

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081525\
 Data File : VN087593.D
 Acq On : 15 Aug 2025 19:17
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 18 05:50:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:56:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	316356	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	633002	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	582357	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	297595	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	312372	58.193	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 116.380%			
35) Dibromofluoromethane	8.153	113	214997	49.238	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.480%			
50) Toluene-d8	10.547	98	757769	48.651	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.300%			
62) 4-Bromofluorobenzene	12.829	95	306187	53.209	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.420%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.142	85	185393	55.175	ug/l	98
3) Chloromethane	2.383	50	187990	44.490	ug/l	98
4) Vinyl Chloride	2.542	62	215094	51.223	ug/l	92
5) Bromomethane	2.965	94	133154	61.233	ug/l	98
6) Chloroethane	3.130	64	142160	51.912	ug/l	98
7) Trichlorofluoromethane	3.506	101	333325	53.682	ug/l	95
8) Diethyl Ether	3.959	74	145573	60.438	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.371	101	173190	54.335	ug/l	98
10) Methyl Iodide	4.583	142	140728	43.714	ug/l	98
11) Tert butyl alcohol	5.518	59	274177	269.000	ug/l	99
12) 1,1-Dichloroethene	4.336	96	181150	50.152	ug/l	95
13) Acrolein	4.177	56	165201	201.965	ug/l	99
14) Allyl chloride	5.012	41	311272	47.618	ug/l	93
15) Acrylonitrile	5.712	53	684511	247.488	ug/l	98
16) Acetone	4.424	43	644769	256.181	ug/l	99
17) Carbon Disulfide	4.706	76	445641	41.615	ug/l #	94
18) Methyl Acetate	5.018	43	497401	78.662	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	774329	58.161	ug/l	98
20) Methylene Chloride	5.265	84	217473	51.129	ug/l	95
21) trans-1,2-Dichloroethene	5.777	96	197422	48.474	ug/l	95
22) Diisopropyl ether	6.659	45	762521	55.611	ug/l	93
23) Vinyl Acetate	6.594	43	2638639	220.031	ug/l	98
24) 1,1-Dichloroethane	6.559	63	392618	49.632	ug/l	99
25) 2-Butanone	7.477	43	996101	256.148	ug/l	100
26) 2,2-Dichloropropane	7.471	77	254838	41.435	ug/l	99
27) cis-1,2-Dichloroethene	7.477	96	250417	53.406	ug/l	98
28) Bromochloromethane	7.800	49	186367	49.226	ug/l	96
29) Tetrahydrofuran	7.830	42	644523	255.130	ug/l	97
30) Chloroform	7.953	83	428288	54.091	ug/l	98
31) Cyclohexane	8.241	56	308122	46.691	ug/l	97
32) 1,1,1-Trichloroethane	8.153	97	360123	52.512	ug/l	99
36) 1,1-Dichloropropene	8.353	75	274451	47.575	ug/l	99
37) Ethyl Acetate	7.547	43	366011	43.931	ug/l	98
38) Carbon Tetrachloride	8.347	117	291423	45.858	ug/l	96
39) Methylcyclohexane	9.582	83	296511	47.475	ug/l	96
40) Benzene	8.588	78	881228	47.264	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	218617	50.183	ug/l	98
42) 1,2-Dichloroethane	8.653	62	344487	48.721	ug/l	98
43) Isopropyl Acetate	8.677	43	635441	49.132	ug/l	99
44) Trichloroethene	9.335	130	198572	45.073	ug/l	95
45) 1,2-Dichloropropane	9.606	63	218341	46.088	ug/l	98
46) Dibromomethane	9.694	93	167579	47.245	ug/l	97
47) Bromodichloromethane	9.871	83	341805	47.840	ug/l	96
48) Methyl methacrylate	9.665	41	304901	52.366	ug/l #	93
49) 1,4-Dioxane	9.682	88	82193	921.675	ug/l #	95
51) 4-Methyl-2-Pentanone	10.429	43	1978636	241.884	ug/l	99
52) Toluene	10.612	92	542102	47.835	ug/l	96
53) t-1,3-Dichloropropene	10.818	75	353025	48.823	ug/l	99
54) cis-1,3-Dichloropropene	10.294	75	359369	48.115	ug/l #	91
55) 1,1,2-Trichloroethane	10.994	97	218430	47.608	ug/l	97
56) Ethyl methacrylate	10.859	69	379344	49.215	ug/l #	91
57) 1,3-Dichloropropane	11.141	76	389041	49.043	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	1012104	268.913	ug/l	99
59) 2-Hexanone	11.176	43	1371155	252.646	ug/l	100
60) Dibromochloromethane	11.341	129	248701	47.530	ug/l	97
61) 1,2-Dibromoethane	11.453	107	236510	49.026	ug/l	95
64) Tetrachloroethene	11.082	164	158751	42.355	ug/l	93
65) Chlorobenzene	11.870	112	604380	46.226	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.941	131	208283	46.850	ug/l	99
67) Ethyl Benzene	11.941	91	1073482	49.875	ug/l	99
68) m/p-Xylenes	12.053	106	794573	98.585	ug/l	94
69) o-Xylene	12.376	106	390322	50.698	ug/l	94
70) Styrene	12.394	104	683157	52.748	ug/l	99
71) Bromoform	12.559	173	153501	42.738	ug/l #	96
73) Isopropylbenzene	12.676	105	1011241	53.990	ug/l	98
74) N-amyl acetate	12.500	43	227692	29.259	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.917	83	347537	49.312	ug/l	98
76) 1,2,3-Trichloropropane	12.976	75	440636	66.029	ug/l	58
77) Bromobenzene	12.959	156	239435	49.292	ug/l	97
78) n-propylbenzene	13.017	91	1213888	51.511	ug/l	98
79) 2-Chlorotoluene	13.106	91	743185	51.315	ug/l	96
80) 1,3,5-Trimethylbenzene	13.153	105	853451	53.480	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.717	75	97998	40.181	ug/l	96
82) 4-Chlorotoluene	13.200	91	767539	50.903	ug/l	97
83) tert-Butylbenzene	13.417	119	723749	54.301	ug/l	97
84) 1,2,4-Trimethylbenzene	13.459	105	871046	53.448	ug/l	97
85) sec-Butylbenzene	13.594	105	1039752	51.790	ug/l	99
86) p-Isopropyltoluene	13.706	119	874684	54.365	ug/l	97
87) 1,3-Dichlorobenzene	13.712	146	451207	47.329	ug/l	100
88) 1,4-Dichlorobenzene	13.788	146	463695	45.541	ug/l	98
89) n-Butylbenzene	14.035	91	836409	54.443	ug/l	99
90) Hexachloroethane	14.312	117	153370	44.991	ug/l	95
91) 1,2-Dichlorobenzene	14.082	146	435871	48.261	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.694	75	83038	44.877	ug/l	98
93) 1,2,4-Trichlorobenzene	15.364	180	263479	49.664	ug/l	97
94) Hexachlorobutadiene	15.476	225	85980	43.616	ug/l	98
95) Naphthalene	15.617	128	1030862	54.849	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	263139	49.447	ug/l	98

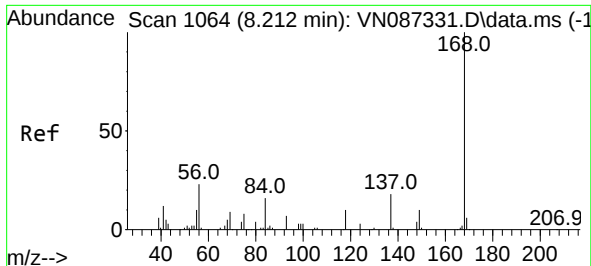
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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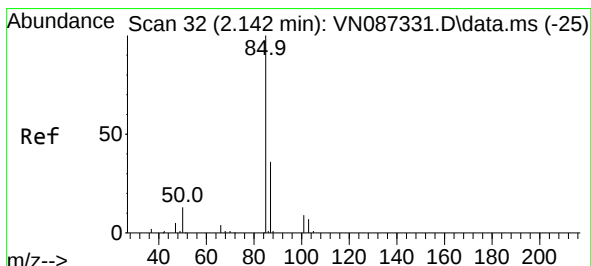
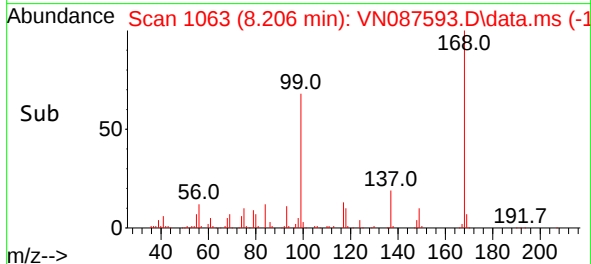
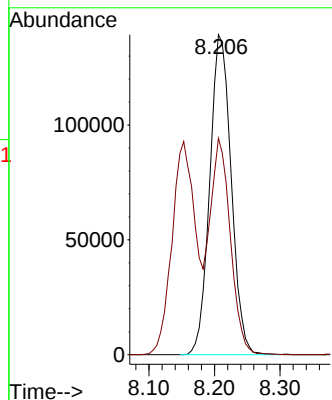
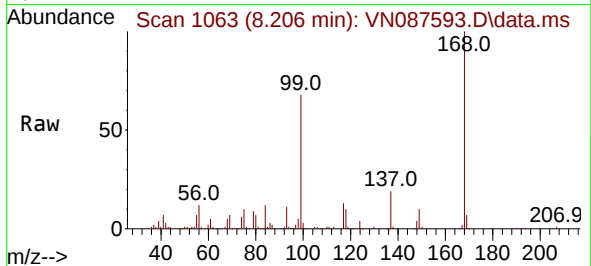
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

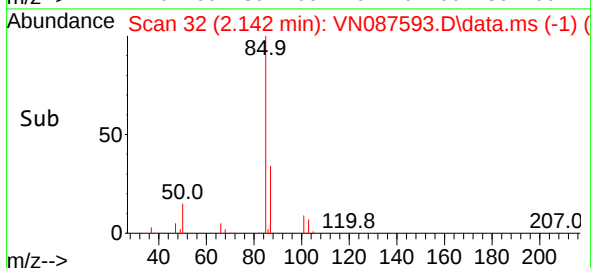
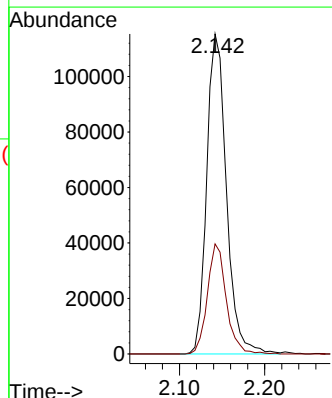
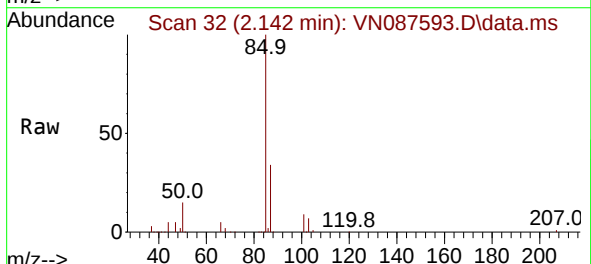
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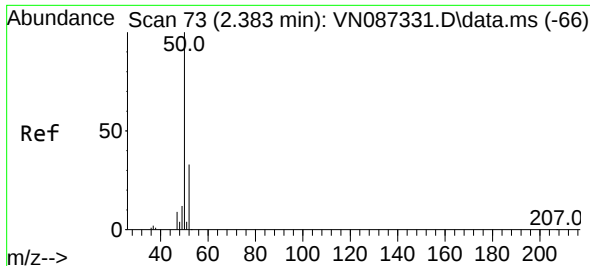
Tgt Ion:168 Resp: 316356
Ion Ratio Lower Upper
168 100
99 67.6 47.9 71.9



#2
Dichlorodifluoromethane
Concen: 55.175 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

Tgt Ion: 85 Resp: 185393
Ion Ratio Lower Upper
85 100
87 34.4 17.8 53.3

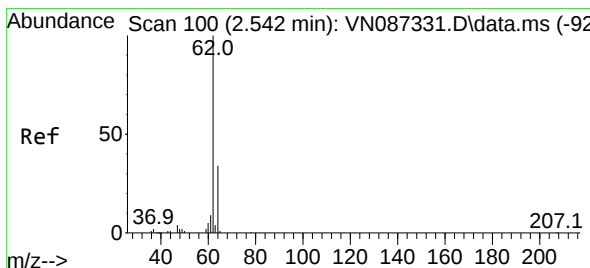
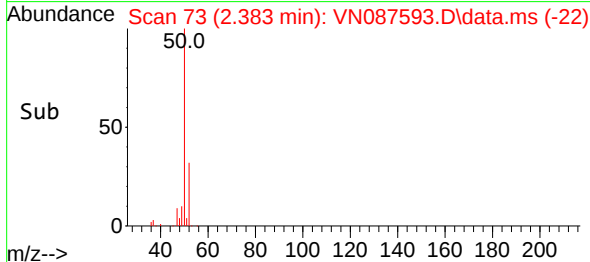
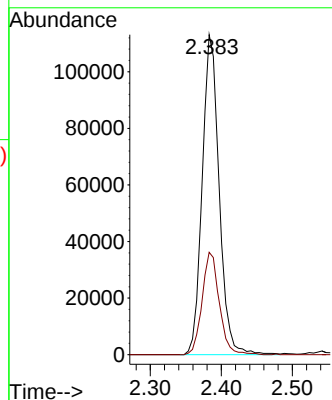
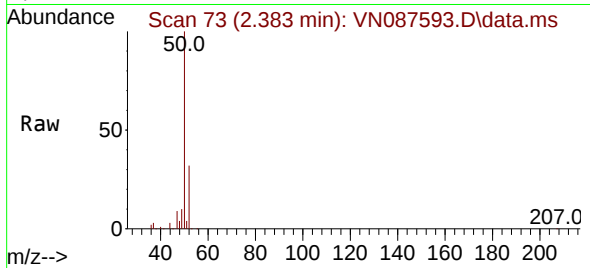




#3
Chloromethane
Concen: 44.490 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

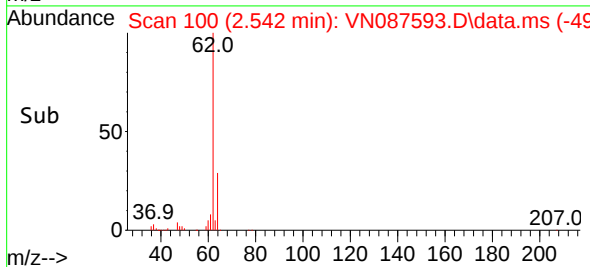
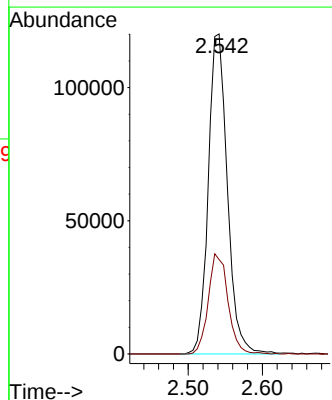
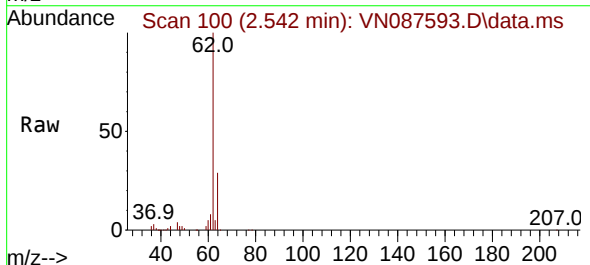
Instrument :
MSVOA_N
ClientSampleId :

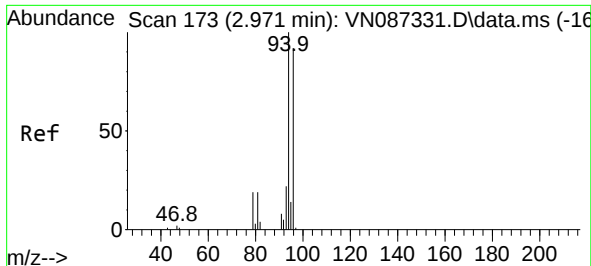
Tgt Ion: 50 Resp: 187990
Ion Ratio Lower Upper
50 100
52 32.0 26.3 39.5



#4
Vinyl Chloride
Concen: 51.223 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

Tgt Ion: 62 Resp: 215094
Ion Ratio Lower Upper
62 100
64 29.5 27.0 40.6

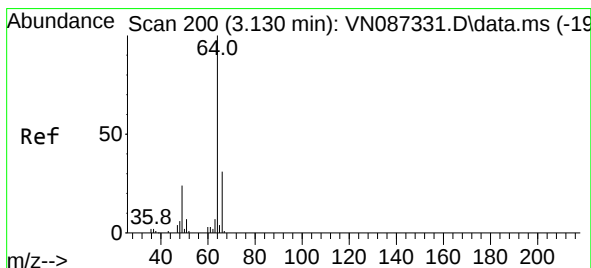
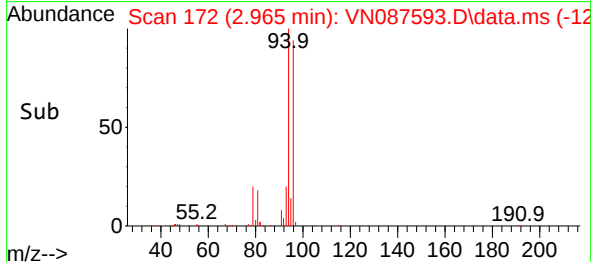
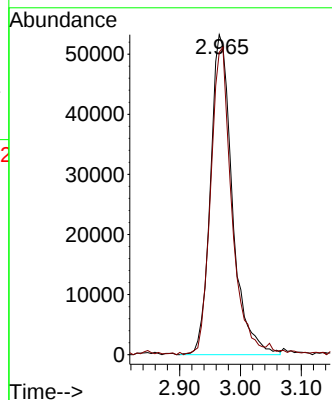
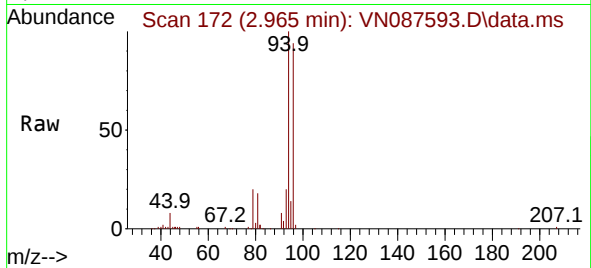




#5
Bromomethane
Concen: 61.233 ug/l
RT: 2.965 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

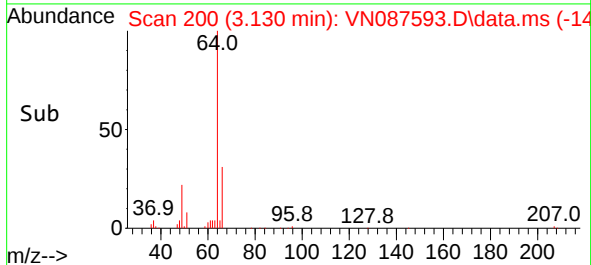
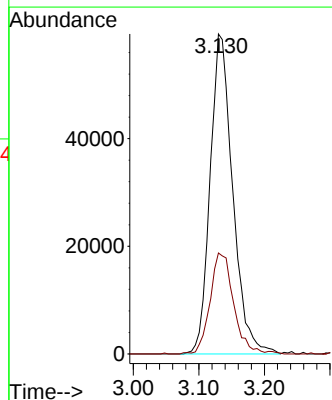
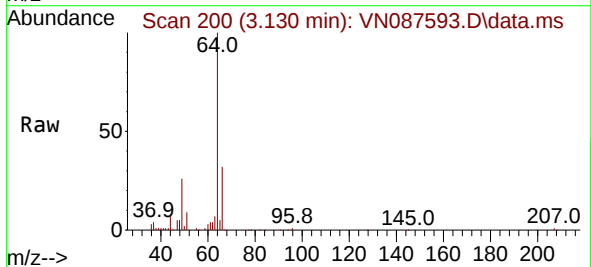
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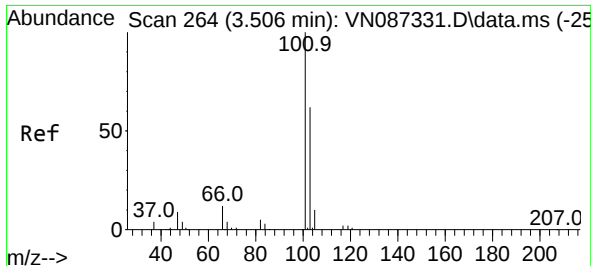
Tgt Ion: 94 Resp: 133154
Ion Ratio Lower Upper
94 100
96 93.8 73.4 110.2



#6
Chloroethane
Concen: 51.912 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

Tgt Ion: 64 Resp: 142160
Ion Ratio Lower Upper
64 100
66 31.5 24.6 36.8

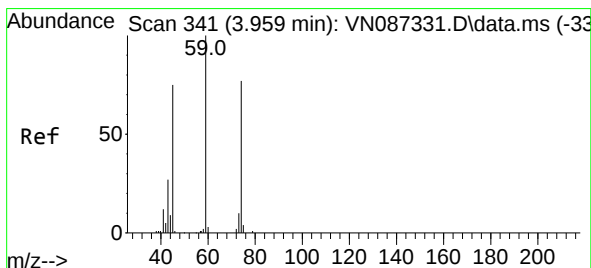
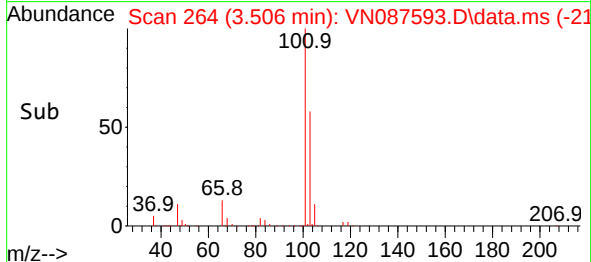
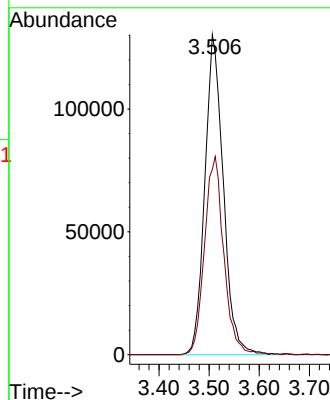
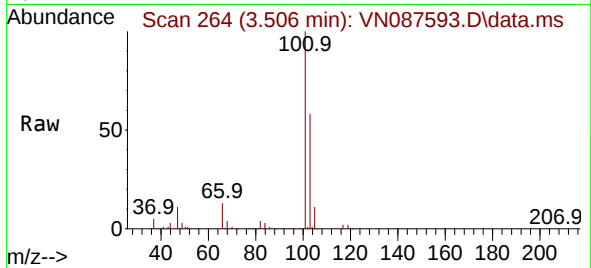




#7
 Trichlorofluoromethane
 Concen: 53.682 ug/l
 RT: 3.506 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN087593.D
 Acq: 15 Aug 2025 19:17

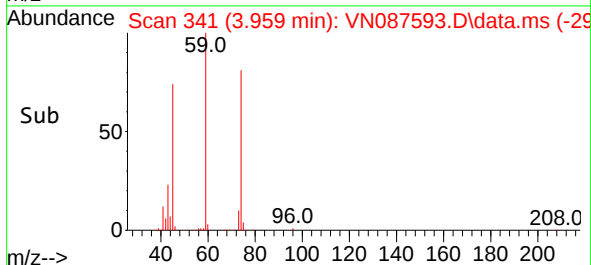
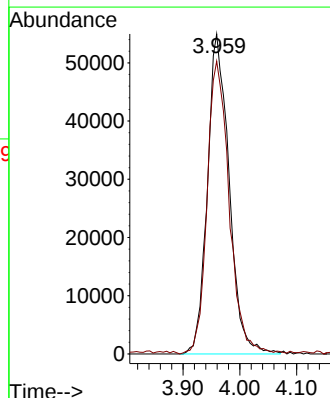
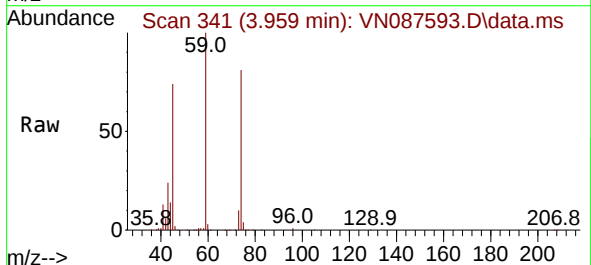
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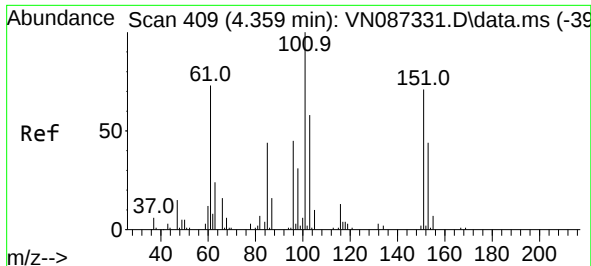
Tgt Ion:101 Resp: 333325
 Ion Ratio Lower Upper
 101 100
 103 58.0 49.8 74.6



#8
 Diethyl Ether
 Concen: 60.438 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN087593.D
 Acq: 15 Aug 2025 19:17

Tgt Ion: 74 Resp: 145573
 Ion Ratio Lower Upper
 74 100
 45 93.2 50.8 152.5

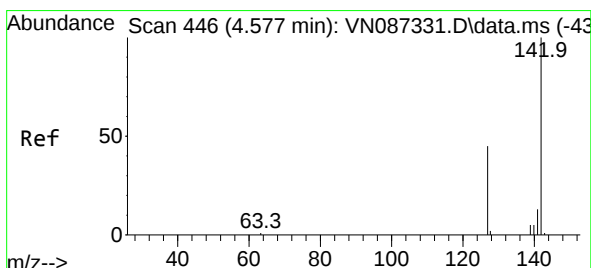
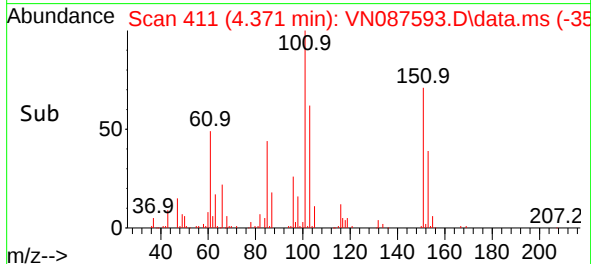
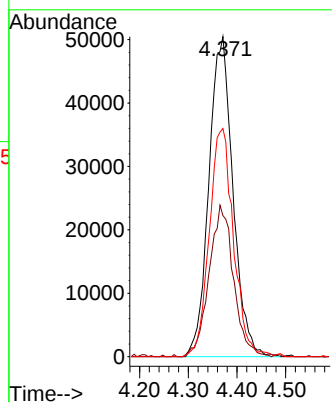
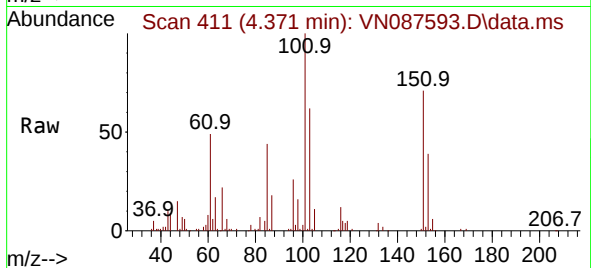




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.335 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

