :

MSVOA_N

ClientSampleId :

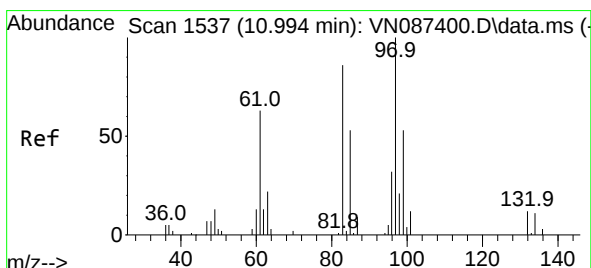
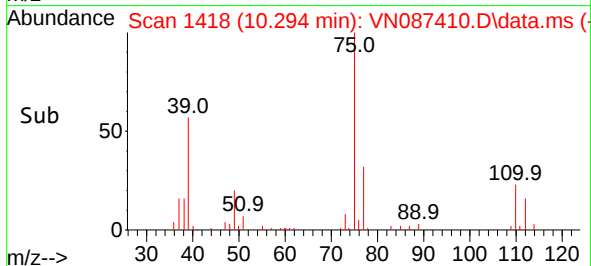
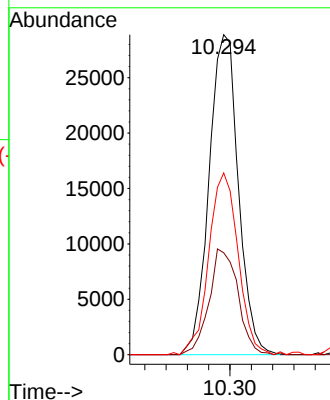
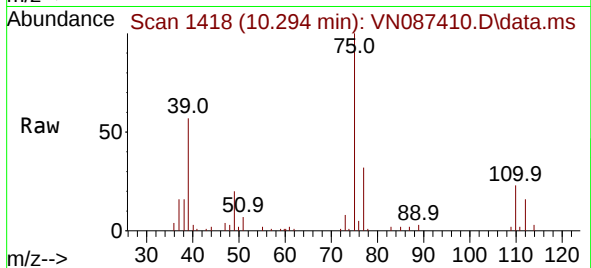
Tgt Ion: 75 Resp: 55107

Ion Ratio Lower Upper

75 100

77 31.9 27.4 41.0

39 56.8 46.3 69.5



#50

1,1,2-Trichloroethane

Concen: 18.051 ug/l

RT: 11.000 min Scan# 1538

Delta R.T. 0.006 min

Lab File: VN087410.D

Acq: 24 Jul 2025 10:27

Tgt Ion: 97 Resp: 34634

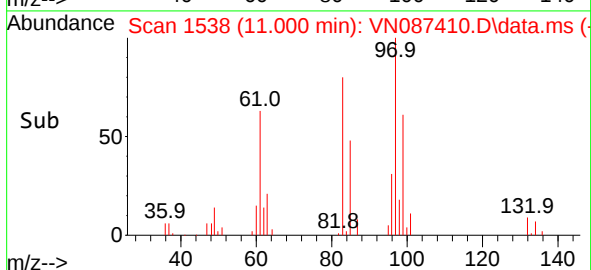
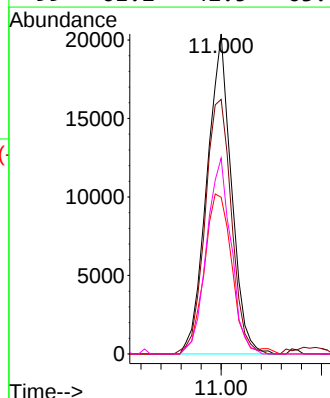
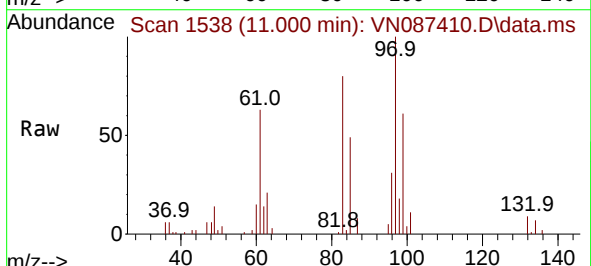
Ion Ratio Lower Upper

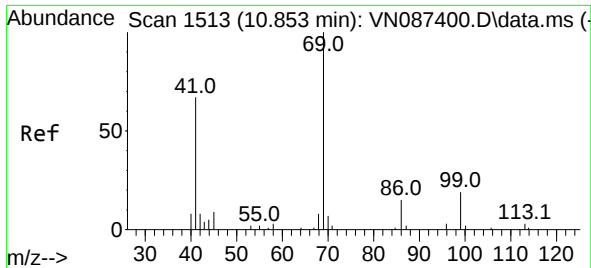
97 100

83 79.5 68.9 103.3

85 49.0 42.2 63.2

99 61.2 42.5 63.7

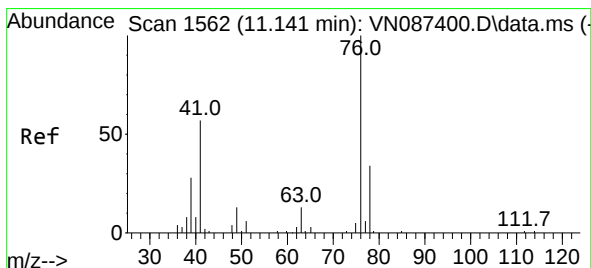
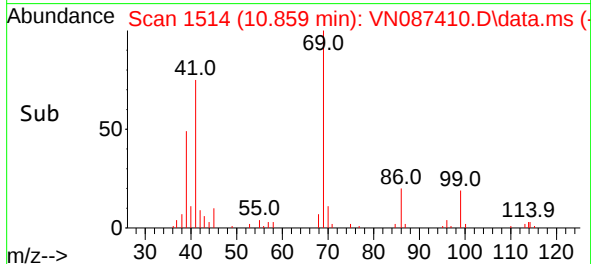
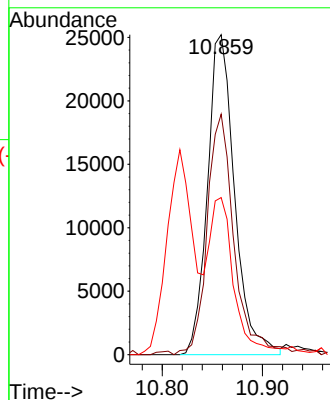
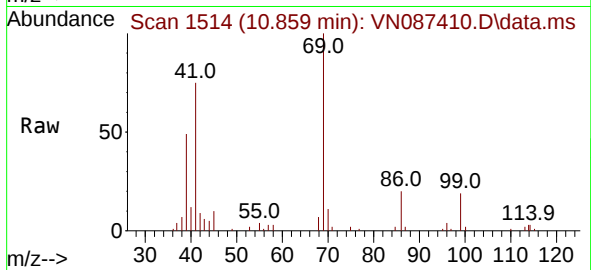




#51
Ethyl methacrylate
Concen: 16.213 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN087410.D
Acq: 24 Jul 2025 10:27

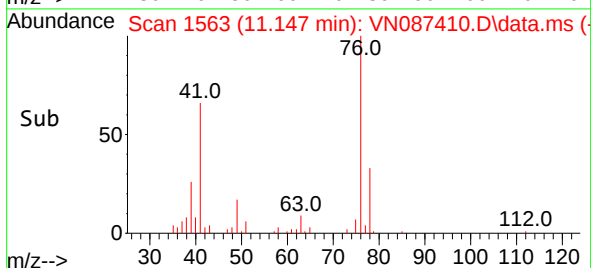
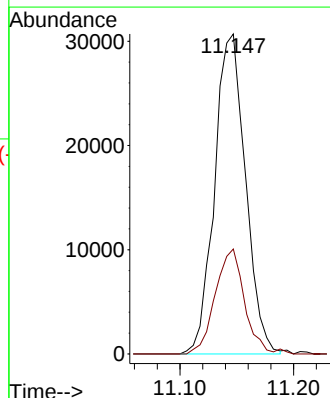
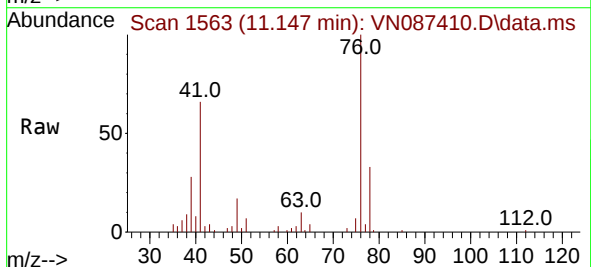
Instrument :
MSVOA_N
ClientSampleId :

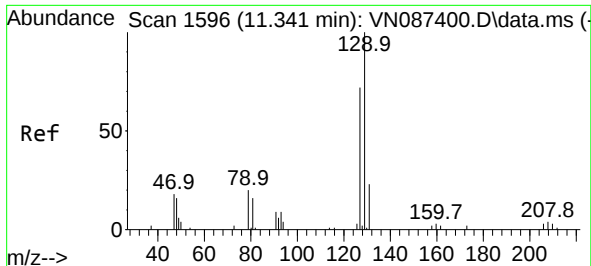
Tgt Ion: 69 Resp: 47568
Ion Ratio Lower Upper
69 100
41 73.8 33.7 101.1
39 46.4 21.6 65.0



#52
1,3-Dichloropropane
Concen: 17.588 ug/l
RT: 11.147 min Scan# 1563
Delta R.T. 0.006 min
Lab File: VN087410.D
Acq: 24 Jul 2025 10:27

Tgt Ion: 76 Resp: 58020
Ion Ratio Lower Upper
76 100
78 30.8 0.0 67.4

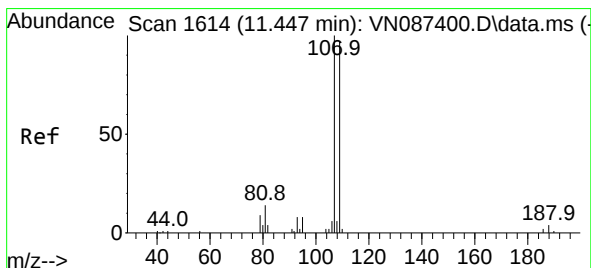
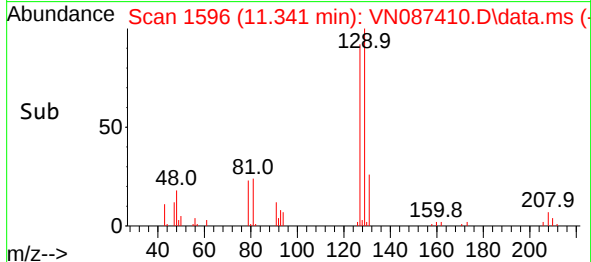
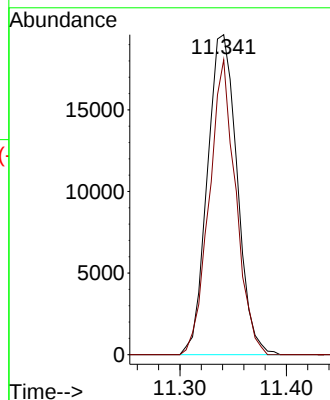
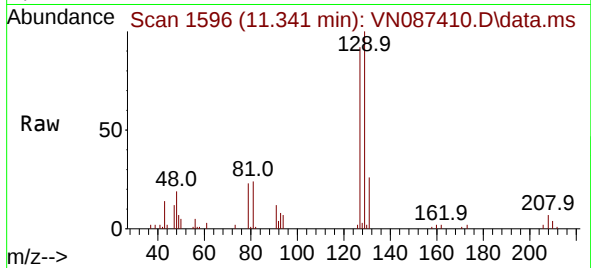




#53
Dibromochloromethane
Concen: 16.934 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VN087410.D
Acq: 24 Jul 2025 10:27

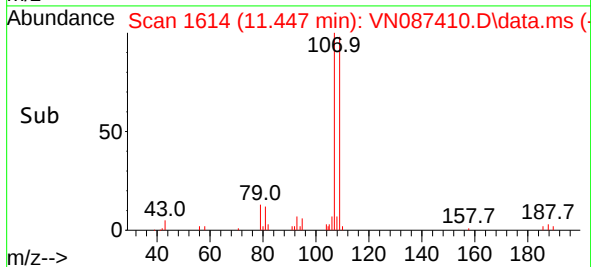
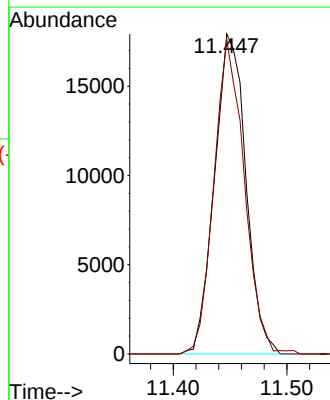
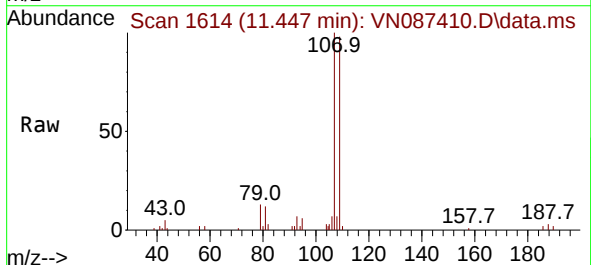
Instrument :
MSVOA_N
ClientSampleId :

