

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081425\
 Data File : VN087570.D
 Acq On : 14 Aug 2025 16:49
 Operator : JC\MD
 Sample : Q2842-05MSD 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 14 20:00:15 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	8.212	168	251785	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	498703	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	460182	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	240017	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	233131	54.569	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.140%	
35) Dibromofluoromethane	8.153	113	160785	46.739	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 93.480%	
50) Toluene-d8	10.547	98	591485	48.202	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.400%	
62) 4-Bromofluorobenzene	12.829	95	228797	50.467	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 100.940%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.142	85	160380	59.972	ug/l	95
3) Chloromethane	2.383	50	164845	49.018	ug/l	95
4) Vinyl Chloride	2.542	62	181197	54.217	ug/l	94
5) Bromomethane	2.971	94	111058	64.170	ug/l	100
6) Chloroethane	3.130	64	124775	57.248	ug/l	97
7) Trichlorofluoromethane	3.506	101	269630	54.560	ug/l	92
8) Diethyl Ether	3.965	74	116948	61.006	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	146884	57.900	ug/l	97
10) Methyl Iodide	4.583	142	119433	46.239	ug/l	95
11) Tert butyl alcohol	5.536	59	241582	297.805	ug/l	99
12) 1,1-Dichloroethene	4.342	96	151233	52.607	ug/l	98
13) Acrolein	4.177	56	121388	186.460	ug/l	99
14) Allyl chloride	5.018	41	274012	52.668	ug/l	93
15) Acrylonitrile	5.706	53	596577	271.011	ug/l	97
16) Acetone	4.424	43	565138	282.126	ug/l	97
17) Carbon Disulfide	4.700	76	383063	44.945	ug/l	97
18) Methyl Acetate	5.024	43	323417	64.264	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	630203	59.475	ug/l	96
20) Methylene Chloride	5.265	84	180635	53.387	ug/l #	89
21) trans-1,2-Dichloroethene	5.777	96	165046	50.918	ug/l	96
22) Diisopropyl ether	6.665	45	653071	59.843	ug/l	98
23) Vinyl Acetate	6.594	43	2963851	310.532	ug/l	99
24) 1,1-Dichloroethane	6.559	63	337459	53.599	ug/l	99
25) 2-Butanone	7.477	43	880575	284.512	ug/l	97
26) 2,2-Dichloropropane	7.477	77	251846	51.450	ug/l	98
27) cis-1,2-Dichloroethene	7.471	96	296951	79.572	ug/l	98
28) Bromochloromethane	7.794	49	161291	53.528	ug/l	92
29) Tetrahydrofuran	7.830	42	579208	288.074	ug/l	99
30) Chloroform	7.953	83	365342	57.974	ug/l	98
31) Cyclohexane	8.241	56	269452	51.302	ug/l	99
32) 1,1,1-Trichloroethane	8.153	97	301283	55.199	ug/l	97
36) 1,1-Dichloropropene	8.359	75	232570	51.172	ug/l	98
37) Ethyl Acetate	7.547	43	344525	52.488	ug/l	98
38) Carbon Tetrachloride	8.347	117	240818	48.100	ug/l	96
39) Methylcyclohexane	9.582	83	251368	51.086	ug/l	95
40) Benzene	8.588	78	748859	50.980	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	188160	54.823	ug/l	97
42) 1,2-Dichloroethane	8.659	62	295609	53.067	ug/l	97
43) Isopropyl Acetate	8.677	43	557773	54.740	ug/l	99
44) Trichloroethene	9.335	130	330475	95.214	ug/l	96
45) 1,2-Dichloropropane	9.606	63	191212	51.231	ug/l	98
46) Dibromomethane	9.694	93	141089	50.488	ug/l	95
47) Bromodichloromethane	9.871	83	288056	51.174	ug/l	98
48) Methyl methacrylate	9.665	41	268246	58.477	ug/l	94
49) 1,4-Dioxane	9.682	88	74858	1065.478	ug/l #	100
51) 4-Methyl-2-Pentanone	10.429	43	1774583	275.360	ug/l	97
52) Toluene	10.612	92	460377	51.563	ug/l	96
53) t-1,3-Dichloropropene	10.818	75	308221	54.105	ug/l	96
54) cis-1,3-Dichloropropene	10.294	75	308333	52.399	ug/l #	87
55) 1,1,2-Trichloroethane	11.000	97	190288	52.643	ug/l	92
56) Ethyl methacrylate	10.859	69	326690	53.587	ug/l #	95
57) 1,3-Dichloropropane	11.147	76	329546	52.730	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	412625	139.157	ug/l	99
59) 2-Hexanone	11.182	43	1237547	289.435	ug/l	98
60) Dibromochloromethane	11.341	129	205718	49.903	ug/l	98
61) 1,2-Dibromoethane	11.447	107	193708	50.967	ug/l	98
64) Tetrachloroethene	11.082	164	127664	43.104	ug/l	94
65) Chlorobenzene	11.871	112	500916	48.485	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.941	131	176284	50.180	ug/l	99
67) Ethyl Benzene	11.941	91	898707	52.840	ug/l	99
68) m/p-Xylenes	12.053	106	662341	103.996	ug/l	93
69) o-Xylene	12.376	106	328068	53.926	ug/l	96
70) Styrene	12.394	104	567805	55.481	ug/l	98
71) Bromoform	12.559	173	133281	46.961	ug/l #	95
73) Isopropylbenzene	12.676	105	839673	55.585	ug/l	99
74) N-amyl acetate	12.500	43	234757	37.404	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	12.918	83	304955	53.650	ug/l	99
76) 1,2,3-Trichloropropane	12.970	75	391630	72.764	ug/l	55
77) Bromobenzene	12.959	156	197712	50.466	ug/l	94
78) n-propylbenzene	13.018	91	1061543	55.853	ug/l	98
79) 2-Chlorotoluene	13.106	91	637513	54.578	ug/l	96
80) 1,3,5-Trimethylbenzene	13.153	105	725164	56.342	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.718	75	93157	47.359	ug/l	94
82) 4-Chlorotoluene	13.200	91	661408	54.387	ug/l	97
83) tert-Butylbenzene	13.418	119	601617	55.966	ug/l	97
84) 1,2,4-Trimethylbenzene	13.459	105	747848	56.897	ug/l	96
85) sec-Butylbenzene	13.594	105	905664	55.933	ug/l	98
86) p-Isopropyltoluene	13.706	119	748208	57.660	ug/l	97
87) 1,3-Dichlorobenzene	13.712	146	393523	51.181	ug/l	100
88) 1,4-Dichlorobenzene	13.788	146	395731	48.189	ug/l	98
89) n-Butylbenzene	14.035	91	730169	58.929	ug/l	98
90) Hexachloroethane	14.312	117	136983	49.824	ug/l	91
91) 1,2-Dichlorobenzene	14.088	146	372655	51.160	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.700	75	74799	50.121	ug/l	97
93) 1,2,4-Trichlorobenzene	15.370	180	220758	51.594	ug/l	98
94) Hexachlorobutadiene	15.476	225	77907	49.002	ug/l	98
95) Naphthalene	15.617	128	847533	55.913	ug/l	100
96) 1,2,3-Trichlorobenzene	15.817	180	217612	50.701	ug/l	98

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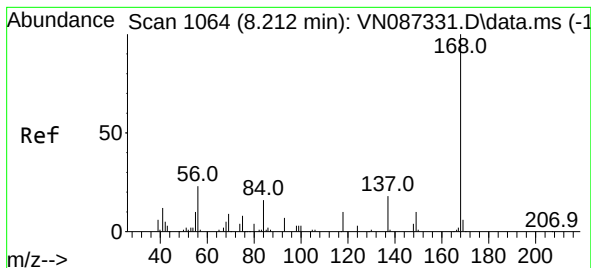
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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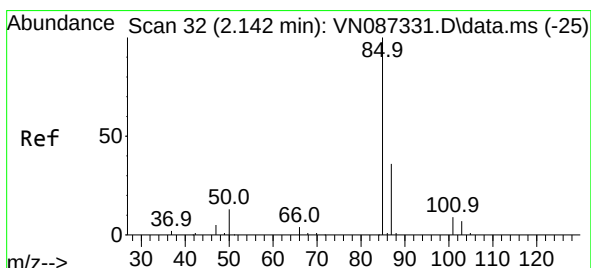
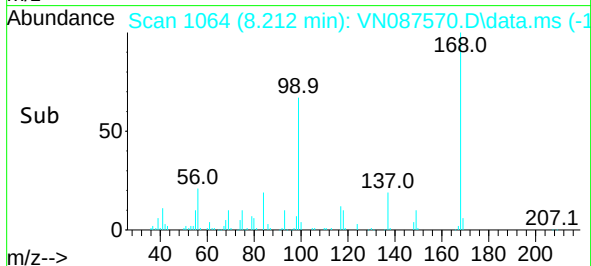
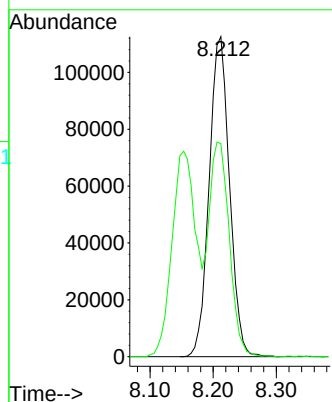
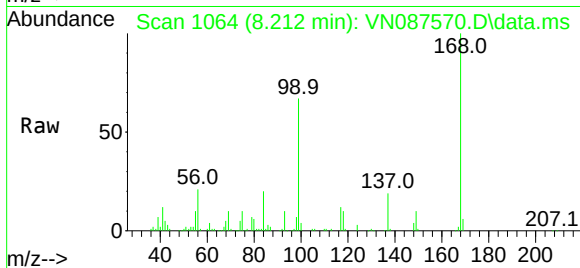




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VN087570.D
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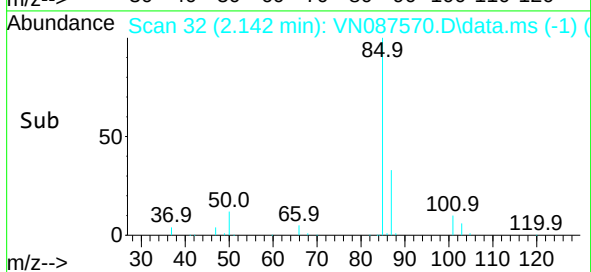
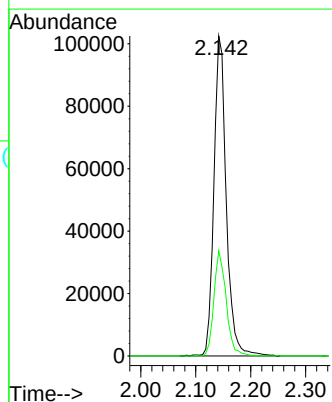
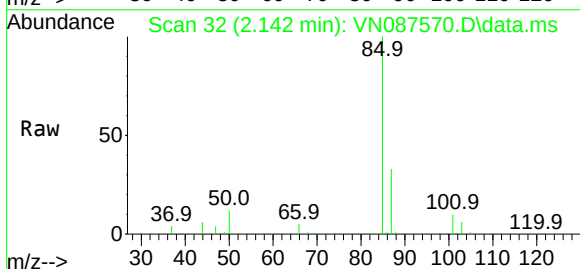
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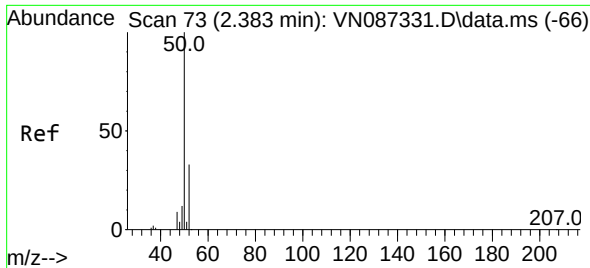
Tgt Ion:168 Resp: 251785
Ion Ratio Lower Upper
168 100
99 66.6 47.9 71.9



#2
Dichlorodifluoromethane
Concen: 59.972 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087570.D
Acq: 14 Aug 2025 16:49

Tgt Ion: 85 Resp: 160380
Ion Ratio Lower Upper
85 100
87 32.8 17.8 53.3

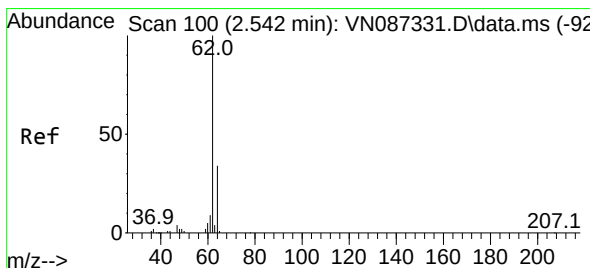
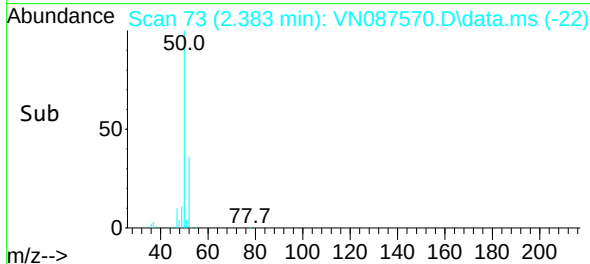
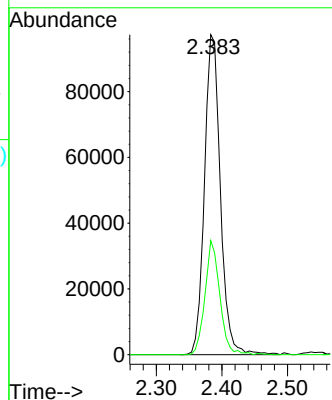
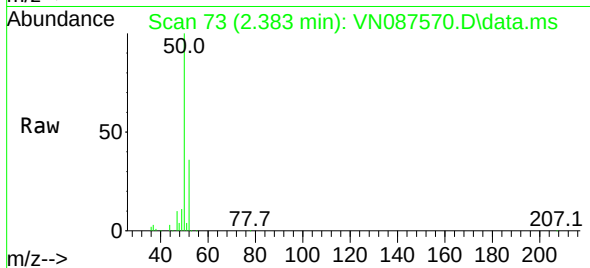




#3
Chloromethane
Concen: 49.018 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087570.D
Acq: 14 Aug 2025 16:49

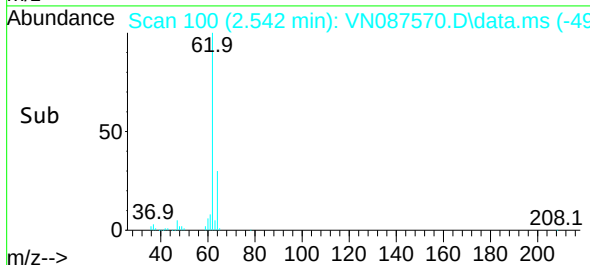
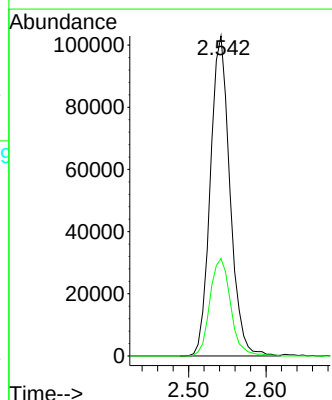
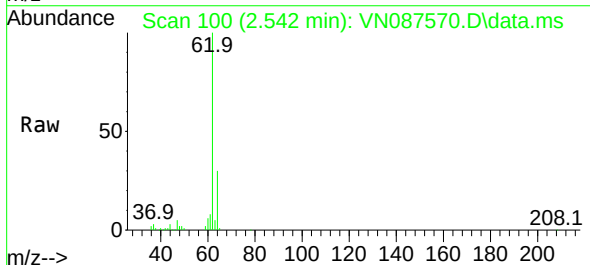
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ClientSampleId :

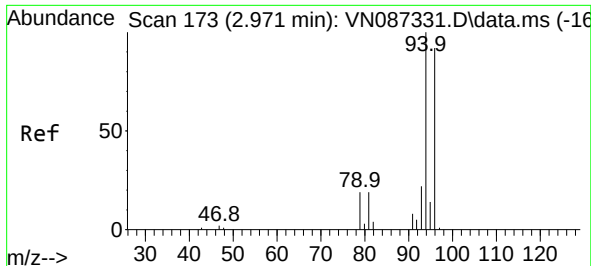
Tgt Ion: 50 Resp: 164845
Ion Ratio Lower Upper
50 100
52 35.6 26.3 39.5



#4
Vinyl Chloride
Concen: 54.217 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087570.D
Acq: 14 Aug 2025 16:49

Tgt Ion: 62 Resp: 181197
Ion Ratio Lower Upper
62 100
64 30.4 27.0 40.6

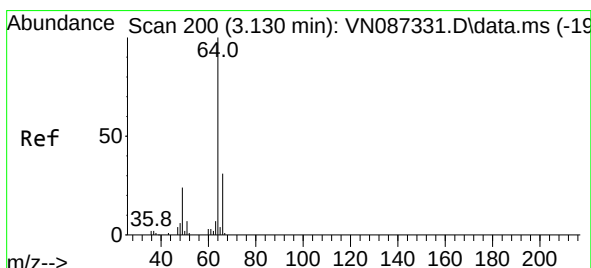
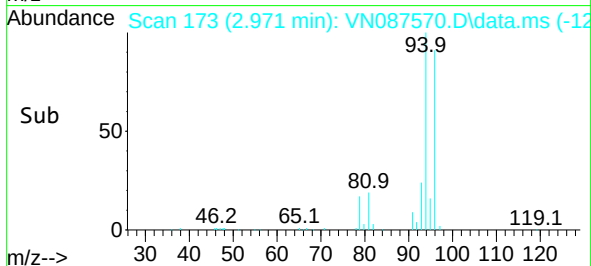
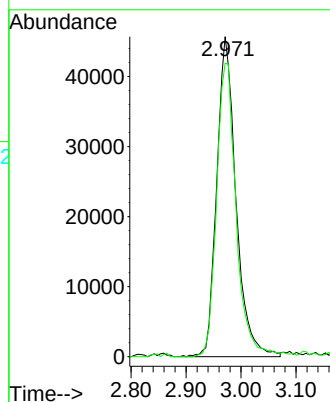
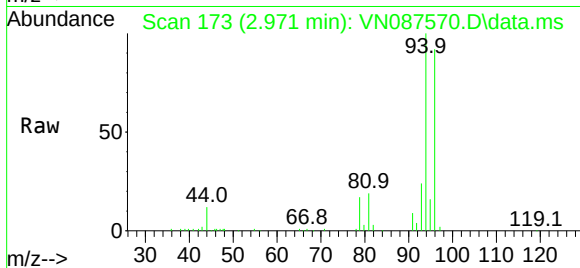




#5
Bromomethane
Concen: 64.170 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087570.D
Acq: 14 Aug 2025 16:49

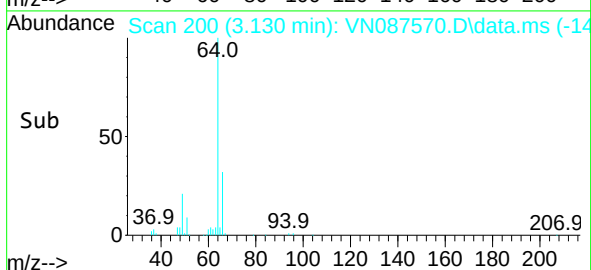
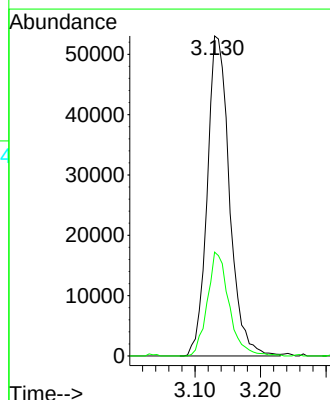
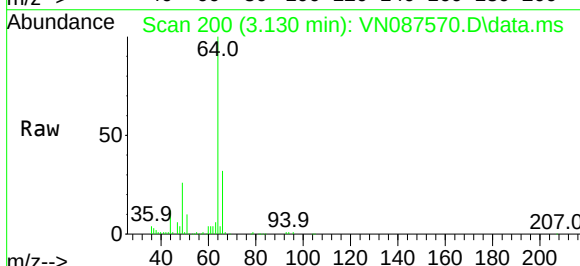
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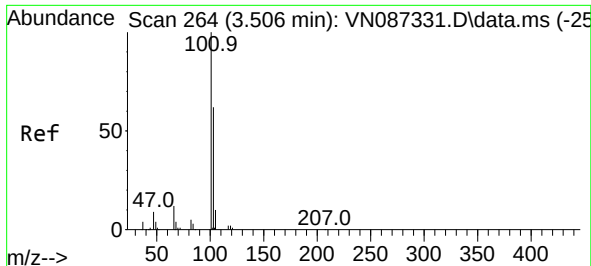
Tgt Ion: 94 Resp: 111058
Ion Ratio Lower Upper
94 100
96 91.8 73.4 110.2



#6
Chloroethane
Concen: 57.248 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.000 min
Lab File: VN087570.D
Acq: 14 Aug 2025 16:49

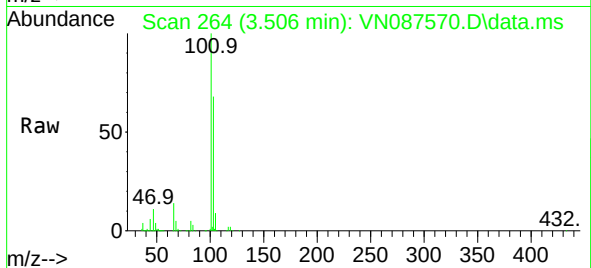
Tgt Ion: 64 Resp: 124775
Ion Ratio Lower Upper
64 100
66 32.4 24.6 36.8



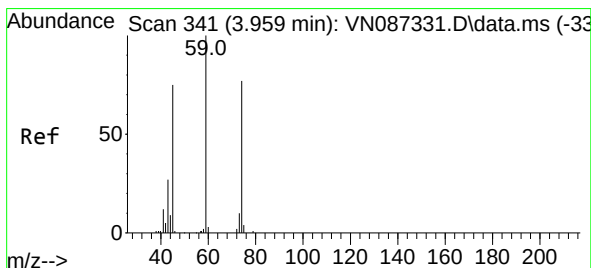
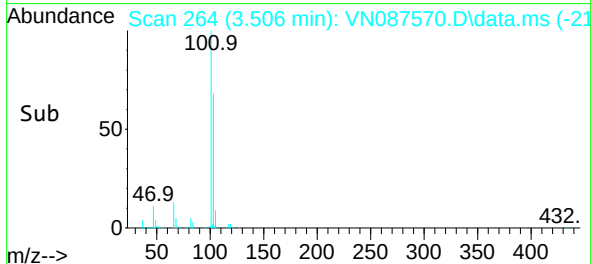
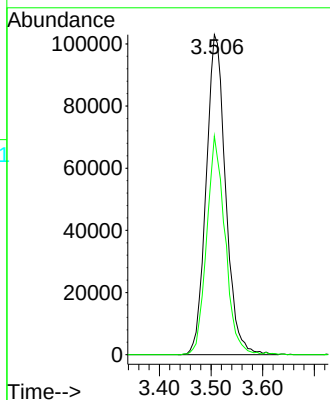


#7
Trichlorofluoromethane
Concen: 54.560 ug/l
RT: 3.506 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN087570.D
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Instrument :
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ClientSampleId :

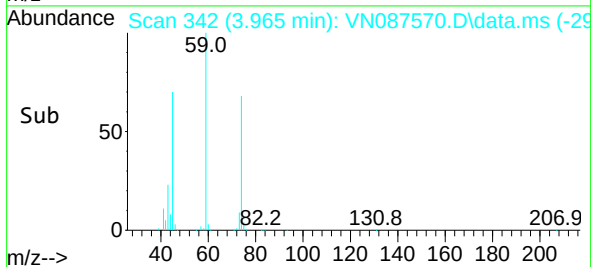
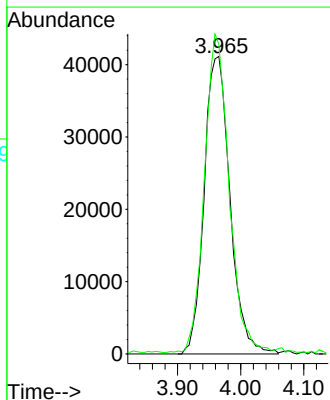
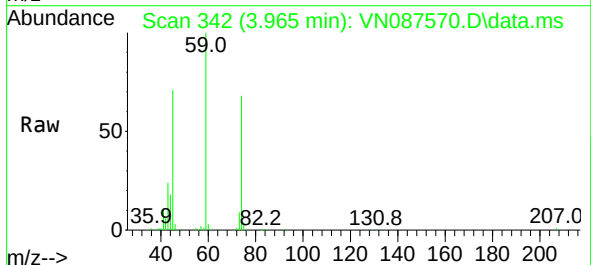


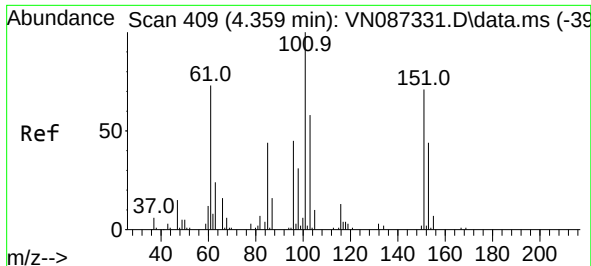
Tgt Ion:101 Resp: 269630
Ion Ratio Lower Upper
101 100
103 68.3 49.8 74.6



#8
Diethyl Ether
Concen: 61.006 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN087570.D
Acq: 14 Aug 2025 16:49

Tgt Ion: 74 Resp: 116948
Ion Ratio Lower Upper
74 100
45 102.1 50.8 152.5

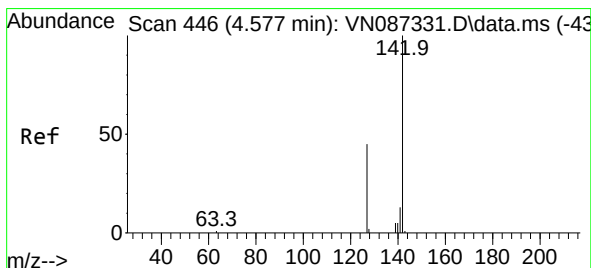
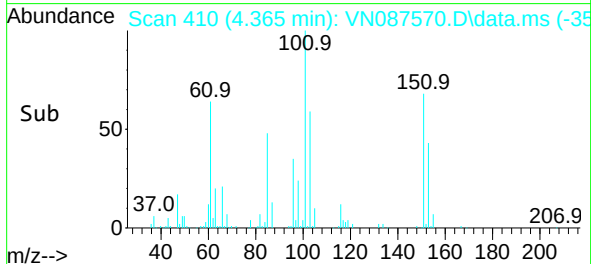
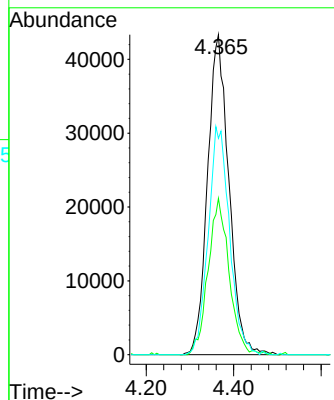
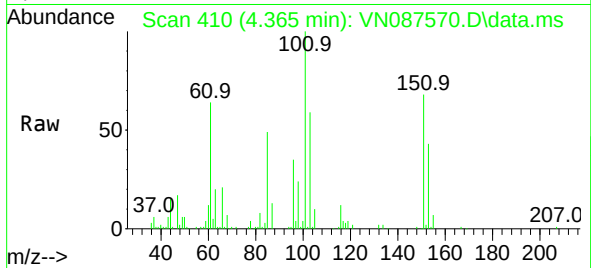