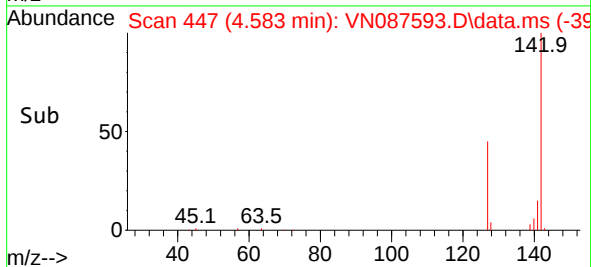
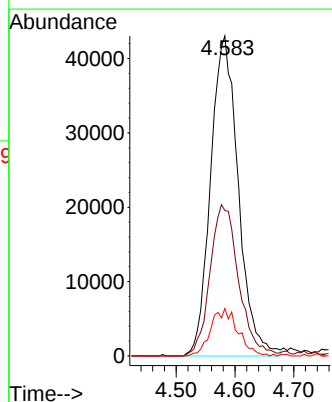
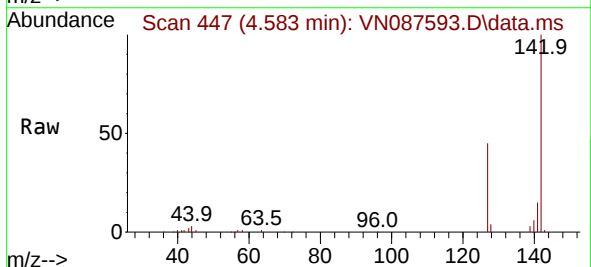
Instrument :
MSVOA_N
ClientSampleId :

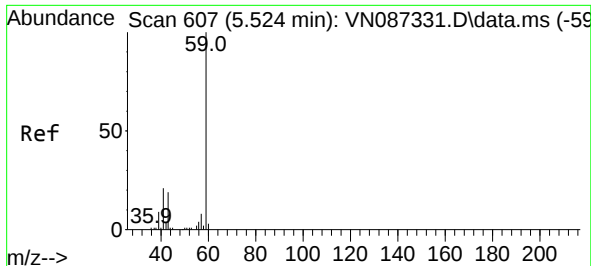
Tgt Ion:101 Resp: 173190
Ion Ratio Lower Upper
101 100
85 47.8 37.3 55.9
151 71.8 58.9 88.3



#10
Methyl Iodide
Concen: 43.714 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

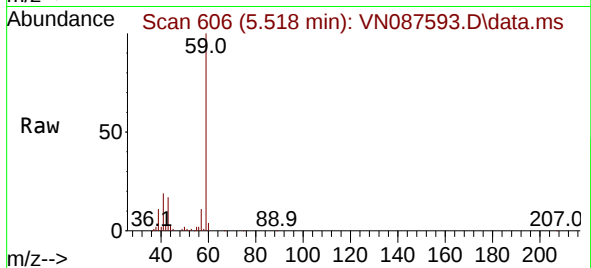
Tgt Ion:142 Resp: 140728
Ion Ratio Lower Upper
142 100
127 45.4 35.7 53.5
141 14.8 10.4 15.6



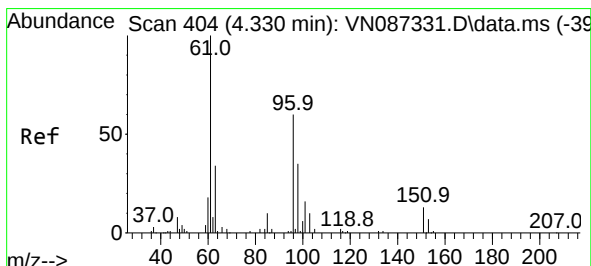
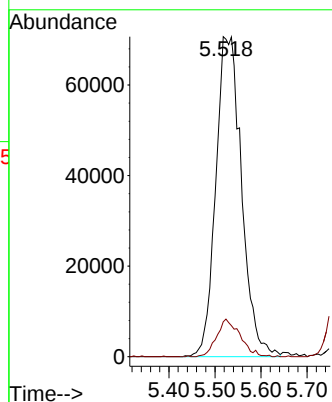
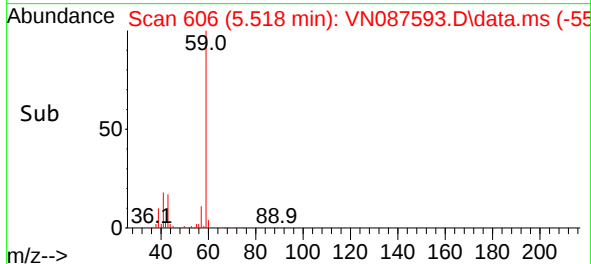


#11
Tert butyl alcohol
Concen: 269.000 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

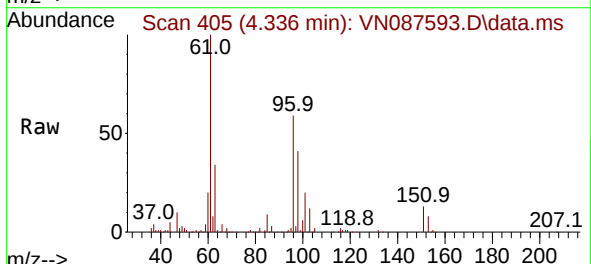
Instrument :
MSVOA_N
ClientSampleId :



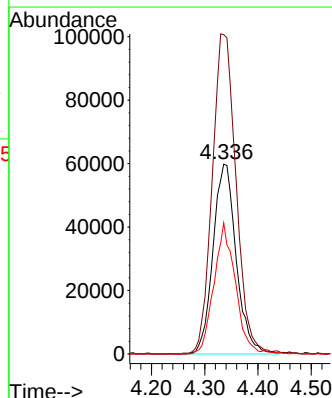
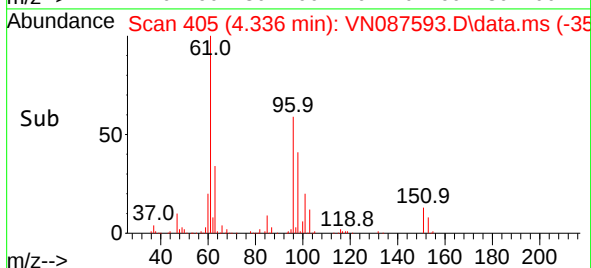
Tgt Ion: 59 Resp: 274177
Ion Ratio Lower Upper
59 100
57 10.7 8.3 12.5

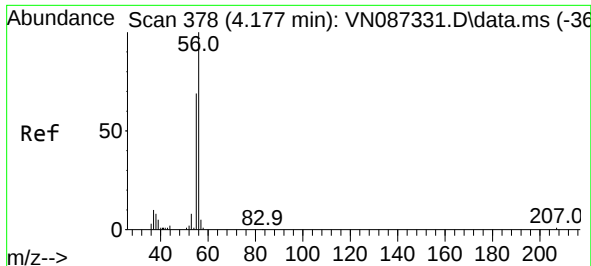


#12
1,1-Dichloroethene
Concen: 50.152 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.006 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17



Tgt Ion: 96 Resp: 181150
Ion Ratio Lower Upper
96 100
61 168.2 132.3 198.5
98 69.1 46.8 70.2





#13

Acrolein

Concen: 201.965 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN087593.D

Acq: 15 Aug 2025 19:17

Instrument :

MSVOA_N

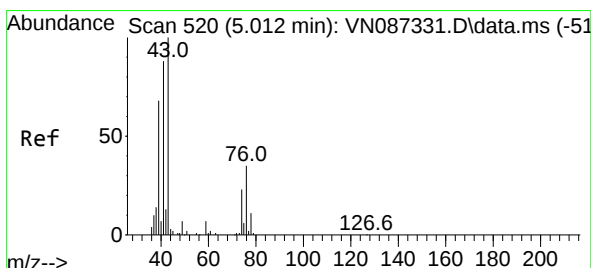
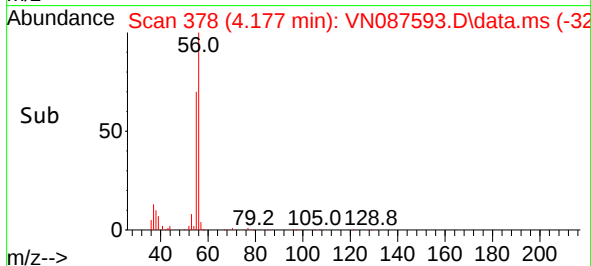
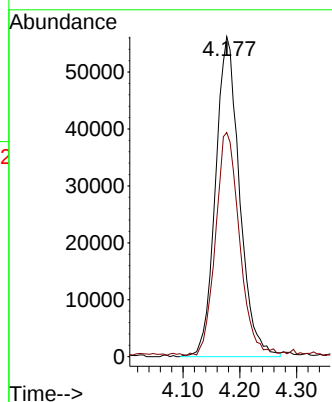
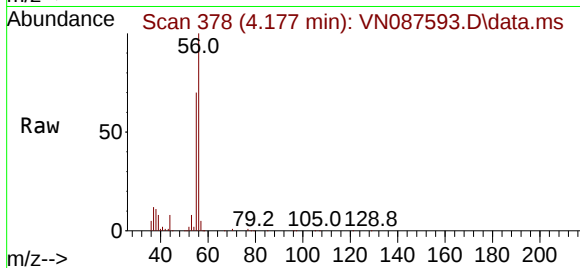
ClientSampleId :

Tgt Ion: 56 Resp: 165201

Ion Ratio Lower Upper

56 100

55 69.9 56.2 84.4



#14

Allyl chloride

Concen: 47.618 ug/l

RT: 5.012 min Scan# 520

Delta R.T. 0.000 min

Lab File: VN087593.D

Acq: 15 Aug 2025 19:17

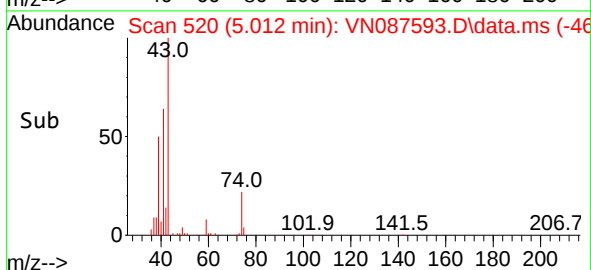
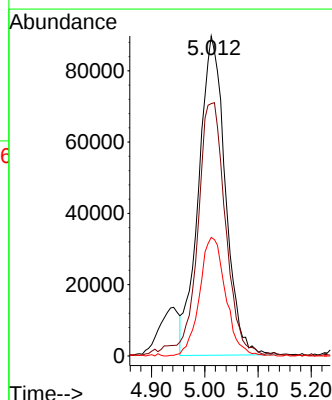
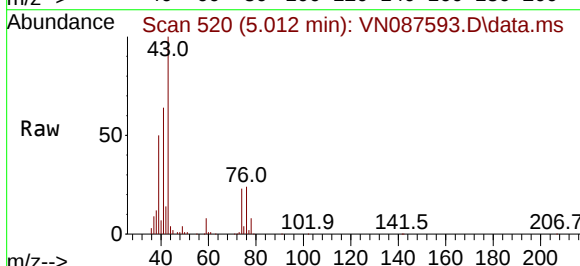
Tgt Ion: 41 Resp: 311272

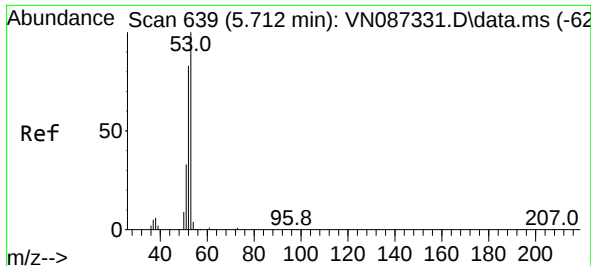
Ion Ratio Lower Upper

41 100

39 82.8 59.0 88.6

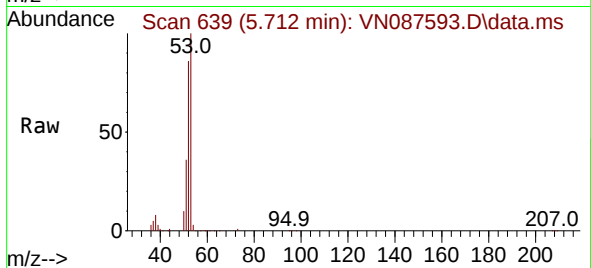
76 36.3 28.7 43.1



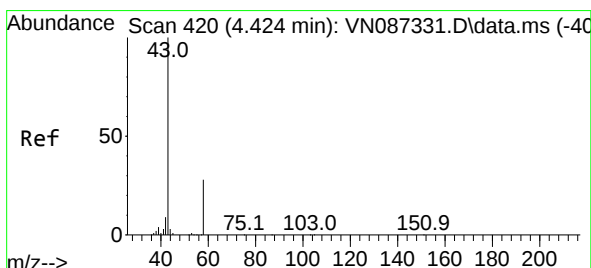
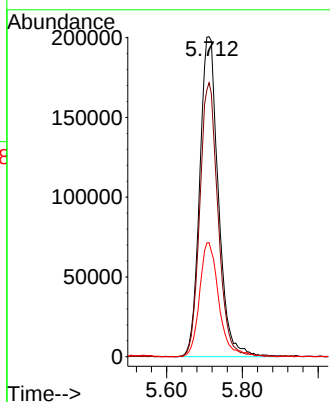
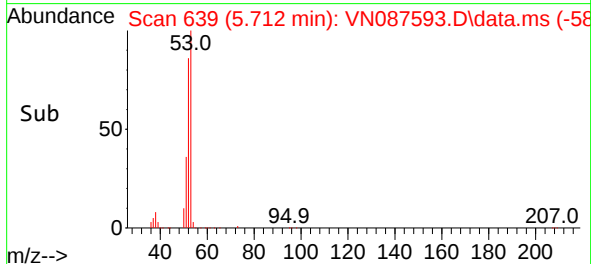


#15
Acrylonitrile
Concen: 247.488 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

Instrument :
MSVOA_N
ClientSampleId :

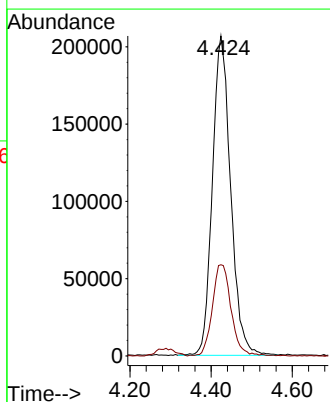
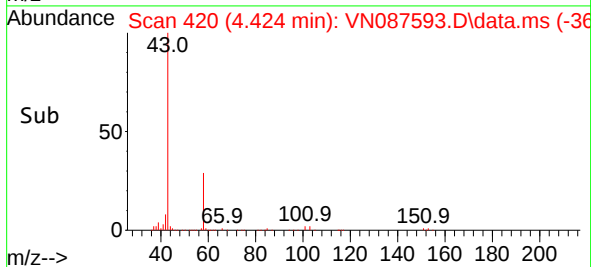
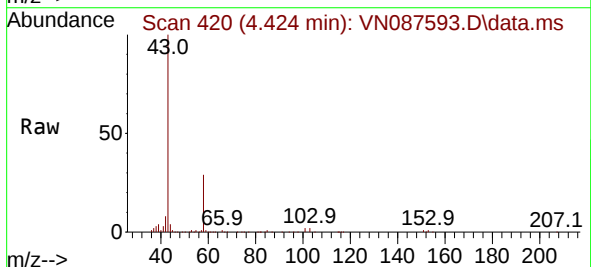


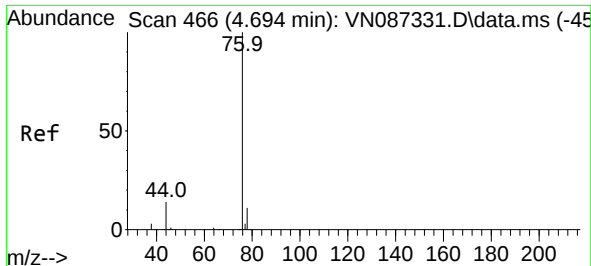
Tgt Ion: 53 Resp: 684511
Ion Ratio Lower Upper
53 100
52 83.2 65.5 98.3
51 37.0 28.7 43.1



#16
Acetone
Concen: 256.181 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

Tgt Ion: 43 Resp: 644769
Ion Ratio Lower Upper
43 100
58 28.4 22.3 33.5





#17

Carbon Disulfide

Concen: 41.615 ug/l

RT: 4.706 min Scan# 4

Delta R.T. 0.012 min

Lab File: VN087593.D

Acq: 15 Aug 2025 19:17

Instrument :

MSVOA_N

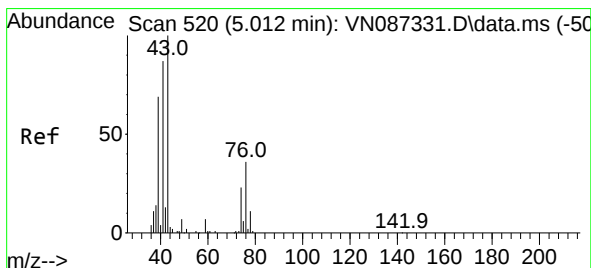
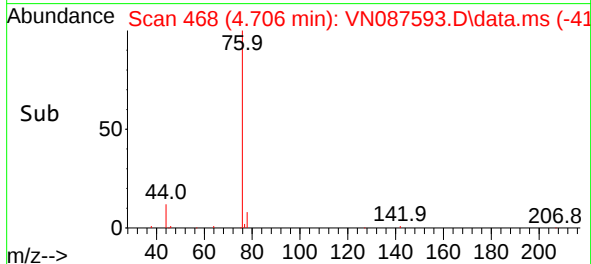
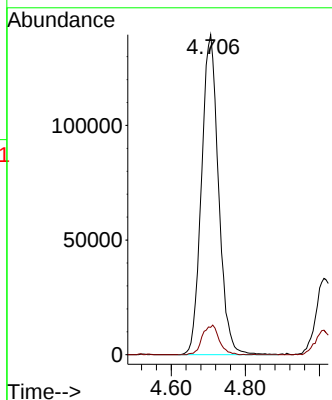
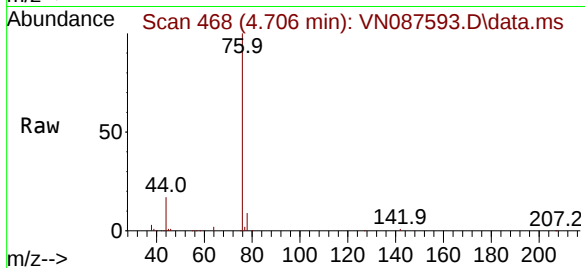
ClientSampleId :

Tgt Ion: 76 Resp: 445641

Ion Ratio Lower Upper

76 100

78 8.6 8.6 13.0#



#18

Methyl Acetate

Concen: 78.662 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.006 min

Lab File: VN087593.D

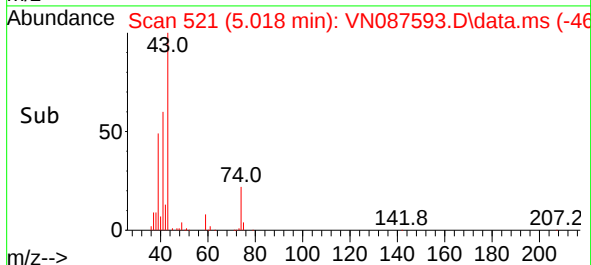
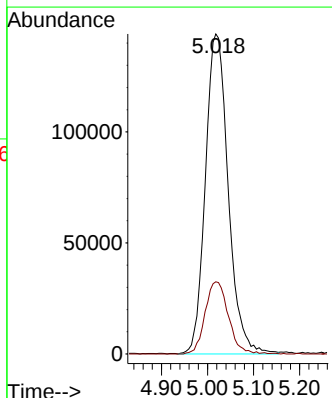
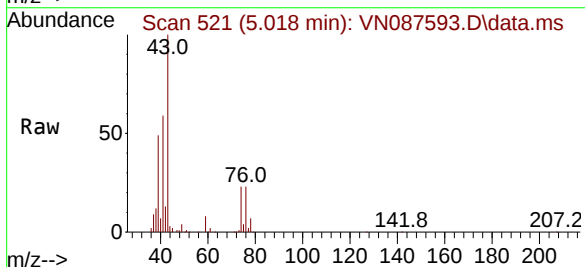
Acq: 15 Aug 2025 19:17

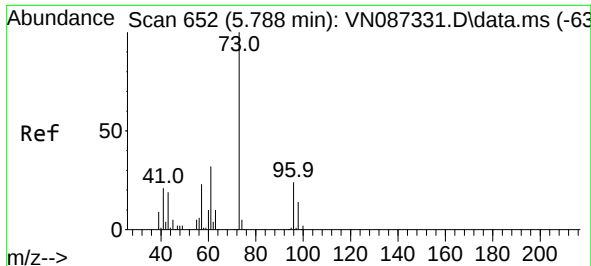
Tgt Ion: 43 Resp: 497401

Ion Ratio Lower Upper

43 100

74 22.9 17.8 26.6

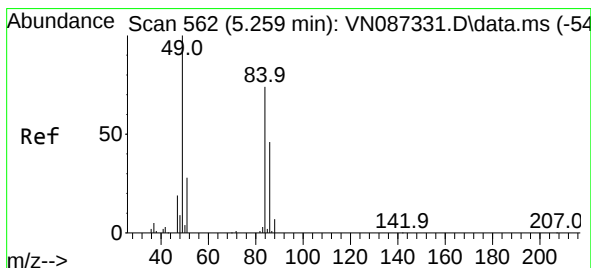
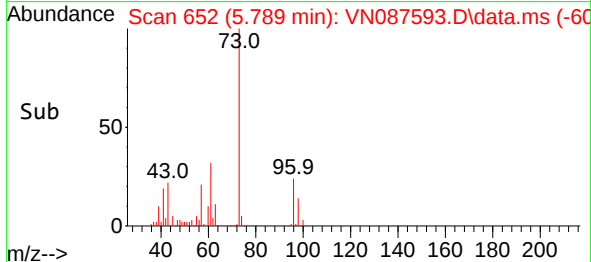
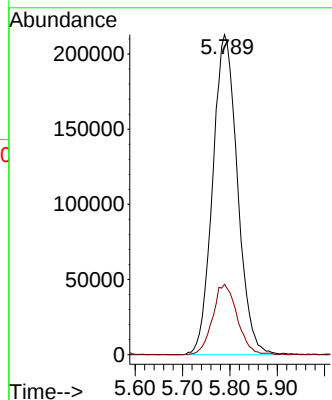
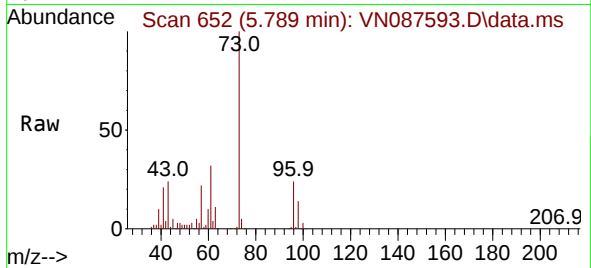




#19
Methyl tert-butyl Ether
Concen: 58.161 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

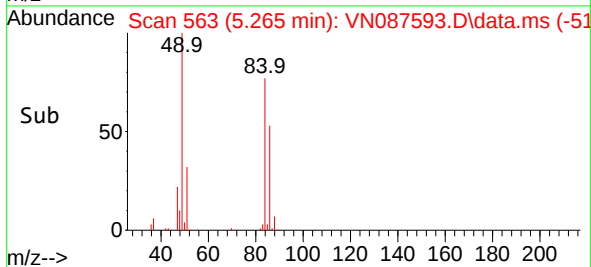
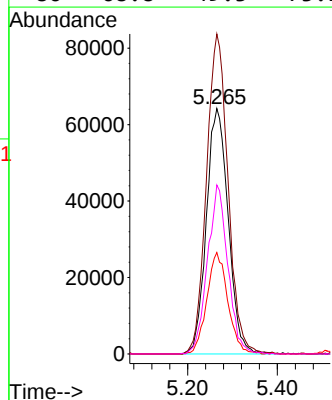
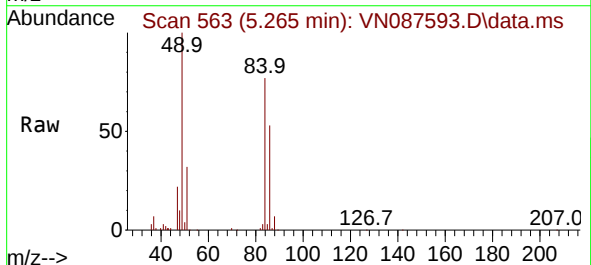
Instrument :
MSVOA_N
ClientSampleId :

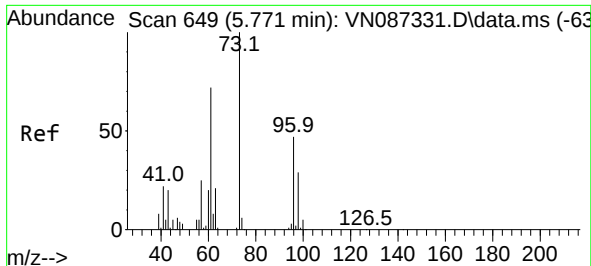
Tgt Ion: 73 Resp: 774329
Ion Ratio Lower Upper
73 100
57 22.0 18.6 27.8



#20
Methylene Chloride
Concen: 51.129 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.006 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

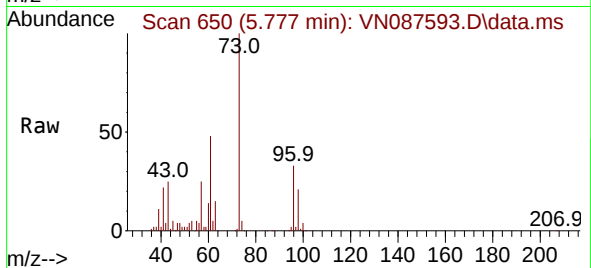
Tgt Ion: 84 Resp: 217473
Ion Ratio Lower Upper
84 100
49 130.3 107.5 161.3
51 41.3 30.2 45.2
86 68.8 49.3 73.9



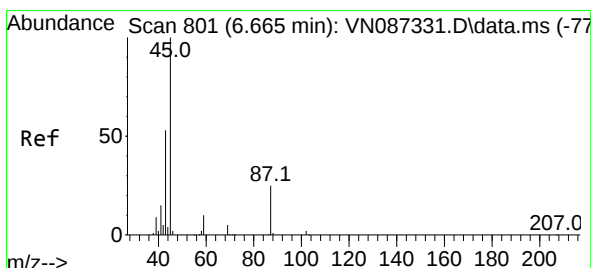
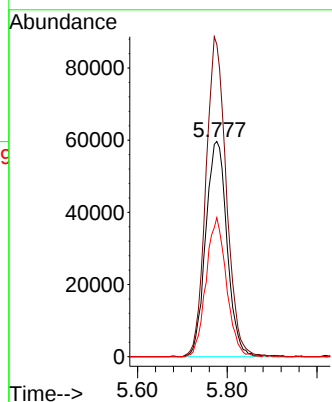
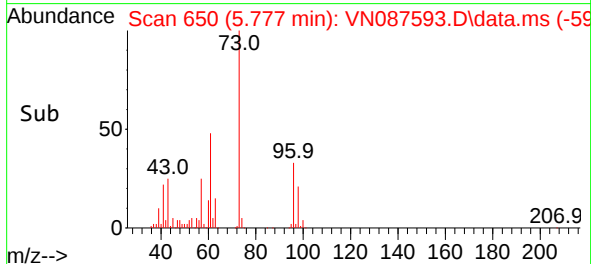


#21
trans-1,2-Dichloroethene
Concen: 48.474 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

Instrument :
MSVOA_N
ClientSampleId :

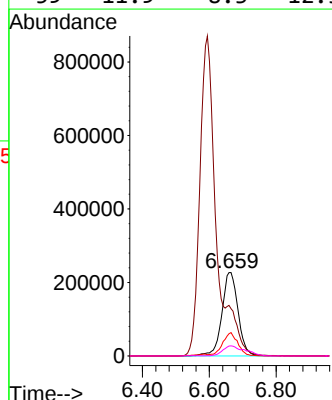
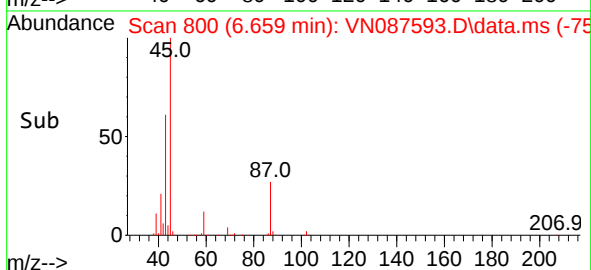
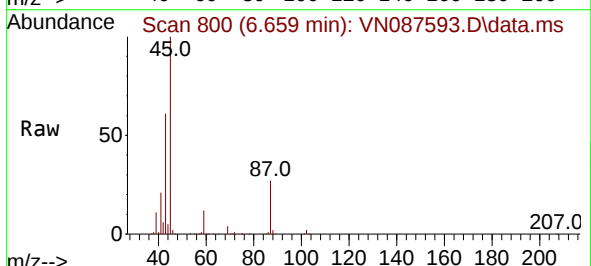


