

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081425\
 Data File : VN087555.D
 Acq On : 14 Aug 2025 11:07
 Operator : JC\MD
 Sample : VN0814WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 14 15:23:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:56:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	250453	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	485218	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	446518	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	221983	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	244982	57.648	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	115.300%
35) Dibromofluoromethane	8.153	113	169668	50.692	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.380%
50) Toluene-d8	10.547	98	605258	50.695	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.380%
62) 4-Bromofluorobenzene	12.829	95	233458	52.926	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	105.860%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.142	85	60972	22.921	ug/l	92
3) Chloromethane	2.383	50	64803	19.372	ug/l	100
4) Vinyl Chloride	2.542	62	71080	21.381	ug/l	99
5) Bromomethane	2.983	94	38871	22.579	ug/l	96
6) Chloroethane	3.136	64	47553	21.934	ug/l	92
7) Trichlorofluoromethane	3.506	101	103028	20.959	ug/l	98
8) Diethyl Ether	3.965	74	45341	23.778	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.359	101	56020	22.200	ug/l	96
10) Methyl Iodide	4.571	142	33911	17.223	ug/l	89
11) Tert butyl alcohol	5.530	59	92129	114.174	ug/l	97
12) 1,1-Dichloroethene	4.336	96	58932	20.609	ug/l	91
13) Acrolein	4.177	56	52972	81.801	ug/l	95
14) Allyl chloride	5.012	41	106153	20.512	ug/l	91
15) Acrylonitrile	5.706	53	228245	104.238	ug/l	97
16) Acetone	4.430	43	234225	117.551	ug/l	98
17) Carbon Disulfide	4.700	76	152230	17.956	ug/l	97
18) Methyl Acetate	5.024	43	120344	24.040	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	247283	23.461	ug/l	98
20) Methylene Chloride	5.259	84	73232	21.375	ug/l	96
21) trans-1,2-Dichloroethene	5.777	96	62532	19.394	ug/l	92
22) Diisopropyl ether	6.659	45	247597	22.809	ug/l	95
23) Vinyl Acetate	6.588	43	1129441	118.964	ug/l	100
24) 1,1-Dichloroethane	6.559	63	135050	21.564	ug/l	97
25) 2-Butanone	7.477	43	332813	108.103	ug/l	95
26) 2,2-Dichloropropane	7.477	77	115630	23.748	ug/l	97
27) cis-1,2-Dichloroethene	7.477	96	78759	21.217	ug/l	94
28) Bromochloromethane	7.800	49	75409	25.159	ug/l	95
29) Tetrahydrofuran	7.829	42	208941	104.471	ug/l	98
30) Chloroform	7.953	83	140698	22.445	ug/l	99
31) Cyclohexane	8.241	56	111696	21.380	ug/l	97
32) 1,1,1-Trichloroethane	8.153	97	115982	21.362	ug/l	96
36) 1,1-Dichloropropene	8.353	75	90752	20.523	ug/l	97
37) Ethyl Acetate	7.547	43	131078	20.524	ug/l	98
38) Carbon Tetrachloride	8.347	117	93434	19.181	ug/l	96
39) Methylcyclohexane	9.582	83	96372	20.130	ug/l	93
40) Benzene	8.588	78	289566	20.261	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	66759	19.992	ug/l	95
42) 1,2-Dichloroethane	8.659	62	116694	21.531	ug/l	97
43) Isopropyl Acetate	8.676	43	215090	21.696	ug/l	98
44) Trichloroethene	9.335	130	64743	19.172	ug/l	82
45) 1,2-Dichloropropane	9.606	63	74233	20.442	ug/l	94
46) Dibromomethane	9.688	93	56540	20.795	ug/l	94
47) Bromodichloromethane	9.871	83	112437	20.530	ug/l	99
48) Methyl methacrylate	9.665	41	98225	22.008	ug/l	95
49) 1,4-Dioxane	9.688	88	30568	447.176	ug/l #	100
51) 4-Methyl-2-Pentanone	10.429	43	661207	105.450	ug/l	98
52) Toluene	10.612	92	177586	20.443	ug/l	97
53) t-1,3-Dichloropropene	10.818	75	116338	20.990	ug/l	99
54) cis-1,3-Dichloropropene	10.294	75	116909	20.420	ug/l #	82
55) 1,1,2-Trichloroethane	10.994	97	72631	20.652	ug/l	92
56) Ethyl methacrylate	10.859	69	120174	21.091	ug/l #	93
57) 1,3-Dichloropropane	11.141	76	128302	21.100	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	328582	113.893	ug/l	98
59) 2-Hexanone	11.182	43	431325	103.681	ug/l	98
60) Dibromochloromethane	11.335	129	76256	19.012	ug/l	98
61) 1,2-Dibromoethane	11.447	107	75775	20.492	ug/l	95
64) Tetrachloroethene	11.088	164	51988	18.090	ug/l	94
65) Chlorobenzene	11.870	112	192917	19.244	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.941	131	65609	19.247	ug/l	97
67) Ethyl Benzene	11.947	91	336124	20.367	ug/l	98
68) m/p-Xylenes	12.053	106	249595	40.389	ug/l	94
69) o-Xylene	12.376	106	119950	20.320	ug/l	93
70) Styrene	12.394	104	205053	20.649	ug/l	96
71) Bromoform	12.559	173	48296	17.538	ug/l #	99
73) Isopropylbenzene	12.676	105	314281	22.495	ug/l	97
74) N-amyl acetate	12.535	43	30147	5.194	ug/l #	79
75) 1,1,2,2-Tetrachloroethane	12.923	83	115038	21.882	ug/l	99
76) 1,2,3-Trichloropropane	12.976	75	146383	29.407	ug/l	56
77) Bromobenzene	12.959	156	73544	20.297	ug/l	91
78) n-propylbenzene	13.017	91	389520	22.160	ug/l	99
79) 2-Chlorotoluene	13.106	91	241476	22.353	ug/l	94
80) 1,3,5-Trimethylbenzene	13.153	105	262222	22.029	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.723	75	32197	17.698	ug/l	91
82) 4-Chlorotoluene	13.200	91	250722	22.292	ug/l	95
83) tert-Butylbenzene	13.417	119	222918	22.422	ug/l	96
84) 1,2,4-Trimethylbenzene	13.464	105	269488	22.169	ug/l	99
85) sec-Butylbenzene	13.594	105	329434	21.998	ug/l	99
86) p-Isopropyltoluene	13.706	119	272080	22.671	ug/l	97
87) 1,3-Dichlorobenzene	13.711	146	145480	20.458	ug/l	98
88) 1,4-Dichlorobenzene	13.794	146	150121	19.766	ug/l	97
89) n-Butylbenzene	14.035	91	270370	23.593	ug/l	98
90) Hexachloroethane	14.311	117	49037	19.285	ug/l	96
91) 1,2-Dichlorobenzene	14.088	146	138916	20.620	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.700	75	27318	19.792	ug/l	92
93) 1,2,4-Trichlorobenzene	15.364	180	83245	21.036	ug/l	99
94) Hexachlorobutadiene	15.476	225	31065	21.127	ug/l	99
95) Naphthalene	15.617	128	298554	21.296	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	78959	19.891	ug/l	95

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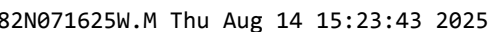
Instrument :
MSVOA_N
ClientSampleId :

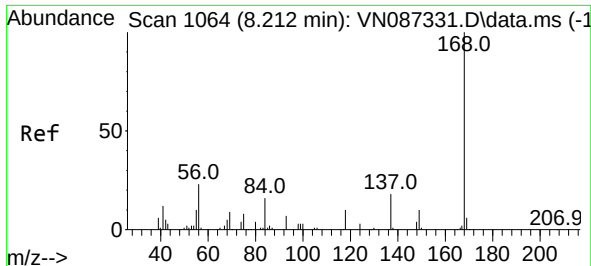
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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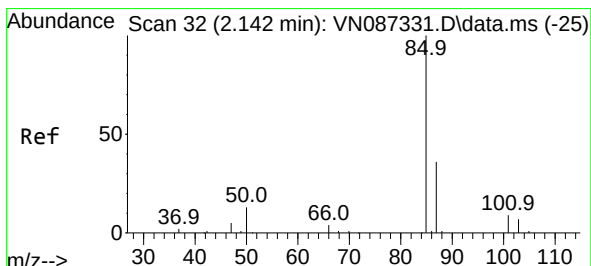
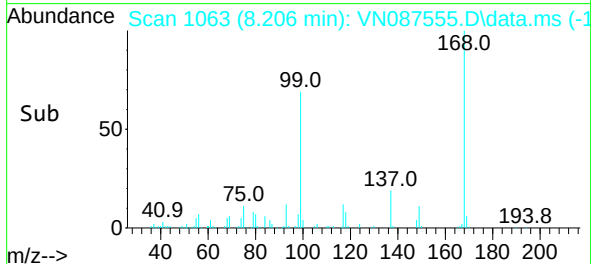
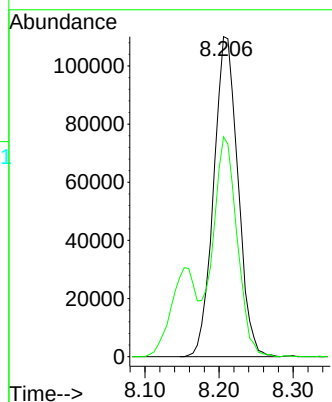
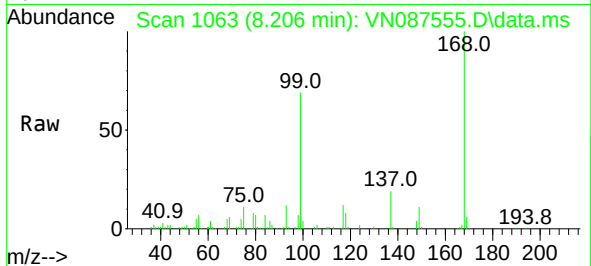




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.006 min
Lab File: VN087555.D
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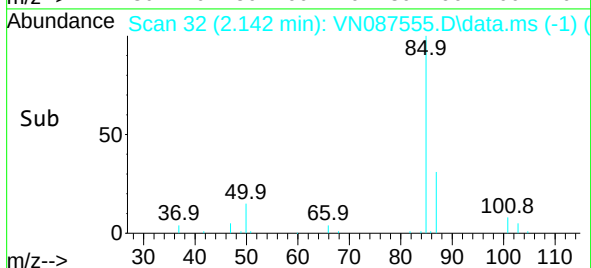
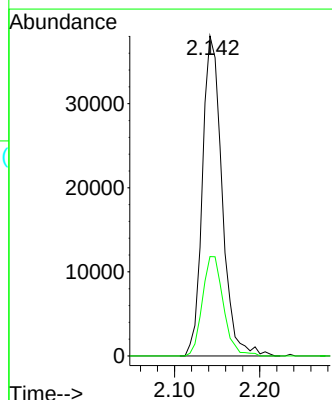
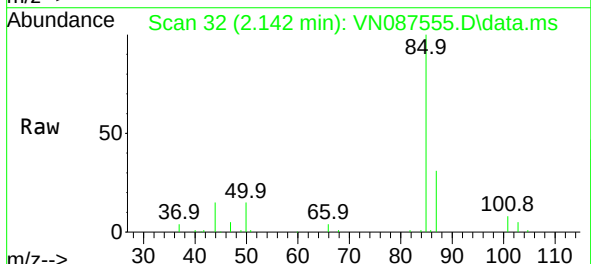
Instrument :
MSVOA_N
ClientSampleId :

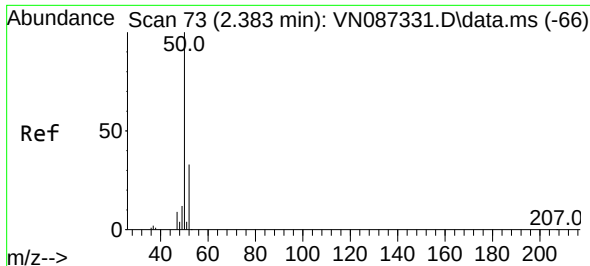
Tgt Ion:168 Resp: 250453
Ion Ratio Lower Upper
168 100
99 68.7 47.9 71.9



#2
Dichlorodifluoromethane
Concen: 22.921 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087555.D
Acq: 14 Aug 2025 11:07

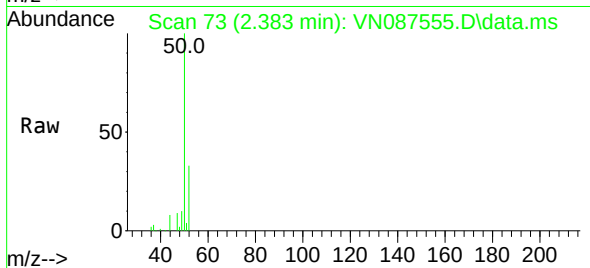
Tgt Ion: 85 Resp: 60972
Ion Ratio Lower Upper
85 100
87 31.1 17.8 53.3



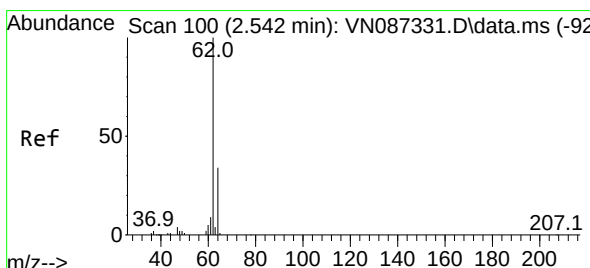
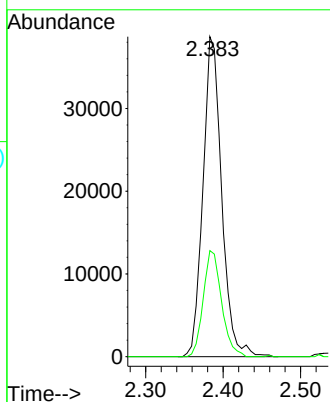
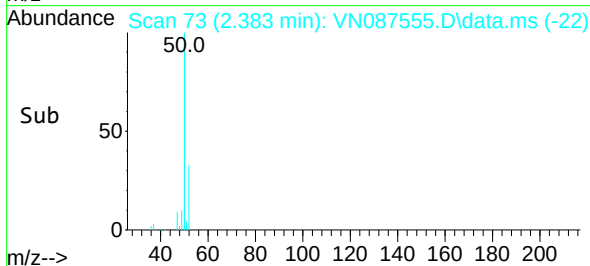


#3
Chloromethane
Concen: 19.372 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087555.D
Acq: 14 Aug 2025 11:07

Instrument :
MSVOA_N
ClientSampleId :

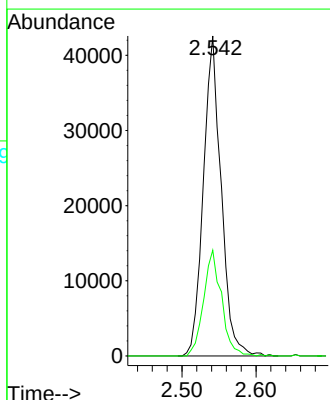
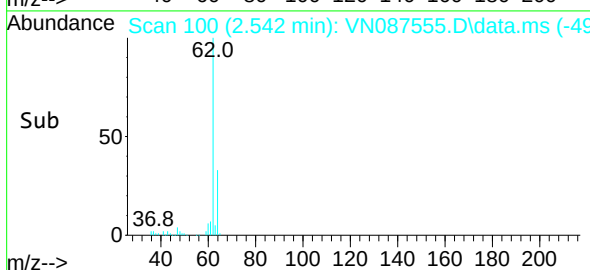
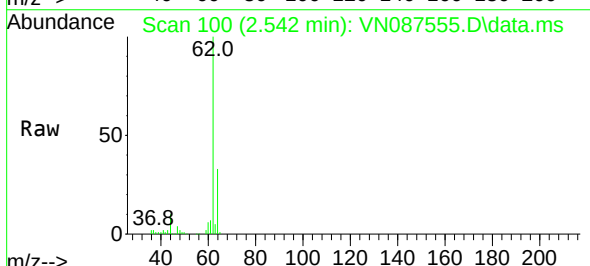


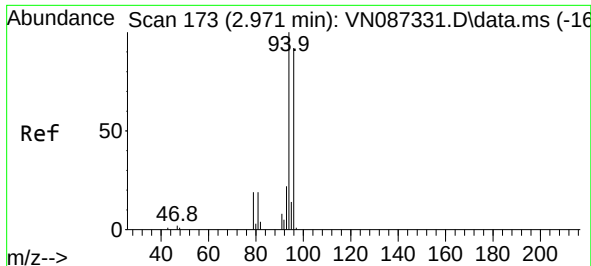
Tgt Ion: 50 Resp: 64803
Ion Ratio Lower Upper
50 100
52 33.1 26.3 39.5



#4
Vinyl Chloride
Concen: 21.381 ug/l
RT: 2.542 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN087555.D
Acq: 14 Aug 2025 11:07

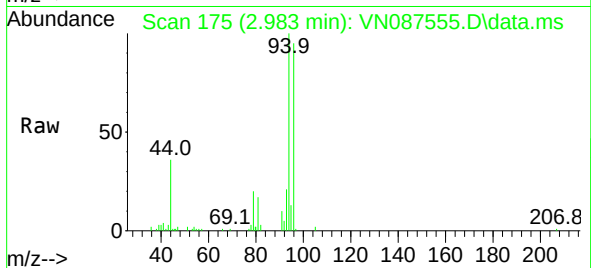
Tgt Ion: 62 Resp: 71080
Ion Ratio Lower Upper
62 100
64 33.0 27.0 40.6



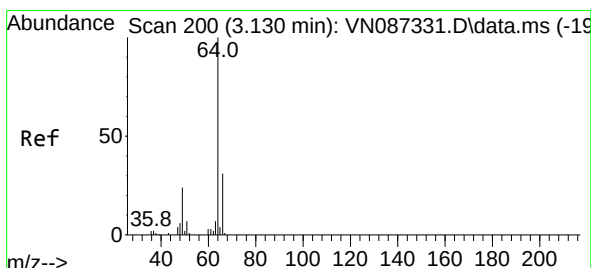
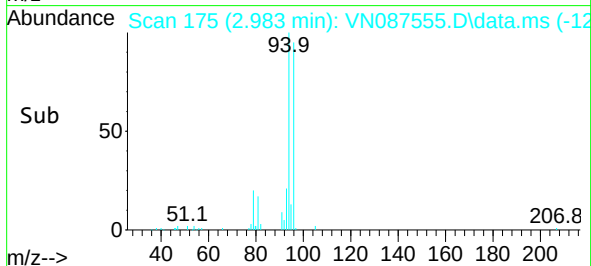
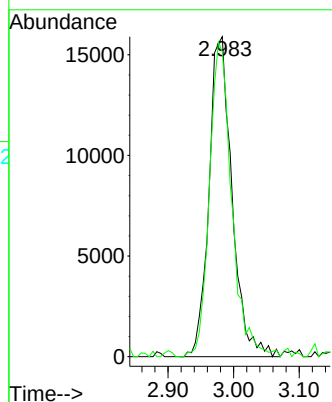


#5
Bromomethane
Concen: 22.579 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN087555.D
Acq: 14 Aug 2025 11:07

Instrument :
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ClientSampleId :

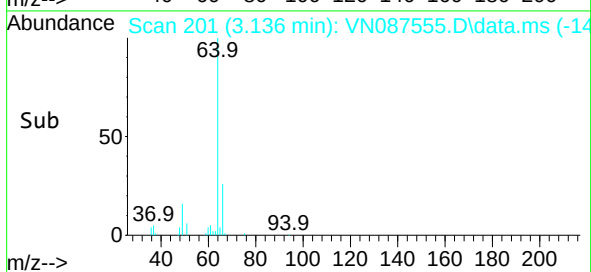
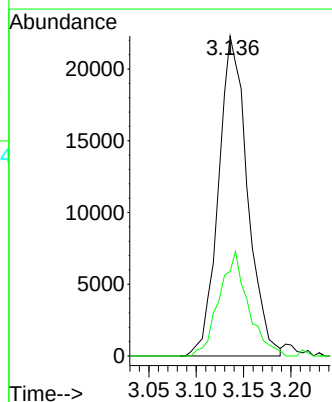
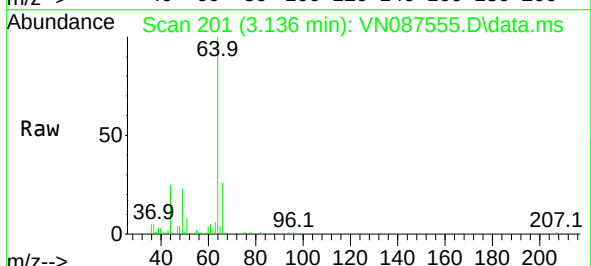


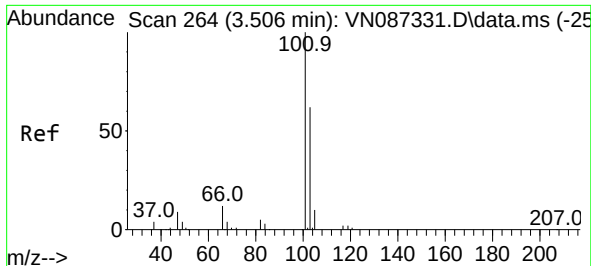
Tgt Ion: 94 Resp: 38871
Ion Ratio Lower Upper
94 100
96 95.3 73.4 110.2



#6
Chloroethane
Concen: 21.934 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.006 min
Lab File: VN087555.D
Acq: 14 Aug 2025 11:07

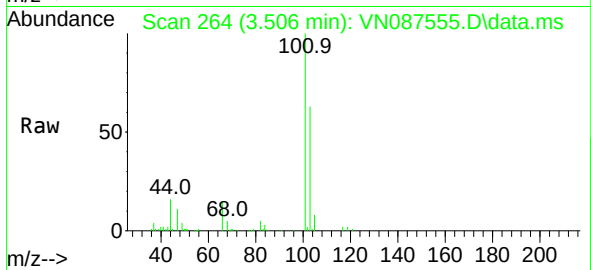
Tgt Ion: 64 Resp: 47553
Ion Ratio Lower Upper
64 100
66 26.5 24.6 36.8



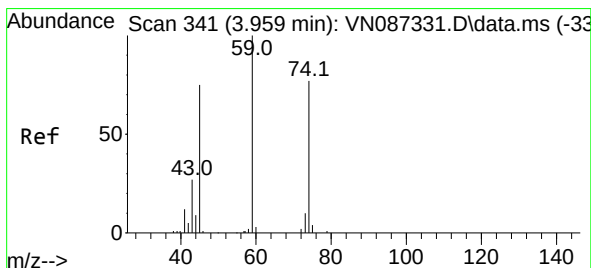
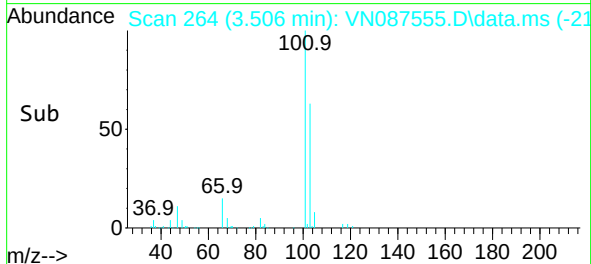
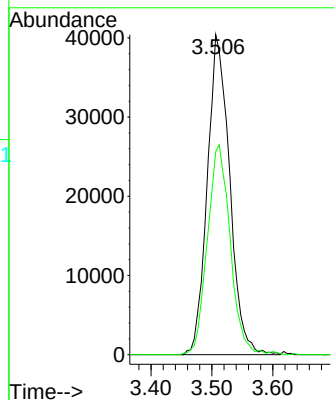


#7
 Trichlorofluoromethane
 Concen: 20.959 ug/l
 RT: 3.506 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN087555.D
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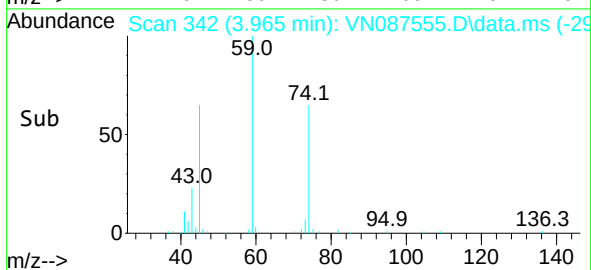
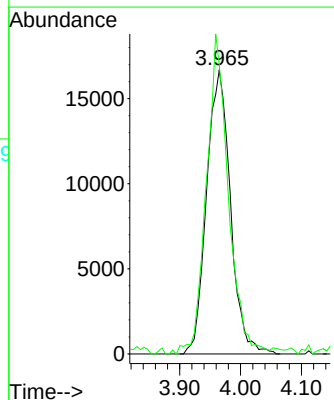
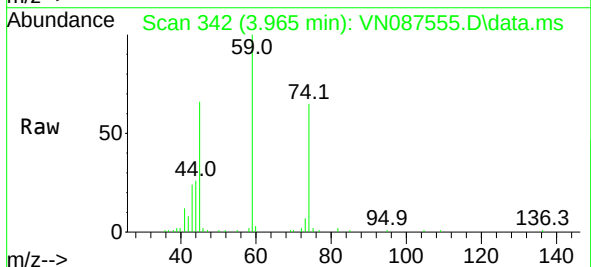


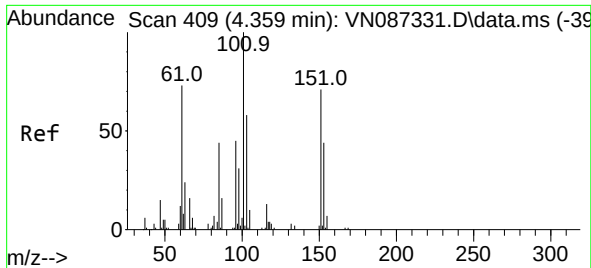
Tgt Ion:101 Resp: 103028
 Ion Ratio Lower Upper
 101 100
 103 63.5 49.8 74.6



#8
 Diethyl Ether
 Concen: 23.778 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN087555.D
 Acq: 14 Aug 2025 11:07