#9
1,1,2-Trichlorotrifluoroethane
Concen: 57.900 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN087570.D
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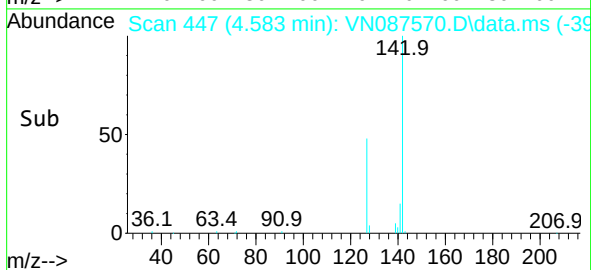
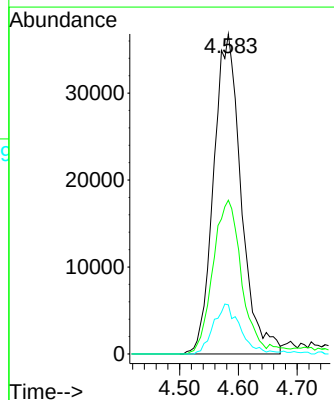
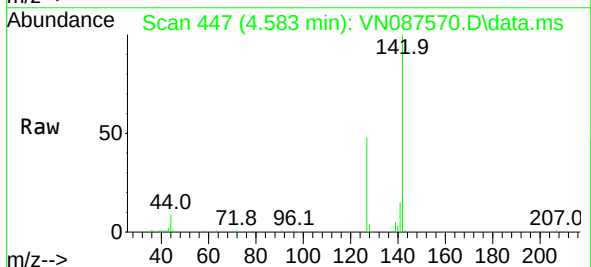
Instrument :
MSVOA_N
ClientSampleId :

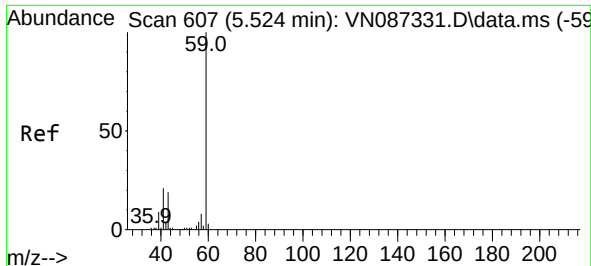
Tgt Ion:101 Resp: 146884
Ion Ratio Lower Upper
101 100
85 48.3 37.3 55.9
151 71.3 58.9 88.3



#10
Methyl Iodide
Concen: 46.239 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN087570.D
Acq: 14 Aug 2025 16:49

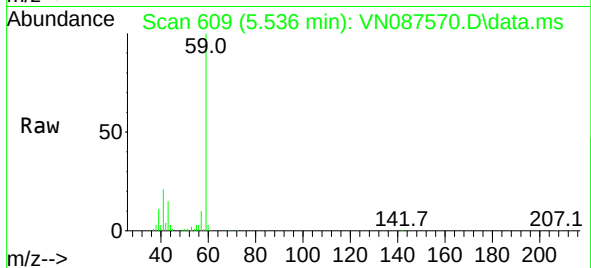
Tgt Ion:142 Resp: 119433
Ion Ratio Lower Upper
142 100
127 48.0 35.7 53.5
141 15.3 10.4 15.6



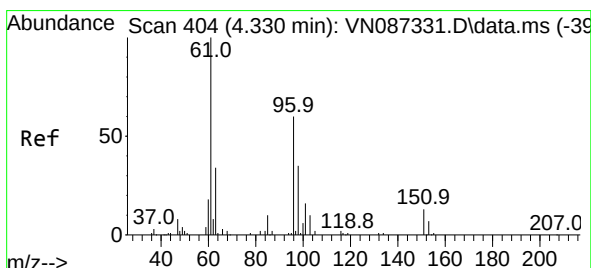
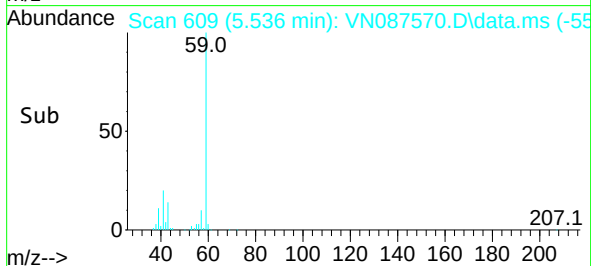
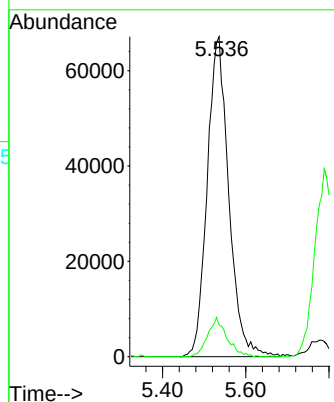


#11
Tert butyl alcohol
Concen: 297.805 ug/l
RT: 5.536 min Scan# 607
Delta R.T. 0.012 min
Lab File: VN087570.D
Acq: 14 Aug 2025 16:49

Instrument :
MSVOA_N
ClientSampleId :

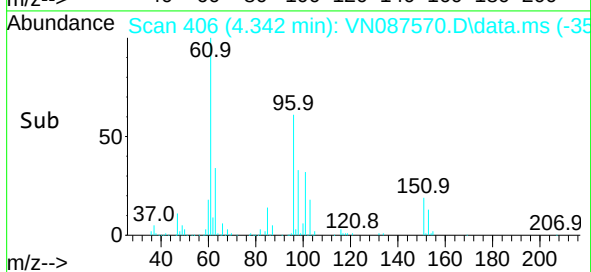
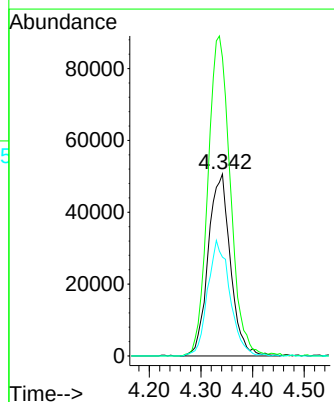
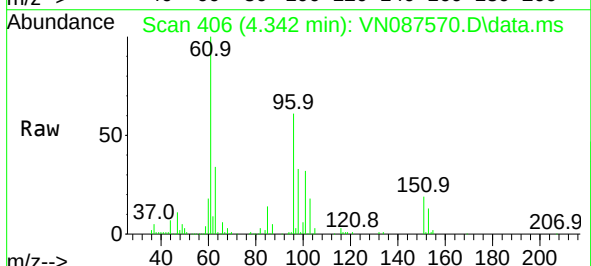


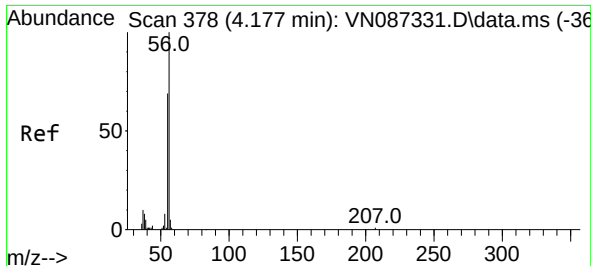
Tgt Ion: 59 Resp: 241582
Ion Ratio Lower Upper
59 100
57 10.9 8.3 12.5



#12
1,1-Dichloroethene
Concen: 52.607 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.012 min
Lab File: VN087570.D
Acq: 14 Aug 2025 16:49

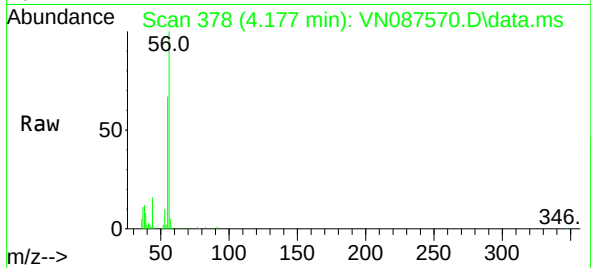
Tgt Ion: 96 Resp: 151233
Ion Ratio Lower Upper
96 100
61 164.0 132.3 198.5
98 54.4 46.8 70.2



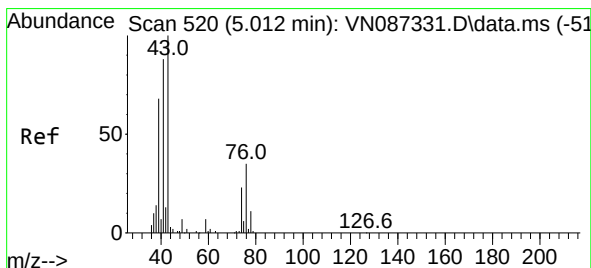
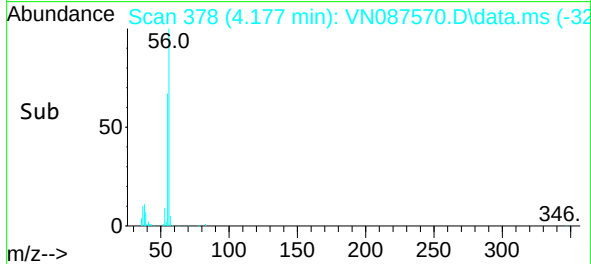
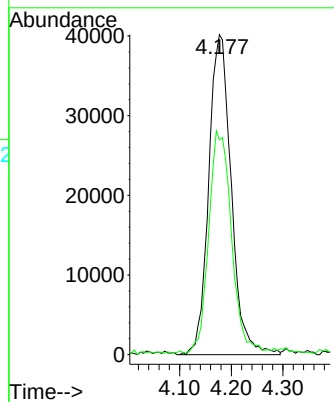


#13
Acrolein
Concen: 186.460 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN087570.D
Acq: 14 Aug 2025 16:49

Instrument :
MSVOA_N
ClientSampleId :

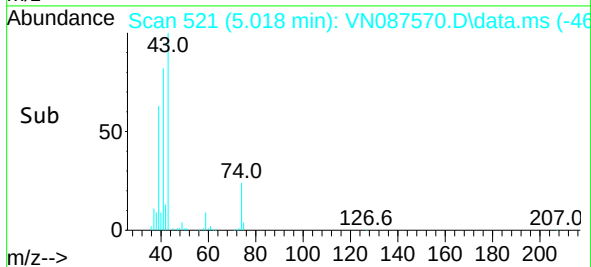
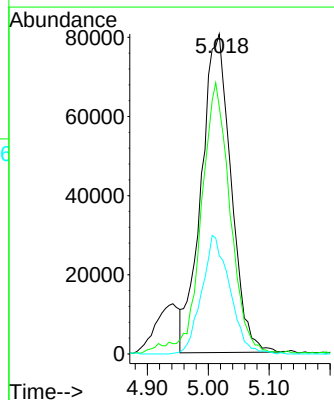
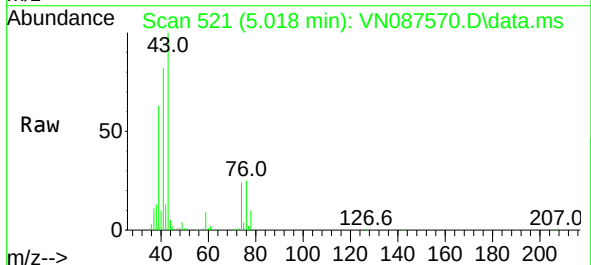


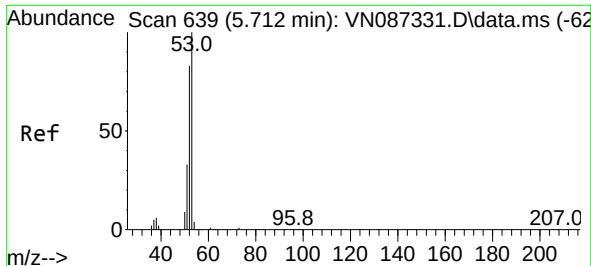
Tgt Ion: 56 Resp: 121388
Ion Ratio Lower Upper
56 100
55 69.3 56.2 84.4



#14
Allyl chloride
Concen: 52.668 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087570.D
Acq: 14 Aug 2025 16:49

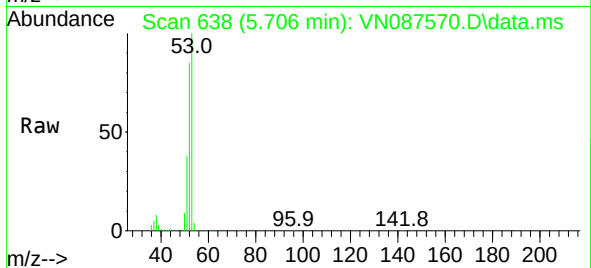
Tgt Ion: 41 Resp: 274012
Ion Ratio Lower Upper
41 100
39 82.5 59.0 88.6
76 35.0 28.7 43.1





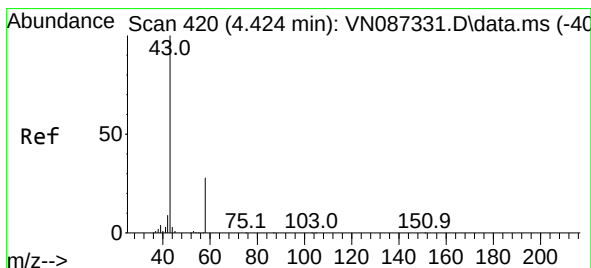
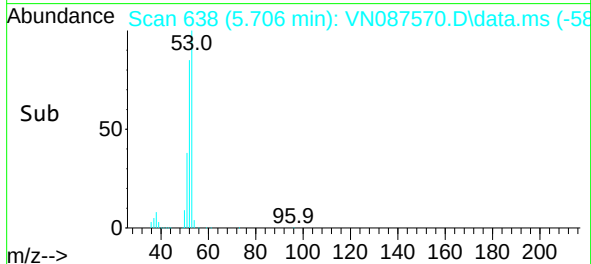
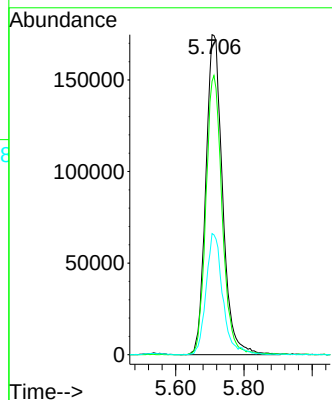
#15
Acrylonitrile
Concen: 271.011 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN087570.D
Acq: 14 Aug 2025 16:49

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 53 Resp: 596577

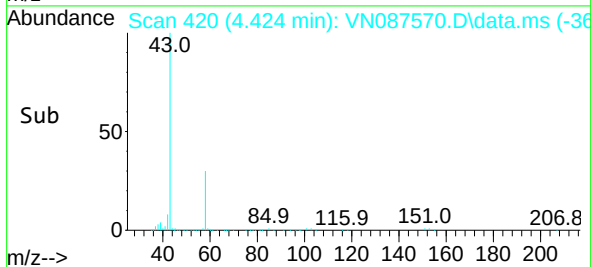
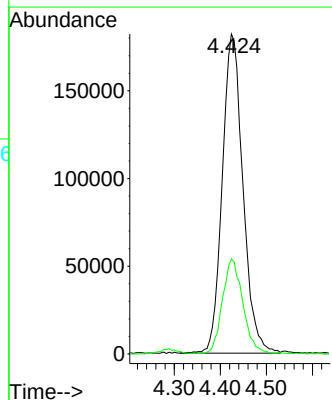
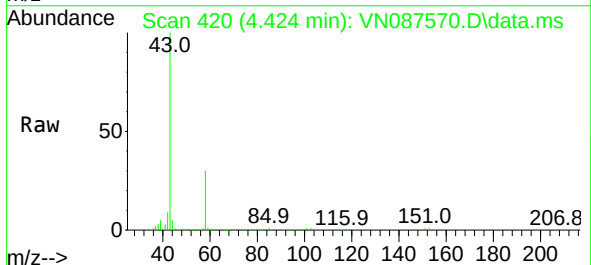
Ion	Ratio	Lower	Upper
53	100		
52	84.4	65.5	98.3
51	37.8	28.7	43.1

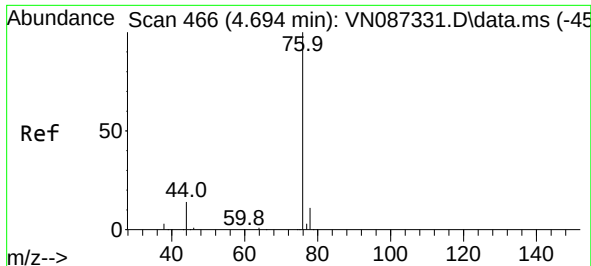


#16
Acetone
Concen: 282.126 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087570.D
Acq: 14 Aug 2025 16:49

Tgt Ion: 43 Resp: 565138

Ion	Ratio	Lower	Upper
43	100		
58	29.4	22.3	33.5

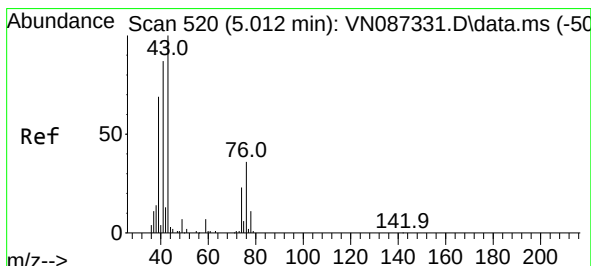
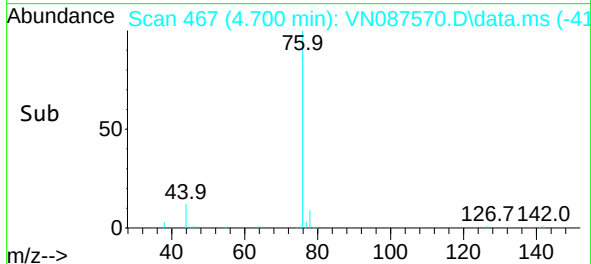
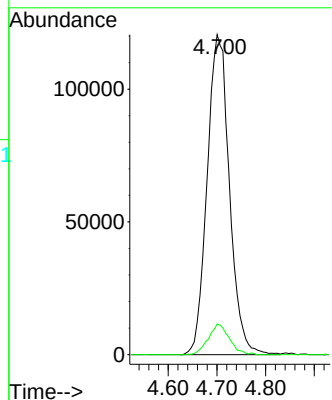
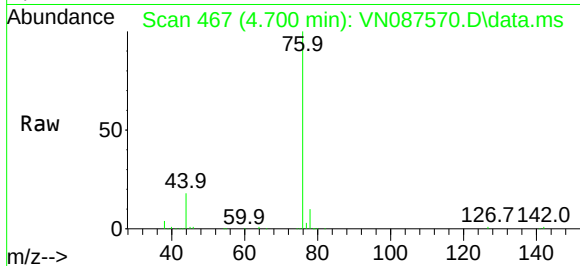




#17
Carbon Disulfide
Concen: 44.945 ug/l
RT: 4.700 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN087570.D
Acq: 14 Aug 2025 16:49

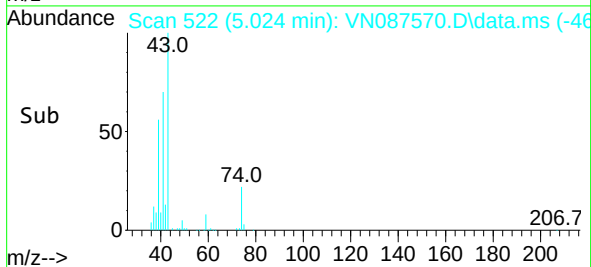
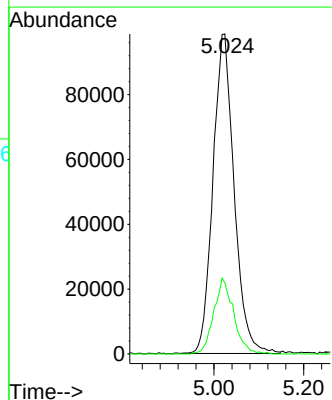
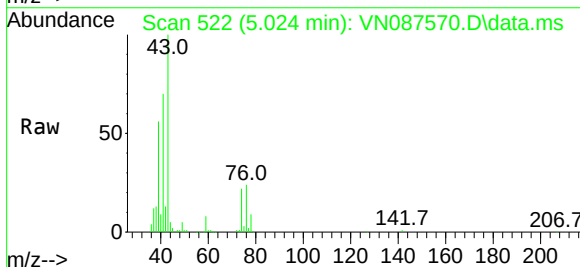
Instrument :
MSVOA_N
ClientSampleId :

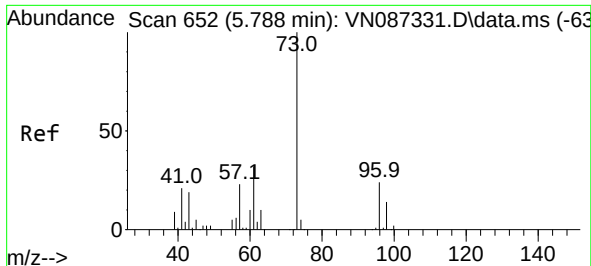
Tgt Ion: 76 Resp: 383063
Ion Ratio Lower Upper
76 100
78 9.6 8.6 13.0



#18
Methyl Acetate
Concen: 64.264 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.012 min
Lab File: VN087570.D
Acq: 14 Aug 2025 16:49

Tgt Ion: 43 Resp: 323417
Ion Ratio Lower Upper
43 100
74 22.3 17.8 26.6

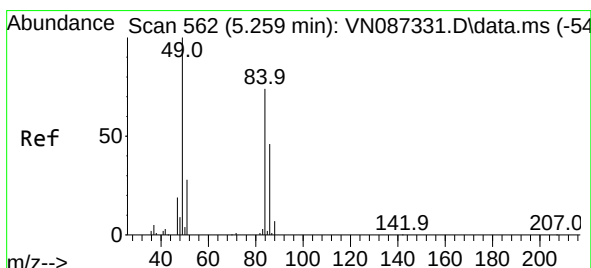
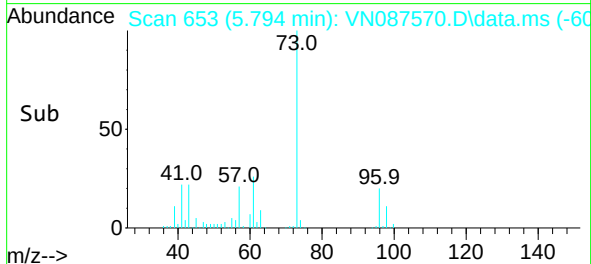
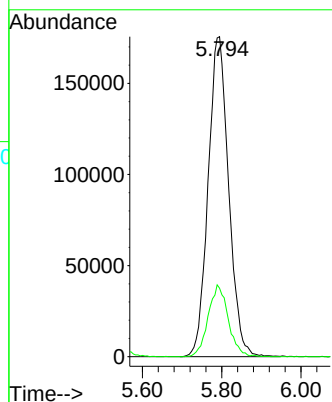
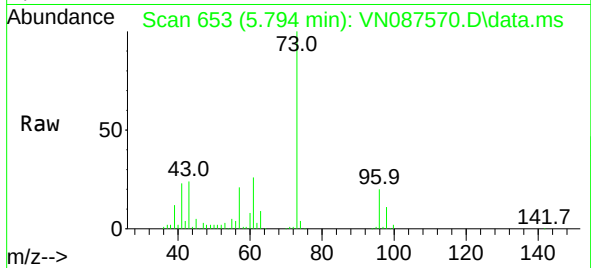




#19
Methyl tert-butyl Ether
Concen: 59.475 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087570.D
Acq: 14 Aug 2025 16:49

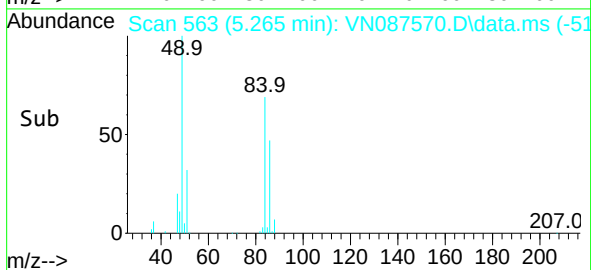
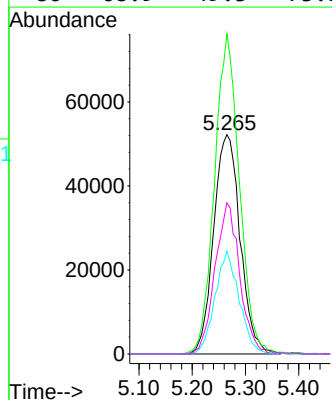
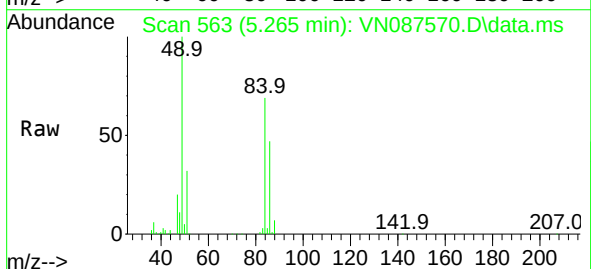
Instrument :
MSVOA_N
ClientSampleId :

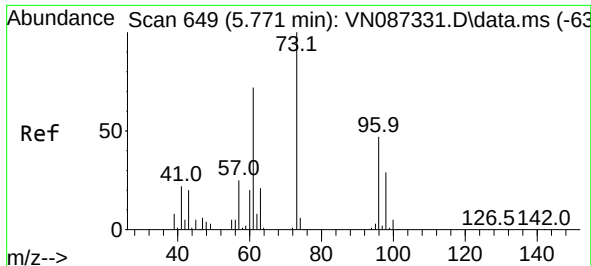
Tgt Ion: 73 Resp: 630203
Ion Ratio Lower Upper
73 100
57 21.4 18.6 27.8



#20
Methylene Chloride
Concen: 53.387 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.006 min
Lab File: VN087570.D
Acq: 14 Aug 2025 16:49

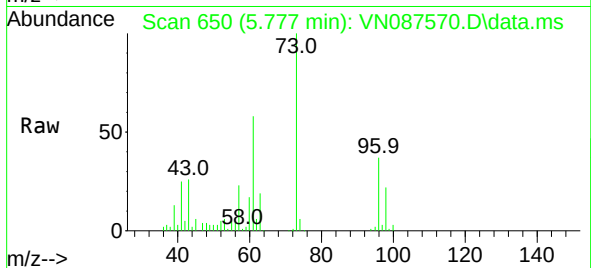
Tgt Ion: 84 Resp: 180635
Ion Ratio Lower Upper
84 100
49 145.8 107.5 161.3
51 46.8 30.2 45.2#
86 68.9 49.3 73.9



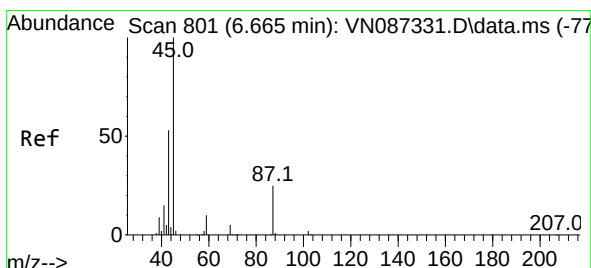
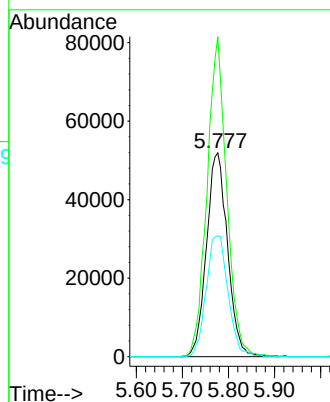
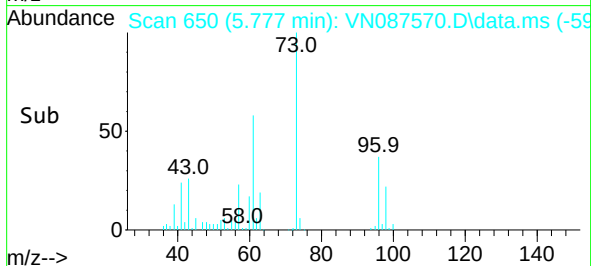


#21
trans-1,2-Dichloroethene
Concen: 50.918 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087570.D
Acq: 14 Aug 2025 16:49

Instrument :
MSVOA_N
ClientSampleId :

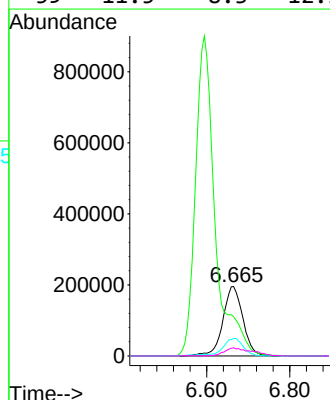
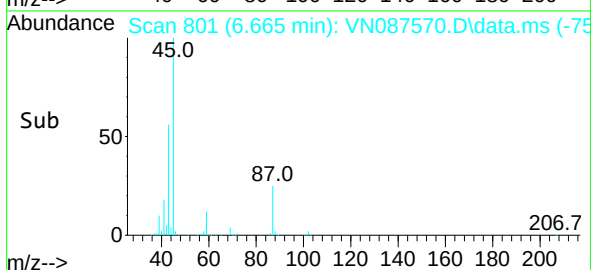
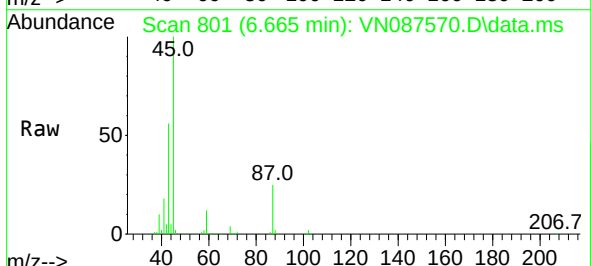