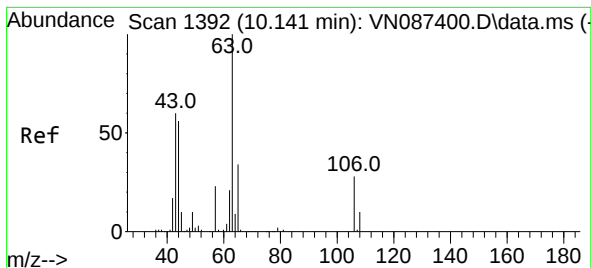
Tgt Ion:129 Resp: 38079
Ion Ratio Lower Upper
129 100
127 82.2 38.7 116.1



#54
1,2-Dibromoethane
Concen: 17.467 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN087410.D
Acq: 24 Jul 2025 10:27

Tgt Ion:107 Resp: 34351
Ion Ratio Lower Upper
107 100
109 94.7 74.6 112.0

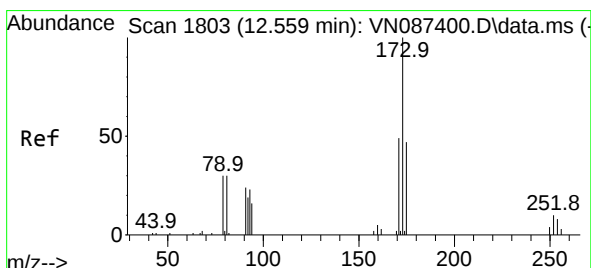
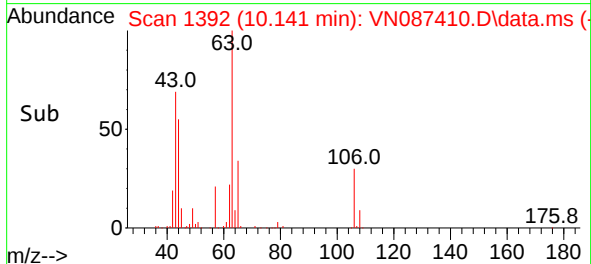
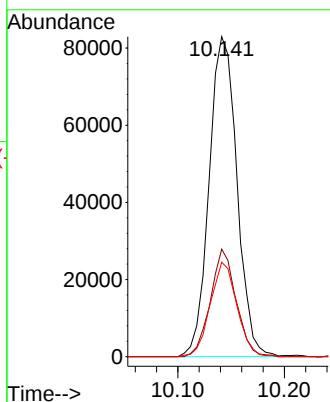
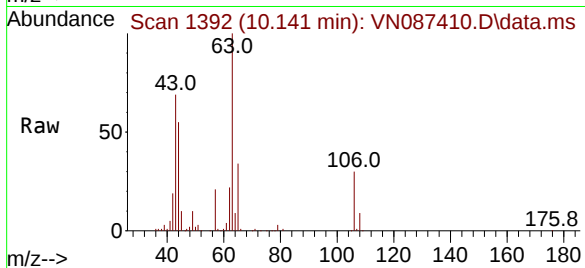




#55
2-Chloroethyl vinyl ether
Concen: 92.333 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN087410.D
Acq: 24 Jul 2025 10:27

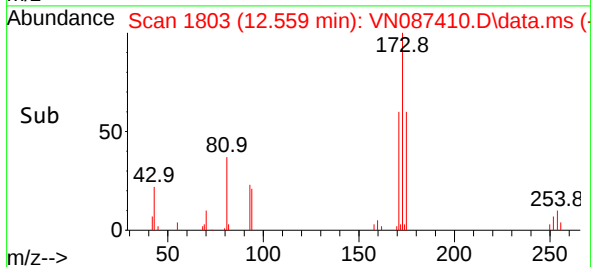
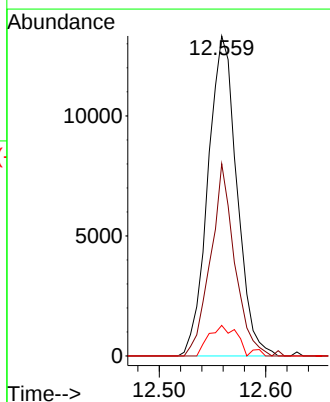
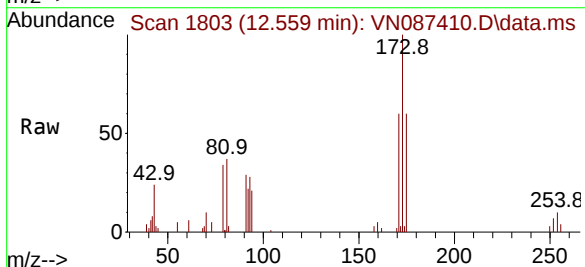
Instrument :
MSVOA_N
ClientSampleId :

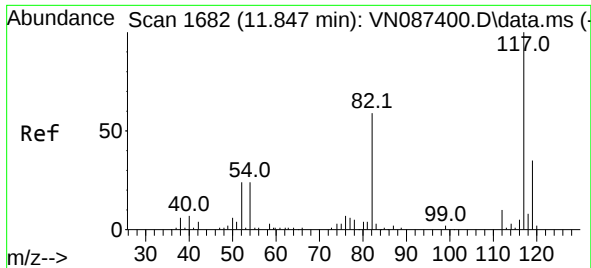
Tgt Ion: 63 Resp: 150704
Ion Ratio Lower Upper
63 100
65 30.9 25.8 38.8
106 28.2 23.0 34.4



#56
Bromoform
Concen: 15.713 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN087410.D
Acq: 24 Jul 2025 10:27

Tgt Ion: 173 Resp: 25131
Ion Ratio Lower Upper
173 100
175 50.1 38.4 57.6
254 9.0 6.7 10.1





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.847 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN087410.D

Acq: 24 Jul 2025 10:27

Instrument :

MSVOA_N

ClientSampleId :

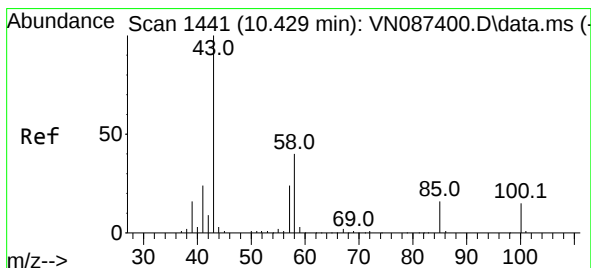
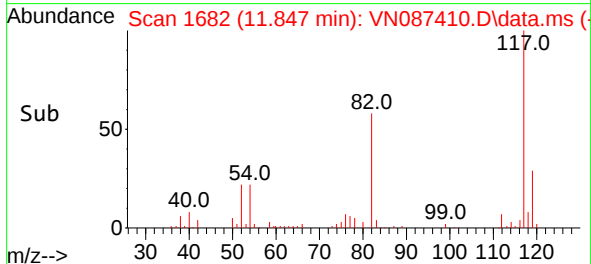
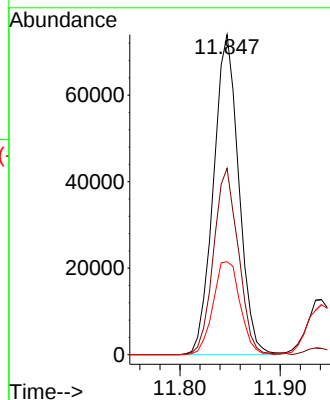
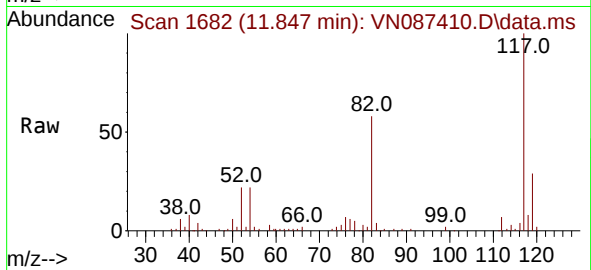
Tgt Ion:117 Resp: 129812

Ion Ratio Lower Upper

117 100

82 57.0 44.1 66.1

119 31.0 25.4 38.2



#58

4-Methyl-2-Pentanone

Concen: 91.748 ug/l

RT: 10.429 min Scan# 1441

Delta R.T. 0.000 min

Lab File: VN087410.D

Acq: 24 Jul 2025 10:27

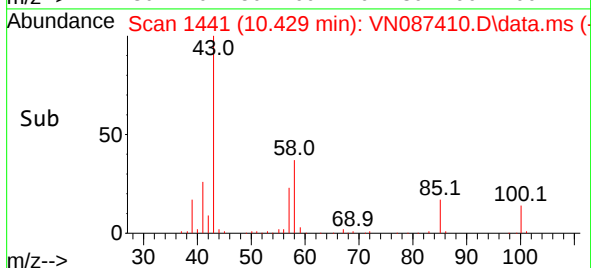
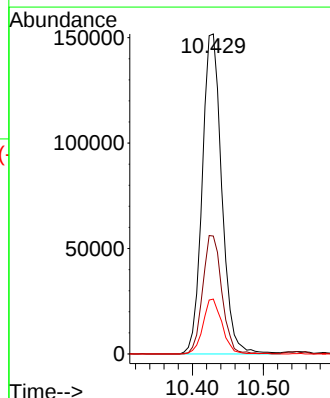
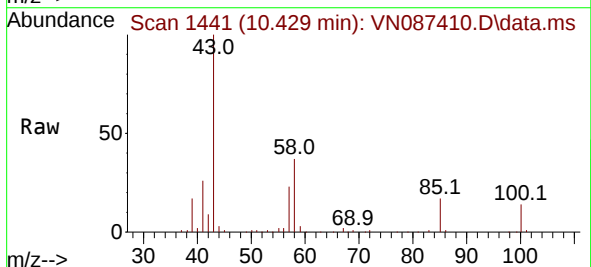
Tgt Ion: 43 Resp: 291230

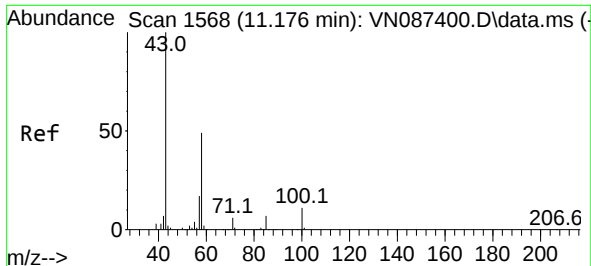
Ion Ratio Lower Upper

43 100

58 36.3 29.5 44.3

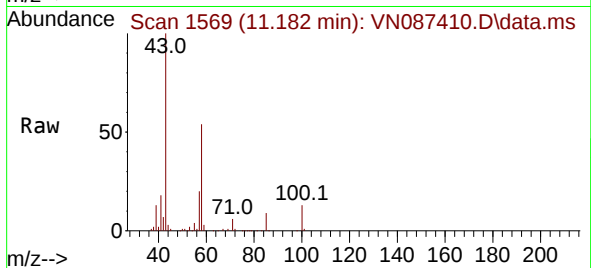
85 16.6 13.3 19.9



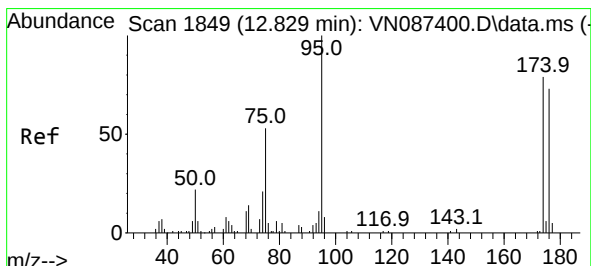
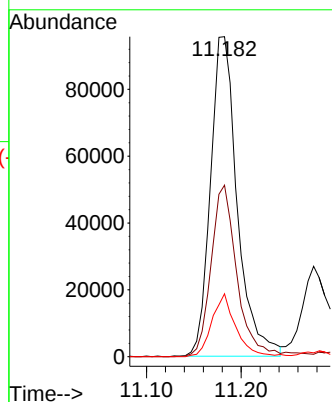
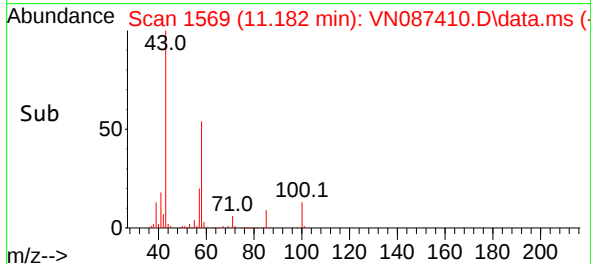