Tgt Ion: 74 Resp: 45341
 Ion Ratio Lower Upper
 74 100
 45 104.4 50.8 152.5

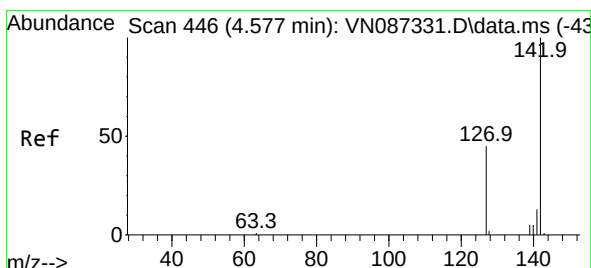
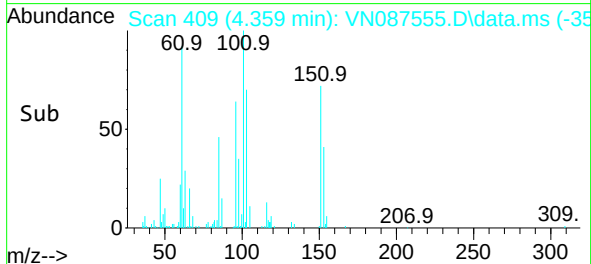
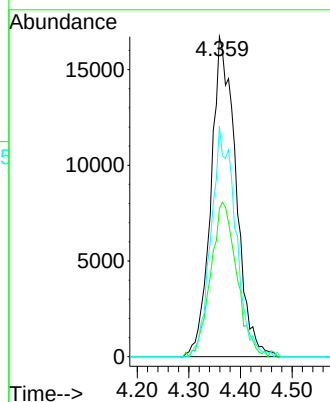
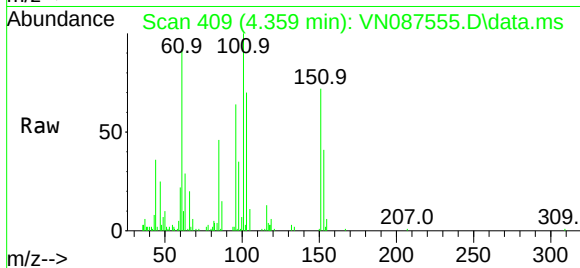




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.200 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.000 min
Lab File: VN087555.D
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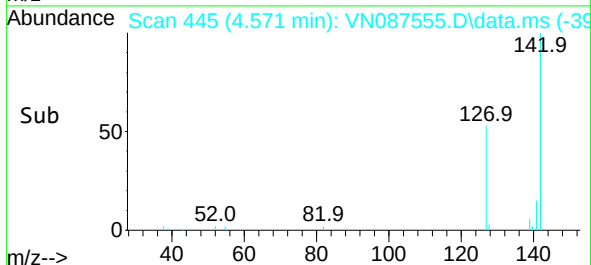
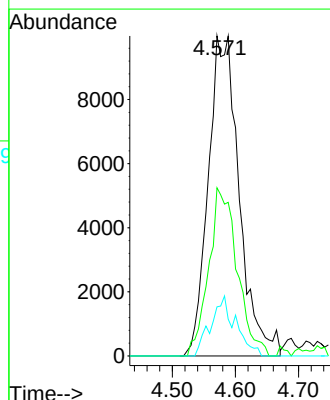
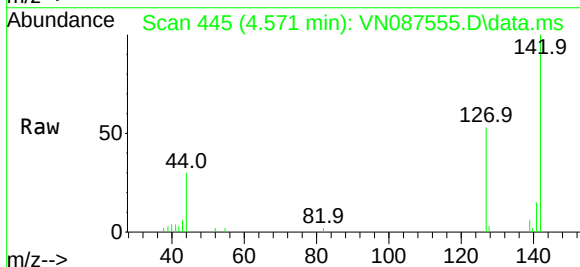
Instrument :
MSVOA_N
ClientSampleId :

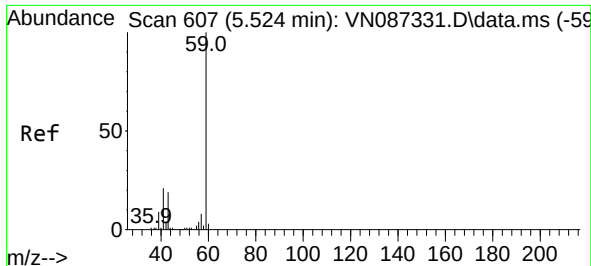
Tgt Ion:101 Resp: 56020
Ion Ratio Lower Upper
101 100
85 50.2 37.3 55.9
151 70.4 58.9 88.3



#10
Methyl Iodide
Concen: 17.223 ug/l
RT: 4.571 min Scan# 445
Delta R.T. -0.006 min
Lab File: VN087555.D
Acq: 14 Aug 2025 11:07

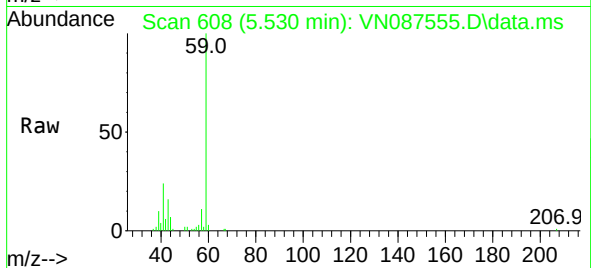
Tgt Ion:142 Resp: 33911
Ion Ratio Lower Upper
142 100
127 52.5 35.7 53.5
141 15.3 10.4 15.6



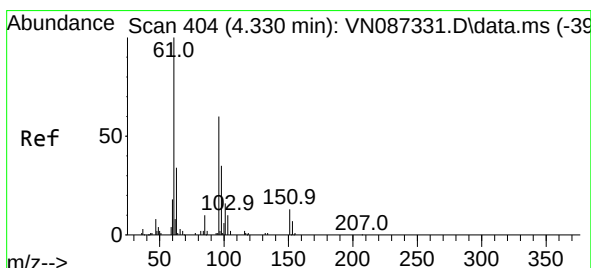
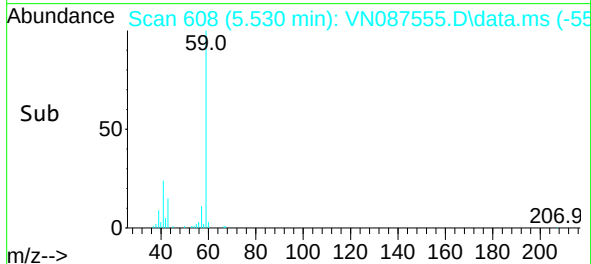
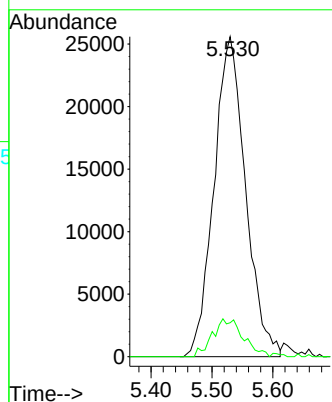


#11
Tert butyl alcohol
Concen: 114.174 ug/l
RT: 5.530 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN087555.D
Acq: 14 Aug 2025 11:07

Instrument :
MSVOA_N
ClientSampleId :

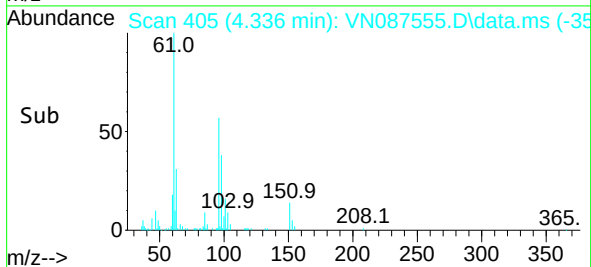
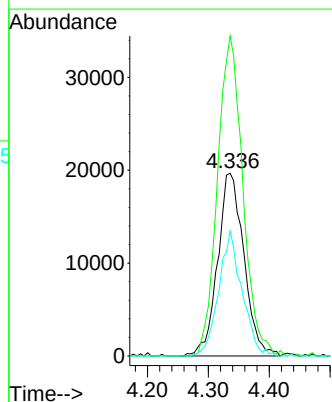
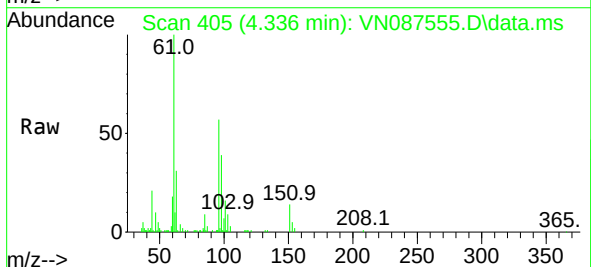


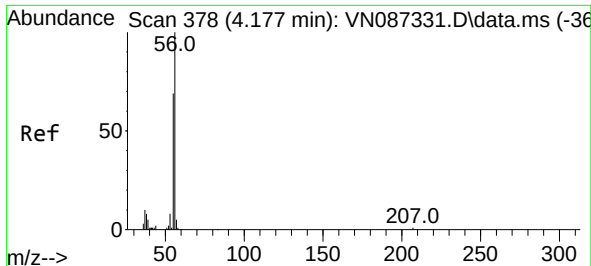
Tgt Ion: 59 Resp: 92129
Ion Ratio Lower Upper
59 100
57 11.4 8.3 12.5



#12
1,1-Dichloroethene
Concen: 20.609 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.006 min
Lab File: VN087555.D
Acq: 14 Aug 2025 11:07

Tgt Ion: 96 Resp: 58932
Ion Ratio Lower Upper
96 100
61 175.2 132.3 198.5
98 68.3 46.8 70.2

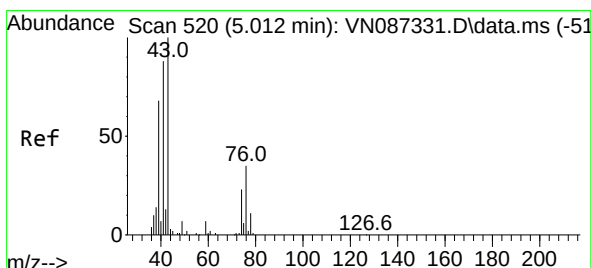
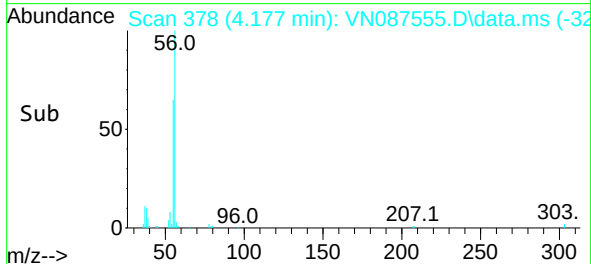
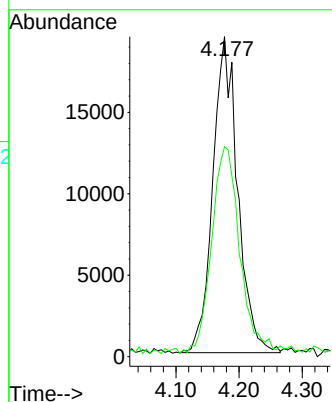
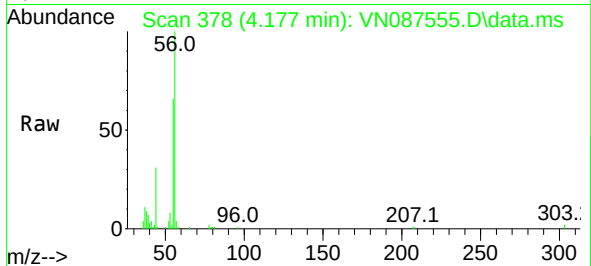




#13
Acrolein
Concen: 81.801 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN087555.D
Acq: 14 Aug 2025 11:07

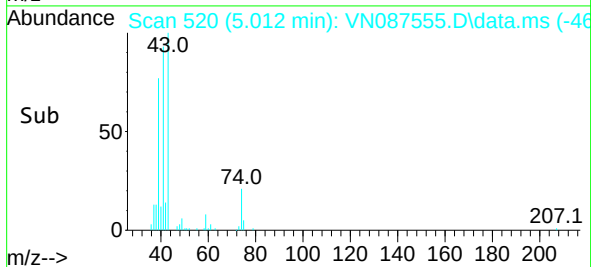
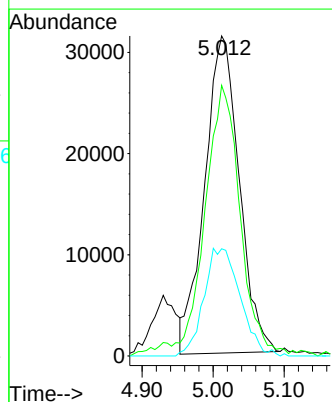
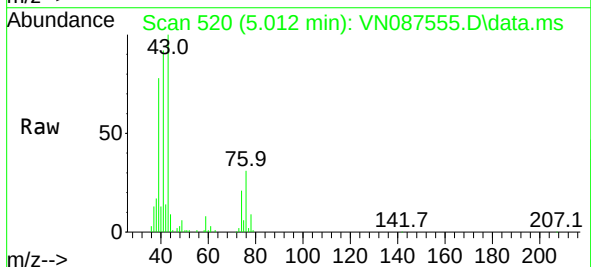
Instrument :
MSVOA_N
ClientSampleId :

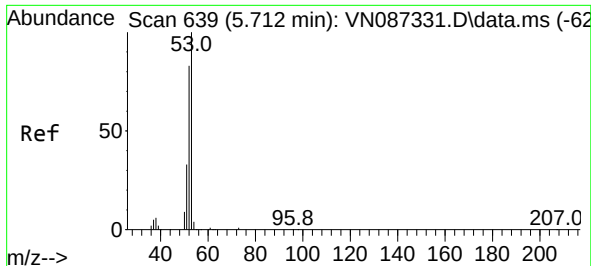
Tgt Ion: 56 Resp: 52972
Ion Ratio Lower Upper
56 100
55 74.1 56.2 84.4



#14
Allyl chloride
Concen: 20.512 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.000 min
Lab File: VN087555.D
Acq: 14 Aug 2025 11:07

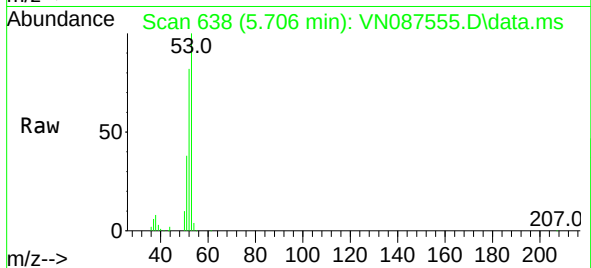
Tgt Ion: 41 Resp: 106153
Ion Ratio Lower Upper
41 100
39 84.4 59.0 88.6
76 35.6 28.7 43.1



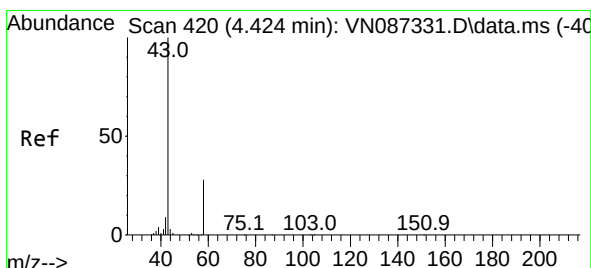
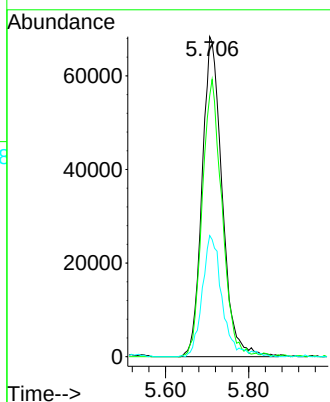
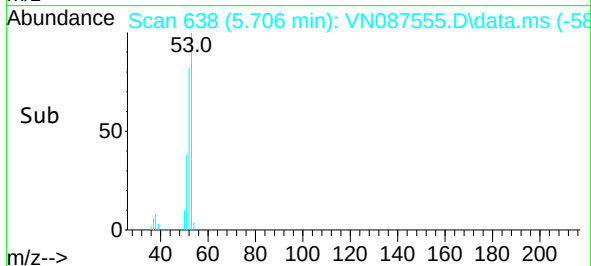


#15
Acrylonitrile
Concen: 104.238 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN087555.D
Acq: 14 Aug 2025 11:07

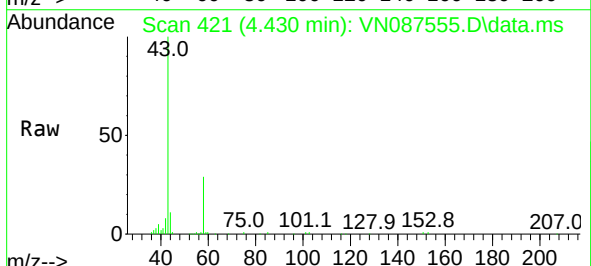
Instrument :
MSVOA_N
ClientSampleId :



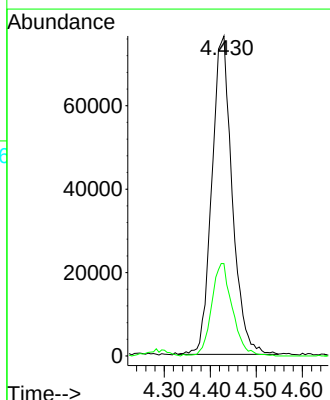
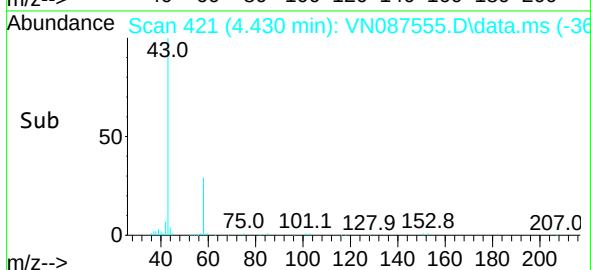
Tgt Ion: 53 Resp: 228245
Ion Ratio Lower Upper
53 100
52 85.4 65.5 98.3
51 37.0 28.7 43.1

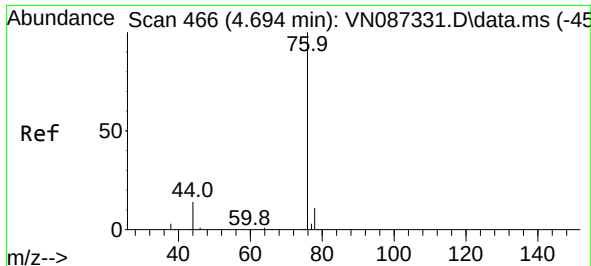


#16
Acetone
Concen: 117.551 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN087555.D
Acq: 14 Aug 2025 11:07



Tgt Ion: 43 Resp: 234225
Ion Ratio Lower Upper
43 100
58 29.0 22.3 33.5

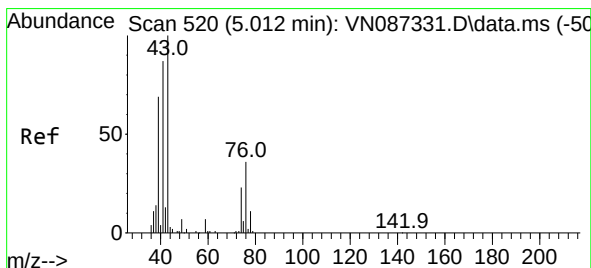
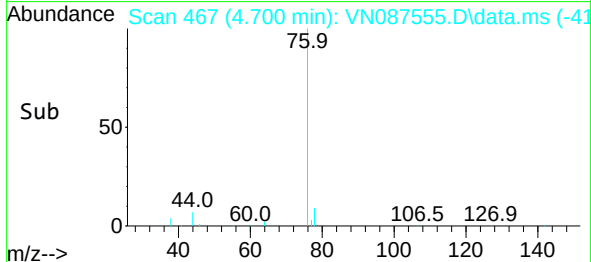
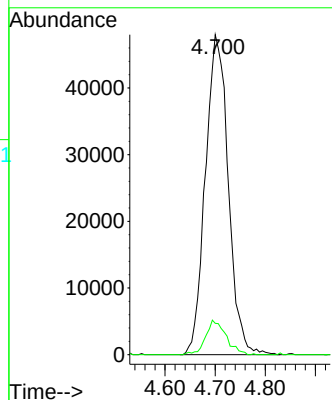
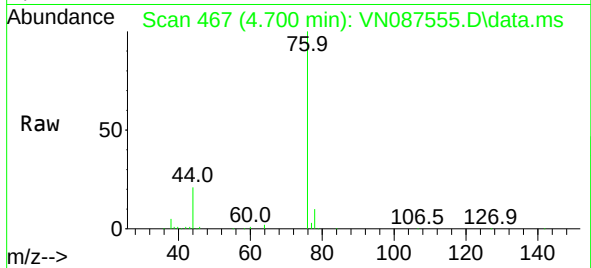




#17
Carbon Disulfide
Concen: 17.956 ug/l
RT: 4.700 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN087555.D
Acq: 14 Aug 2025 11:07

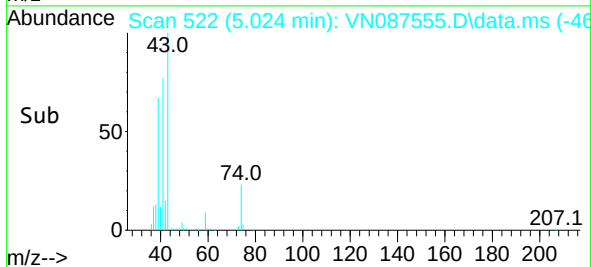
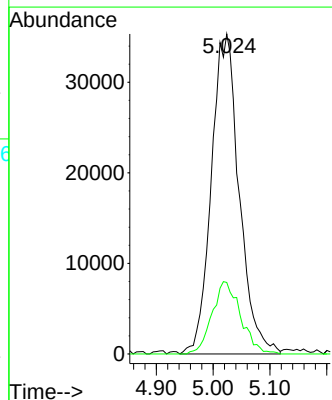
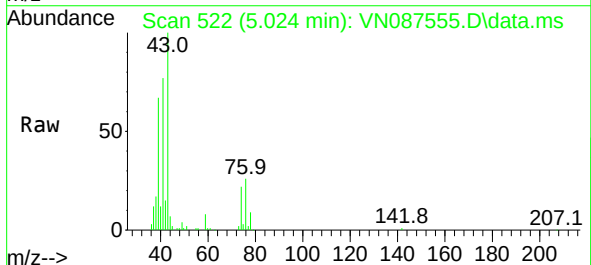
Instrument :
MSVOA_N
ClientSampleId :

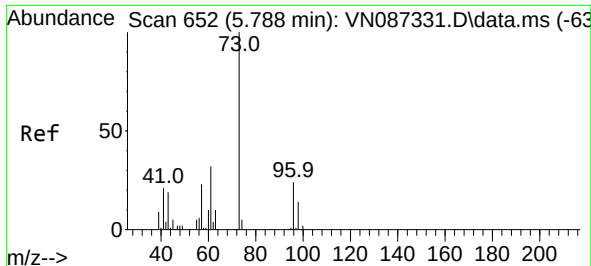
Tgt Ion: 76 Resp: 152230
Ion Ratio Lower Upper
76 100
78 9.8 8.6 13.0



#18
Methyl Acetate
Concen: 24.040 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.012 min
Lab File: VN087555.D
Acq: 14 Aug 2025 11:07

Tgt Ion: 43 Resp: 120344
Ion Ratio Lower Upper
43 100
74 23.2 17.8 26.6

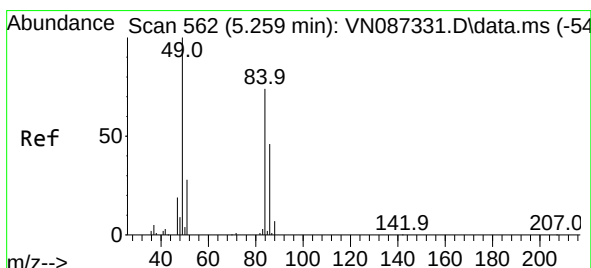
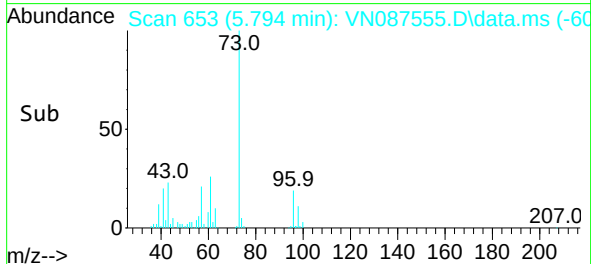
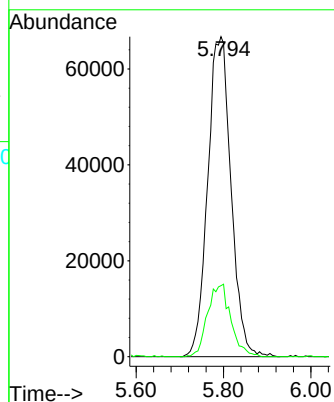
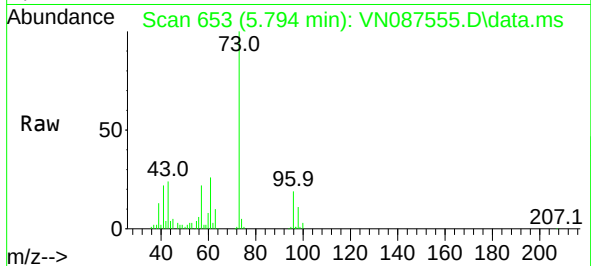




#19
Methyl tert-butyl Ether
Concen: 23.461 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087555.D
Acq: 14 Aug 2025 11:07