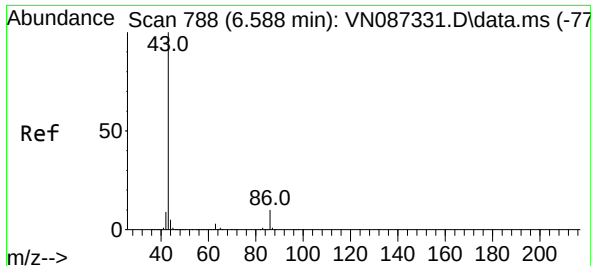
Tgt Ion: 96 Resp: 165046
Ion Ratio Lower Upper
96 100
61 156.9 122.0 183.0
98 59.3 50.0 75.0



#22
Diisopropyl ether
Concen: 59.843 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN087570.D
Acq: 14 Aug 2025 16:49

Tgt Ion: 45 Resp: 653071
Ion Ratio Lower Upper
45 100
43 55.6 42.8 64.2
87 25.1 19.8 29.6
59 11.5 8.3 12.5

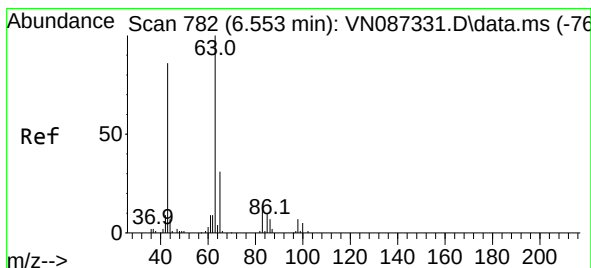
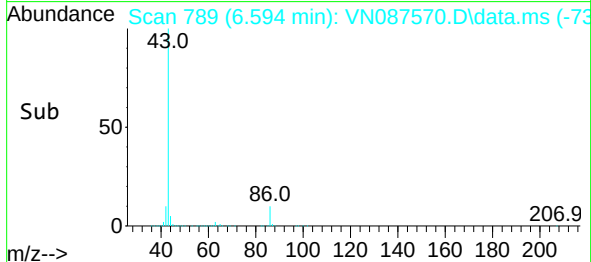
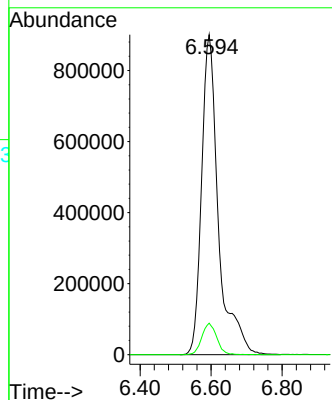
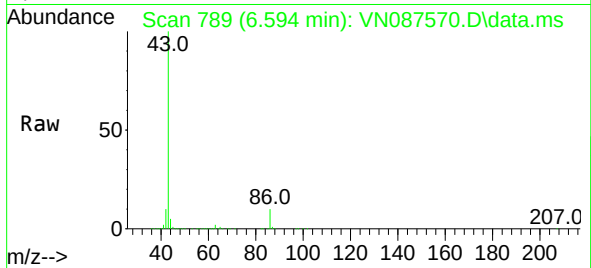




#23
 Vinyl Acetate
 Concen: 310.532 ug/l
 RT: 6.594 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VN087570.D
 Acq: 14 Aug 2025 16:49

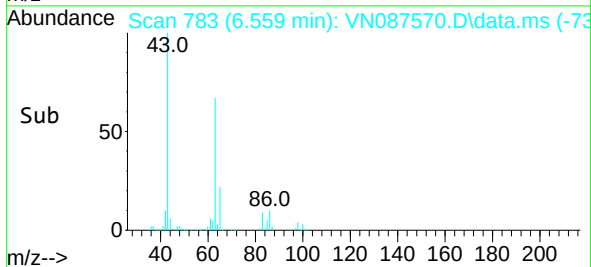
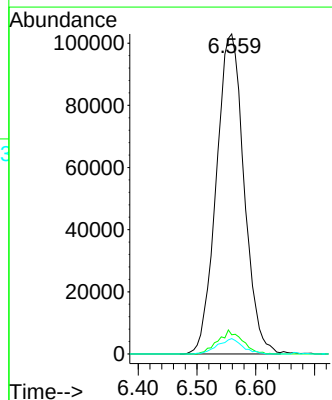
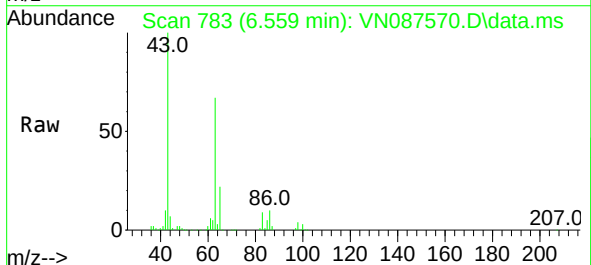
Instrument :
 MSVOA_N
 ClientSampleId :

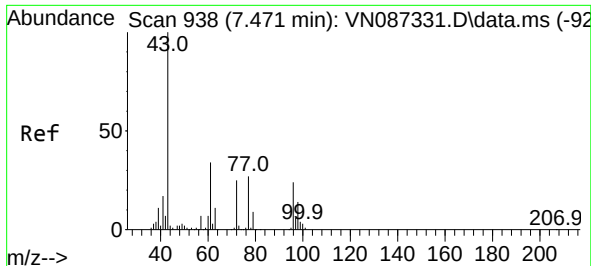
Tgt Ion: 43 Resp: 2963851
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.7 11.5



#24
 1,1-Dichloroethane
 Concen: 53.599 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. 0.006 min
 Lab File: VN087570.D
 Acq: 14 Aug 2025 16:49

Tgt Ion: 63 Resp: 337459
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.3 9.9
 100 4.8 2.5 7.4

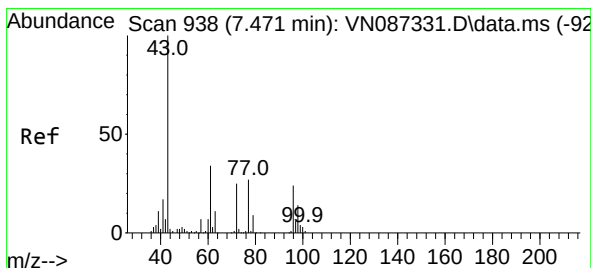
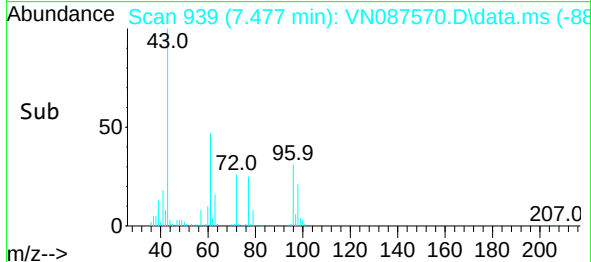
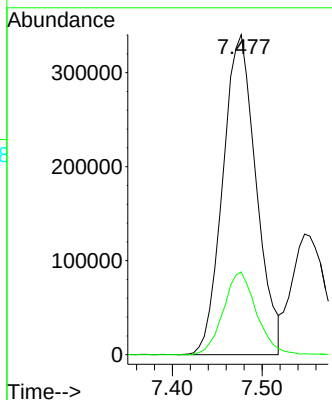
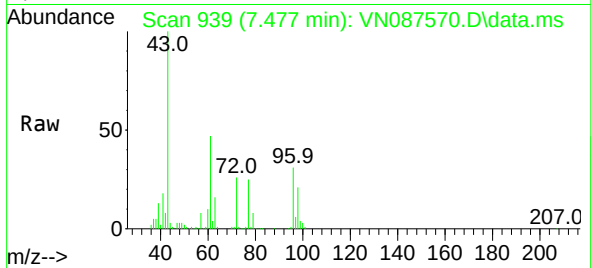




#25
2-Butanone
Concen: 284.512 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087570.D
Acq: 14 Aug 2025 16:49

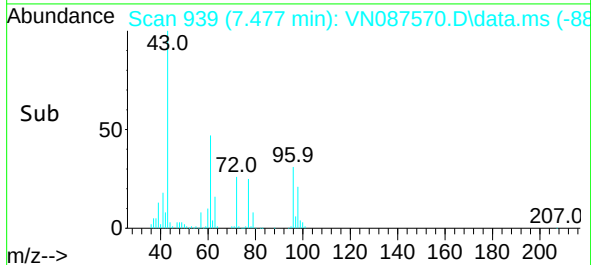
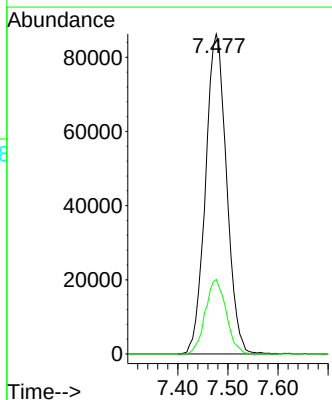
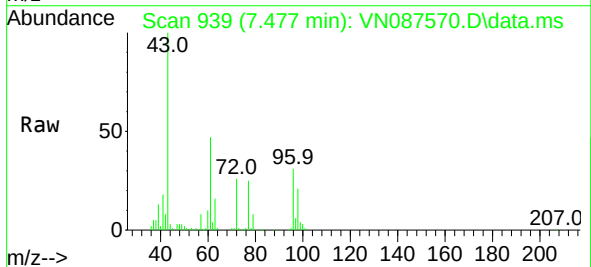
Instrument :
MSVOA_N
ClientSampleId :

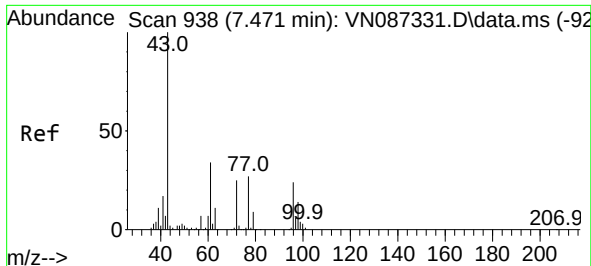
Tgt Ion: 43 Resp: 880575
Ion Ratio Lower Upper
43 100
72 25.9 19.6 29.4



#26
2,2-Dichloropropane
Concen: 51.450 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.006 min
Lab File: VN087570.D
Acq: 14 Aug 2025 16:49

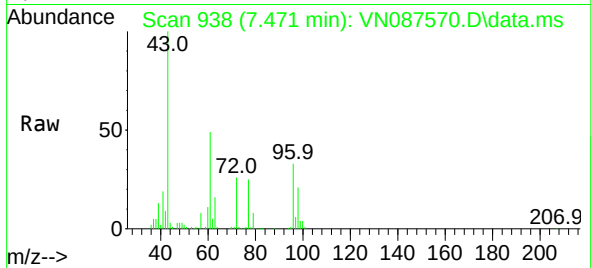
Tgt Ion: 77 Resp: 251846
Ion Ratio Lower Upper
77 100
97 23.0 11.1 33.1





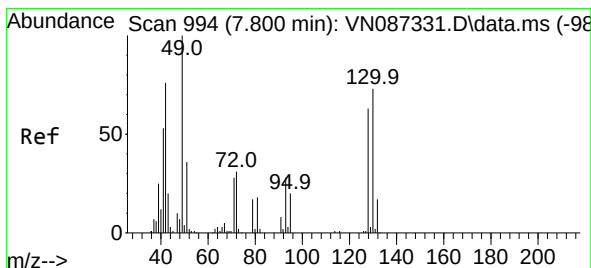
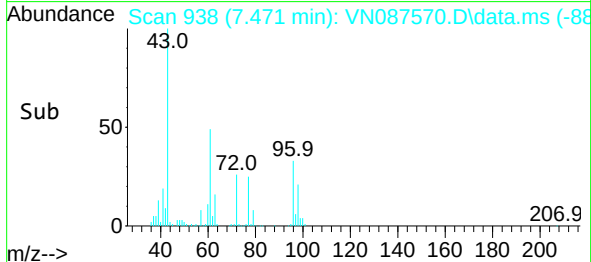
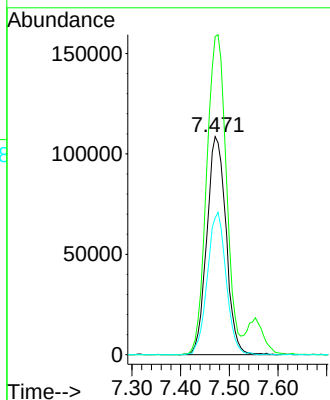
#27
 cis-1,2-Dichloroethene
 Concen: 79.572 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN087570.D
 Acq: 14 Aug 2025 16:49

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 96 Resp: 296951

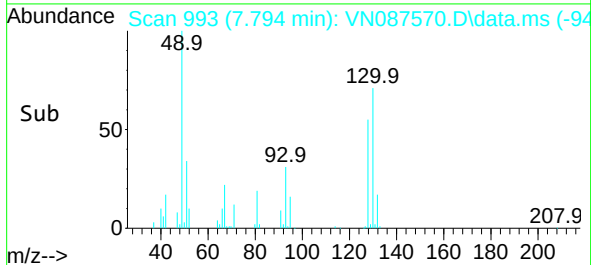
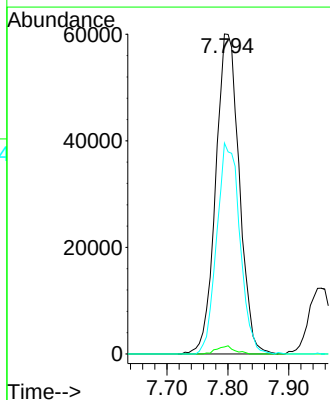
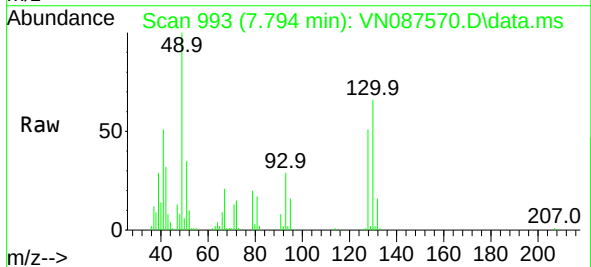
Ion	Ratio	Lower	Upper
96	100		
61	150.5	0.0	297.8
98	63.9	0.0	132.4

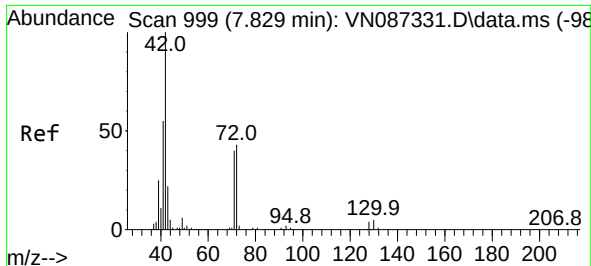


#28
 Bromochloromethane
 Concen: 53.528 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN087570.D
 Acq: 14 Aug 2025 16:49

Tgt Ion: 49 Resp: 161291

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.2
130	64.8	57.3	85.9





#29

Tetrahydrofuran

Concen: 288.074 ug/l

RT: 7.830 min Scan# 999

Delta R.T. 0.000 min

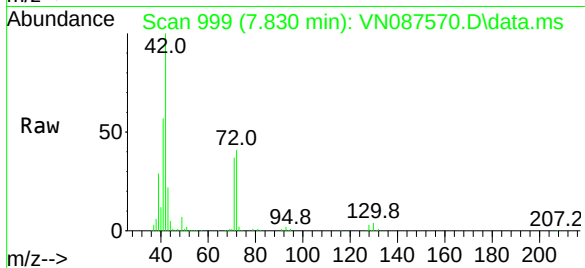
Lab File: VN087570.D

Acq: 14 Aug 2025 16:49

Instrument :

MSVOA_N

ClientSampleId :



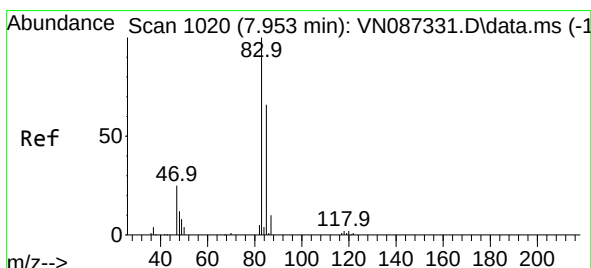
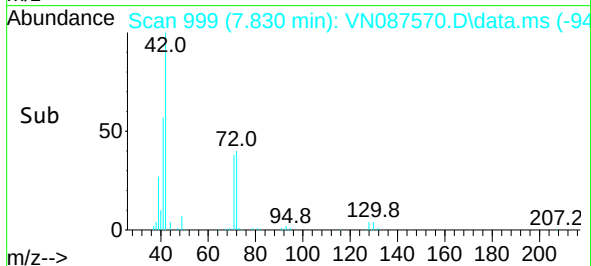
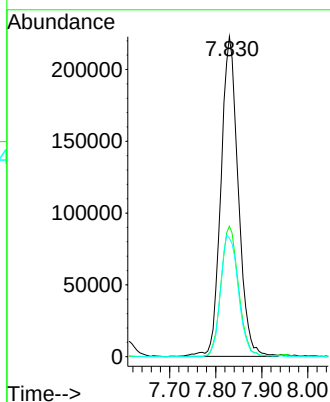
Tgt Ion: 42 Resp: 579208

Ion Ratio Lower Upper

42 100

72 41.2 33.4 50.0

71 39.4 31.2 46.8



#30

Chloroform

Concen: 57.974 ug/l

RT: 7.953 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VN087570.D

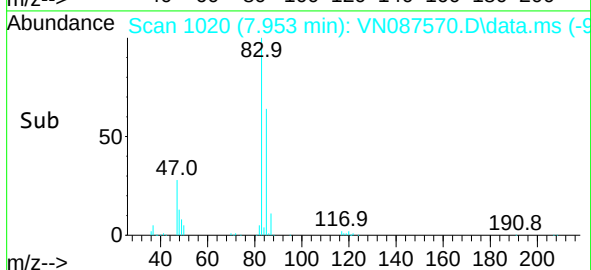
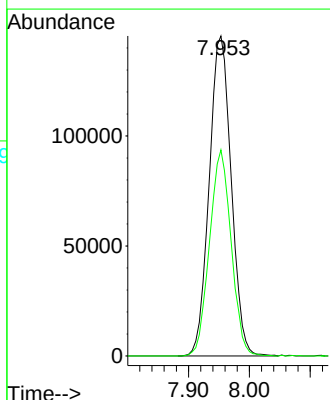
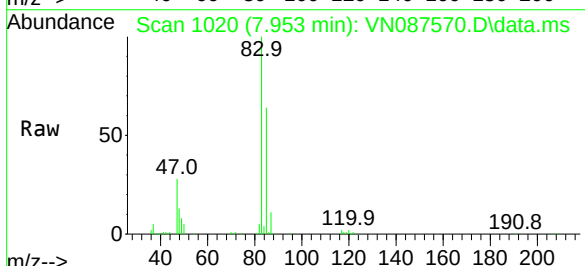
Acq: 14 Aug 2025 16:49

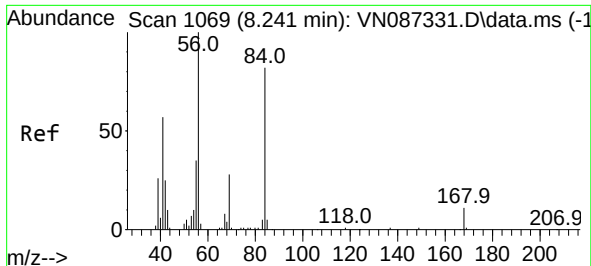
Tgt Ion: 83 Resp: 365342

Ion Ratio Lower Upper

83 100

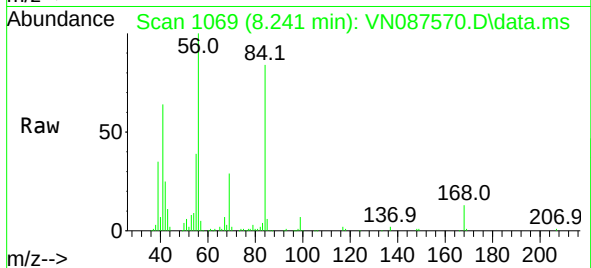
85 64.4 52.7 79.1



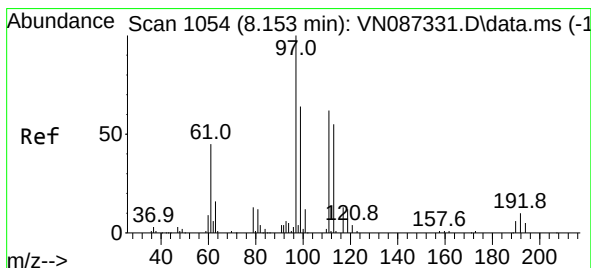
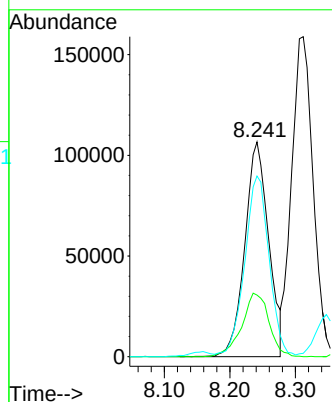
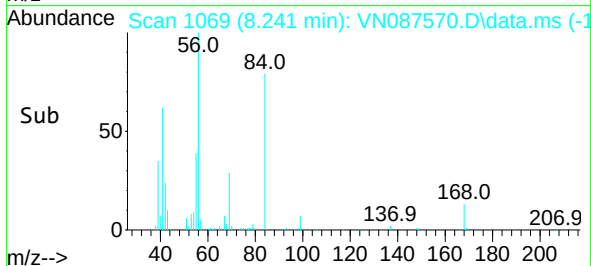


#31
Cyclohexane
Concen: 51.302 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN087570.D
Acq: 14 Aug 2025 16:49

Instrument :
MSVOA_N
ClientSampleId :

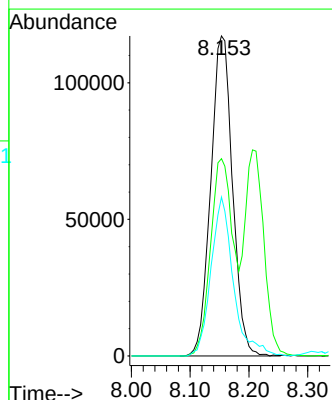
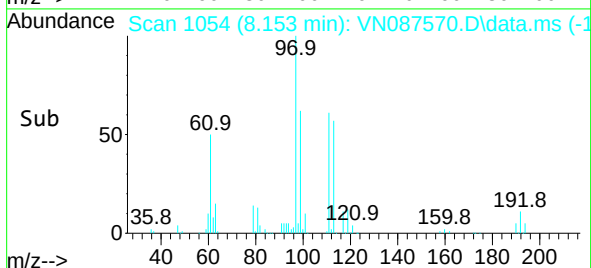
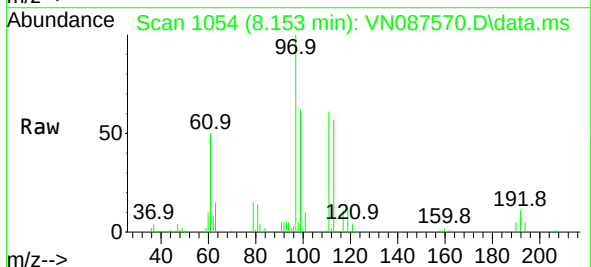


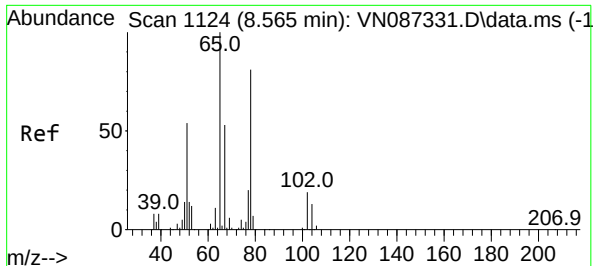
Tgt Ion: 56 Resp: 269452
Ion Ratio Lower Upper
56 100
69 28.5 22.7 34.1
84 83.6 65.8 98.6



#32
1,1,1-Trichloroethane
Concen: 55.199 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN087570.D
Acq: 14 Aug 2025 16:49

Tgt Ion: 97 Resp: 301283
Ion Ratio Lower Upper
97 100
99 63.5 51.8 77.8
61 50.9 38.7 58.1





#33

1,2-Dichloroethane-d4

Concen: 54.569 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. 0.000 min

Lab File: VN087570.D

Acq: 14 Aug 2025 16:49

Instrument :

MSVOA_N

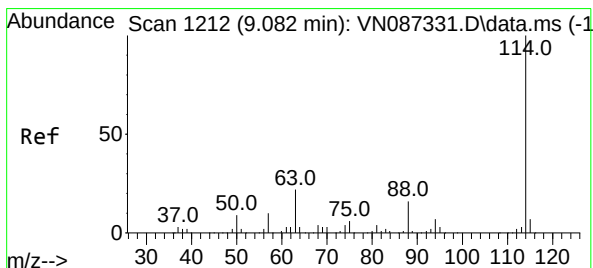
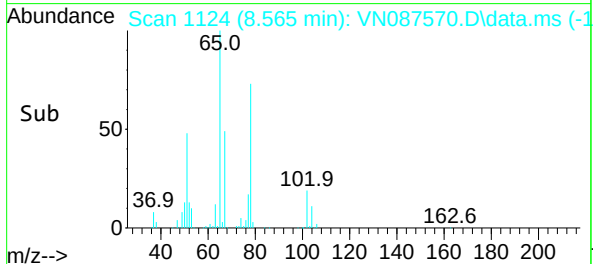
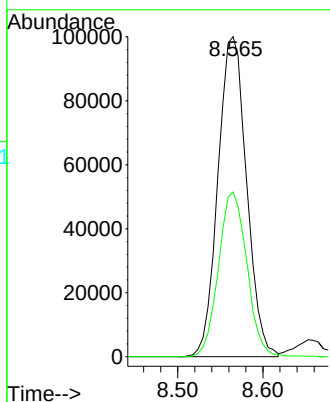
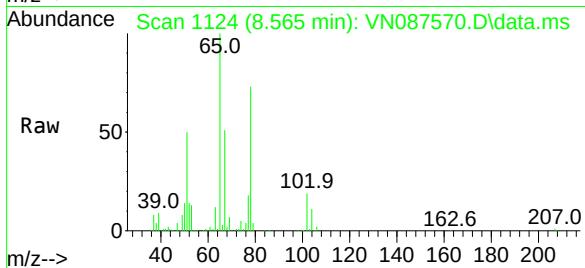
ClientSampleId :

Tgt Ion: 65 Resp: 233131

Ion Ratio Lower Upper

65 100

67 51.1 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: VN087570.D

Acq: 14 Aug 2025 16:49

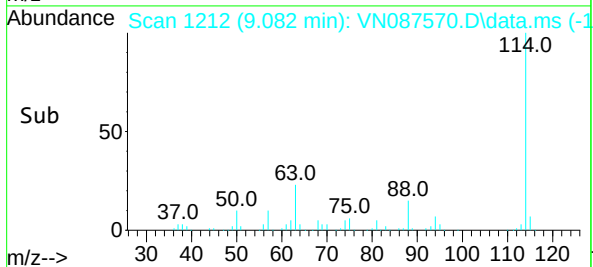
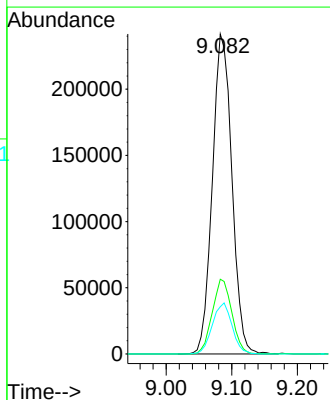
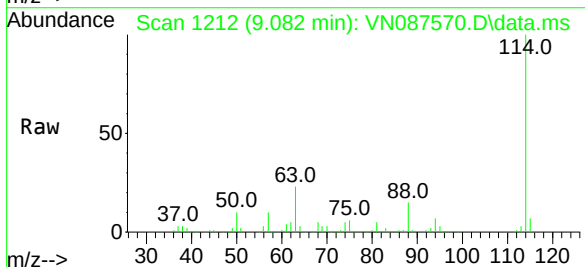
Tgt Ion: 114 Resp: 498703