#59
2-Hexanone
Concen: 87.662 ug/l
RT: 11.182 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087410.D
Acq: 24 Jul 2025 10:27

Instrument :
MSVOA_N
ClientSampleId :

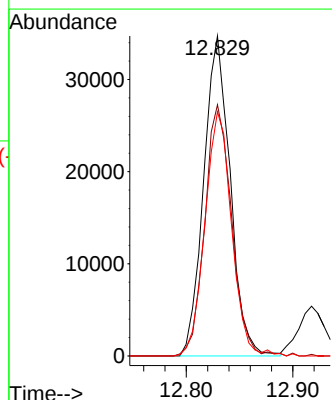
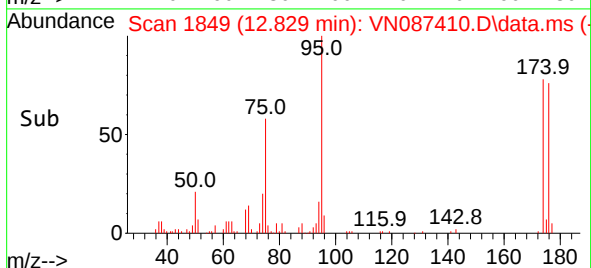
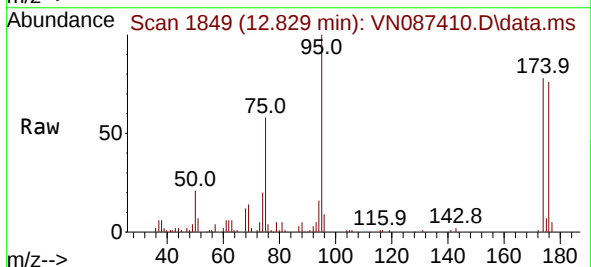


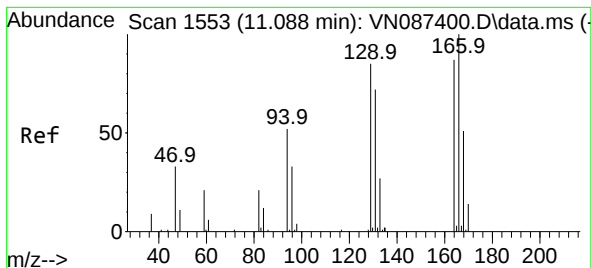
Tgt Ion: 43 Resp: 187818
Ion Ratio Lower Upper
43 100
58 51.4 40.5 60.7
57 17.5 14.0 21.0



#60
4-Bromofluorobenzene
Concen: 27.653 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087410.D
Acq: 24 Jul 2025 10:27

Tgt Ion: 95 Resp: 59888
Ion Ratio Lower Upper
95 100
174 79.0 62.1 93.1
176 76.1 57.9 86.9





#61

Tetrachloroethene

Concen: 18.434 ug/l

RT: 11.088 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN087410.D

Acq: 24 Jul 2025 10:27

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:164 Resp: 26723

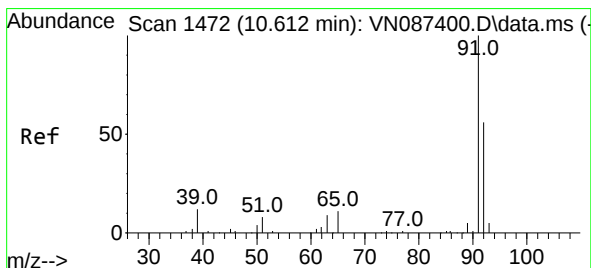
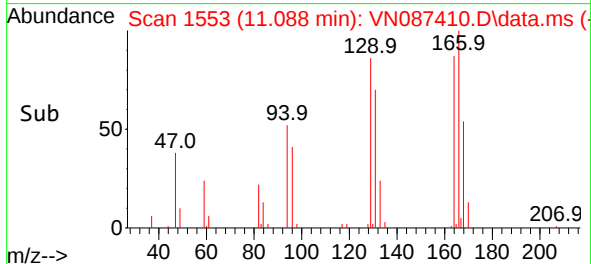
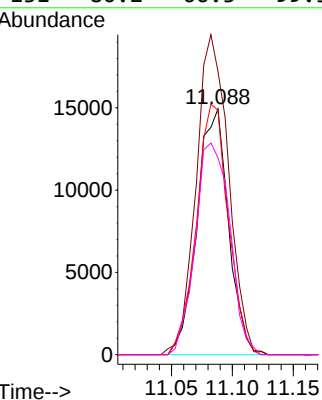
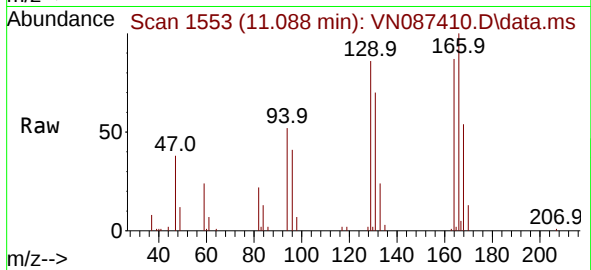
Ion Ratio Lower Upper

164 100

166 115.3 91.7 137.5

129 99.5 77.8 116.6

131 80.2 66.3 99.5



#62

Toluene

Concen: 17.776 ug/l

RT: 10.612 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VN087410.D

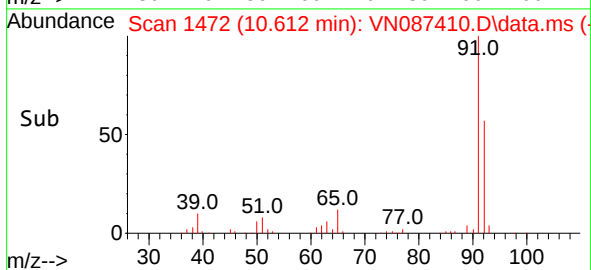
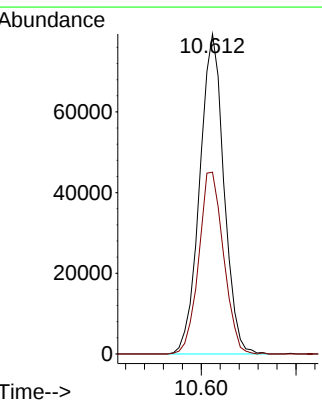
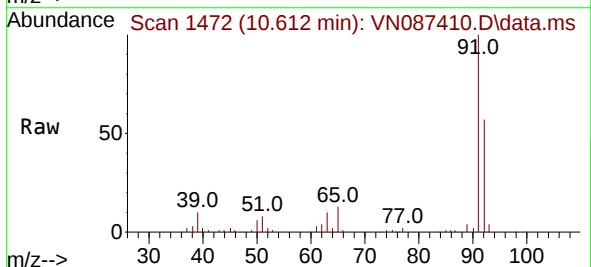
Acq: 24 Jul 2025 10:27

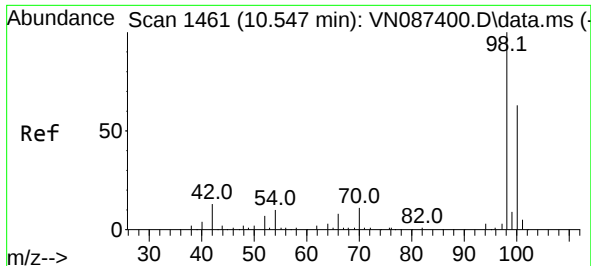
Tgt Ion: 91 Resp: 140531

Ion Ratio Lower Upper

91 100

92 58.2 47.4 71.0

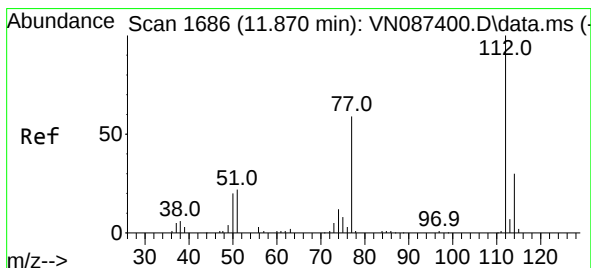
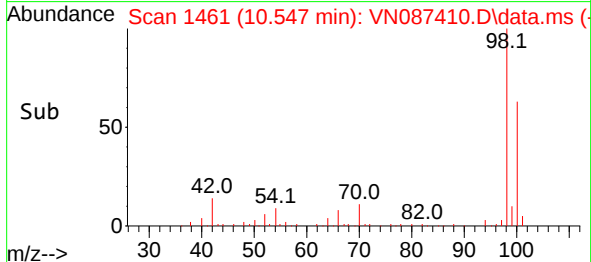
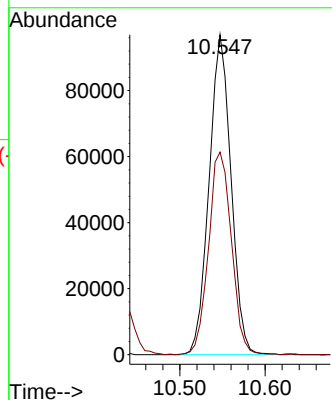
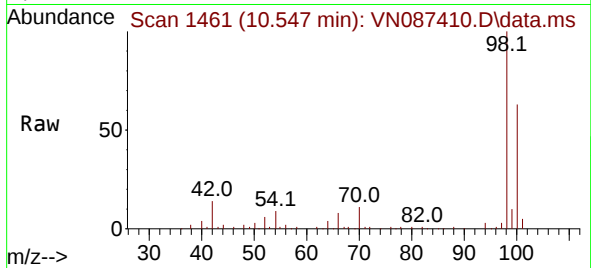




#63
Toluene-d8
Concen: 29.363 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087410.D
Acq: 24 Jul 2025 10:27

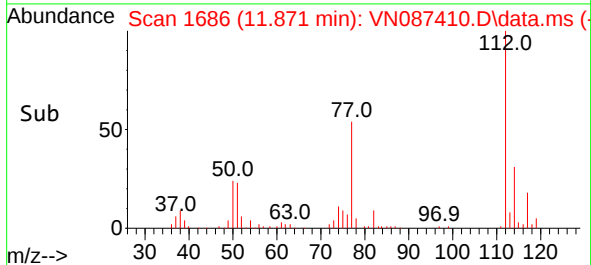
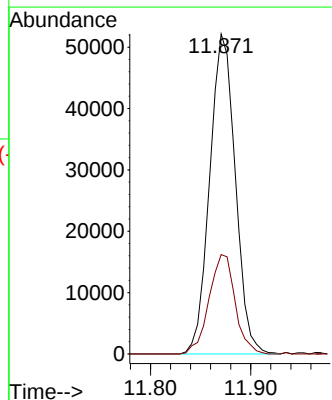
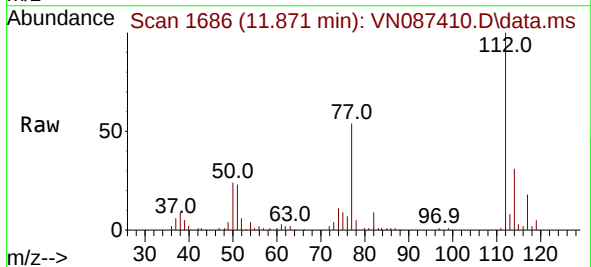
Instrument :
MSVOA_N
ClientSampleId :

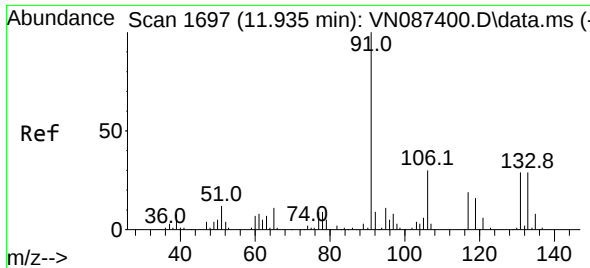
Tgt Ion: 98 Resp: 173346
Ion Ratio Lower Upper
98 100
100 66.0 51.1 76.7



#64
Chlorobenzene
Concen: 18.301 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087410.D
Acq: 24 Jul 2025 10:27