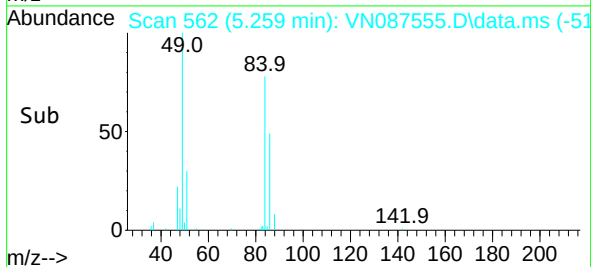
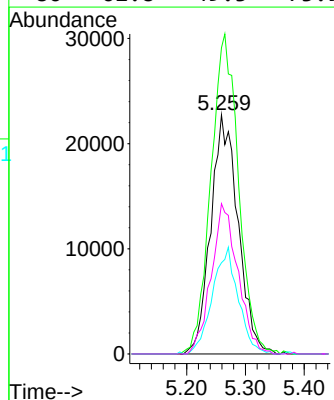
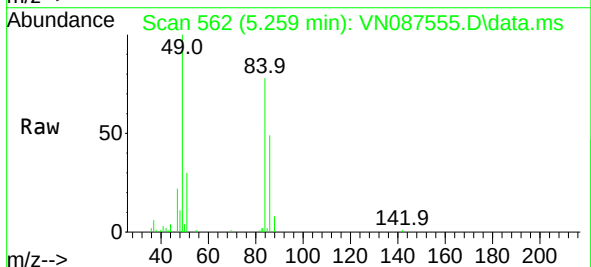
Instrument :
MSVOA_N
ClientSampleId :

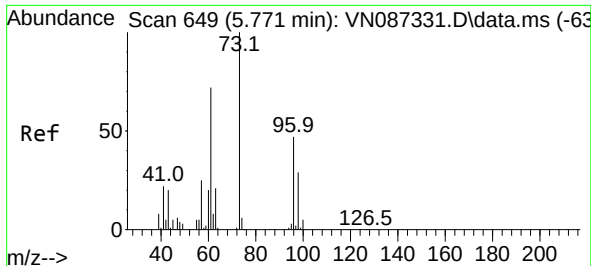
Tgt Ion: 73 Resp: 247283
Ion Ratio Lower Upper
73 100
57 22.2 18.6 27.8



#20
Methylene Chloride
Concen: 21.375 ug/l
RT: 5.259 min Scan# 562
Delta R.T. 0.000 min
Lab File: VN087555.D
Acq: 14 Aug 2025 11:07

Tgt Ion: 84 Resp: 73232
Ion Ratio Lower Upper
84 100
49 128.1 107.5 161.3
51 38.2 30.2 45.2
86 62.8 49.3 73.9

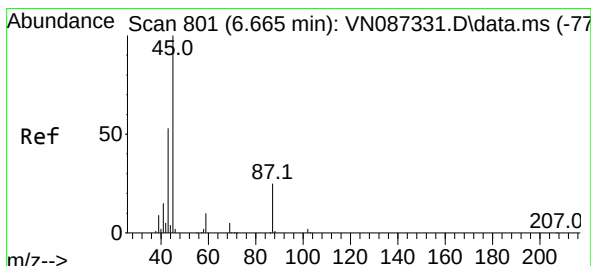
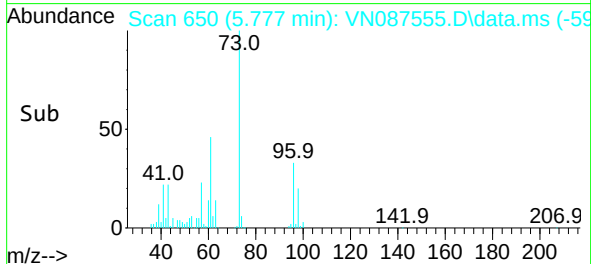
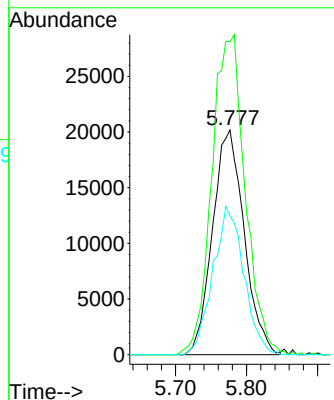
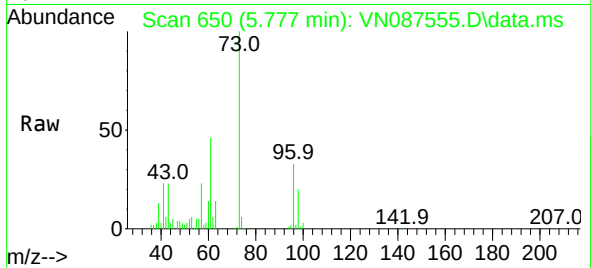




#21
trans-1,2-Dichloroethene
Concen: 19.394 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087555.D
Acq: 14 Aug 2025 11:07

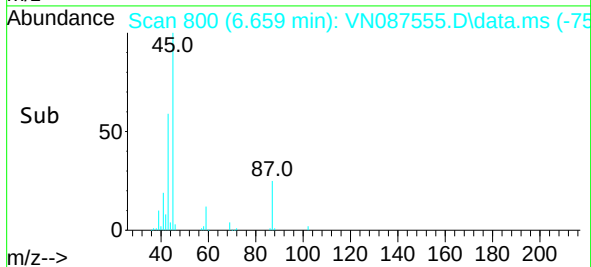
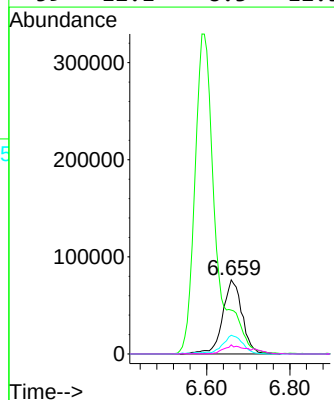
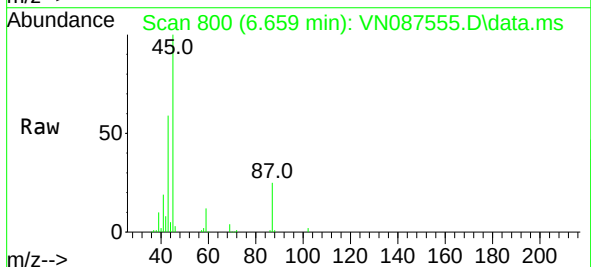
Instrument :
MSVOA_N
ClientSampleId :

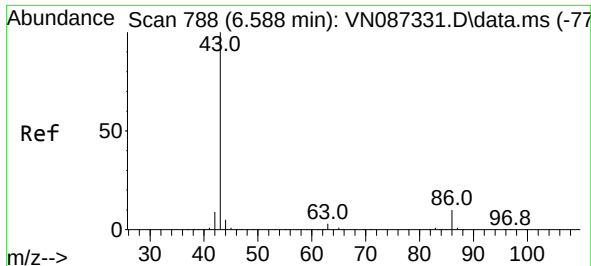
Tgt Ion: 96 Resp: 62532
Ion Ratio Lower Upper
96 100
61 138.4 122.0 183.0
98 61.8 50.0 75.0



#22
Diisopropyl ether
Concen: 22.809 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.006 min
Lab File: VN087555.D
Acq: 14 Aug 2025 11:07

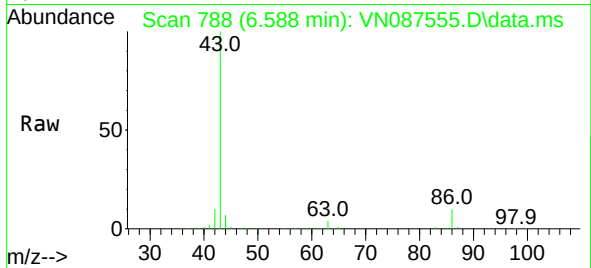
Tgt Ion: 45 Resp: 247597
Ion Ratio Lower Upper
45 100
43 58.6 42.8 64.2
87 25.3 19.8 29.6
59 12.1 8.3 12.5



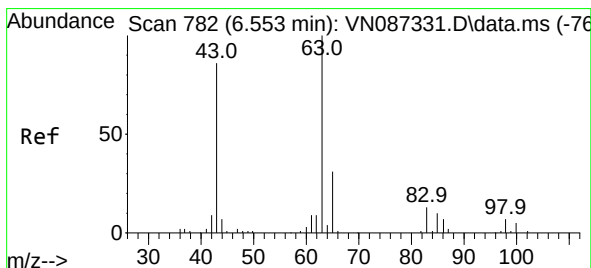
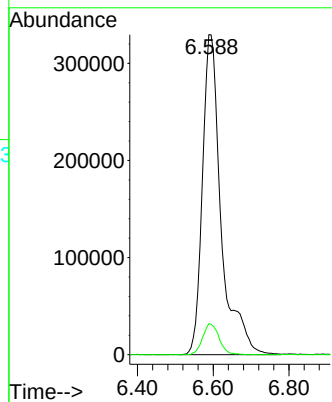
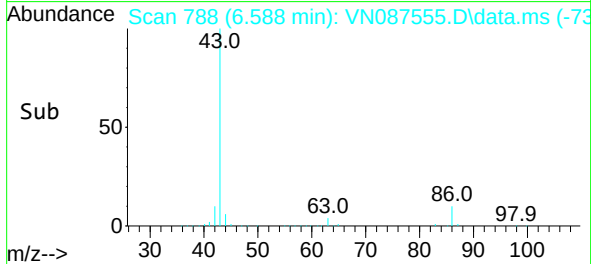


#23
 Vinyl Acetate
 Concen: 118.964 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VN087555.D
 Acq: 14 Aug 2025 11:07

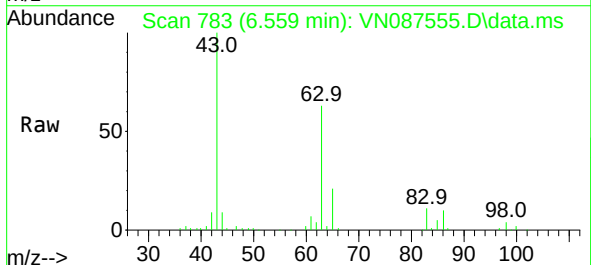
Instrument :
 MSVOA_N
 ClientSampleId :



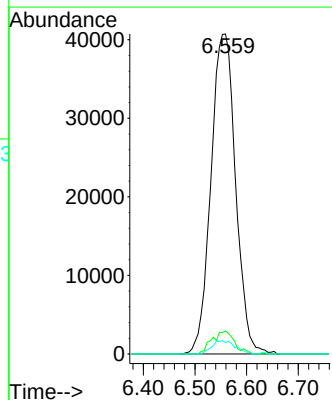
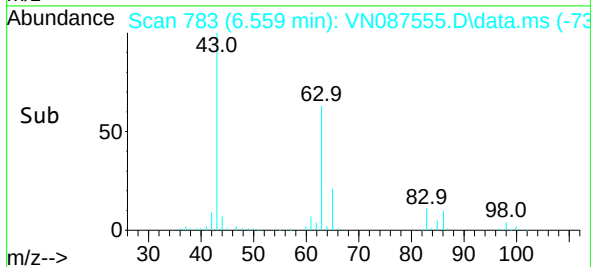
Tgt Ion: 43 Resp: 1129441
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.7 11.5

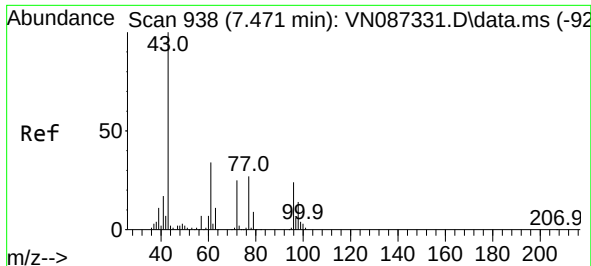


#24
 1,1-Dichloroethane
 Concen: 21.564 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. 0.006 min
 Lab File: VN087555.D
 Acq: 14 Aug 2025 11:07



Tgt Ion: 63 Resp: 135050
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.3 9.9
 100 3.5 2.5 7.4

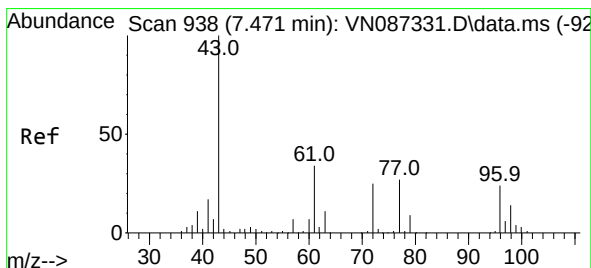
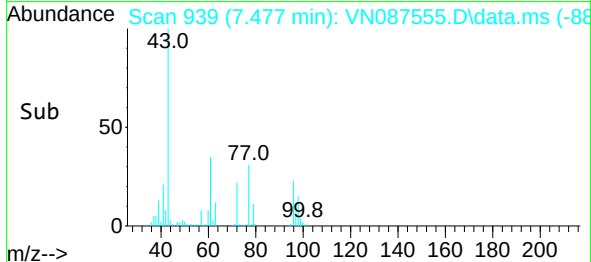
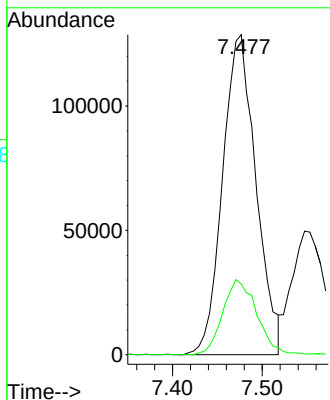
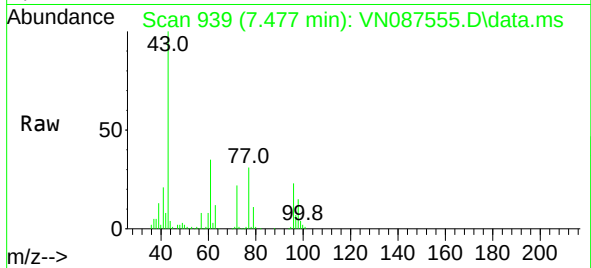




#25
2-Butanone
Concen: 108.103 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087555.D
Acq: 14 Aug 2025 11:07

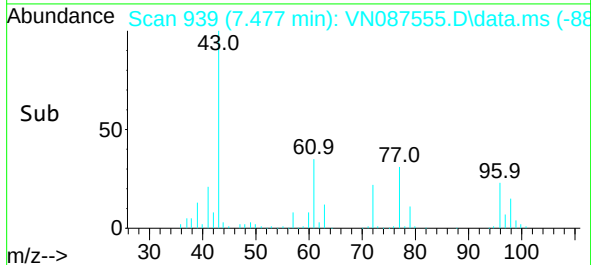
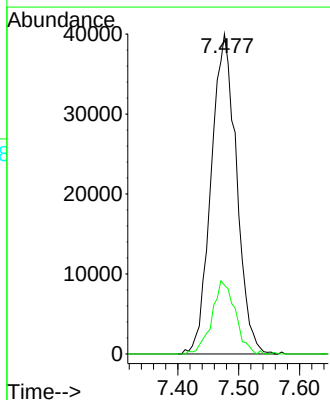
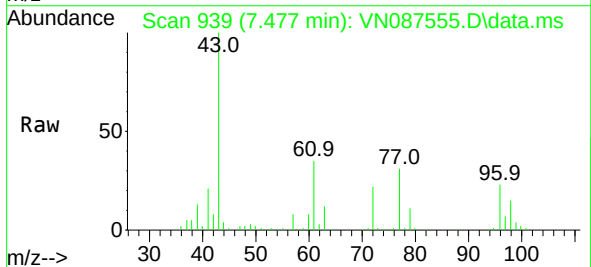
Instrument :
MSVOA_N
ClientSampleId :

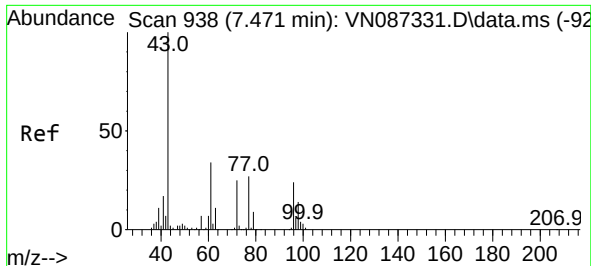
Tgt Ion: 43 Resp: 332813
Ion Ratio Lower Upper
43 100
72 22.1 19.6 29.4



#26
2,2-Dichloropropane
Concen: 23.748 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.006 min
Lab File: VN087555.D
Acq: 14 Aug 2025 11:07

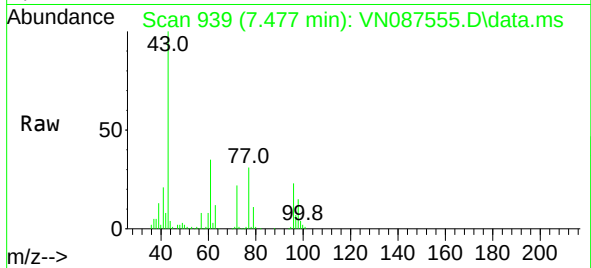
Tgt Ion: 77 Resp: 115630
Ion Ratio Lower Upper
77 100
97 20.9 11.1 33.1



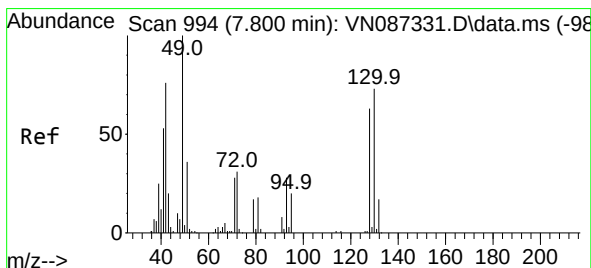
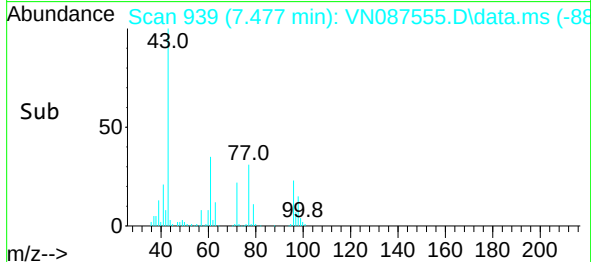
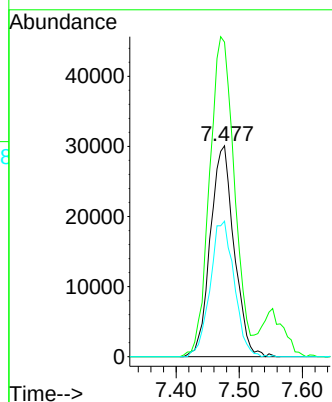


#27
 cis-1,2-Dichloroethene
 Concen: 21.217 ug/l
 RT: 7.477 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN087555.D
 Acq: 14 Aug 2025 11:07

Instrument :
 MSVOA_N
 ClientSampleId :

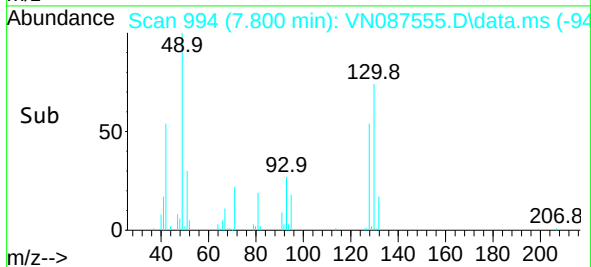
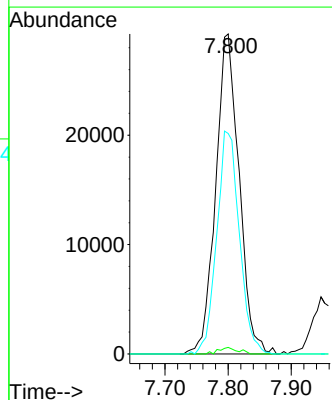
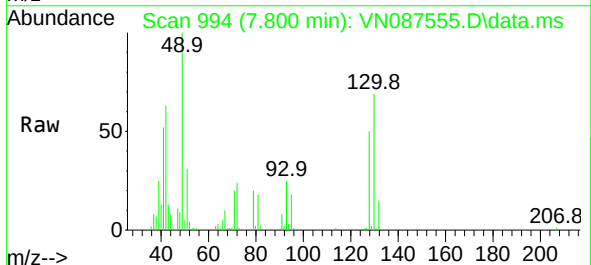


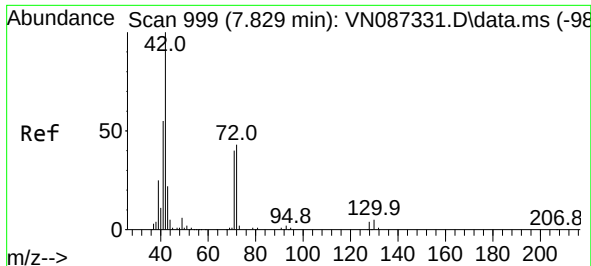
Tgt Ion: 96 Resp: 78759
 Ion Ratio Lower Upper
 96 100
 61 159.0 0.0 297.8
 98 65.0 0.0 132.4



#28
 Bromochloromethane
 Concen: 25.159 ug/l
 RT: 7.800 min Scan# 994
 Delta R.T. -0.000 min
 Lab File: VN087555.D
 Acq: 14 Aug 2025 11:07

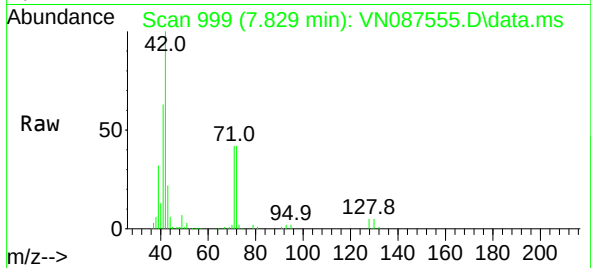
Tgt Ion: 49 Resp: 75409
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.2
 130 67.2 57.3 85.9



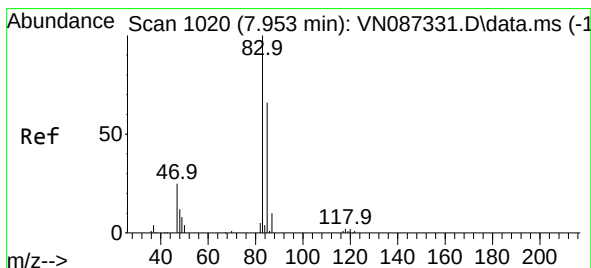
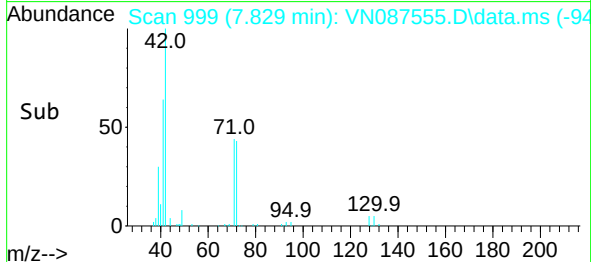
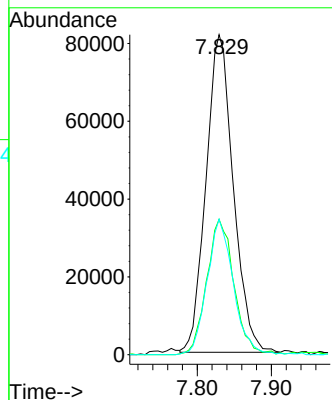


#29
Tetrahydrofuran
Concen: 104.471 ug/l
RT: 7.829 min Scan# 999
Delta R.T. 0.000 min
Lab File: VN087555.D
Acq: 14 Aug 2025 11:07

Instrument :
MSVOA_N
ClientSampleId :

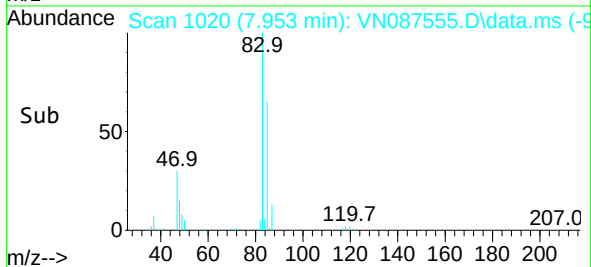
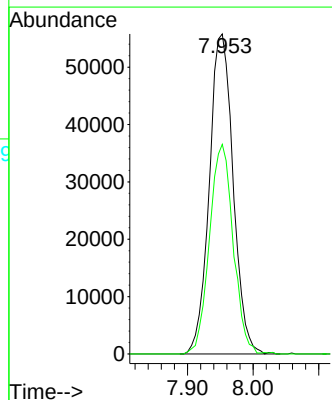
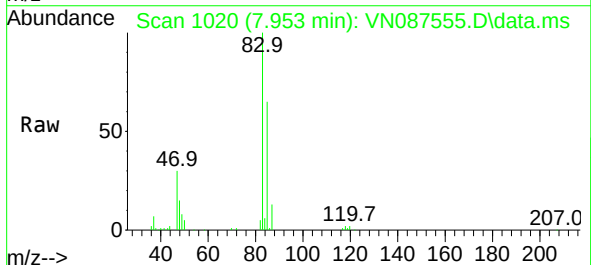


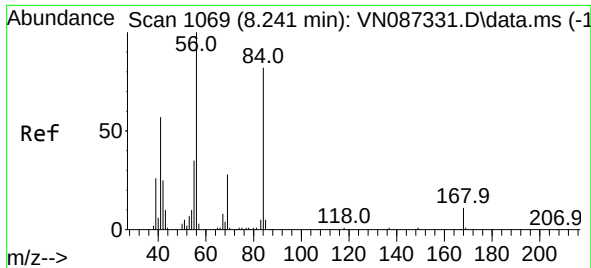
Tgt Ion: 42 Resp: 208941
Ion Ratio Lower Upper
42 100
72 42.6 33.4 50.0
71 41.0 31.2 46.8



#30
Chloroform
Concen: 22.445 ug/l
RT: 7.953 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VN087555.D
Acq: 14 Aug 2025 11:07

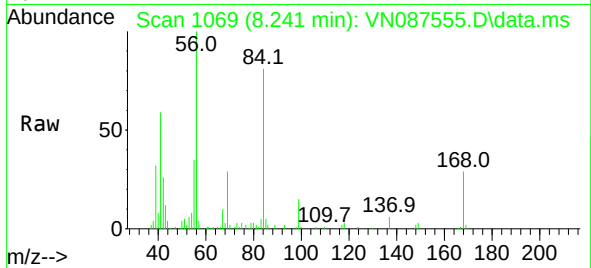
Tgt Ion: 83 Resp: 140698
Ion Ratio Lower Upper
83 100
85 65.5 52.7 79.1