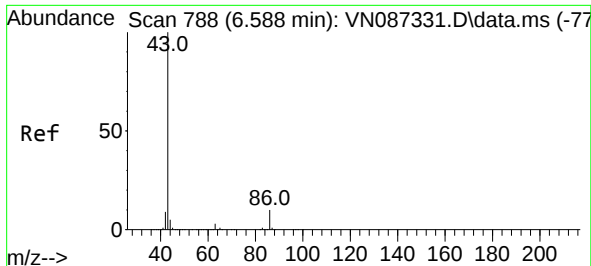
Tgt Ion: 96 Resp: 197422
Ion Ratio Lower Upper
96 100
61 145.1 122.0 183.0
98 64.6 50.0 75.0



#22
Diisopropyl ether
Concen: 55.611 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.006 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

Tgt Ion: 45 Resp: 762521
Ion Ratio Lower Upper
45 100
43 60.4 42.8 64.2
87 26.8 19.8 29.6
59 11.9 8.3 12.5

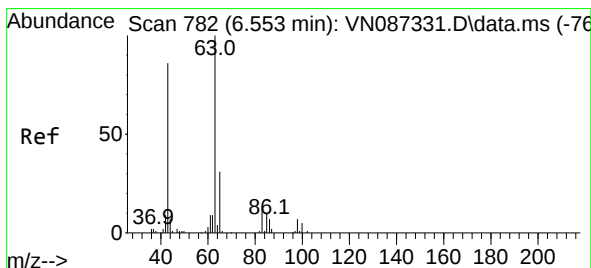
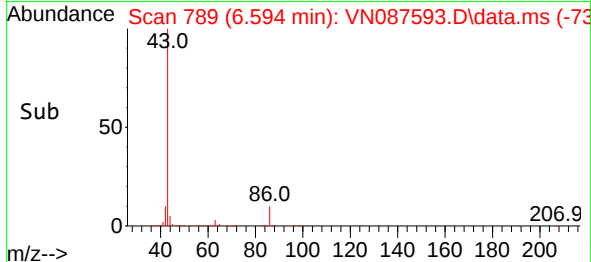
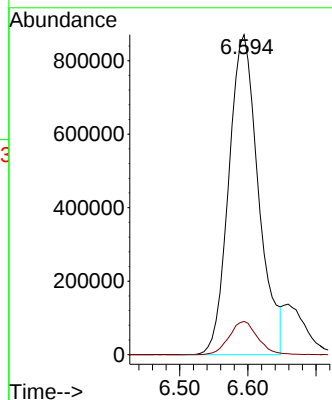
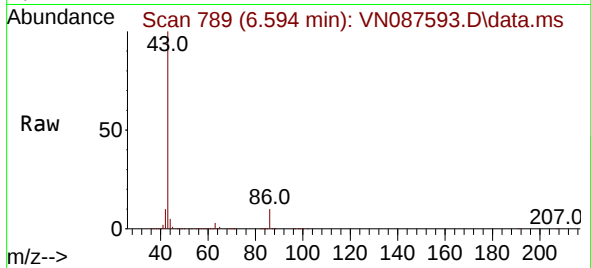




#23
 Vinyl Acetate
 Concen: 220.031 ug/l
 RT: 6.594 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VN087593.D
 Acq: 15 Aug 2025 19:17

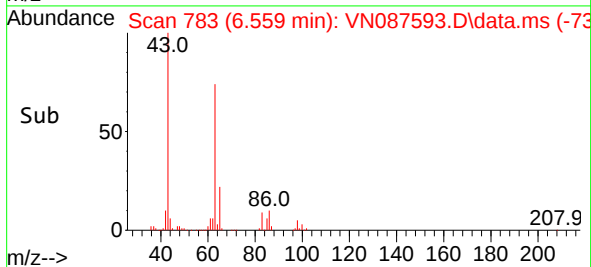
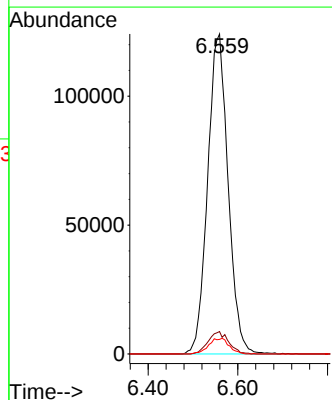
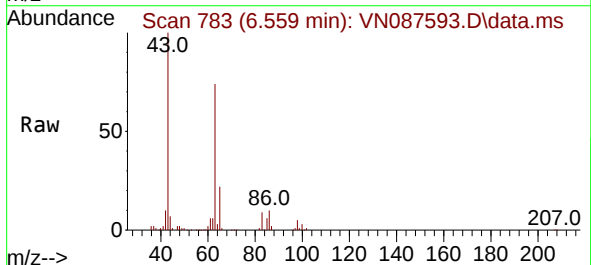
Instrument :
 MSVOA_N
 ClientSampleId :

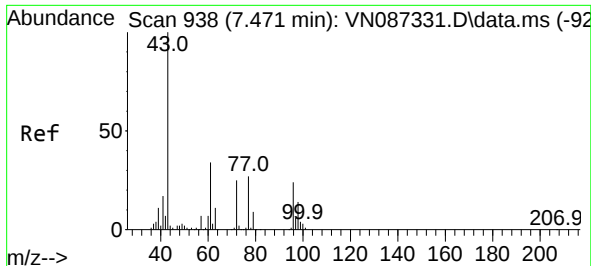
Tgt Ion: 43 Resp: 2638639
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.7 11.5



#24
 1,1-Dichloroethane
 Concen: 49.632 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. 0.006 min
 Lab File: VN087593.D
 Acq: 15 Aug 2025 19:17

Tgt Ion: 63 Resp: 392618
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.3 9.9
 100 4.6 2.5 7.4

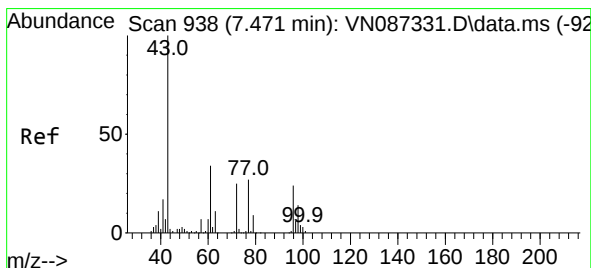
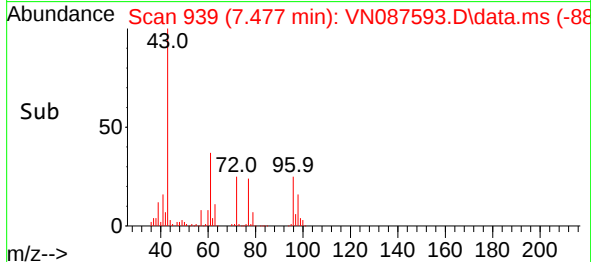
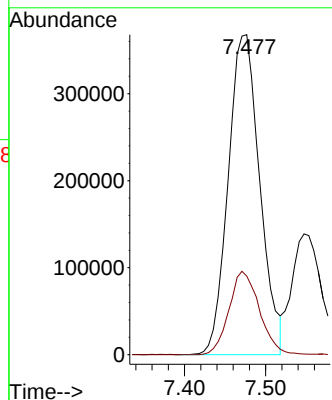
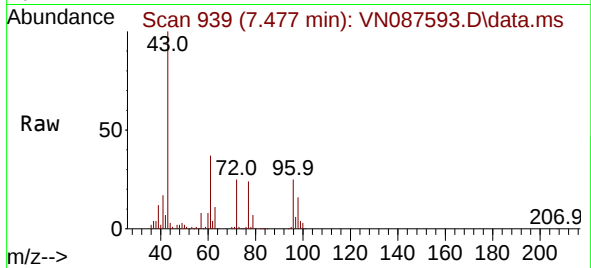




#25
2-Butanone
Concen: 256.148 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

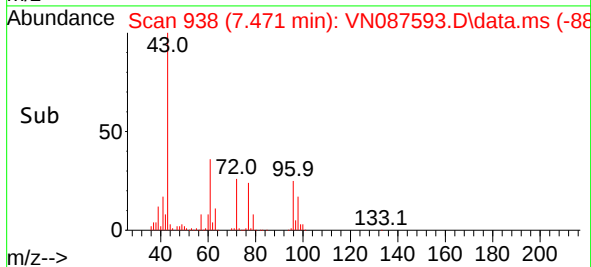
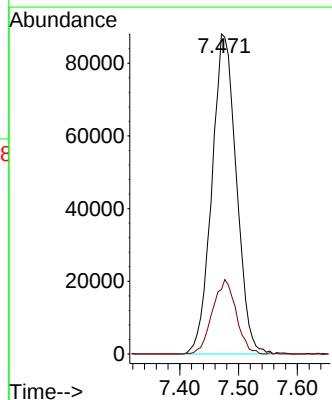
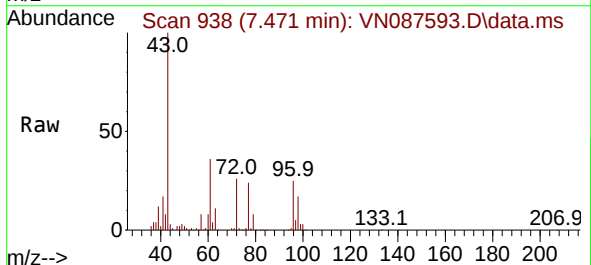
Instrument :
MSVOA_N
ClientSampleId :

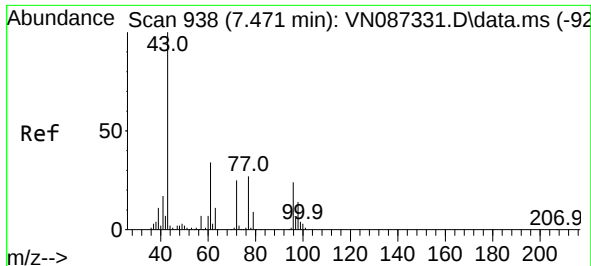
Tgt Ion: 43 Resp: 996101
Ion Ratio Lower Upper
43 100
72 24.6 19.6 29.4



#26
2,2-Dichloropropane
Concen: 41.435 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

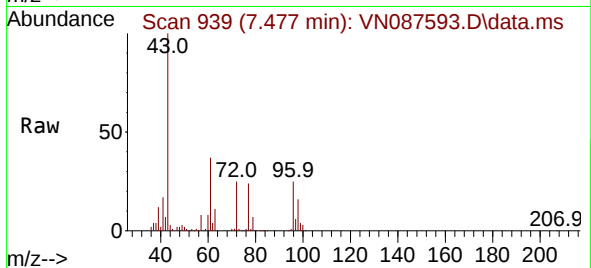
Tgt Ion: 77 Resp: 254838
Ion Ratio Lower Upper
77 100
97 22.4 11.1 33.1





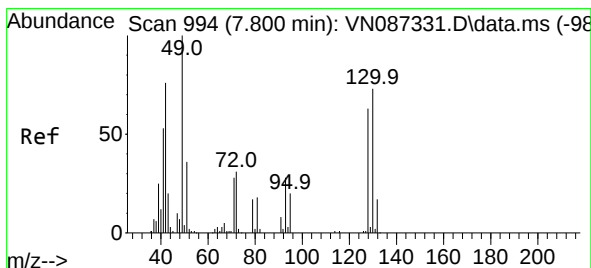
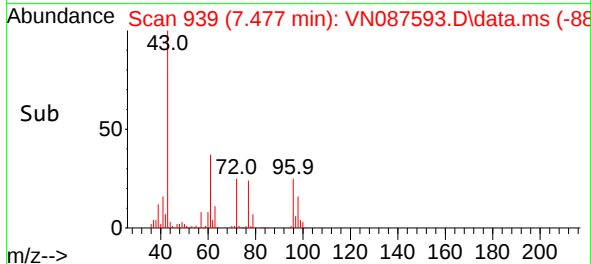
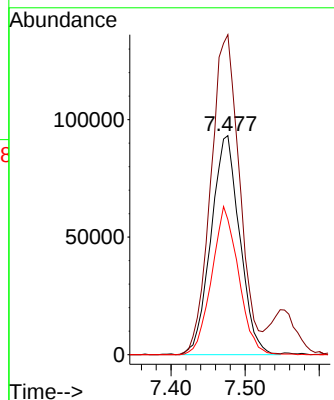
#27
 cis-1,2-Dichloroethene
 Concen: 53.406 ug/l
 RT: 7.477 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN087593.D
 Acq: 15 Aug 2025 19:17

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 96 Resp: 250417

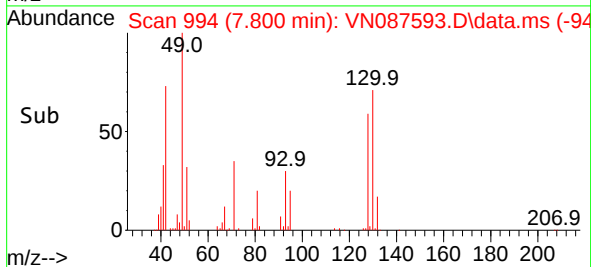
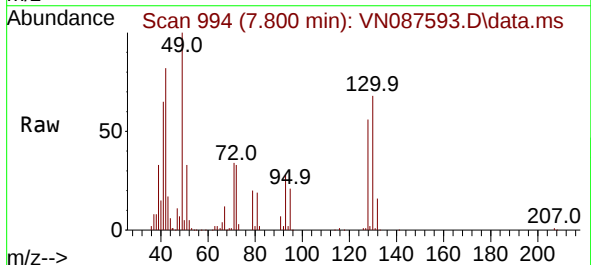
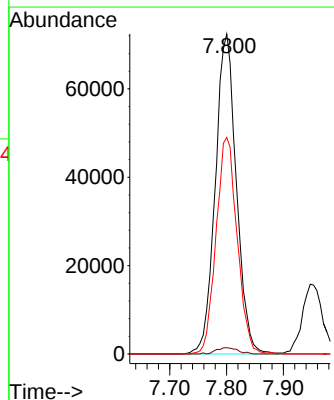
Ion	Ratio	Lower	Upper
96	100		
61	147.4	0.0	297.8
98	63.4	0.0	132.4

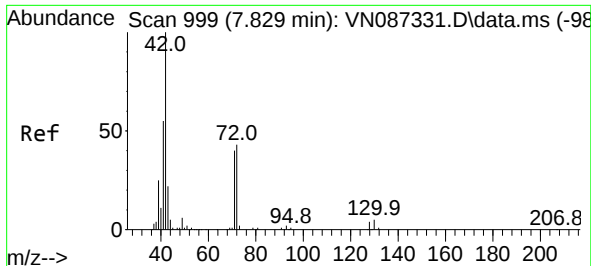


#28
 Bromochloromethane
 Concen: 49.226 ug/l
 RT: 7.800 min Scan# 994
 Delta R.T. 0.000 min
 Lab File: VN087593.D
 Acq: 15 Aug 2025 19:17

Tgt Ion: 49 Resp: 186367

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	67.8	57.3	85.9





#29

Tetrahydrofuran

Concen: 255.130 ug/l

RT: 7.830 min Scan# 999

Delta R.T. 0.000 min

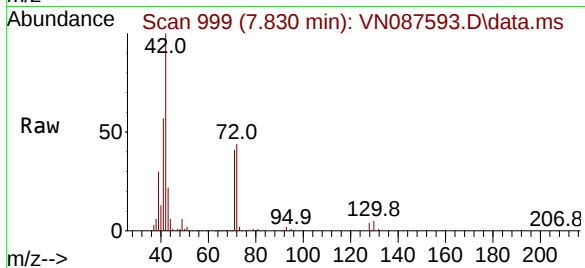
Lab File: VN087593.D

Acq: 15 Aug 2025 19:17

Instrument :

MSVOA_N

ClientSampleId :



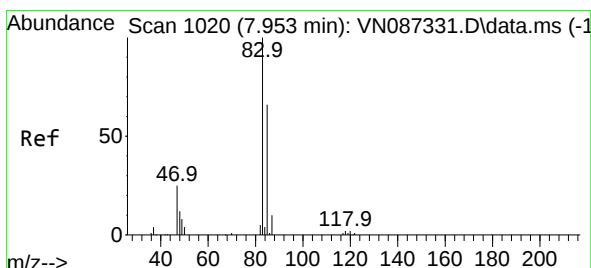
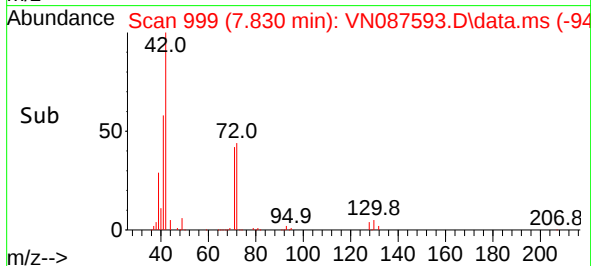
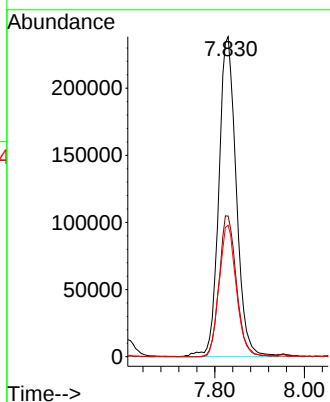
Tgt Ion: 42 Resp: 644523

Ion Ratio Lower Upper

42 100

72 43.4 33.4 50.0

71 40.6 31.2 46.8



#30

Chloroform

Concen: 54.091 ug/l

RT: 7.953 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VN087593.D

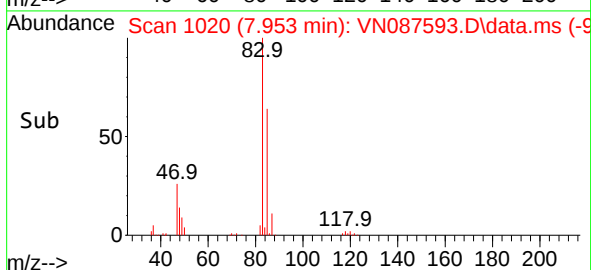
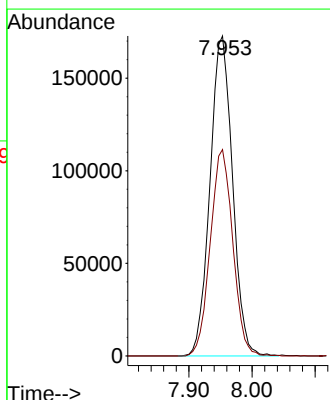
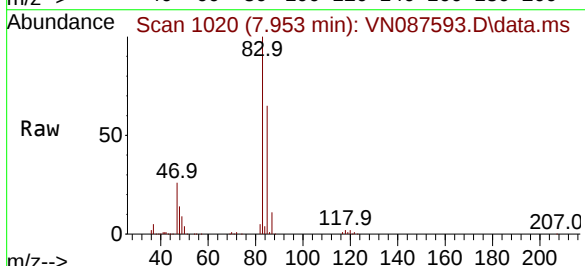
Acq: 15 Aug 2025 19:17

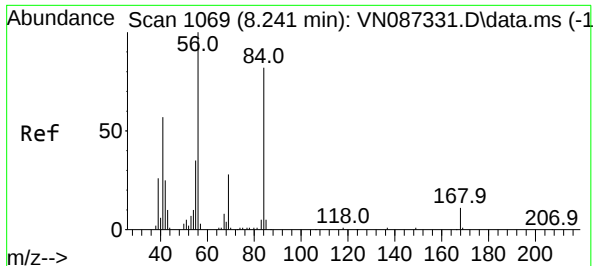
Tgt Ion: 83 Resp: 428288

Ion Ratio Lower Upper

83 100

85 64.5 52.7 79.1





#31

Cyclohexane

Concen: 46.691 ug/l

RT: 8.241 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VN087593.D

Acq: 15 Aug 2025 19:17

Instrument :

MSVOA_N

ClientSampleId :

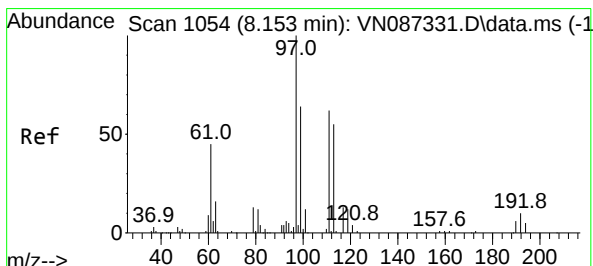
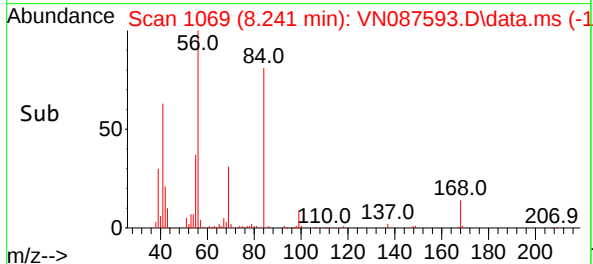
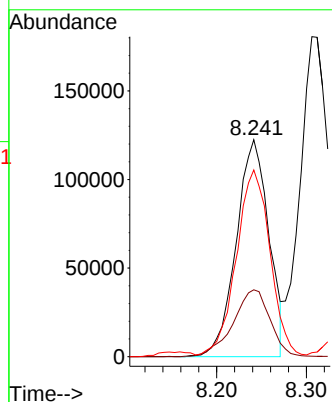
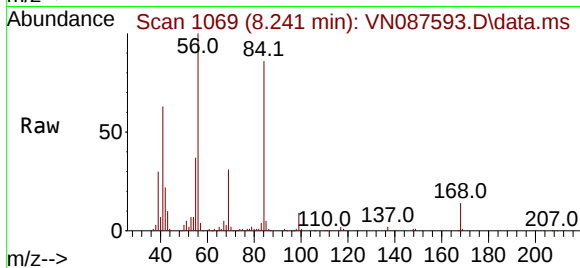
Tgt Ion: 56 Resp: 308122

Ion Ratio Lower Upper

56 100

69 30.8 22.7 34.1

84 83.9 65.8 98.6



#32

1,1,1-Trichloroethane

Concen: 52.512 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.000 min

Lab File: VN087593.D

Acq: 15 Aug 2025 19:17

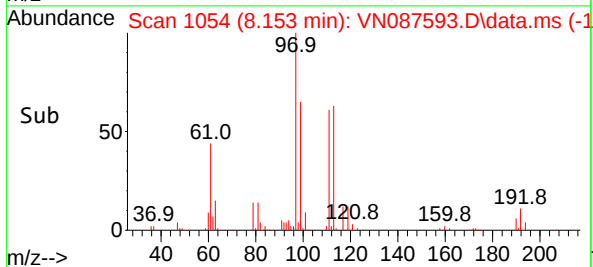
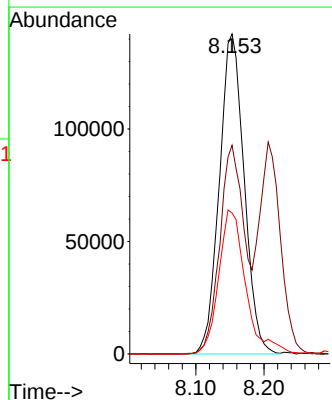
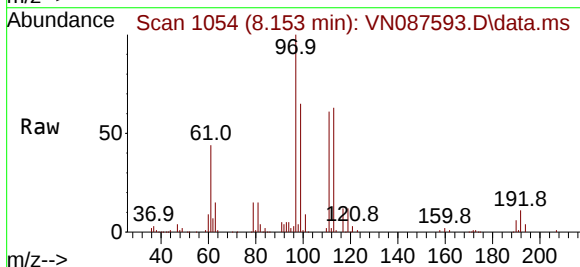
Tgt Ion: 97 Resp: 360123

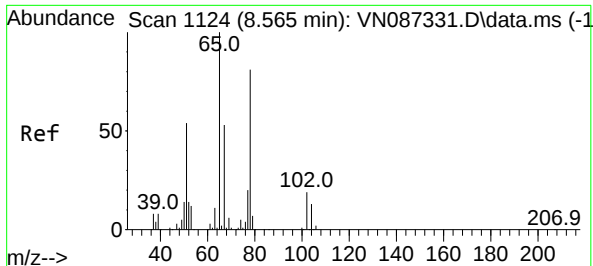
Ion Ratio Lower Upper

97 100

99 65.0 51.8 77.8

61 49.1 38.7 58.1





#33

1,2-Dichloroethane-d4

Concen: 58.193 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. 0.000 min

Lab File: VN087593.D

Acq: 15 Aug 2025 19:17

Instrument :

MSVOA_N

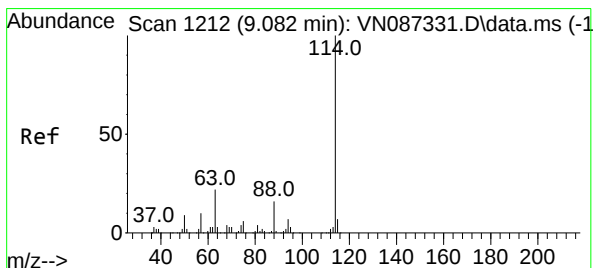
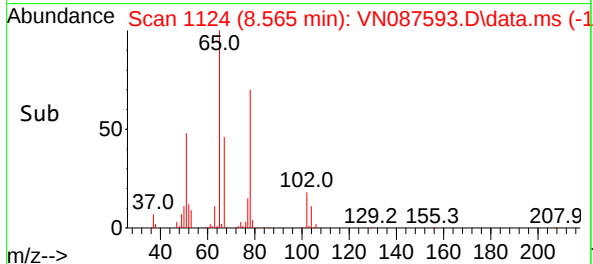
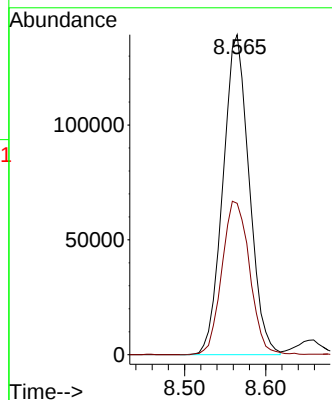
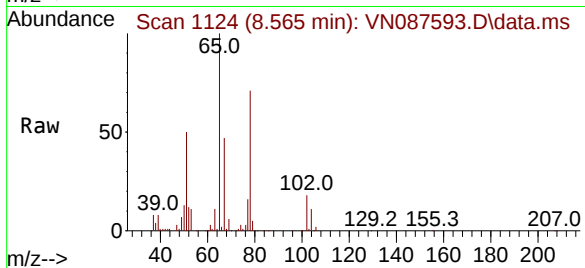
ClientSampleId :

Tgt Ion: 65 Resp: 312372

Ion Ratio Lower Upper

65 100

67 50.8 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN087593.D

Acq: 15 Aug 2025 19:17

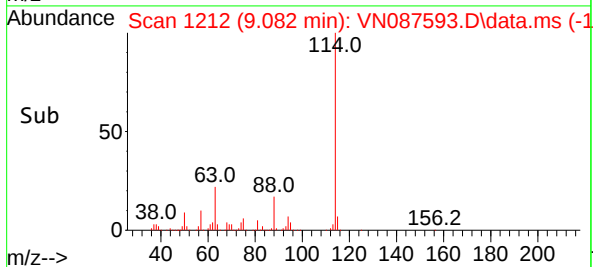
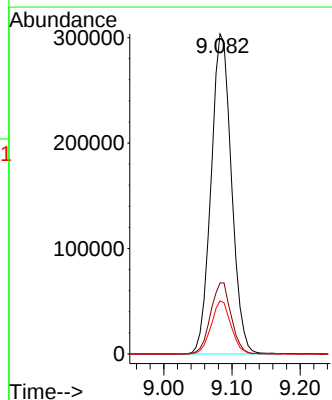
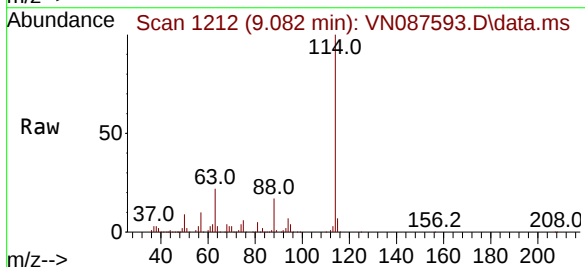
Tgt Ion: 114 Resp: 633002