Tgt Ion:112 Resp: 92499
Ion Ratio Lower Upper
112 100
114 31.1 24.0 36.0

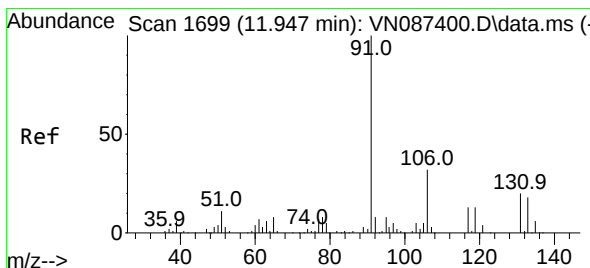
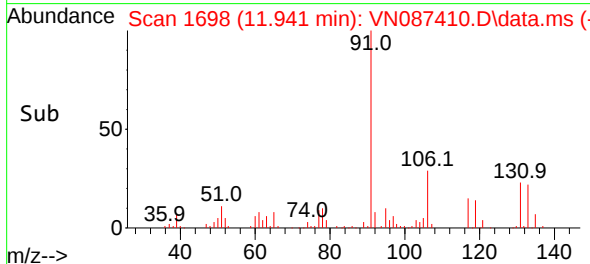
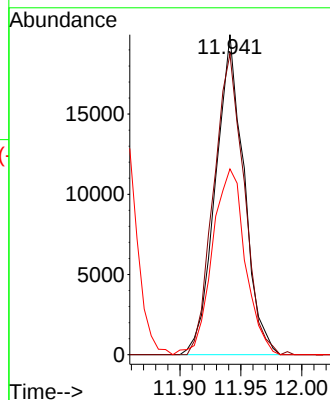
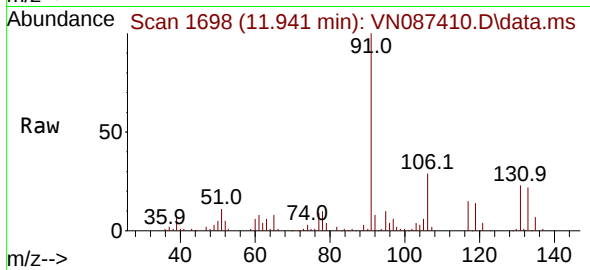




#65
1,1,1,2-Tetrachloroethane
Concen: 17.557 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VN087410.D
Acq: 24 Jul 2025 10:27

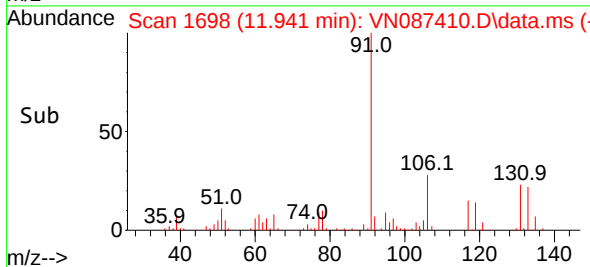
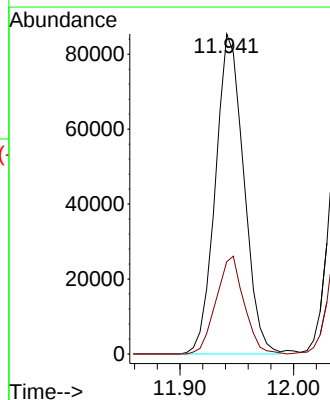
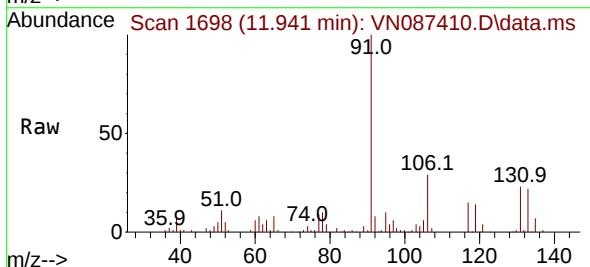
Instrument :
MSVOA_N
ClientSampleId :

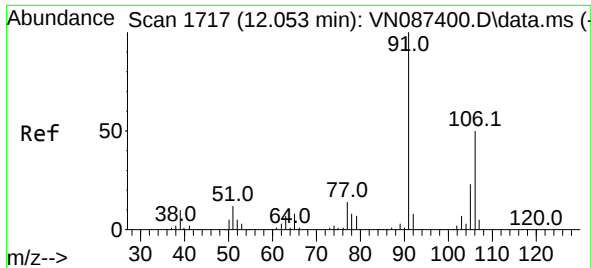
Tgt Ion:131 Resp: 32429
Ion Ratio Lower Upper
131 100
133 100.2 0.0 193.0
119 67.0 0.0 128.2



#66
Ethyl Benzene
Concen: 17.323 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.006 min
Lab File: VN087410.D
Acq: 24 Jul 2025 10:27

Tgt Ion: 91 Resp: 148266
Ion Ratio Lower Upper
91 100
106 28.9 25.8 38.6

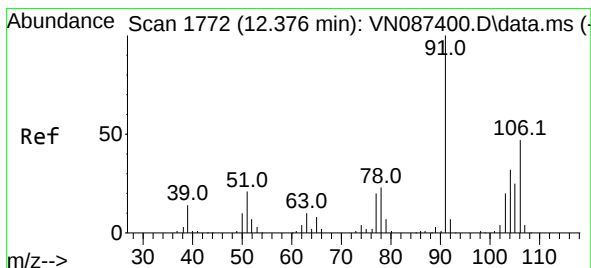
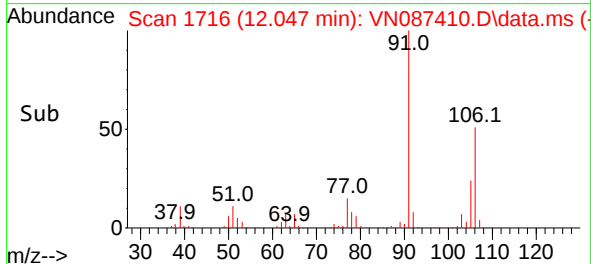
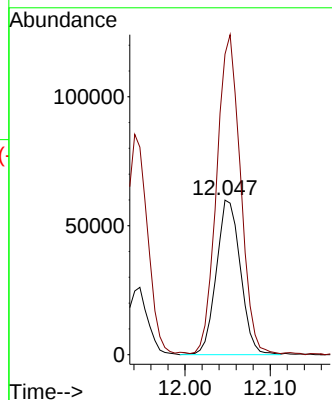
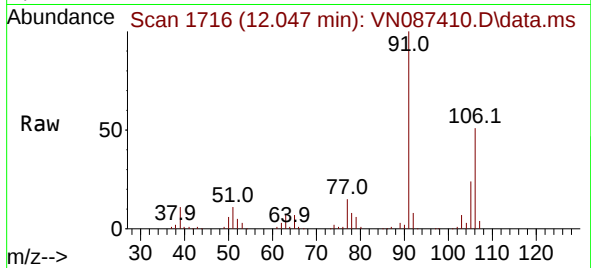




#67
m/p-Xylenes
Concen: 34.755 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VN087410.D
Acq: 24 Jul 2025 10:27

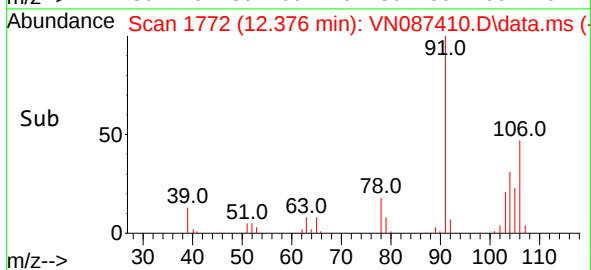
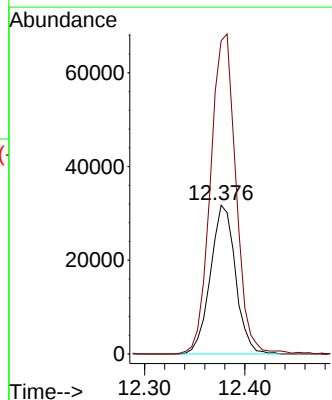
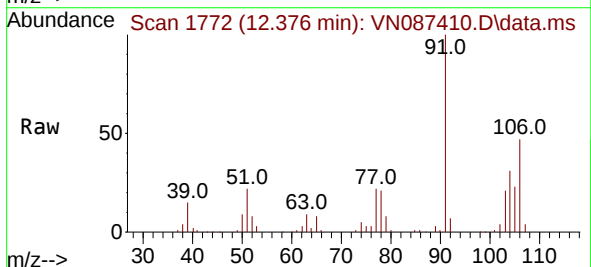
Instrument :
MSVOA_N
ClientSampleId :

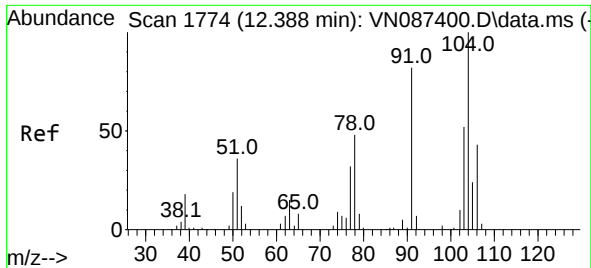
Tgt Ion:106 Resp: 117721
Ion Ratio Lower Upper
106 100
91 205.0 163.4 245.2



#68
o-Xylene
Concen: 16.997 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087410.D
Acq: 24 Jul 2025 10:27

Tgt Ion:106 Resp: 55224
Ion Ratio Lower Upper
106 100
91 217.1 106.6 319.8

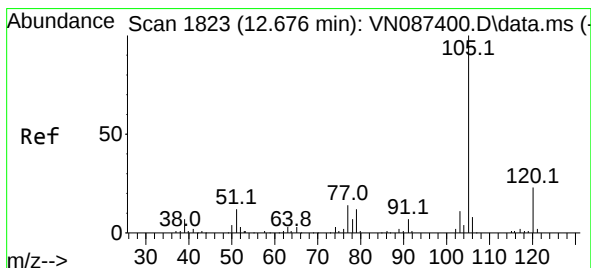
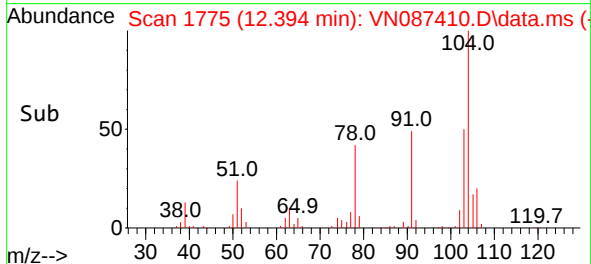
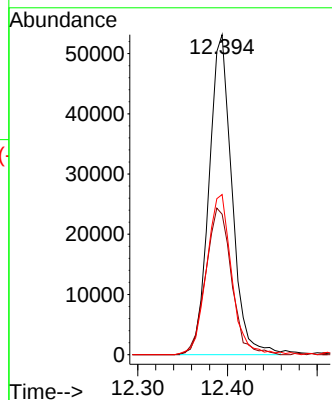
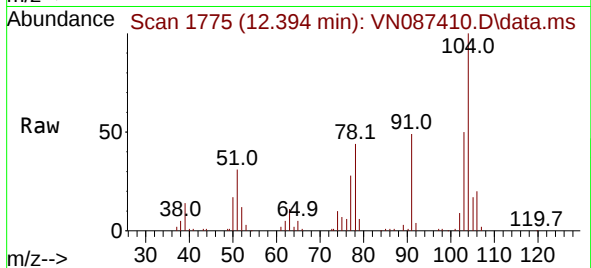




#69
Styrene
Concen: 16.693 ug/l
RT: 12.394 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087410.D
Acq: 24 Jul 2025 10:27

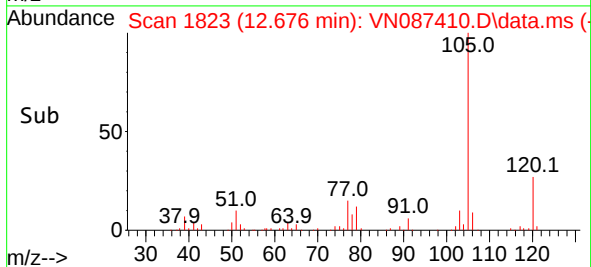
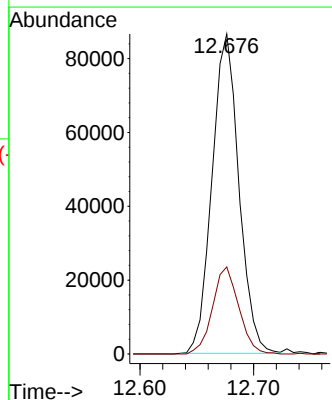
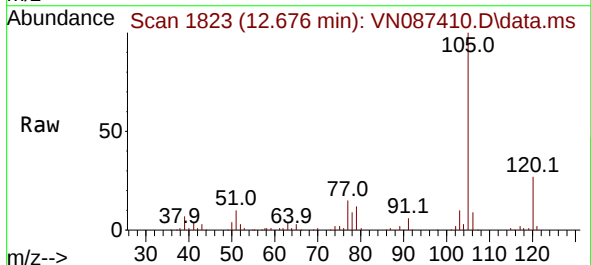
Instrument :
MSVOA_N
ClientSampleId :