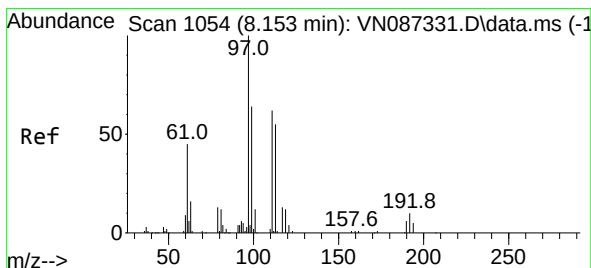
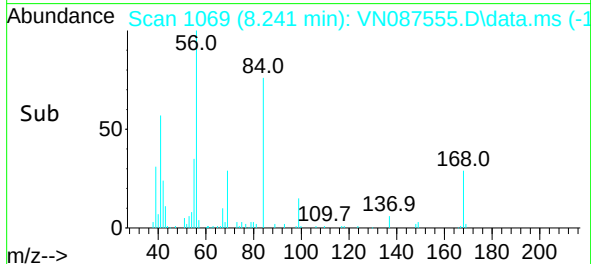
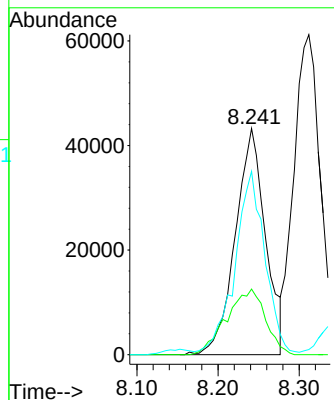


#31
Cyclohexane
Concen: 21.380 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VN087555.D
Acq: 14 Aug 2025 11:07

Instrument :
MSVOA_N
ClientSampleId :

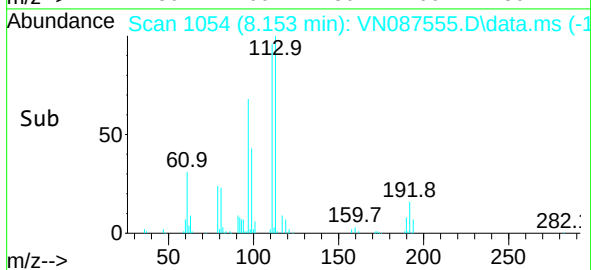
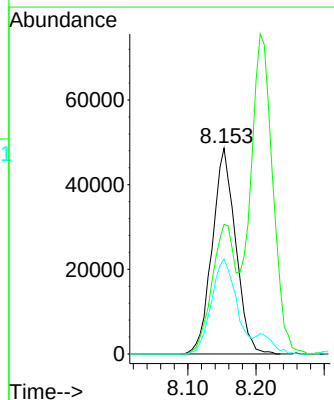
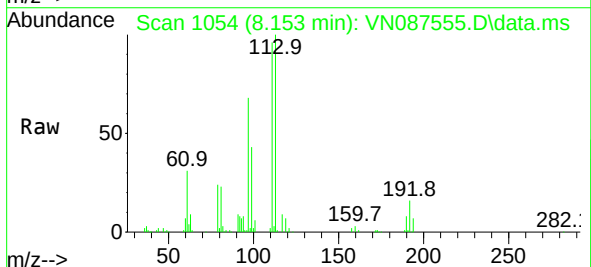


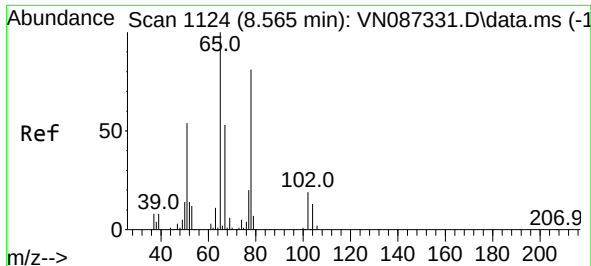
Tgt Ion: 56 Resp: 111696
Ion Ratio Lower Upper
56 100
69 29.0 22.7 34.1
84 78.7 65.8 98.6



#32
1,1,1-Trichloroethane
Concen: 21.362 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN087555.D
Acq: 14 Aug 2025 11:07

Tgt Ion: 97 Resp: 115982
Ion Ratio Lower Upper
97 100
99 60.1 51.8 77.8
61 49.7 38.7 58.1





#33

1,2-Dichloroethane-d4

Concen: 57.648 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. 0.000 min

Lab File: VN087555.D

Acq: 14 Aug 2025 11:07

Instrument :

MSVOA_N

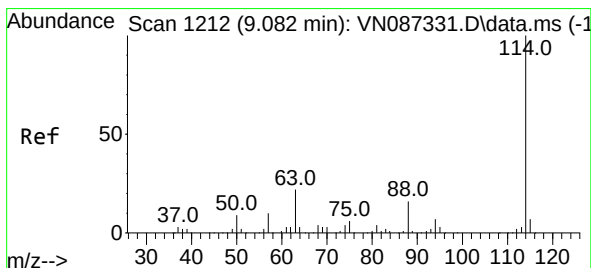
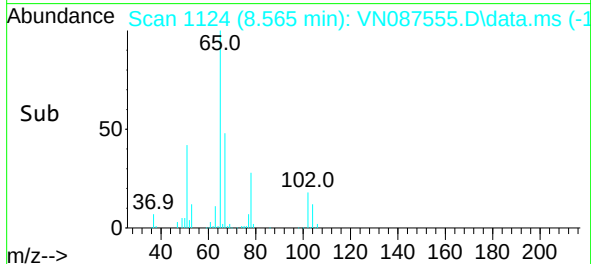
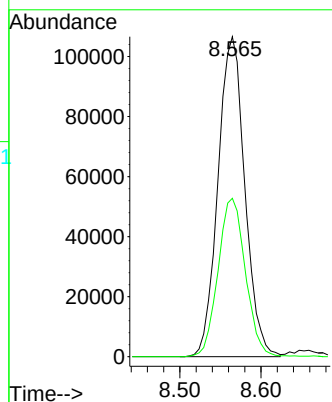
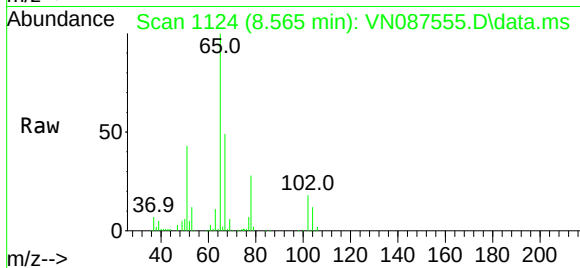
ClientSampleId :

Tgt Ion: 65 Resp: 244982

Ion Ratio Lower Upper

65 100

67 50.5 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: VN087555.D

Acq: 14 Aug 2025 11:07

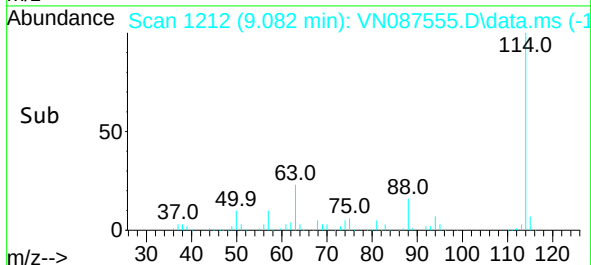
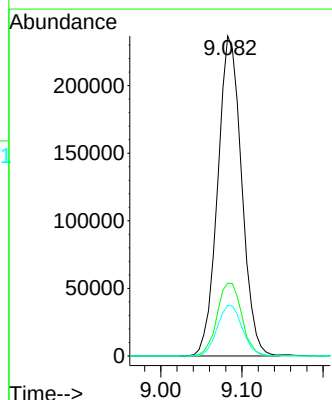
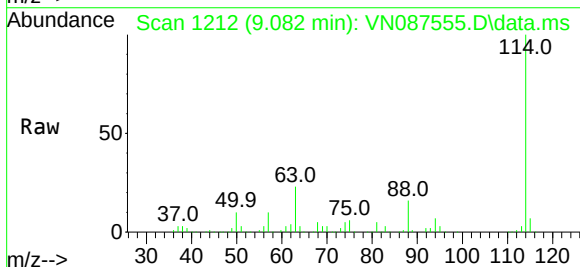
Tgt Ion: 114 Resp: 485218

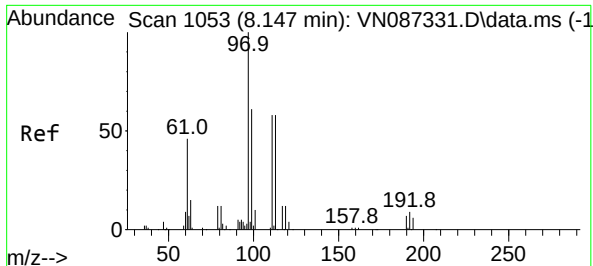
Ion Ratio Lower Upper

114 100

63 22.7 0.0 44.6

88 15.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.692 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.006 min

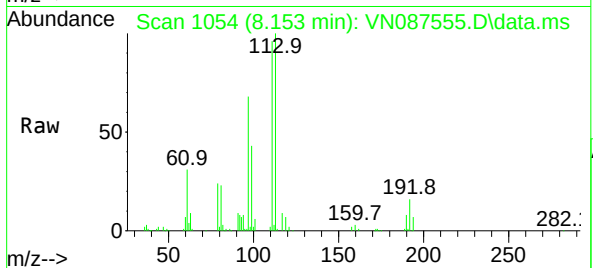
Lab File: VN087555.D

Acq: 14 Aug 2025 11:07

Instrument :

MSVOA_N

ClientSampleId :



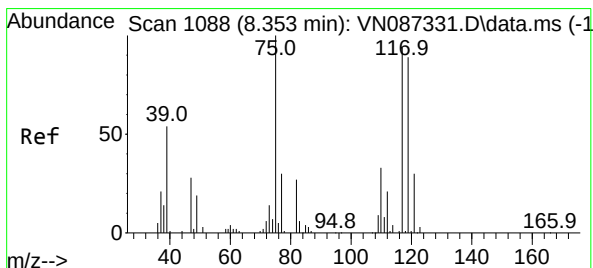
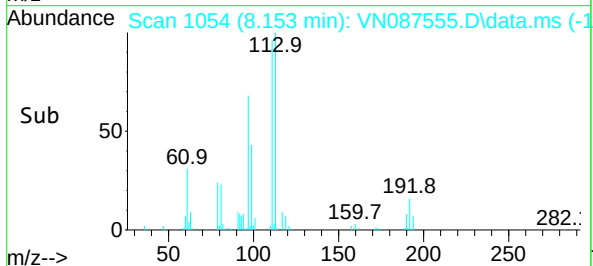
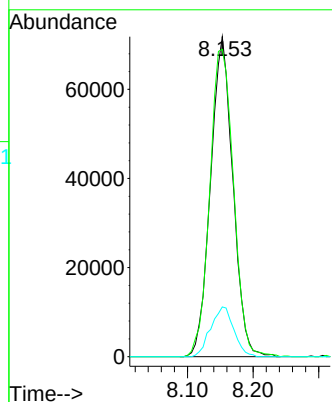
Tgt Ion:113 Resp: 169668

Ion Ratio Lower Upper

113 100

111 102.4 82.5 123.7

192 16.1 13.7 20.5



#36

1,1-Dichloropropene

Concen: 20.523 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VN087555.D

Acq: 14 Aug 2025 11:07

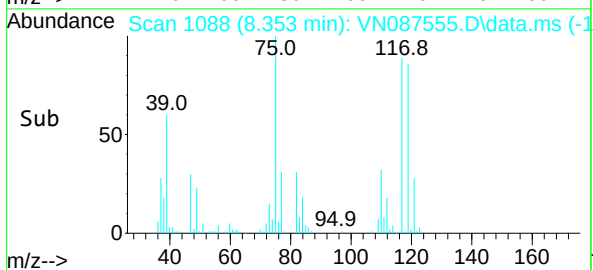
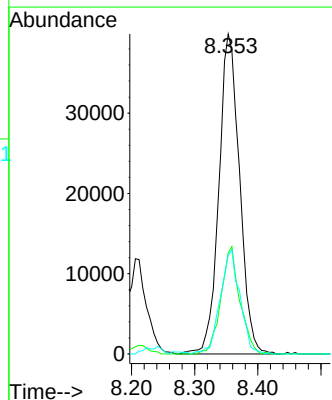
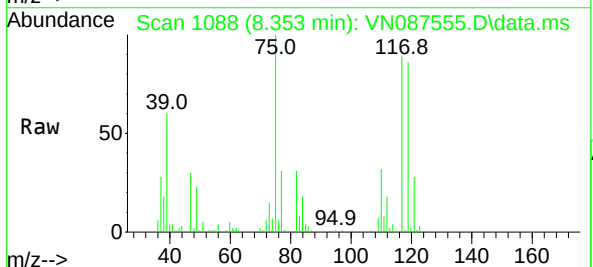
Tgt Ion: 75 Resp: 90752

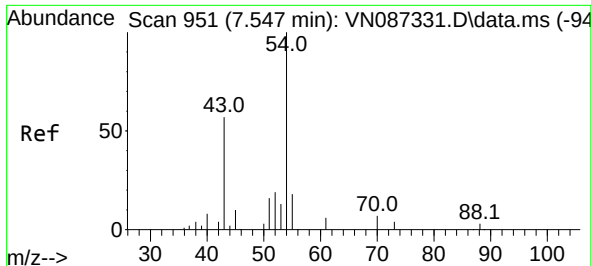
Ion Ratio Lower Upper

75 100

110 30.8 16.7 50.1

77 31.0 25.2 37.8





#37

Ethyl Acetate

Concen: 20.524 ug/l

RT: 7.547 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN087555.D

Acq: 14 Aug 2025 11:07

Instrument :

MSVOA_N

ClientSampleId :

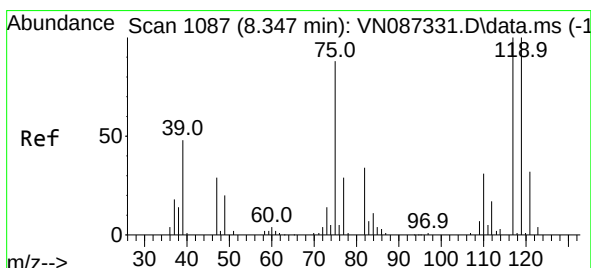
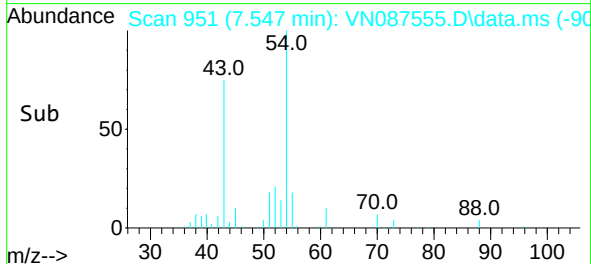
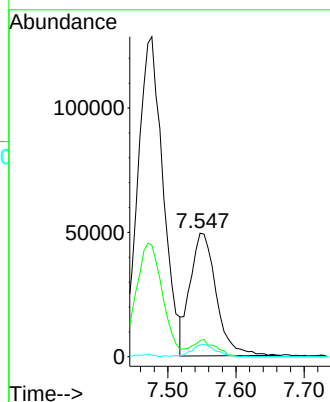
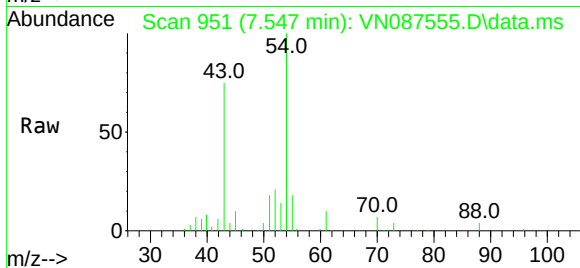
Tgt Ion: 43 Resp: 131078

Ion Ratio Lower Upper

43 100

61 12.5 10.9 16.3

70 9.3 7.4 11.0



#38

Carbon Tetrachloride

Concen: 19.181 ug/l

RT: 8.347 min Scan# 1087

Delta R.T. 0.000 min

Lab File: VN087555.D

Acq: 14 Aug 2025 11:07

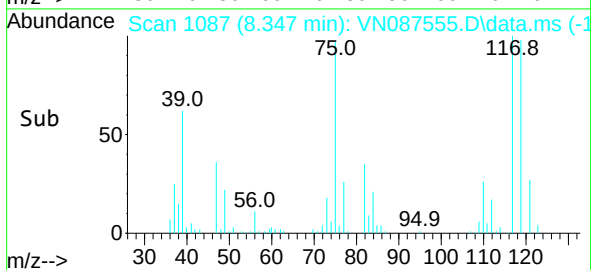
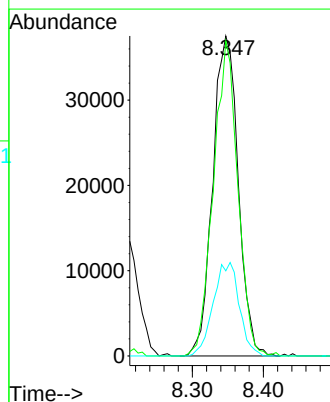
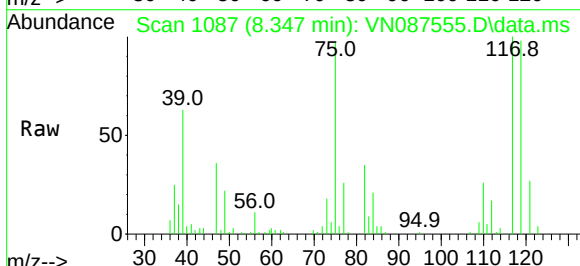
Tgt Ion: 117 Resp: 93434

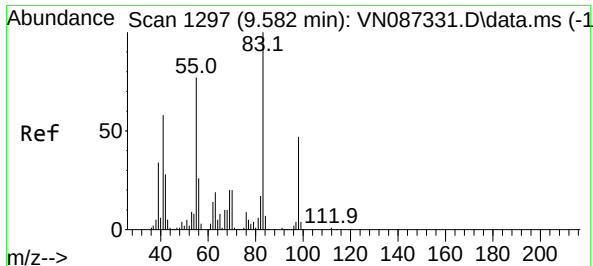
Ion Ratio Lower Upper

117 100

119 98.4 80.2 120.2

121 26.6 25.4 38.2





#39

Methylcyclohexane

Concen: 20.130 ug/l

RT: 9.582 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087555.D

Acq: 14 Aug 2025 11:07

Instrument :

MSVOA_N

ClientSampleId :

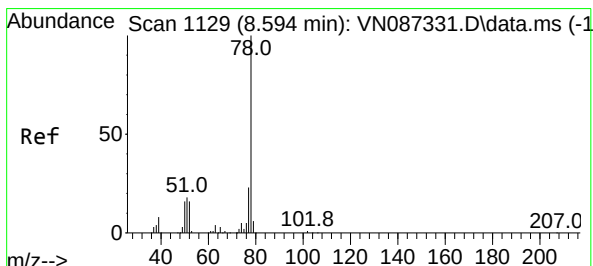
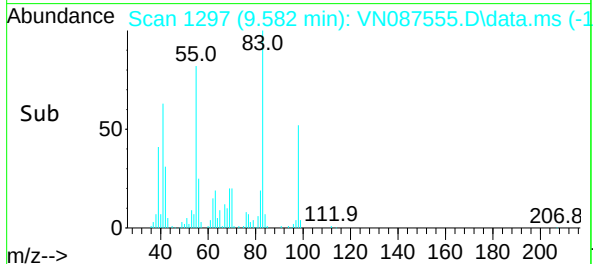
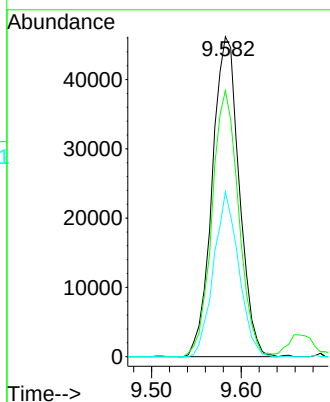
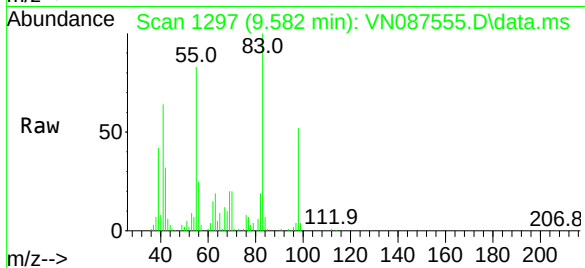
Tgt Ion: 83 Resp: 96372

Ion Ratio Lower Upper

83 100

55 83.1 61.3 91.9

98 51.6 37.9 56.9



#40

Benzene

Concen: 20.261 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN087555.D

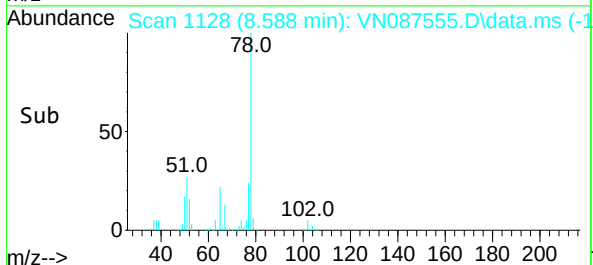
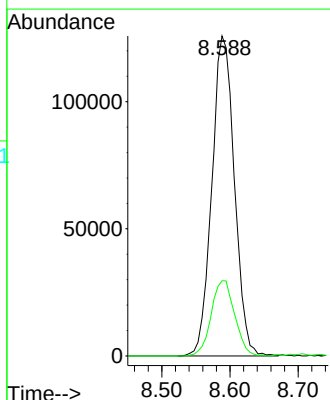
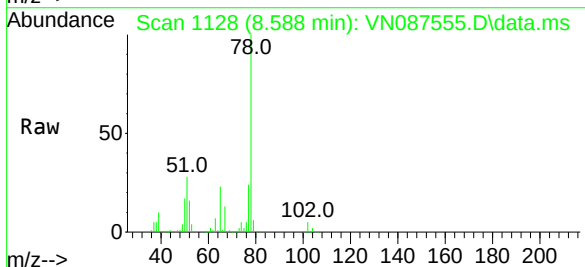
Acq: 14 Aug 2025 11:07

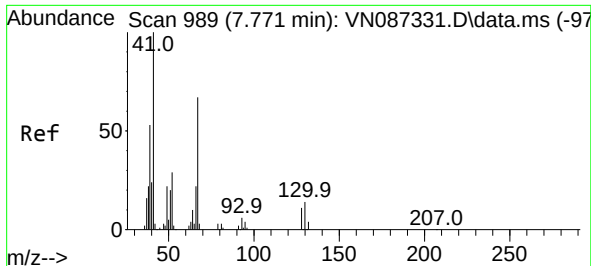
Tgt Ion: 78 Resp: 289566

Ion Ratio Lower Upper

78 100

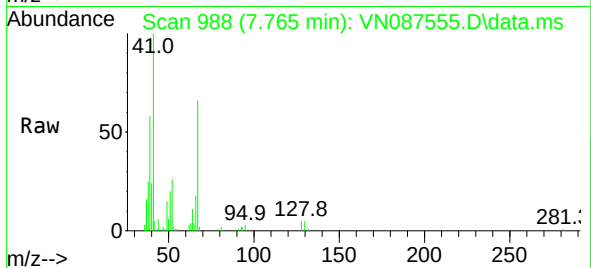
77 23.5 18.2 27.2



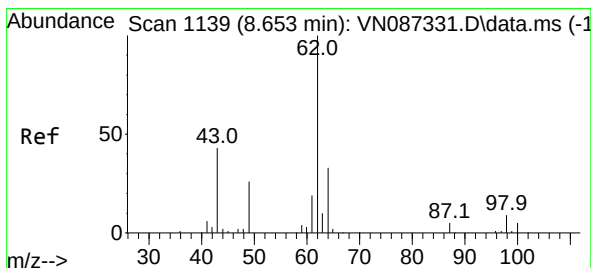
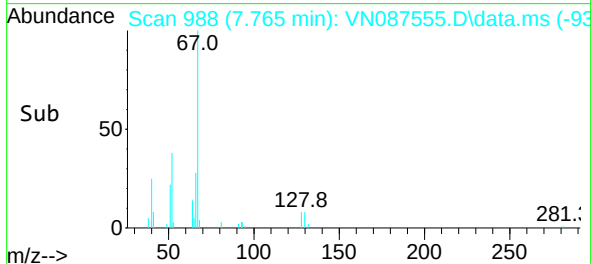
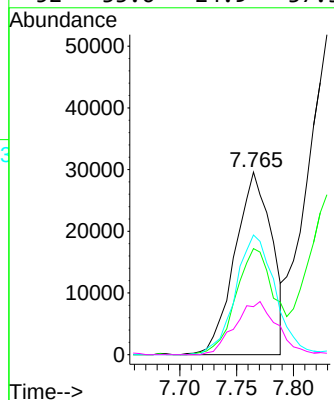


#41
Methacrylonitrile
Concen: 19.992 ug/l
RT: 7.765 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087555.D
Acq: 14 Aug 2025 11:07

Instrument :
MSVOA_N
ClientSampleId :

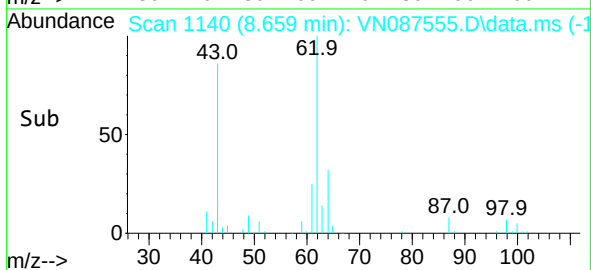
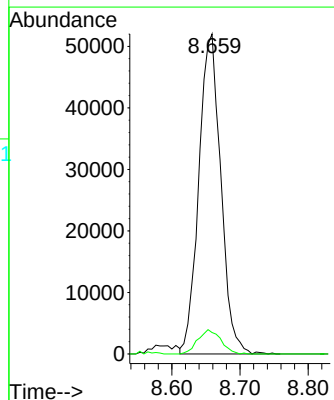
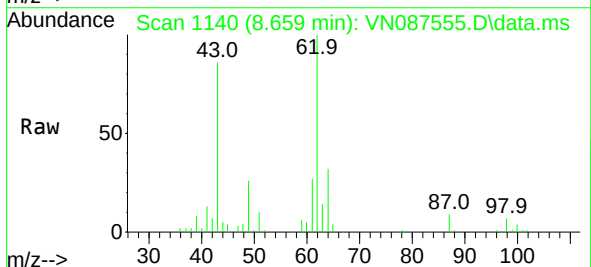