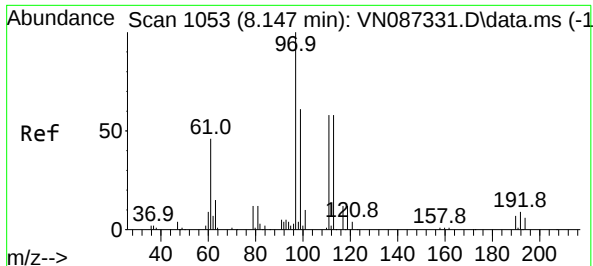
Ion Ratio Lower Upper

114 100

63 22.2 0.0 44.6

88 16.5 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.238 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.006 min

Lab File: VN087593.D

Acq: 15 Aug 2025 19:17

Instrument :

MSVOA_N

ClientSampleId :

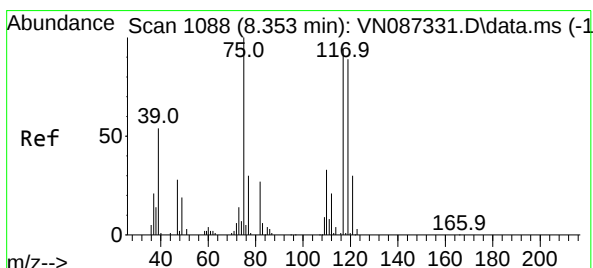
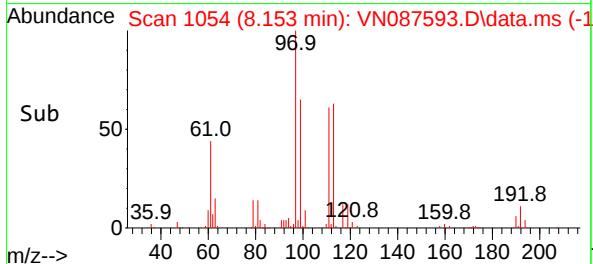
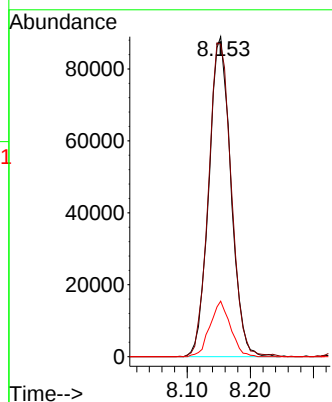
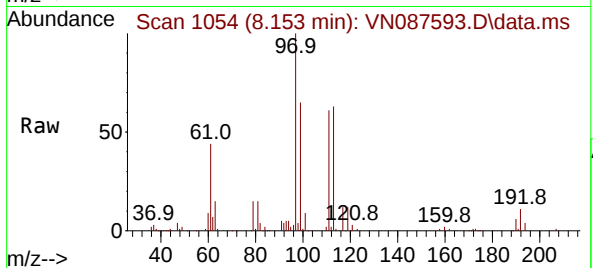
Tgt Ion:113 Resp: 214997

Ion Ratio Lower Upper

113 100

111 101.6 82.5 123.7

192 16.2 13.7 20.5



#36

1,1-Dichloropropene

Concen: 47.575 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VN087593.D

Acq: 15 Aug 2025 19:17

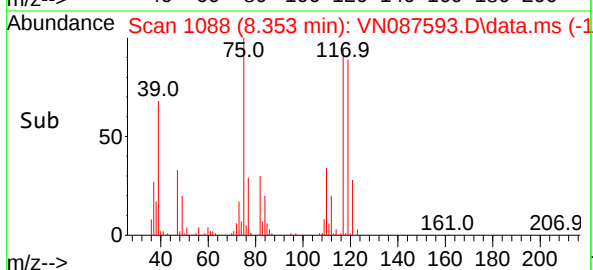
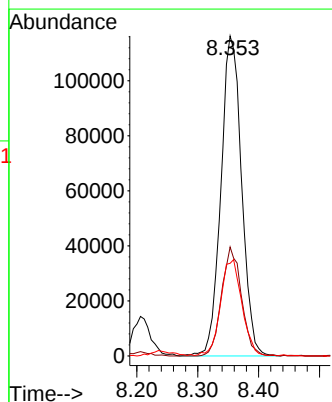
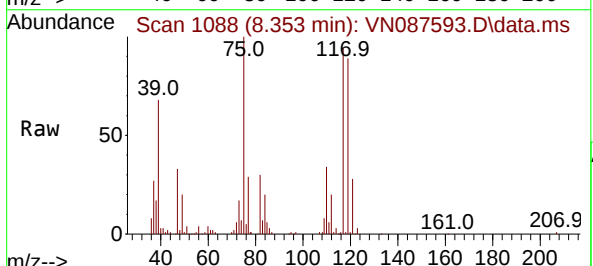
Tgt Ion: 75 Resp: 274451

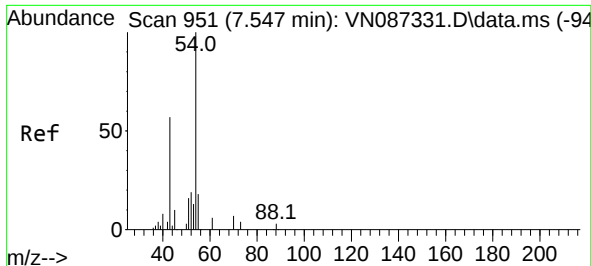
Ion Ratio Lower Upper

75 100

110 32.8 16.7 50.1

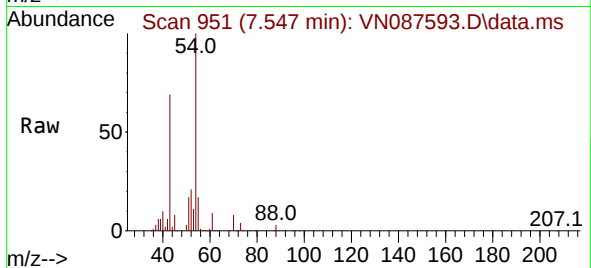
77 31.2 25.2 37.8



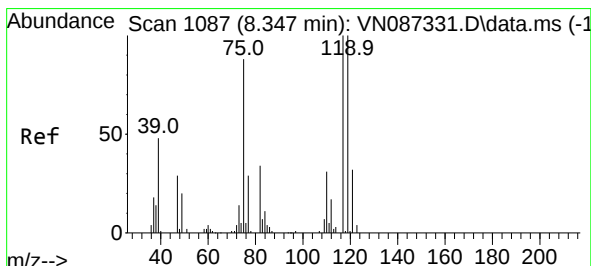
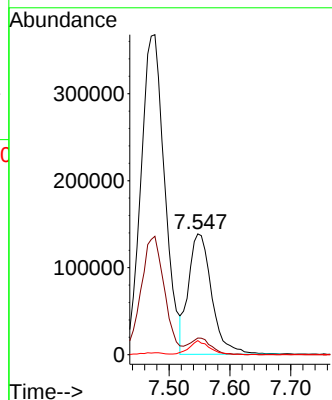
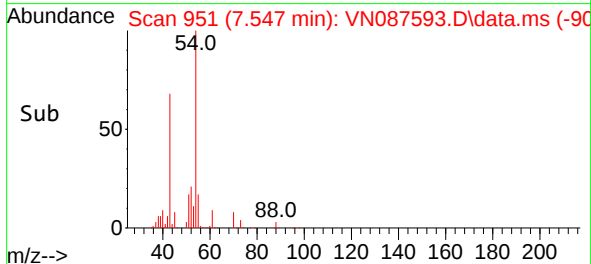


#37
Ethyl Acetate
Concen: 43.931 ug/l
RT: 7.547 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

Instrument :
MSVOA_N
ClientSampleId :

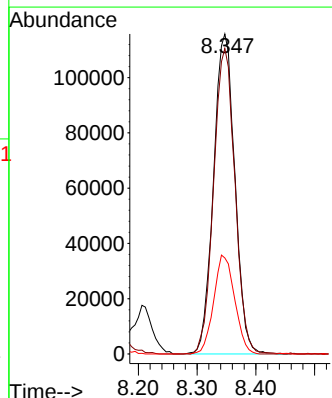
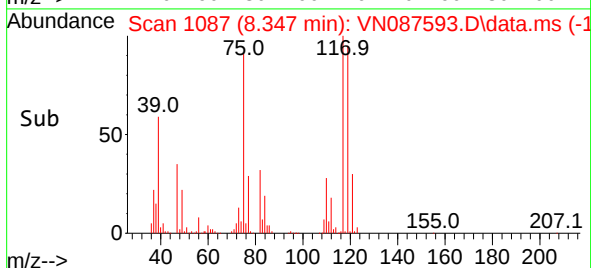
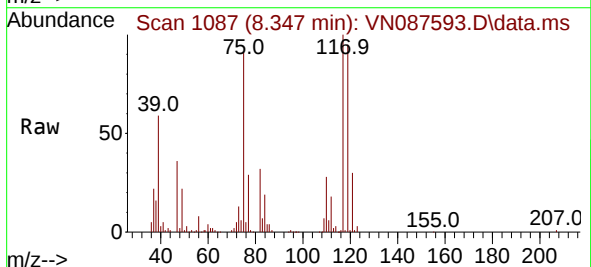


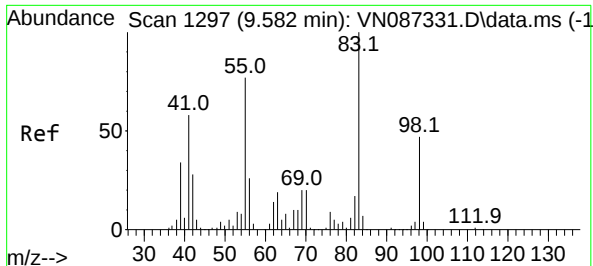
Tgt Ion: 43 Resp: 366011
Ion Ratio Lower Upper
43 100
61 12.9 10.9 16.3
70 10.2 7.4 11.0



#38
Carbon Tetrachloride
Concen: 45.858 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

Tgt Ion: 117 Resp: 291423
Ion Ratio Lower Upper
117 100
119 95.5 80.2 120.2
121 30.0 25.4 38.2





#39

Methylcyclohexane

Concen: 47.475 ug/l

RT: 9.582 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN087593.D

Acq: 15 Aug 2025 19:17

Instrument :

MSVOA_N

ClientSampleId :

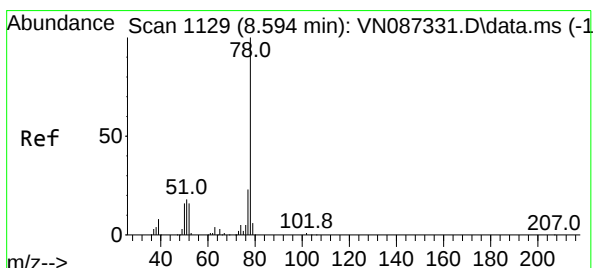
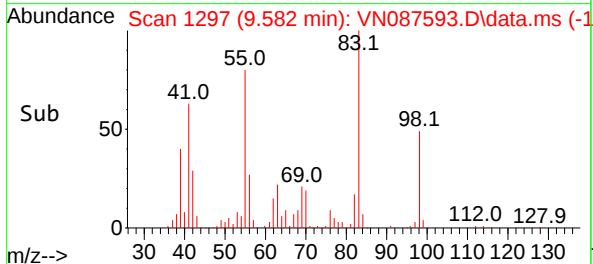
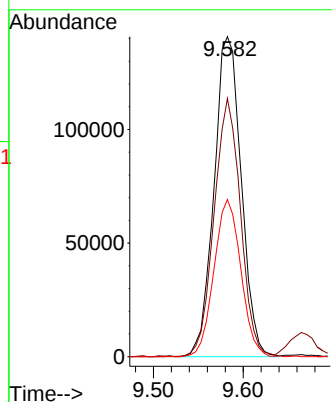
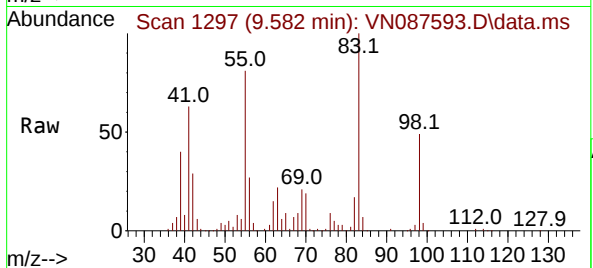
Tgt Ion: 83 Resp: 296511

Ion Ratio Lower Upper

83 100

55 80.5 61.3 91.9

98 49.1 37.9 56.9



#40

Benzene

Concen: 47.264 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN087593.D

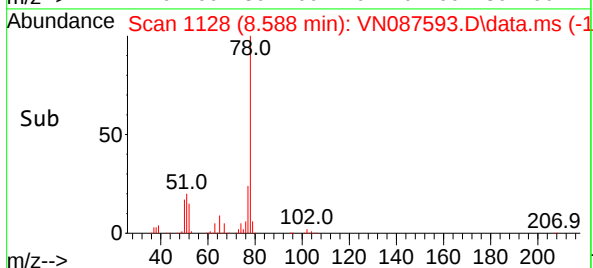
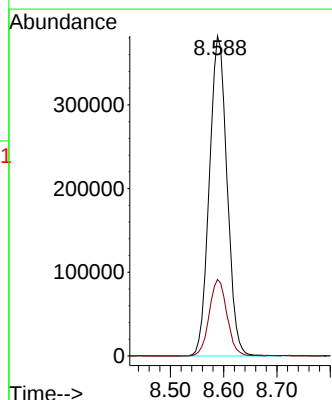
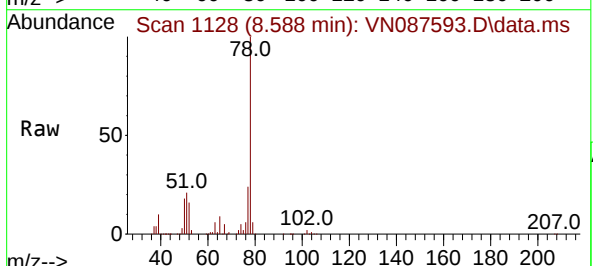
Acq: 15 Aug 2025 19:17

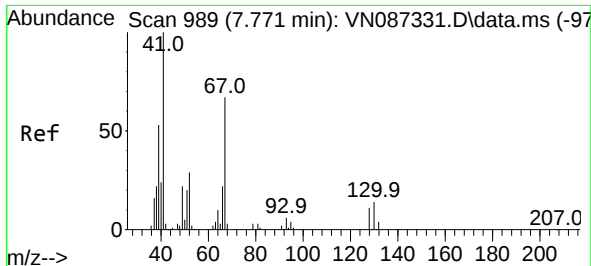
Tgt Ion: 78 Resp: 881228

Ion Ratio Lower Upper

78 100

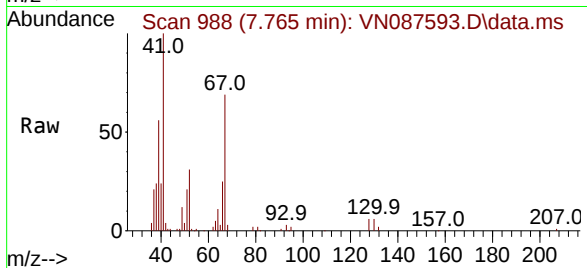
77 23.9 18.2 27.2



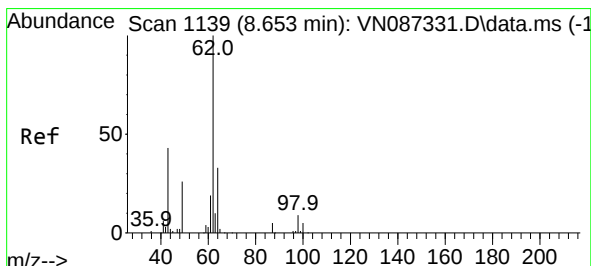
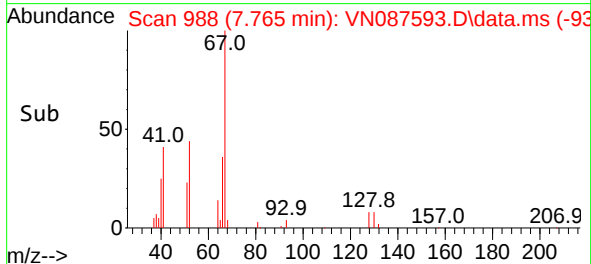
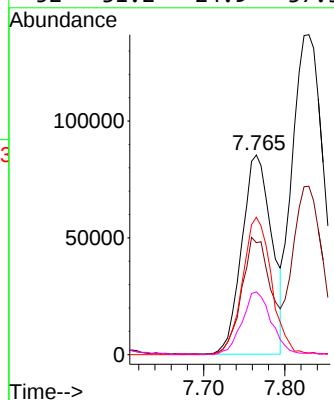


#41
Methacrylonitrile
Concen: 50.183 ug/l
RT: 7.765 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

Instrument :
MSVOA_N
ClientSampleId :

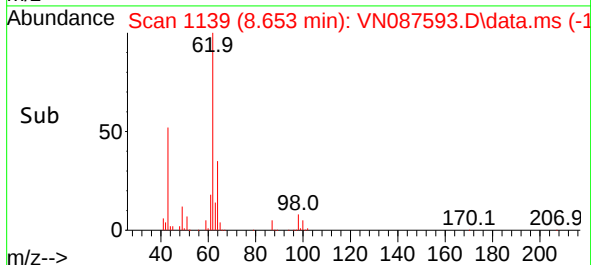
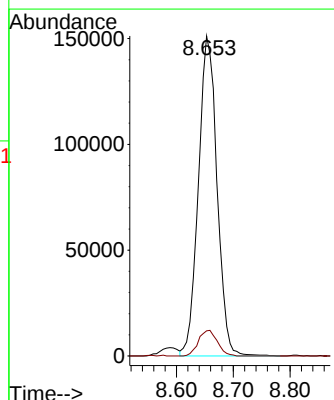
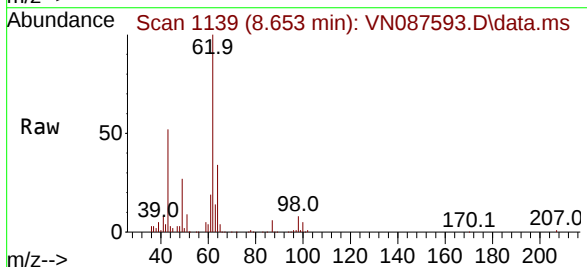


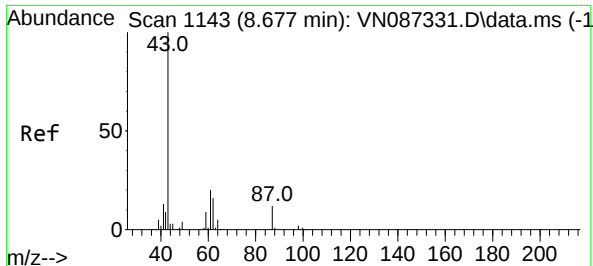
Tgt Ion: 41 Resp: 218617
Ion Ratio Lower Upper
41 100
39 57.0 43.4 65.0
67 67.6 55.1 82.7
52 31.2 24.9 37.3



#42
1,2-Dichloroethane
Concen: 48.721 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

Tgt Ion: 62 Resp: 344487
Ion Ratio Lower Upper
62 100
98 8.2 0.0 18.0

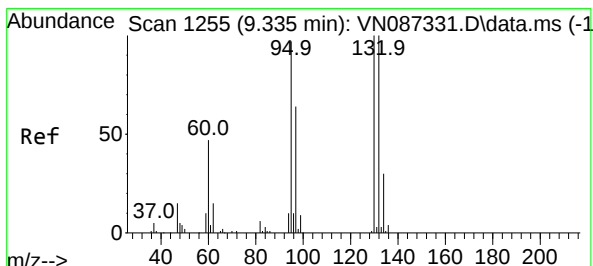
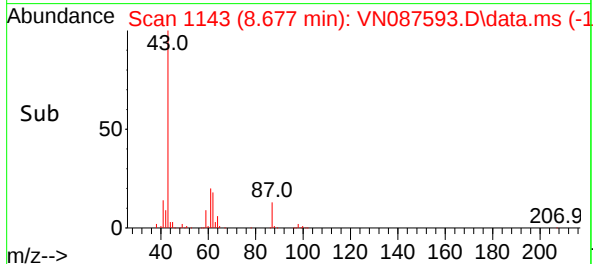
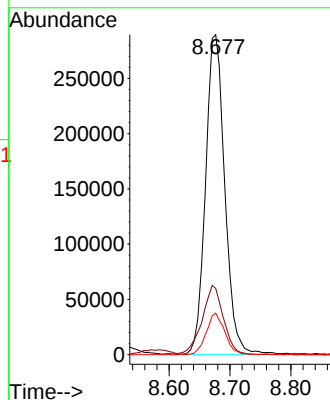
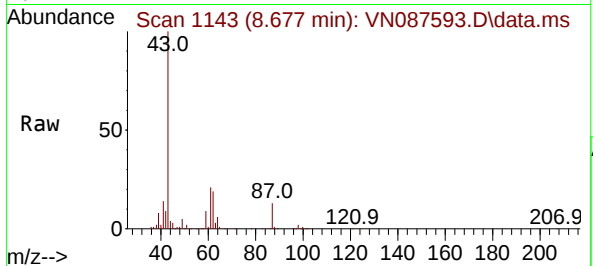




#43
Isopropyl Acetate
Concen: 49.132 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

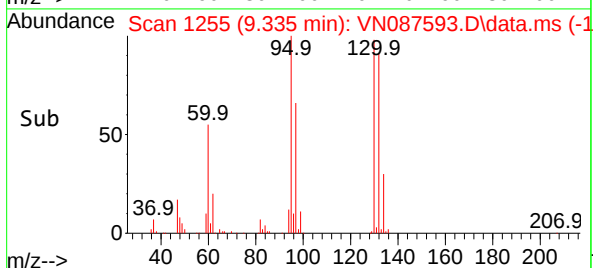
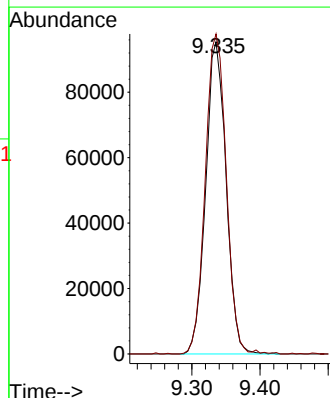
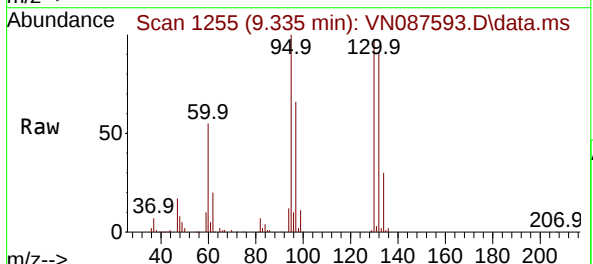
Instrument :
MSVOA_N
ClientSampleId :

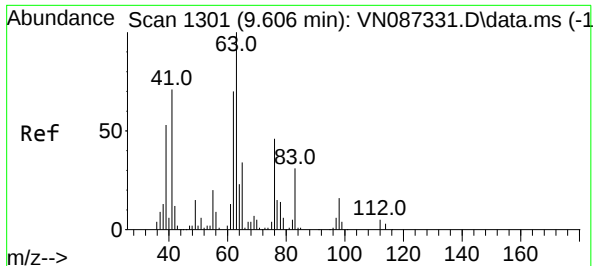
Tgt Ion: 43 Resp: 635441
Ion Ratio Lower Upper
43 100
61 24.1 19.8 29.8
87 12.5 9.8 14.6



#44
Trichloroethene
Concen: 45.073 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

Tgt Ion:130 Resp: 198572
Ion Ratio Lower Upper
130 100
95 102.5 0.0 195.2





#45

1,2-Dichloropropane

Concen: 46.088 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. -0.000 min

Lab File: VN087593.D

Acq: 15 Aug 2025 19:17

Instrument :

MSVOA_N

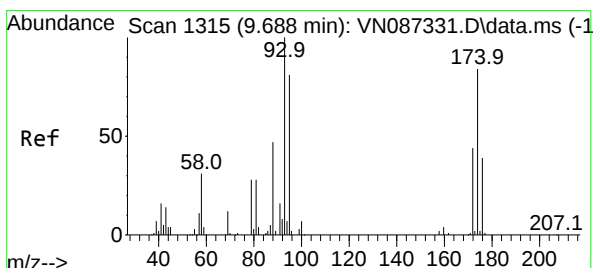
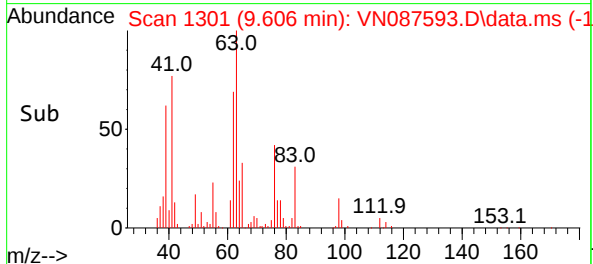
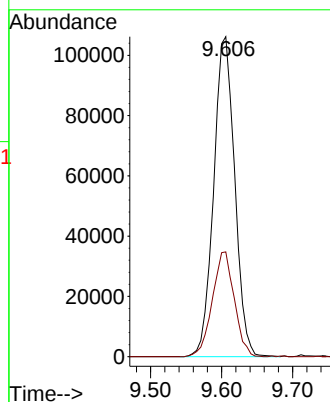
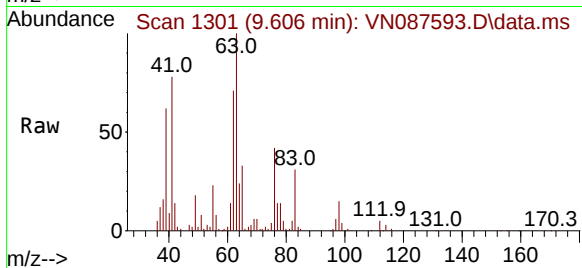
ClientSampleId :

Tgt Ion: 63 Resp: 218341

Ion Ratio Lower Upper

63 100

65 32.7 27.0 40.4



#46

Dibromomethane

Concen: 47.245 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN087593.D

Acq: 15 Aug 2025 19:17

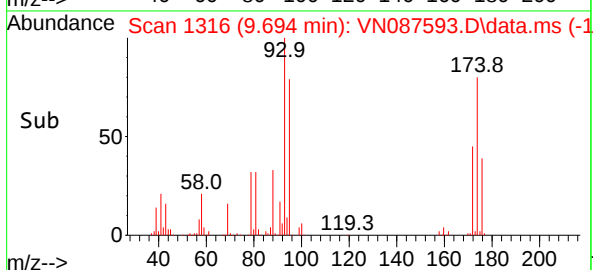
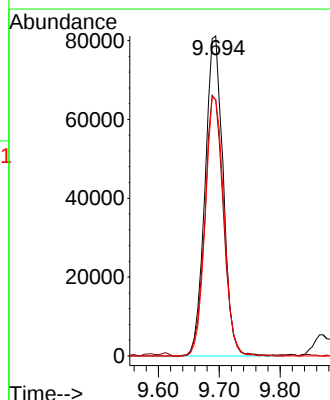
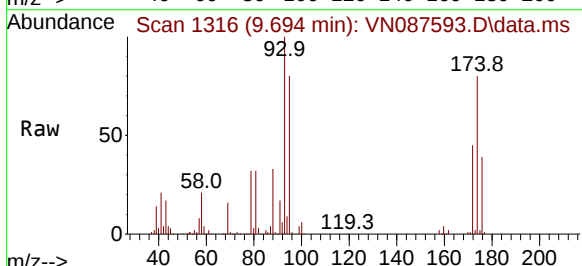
Tgt Ion: 93 Resp: 167579