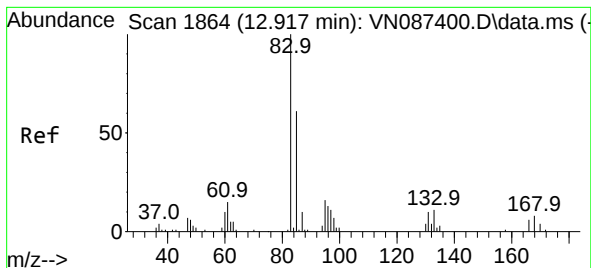
Tgt Ion:104 Resp: 94364
Ion Ratio Lower Upper
104 100
78 51.2 40.7 61.1
103 54.7 43.4 65.2



#70
Isopropylbenzene
Concen: 17.382 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. 0.000 min
Lab File: VN087410.D
Acq: 24 Jul 2025 10:27

Tgt Ion:105 Resp: 142236
Ion Ratio Lower Upper
105 100
120 26.6 17.6 32.6

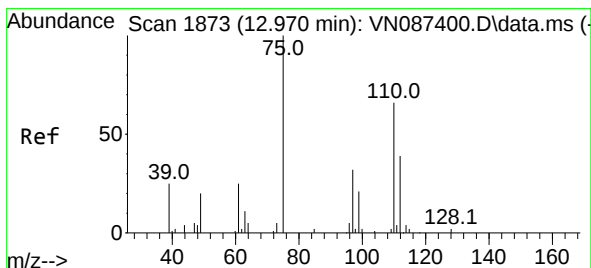
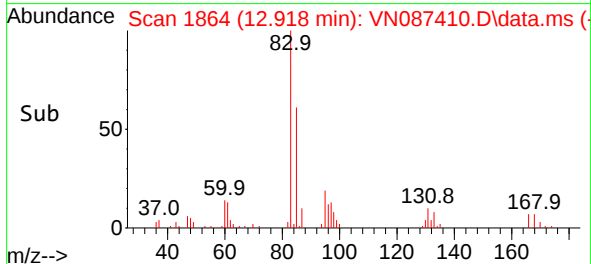
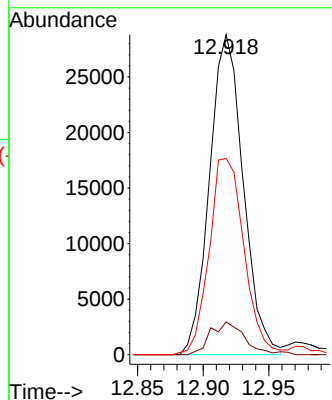
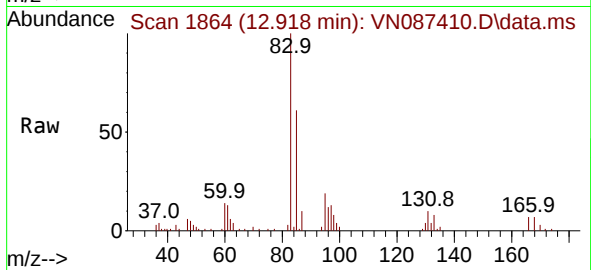




#71
1,1,2,2-Tetrachloroethane
Concen: 17.882 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN087410.D
Acq: 24 Jul 2025 10:27

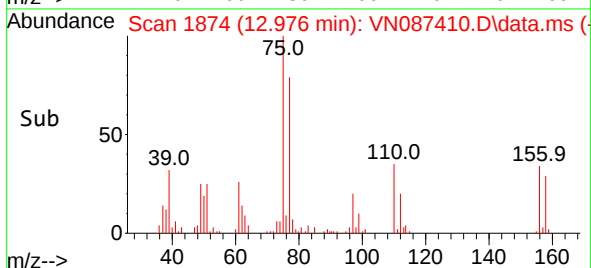
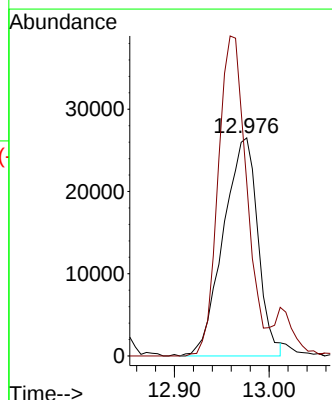
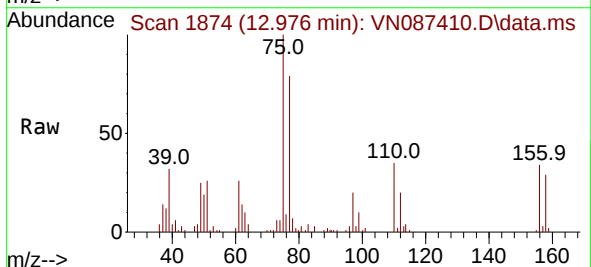
Instrument :
MSVOA_N
ClientSampleId :

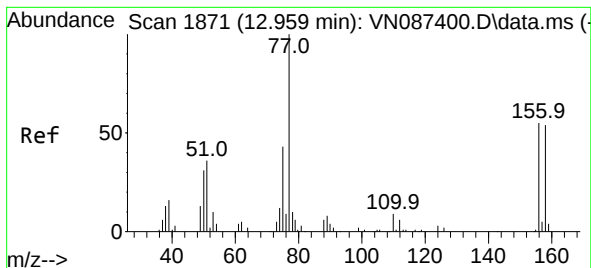
Tgt Ion: 83 Resp: 51475
Ion Ratio Lower Upper
83 100
131 10.2 4.6 13.8
85 63.3 30.6 91.6



#72
1,2,3-Trichloropropane
Concen: 26.110 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.006 min
Lab File: VN087410.D
Acq: 24 Jul 2025 10:27

Tgt Ion: 75 Resp: 67147
Ion Ratio Lower Upper
75 100
77 119.9 0.0 361.2





#73

Bromobenzene

Concen: 17.772 ug/l

RT: 12.965 min Scan# 1872

Delta R.T. 0.006 min

Lab File: VN087410.D

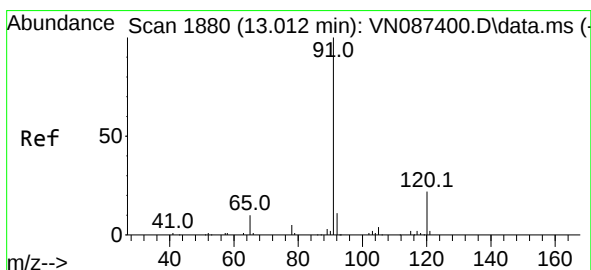
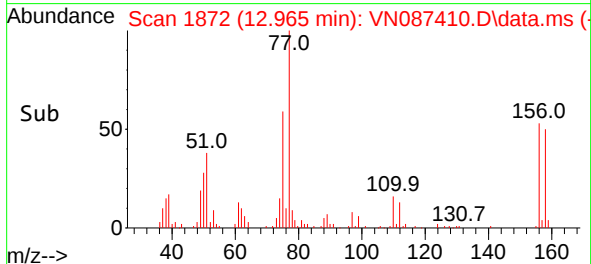
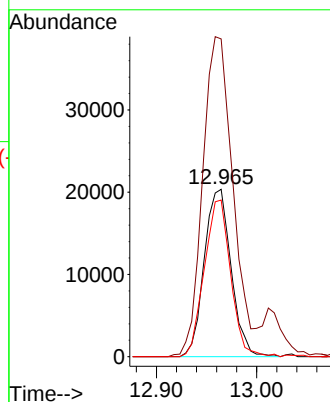
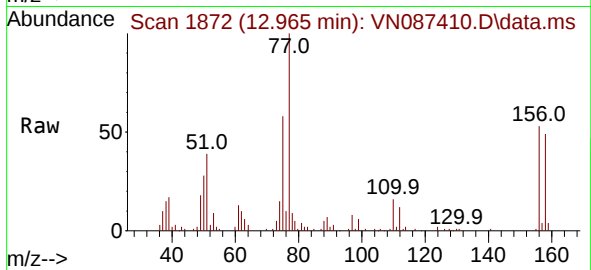
Acq: 24 Jul 2025 10:27

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	156	Resp:	37852
Ion Ratio	Lower	Upper	
156	100		
77	212.7	0.0	440.6
158	91.4	0.0	195.0



#74

n-propylbenzene

Concen: 17.356 ug/l

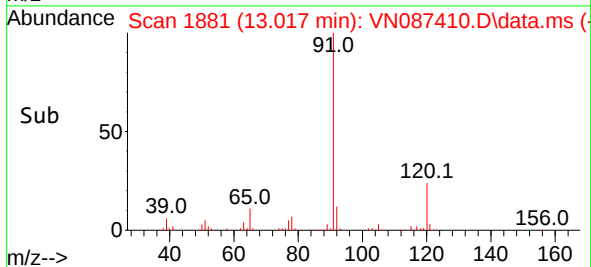
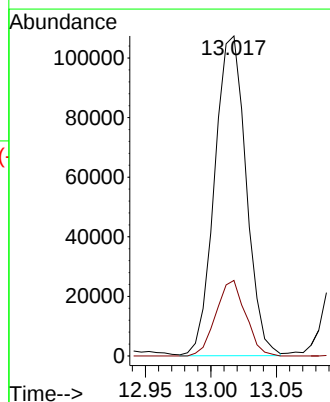
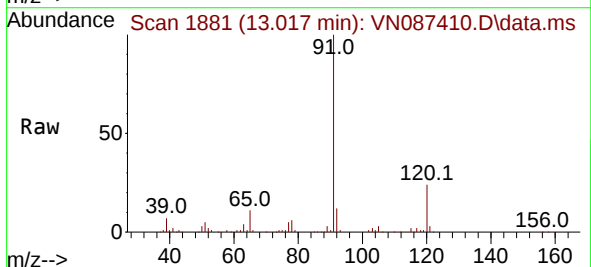
RT: 13.017 min Scan# 1881

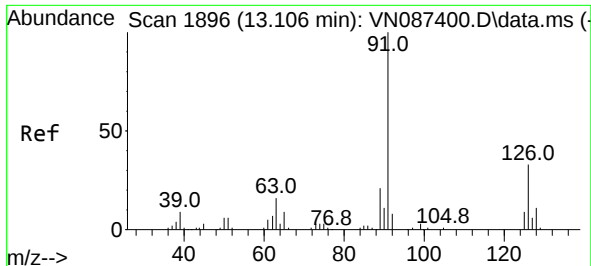
Delta R.T. 0.006 min

Lab File: VN087410.D

Acq: 24 Jul 2025 10:27

Tgt Ion:	91	Resp:	179349
Ion Ratio	Lower	Upper	
91	100		
120	22.2	0.0	44.6

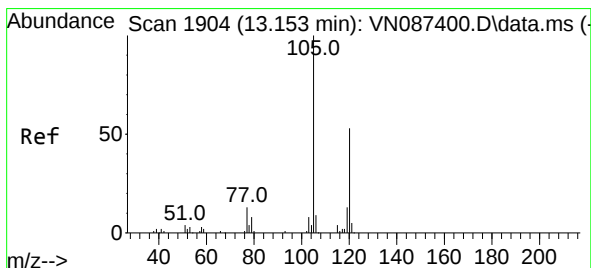
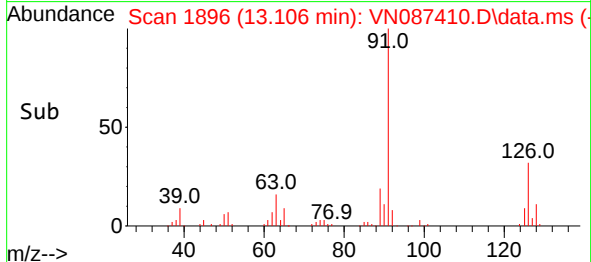
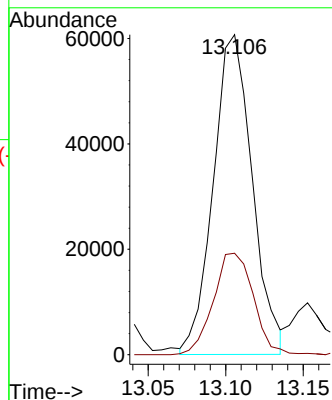
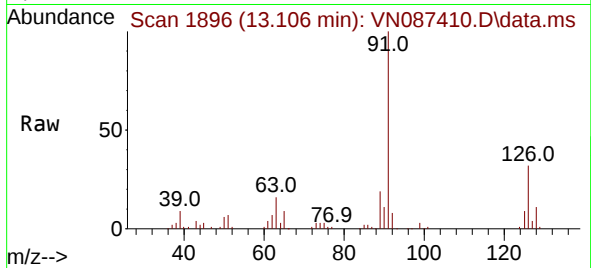




#75
2-Chlorotoluene
Concen: 17.093 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN087410.D
Acq: 24 Jul 2025 10:27