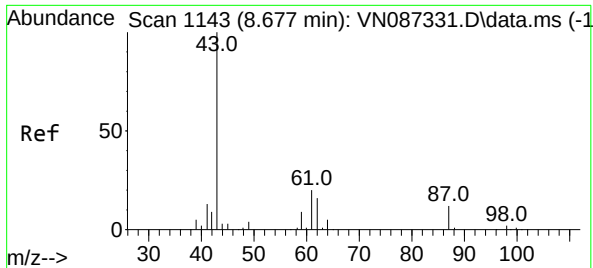
Tgt Ion:	41	Resp:	66759
Ion	Ratio	Lower	Upper
41	100		
39	61.1	43.4	65.0
67	70.9	55.1	82.7
52	33.6	24.9	37.3



#42
1,2-Dichloroethane
Concen: 21.531 ug/l
RT: 8.659 min Scan# 1140
Delta R.T. 0.006 min
Lab File: VN087555.D
Acq: 14 Aug 2025 11:07

Tgt Ion:	62	Resp:	116694
Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	18.0

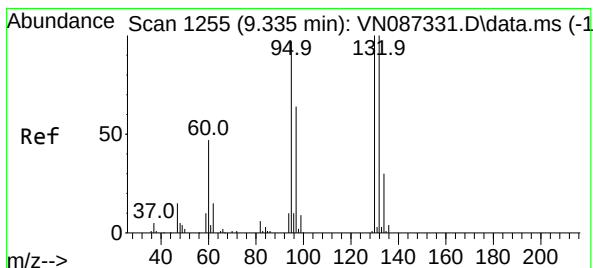
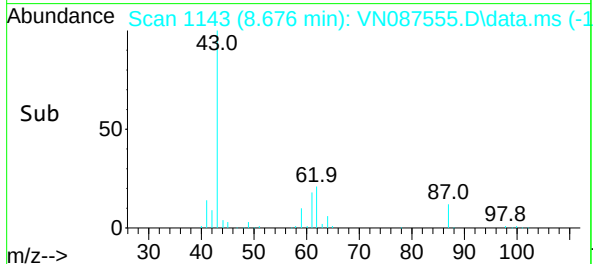
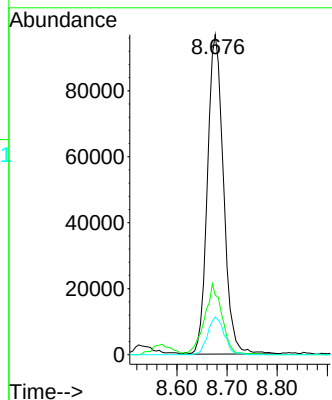
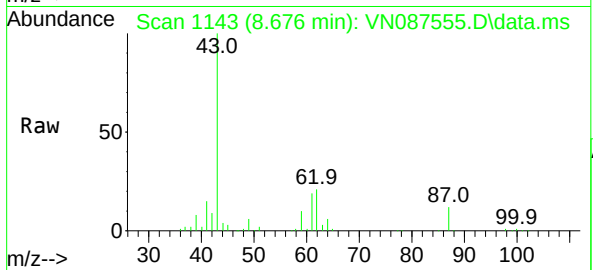




#43
Isopropyl Acetate
Concen: 21.696 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. -0.001 min
Lab File: VN087555.D
Acq: 14 Aug 2025 11:07

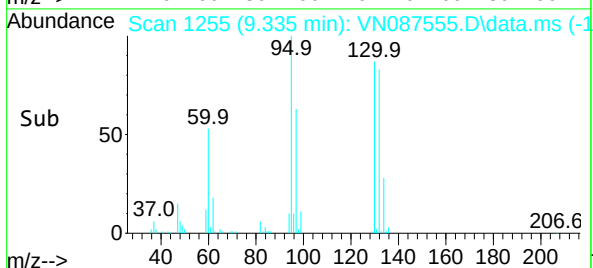
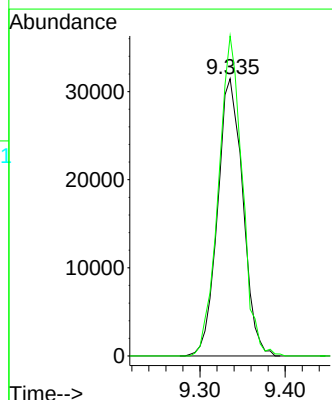
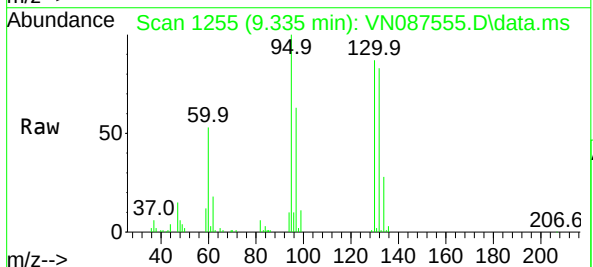
Instrument :
MSVOA_N
ClientSampleId :

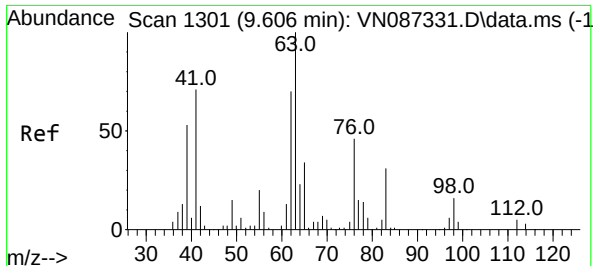
Tgt Ion: 43 Resp: 215090
Ion Ratio Lower Upper
43 100
61 23.3 19.8 29.8
87 12.2 9.8 14.6



#44
Trichloroethene
Concen: 19.172 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN087555.D
Acq: 14 Aug 2025 11:07

Tgt Ion:130 Resp: 64743
Ion Ratio Lower Upper
130 100
95 115.4 0.0 195.2





#45

1,2-Dichloropropane

Concen: 20.442 ug/l

RT: 9.606 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087555.D

Acq: 14 Aug 2025 11:07

Instrument :

MSVOA_N

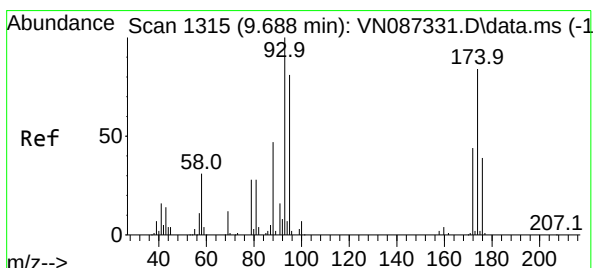
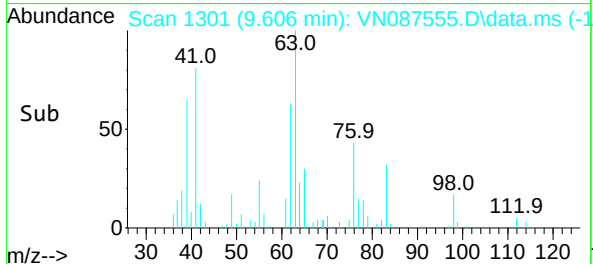
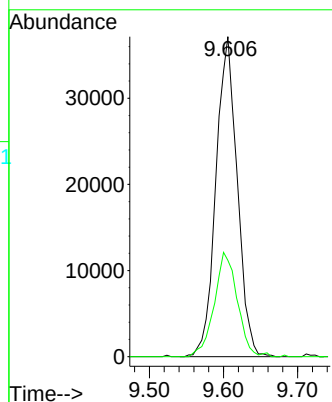
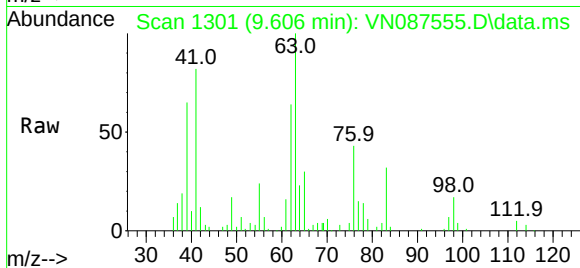
ClientSampleId :

Tgt Ion: 63 Resp: 74233

Ion Ratio Lower Upper

63 100

65 30.1 27.0 40.4



#46

Dibromomethane

Concen: 20.795 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN087555.D

Acq: 14 Aug 2025 11:07

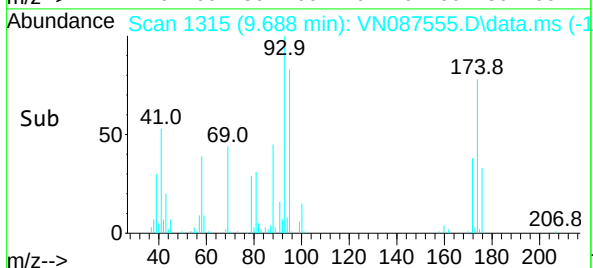
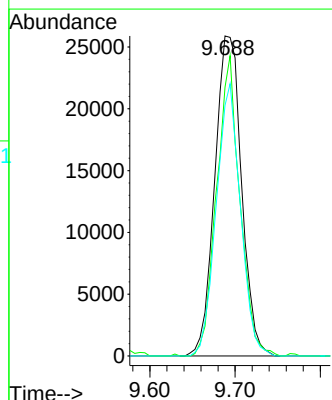
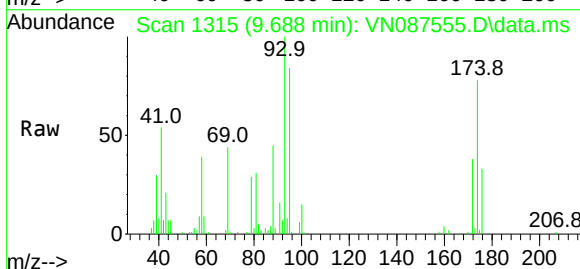
Tgt Ion: 93 Resp: 56540

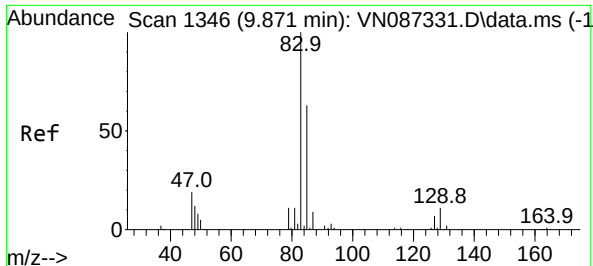
Ion Ratio Lower Upper

93 100

95 81.5 65.8 98.8

174 76.8 69.9 104.9





#47

Bromodichloromethane

Concen: 20.530 ug/l

RT: 9.871 min Scan# 11

Delta R.T. 0.000 min

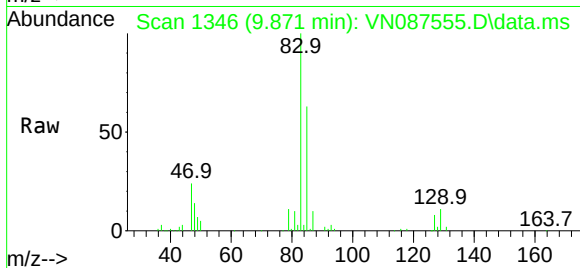
Lab File: VN087555.D

Acq: 14 Aug 2025 11:07

Instrument :

MSVOA_N

ClientSampleId :



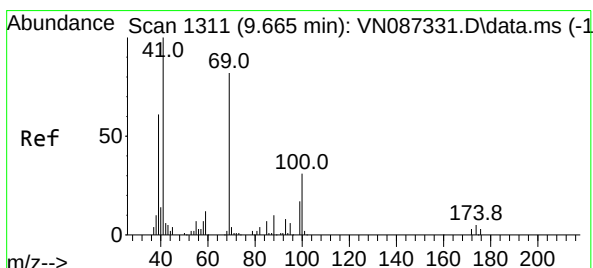
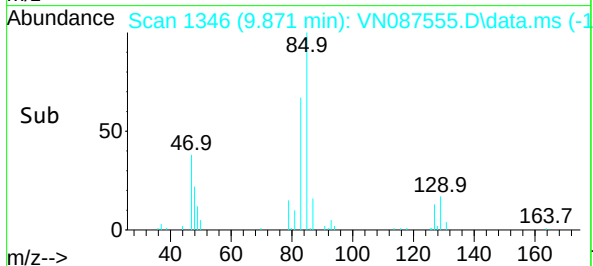
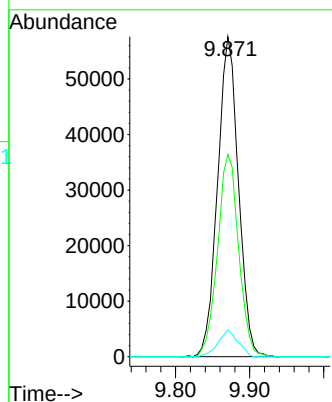
Tgt Ion: 83 Resp: 112437

Ion Ratio Lower Upper

83 100

85 63.2 50.4 75.6

127 8.3 5.8 8.8



#48

Methyl methacrylate

Concen: 22.008 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VN087555.D

Acq: 14 Aug 2025 11:07

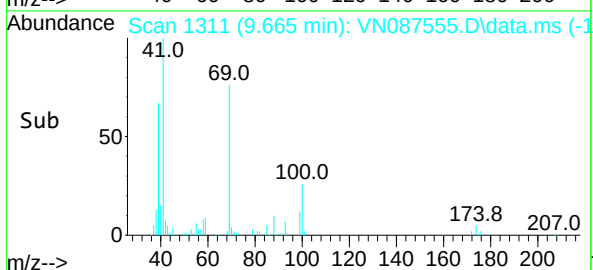
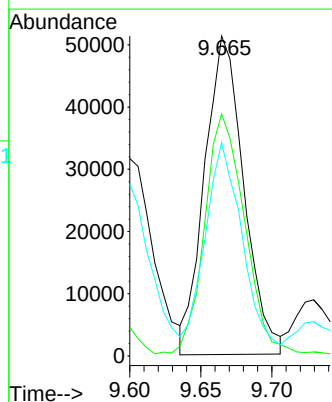
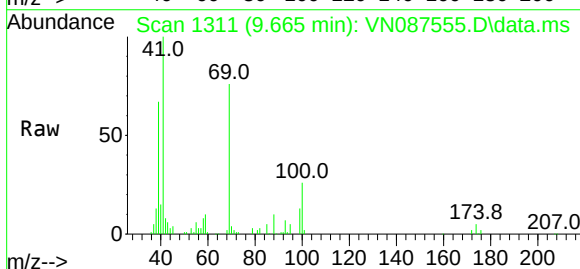
Tgt Ion: 41 Resp: 98225

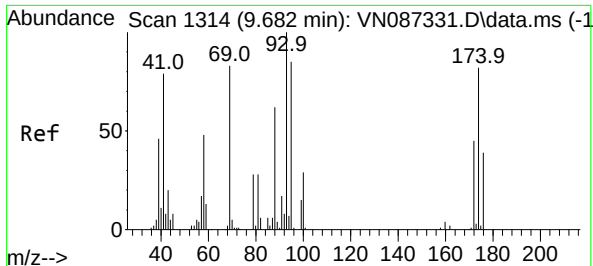
Ion Ratio Lower Upper

41 100

69 78.9 64.1 96.1

39 65.2 45.5 68.3





#49

1,4-Dioxane

Concen: 447.176 ug/l

RT: 9.688 min Scan# 1

Delta R.T. 0.006 min

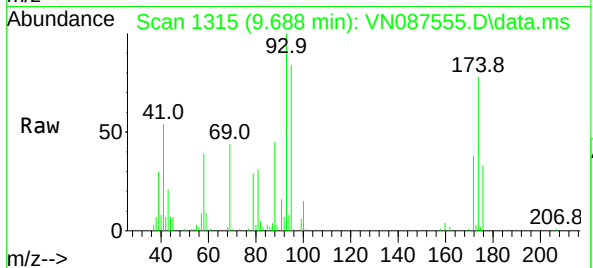
Lab File: VN087555.D

Acq: 14 Aug 2025 11:07

Instrument :

MSVOA_N

ClientSampleId :



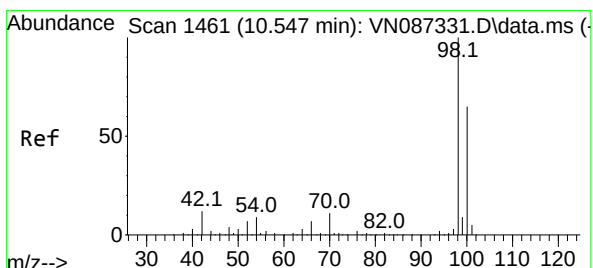
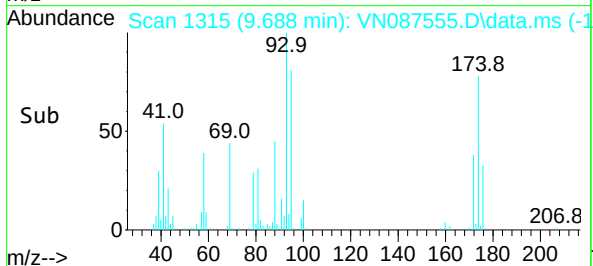
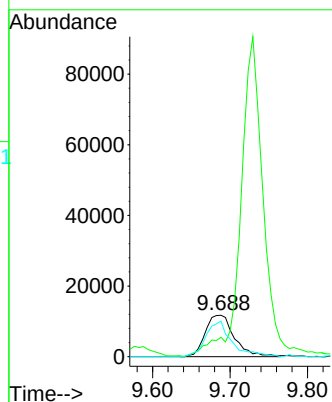
Tgt Ion: 88 Resp: 30568

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 76.6 61.1 91.7



#50

Toluene-d8

Concen: 50.695 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN087555.D

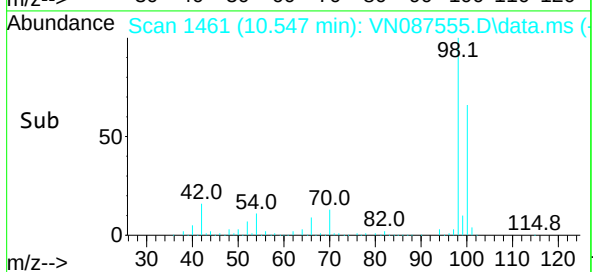
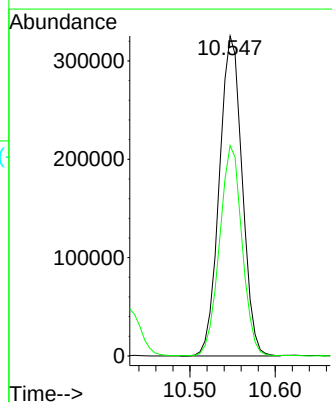
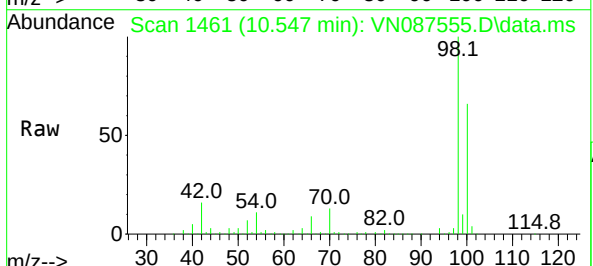
Acq: 14 Aug 2025 11:07

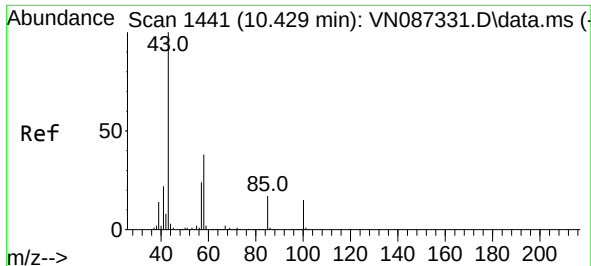
Tgt Ion: 98 Resp: 605258

Ion Ratio Lower Upper

98 100

100 64.5 52.1 78.1

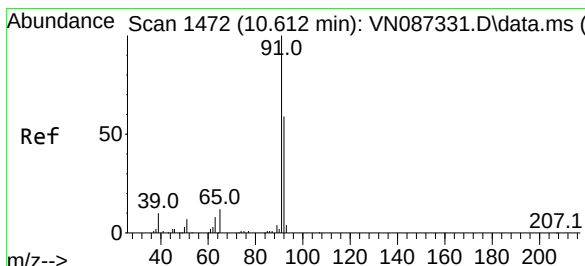
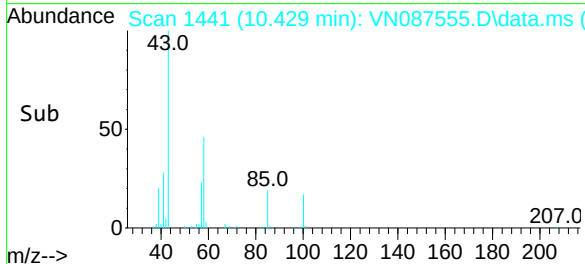
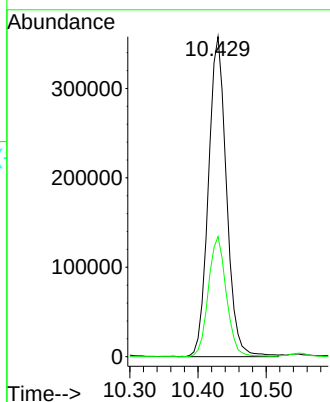
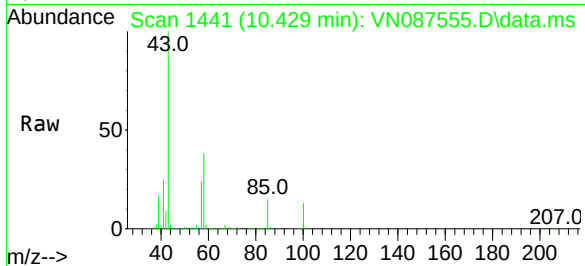




#51
4-Methyl-2-Pentanone
Concen: 105.450 ug/l
RT: 10.429 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VN087555.D
Acq: 14 Aug 2025 11:07

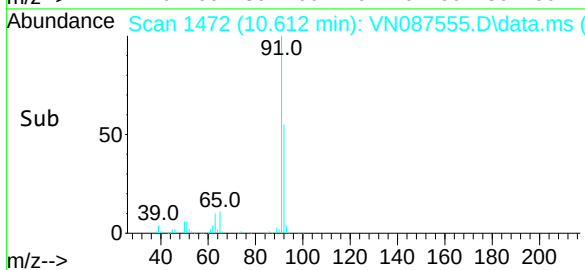
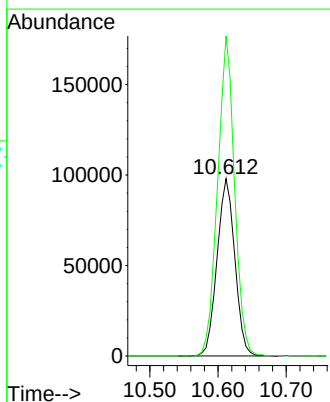
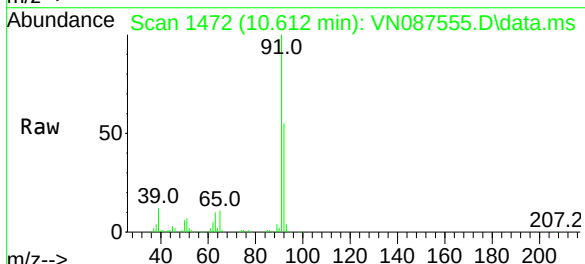
Instrument :
MSVOA_N
ClientSampleId :

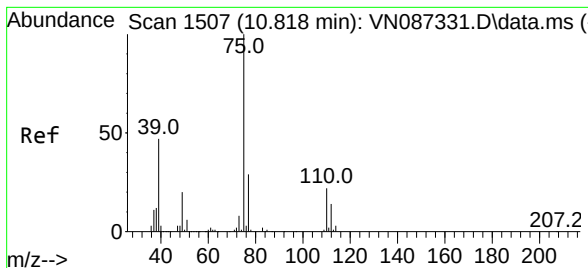
Tgt Ion: 43 Resp: 661207
Ion Ratio Lower Upper
43 100
58 37.3 30.8 46.2



#52
Toluene
Concen: 20.443 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087555.D
Acq: 14 Aug 2025 11:07

Tgt Ion: 92 Resp: 177586
Ion Ratio Lower Upper
92 100
91 172.6 135.1 202.7

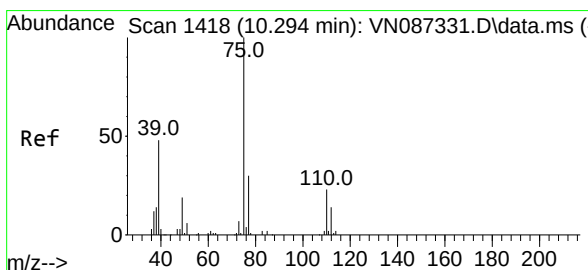
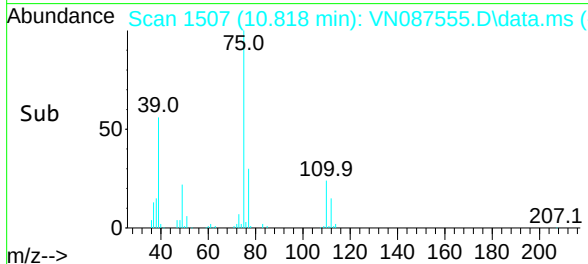
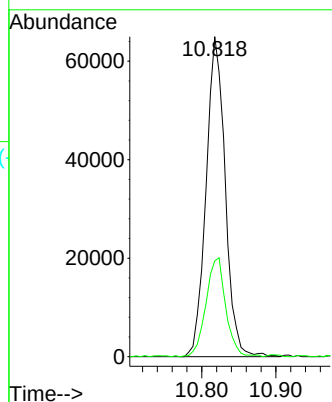
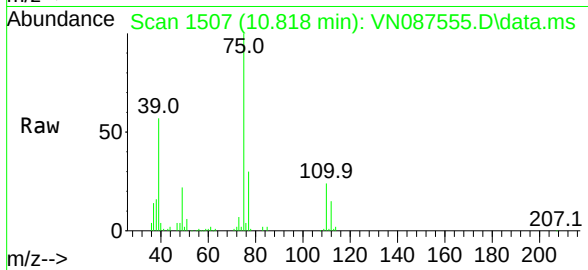