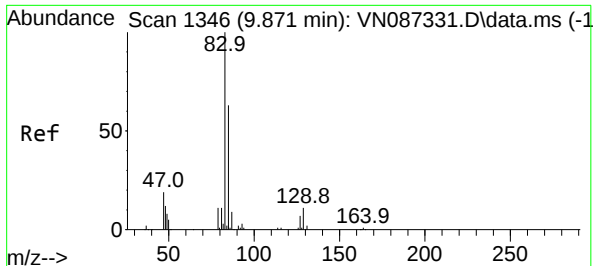
Ion Ratio Lower Upper

93 100

95 83.3 65.8 98.8

174 83.2 69.9 104.9

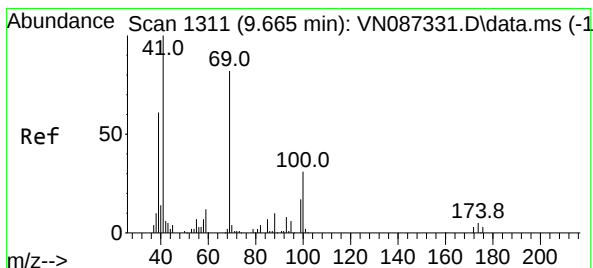
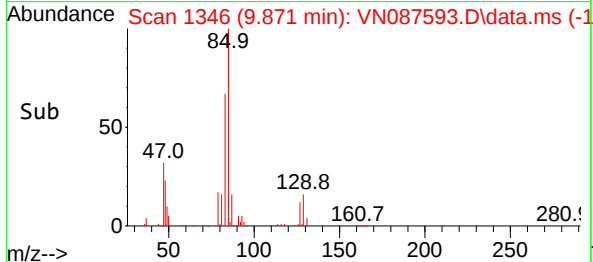
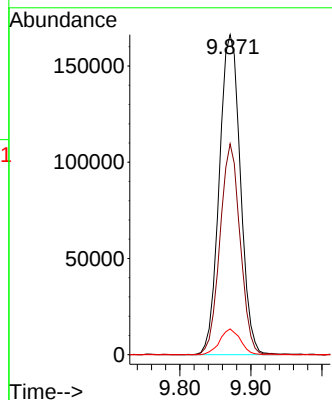
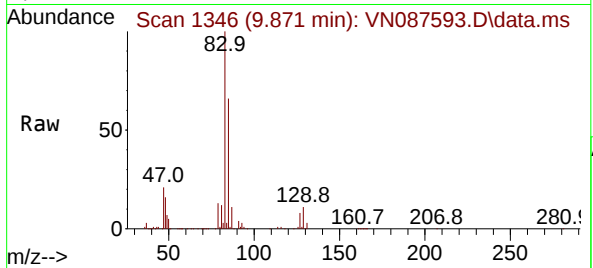




#47
Bromodichloromethane
Concen: 47.840 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. 0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

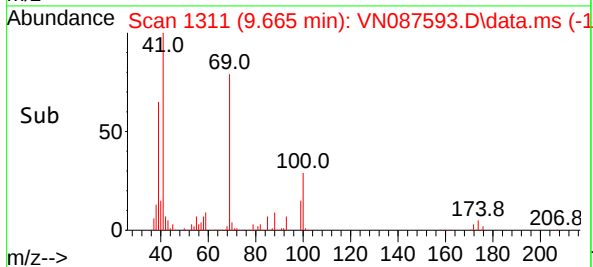
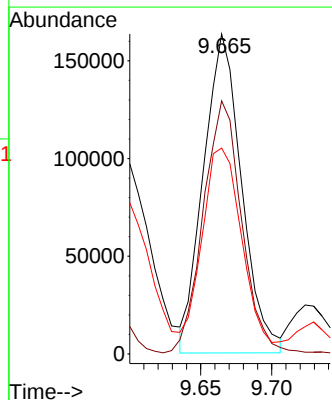
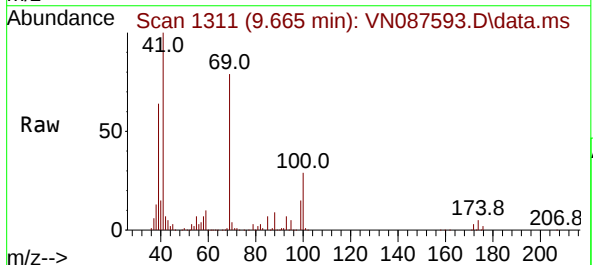
Instrument :
MSVOA_N
ClientSampleId :

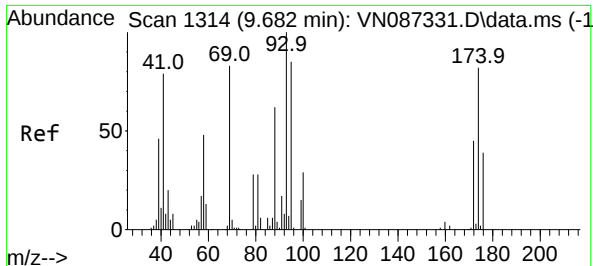
Tgt Ion: 83 Resp: 341805
Ion Ratio Lower Upper
83 100
85 65.9 50.4 75.6
127 8.1 5.8 8.8



#48
Methyl methacrylate
Concen: 52.366 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

Tgt Ion: 41 Resp: 304901
Ion Ratio Lower Upper
41 100
69 80.1 64.1 96.1
39 68.7 45.5 68.3





#49

1,4-Dioxane

Concen: 921.675 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VN087593.D

Acq: 15 Aug 2025 19:17

Instrument :

MSVOA_N

ClientSampleId :

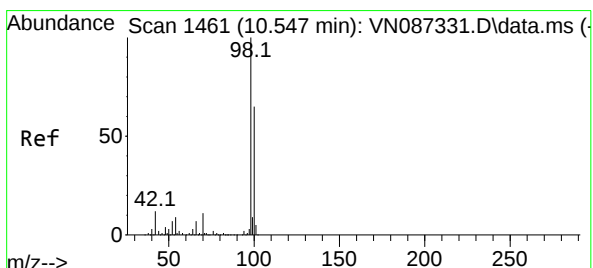
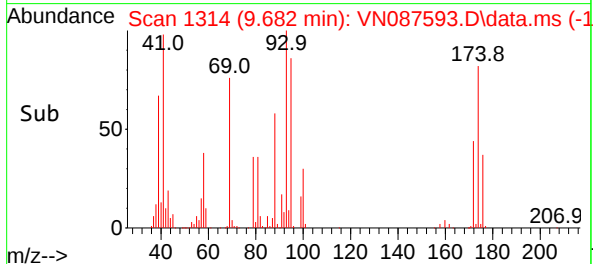
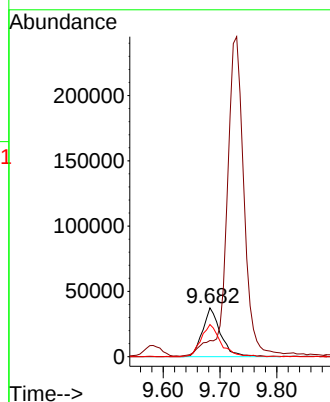
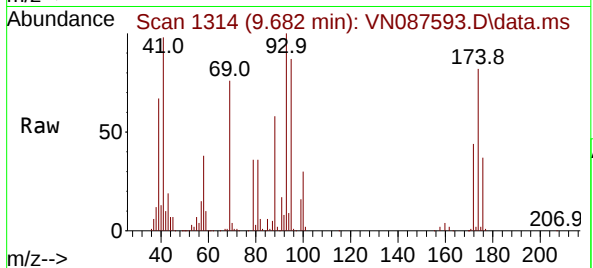
Tgt Ion: 88 Resp: 82193

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 72.1 61.1 91.7



#50

Toluene-d8

Concen: 48.651 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VN087593.D

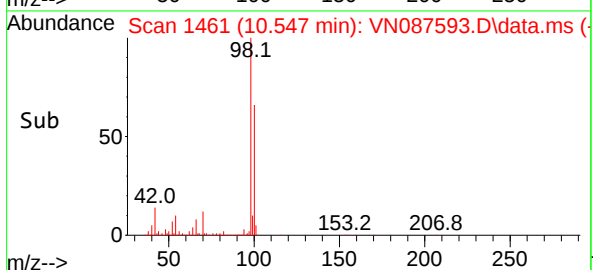
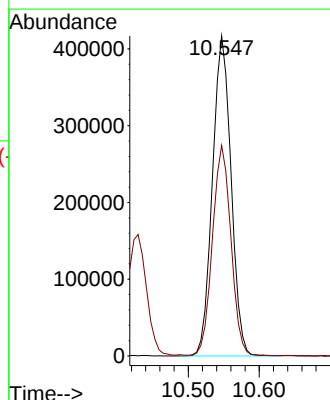
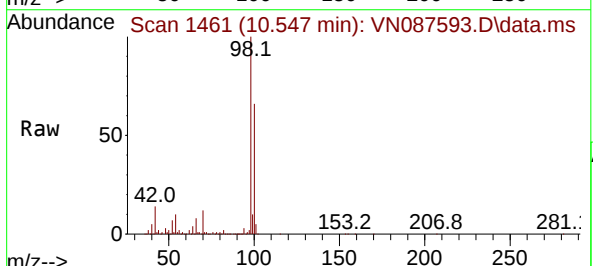
Acq: 15 Aug 2025 19:17

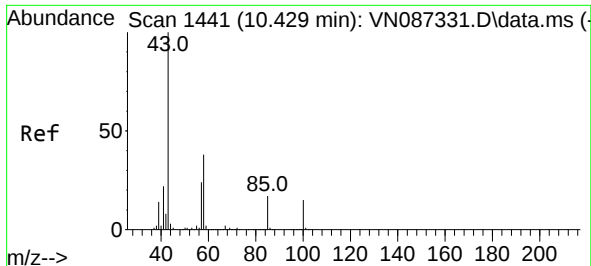
Tgt Ion: 98 Resp: 757769

Ion Ratio Lower Upper

98 100

100 65.2 52.1 78.1

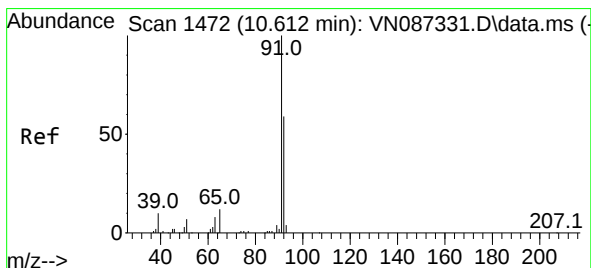
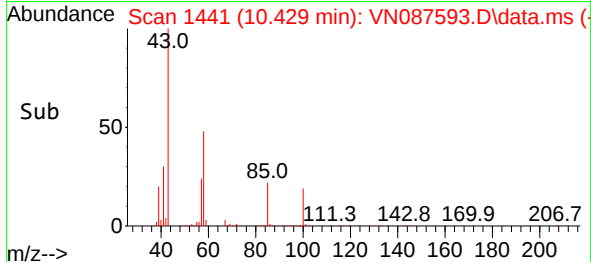
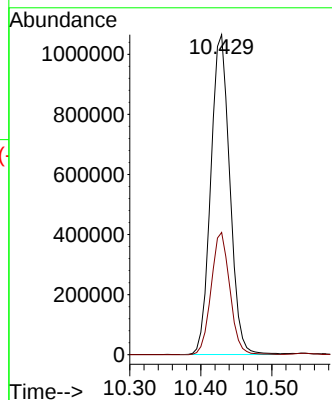
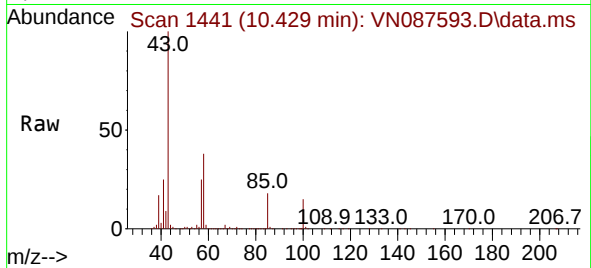




#51
4-Methyl-2-Pentanone
Concen: 241.884 ug/l
RT: 10.429 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

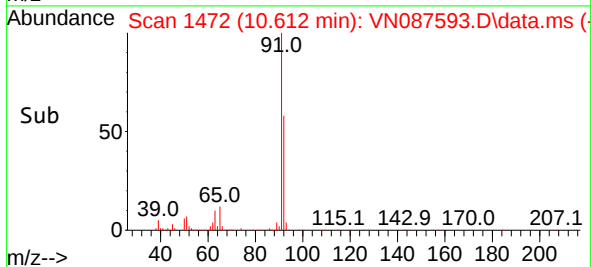
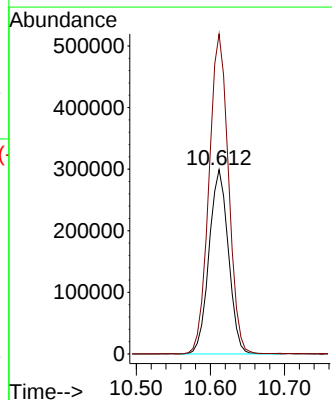
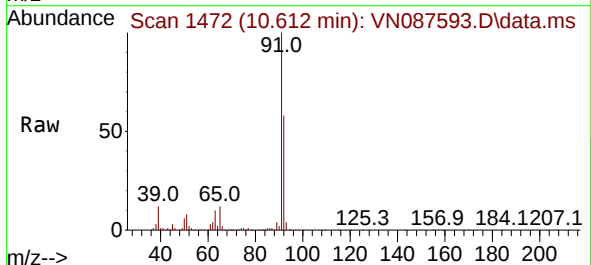
Instrument :
MSVOA_N
ClientSampleId :

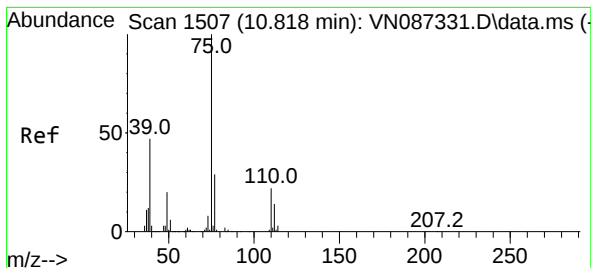
Tgt Ion: 43 Resp: 1978636
Ion Ratio Lower Upper
43 100
58 37.6 30.8 46.2



#52
Toluene
Concen: 47.835 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

Tgt Ion: 92 Resp: 542102
Ion Ratio Lower Upper
92 100
91 174.8 135.1 202.7

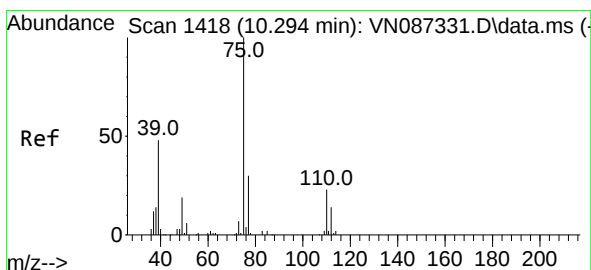
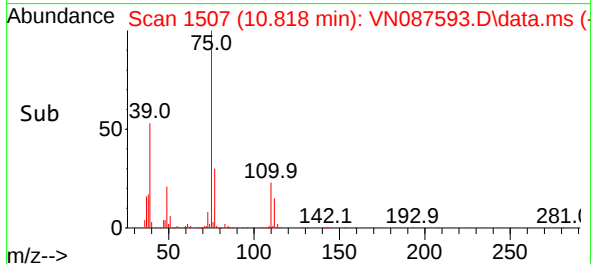
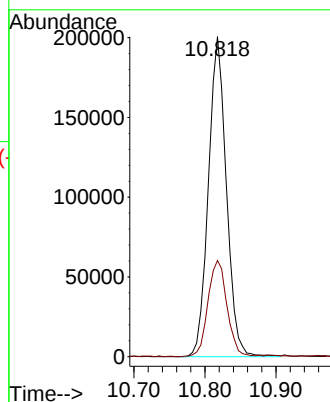
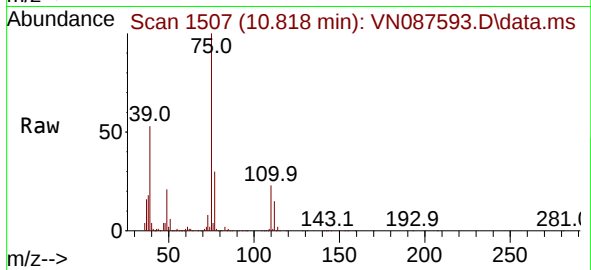




#53
t-1,3-Dichloropropene
Concen: 48.823 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

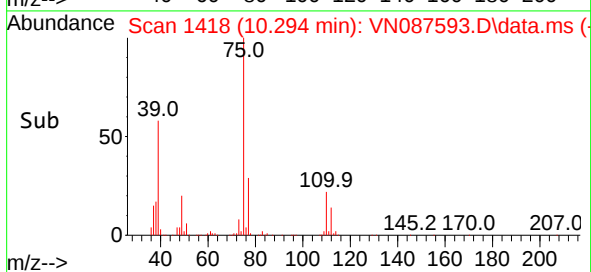
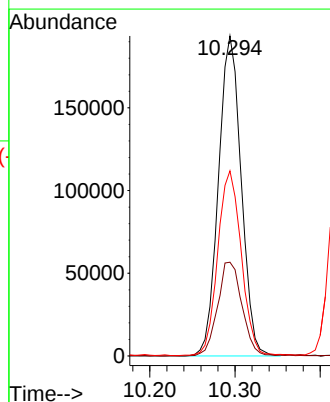
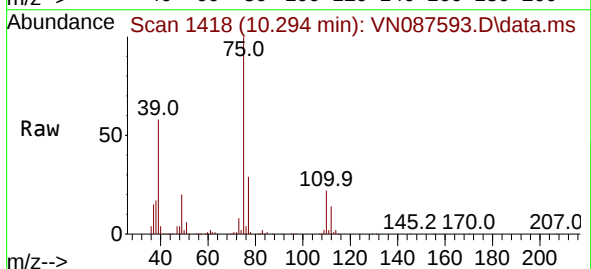
Instrument :
MSVOA_N
ClientSampleId :

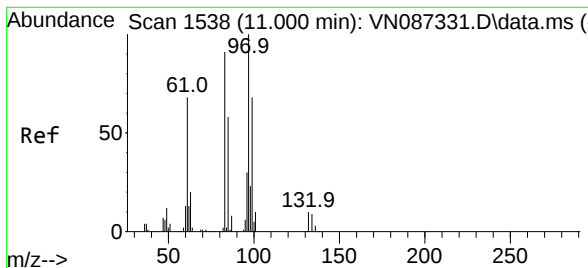
Tgt Ion: 75 Resp: 353025
Ion Ratio Lower Upper
75 100
77 30.1 23.6 35.4



#54
cis-1,3-Dichloropropene
Concen: 48.115 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

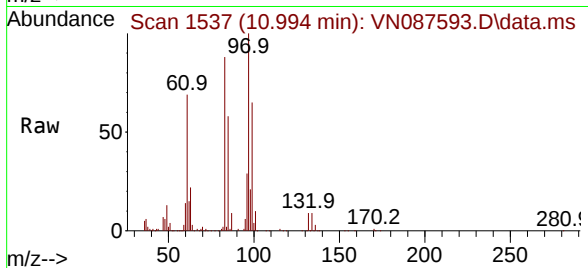
Tgt Ion: 75 Resp: 359369
Ion Ratio Lower Upper
75 100
77 29.3 24.2 36.2
39 57.7 38.4 57.6#





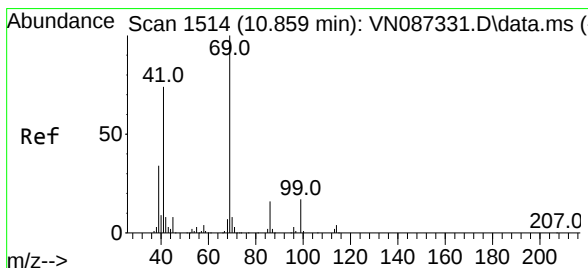
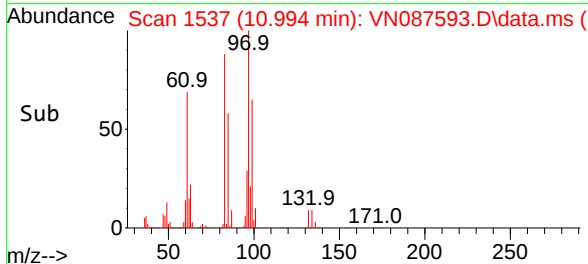
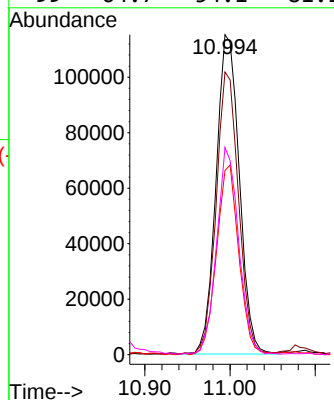
#55
1,1,2-Trichloroethane
Concen: 47.608 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.006 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 97 Resp: 218430

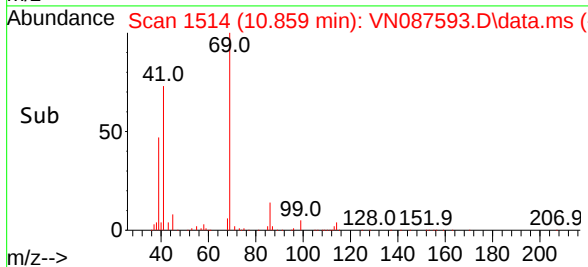
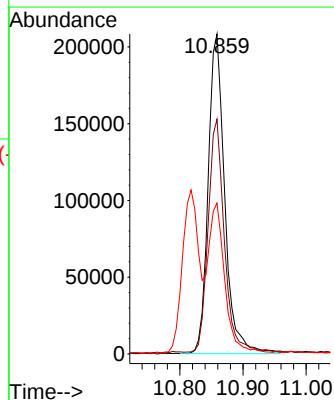
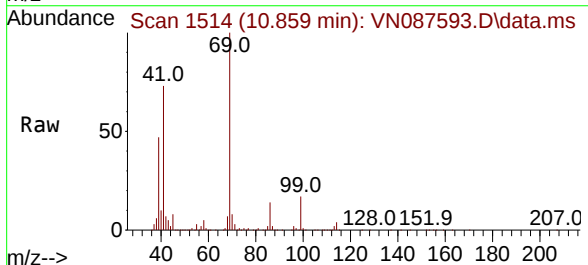
Ion	Ratio	Lower	Upper
97	100		
83	88.3	72.6	109.0
85	57.4	46.7	70.1
99	64.7	54.1	81.1

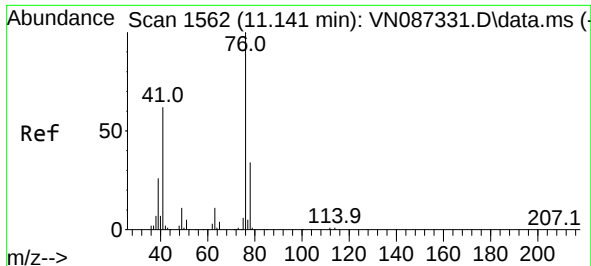


#56
Ethyl methacrylate
Concen: 49.215 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

Tgt Ion: 69 Resp: 379344

Ion	Ratio	Lower	Upper
69	100		
41	70.9	55.1	82.7
39	47.2	27.9	41.9





#57

1,3-Dichloropropane

Concen: 49.043 ug/l

RT: 11.141 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087593.D

Acq: 15 Aug 2025 19:17

Instrument :

MSVOA_N

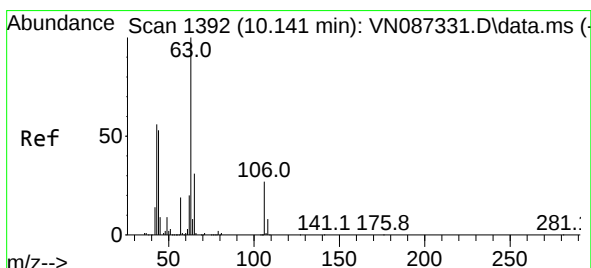
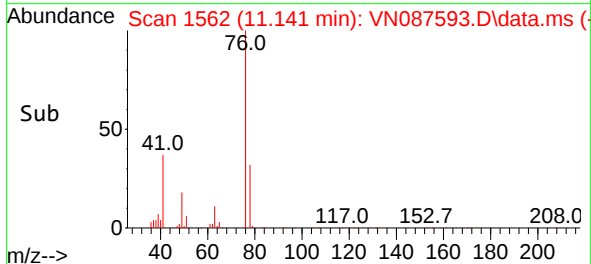
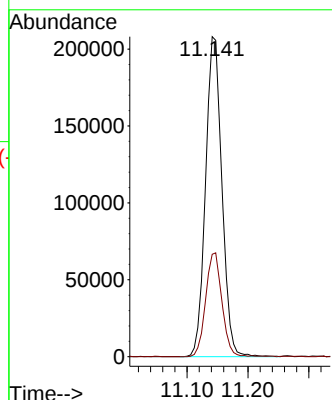
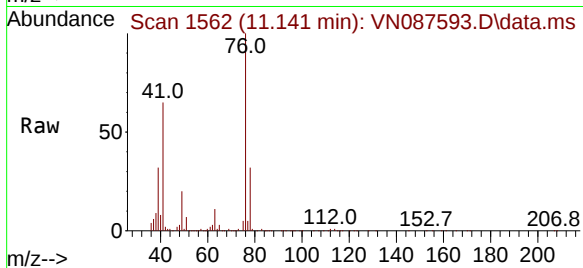
ClientSampleId :

Tgt Ion: 76 Resp: 389041

Ion Ratio Lower Upper

76 100

78 32.4 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 268.913 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VN087593.D

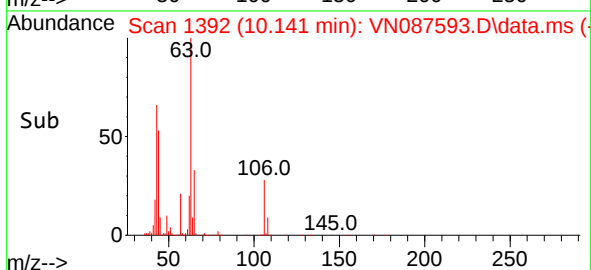
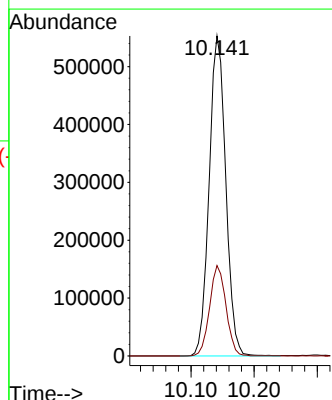
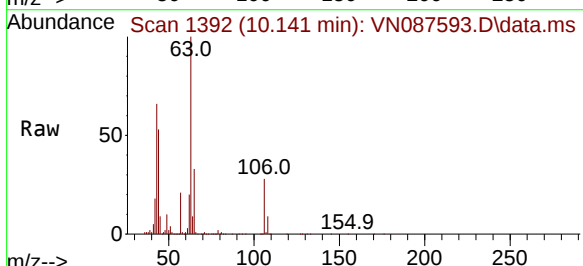
Acq: 15 Aug 2025 19:17

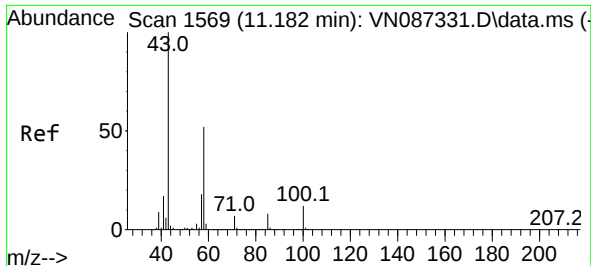
Tgt Ion: 63 Resp: 1012104

Ion Ratio Lower Upper

63 100

106 27.8 21.7 32.5

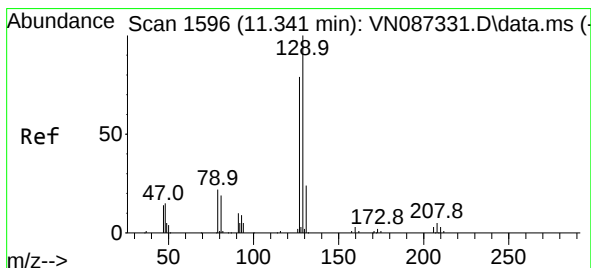
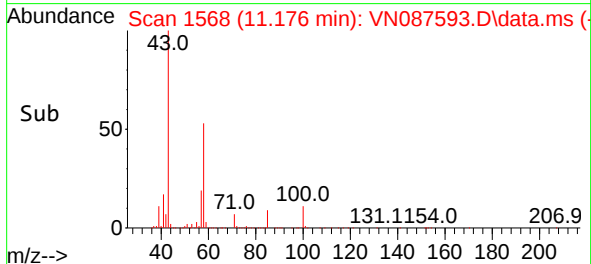
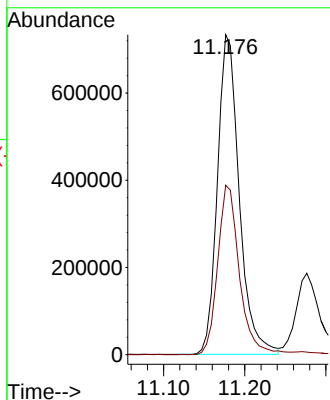
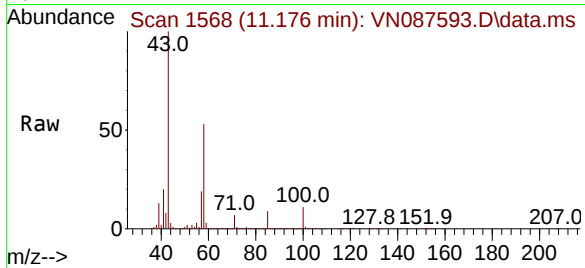