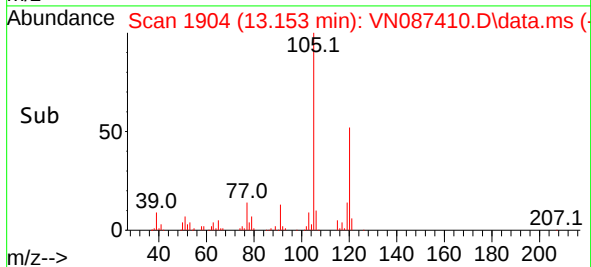
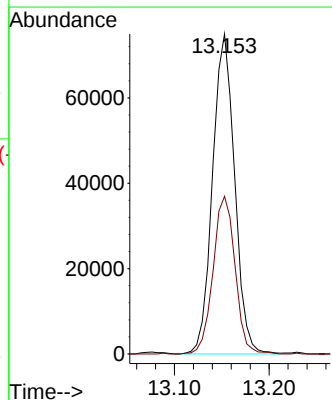
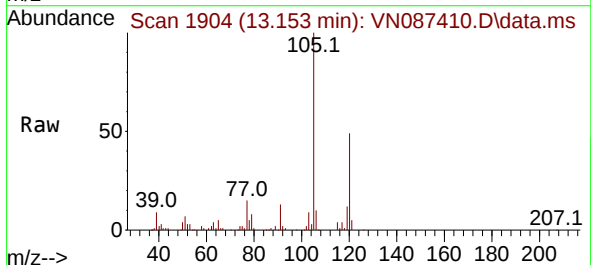
Instrument :
MSVOA_N
ClientSampleId :

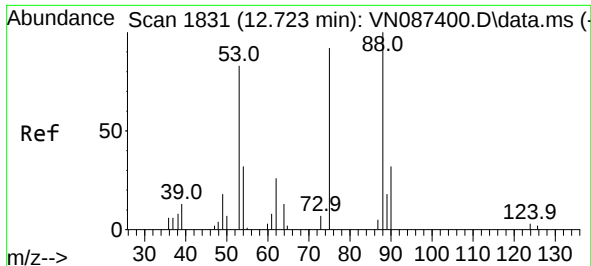
Tgt Ion: 91 Resp: 106090
Ion Ratio Lower Upper
91 100
126 32.5 0.0 65.4



#76
1,3,5-Trimethylbenzene
Concen: 17.078 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087410.D
Acq: 24 Jul 2025 10:27

Tgt Ion:105 Resp: 121557
Ion Ratio Lower Upper
105 100
120 48.9 0.0 97.4

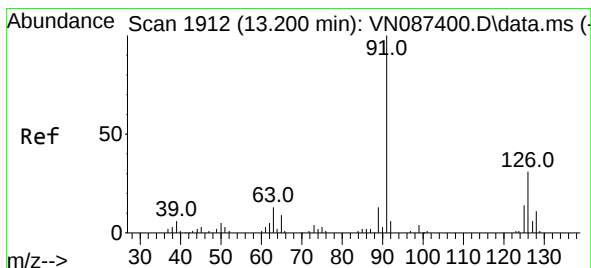
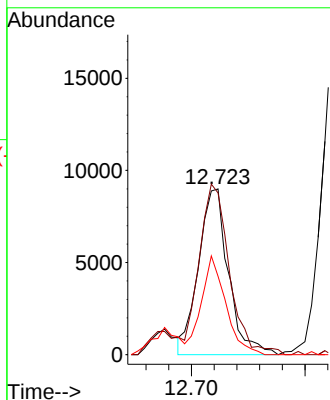
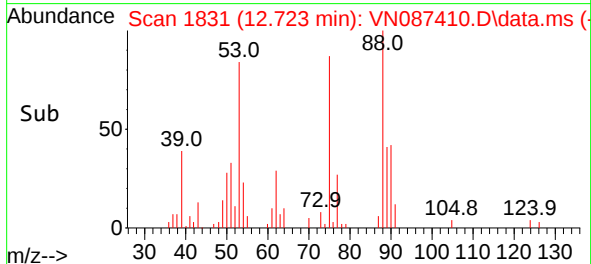
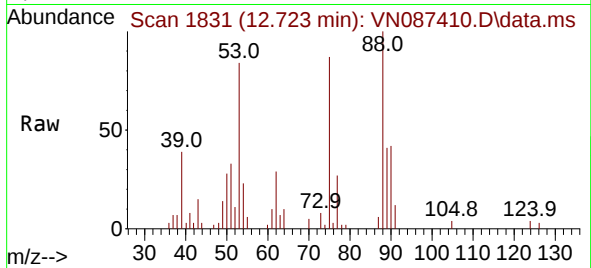




#77
t-1,4-Dichloro-2-butene
Concen: 16.027 ug/l
RT: 12.723 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN087410.D
Acq: 24 Jul 2025 10:27

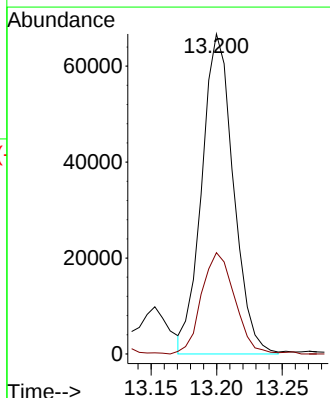
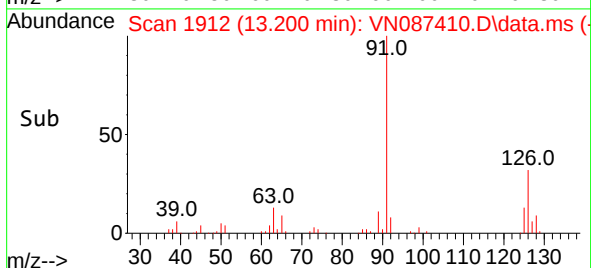
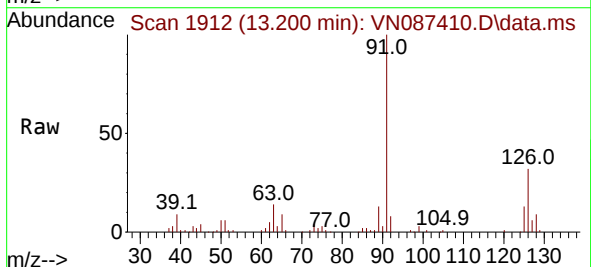
Instrument :
MSVOA_N
ClientSampleId :

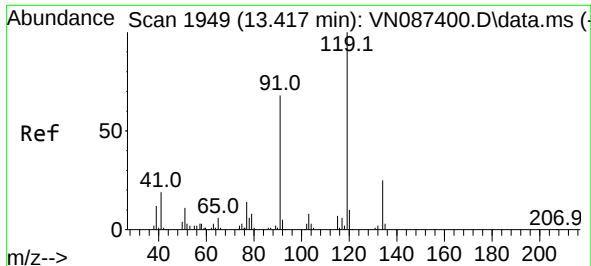
Tgt Ion: 75 Resp: 16472
Ion Ratio Lower Upper
75 100
53 94.5 44.0 131.8
89 47.3 17.0 50.9



#78
4-Chlorotoluene
Concen: 16.911 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087410.D
Acq: 24 Jul 2025 10:27

Tgt Ion: 91 Resp: 111940
Ion Ratio Lower Upper
91 100
126 33.2 0.0 66.6

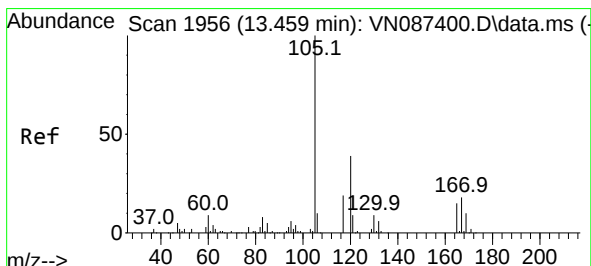
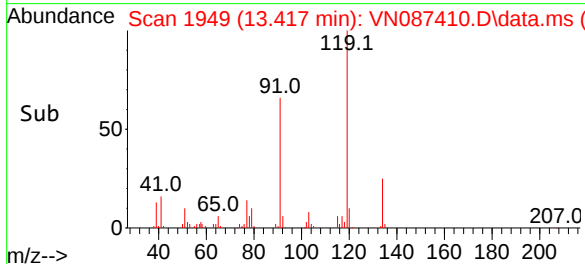
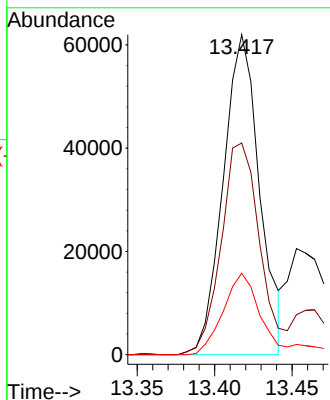
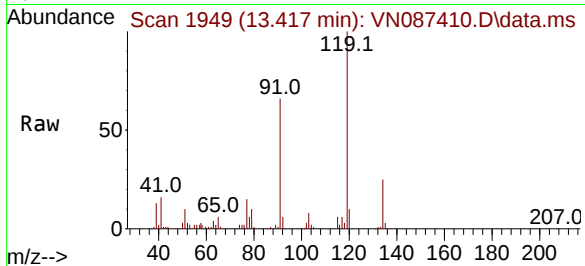




#79
tert-butylbenzene
Concen: 16.786 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN087410.D
Acq: 24 Jul 2025 10:27

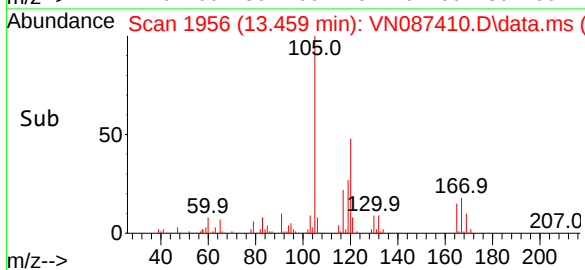
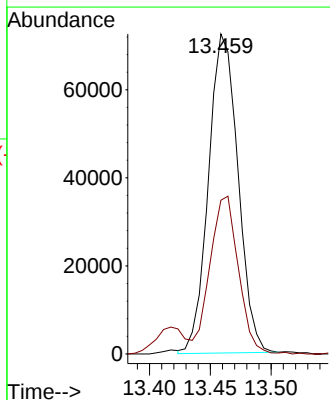
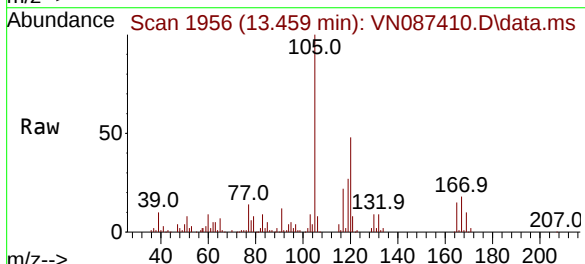
Instrument :
MSVOA_N
ClientSampleId :

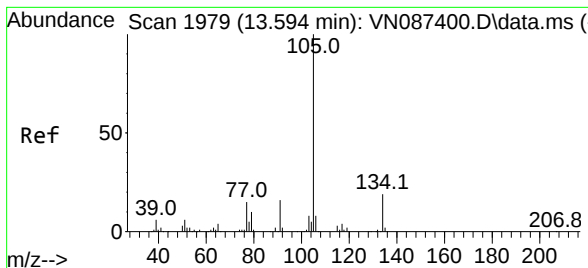
Tgt Ion:119 Resp: 101470
Ion Ratio Lower Upper
119 100
91 70.3 0.0 134.8
134 25.4 0.0 52.0



#80
1,2,4-Trimethylbenzene
Concen: 16.821 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN087410.D
Acq: 24 Jul 2025 10:27