#53
 t-1,3-Dichloropropene
 Concen: 20.990 ug/l
 RT: 10.818 min Scan# 1507
 Delta R.T. -0.000 min
 Lab File: VN087555.D
 Acq: 14 Aug 2025 11:07

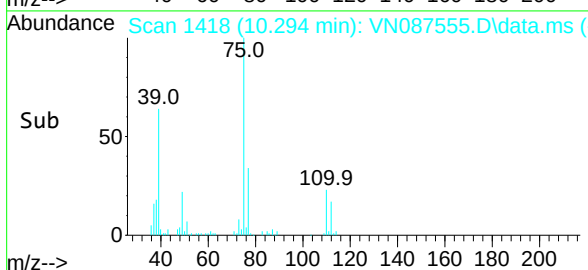
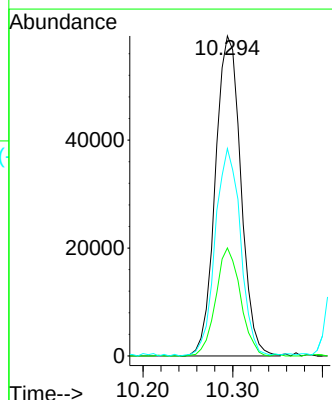
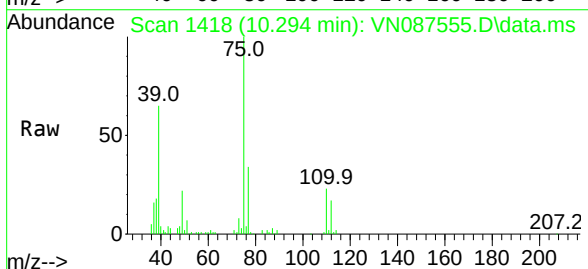
Instrument :
 MSVOA_N
 ClientSampleId :

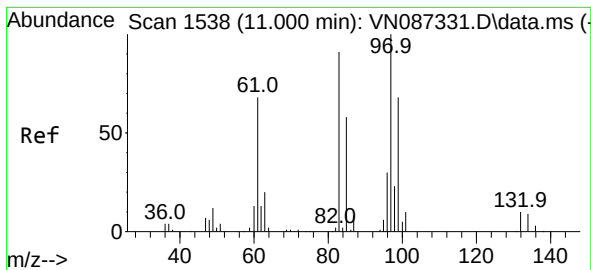
Tgt Ion: 75 Resp: 116338
 Ion Ratio Lower Upper
 75 100
 77 30.0 23.6 35.4



#54
 cis-1,3-Dichloropropene
 Concen: 20.420 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VN087555.D
 Acq: 14 Aug 2025 11:07

Tgt Ion: 75 Resp: 116909
 Ion Ratio Lower Upper
 75 100
 77 33.7 24.2 36.2
 39 64.8 38.4 57.6#





#55

1,1,2-Trichloroethane

Concen: 20.652 ug/l

RT: 10.994 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN087555.D

Acq: 14 Aug 2025 11:07

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 97 Resp: 72631

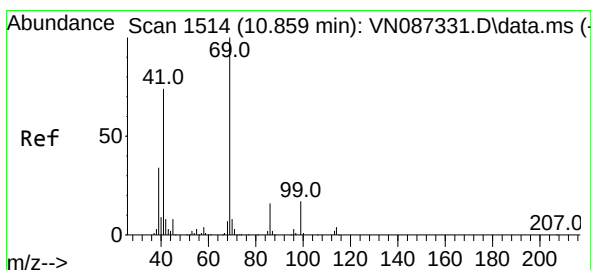
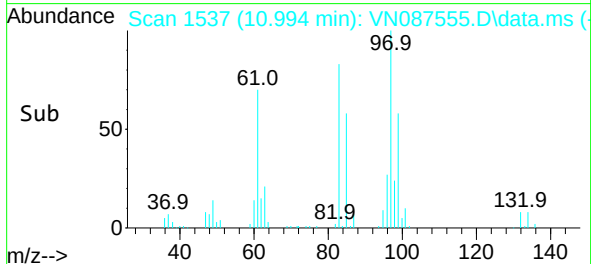
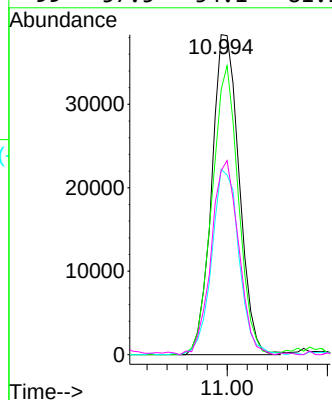
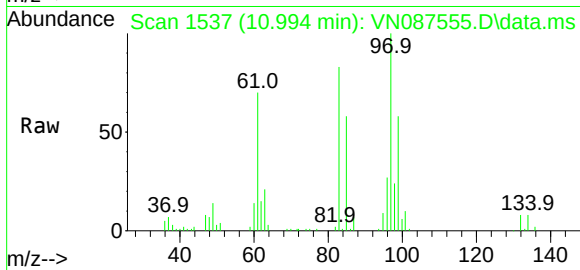
Ion Ratio Lower Upper

97 100

83 82.8 72.6 109.0

85 57.9 46.7 70.1

99 57.5 54.1 81.1



#56

Ethyl methacrylate

Concen: 21.091 ug/l

RT: 10.859 min Scan# 1514

Delta R.T. -0.000 min

Lab File: VN087555.D

Acq: 14 Aug 2025 11:07

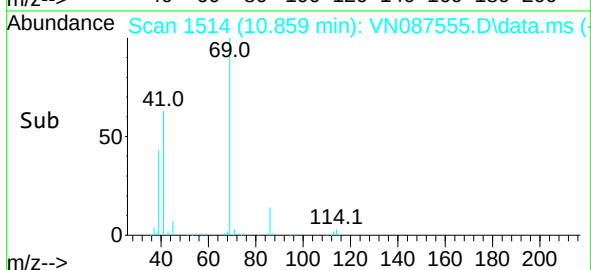
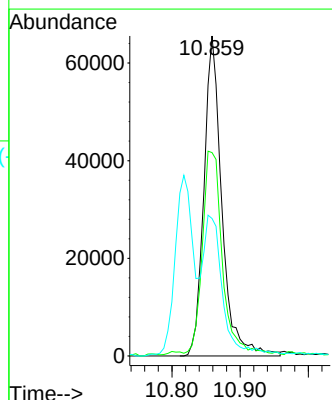
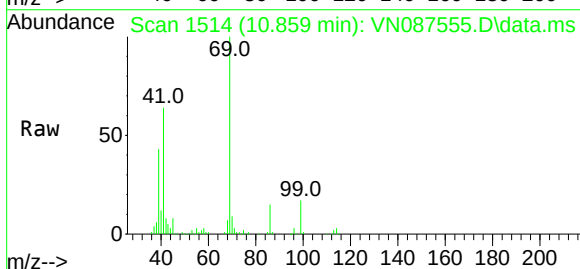
Tgt Ion: 69 Resp: 120174

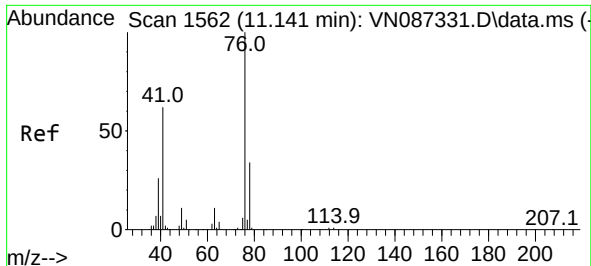
Ion Ratio Lower Upper

69 100

41 70.4 55.1 82.7

39 44.5 27.9 41.9#





#57

1,3-Dichloropropane

Concen: 21.100 ug/l

RT: 11.141 min Scan# 1562

Delta R.T. 0.000 min

Lab File: VN087555.D

Acq: 14 Aug 2025 11:07

Instrument :

MSVOA_N

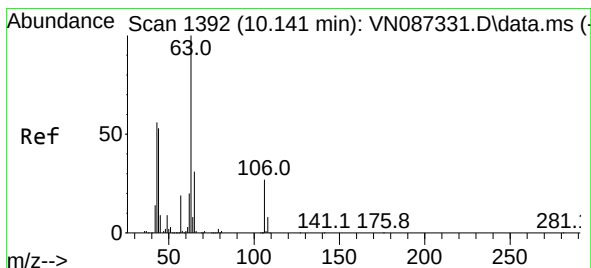
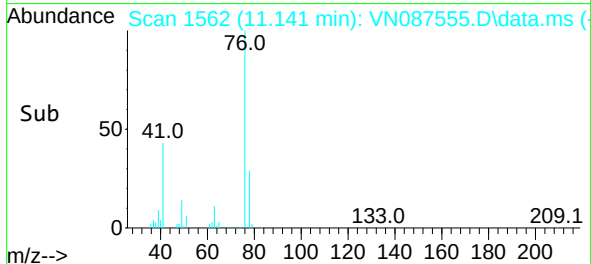
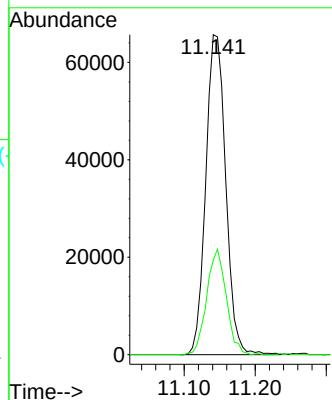
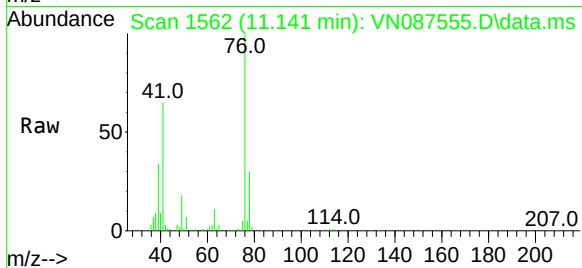
ClientSampleId :

Tgt Ion: 76 Resp: 128302

Ion Ratio Lower Upper

76 100

78 32.4 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 113.893 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VN087555.D

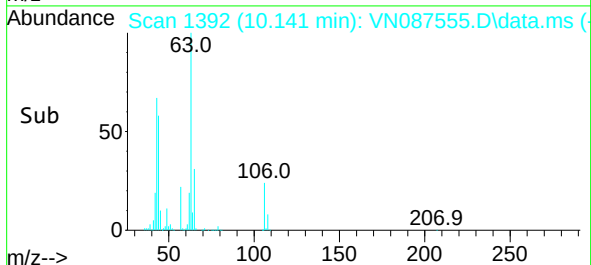
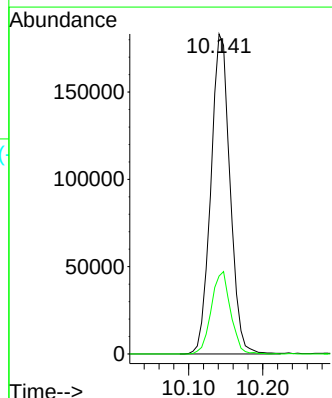
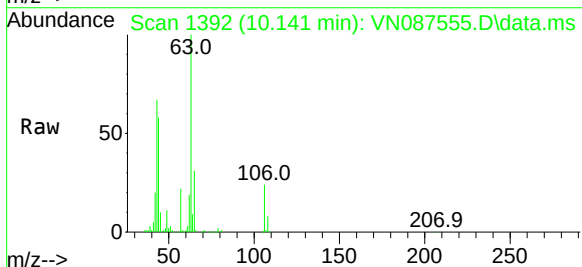
Acq: 14 Aug 2025 11:07

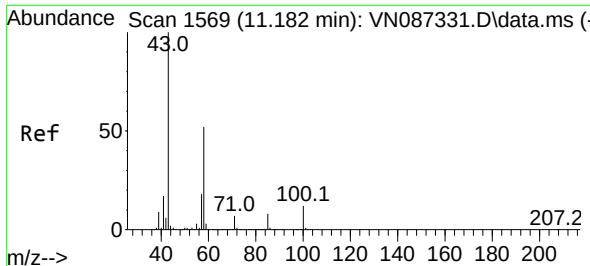
Tgt Ion: 63 Resp: 328582

Ion Ratio Lower Upper

63 100

106 25.9 21.7 32.5

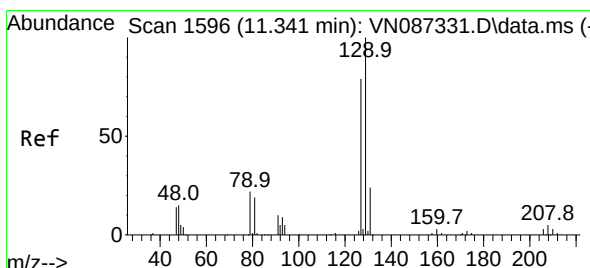
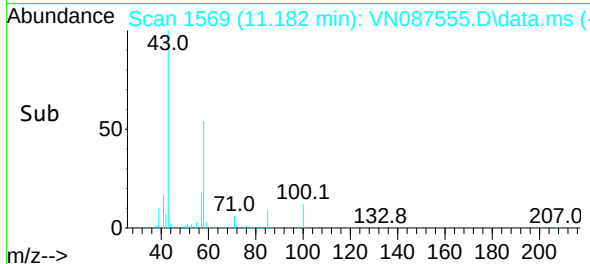
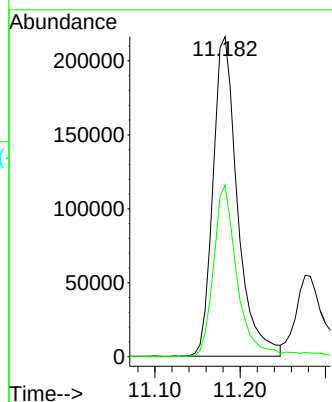
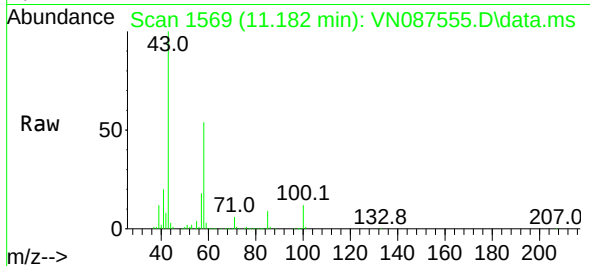




#59
2-Hexanone
Concen: 103.681 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN087555.D
Acq: 14 Aug 2025 11:07

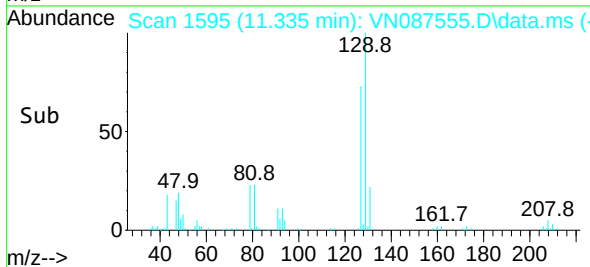
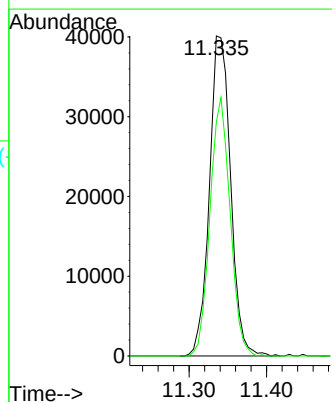
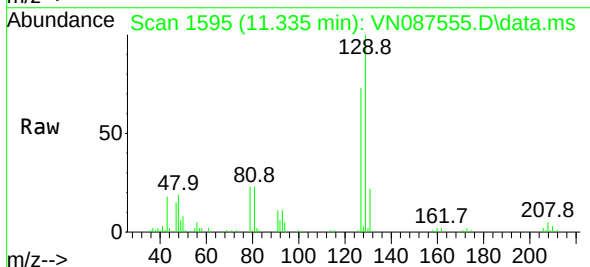
Instrument :
MSVOA_N
ClientSampleId :

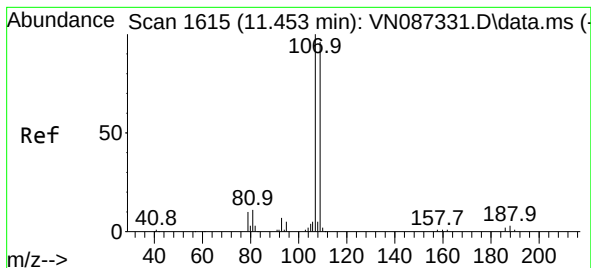
Tgt Ion: 43 Resp: 431325
Ion Ratio Lower Upper
43 100
58 51.5 26.7 80.0



#60
Dibromochloromethane
Concen: 19.012 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.006 min
Lab File: VN087555.D
Acq: 14 Aug 2025 11:07

Tgt Ion:129 Resp: 76256
Ion Ratio Lower Upper
129 100
127 76.6 39.1 117.5





#61

1,2-Dibromoethane

Concen: 20.492 ug/l

RT: 11.447 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN087555.D

Acq: 14 Aug 2025 11:07

Instrument :

MSVOA_N

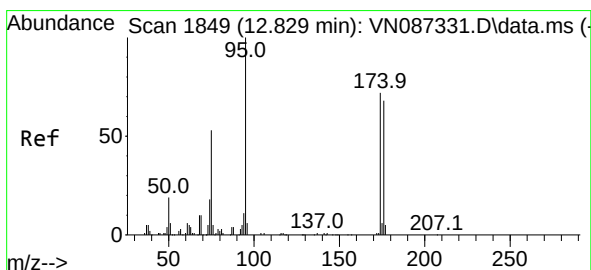
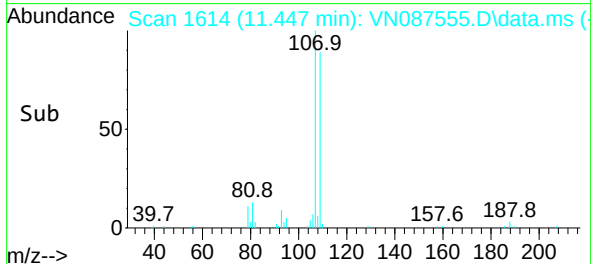
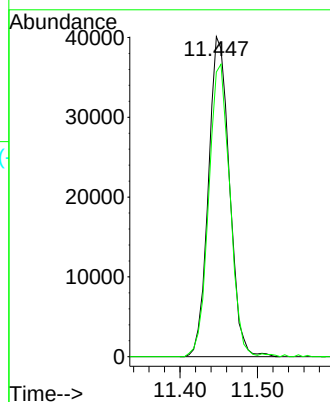
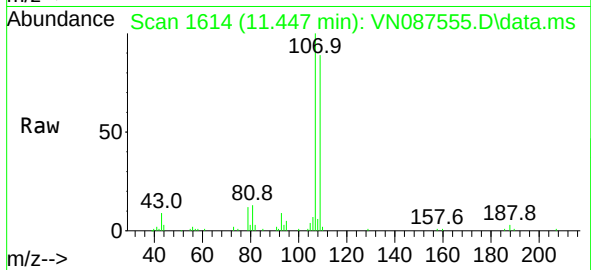
ClientSampleId :

Tgt Ion:107 Resp: 75775

Ion Ratio Lower Upper

107 100

109 91.5 77.5 116.3



#62

4-Bromofluorobenzene

Concen: 52.926 ug/l

RT: 12.829 min Scan# 1849

Delta R.T. -0.000 min

Lab File: VN087555.D

Acq: 14 Aug 2025 11:07

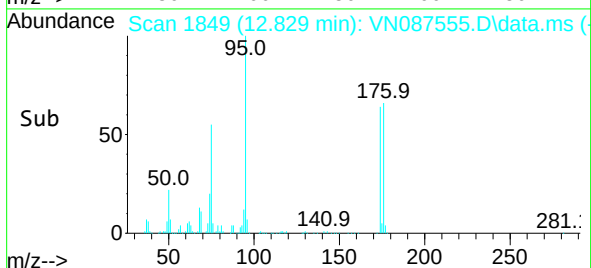
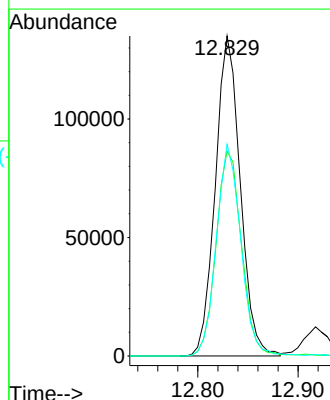
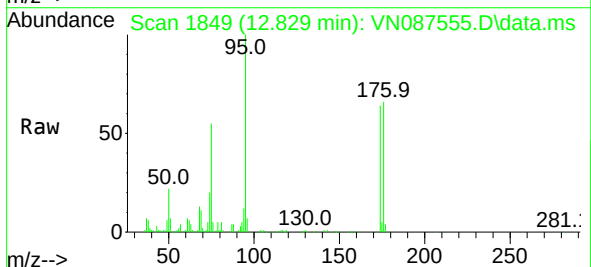
Tgt Ion: 95 Resp: 233458

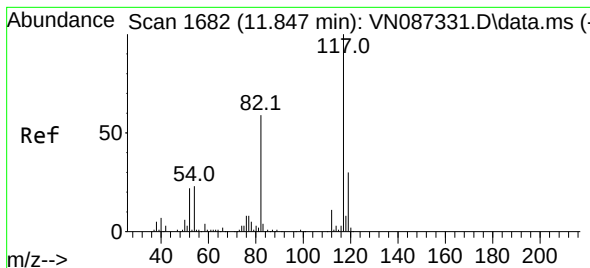
Ion Ratio Lower Upper

95 100

174 65.4 0.0 149.4

176 64.8 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: VN087555.D

Acq: 14 Aug 2025 11:07

Instrument :

MSVOA_N

ClientSampleId :

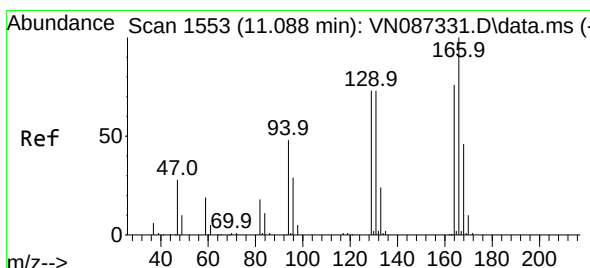
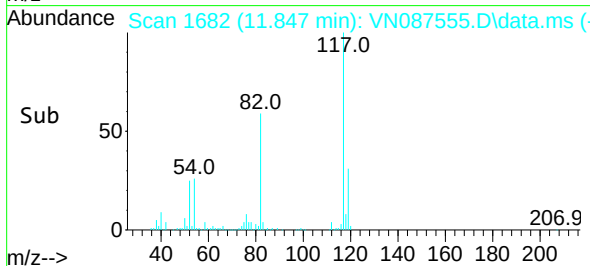
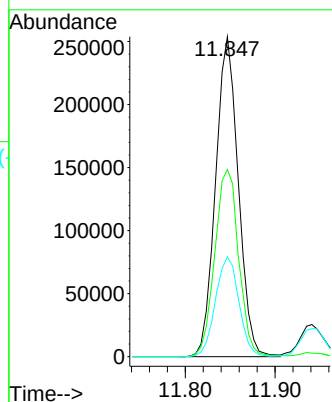
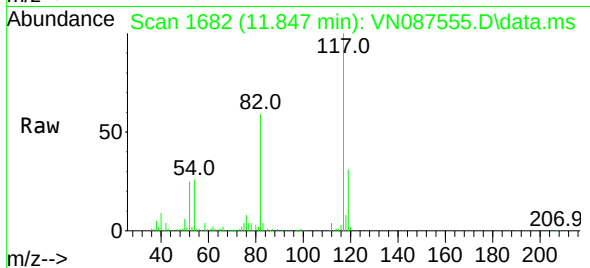
Tgt Ion:117 Resp: 446518

Ion Ratio Lower Upper

117 100

82 58.5 47.4 71.2

119 31.2 23.8 35.8



#64

Tetrachloroethene

Concen: 18.090 ug/l

RT: 11.088 min Scan# 1553

Delta R.T. 0.000 min

Lab File: VN087555.D

Acq: 14 Aug 2025 11:07

Tgt Ion:164 Resp: 51988

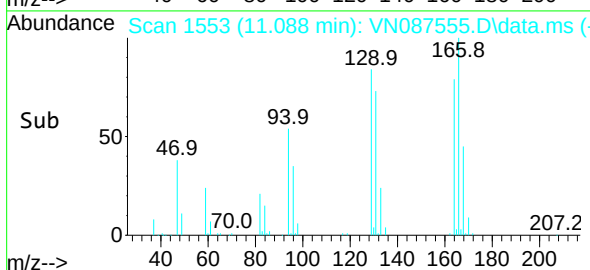
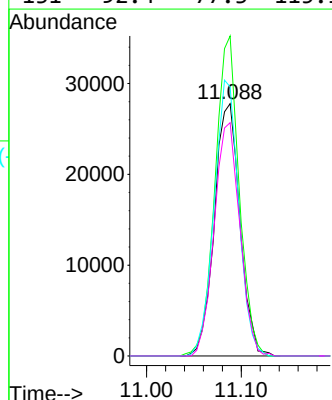
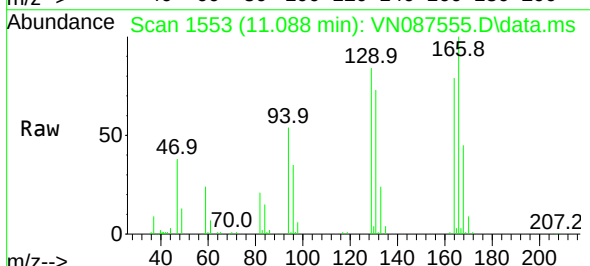
Ion Ratio Lower Upper