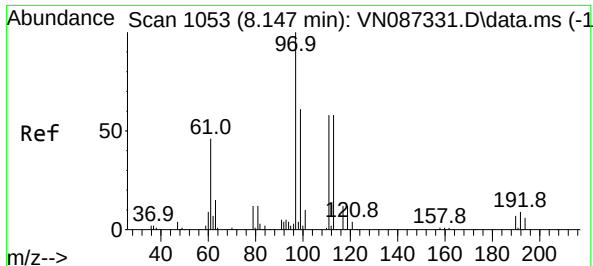
Ion Ratio Lower Upper

114 100

63 23.3 0.0 44.6

88 14.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 46.739 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.006 min

Lab File: VN087570.D

Acq: 14 Aug 2025 16:49

Instrument :

MSVOA_N

ClientSampleId :

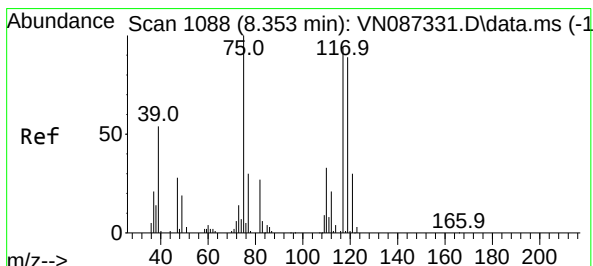
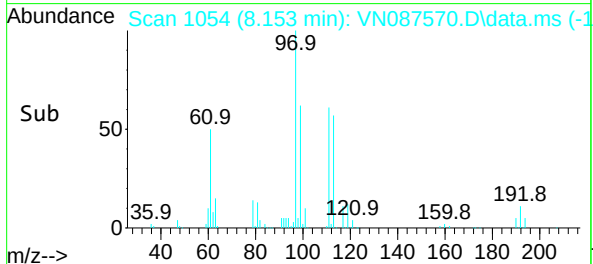
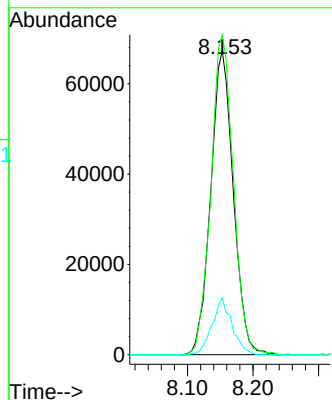
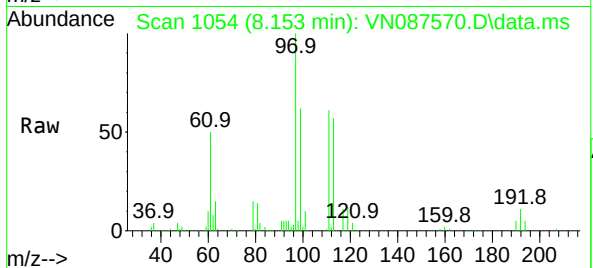
Tgt Ion:113 Resp: 160785

Ion Ratio Lower Upper

113 100

111 104.8 82.5 123.7

192 16.5 13.7 20.5



#36

1,1-Dichloropropene

Concen: 51.172 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VN087570.D

Acq: 14 Aug 2025 16:49

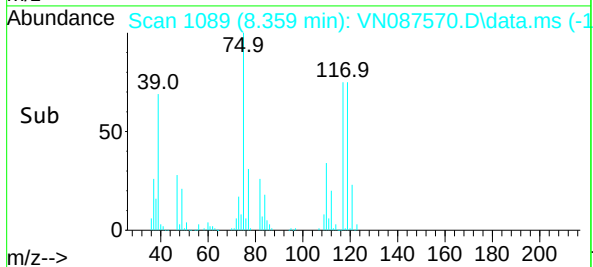
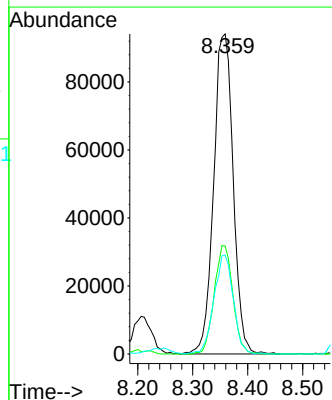
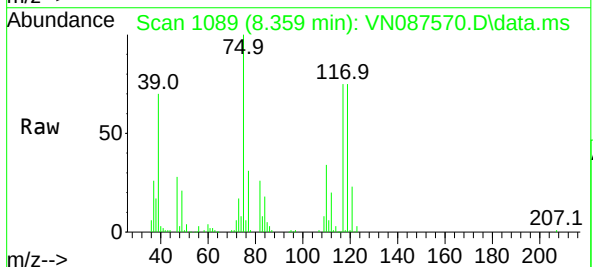
Tgt Ion: 75 Resp: 232570

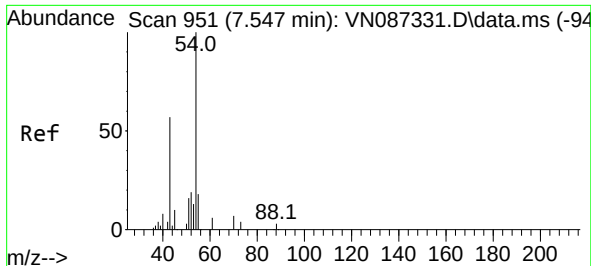
Ion Ratio Lower Upper

75 100

110 32.3 16.7 50.1

77 30.6 25.2 37.8

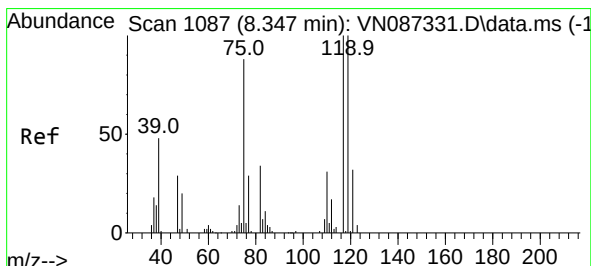
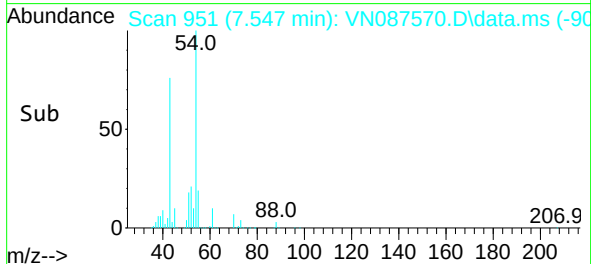
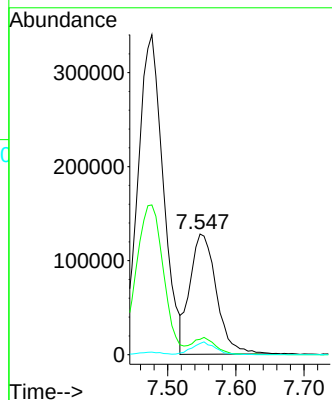
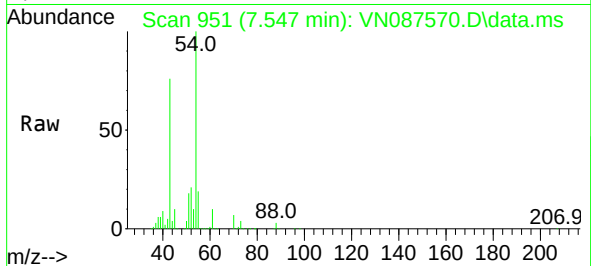




#37
Ethyl Acetate
Concen: 52.488 ug/l
RT: 7.547 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087570.D
Acq: 14 Aug 2025 16:49

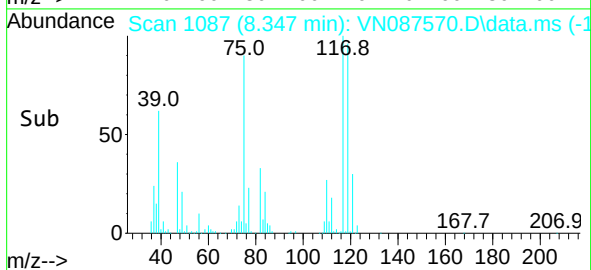
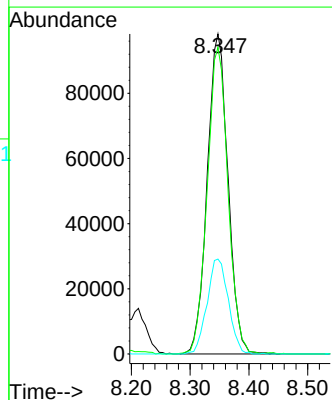
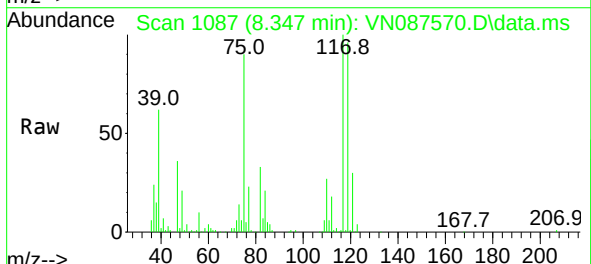
Instrument :
MSVOA_N
ClientSampleId :

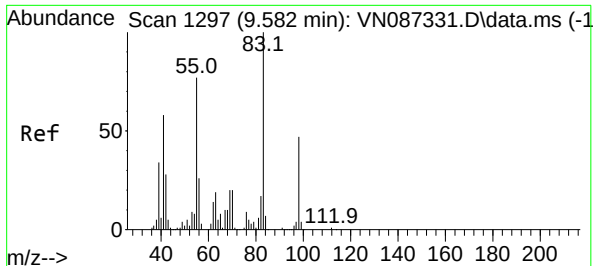
Tgt Ion: 43 Resp: 344525
Ion Ratio Lower Upper
43 100
61 12.5 10.9 16.3
70 9.3 7.4 11.0



#38
Carbon Tetrachloride
Concen: 48.100 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.000 min
Lab File: VN087570.D
Acq: 14 Aug 2025 16:49

Tgt Ion: 117 Resp: 240818
Ion Ratio Lower Upper
117 100
119 95.8 80.2 120.2
121 29.6 25.4 38.2





#39

Methylcyclohexane

Concen: 51.086 ug/l

RT: 9.582 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN087570.D

Acq: 14 Aug 2025 16:49

Instrument :

MSVOA_N

ClientSampleId :

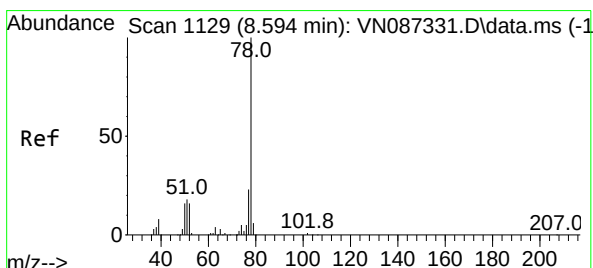
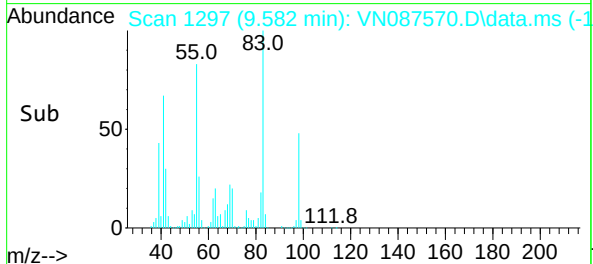
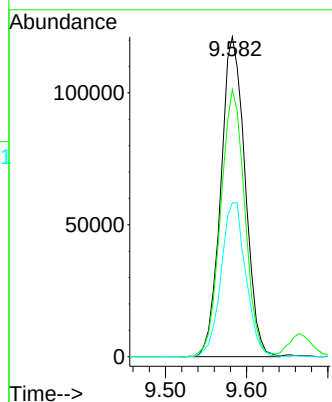
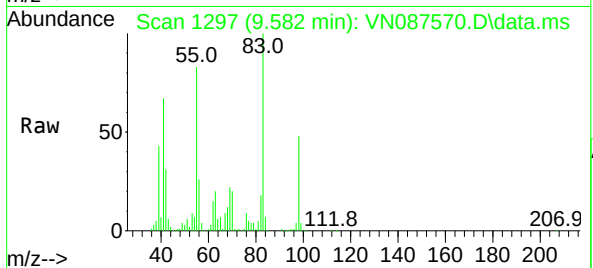
Tgt Ion: 83 Resp: 251368

Ion Ratio Lower Upper

83 100

55 83.5 61.3 91.9

98 48.1 37.9 56.9



#40

Benzene

Concen: 50.980 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN087570.D

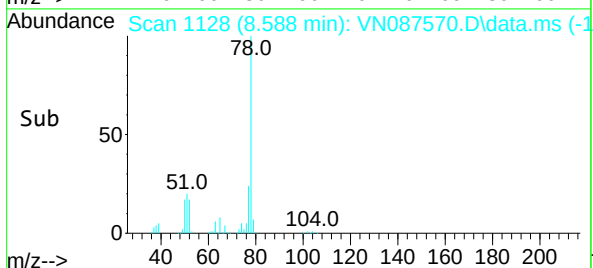
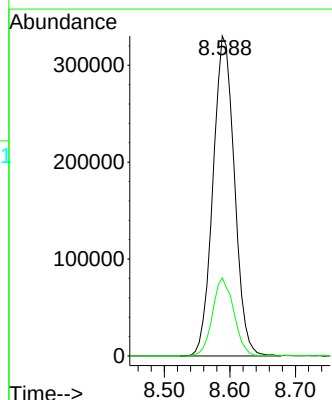
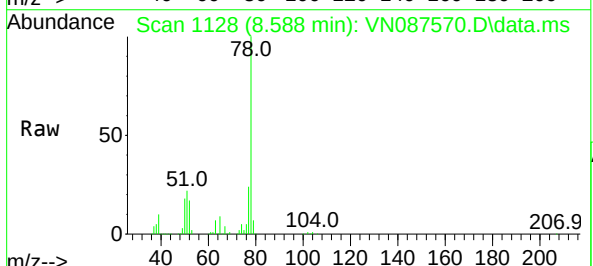
Acq: 14 Aug 2025 16:49

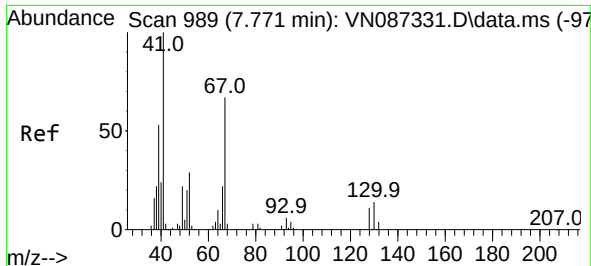
Tgt Ion: 78 Resp: 748859

Ion Ratio Lower Upper

78 100

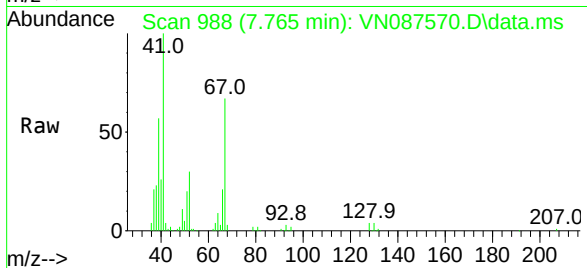
77 24.4 18.2 27.2



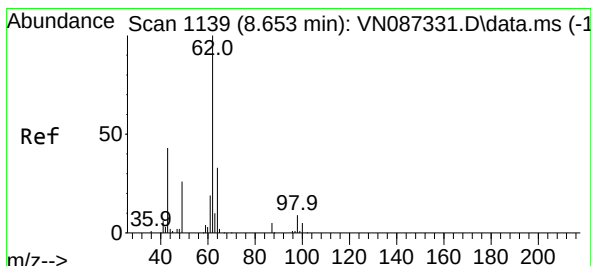
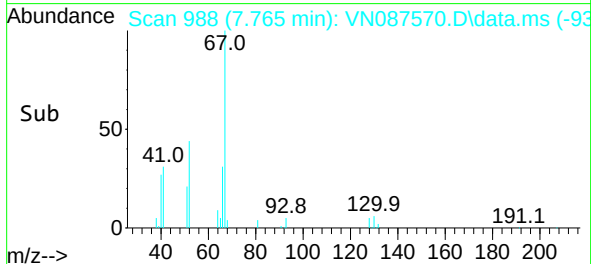
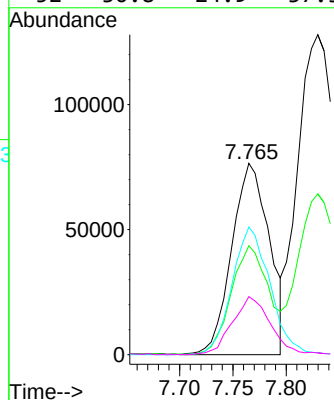


#41
Methacrylonitrile
Concen: 54.823 ug/l
RT: 7.765 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087570.D
Acq: 14 Aug 2025 16:49

Instrument :
MSVOA_N
ClientSampleId :

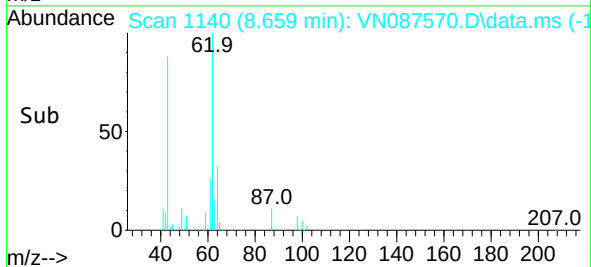
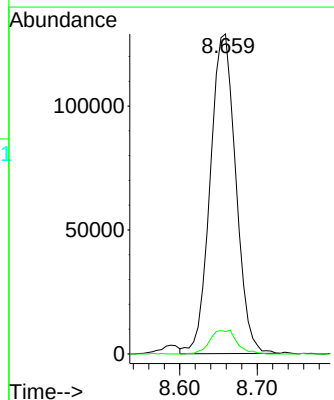
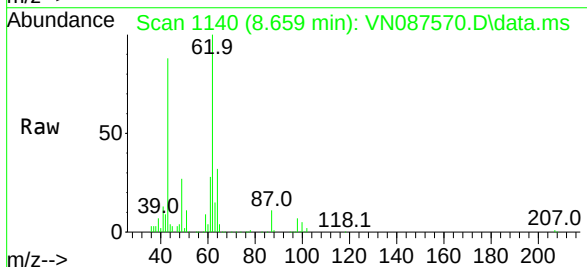


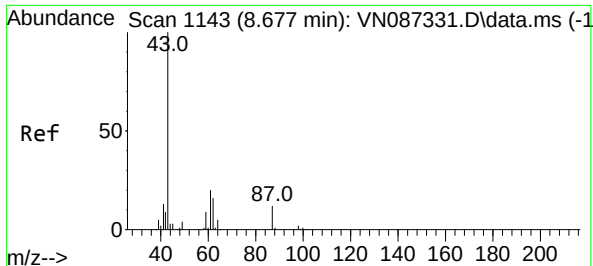
Tgt Ion:	41	Resp:	188160
Ion	Ratio	Lower	Upper
41	100		
39	57.2	43.4	65.0
67	67.2	55.1	82.7
52	30.8	24.9	37.3



#42
1,2-Dichloroethane
Concen: 53.067 ug/l
RT: 8.659 min Scan# 1140
Delta R.T. 0.006 min
Lab File: VN087570.D
Acq: 14 Aug 2025 16:49

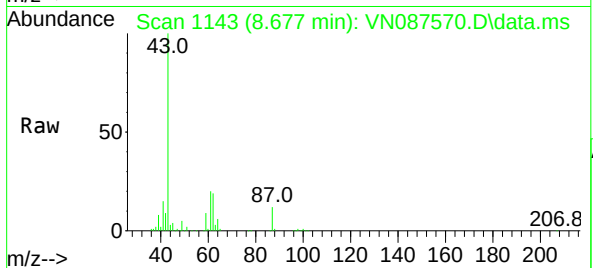
Tgt Ion:	62	Resp:	295609
Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	18.0



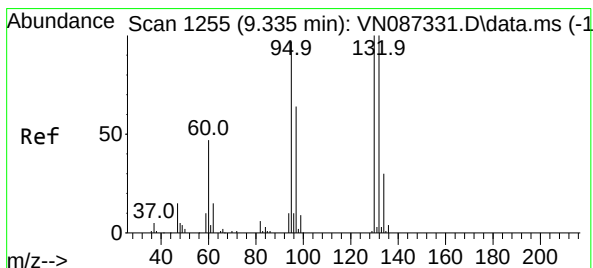
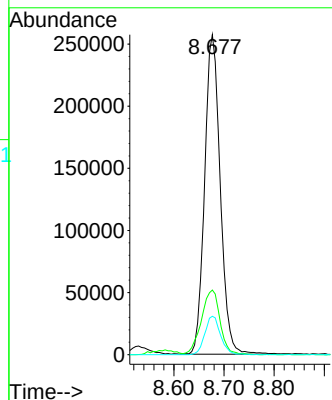
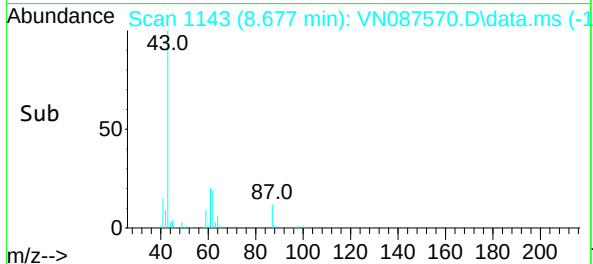


#43
Isopropyl Acetate
Concen: 54.740 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087570.D
Acq: 14 Aug 2025 16:49

Instrument :
MSVOA_N
ClientSampleId :

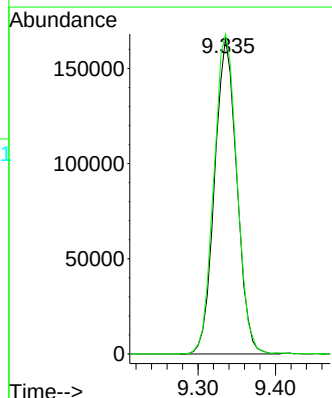
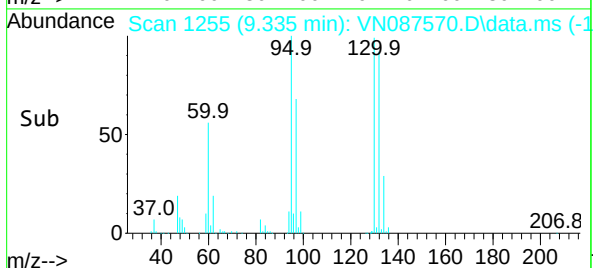
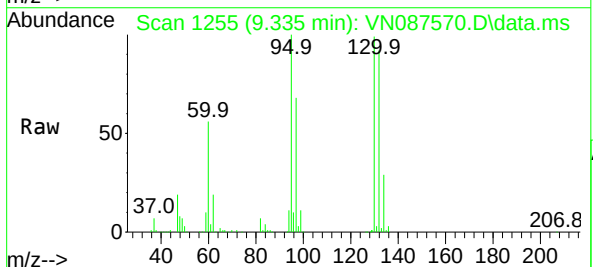


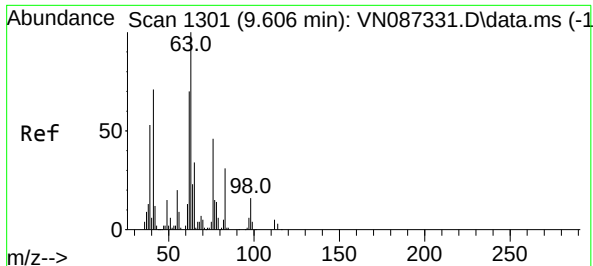
Tgt Ion: 43 Resp: 557773
Ion Ratio Lower Upper
43 100
61 24.2 19.8 29.8
87 12.1 9.8 14.6



#44
Trichloroethene
Concen: 95.214 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN087570.D
Acq: 14 Aug 2025 16:49

Tgt Ion:130 Resp: 330475
Ion Ratio Lower Upper
130 100
95 101.4 0.0 195.2





#45

1,2-Dichloropropane

Concen: 51.231 ug/l

RT: 9.606 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087570.D

Acq: 14 Aug 2025 16:49

Instrument :

MSVOA_N

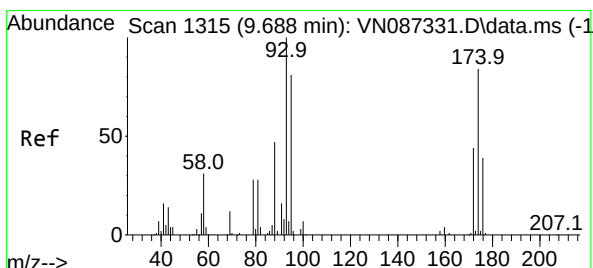
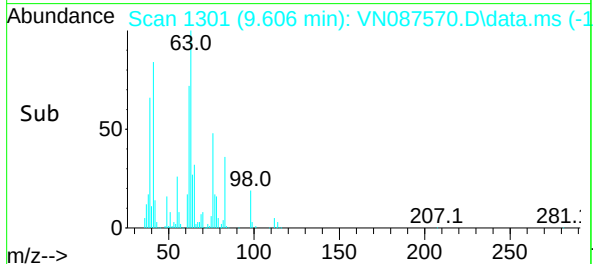
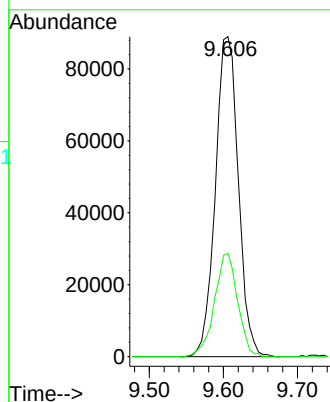
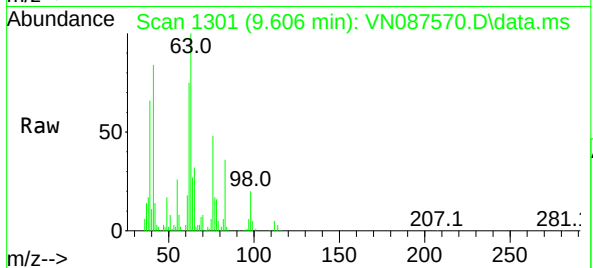
ClientSampleId :

Tgt Ion: 63 Resp: 191212

Ion Ratio Lower Upper

63 100

65 32.4 27.0 40.4



#46

Dibromomethane

Concen: 50.488 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN087570.D

Acq: 14 Aug 2025 16:49

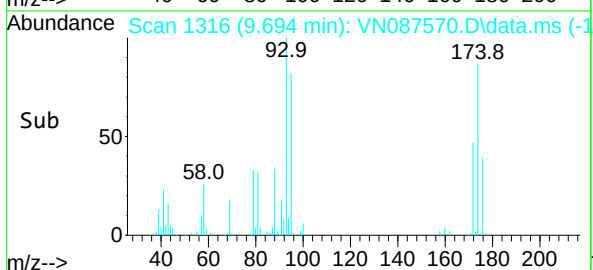
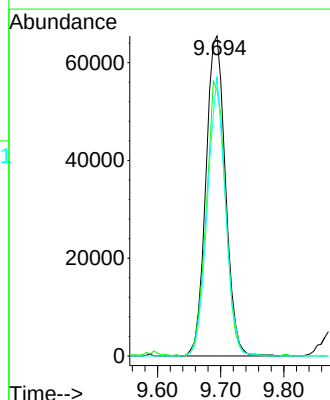
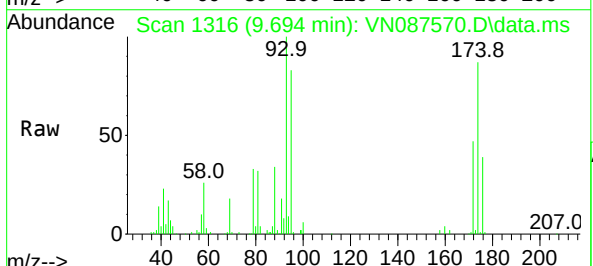
Tgt Ion: 93 Resp: 141089