#59
2-Hexanone
Concen: 252.646 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

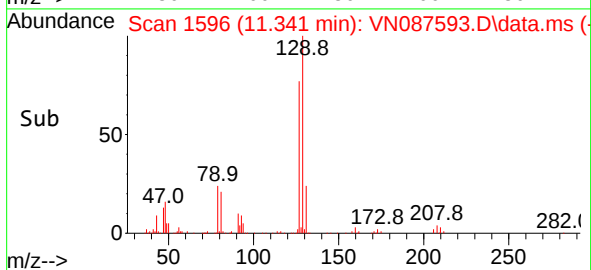
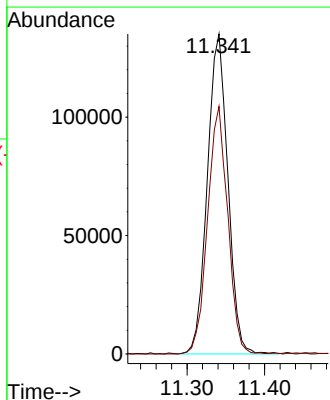
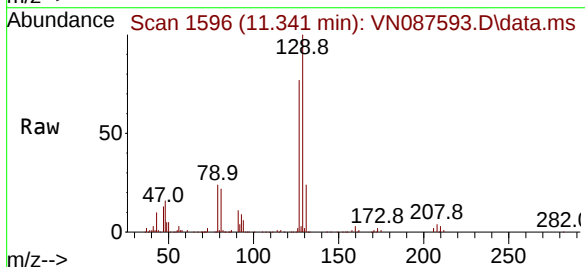
Instrument :
MSVOA_N
ClientSampleId :

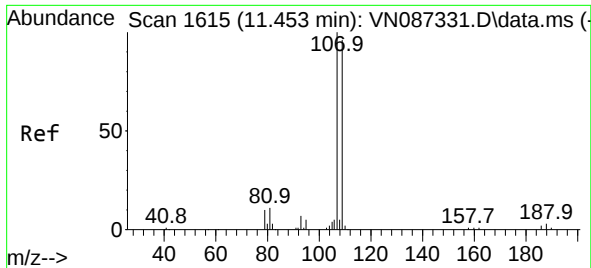
Tgt Ion: 43 Resp: 1371155
Ion Ratio Lower Upper
43 100
58 52.9 26.7 80.0



#60
Dibromochloromethane
Concen: 47.530 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

Tgt Ion:129 Resp: 248701
Ion Ratio Lower Upper
129 100
127 75.9 39.1 117.5

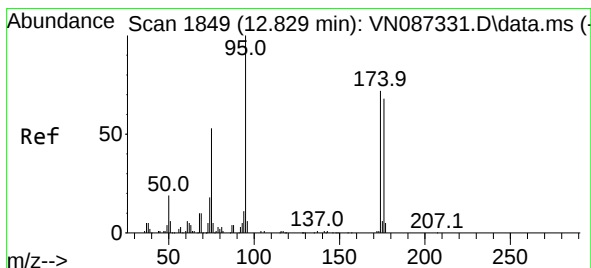
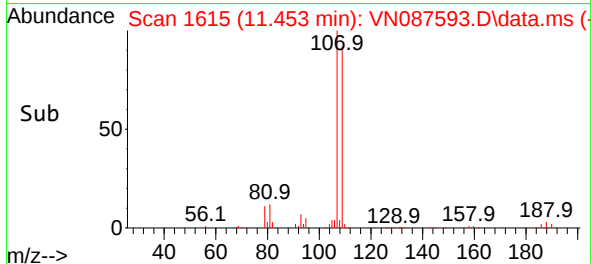
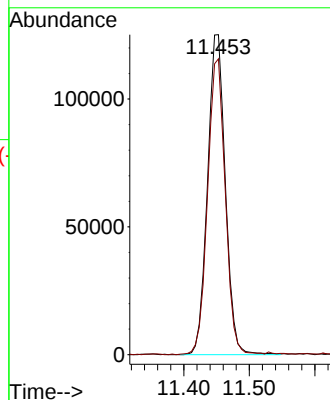
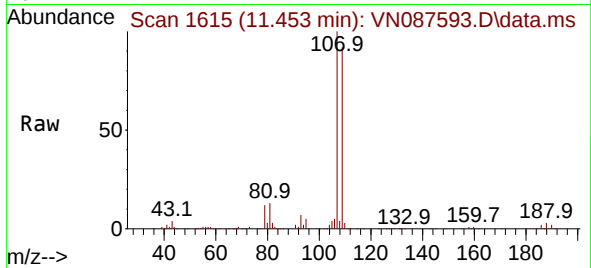




#61
1,2-Dibromoethane
Concen: 49.026 ug/l
RT: 11.453 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

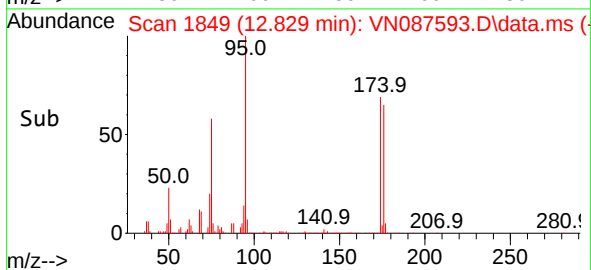
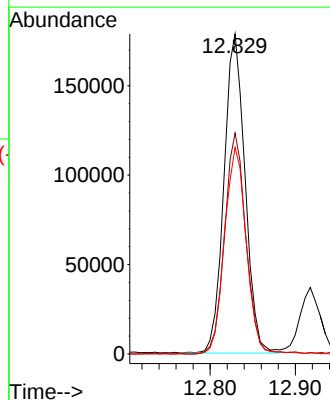
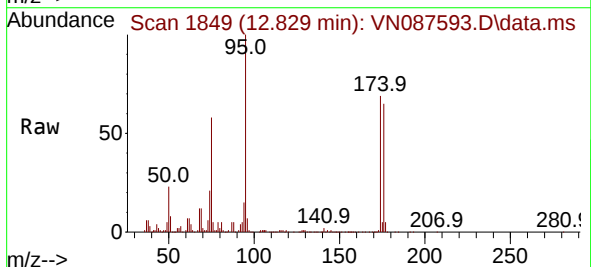
Instrument :
MSVOA_N
ClientSampleId :

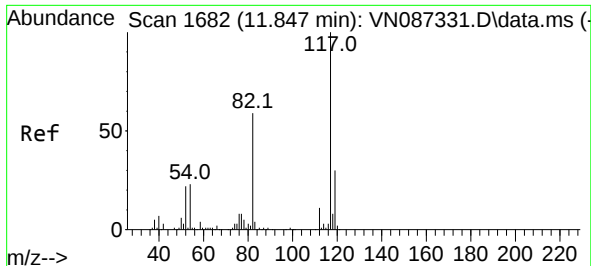
Tgt Ion:107 Resp: 236510
Ion Ratio Lower Upper
107 100
109 92.0 77.5 116.3



#62
4-Bromofluorobenzene
Concen: 53.209 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

Tgt Ion: 95 Resp: 306187
Ion Ratio Lower Upper
95 100
174 70.0 0.0 149.4
176 66.9 0.0 141.2

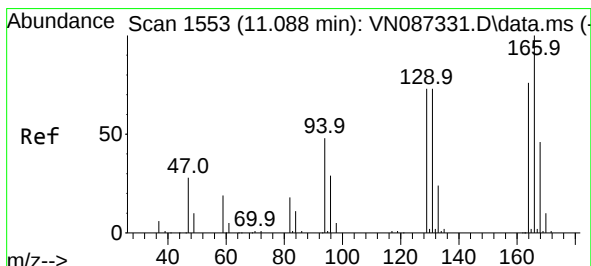
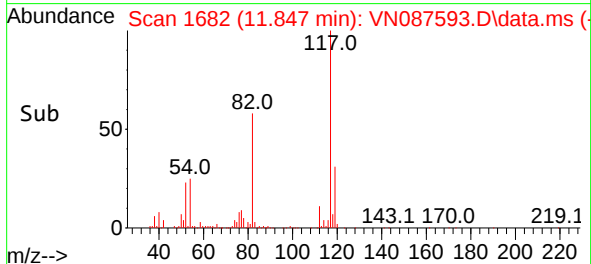
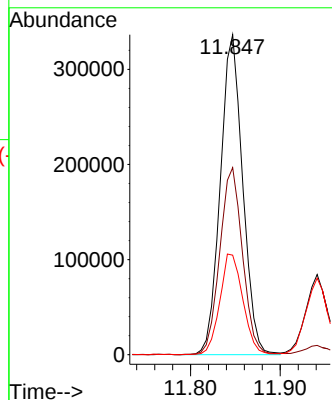
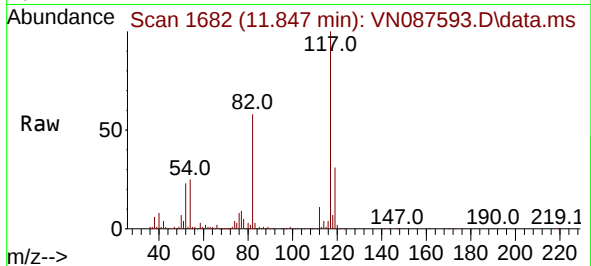




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

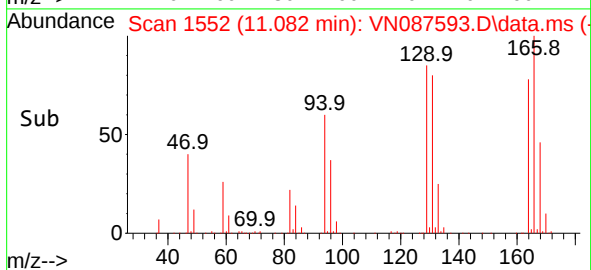
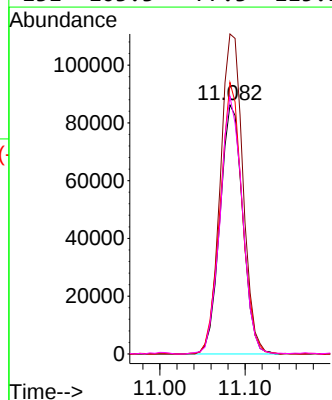
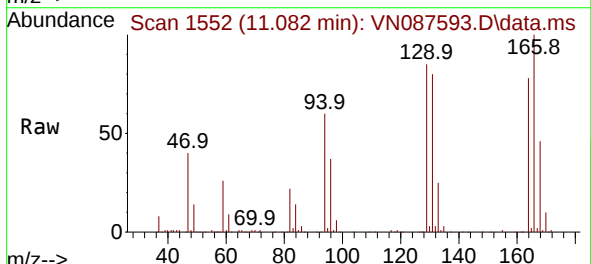
Instrument :
MSVOA_N
ClientSampleId :

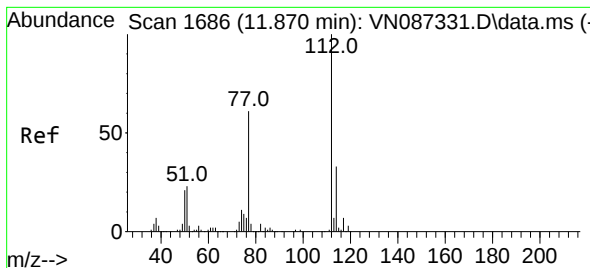
Tgt Ion:117 Resp: 582357
Ion Ratio Lower Upper
117 100
82 58.5 47.4 71.2
119 31.1 23.8 35.8



#64
Tetrachloroethene
Concen: 42.355 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.006 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

Tgt Ion:164 Resp: 158751
Ion Ratio Lower Upper
164 100
166 128.4 105.5 158.3
129 109.0 77.4 116.2
131 103.3 77.3 115.9





#65

Chlorobenzene

Concen: 46.226 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN087593.D

Acq: 15 Aug 2025 19:17

Instrument :

MSVOA_N

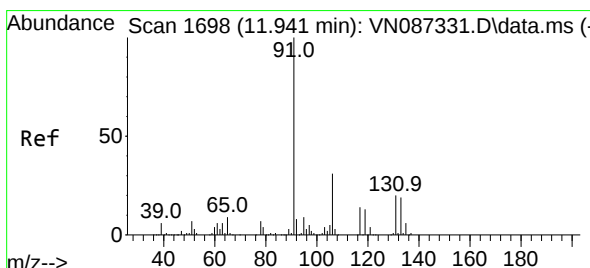
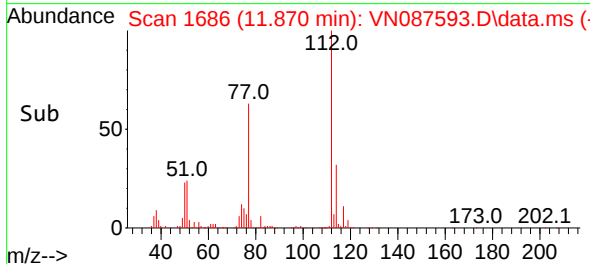
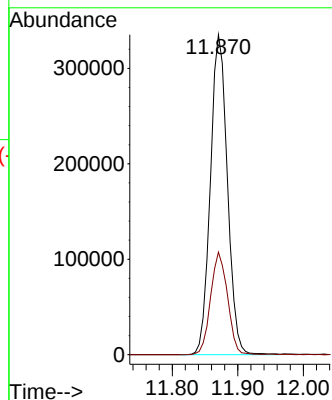
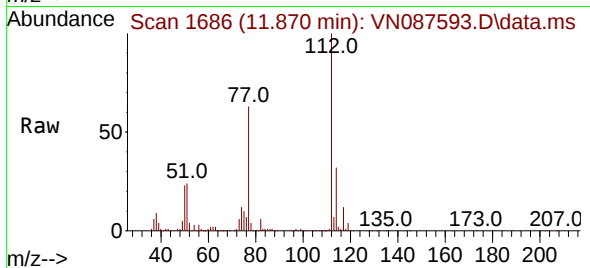
ClientSampleId :

Tgt Ion:112 Resp: 604380

Ion Ratio Lower Upper

112 100

114 32.1 26.5 39.7



#66

1,1,1,2-Tetrachloroethane

Concen: 46.850 ug/l

RT: 11.941 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VN087593.D

Acq: 15 Aug 2025 19:17

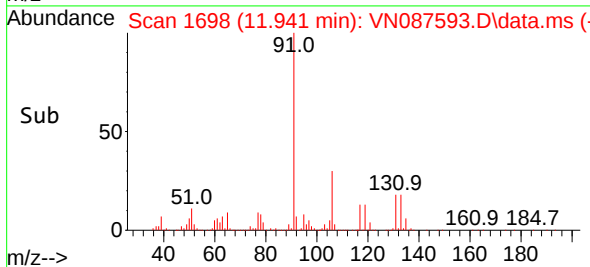
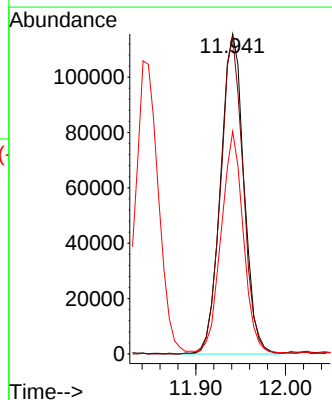
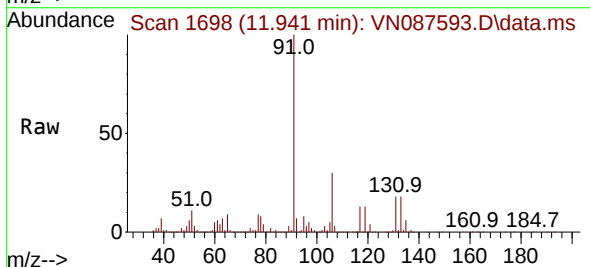
Tgt Ion:131 Resp: 208283

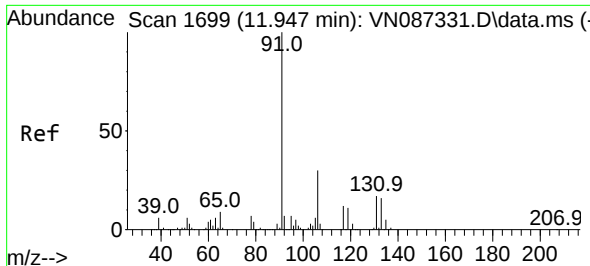
Ion Ratio Lower Upper

131 100

133 96.0 47.4 142.3

119 66.0 33.1 99.2

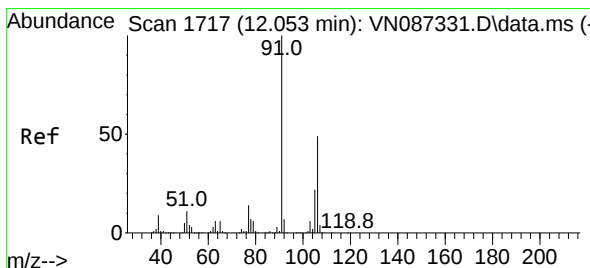
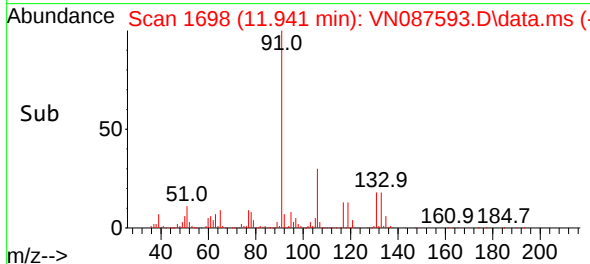
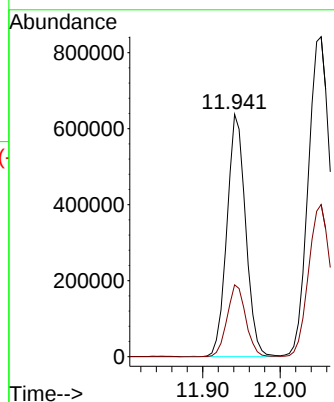
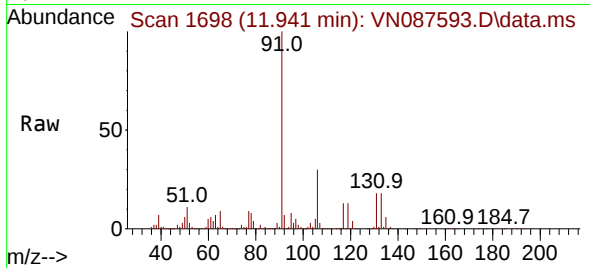




#67
Ethyl Benzene
Concen: 49.875 ug/l
RT: 11.941 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

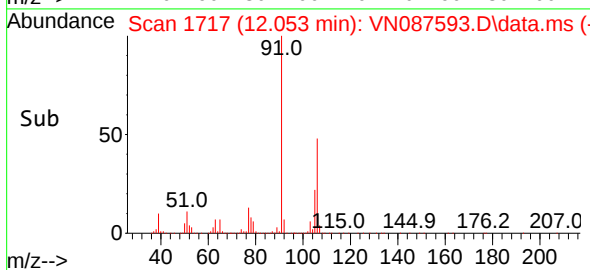
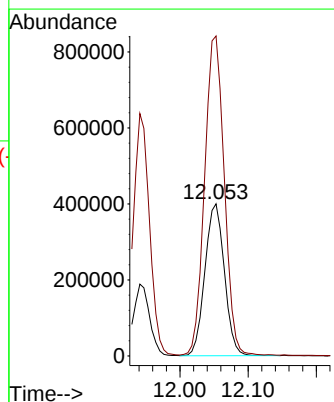
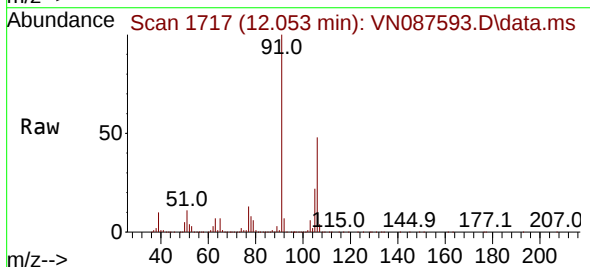
Instrument :
MSVOA_N
ClientSampleId :

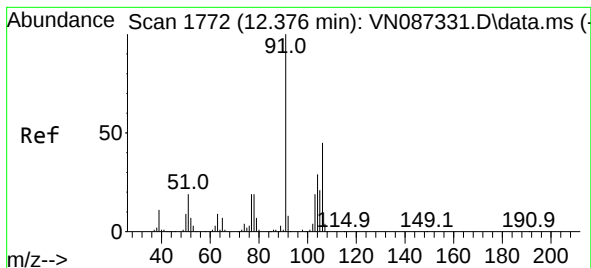
Tgt Ion: 91 Resp: 1073482
Ion Ratio Lower Upper
91 100
106 29.6 24.3 36.5



#68
m/p-Xylenes
Concen: 98.585 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

Tgt Ion:106 Resp: 794573
Ion Ratio Lower Upper
106 100
91 212.0 162.0 243.0





#69

o-Xylene

Concen: 50.698 ug/l

RT: 12.376 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VN087593.D

Acq: 15 Aug 2025 19:17

Instrument :

MSVOA_N

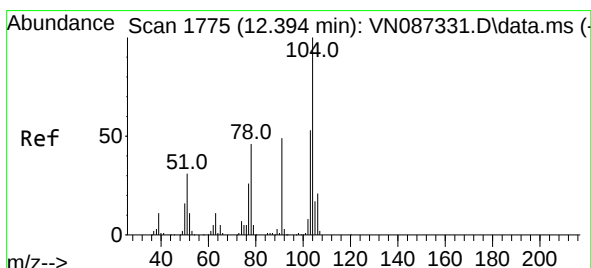
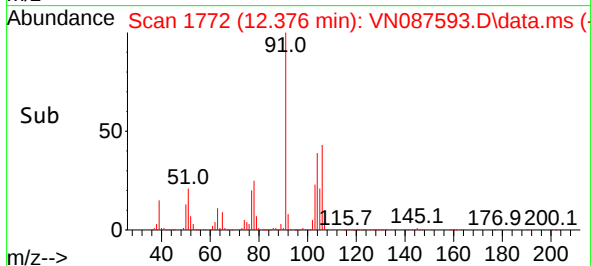
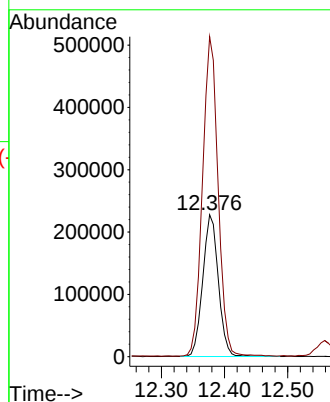
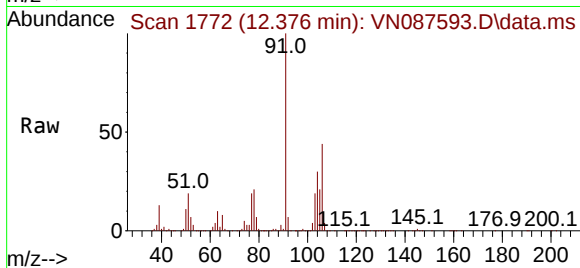
ClientSampleId :

Tgt Ion:106 Resp: 390322

Ion Ratio Lower Upper

106 100

91 225.0 107.7 323.3



#70

Styrene

Concen: 52.748 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN087593.D

Acq: 15 Aug 2025 19:17

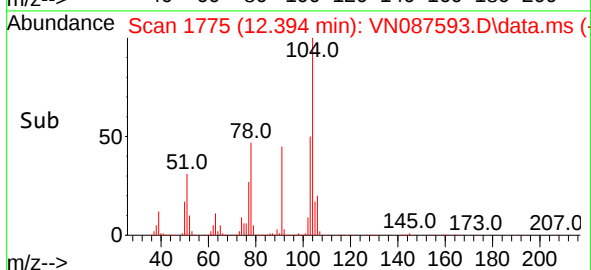
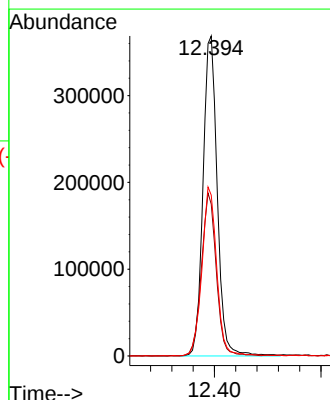
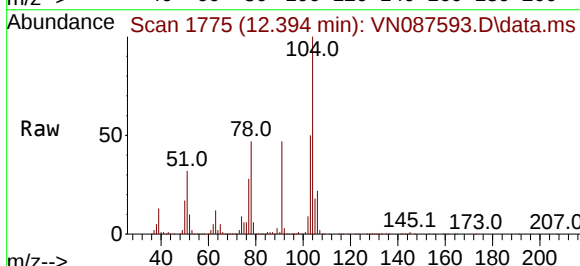
Tgt Ion:104 Resp: 683157

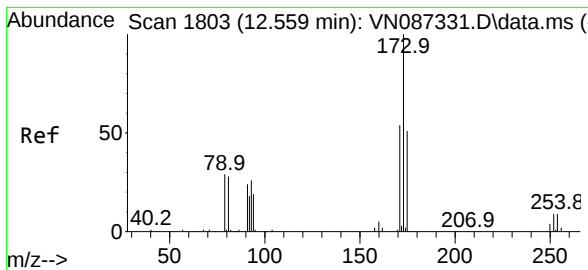
Ion Ratio Lower Upper

104 100

78 53.1 41.0 61.6

103 54.8 43.9 65.9

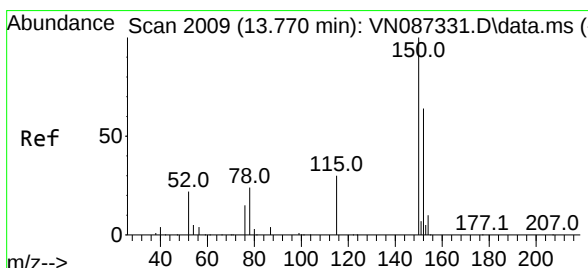
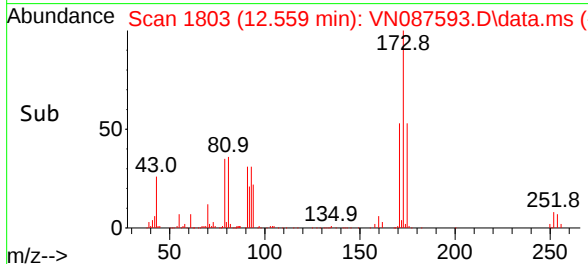
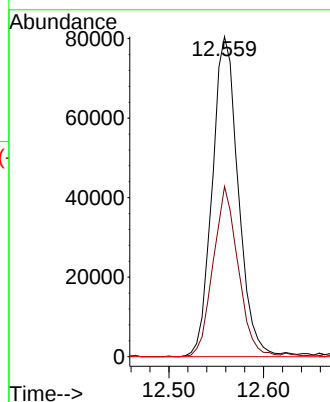
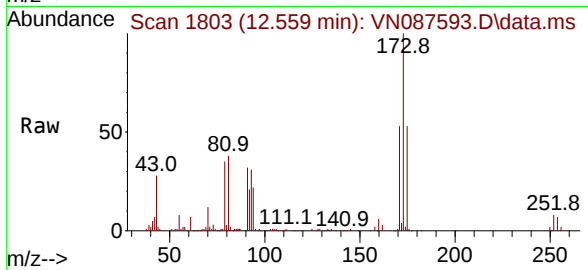