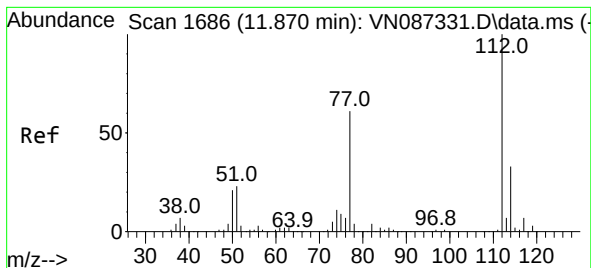
164 100

166 126.8 105.5 158.3

129 106.6 77.4 116.2

131 92.4 77.3 115.9





#65

Chlorobenzene

Concen: 19.244 ug/l

RT: 11.870 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VN087555.D

Acq: 14 Aug 2025 11:07

Instrument :

MSVOA_N

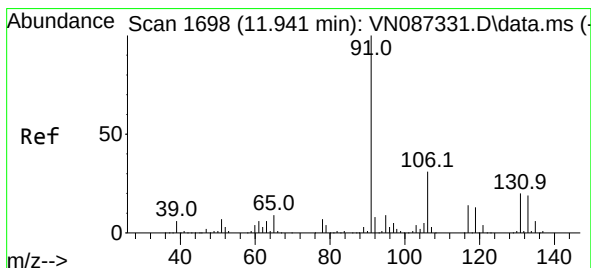
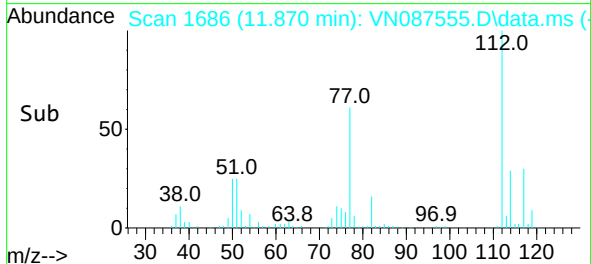
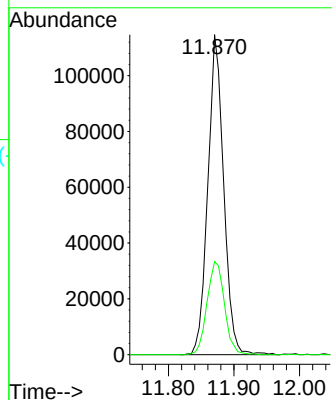
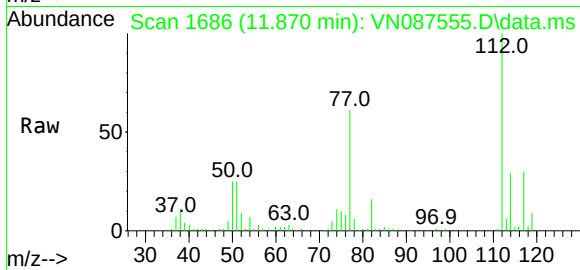
ClientSampleId :

Tgt Ion:112 Resp: 192917

Ion Ratio Lower Upper

112 100

114 29.1 26.5 39.7



#66

1,1,1,2-Tetrachloroethane

Concen: 19.247 ug/l

RT: 11.941 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VN087555.D

Acq: 14 Aug 2025 11:07

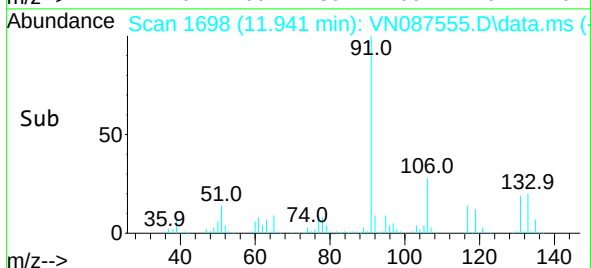
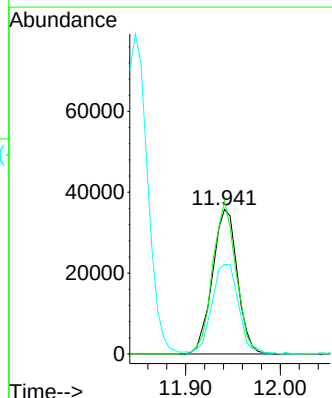
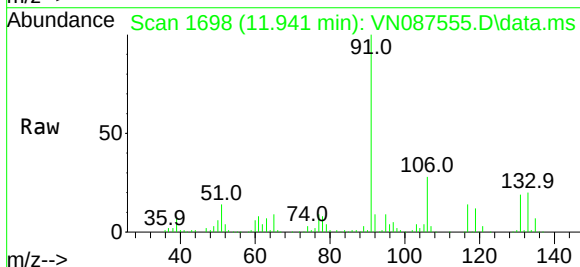
Tgt Ion:131 Resp: 65609

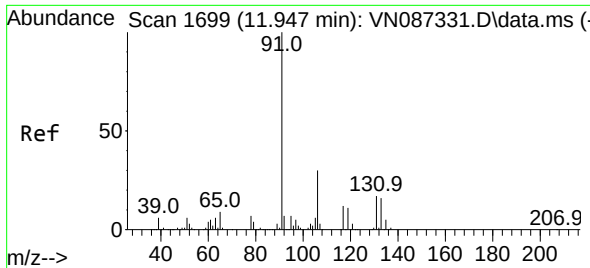
Ion Ratio Lower Upper

131 100

133 98.9 47.4 142.3

119 65.8 33.1 99.2

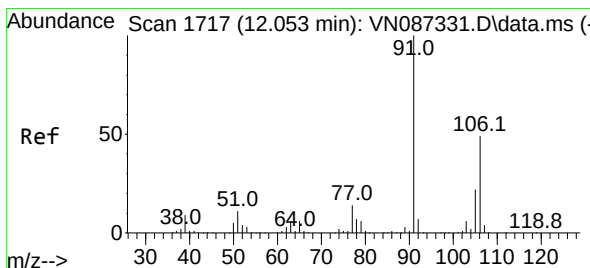
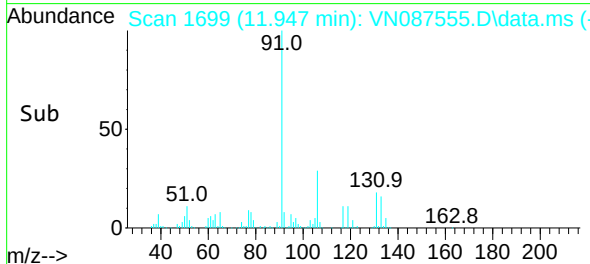
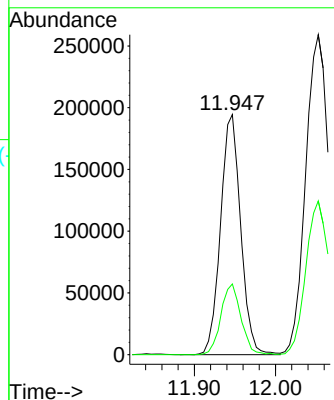
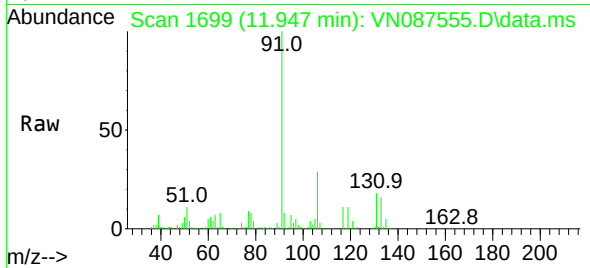




#67
Ethyl Benzene
Concen: 20.367 ug/l
RT: 11.947 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VN087555.D
Acq: 14 Aug 2025 11:07

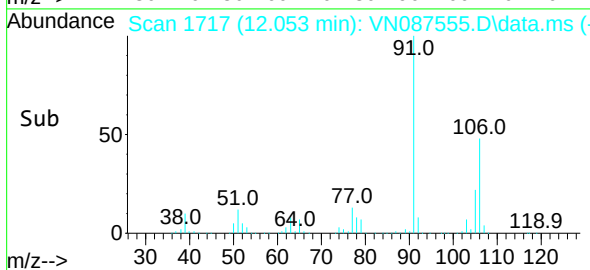
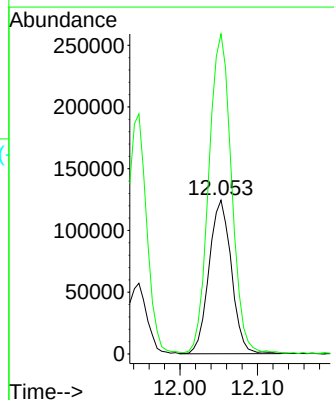
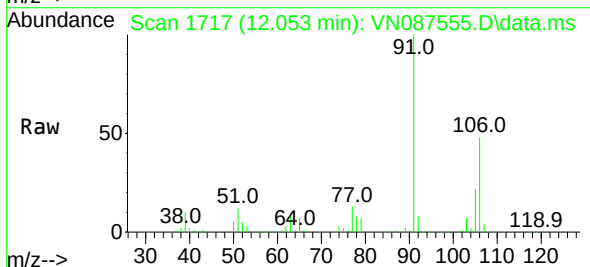
Instrument :
MSVOA_N
ClientSampleId :

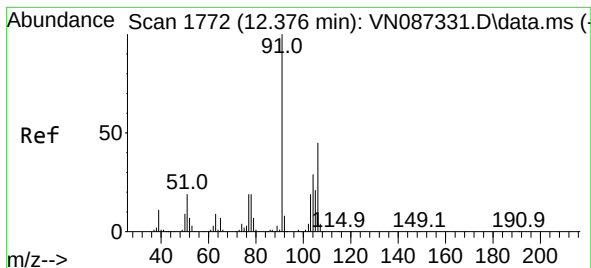
Tgt Ion: 91 Resp: 336124
Ion Ratio Lower Upper
91 100
106 29.4 24.3 36.5



#68
m/p-Xylenes
Concen: 40.389 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VN087555.D
Acq: 14 Aug 2025 11:07

Tgt Ion: 106 Resp: 249595
Ion Ratio Lower Upper
106 100
91 211.9 162.0 243.0

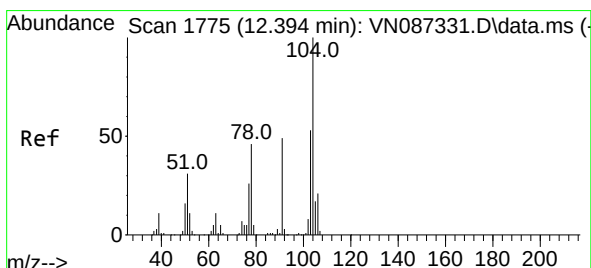
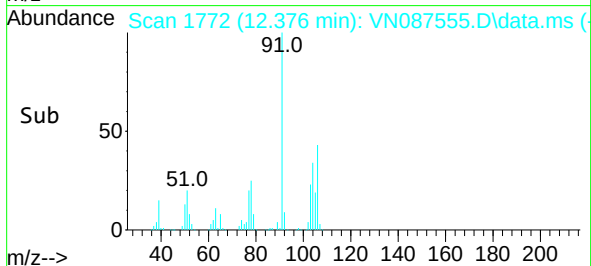
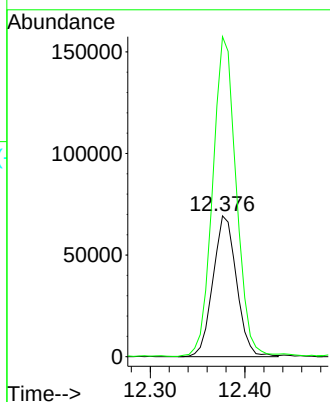
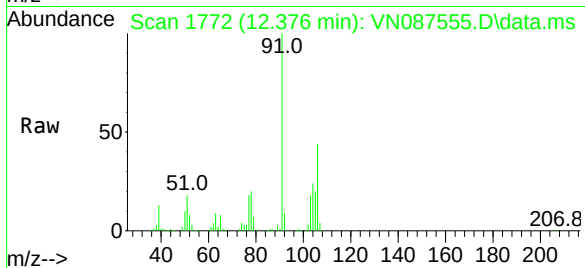




#69
o-Xylene
Concen: 20.320 ug/l
RT: 12.376 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087555.D
Acq: 14 Aug 2025 11:07

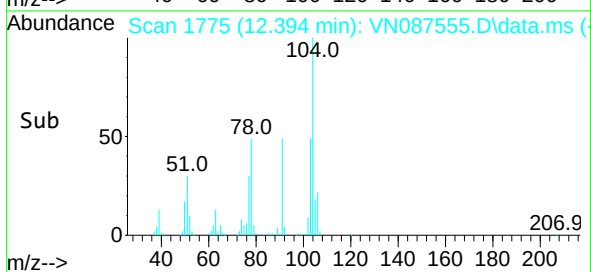
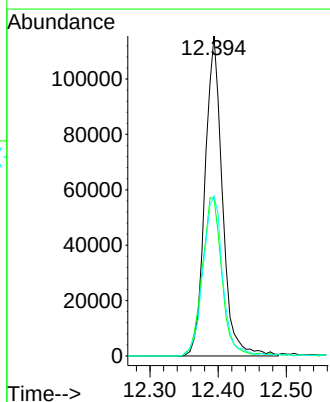
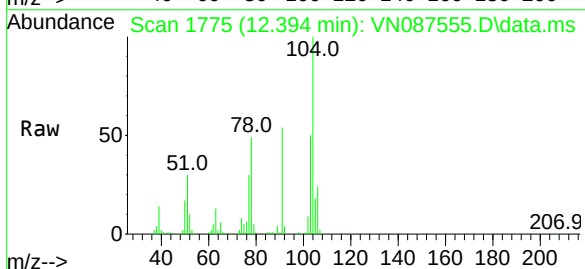
Instrument :
MSVOA_N
ClientSampleId :

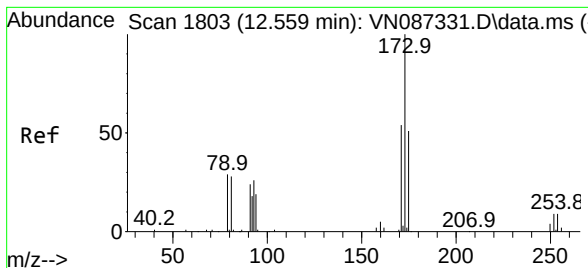
Tgt Ion:106 Resp: 119950
Ion Ratio Lower Upper
106 100
91 227.3 107.7 323.3



#70
Styrene
Concen: 20.649 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN087555.D
Acq: 14 Aug 2025 11:07

Tgt Ion:104 Resp: 205053
Ion Ratio Lower Upper
104 100
78 55.7 41.0 61.6
103 56.6 43.9 65.9





#71

Bromoform

Concen: 17.538 ug/l

RT: 12.559 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VN087555.D

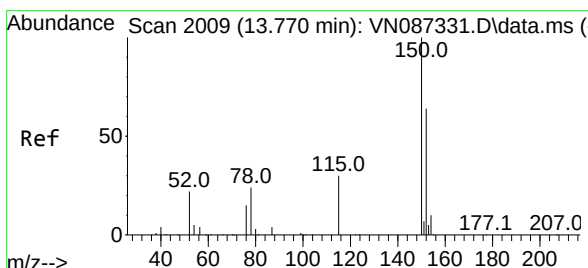
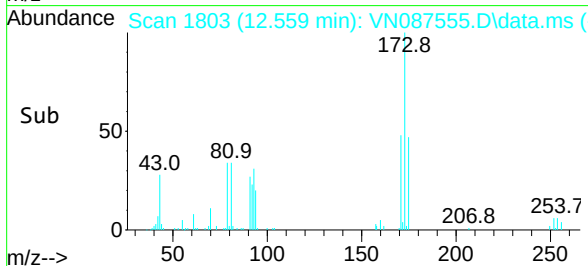
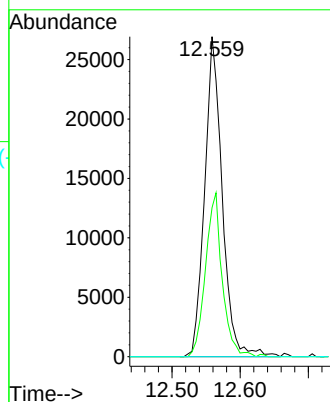
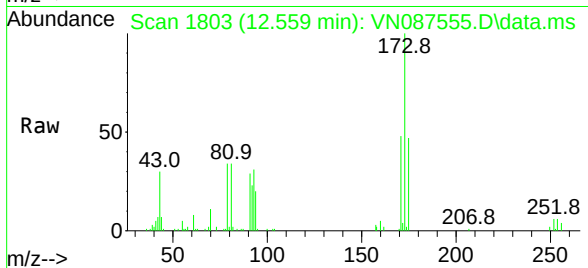
Acq: 14 Aug 2025 11:07

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:173	Resp:	48296
Ion Ratio	Lower	Upper
173	100	
175	48.7	24.1 72.3
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

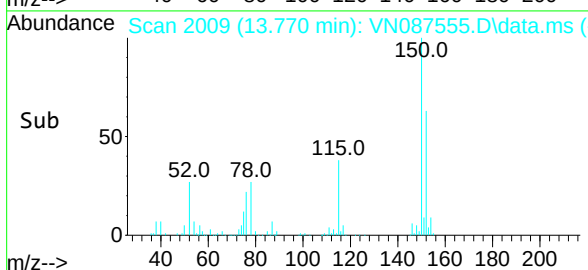
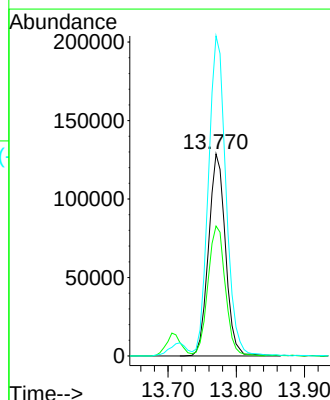
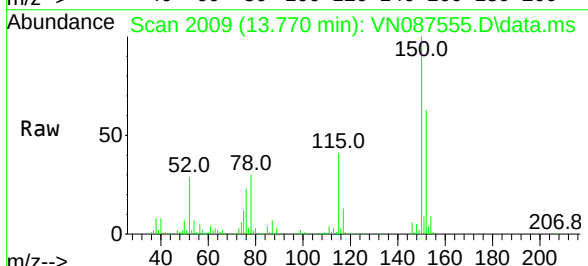
RT: 13.770 min Scan# 2009

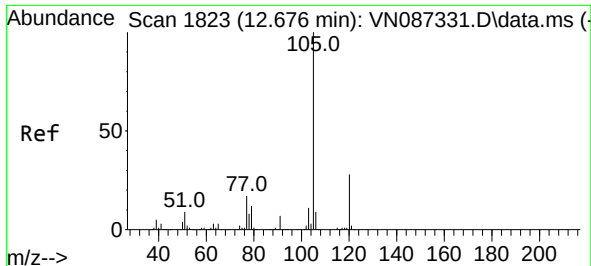
Delta R.T. -0.000 min

Lab File: VN087555.D

Acq: 14 Aug 2025 11:07

Tgt Ion:152	Resp:	221983
Ion Ratio	Lower	Upper
152	100	
115	65.8	31.1 93.5
150	165.1	0.0 349.0

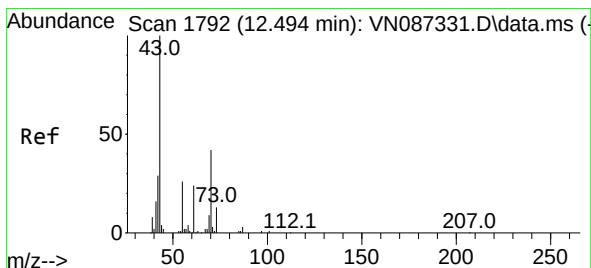
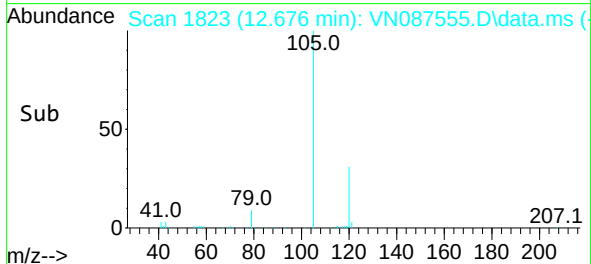
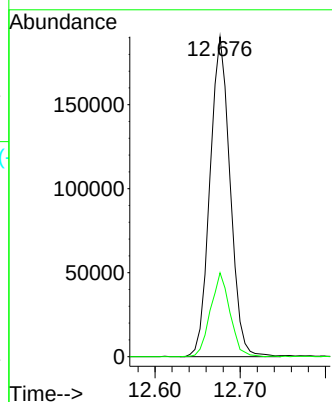
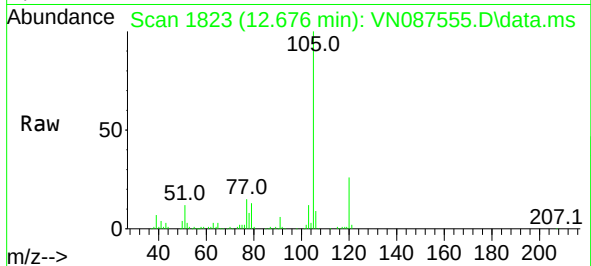




#73
Isopropylbenzene
Concen: 22.495 ug/l
RT: 12.676 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087555.D
Acq: 14 Aug 2025 11:07

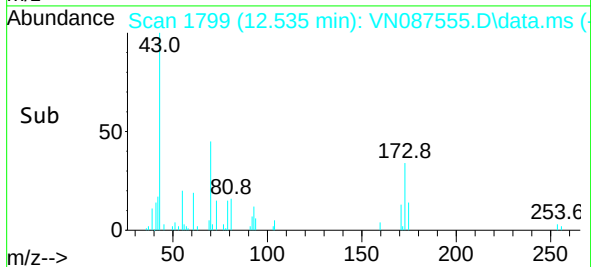
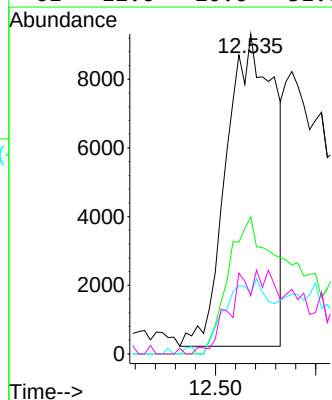
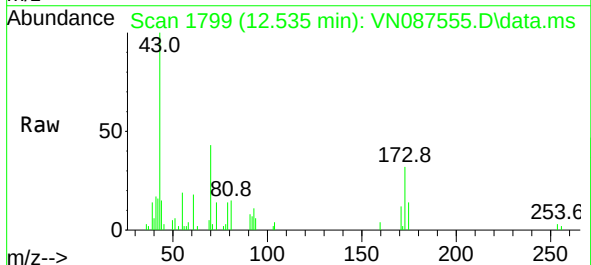
Instrument :
MSVOA_N
ClientSampleId :

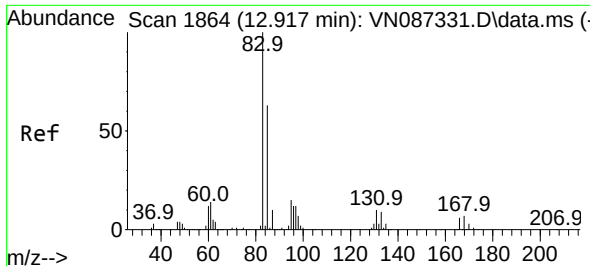
Tgt Ion:105 Resp: 314281
Ion Ratio Lower Upper
105 100
120 25.2 13.4 40.1



#74
N-ethyl acetate
Concen: 5.194 ug/l
RT: 12.535 min Scan# 1799
Delta R.T. 0.041 min
Lab File: VN087555.D
Acq: 14 Aug 2025 11:07

Tgt Ion: 43 Resp: 30147
Ion Ratio Lower Upper
43 100
70 59.2 37.6 56.4#
55 13.1 19.6 29.4#
61 12.6 20.6 31.0#

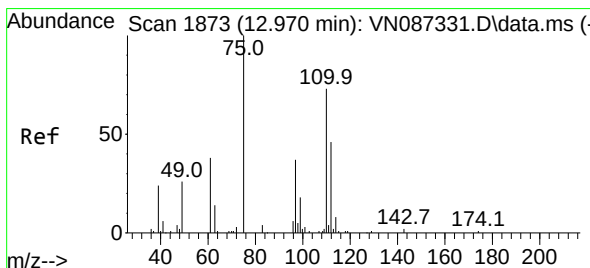
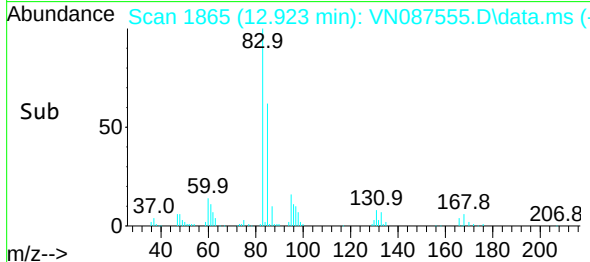
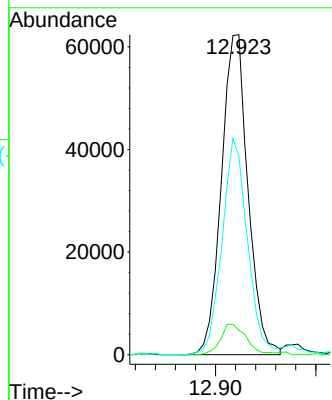
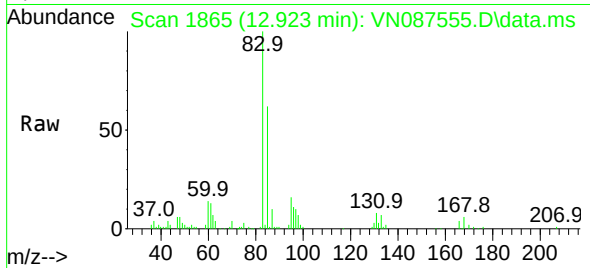




#75
1,1,2,2-Tetrachloroethane
Concen: 21.882 ug/l
RT: 12.923 min Scan# 1865
Delta R.T. 0.006 min
Lab File: VN087555.D
Acq: 14 Aug 2025 11:07