Tgt Ion:105 Resp: 122221
Ion Ratio Lower Upper
105 100
120 47.4 0.0 93.6

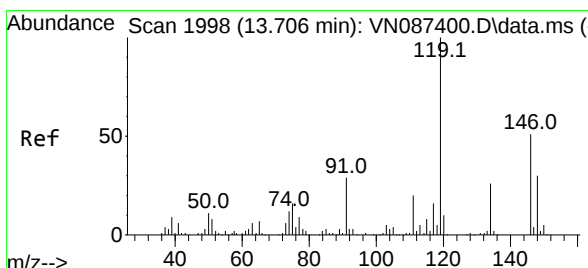
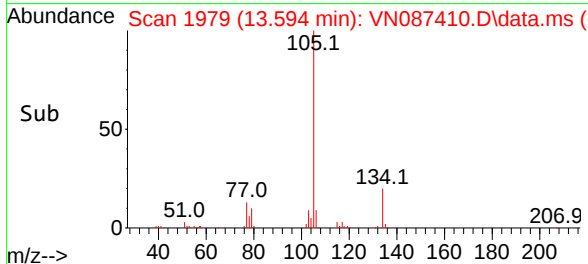
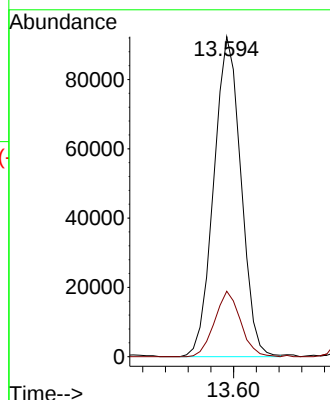
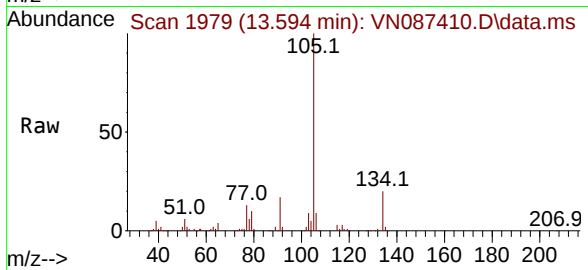




#81
 sec-Butylbenzene
 Concen: 17.611 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087410.D
 Acq: 24 Jul 2025 10:27

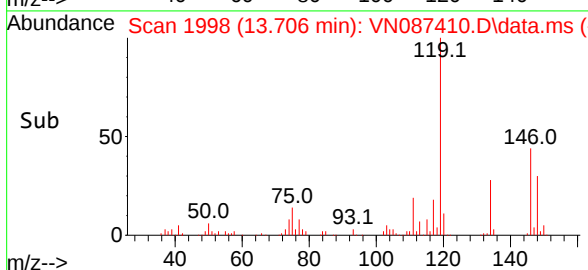
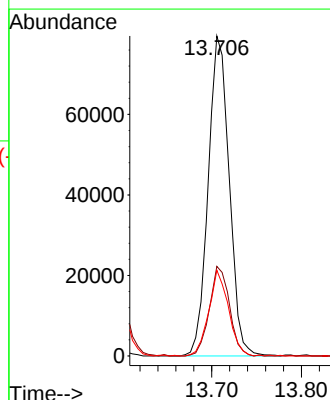
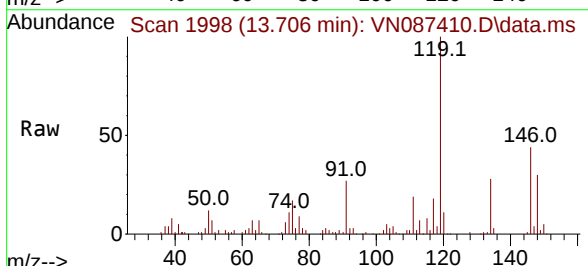
Instrument :
 MSVOA_N
 ClientSampleId :

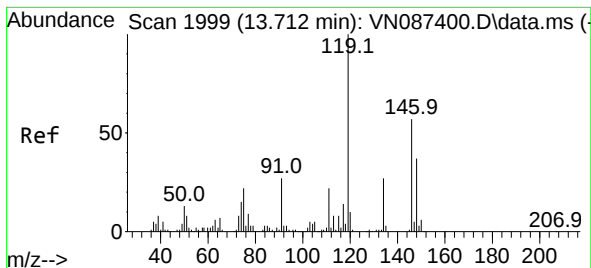
Tgt Ion:105 Resp: 153634
 Ion Ratio Lower Upper
 105 100
 134 19.5 0.0 39.6



#82
 p-Isopropyltoluene
 Concen: 17.288 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN087410.D
 Acq: 24 Jul 2025 10:27

Tgt Ion:119 Resp: 129444
 Ion Ratio Lower Upper
 119 100
 134 26.7 0.0 51.8
 91 25.1 0.0 54.2





#83

1,3-Dichlorobenzene

Concen: 17.129 ug/l

RT: 13.712 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VN087410.D

Acq: 24 Jul 2025 10:27

Instrument :

MSVOA_N

ClientSampleId :

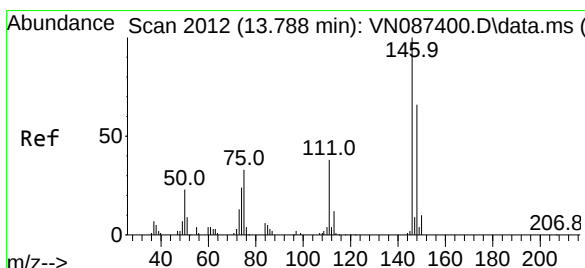
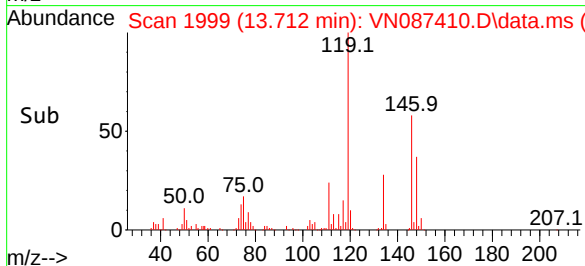
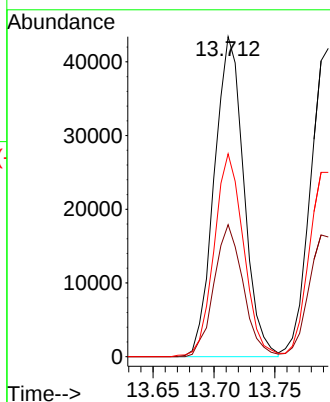
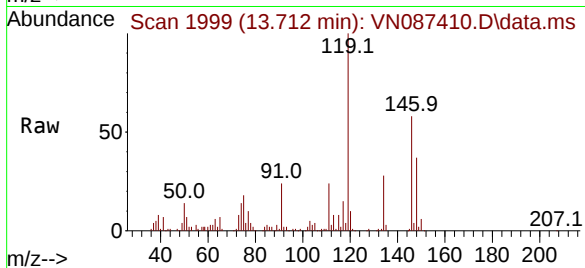
Tgt Ion:146 Resp: 73508

Ion Ratio Lower Upper

146 100

111 40.7 20.2 60.6

148 63.2 31.7 95.1



#84

1,4-Dichlorobenzene

Concen: 16.635 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.006 min

Lab File: VN087410.D

Acq: 24 Jul 2025 10:27

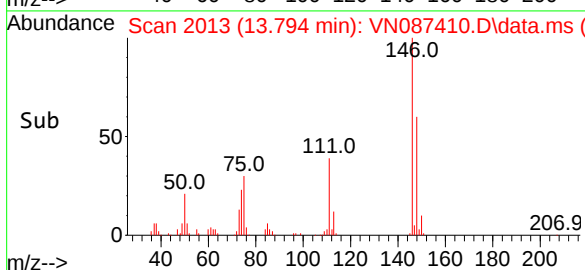
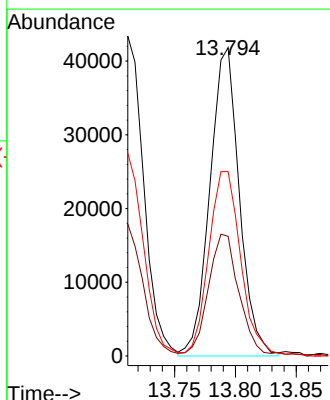
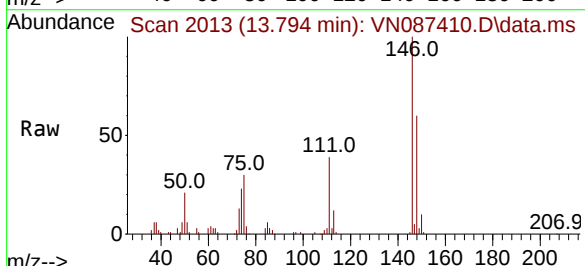
Tgt Ion:146 Resp: 70465

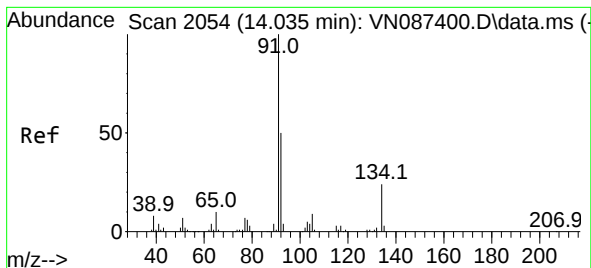
Ion Ratio Lower Upper

146 100

111 41.0 19.4 58.1

148 63.8 32.4 97.2





#85

n-Butylbenzene

Concen: 17.551 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.000 min

Lab File: VN087410.D

Acq: 24 Jul 2025 10:27

Instrument :

MSVOA_N

ClientSampleId :

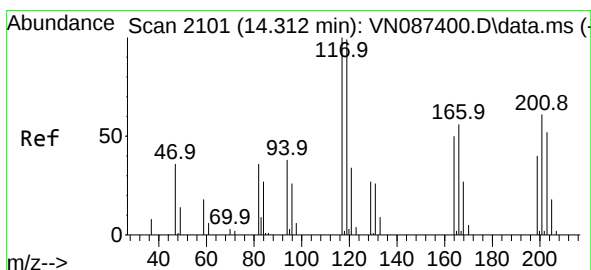
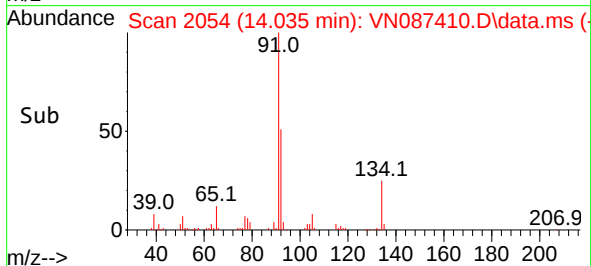
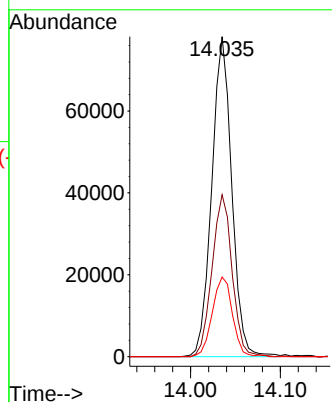
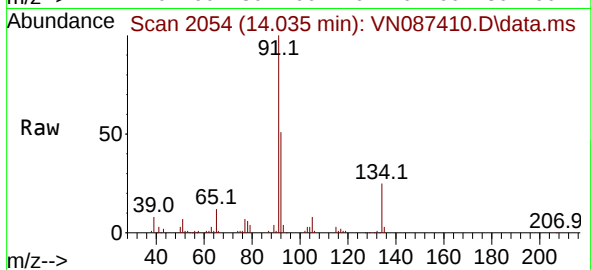
Tgt Ion: 91 Resp: 121029

Ion Ratio Lower Upper

91 100

92 50.7 0.0 101.4

134 24.9 0.0 48.6



#86

Hexachloroethane

Concen: 17.439 ug/l

RT: 14.312 min Scan# 2101

Delta R.T. 0.000 min

Lab File: VN087410.D

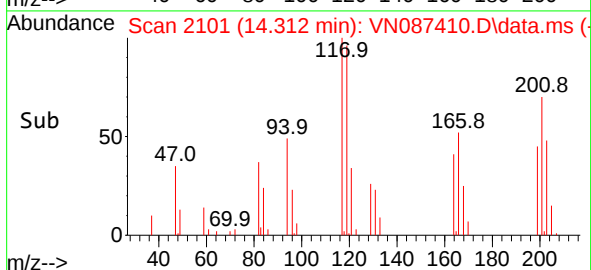
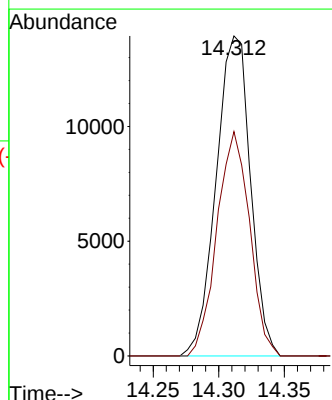
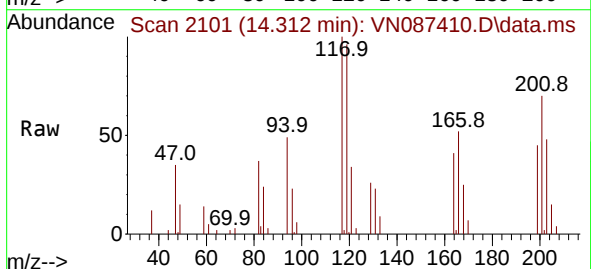
Acq: 24 Jul 2025 10:27