#71
Bromoform
Concen: 42.738 ug/l
RT: 12.559 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

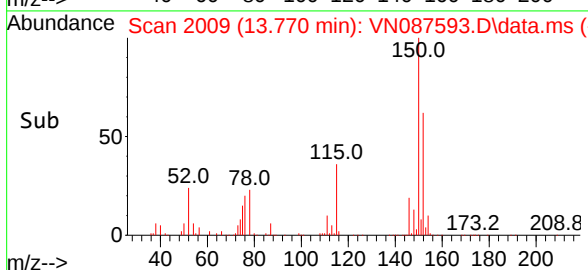
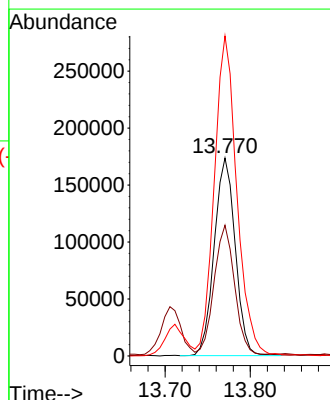
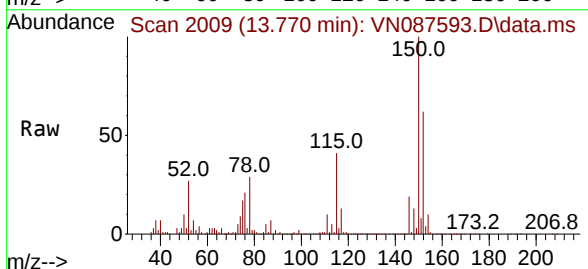
Instrument :
MSVOA_N
ClientSampleId :

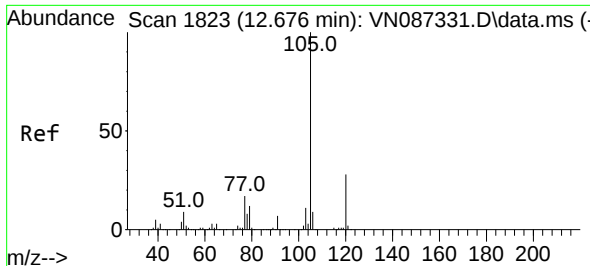
Tgt Ion:173 Resp: 153501
Ion Ratio Lower Upper
173 100
175 51.2 24.1 72.3
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

Tgt Ion:152 Resp: 297595
Ion Ratio Lower Upper
152 100
115 62.9 31.1 93.5
150 173.8 0.0 349.0

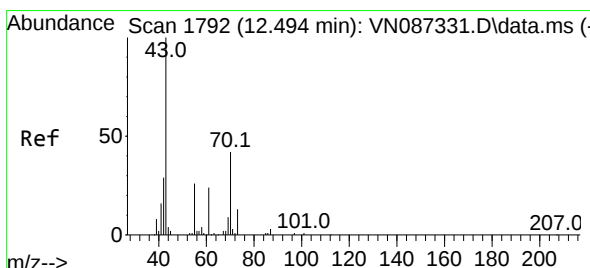
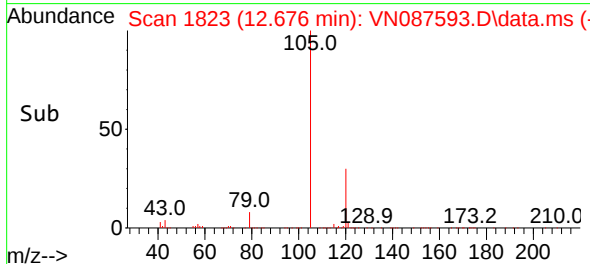
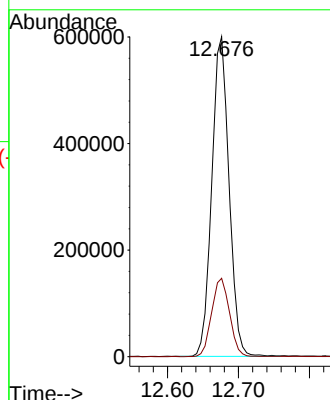
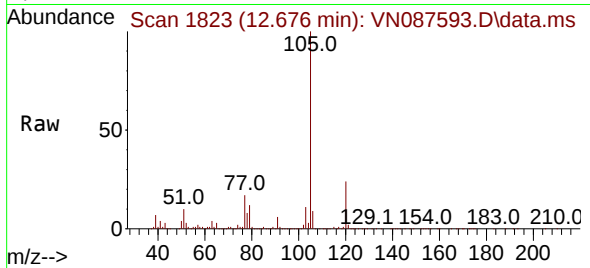




#73
Isopropylbenzene
Concen: 53.990 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. 0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

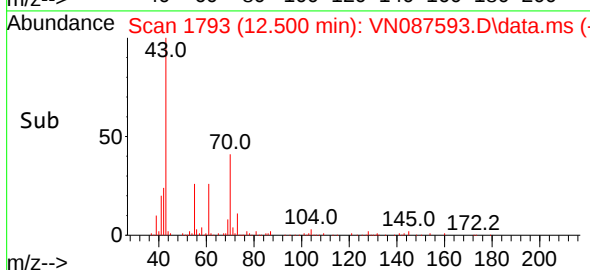
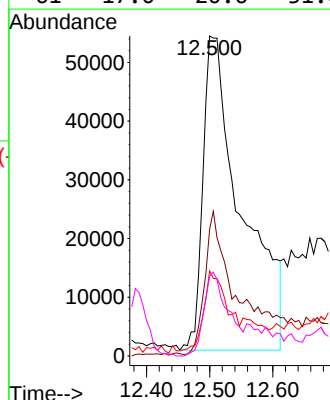
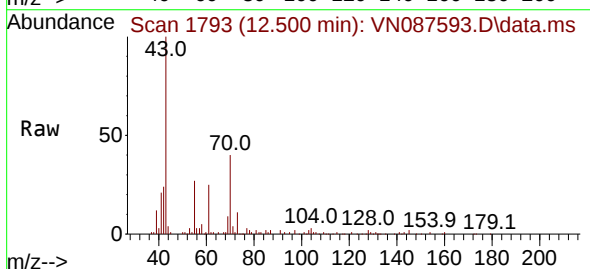
Instrument :
MSVOA_N
ClientSampleId :

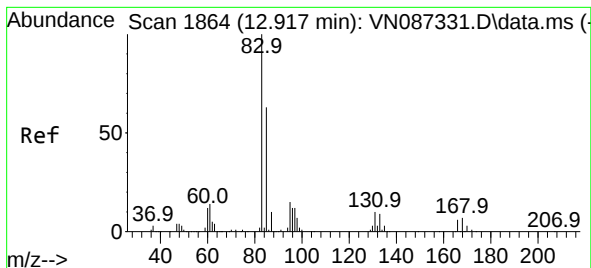
Tgt Ion:105 Resp: 1011241
Ion Ratio Lower Upper
105 100
120 25.4 13.4 40.1



#74
N-ethyl acetate
Concen: 29.259 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

Tgt Ion: 43 Resp: 227692
Ion Ratio Lower Upper
43 100
70 41.0 37.6 56.4
55 15.6 19.6 29.4#
61 17.0 20.6 31.0#





#75

1,1,2,2-Tetrachloroethane

Concen: 49.312 ug/l

RT: 12.917 min Scan# 1864

Delta R.T. 0.000 min

Lab File: VN087593.D

Acq: 15 Aug 2025 19:17

Instrument :

MSVOA_N

ClientSampleId :

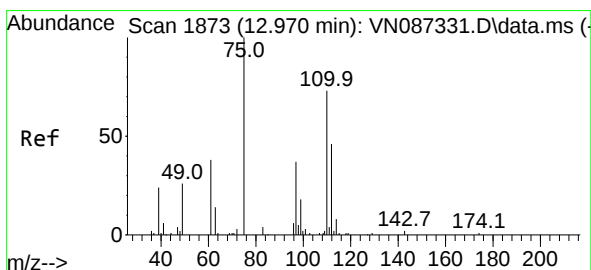
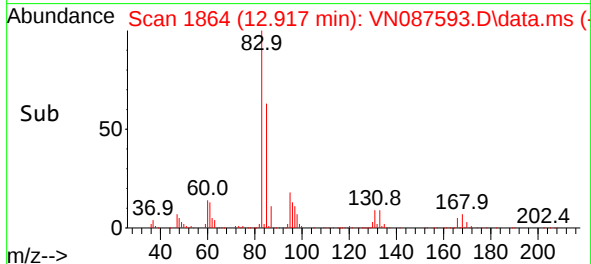
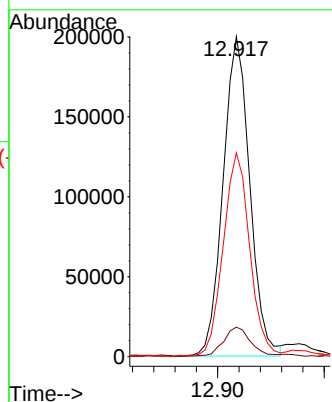
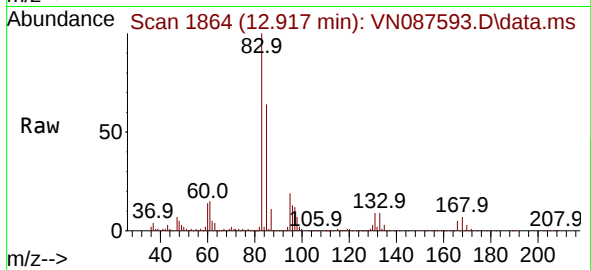
Tgt Ion: 83 Resp: 347537

Ion Ratio Lower Upper

83 100

131 9.9 5.1 15.3

85 63.3 32.5 97.4



#76

1,2,3-Trichloropropane

Concen: 66.029 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. 0.006 min

Lab File: VN087593.D

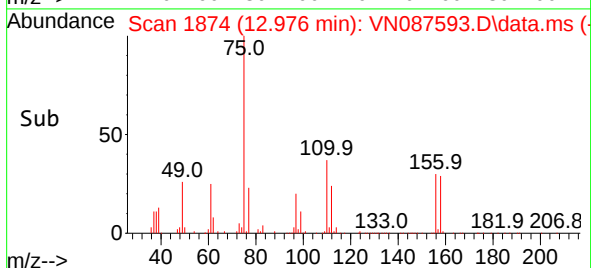
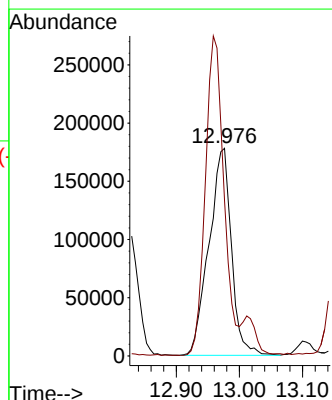
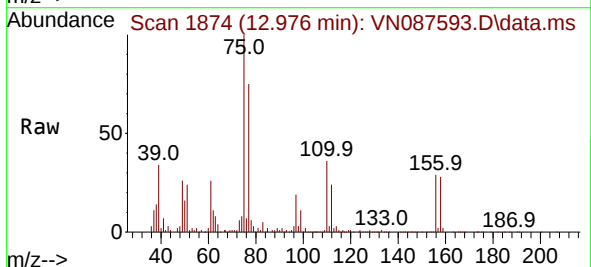
Acq: 15 Aug 2025 19:17

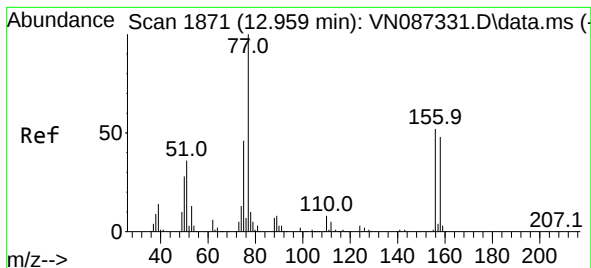
Tgt Ion: 75 Resp: 440636

Ion Ratio Lower Upper

75 100

77 127.3 94.5 283.6





#77

Bromobenzene

Concen: 49.292 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. 0.000 min

Lab File: VN087593.D

Acq: 15 Aug 2025 19:17

Instrument :

MSVOA_N

ClientSampleId :

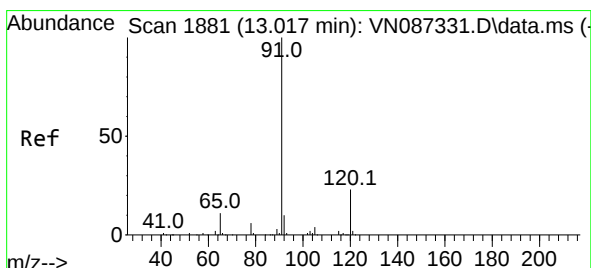
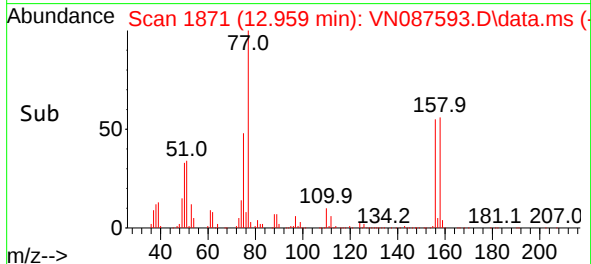
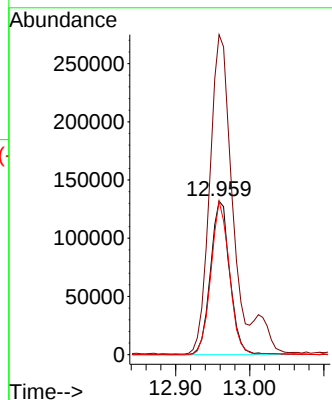
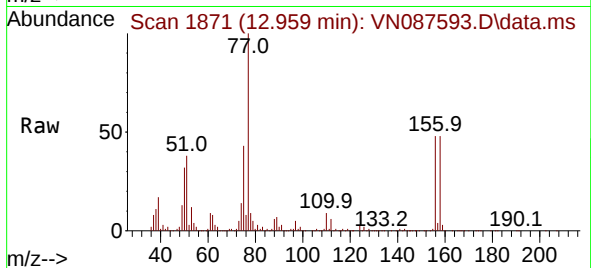
Tgt Ion:156 Resp: 239435

Ion Ratio Lower Upper

156 100

77 234.3 114.9 344.6

158 95.0 48.5 145.5



#78

n-propylbenzene

Concen: 51.511 ug/l

RT: 13.017 min Scan# 1881

Delta R.T. 0.000 min

Lab File: VN087593.D

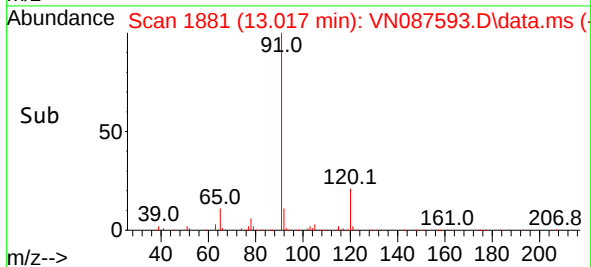
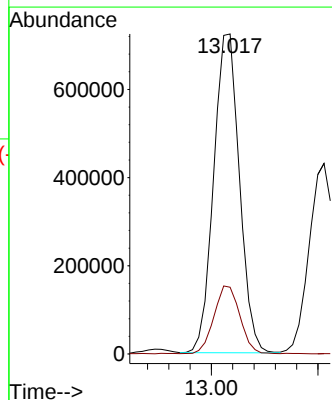
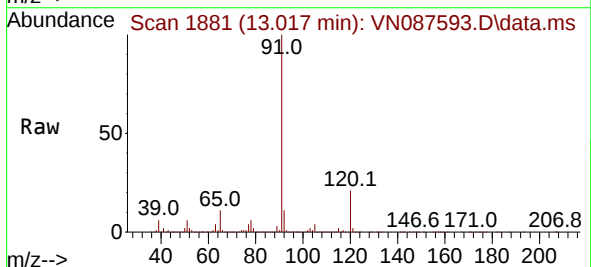
Acq: 15 Aug 2025 19:17

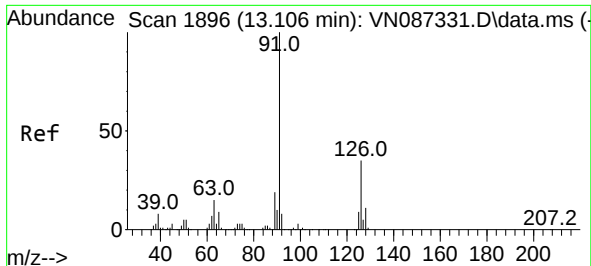
Tgt Ion: 91 Resp: 1213888

Ion Ratio Lower Upper

91 100

120 21.3 11.3 33.8

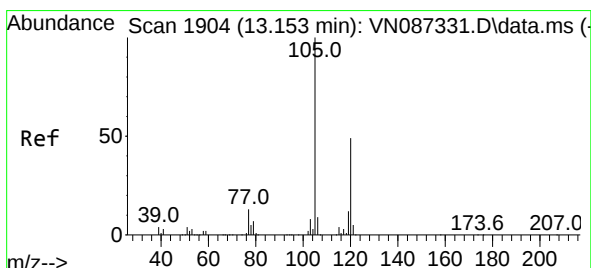
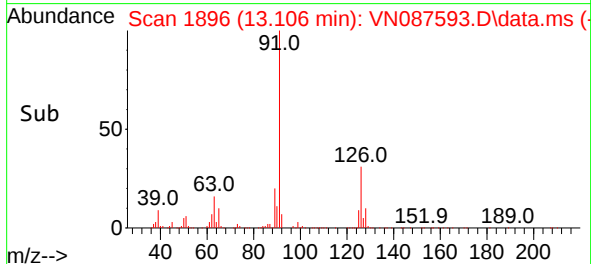
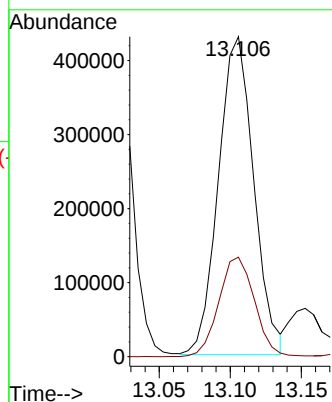
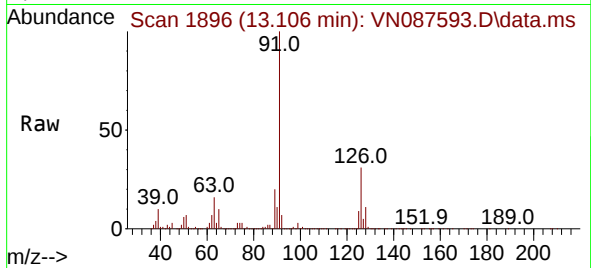




#79
2-Chlorotoluene
Concen: 51.315 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

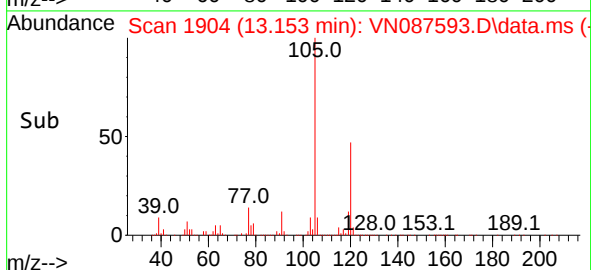
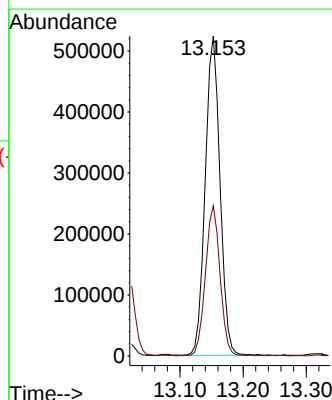
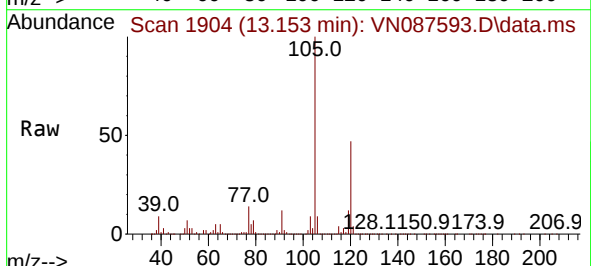
Instrument :
MSVOA_N
ClientSampleId :

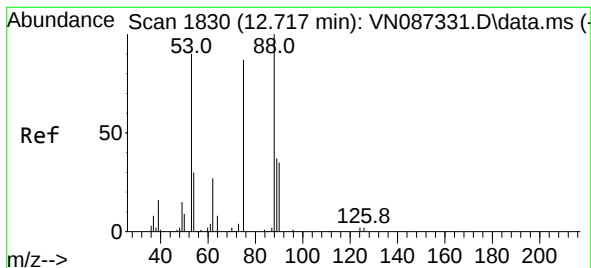
Tgt Ion: 91 Resp: 743185
Ion Ratio Lower Upper
91 100
126 31.7 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 53.480 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

Tgt Ion: 105 Resp: 853451
Ion Ratio Lower Upper
105 100
120 46.2 24.3 72.8

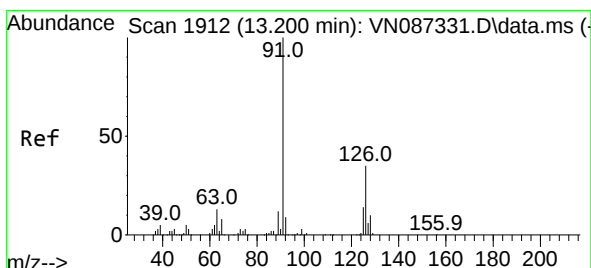
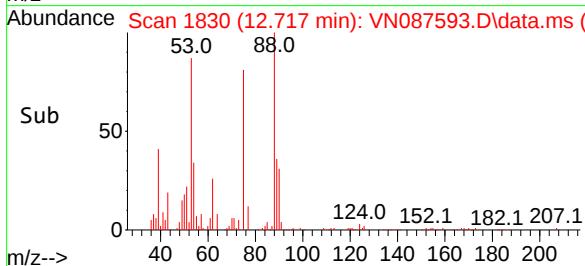
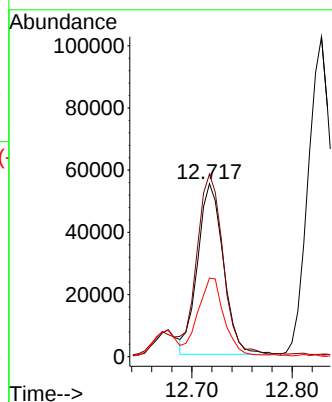
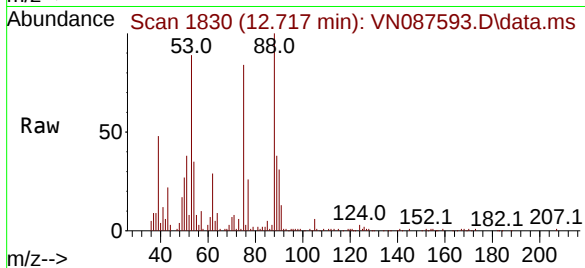




#81
trans-1,4-Dichloro-2-butene
Concen: 40.181 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

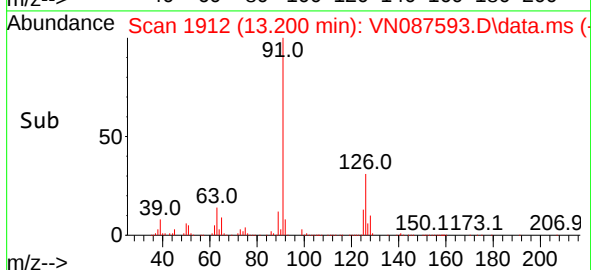
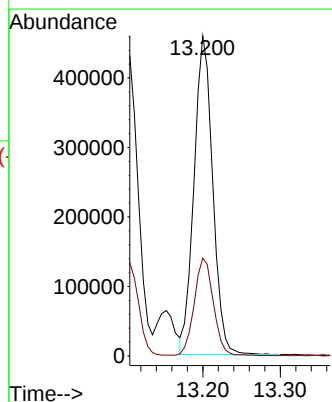
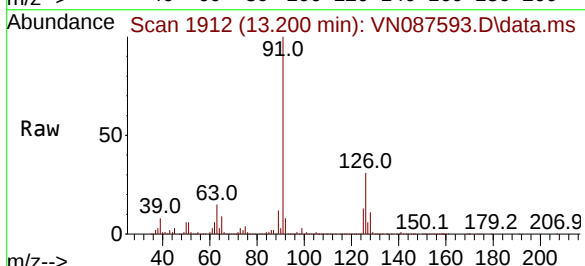
Instrument :
MSVOA_N
ClientSampleId :

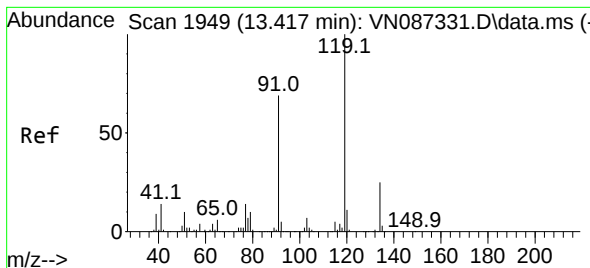
Tgt Ion: 75 Resp: 97998
Ion Ratio Lower Upper
75 100
53 109.3 83.5 125.3
89 46.0 38.4 57.6



#82
4-Chlorotoluene
Concen: 50.903 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

Tgt Ion: 91 Resp: 767539
Ion Ratio Lower Upper
91 100
126 31.5 16.6 49.7





#83

tert-Butylbenzene

Concen: 54.301 ug/l

RT: 13.417 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VN087593.D

Acq: 15 Aug 2025 19:17

Instrument :

MSVOA_N

ClientSampleId :

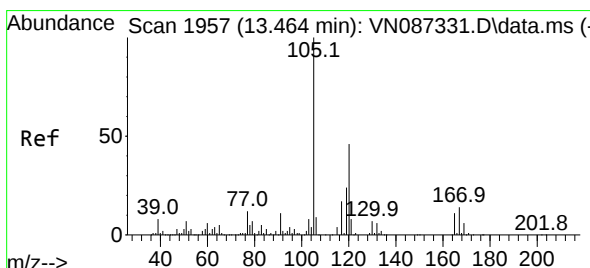
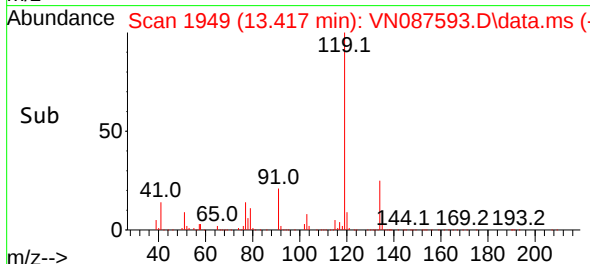
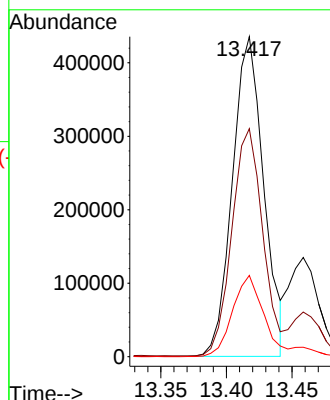
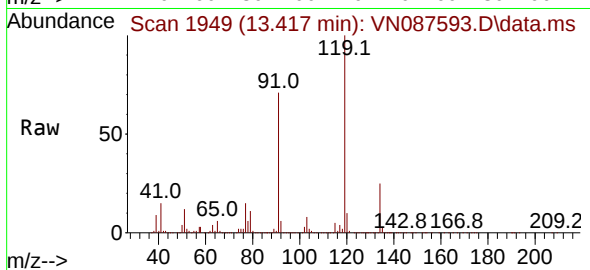
Tgt Ion:119 Resp: 723749