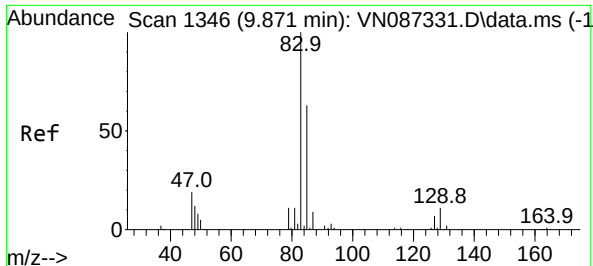
Ion Ratio Lower Upper

93 100

95 84.5 65.8 98.8

174 80.4 69.9 104.9





#47

Bromodichloromethane

Concen: 51.174 ug/l

RT: 9.871 min Scan# 1346

Delta R.T. 0.000 min

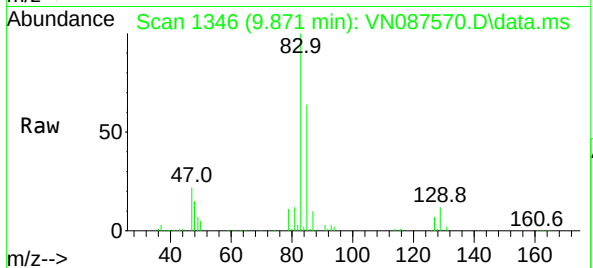
Lab File: VN087570.D

Acq: 14 Aug 2025 16:49

Instrument :

MSVOA_N

ClientSampleId :



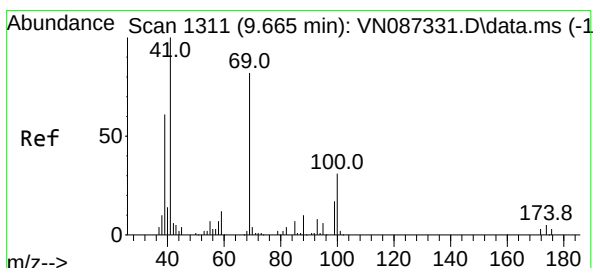
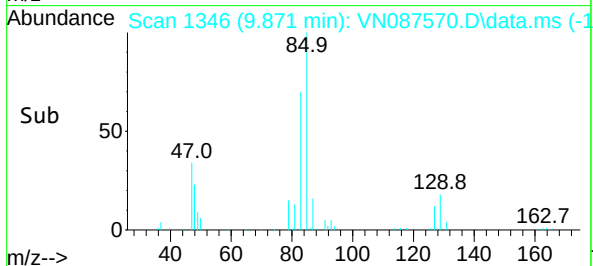
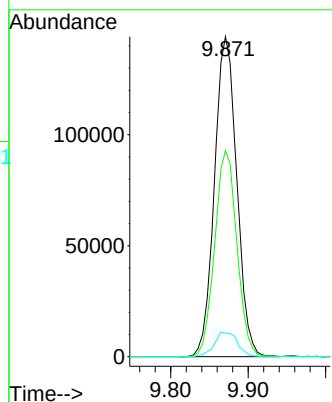
Tgt Ion: 83 Resp: 288056

Ion Ratio Lower Upper

83 100

85 64.4 50.4 75.6

127 7.4 5.8 8.8



#48

Methyl methacrylate

Concen: 58.477 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VN087570.D

Acq: 14 Aug 2025 16:49

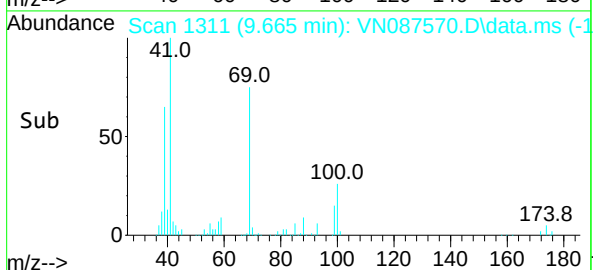
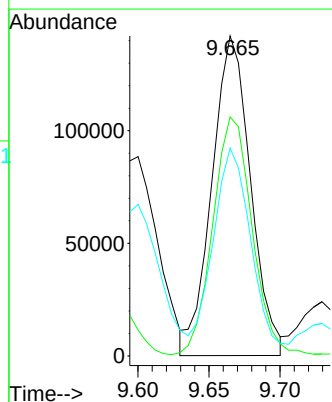
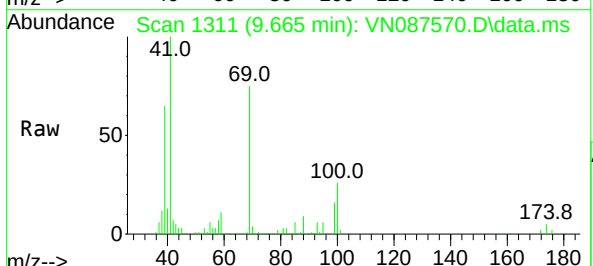
Tgt Ion: 41 Resp: 268246

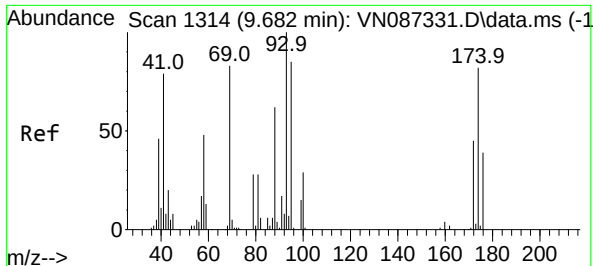
Ion Ratio Lower Upper

41 100

69 77.2 64.1 96.1

39 64.3 45.5 68.3





#49

1,4-Dioxane

Concen: 1065.478 ug/l

RT: 9.682 min Scan# 11

Delta R.T. 0.000 min

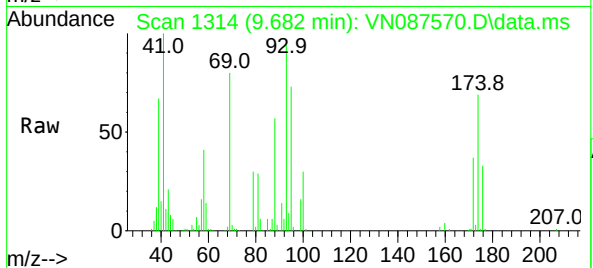
Lab File: VN087570.D

Acq: 14 Aug 2025 16:49

Instrument :

MSVOA_N

ClientSampleId :



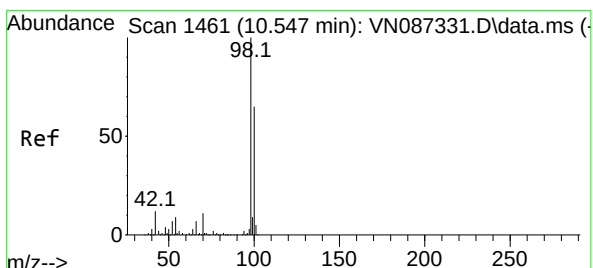
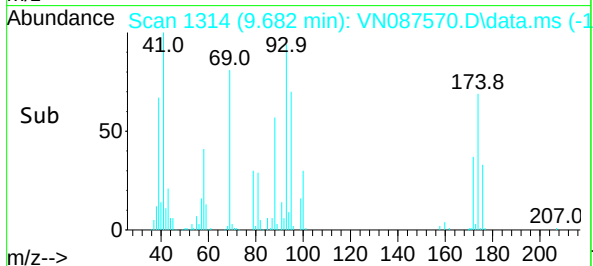
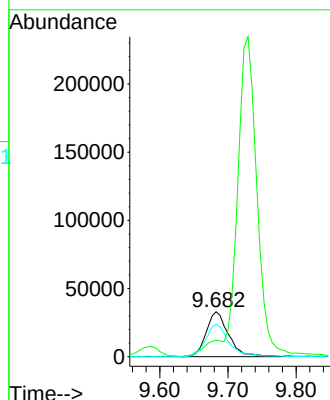
Tgt Ion: 88 Resp: 74858

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 76.0 61.1 91.7



#50

Toluene-d8

Concen: 48.202 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VN087570.D

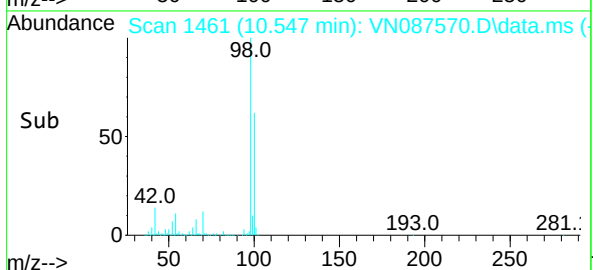
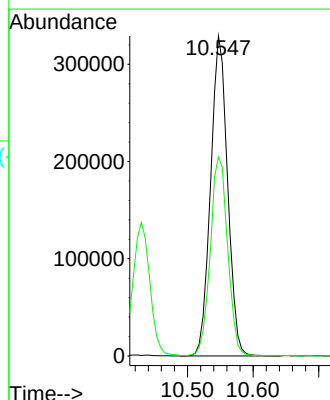
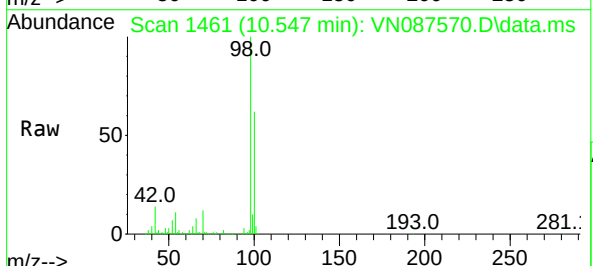
Acq: 14 Aug 2025 16:49

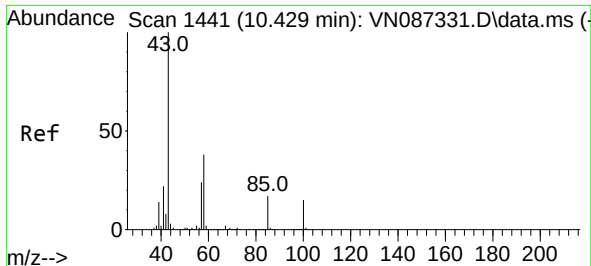
Tgt Ion: 98 Resp: 591485

Ion Ratio Lower Upper

98 100

100 63.5 52.1 78.1

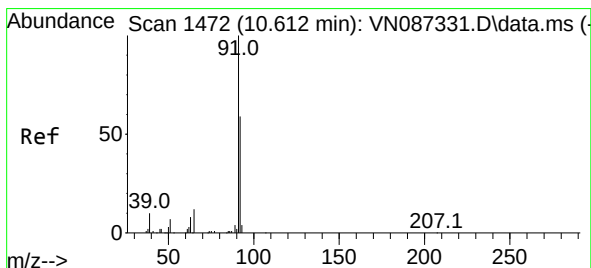
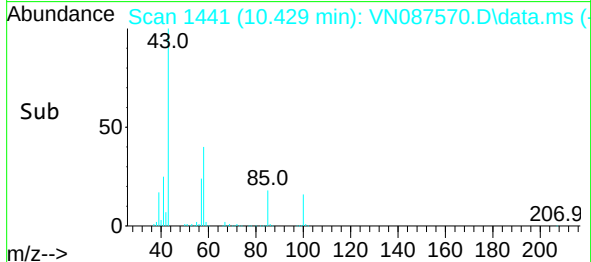
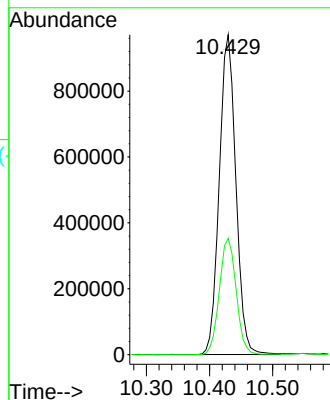
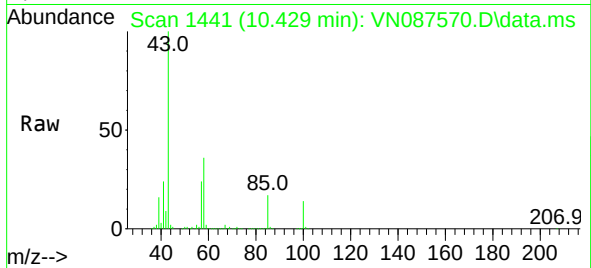




#51
4-Methyl-2-Pentanone
Concen: 275.360 ug/l
RT: 10.429 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VN087570.D
Acq: 14 Aug 2025 16:49

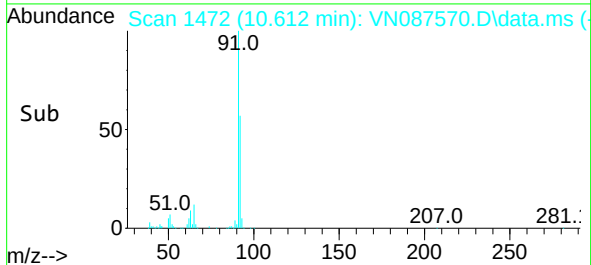
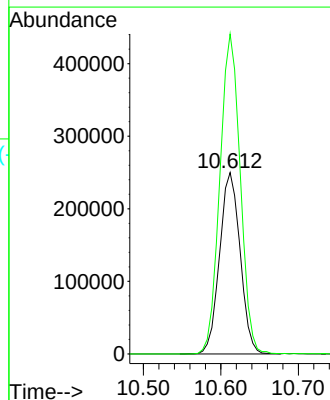
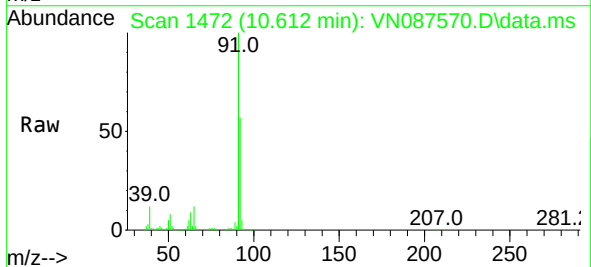
Instrument :
MSVOA_N
ClientSampleId :

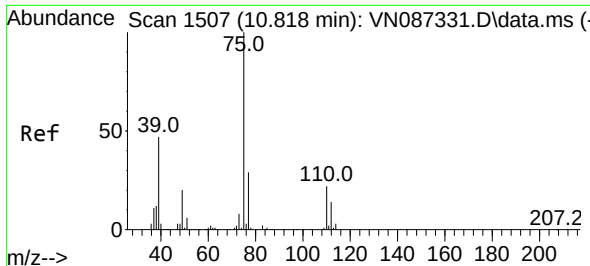
Tgt Ion: 43 Resp: 1774583
Ion Ratio Lower Upper
43 100
58 36.9 30.8 46.2



#52
Toluene
Concen: 51.563 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087570.D
Acq: 14 Aug 2025 16:49

Tgt Ion: 92 Resp: 460377
Ion Ratio Lower Upper
92 100
91 175.0 135.1 202.7

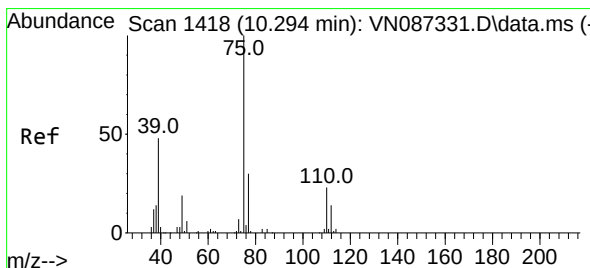
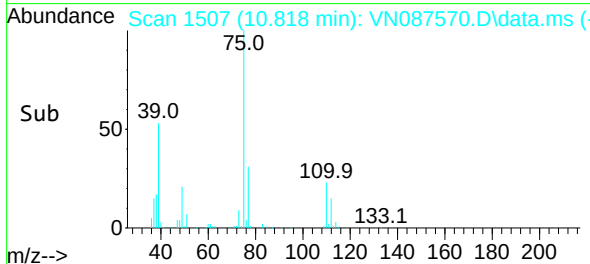
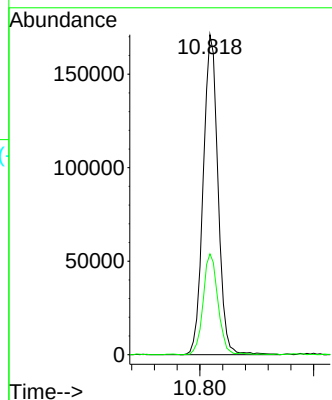
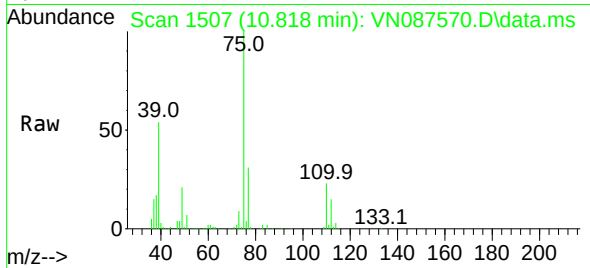




#53
t-1,3-Dichloropropene
Concen: 54.105 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN087570.D
Acq: 14 Aug 2025 16:49

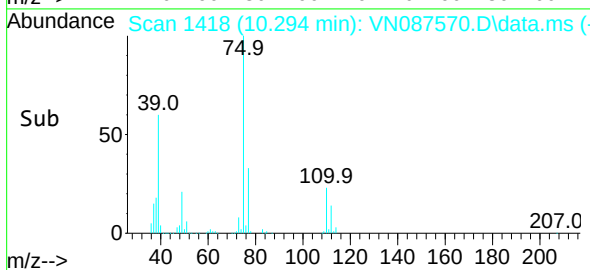
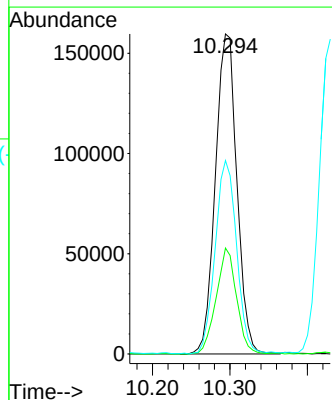
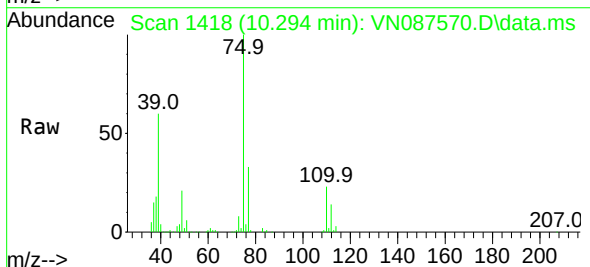
Instrument :
MSVOA_N
ClientSampleId :

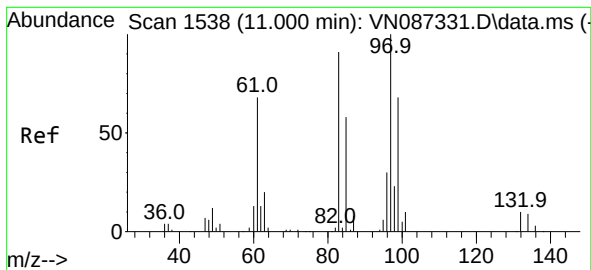
Tgt Ion: 75 Resp: 308221
Ion Ratio Lower Upper
75 100
77 31.5 23.6 35.4



#54
cis-1,3-Dichloropropene
Concen: 52.399 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN087570.D
Acq: 14 Aug 2025 16:49

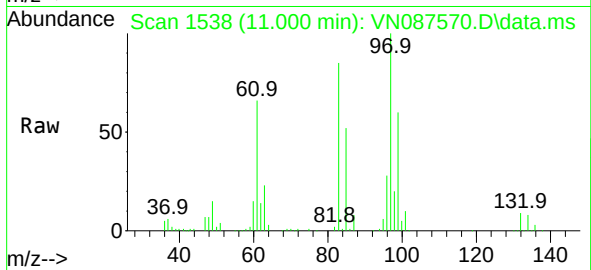
Tgt Ion: 75 Resp: 308333
Ion Ratio Lower Upper
75 100
77 33.1 24.2 36.2
39 60.3 38.4 57.6#



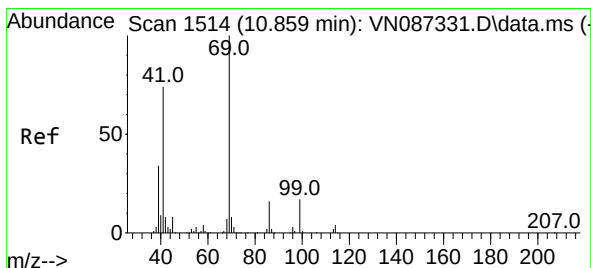
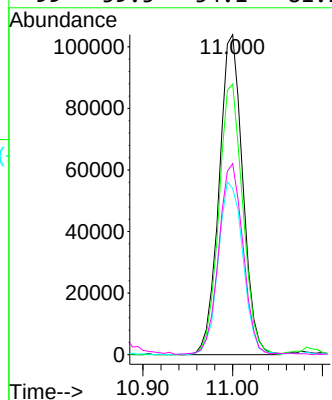
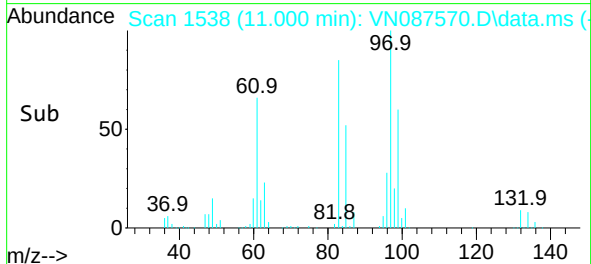


#55
1,1,2-Trichloroethane
Concen: 52.643 ug/l
RT: 11.000 min Scan# 1538
Delta R.T. 0.000 min
Lab File: VN087570.D
Acq: 14 Aug 2025 16:49

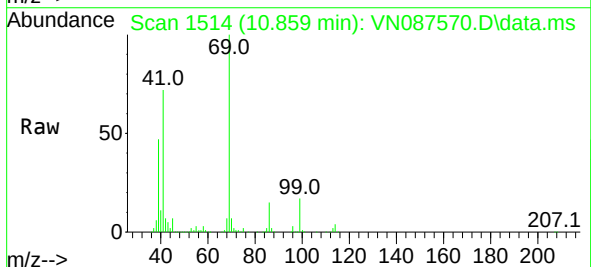
Instrument :
MSVOA_N
ClientSampleId :



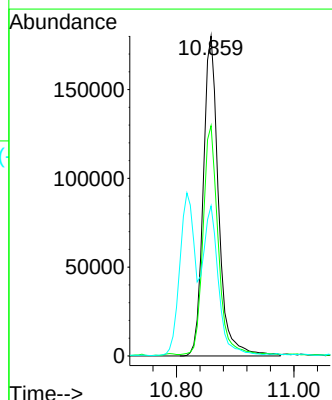
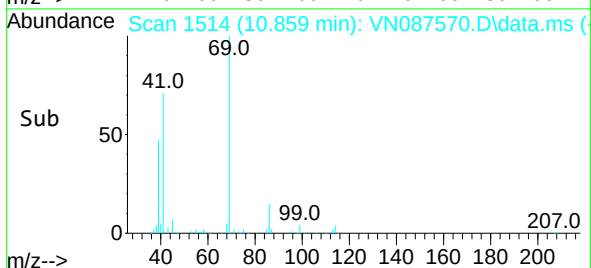
Tgt Ion: 97 Resp: 190288
Ion Ratio Lower Upper
97 100
83 84.6 72.6 109.0
85 51.8 46.7 70.1
99 59.5 54.1 81.1

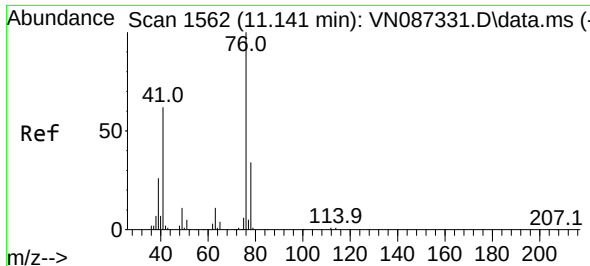


#56
Ethyl methacrylate
Concen: 53.587 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN087570.D
Acq: 14 Aug 2025 16:49



Tgt Ion: 69 Resp: 326690
Ion Ratio Lower Upper
69 100
41 69.8 55.1 82.7
39 42.5 27.9 41.9#





#57

1,3-Dichloropropane

Concen: 52.730 ug/l

RT: 11.147 min Scan# 1563

Delta R.T. 0.006 min

Lab File: VN087570.D

Acq: 14 Aug 2025 16:49

Instrument :

MSVOA_N

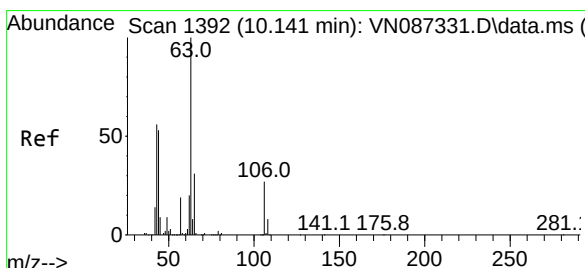
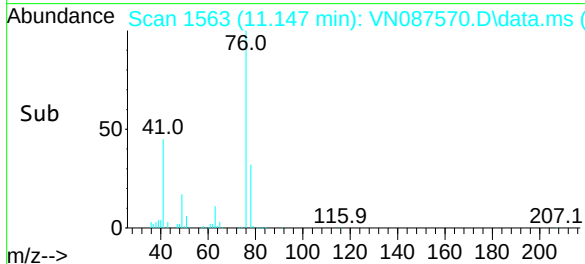
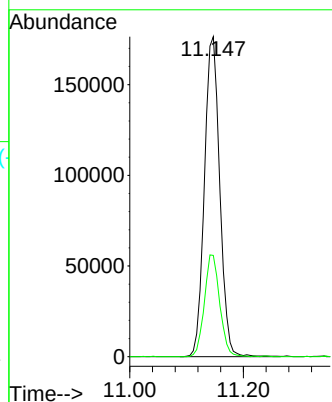
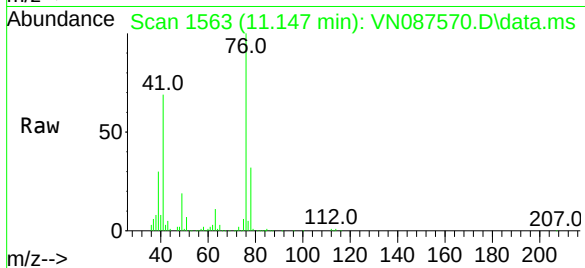
ClientSampleId :

Tgt Ion: 76 Resp: 329546

Ion Ratio Lower Upper

76 100

78 31.9 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 139.157 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VN087570.D

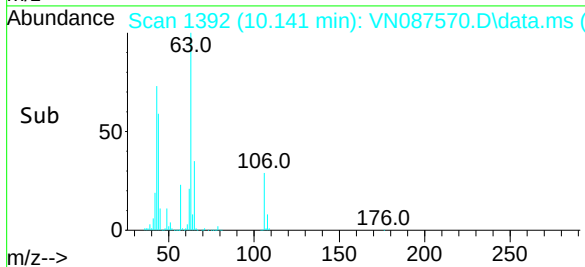
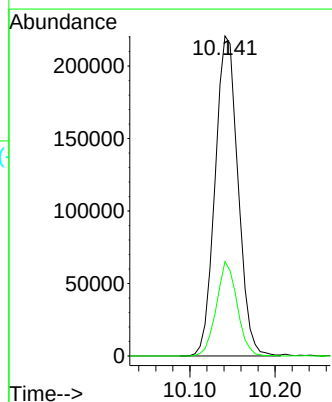
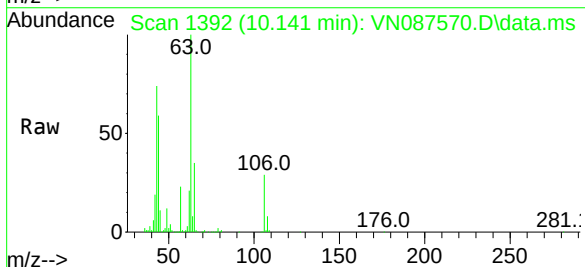
Acq: 14 Aug 2025 16:49