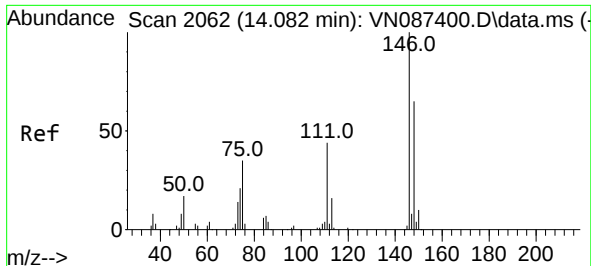
Tgt Ion: 117 Resp: 25410

Ion Ratio Lower Upper

117 100

201 66.7 34.2 102.5





#87

1,2-Dichlorobenzene

Concen: 16.528 ug/l

RT: 14.082 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VN087410.D

Acq: 24 Jul 2025 10:27

Instrument :

MSVOA_N

ClientSampleId :

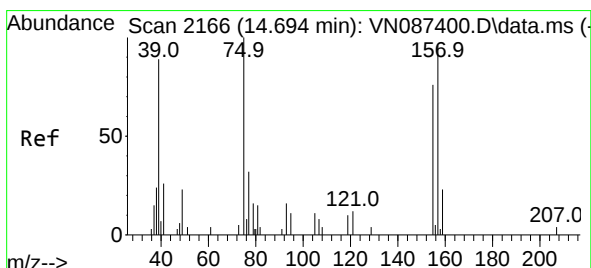
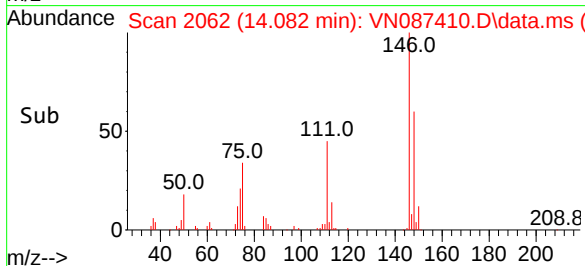
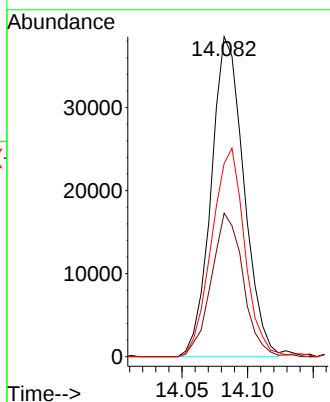
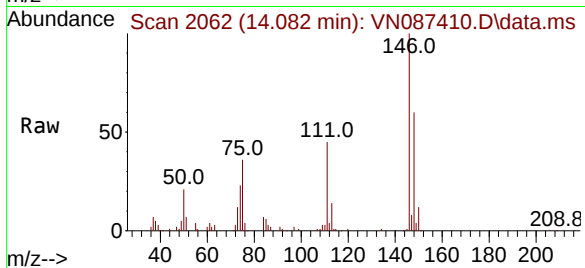
Tgt Ion:146 Resp: 66783

Ion Ratio Lower Upper

146 100

111 43.5 21.9 65.8

148 65.8 31.2 93.6



#88

1,2-Dibromo-3-Chloropropane

Concen: 16.851 ug/l

RT: 14.700 min Scan# 2167

Delta R.T. 0.006 min

Lab File: VN087410.D

Acq: 24 Jul 2025 10:27

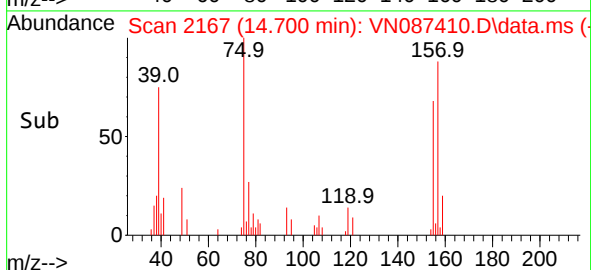
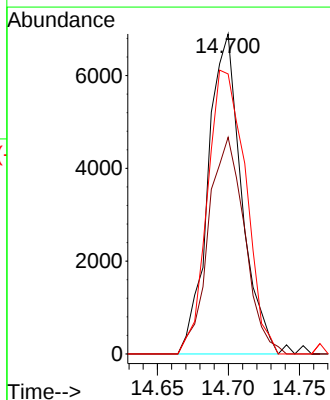
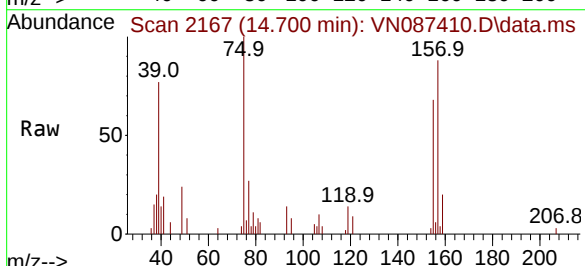
Tgt Ion: 75 Resp: 11286

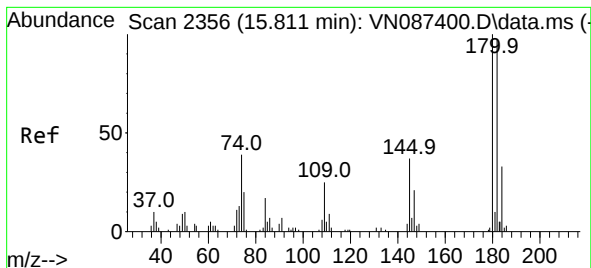
Ion Ratio Lower Upper

75 100

155 73.5 61.3 91.9

157 101.1 85.5 128.3





#89

1,2,4-Trichlorobenzene

Concen: 17.307 ug/l

RT: 15.811 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN087410.D

Acq: 24 Jul 2025 10:27

Instrument :

MSVOA_N

ClientSampleId :

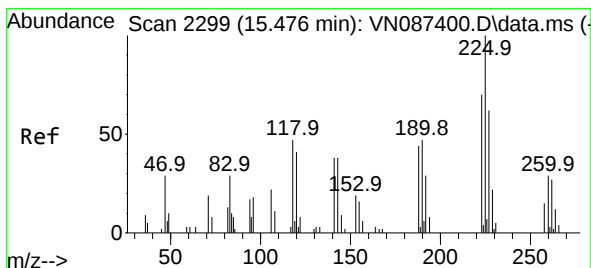
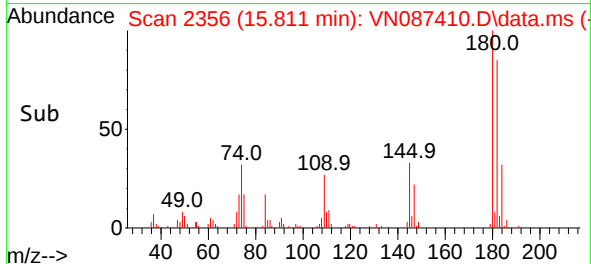
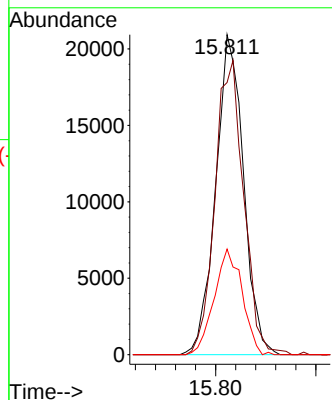
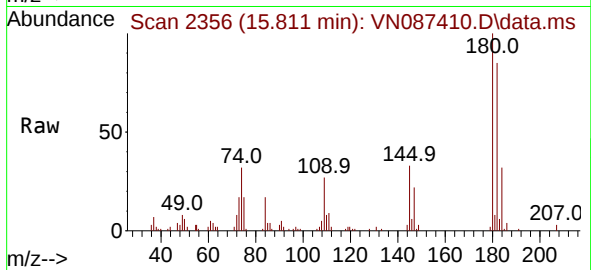
Tgt Ion:180 Resp: 40340

Ion Ratio Lower Upper

180 100

182 94.1 74.2 111.2

145 33.0 29.3 43.9



#90

Hexachlorobutadiene

Concen: 18.892 ug/l

RT: 15.470 min Scan# 2298

Delta R.T. -0.006 min

Lab File: VN087410.D

Acq: 24 Jul 2025 10:27

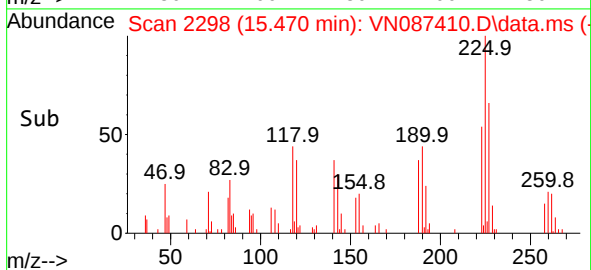
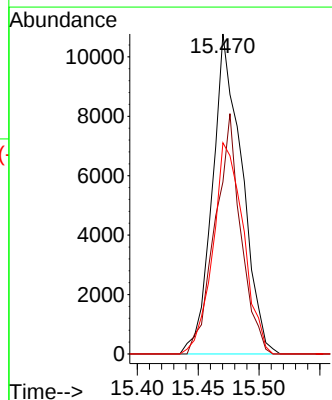
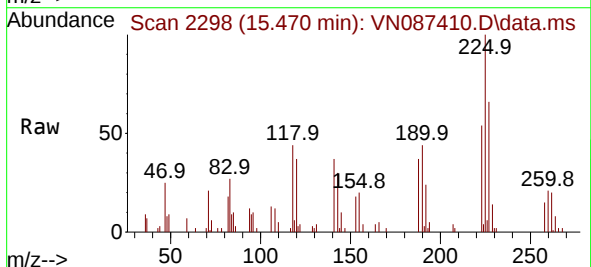
Tgt Ion:225 Resp: 18163

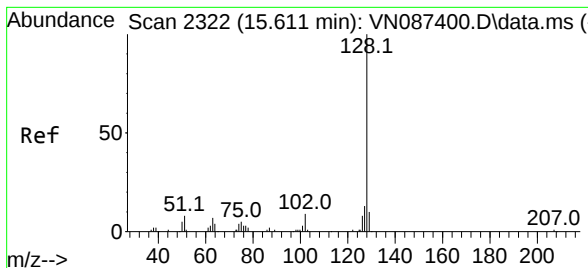
Ion Ratio Lower Upper

225 100

223 65.6 0.0 125.2

227 68.2 0.0 122.4

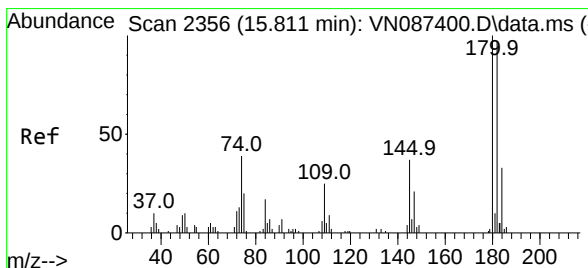
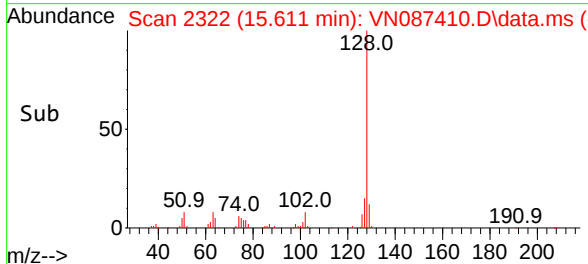
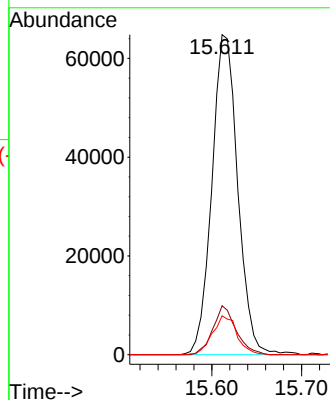
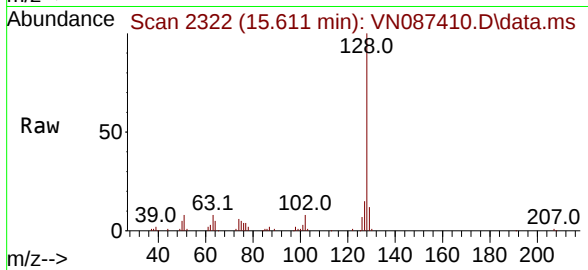




#91
Naphthalene
Concen: 16.699 ug/l
RT: 15.611 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN087410.D
Acq: 24 Jul 2025 10:27

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 129546
Ion Ratio Lower Upper
128 100
127 13.7 10.7 16.1
129 11.6 9.0 13.4



#92
1,2,3-Trichlorobenzene
Concen: 17.307 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN087410.D
Acq: 24 Jul 2025 10:27

Tgt Ion:180 Resp: 40340
Ion Ratio Lower Upper
180 100
182 94.1 0.0 185.4
145 33.0 0.0 73.2