Ion Ratio Lower Upper

119 100

91 71.6 35.0 105.1

134 27.5 12.6 37.6



#84

1,2,4-Trimethylbenzene

Concen: 53.448 ug/l

RT: 13.459 min Scan# 1956

Delta R.T. -0.006 min

Lab File: VN087593.D

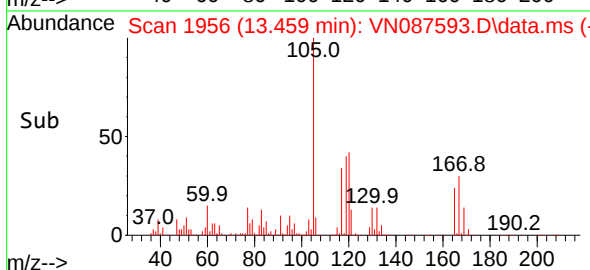
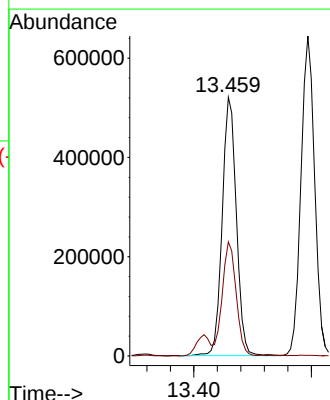
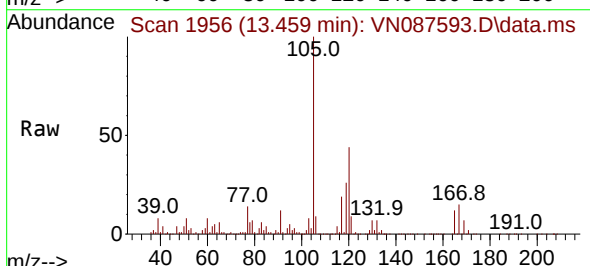
Acq: 15 Aug 2025 19:17

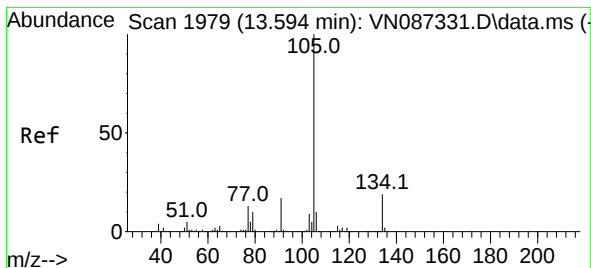
Tgt Ion:105 Resp: 871046

Ion Ratio Lower Upper

105 100

120 43.5 22.8 68.3





#85

sec-Butylbenzene

Concen: 51.790 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VN087593.D

Acq: 15 Aug 2025 19:17

Instrument :

MSVOA_N

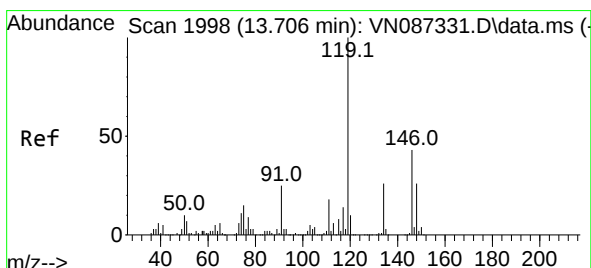
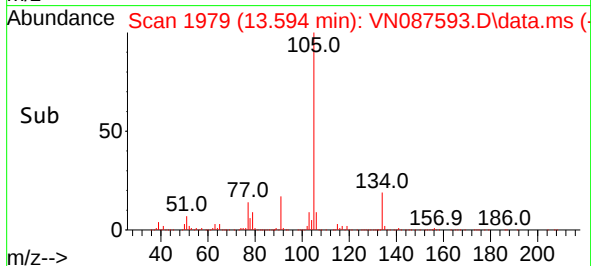
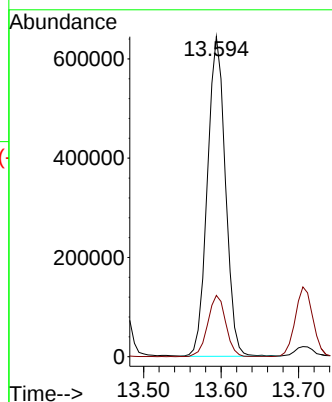
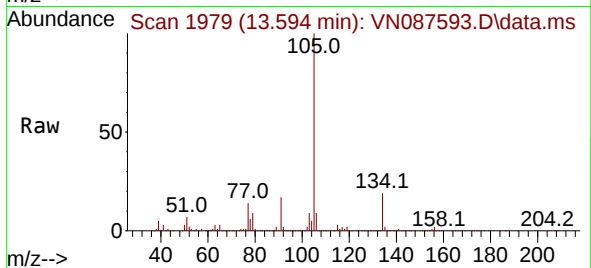
ClientSampleId :

Tgt Ion:105 Resp: 1039752

Ion Ratio Lower Upper

105 100

134 19.2 9.8 29.4



#86

p-Isopropyltoluene

Concen: 54.365 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. 0.000 min

Lab File: VN087593.D

Acq: 15 Aug 2025 19:17

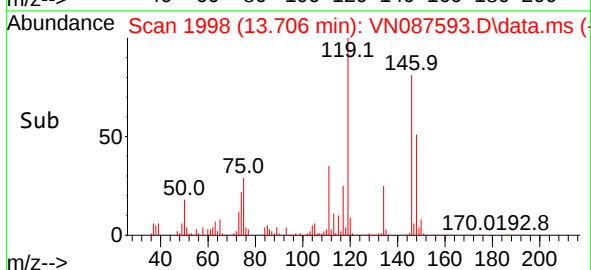
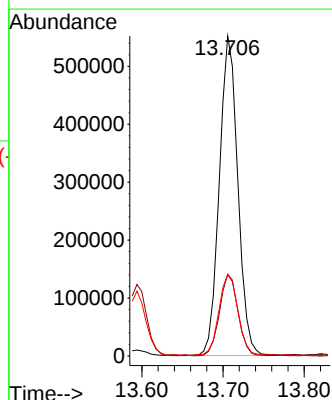
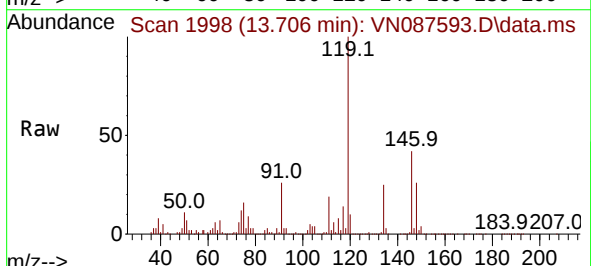
Tgt Ion:119 Resp: 874684

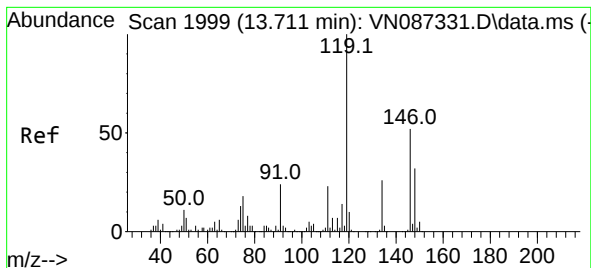
Ion Ratio Lower Upper

119 100

134 25.4 13.5 40.5

91 26.0 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 47.329 ug/l

RT: 13.712 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VN087593.D

Acq: 15 Aug 2025 19:17

Instrument :

MSVOA_N

ClientSampleId :

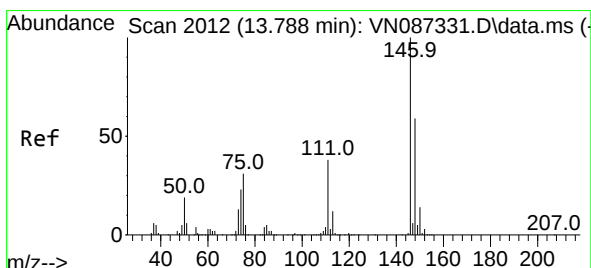
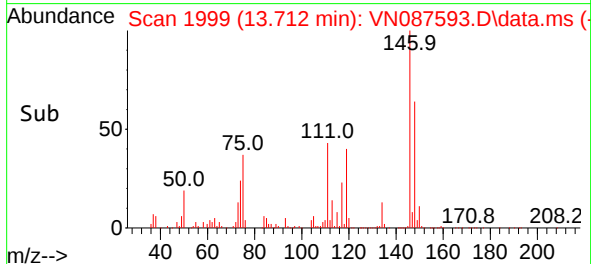
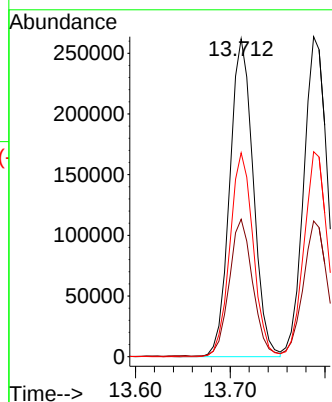
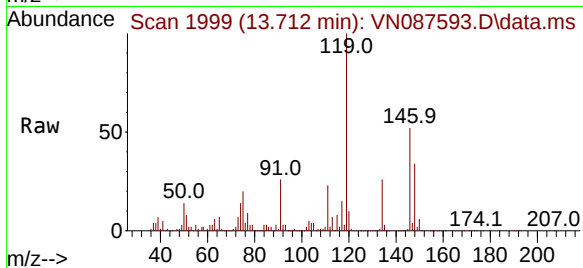
Tgt Ion:146 Resp: 451207

Ion Ratio Lower Upper

146 100

111 43.0 21.4 64.3

148 63.6 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 45.541 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN087593.D

Acq: 15 Aug 2025 19:17

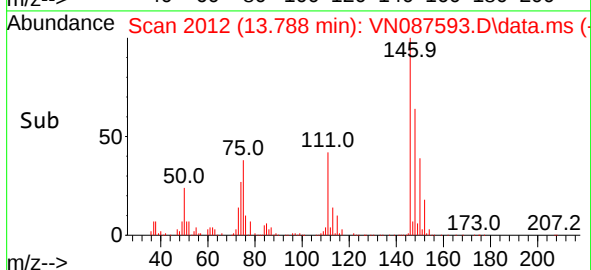
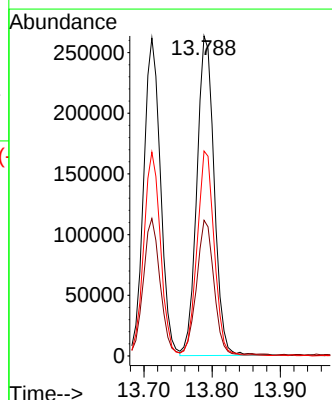
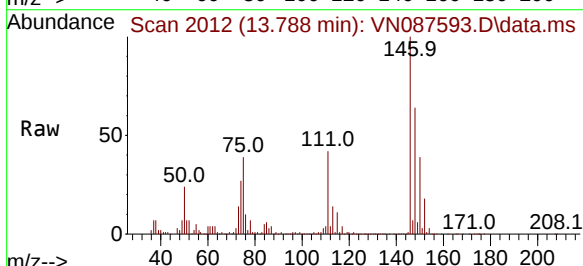
Tgt Ion:146 Resp: 463695

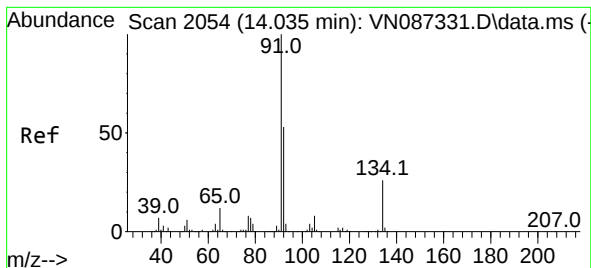
Ion Ratio Lower Upper

146 100

111 41.5 19.6 58.7

148 62.9 31.4 94.0





#89

n-Butylbenzene

Concen: 54.443 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.000 min

Lab File: VN087593.D

Acq: 15 Aug 2025 19:17

Instrument :

MSVOA_N

ClientSampleId :

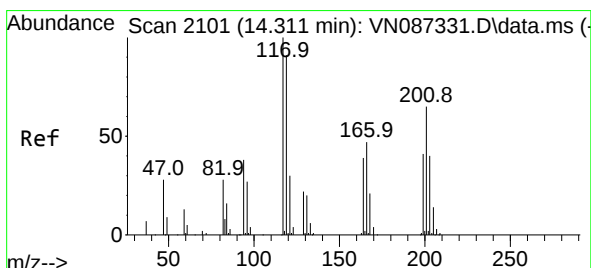
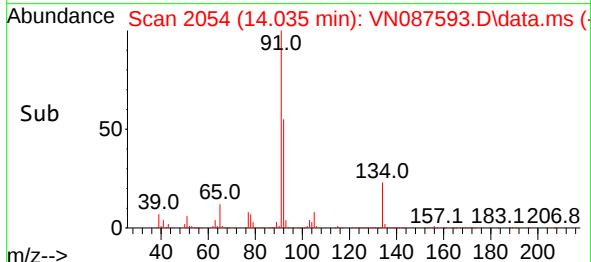
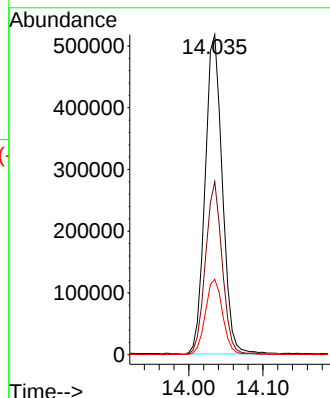
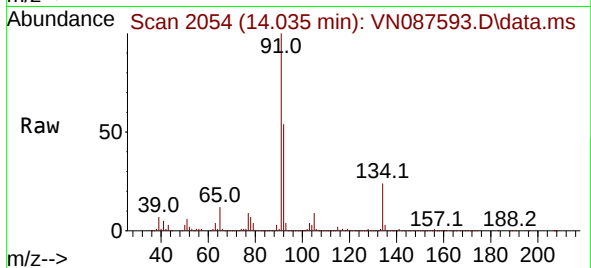
Tgt Ion: 91 Resp: 836409

Ion Ratio Lower Upper

91 100

92 52.6 26.2 78.6

134 24.0 12.4 37.2



#90

Hexachloroethane

Concen: 44.991 ug/l

RT: 14.312 min Scan# 2101

Delta R.T. 0.000 min

Lab File: VN087593.D

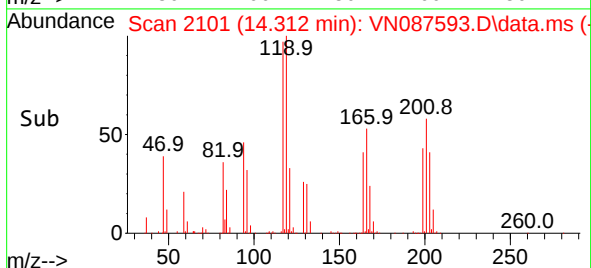
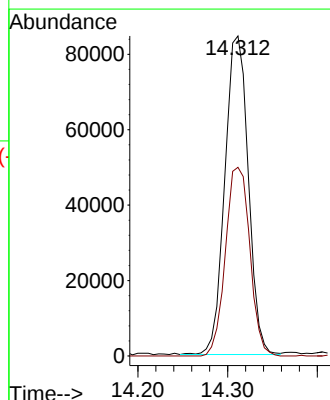
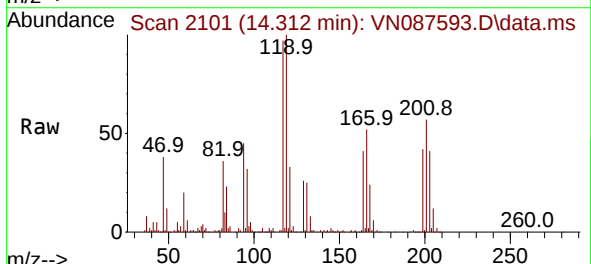
Acq: 15 Aug 2025 19:17

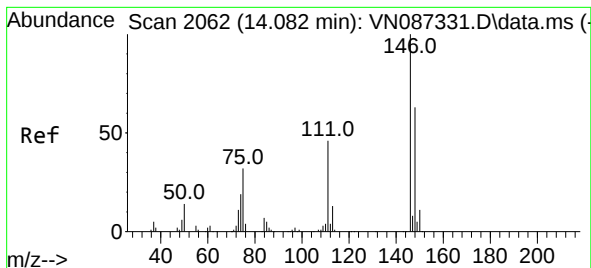
Tgt Ion: 117 Resp: 153370

Ion Ratio Lower Upper

117 100

201 61.6 32.8 98.4





#91

1,2-Dichlorobenzene

Concen: 48.261 ug/l

RT: 14.082 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VN087593.D

Acq: 15 Aug 2025 19:17

Instrument :

MSVOA_N

ClientSampleId :

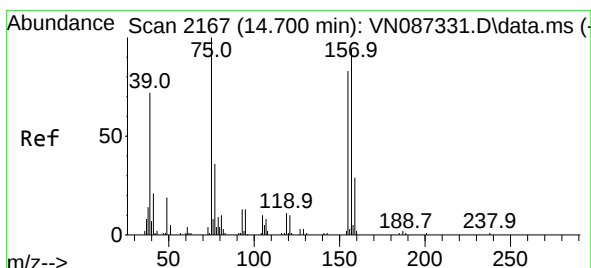
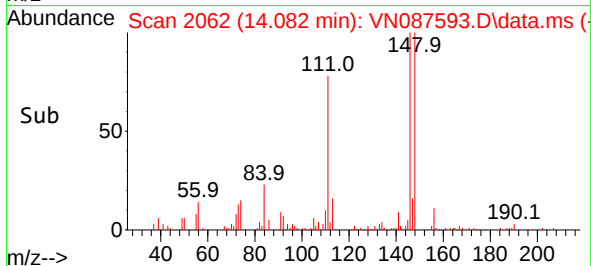
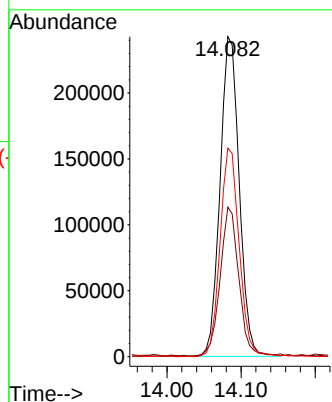
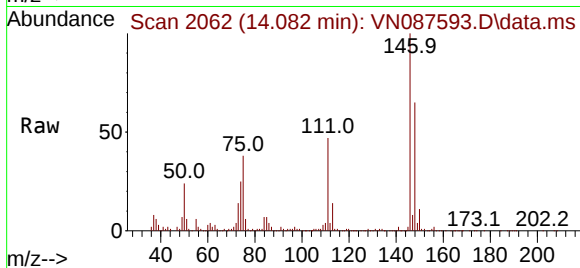
Tgt Ion:146 Resp: 435871

Ion Ratio Lower Upper

146 100

111 45.0 22.0 66.0

148 65.3 32.7 98.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.877 ug/l

RT: 14.694 min Scan# 2166

Delta R.T. -0.006 min

Lab File: VN087593.D

Acq: 15 Aug 2025 19:17

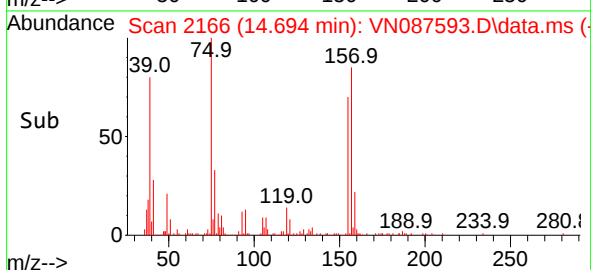
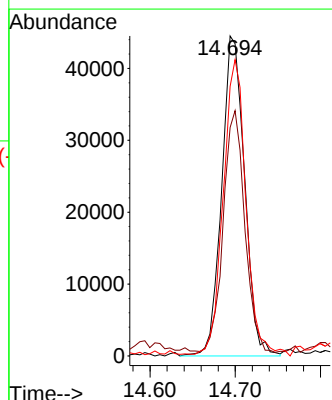
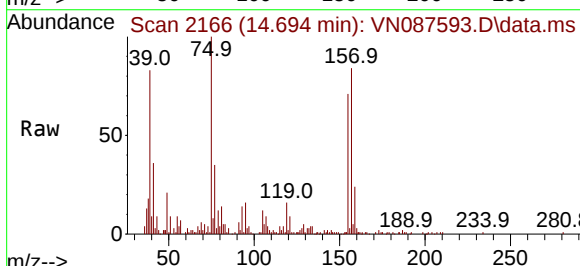
Tgt Ion: 75 Resp: 83038

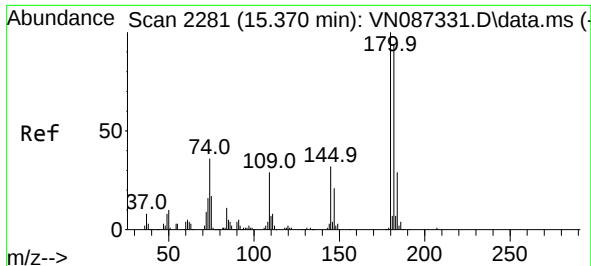
Ion Ratio Lower Upper

75 100

155 71.1 37.3 111.8

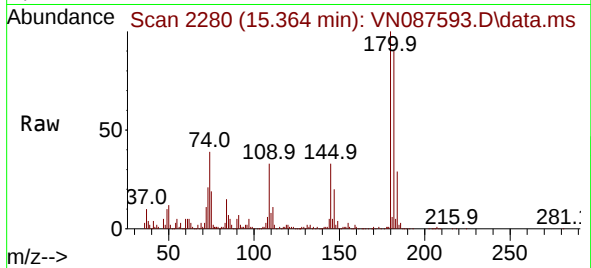
157 92.8 46.2 138.6



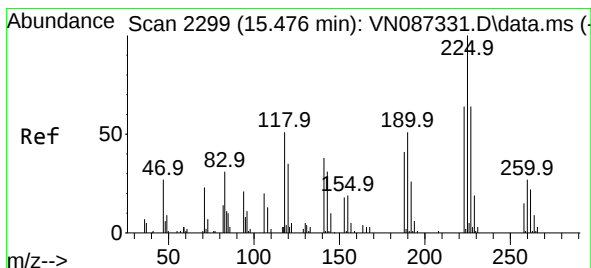
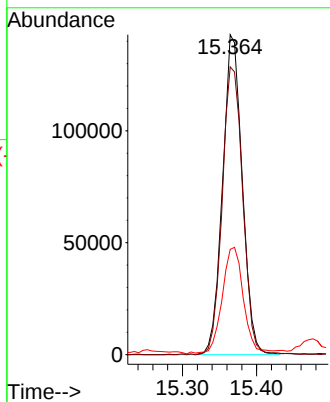
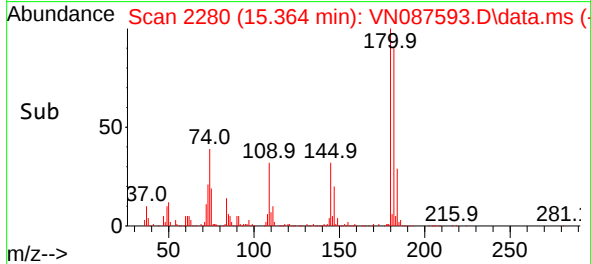


#93
1,2,4-Trichlorobenzene
Concen: 49.664 ug/l
RT: 15.364 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

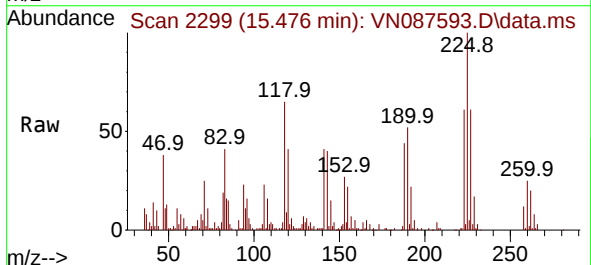
Instrument :
MSVOA_N
ClientSampleId :



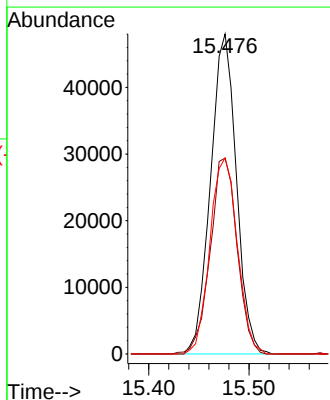
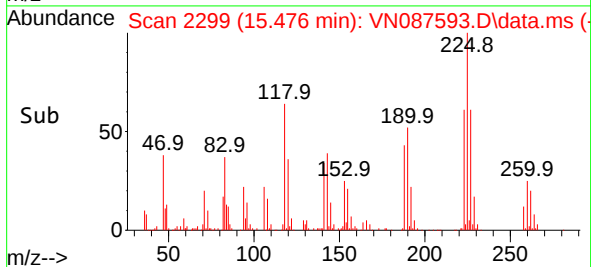
Tgt Ion:180 Resp: 263479
Ion Ratio Lower Upper
180 100
182 93.2 47.3 141.8
145 36.2 15.4 46.4

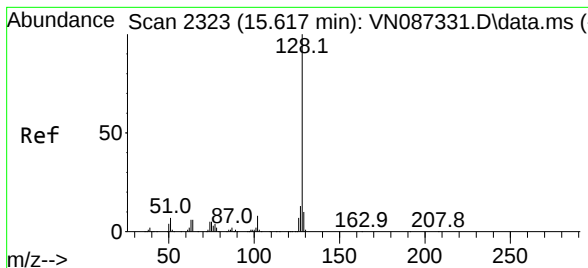


#94
Hexachlorobutadiene
Concen: 43.616 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17



Tgt Ion:225 Resp: 85980
Ion Ratio Lower Upper
225 100
223 63.5 32.1 96.3
227 65.1 31.3 93.9





#95

Naphthalene

Concen: 54.849 ug/l

RT: 15.617 min Scan# 2323

Delta R.T. 0.000 min

Lab File: VN087593.D

Acq: 15 Aug 2025 19:17

Instrument :

MSVOA_N

ClientSampleId :

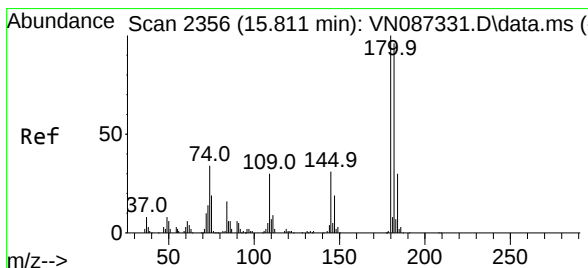
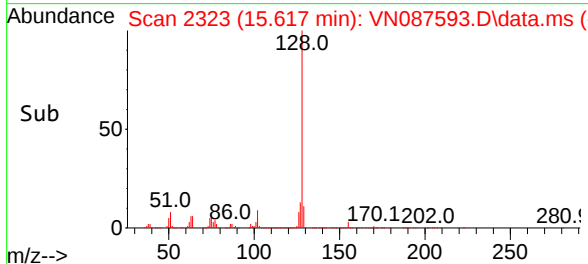
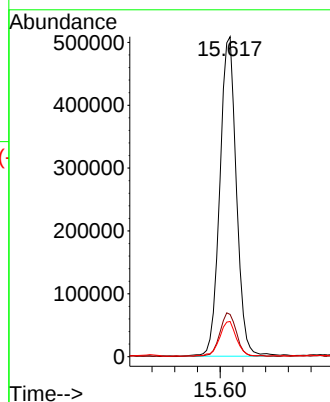
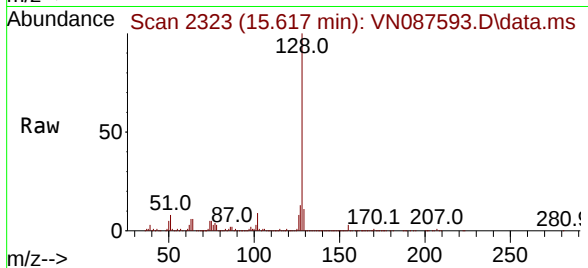
Tgt Ion:128 Resp: 1030862

Ion Ratio Lower Upper

128 100

127 13.5 10.5 15.7

129 11.0 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 49.447 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. 0.000 min

Lab File: VN087593.D

Acq: 15 Aug 2025 19:17

Tgt Ion:180 Resp: 263139

Ion Ratio Lower Upper

180 100

182 92.1 47.1 141.4

145 35.5 16.9 50.6