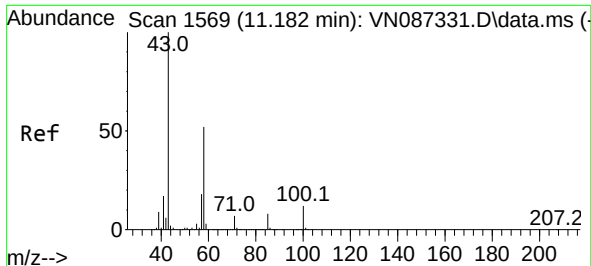
Tgt Ion: 63 Resp: 412625

Ion Ratio Lower Upper

63 100

106 26.7 21.7 32.5

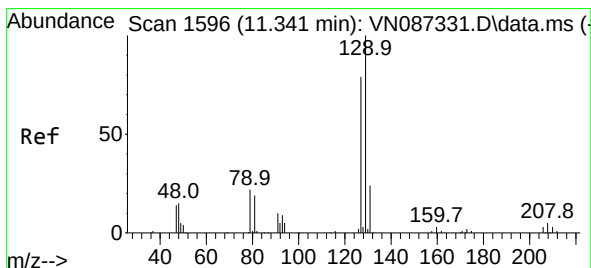
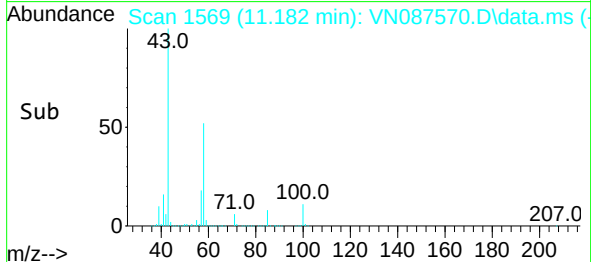
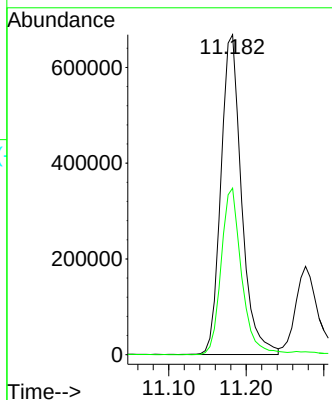
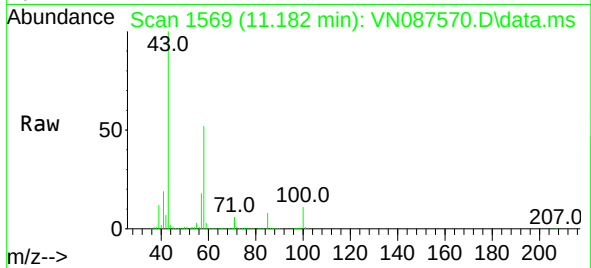




#59
2-Hexanone
Concen: 289.435 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VN087570.D
Acq: 14 Aug 2025 16:49

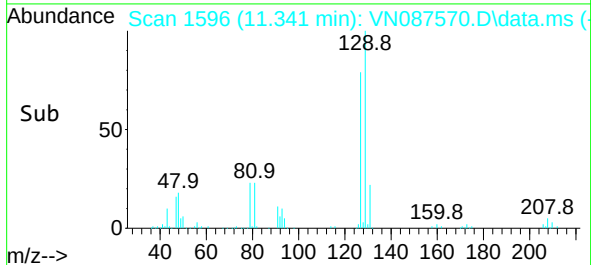
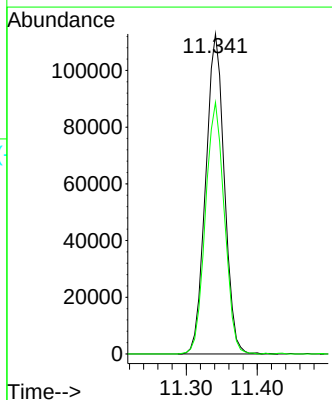
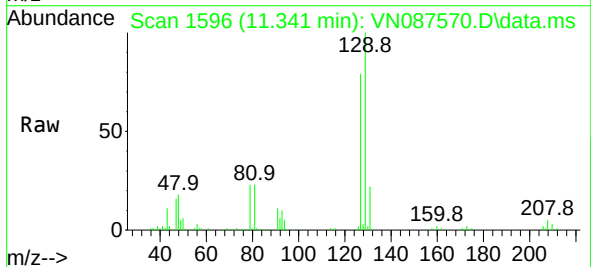
Instrument :
MSVOA_N
ClientSampleId :

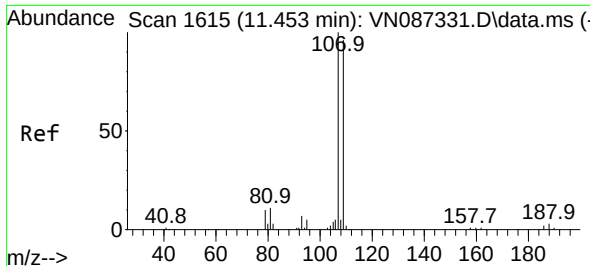
Tgt Ion: 43 Resp: 1237547
Ion Ratio Lower Upper
43 100
58 51.6 26.7 80.0



#60
Dibromochloromethane
Concen: 49.903 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VN087570.D
Acq: 14 Aug 2025 16:49

Tgt Ion: 129 Resp: 205718
Ion Ratio Lower Upper
129 100
127 80.0 39.1 117.5

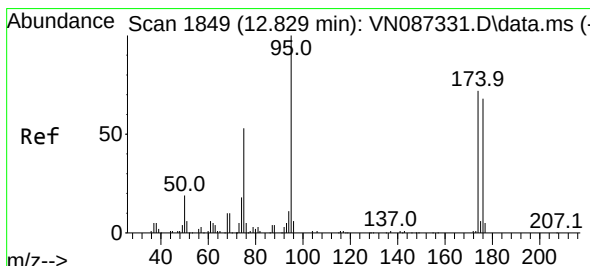
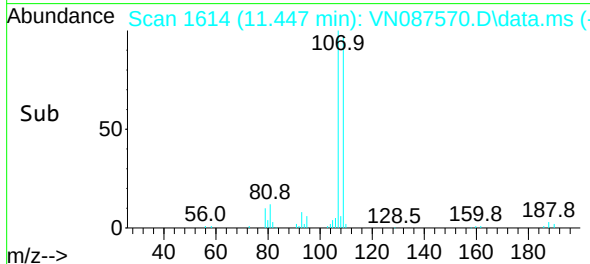
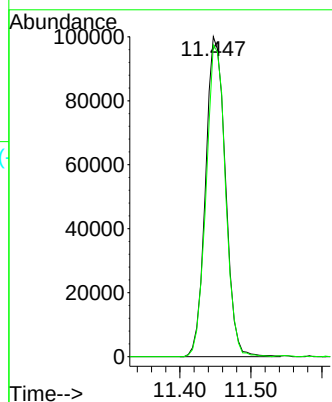
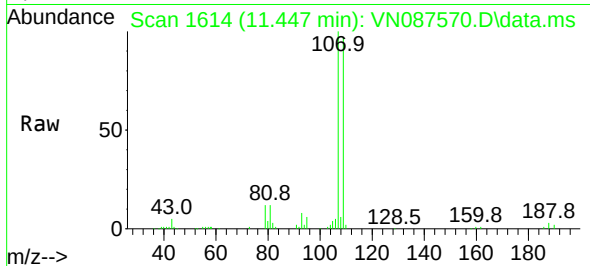




#61
1,2-Dibromoethane
Concen: 50.967 ug/l
RT: 11.447 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087570.D
Acq: 14 Aug 2025 16:49

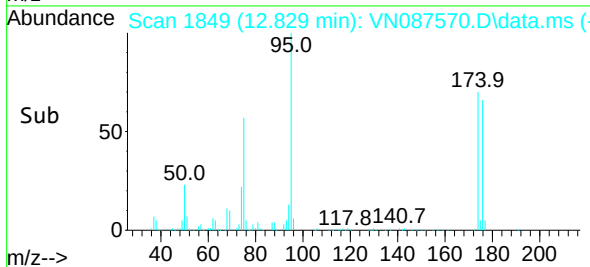
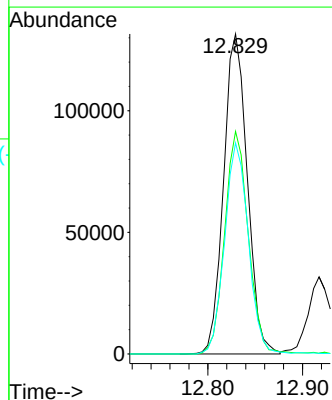
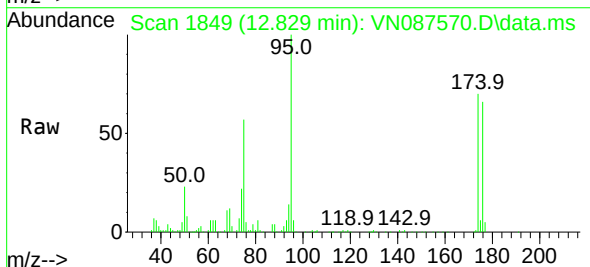
Instrument :
MSVOA_N
ClientSampleId :

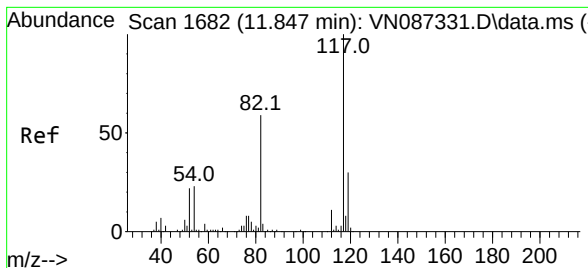
Tgt Ion:107 Resp: 193708
Ion Ratio Lower Upper
107 100
109 95.3 77.5 116.3



#62
4-Bromofluorobenzene
Concen: 50.467 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087570.D
Acq: 14 Aug 2025 16:49

Tgt Ion: 95 Resp: 228797
Ion Ratio Lower Upper
95 100
174 69.5 0.0 149.4
176 65.8 0.0 141.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.847 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN087570.D

Acq: 14 Aug 2025 16:49

Instrument :

MSVOA_N

ClientSampleId :

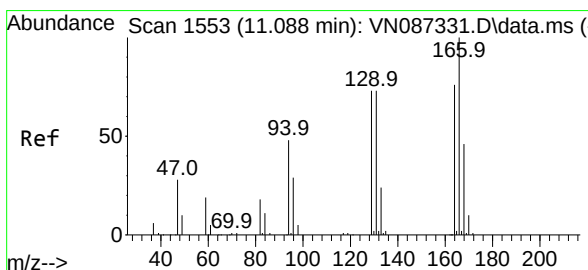
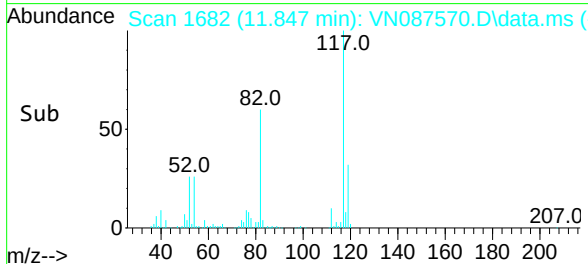
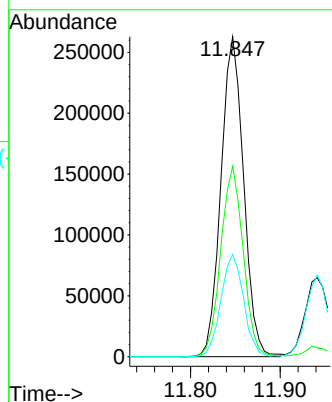
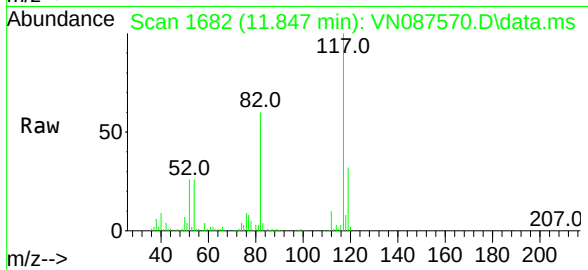
Tgt Ion:117 Resp: 460182

Ion Ratio Lower Upper

117 100

82 59.6 47.4 71.2

119 32.0 23.8 35.8



#64

Tetrachloroethene

Concen: 43.104 ug/l

RT: 11.082 min Scan# 1552

Delta R.T. -0.006 min

Lab File: VN087570.D

Acq: 14 Aug 2025 16:49

Tgt Ion:164 Resp: 127664

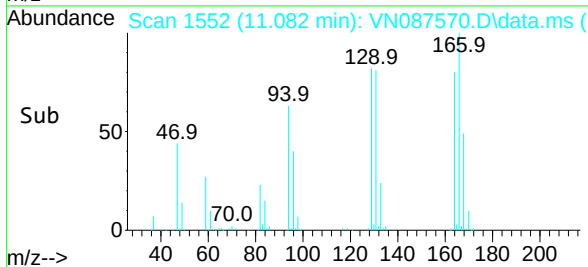
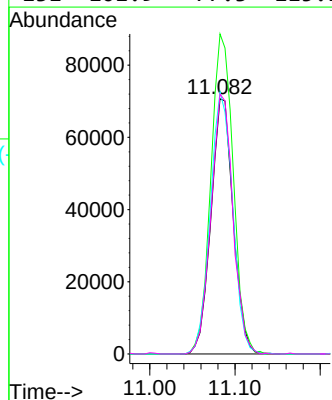
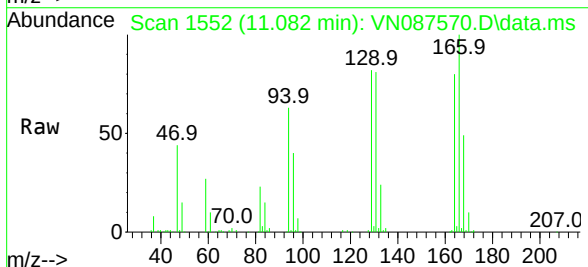
Ion Ratio Lower Upper

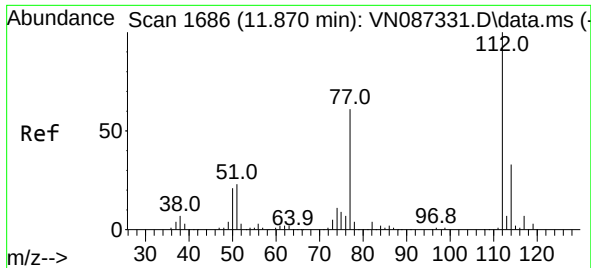
164 100

166 125.4 105.5 158.3

129 102.7 77.4 116.2

131 101.9 77.3 115.9

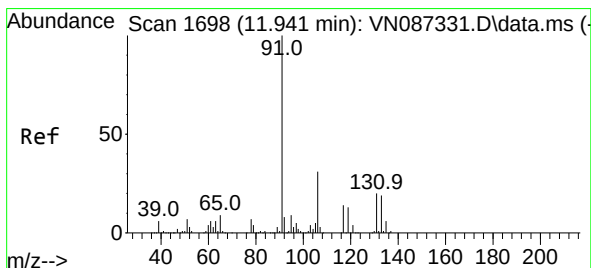
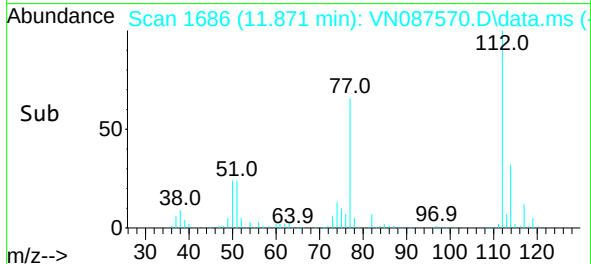
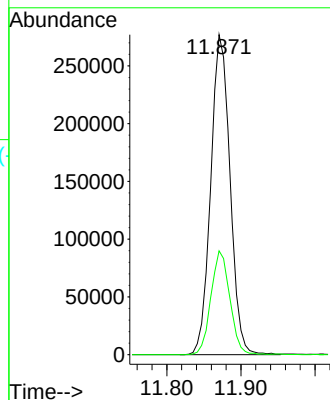
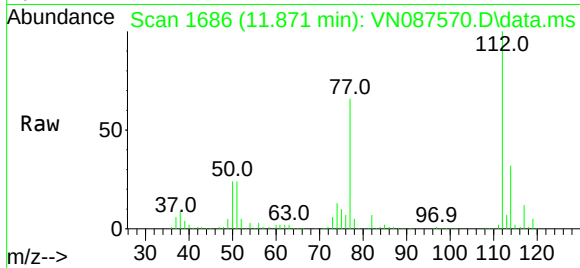




#65
Chlorobenzene
Concen: 48.485 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087570.D
Acq: 14 Aug 2025 16:49

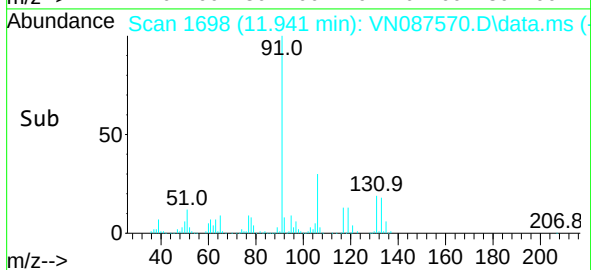
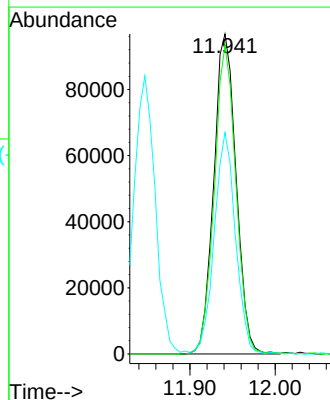
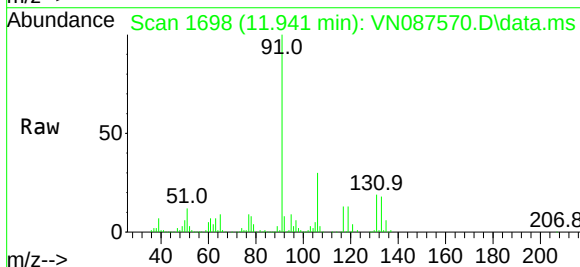
Instrument :
MSVOA_N
ClientSampleId :

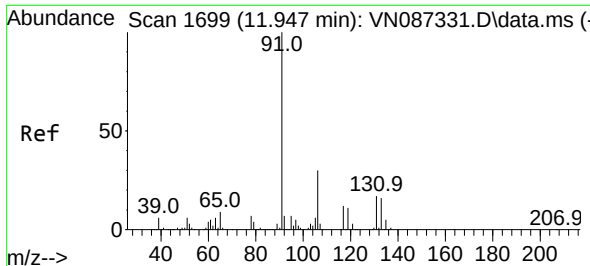
Tgt Ion:112 Resp: 500916
Ion Ratio Lower Upper
112 100
114 32.5 26.5 39.7



#66
1,1,1,2-Tetrachloroethane
Concen: 50.180 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087570.D
Acq: 14 Aug 2025 16:49

Tgt Ion:131 Resp: 176284
Ion Ratio Lower Upper
131 100
133 93.4 47.4 142.3
119 65.7 33.1 99.2

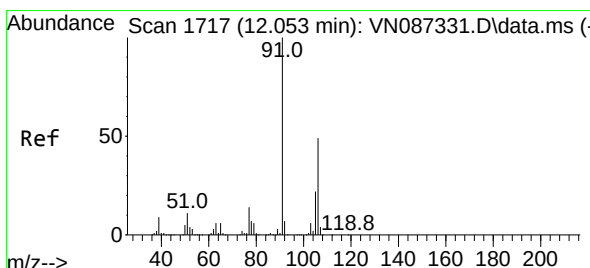
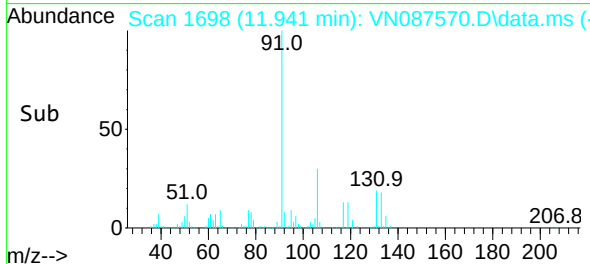
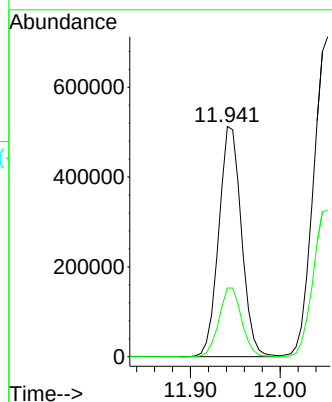
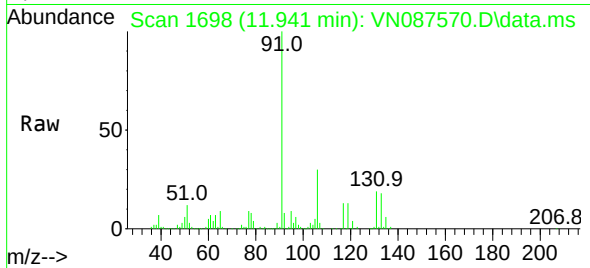




#67
Ethyl Benzene
Concen: 52.840 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.006 min
Lab File: VN087570.D
Acq: 14 Aug 2025 16:49

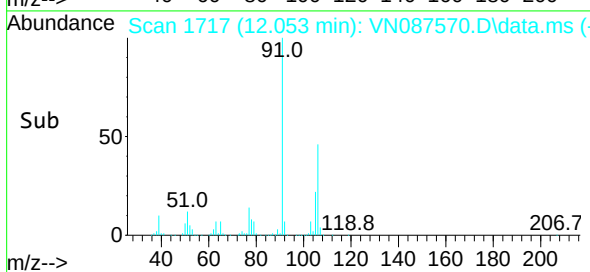
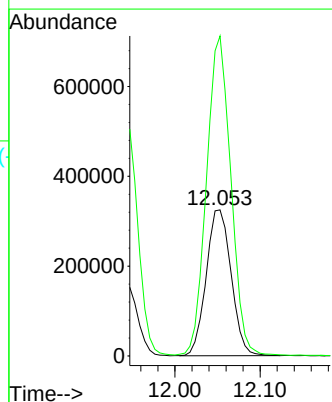
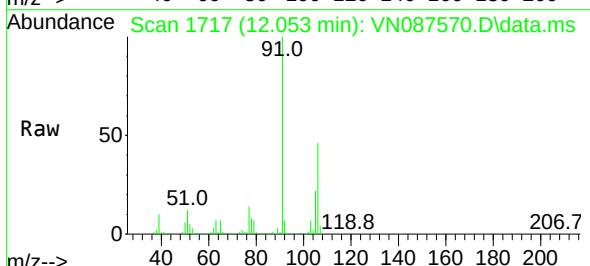
Instrument :
MSVOA_N
ClientSampleId :

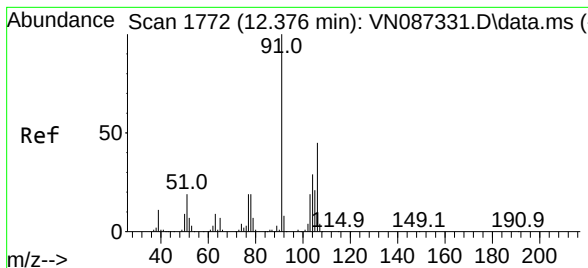
Tgt Ion: 91 Resp: 898707
Ion Ratio Lower Upper
91 100
106 29.8 24.3 36.5



#68
m/p-Xylenes
Concen: 103.996 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VN087570.D
Acq: 14 Aug 2025 16:49

Tgt Ion:106 Resp: 662341
Ion Ratio Lower Upper
106 100
91 213.4 162.0 243.0

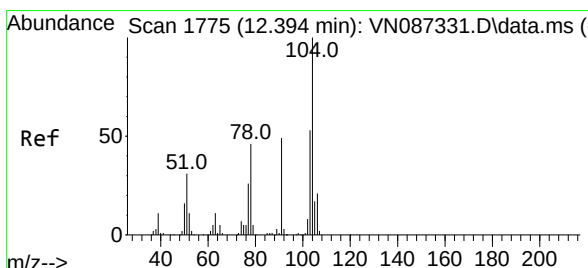
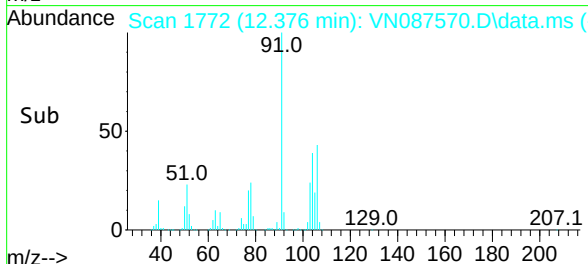
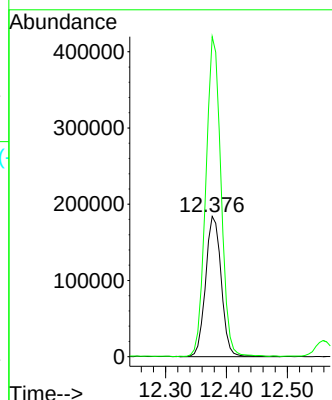
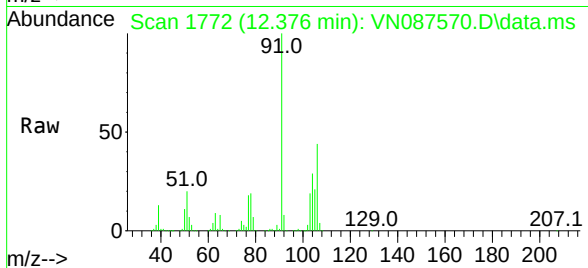




#69
o-Xylene
Concen: 53.926 ug/l
RT: 12.376 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087570.D
Acq: 14 Aug 2025 16:49

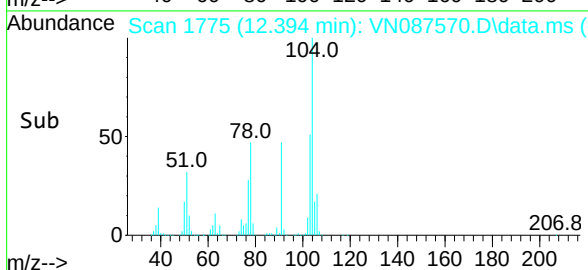
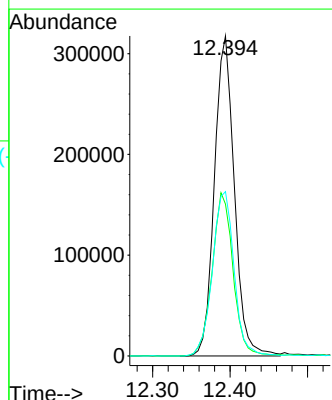
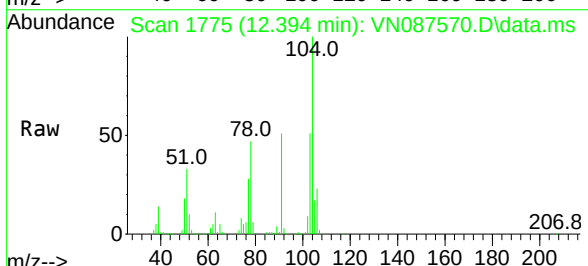
Instrument :
MSVOA_N
ClientSampleId :

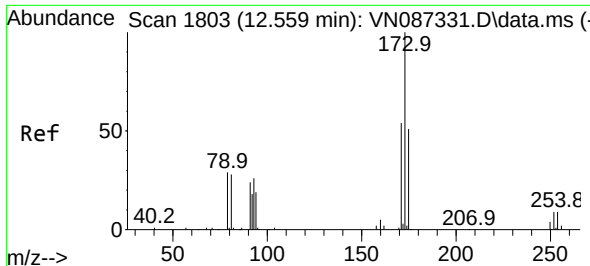
Tgt Ion:106 Resp: 328068
Ion Ratio Lower Upper
106 100
91 222.1 107.7 323.3



#70
Styrene
Concen: 55.481 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN087570.D
Acq: 14 Aug 2025 16:49

Tgt Ion:104 Resp: 567805
Ion Ratio Lower Upper
104 100
78 53.5 41.0 61.6
103 55.8 43.9 65.9

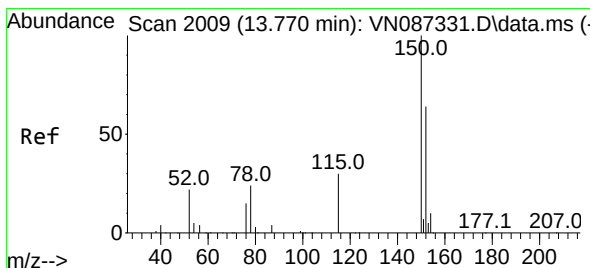
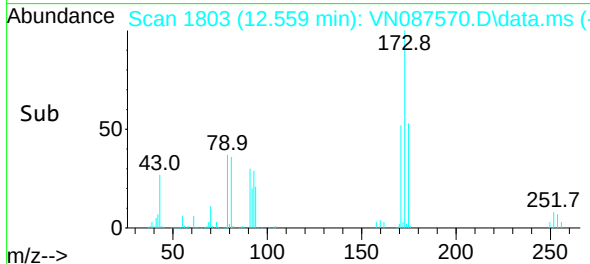
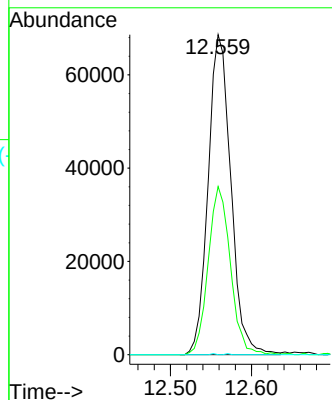
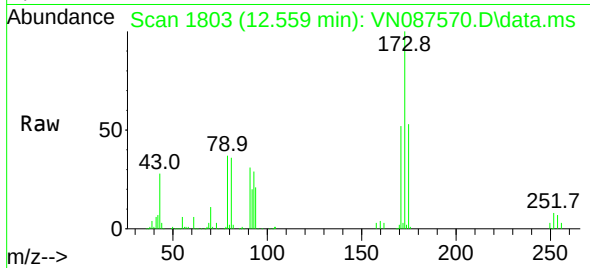




#71
Bromoform
Concen: 46.961 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN087570.D
Acq: 14 Aug 2025 16:49

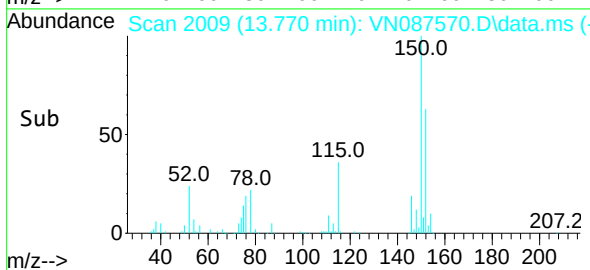
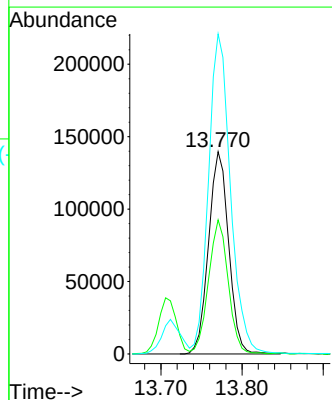
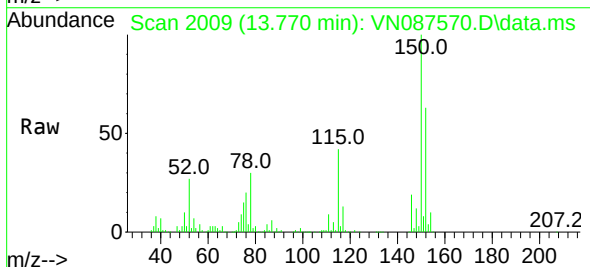
Instrument :
MSVOA_N
ClientSampleId :

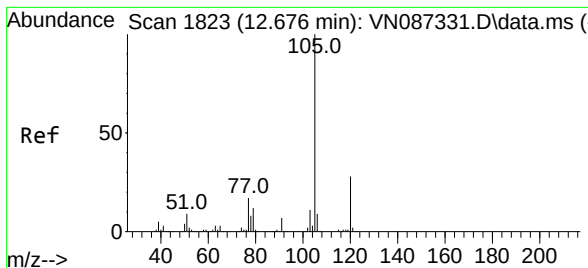
Tgt Ion:173 Resp: 133281
Ion Ratio Lower Upper
173 100
175 51.5 24.1 72.3
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087570.D
Acq: 14 Aug 2025 16:49

Tgt Ion:152 Resp: 240017
Ion Ratio Lower Upper
152 100
115 64.3 31.1 93.5
150 173.6 0.0 349.0





#73

Isopropylbenzene

Concen: 55.585 ug/l

RT: 12.676 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087570.D

Acq: 14 Aug 2025 16:49

Instrument :

MSVOA_N

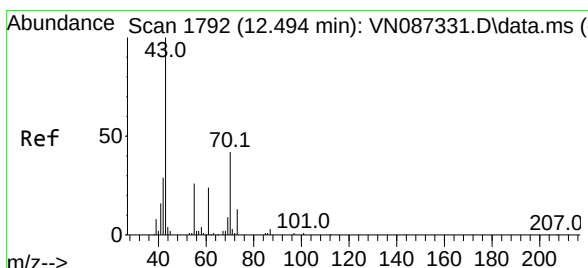
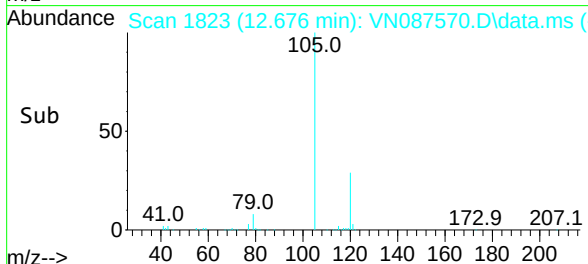
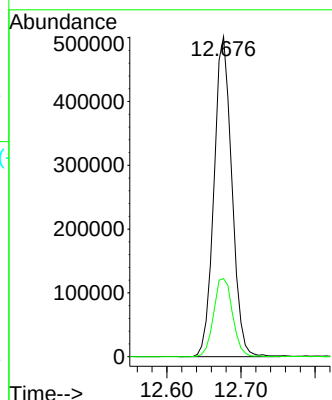
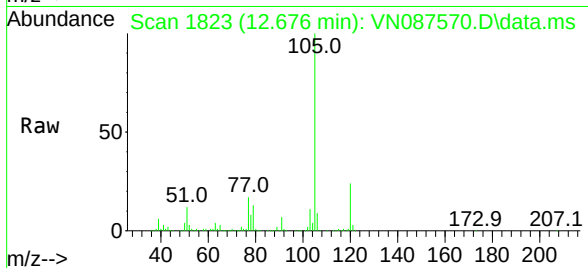
ClientSampleId :

Tgt Ion:105 Resp: 839673

Ion Ratio Lower Upper

105 100

120 26.0 13.4 40.1



#74

N-ethyl acetate

Concen: 37.404 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. 0.006 min

Lab File: VN087570.D

Acq: 14 Aug 2025 16:49

Tgt Ion: 43 Resp: 234757

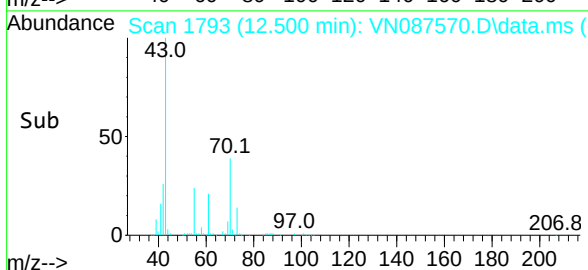
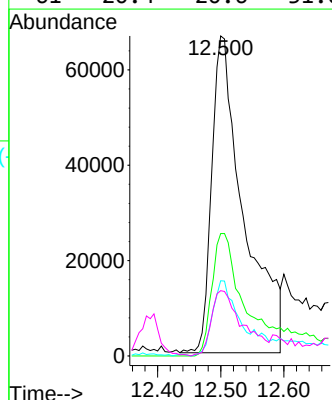
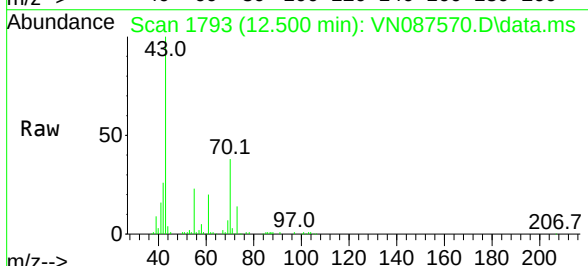
Ion Ratio Lower Upper

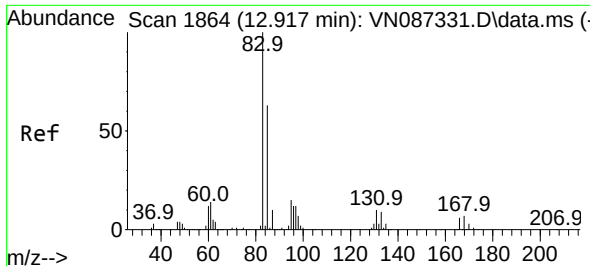
43 100

70 46.9 37.6 56.4

55 18.2 19.6 29.4#

61 20.4 20.6 31.0#

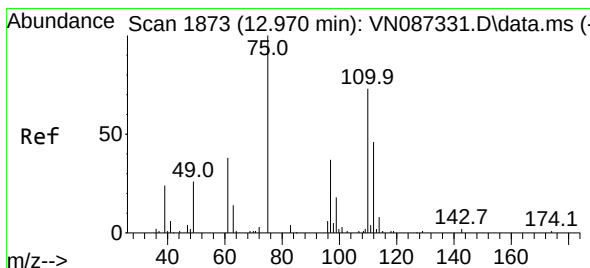
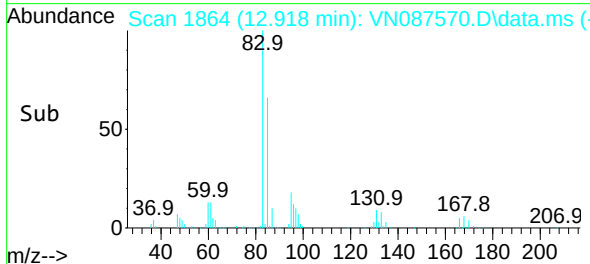
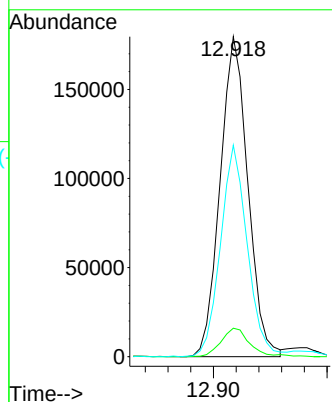
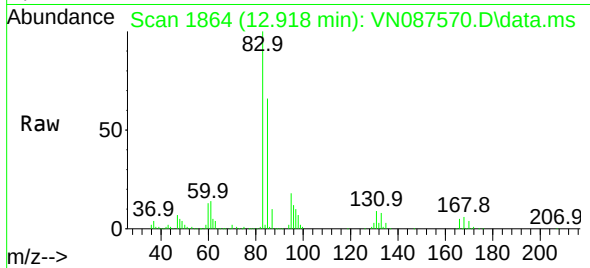




#75
1,1,2,2-Tetrachloroethane
Concen: 53.650 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN087570.D
Acq: 14 Aug 2025 16:49

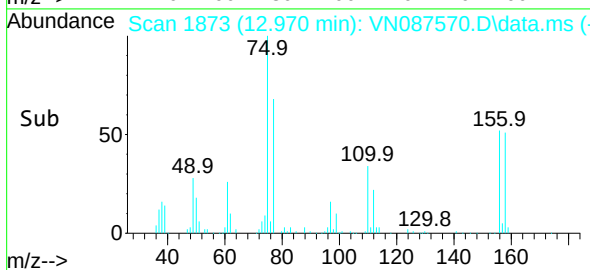
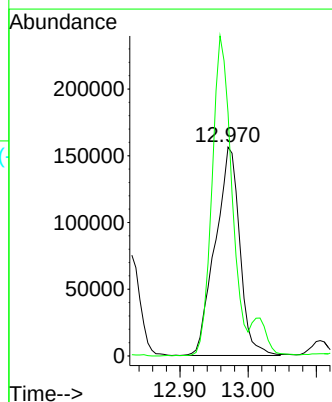
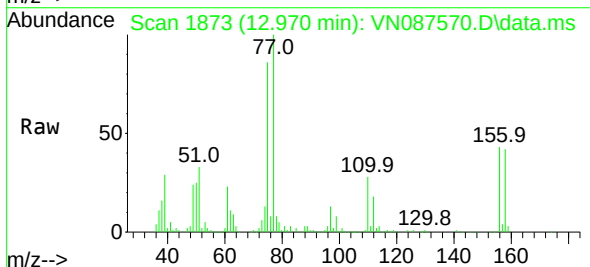
Instrument :
MSVOA_N
ClientSampleId :

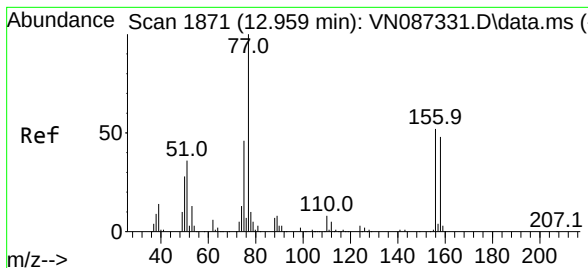
Tgt Ion: 83 Resp: 304955
Ion Ratio Lower Upper
83 100
131 9.3 5.1 15.3
85 63.9 32.5 97.4



#76
1,2,3-Trichloropropane
Concen: 72.764 ug/l
RT: 12.970 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN087570.D
Acq: 14 Aug 2025 16:49

Tgt Ion: 75 Resp: 391630
Ion Ratio Lower Upper
75 100
77 123.0 94.5 283.6





#77

Bromobenzene

Concen: 50.466 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. 0.000 min

Lab File: VN087570.D

Acq: 14 Aug 2025 16:49

Instrument :

MSVOA_N

ClientSampleId :

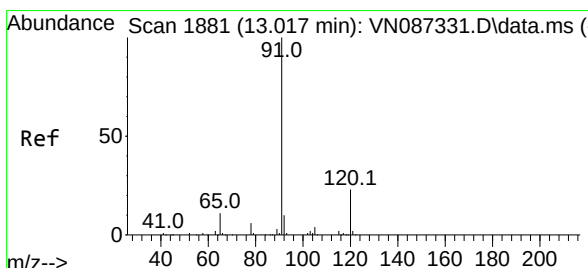
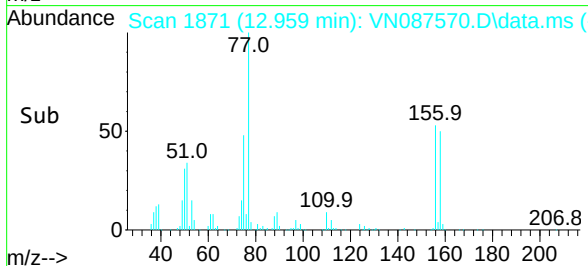
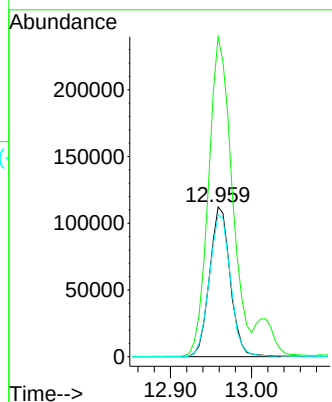
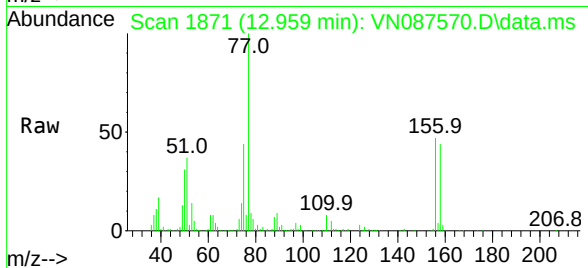
Tgt Ion:156 Resp: 197712

Ion Ratio Lower Upper

156 100

77 243.7 114.9 344.6

158 98.0 48.5 145.5



#78

n-propylbenzene

Concen: 55.853 ug/l

RT: 13.018 min Scan# 1881

Delta R.T. 0.000 min

Lab File: VN087570.D

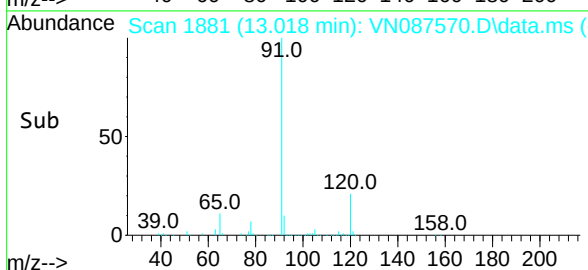
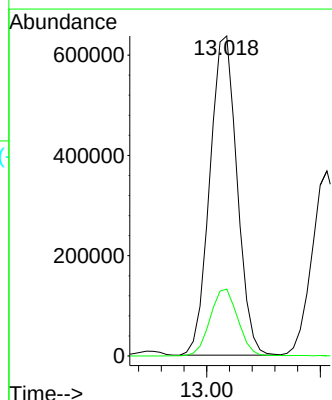
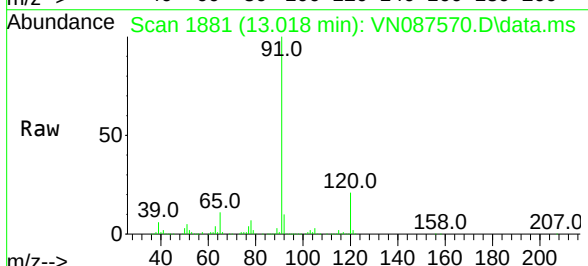
Acq: 14 Aug 2025 16:49

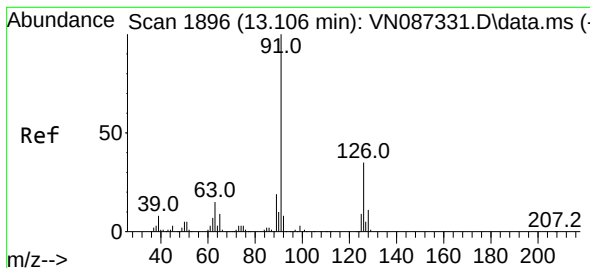
Tgt Ion: 91 Resp: 1061543

Ion Ratio Lower Upper

91 100

120 21.4 11.3 33.8





#79

2-Chlorotoluene

Concen: 54.578 ug/l

RT: 13.106 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VN087570.D

Acq: 14 Aug 2025 16:49

Instrument :

MSVOA_N

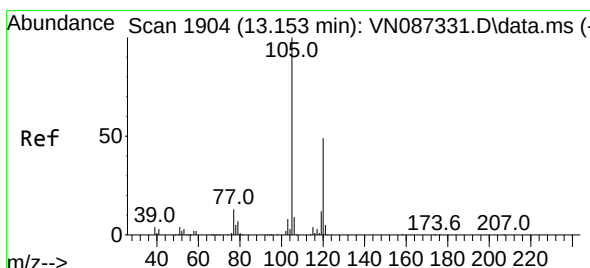
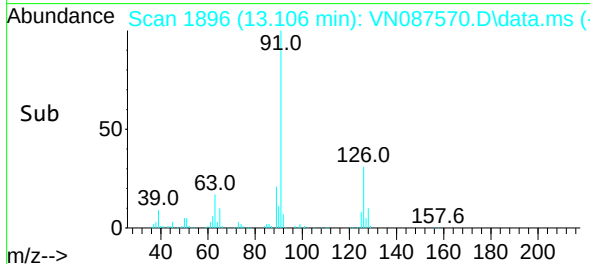
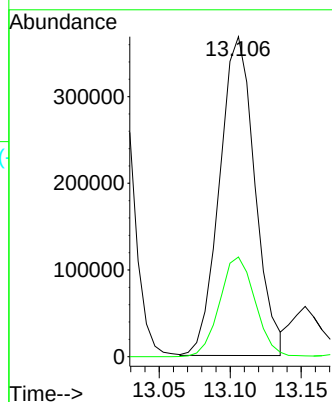
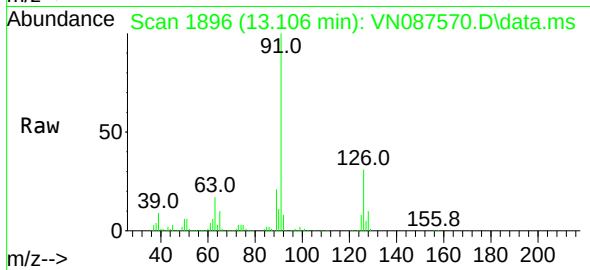
ClientSampleId :

Tgt Ion: 91 Resp: 637513

Ion Ratio Lower Upper

91 100

126 31.5 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 56.342 ug/l

RT: 13.153 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VN087570.D

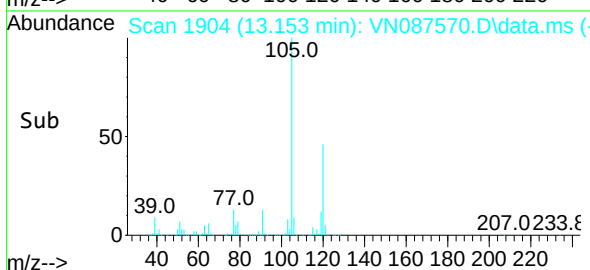
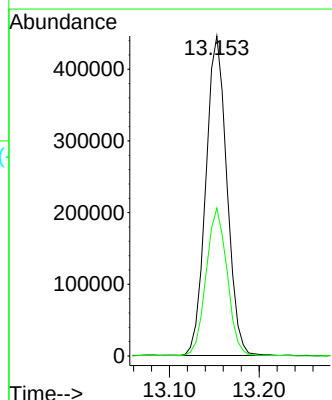
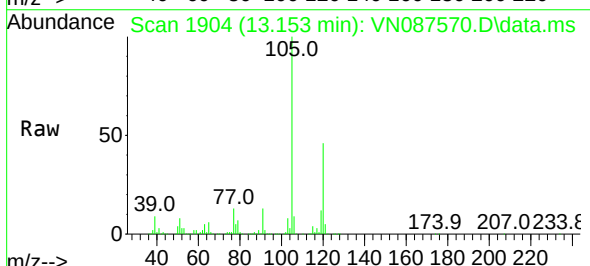
Acq: 14 Aug 2025 16:49

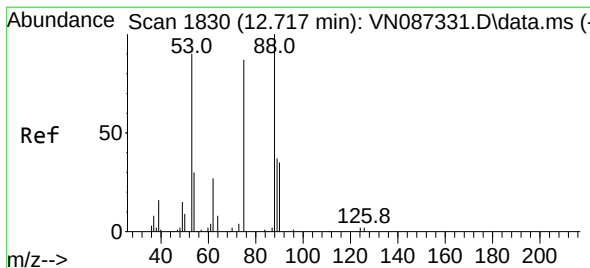
Tgt Ion:105 Resp: 725164

Ion Ratio Lower Upper

105 100

120 46.0 24.3 72.8

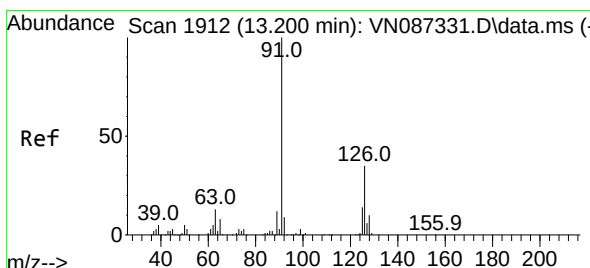
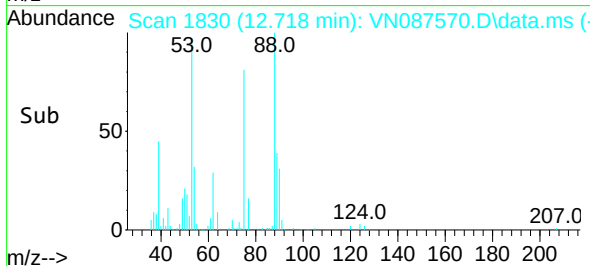
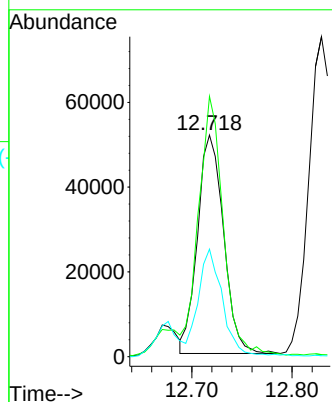
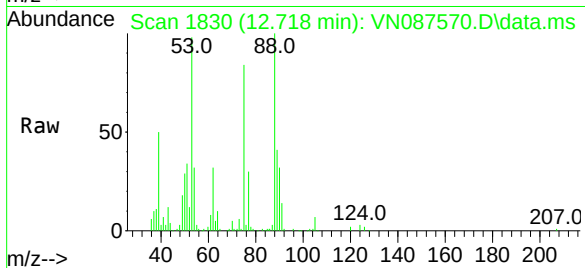




#81
trans-1,4-Dichloro-2-butene
Concen: 47.359 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN087570.D
Acq: 14 Aug 2025 16:49

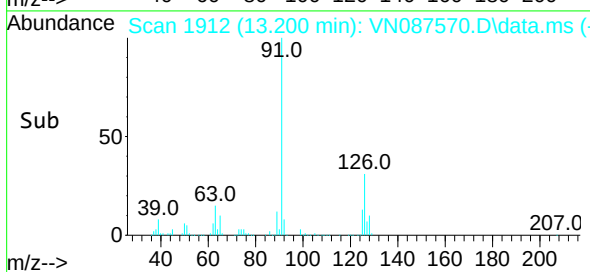
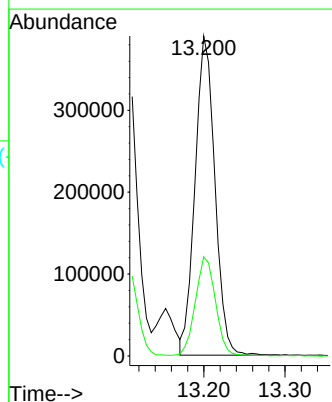
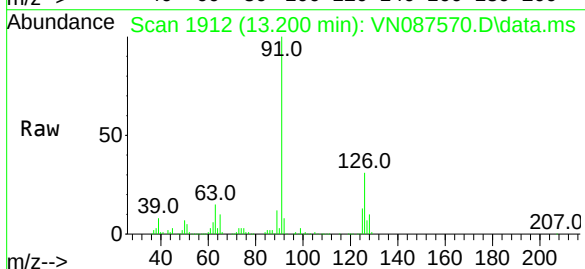
Instrument :
MSVOA_N
ClientSampleId :

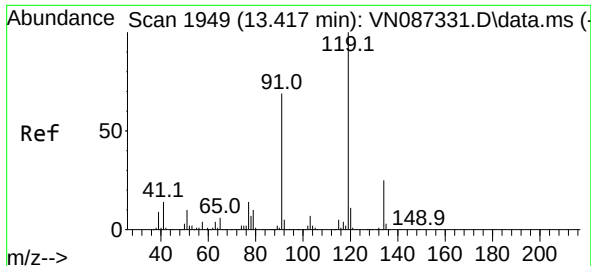
Tgt Ion: 75 Resp: 93157
Ion Ratio Lower Upper
75 100
53 112.1 83.5 125.3
89 45.5 38.4 57.6



#82
4-Chlorotoluene
Concen: 54.387 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087570.D
Acq: 14 Aug 2025 16:49

Tgt Ion: 91 Resp: 661408
Ion Ratio Lower Upper
91 100
126 31.7 16.6 49.7

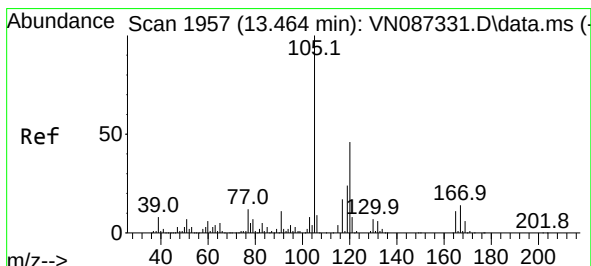
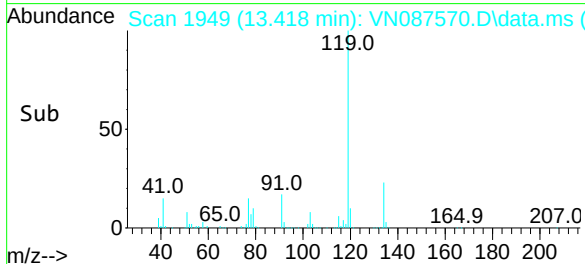
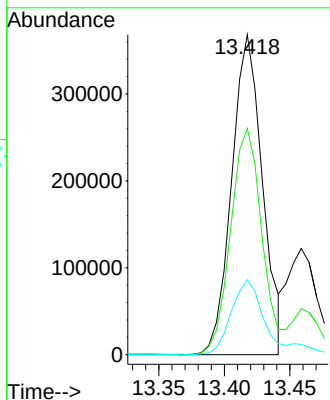
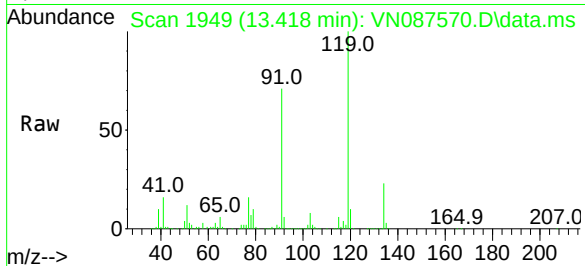




#83
tert-Butylbenzene
Concen: 55.966 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN087570.D
Acq: 14 Aug 2025 16:49

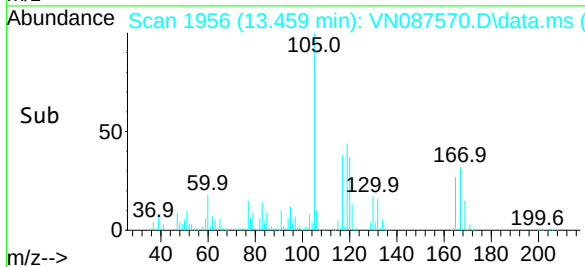
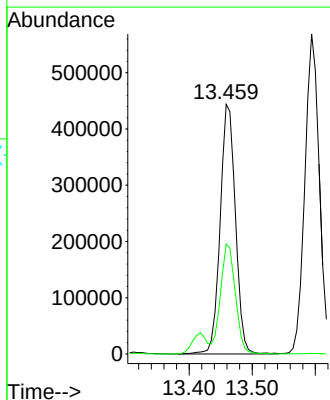
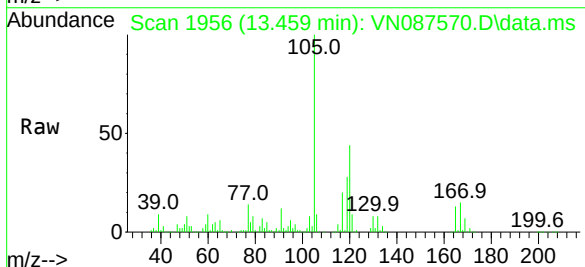
Instrument :
MSVOA_N
ClientSampleId :

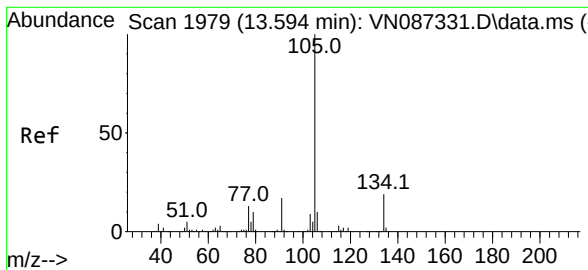
Tgt Ion:119 Resp: 601617
Ion Ratio Lower Upper
119 100
91 72.4 35.0 105.1
134 26.6 12.6 37.6



#84
1,2,4-Trimethylbenzene
Concen: 56.897 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.006 min
Lab File: VN087570.D
Acq: 14 Aug 2025 16:49

Tgt Ion:105 Resp: 747848
Ion Ratio Lower Upper
105 100
120 42.8 22.8 68.3

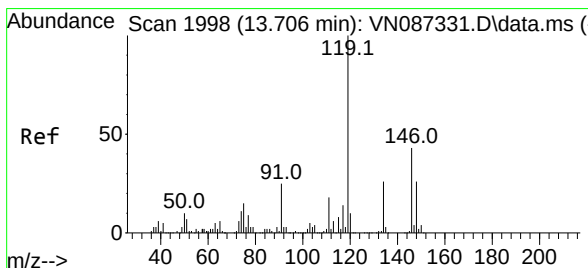
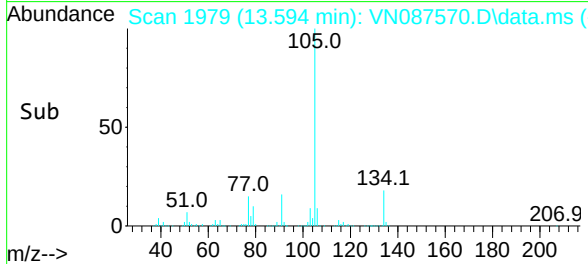
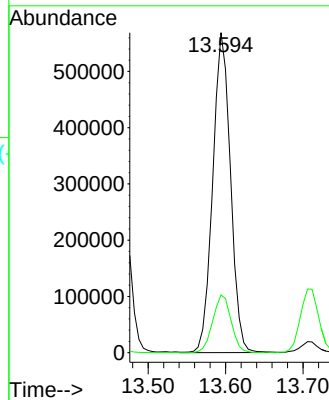
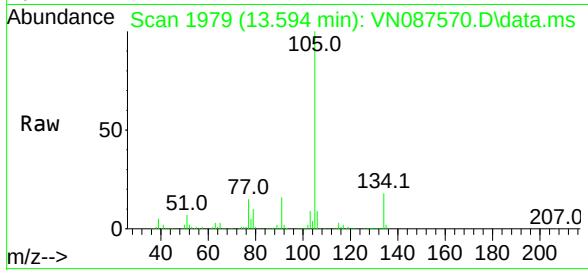




#85
 sec-Butylbenzene
 Concen: 55.933 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087570.D
 Acq: 14 Aug 2025 16:49

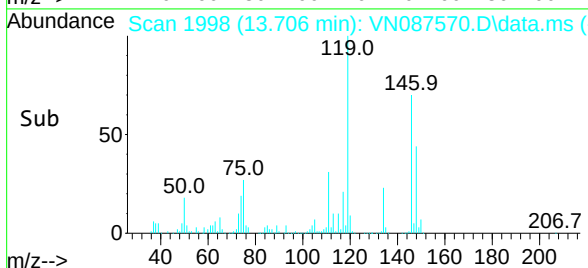
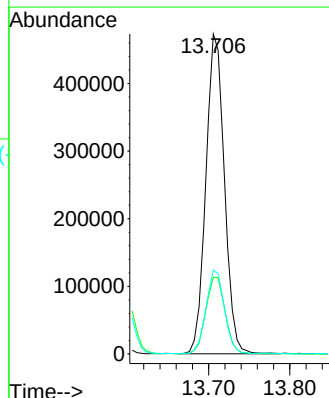
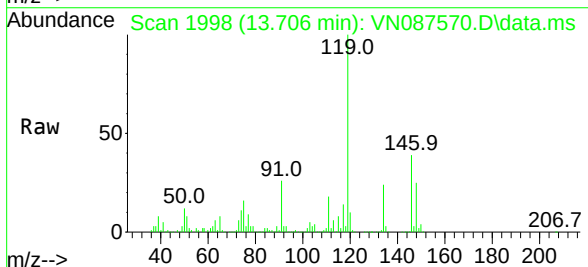
Instrument :
 MSVOA_N
 ClientSampleId :

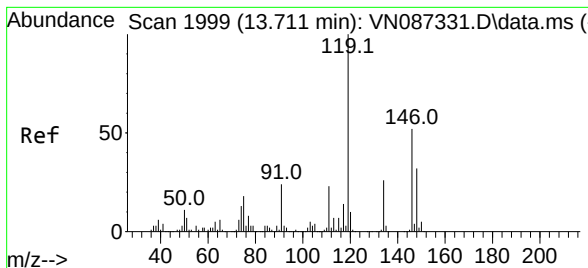
Tgt Ion:105 Resp: 905664
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 57.660 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN087570.D
 Acq: 14 Aug 2025 16:49

Tgt Ion:119 Resp: 748208
 Ion Ratio Lower Upper
 119 100
 134 25.1 13.5 40.5
 91 26.0 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 51.181 ug/l

RT: 13.712 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VN087570.D

Acq: 14 Aug 2025 16:49

Instrument :

MSVOA_N

ClientSampleId :

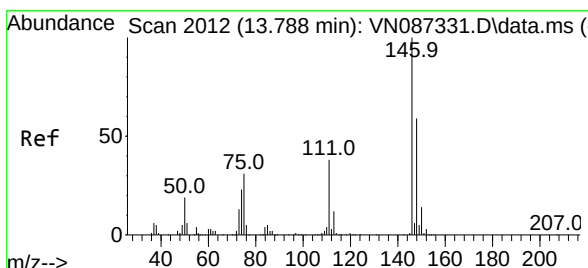
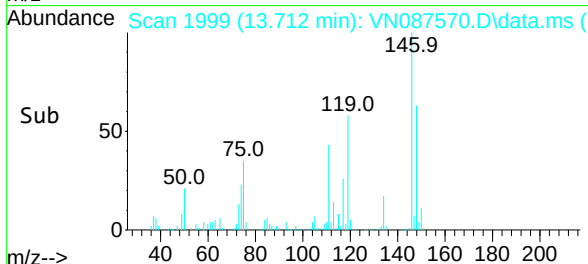
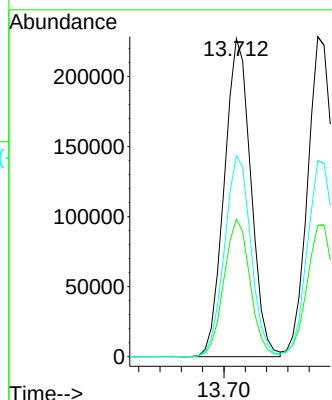
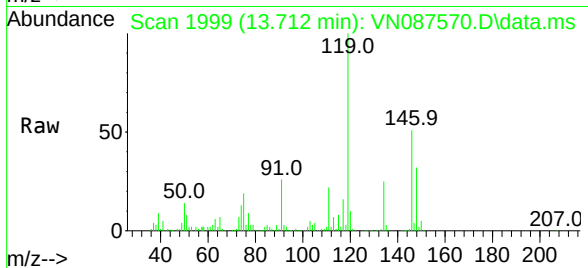
Tgt Ion:146 Resp: 393523

Ion Ratio Lower Upper

146 100

111 42.6 21.4 64.3

148 62.9 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 48.189 ug/l

RT: 13.788 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN087570.D

Acq: 14 Aug 2025 16:49

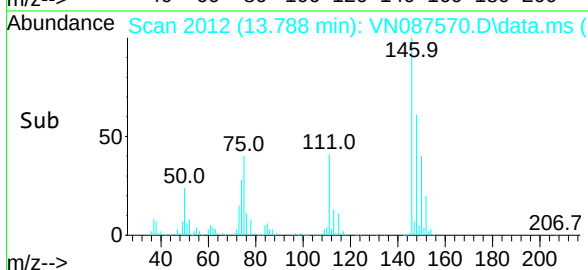
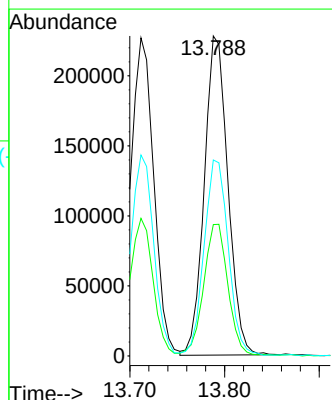
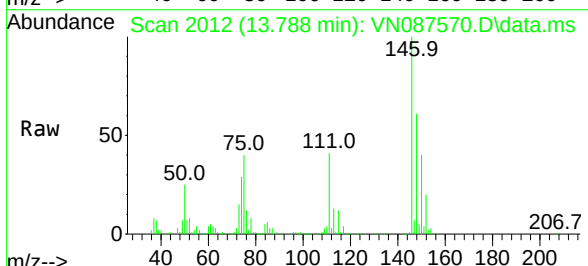
Tgt Ion:146 Resp: 395731

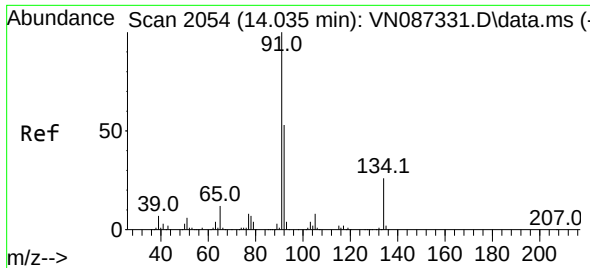
Ion Ratio Lower Upper

146 100

111 42.0 19.6 58.7

148 62.7 31.4 94.0

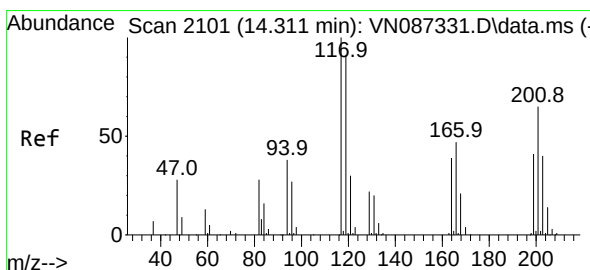
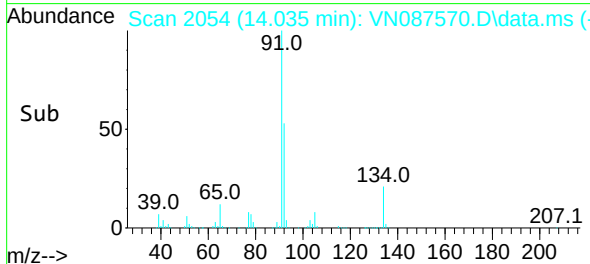
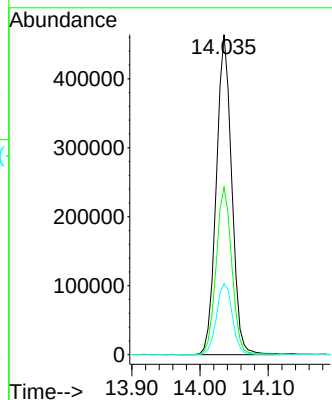
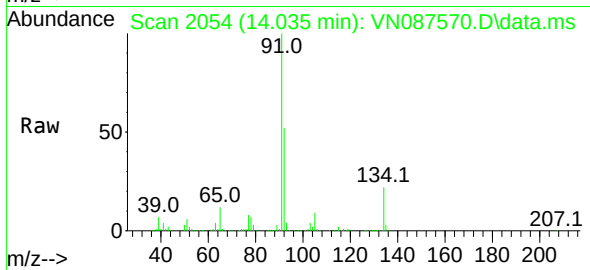




#89
n-Butylbenzene
Concen: 58.929 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN087570.D
Acq: 14 Aug 2025 16:49

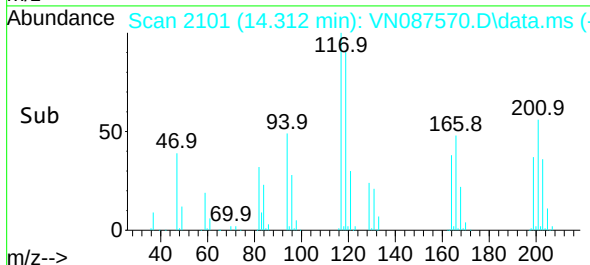
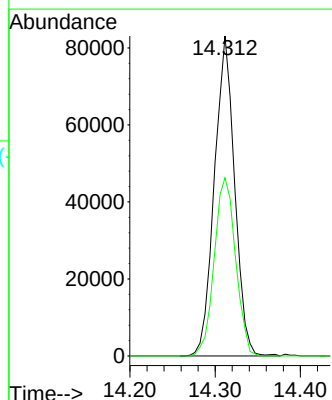
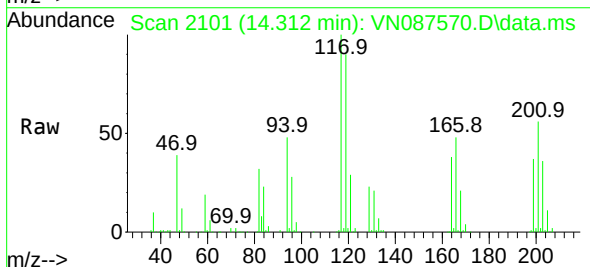
Instrument :
MSVOA_N
ClientSampleId :

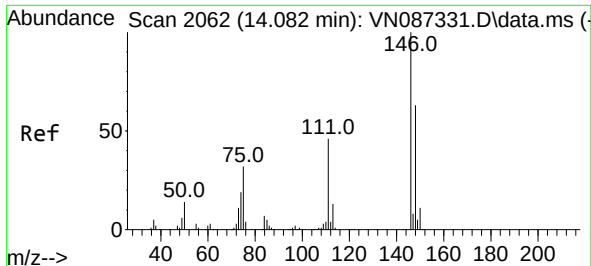
Tgt Ion: 91 Resp: 730169
Ion Ratio Lower Upper
91 100
92 53.1 26.2 78.6
134 23.0 12.4 37.2



#90
Hexachloroethane
Concen: 49.824 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VN087570.D
Acq: 14 Aug 2025 16:49

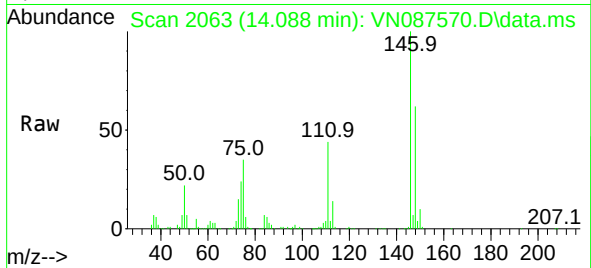
Tgt Ion: 117 Resp: 136983
Ion Ratio Lower Upper
117 100
201 58.6 32.8 98.4



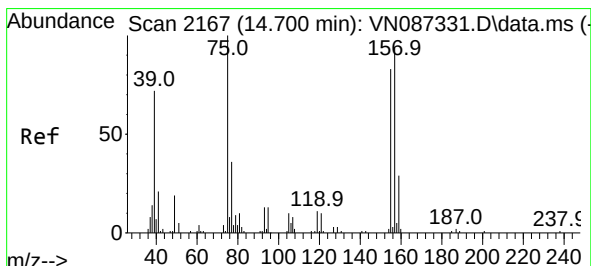
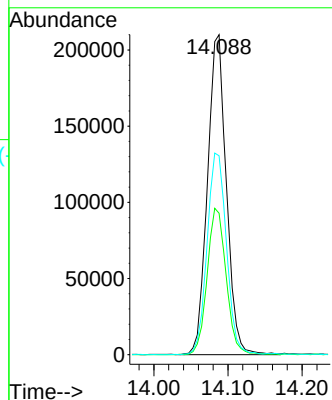
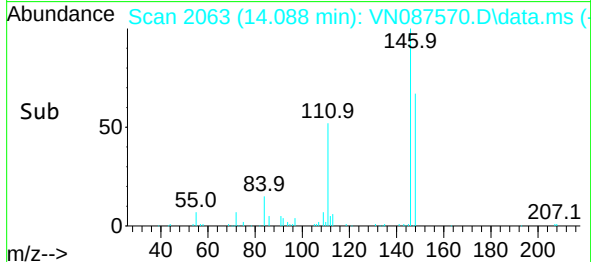


#91
1,2-Dichlorobenzene
Concen: 51.160 ug/l
RT: 14.088 min Scan# 2062
Delta R.T. 0.006 min
Lab File: VN087570.D
Acq: 14 Aug 2025 16:49

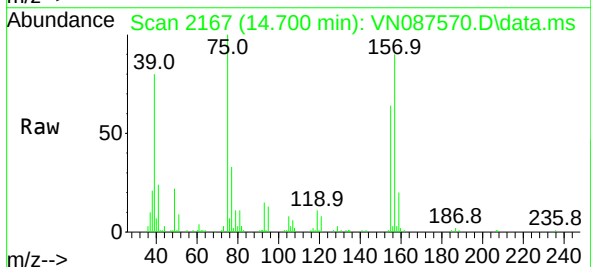
Instrument :
MSVOA_N
ClientSampleId :



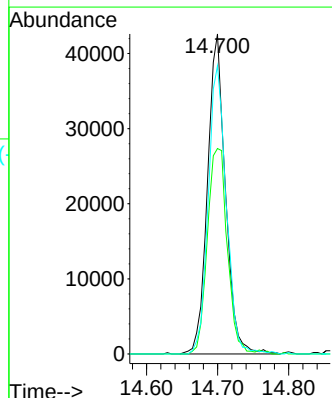
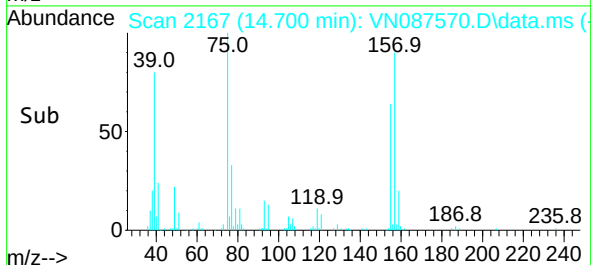
Tgt Ion:146 Resp: 372655
Ion Ratio Lower Upper
146 100
111 46.0 22.0 66.0
148 64.6 32.7 98.1

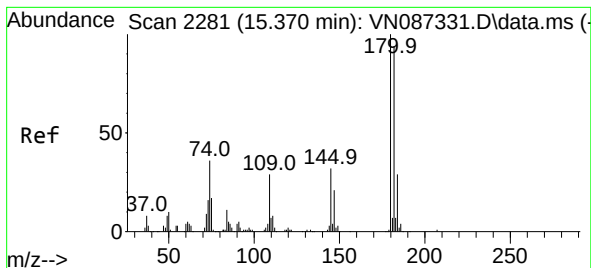


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.121 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.000 min
Lab File: VN087570.D
Acq: 14 Aug 2025 16:49



Tgt Ion: 75 Resp: 74799
Ion Ratio Lower Upper
75 100
155 71.2 37.3 111.8
157 90.8 46.2 138.6





#93

1,2,4-Trichlorobenzene

Concen: 51.594 ug/l

RT: 15.370 min Scan# 2281

Delta R.T. 0.000 min

Lab File: VN087570.D

Acq: 14 Aug 2025 16:49

Instrument :

MSVOA_N

ClientSampleId :

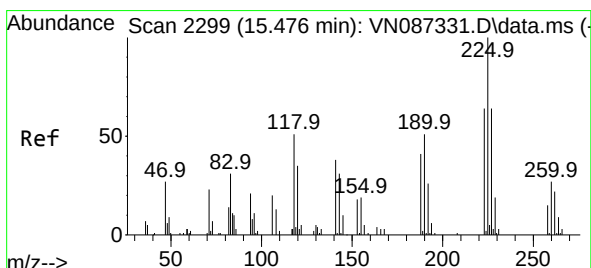
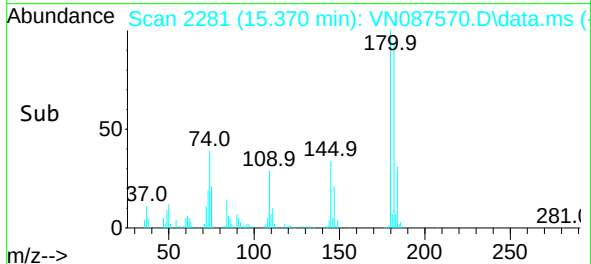
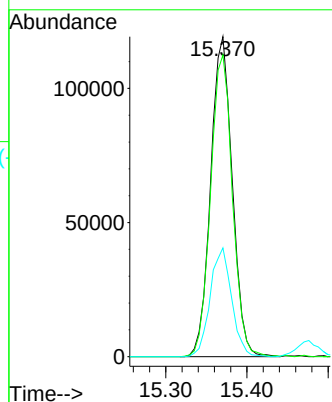
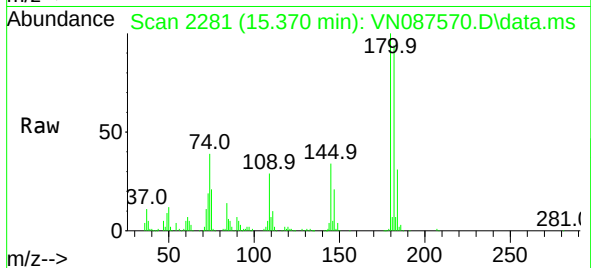
Tgt Ion:180 Resp: 220758

Ion Ratio Lower Upper

180 100

182 95.2 47.3 141.8

145 33.7 15.4 46.4



#94

Hexachlorobutadiene

Concen: 49.002 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. 0.000 min

Lab File: VN087570.D

Acq: 14 Aug 2025 16:49

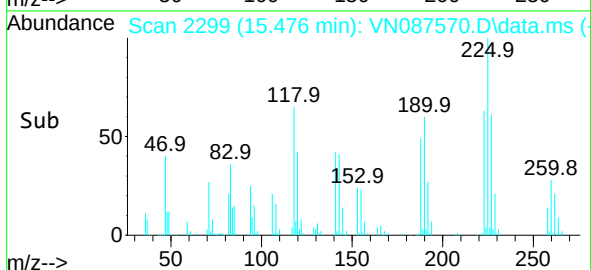
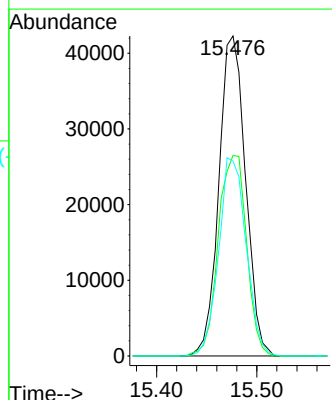
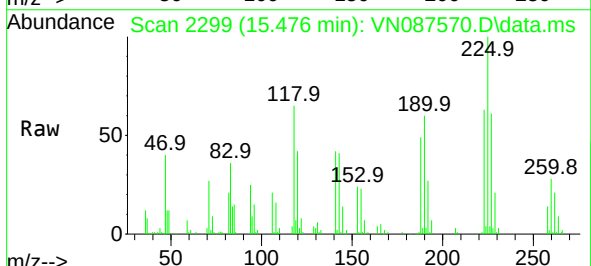
Tgt Ion:225 Resp: 77907

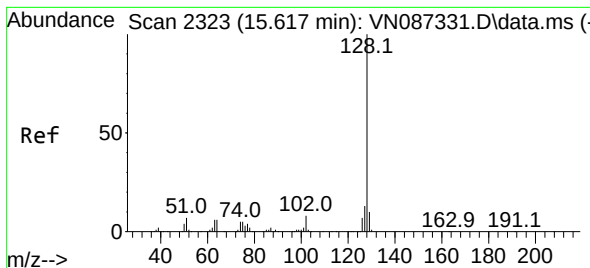
Ion Ratio Lower Upper

225 100

223 66.5 32.1 96.3

227 63.9 31.3 93.9





#95

Naphthalene

Concen: 55.913 ug/l

RT: 15.617 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN087570.D

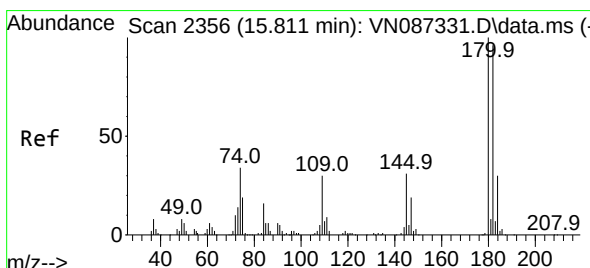
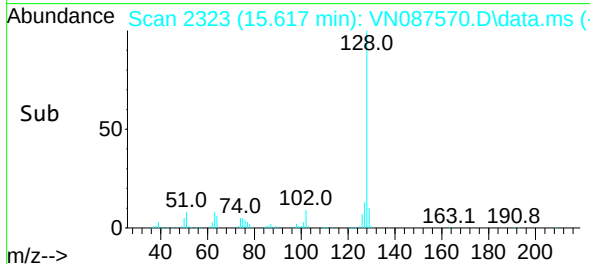
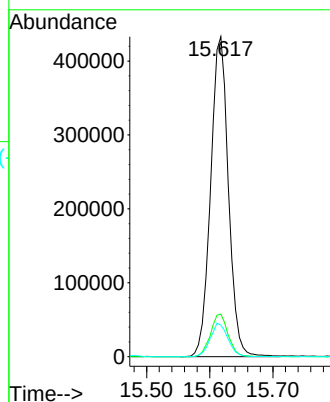
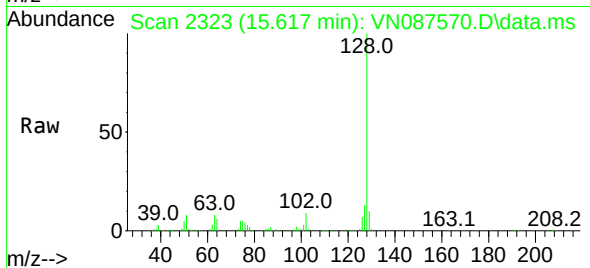
Acq: 14 Aug 2025 16:49

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:128	Resp: 847533
Ion Ratio	Lower Upper
128 100	
127 13.2	10.5 15.7
129 10.4	8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 50.701 ug/l

RT: 15.817 min Scan# 2357

Delta R.T. 0.006 min

Lab File: VN087570.D

Acq: 14 Aug 2025 16:49

Tgt Ion:180	Resp: 217612
Ion Ratio	Lower Upper
180 100	
182 93.8	47.1 141.4
145 36.1	16.9 50.6