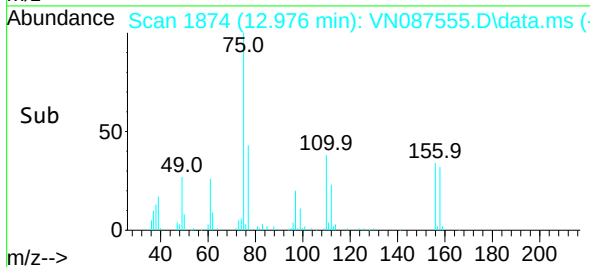
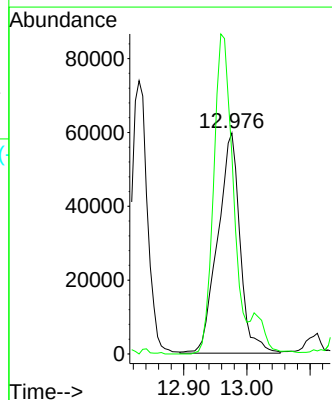
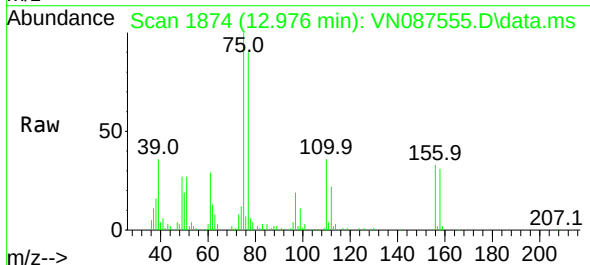
Instrument :
MSVOA_N
ClientSampleId :

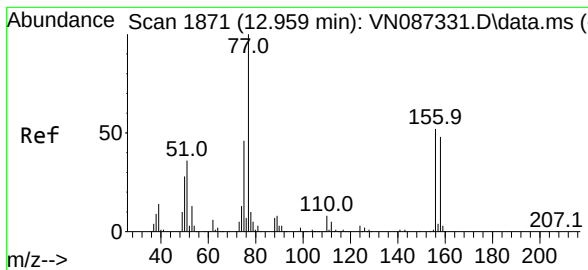
Tgt Ion: 83 Resp: 115038
Ion Ratio Lower Upper
83 100
131 9.5 5.1 15.3
85 64.1 32.5 97.4



#76
1,2,3-Trichloropropane
Concen: 29.407 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.006 min
Lab File: VN087555.D
Acq: 14 Aug 2025 11:07

Tgt Ion: 75 Resp: 146383
Ion Ratio Lower Upper
75 100
77 125.2 94.5 283.6

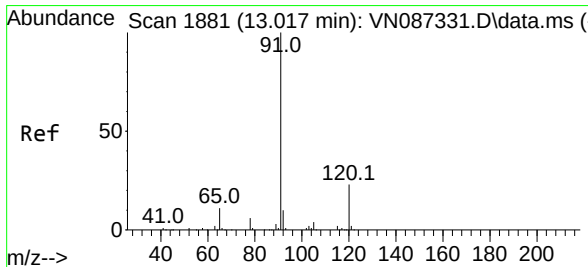
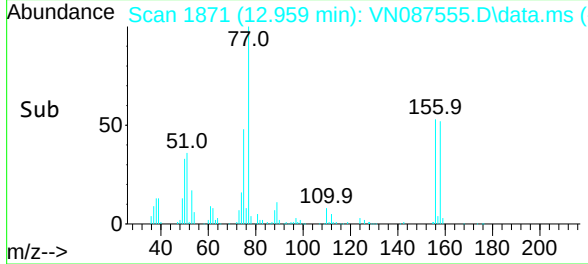
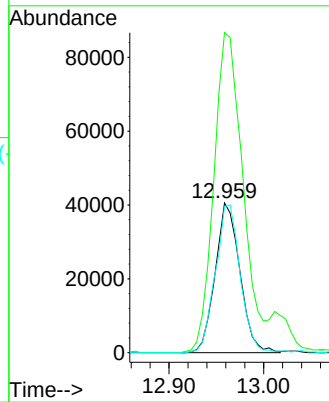
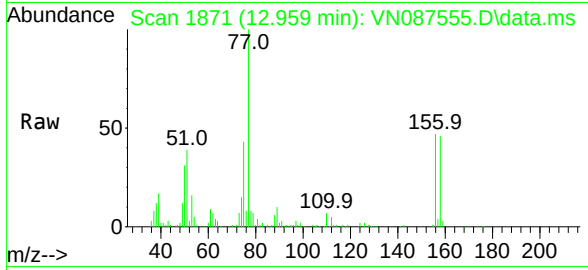




#77
Bromobenzene
Concen: 20.297 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN087555.D
Acq: 14 Aug 2025 11:07

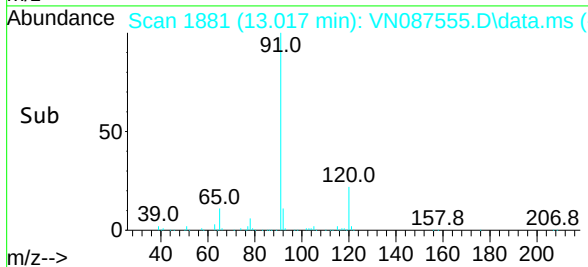
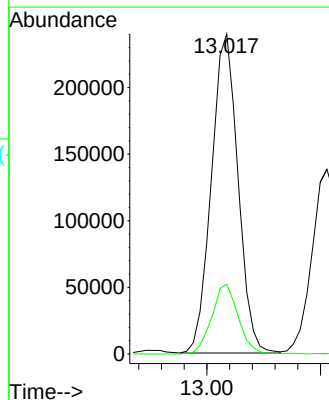
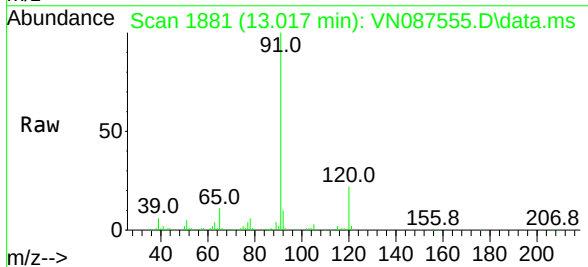
Instrument :
MSVOA_N
ClientSampleId :

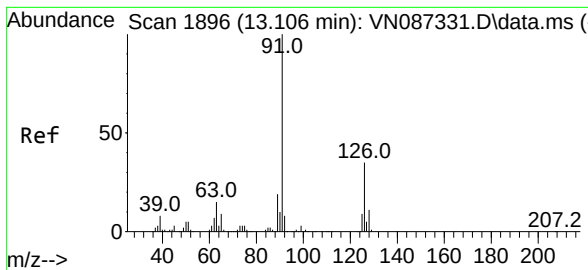
Tgt Ion:156 Resp: 73544
Ion Ratio Lower Upper
156 100
77 249.2 114.9 344.6
158 99.8 48.5 145.5



#78
n-propylbenzene
Concen: 22.160 ug/l
RT: 13.017 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN087555.D
Acq: 14 Aug 2025 11:07

Tgt Ion: 91 Resp: 389520
Ion Ratio Lower Upper
91 100
120 21.8 11.3 33.8

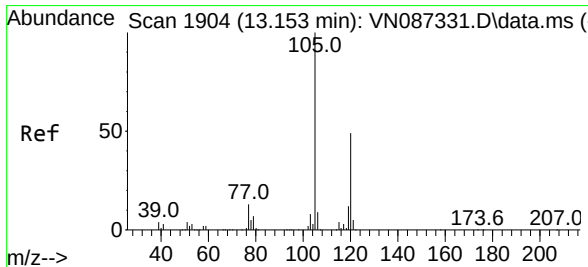
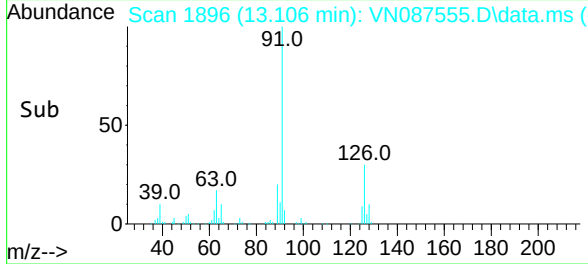
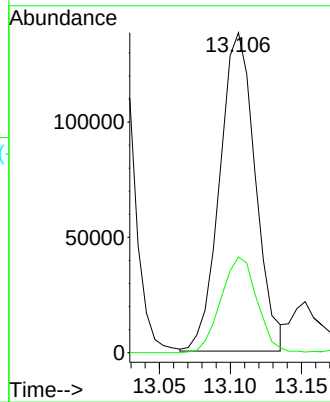
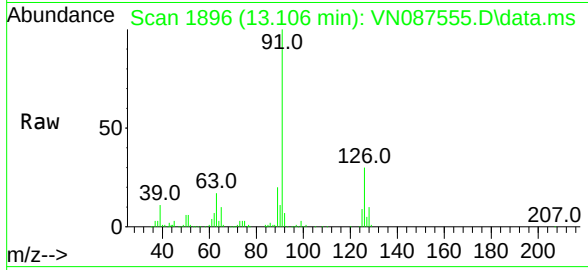




#79
2-Chlorotoluene
Concen: 22.353 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN087555.D
Acq: 14 Aug 2025 11:07

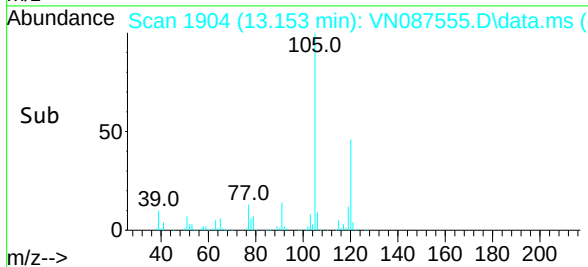
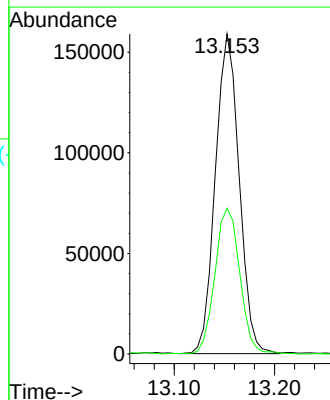
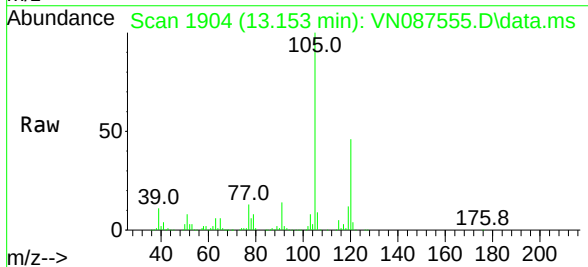
Instrument :
MSVOA_N
ClientSampleId :

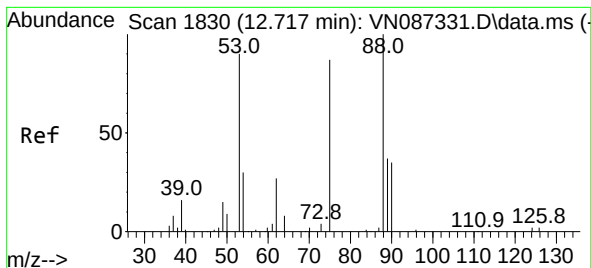
Tgt Ion: 91 Resp: 241476
Ion Ratio Lower Upper
91 100
126 30.3 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 22.029 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087555.D
Acq: 14 Aug 2025 11:07

Tgt Ion: 105 Resp: 262222
Ion Ratio Lower Upper
105 100
120 47.6 24.3 72.8

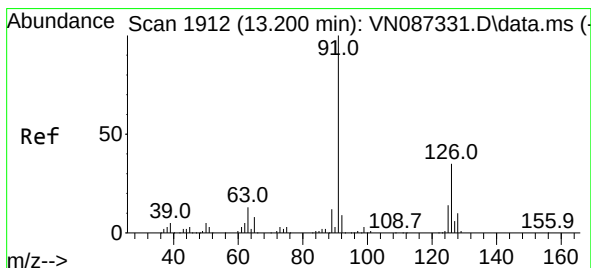
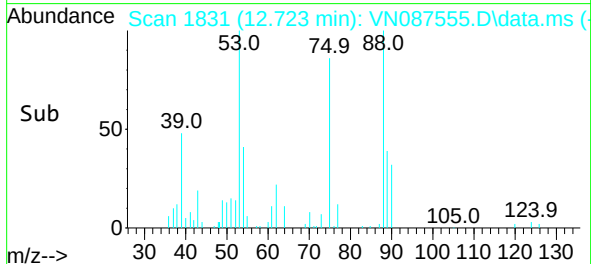
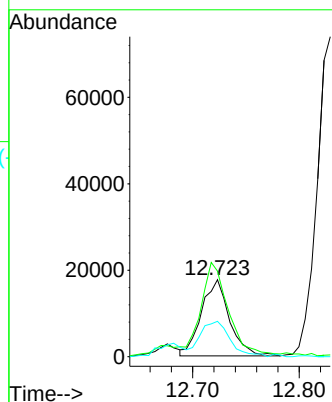
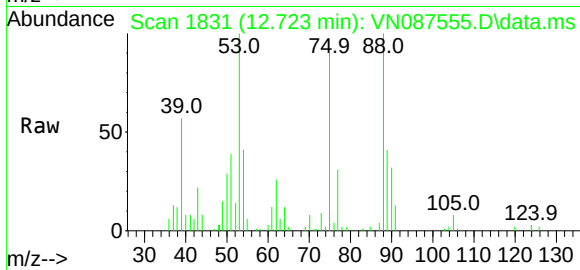




#81
trans-1,4-Dichloro-2-butene
Concen: 17.698 ug/l
RT: 12.723 min Scan# 1831
Delta R.T. 0.006 min
Lab File: VN087555.D
Acq: 14 Aug 2025 11:07

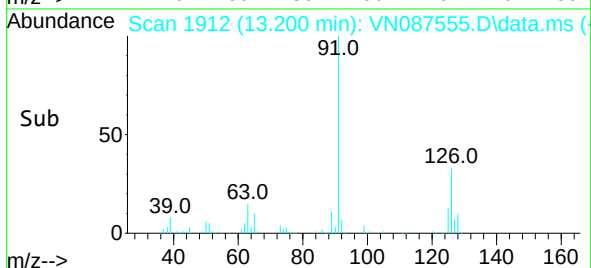
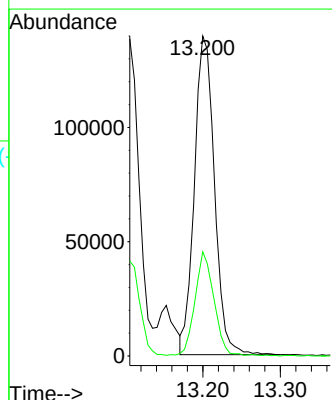
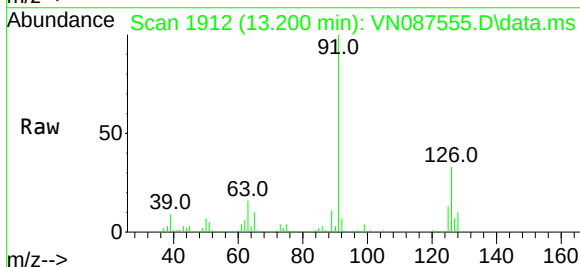
Instrument :
MSVOA_N
ClientSampleId :

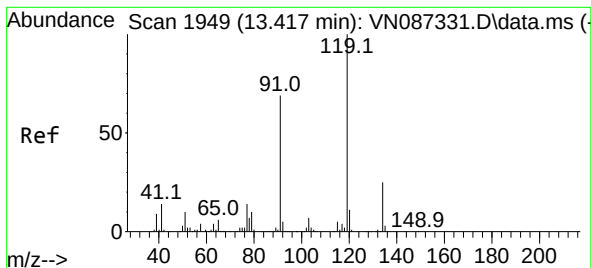
Tgt Ion: 75 Resp: 32197
Ion Ratio Lower Upper
75 100
53 117.4 83.5 125.3
89 49.5 38.4 57.6



#82
4-Chlorotoluene
Concen: 22.292 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087555.D
Acq: 14 Aug 2025 11:07

Tgt Ion: 91 Resp: 250722
Ion Ratio Lower Upper
91 100
126 30.5 16.6 49.7

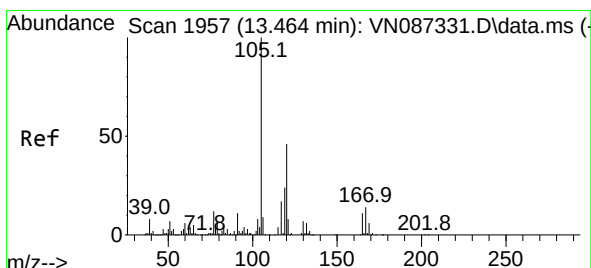
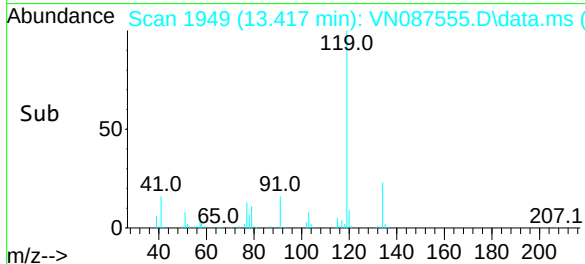
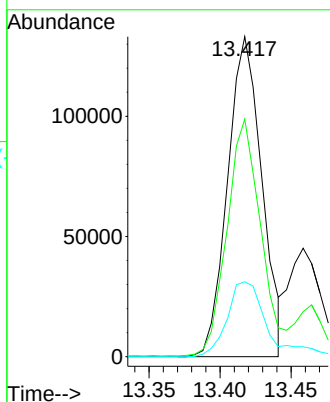
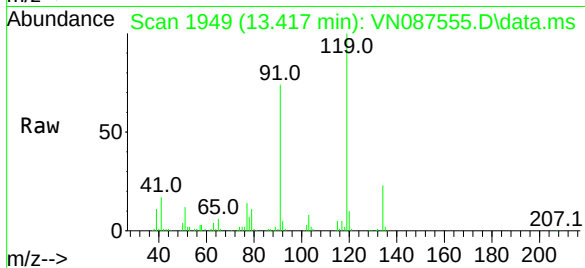




#83
 tert-Butylbenzene
 Concen: 22.422 ug/l
 RT: 13.417 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VN087555.D
 Acq: 14 Aug 2025 11:07

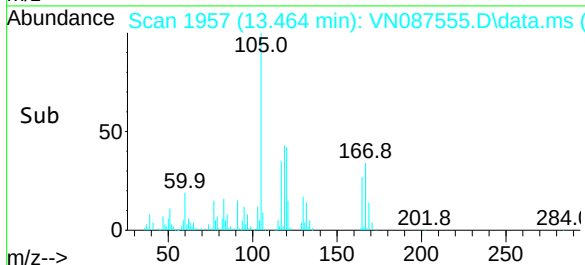
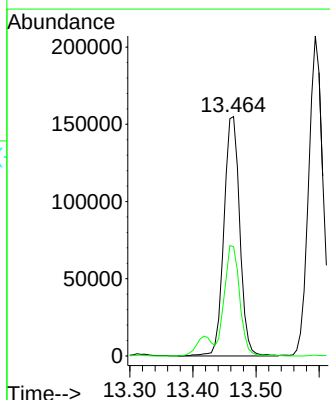
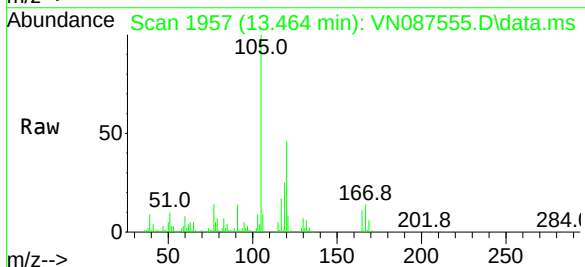
Instrument :
 MSVOA_N
 ClientSampleId :

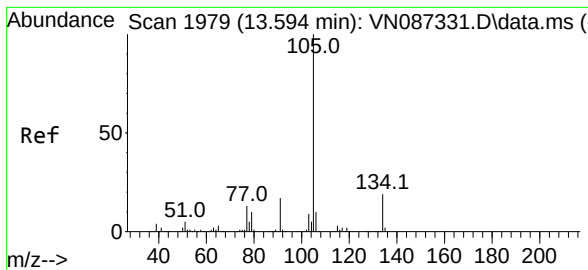
Tgt Ion:119 Resp: 222918
 Ion Ratio Lower Upper
 119 100
 91 73.3 35.0 105.1
 134 27.2 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 22.169 ug/l
 RT: 13.464 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN087555.D
 Acq: 14 Aug 2025 11:07

Tgt Ion:105 Resp: 269488
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.8 68.3

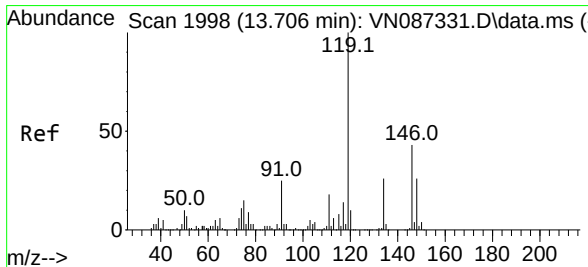
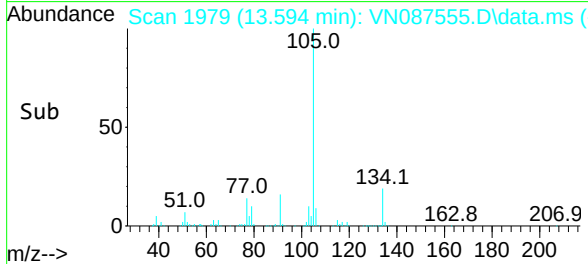
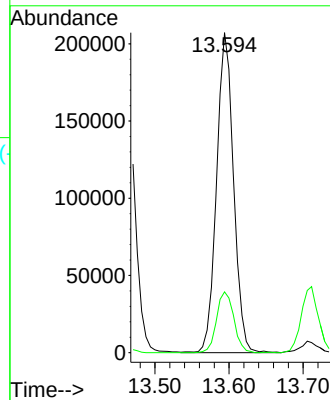
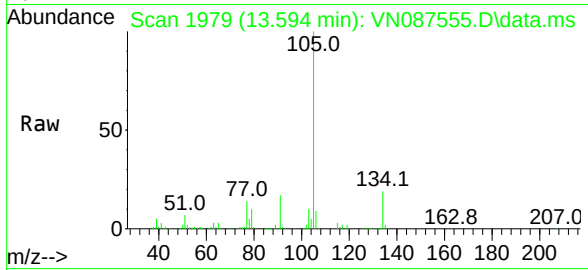




#85
 sec-Butylbenzene
 Concen: 21.998 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087555.D
 Acq: 14 Aug 2025 11:07

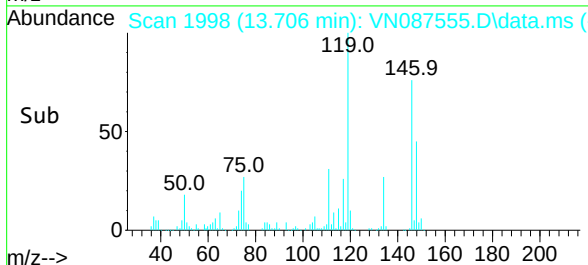
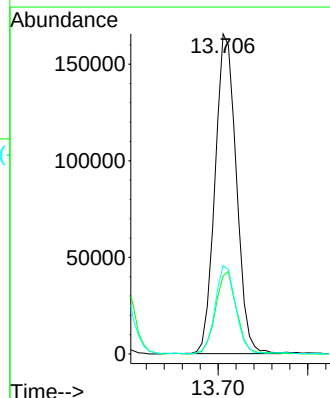
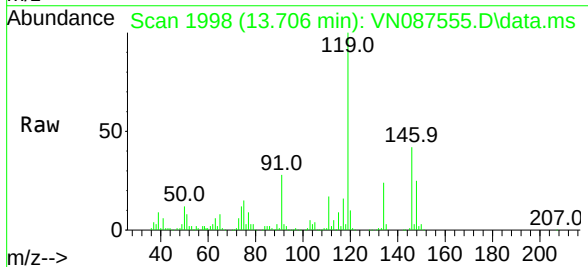
Instrument :
 MSVOA_N
 ClientSampleId :

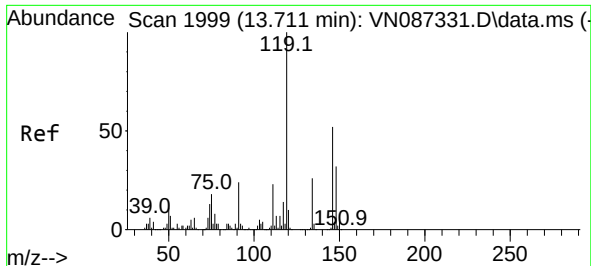
Tgt Ion:105 Resp: 329434
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 22.671 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087555.D
 Acq: 14 Aug 2025 11:07

Tgt Ion:119 Resp: 272080
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.5 40.5
 91 26.4 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 20.458 ug/l

RT: 13.711 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN087555.D

Acq: 14 Aug 2025 11:07

Instrument :

MSVOA_N

ClientSampleId :

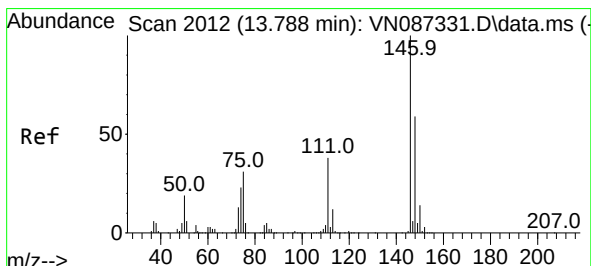
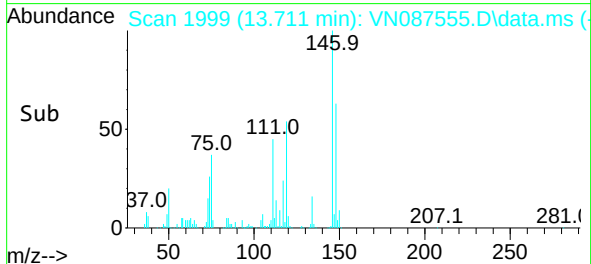
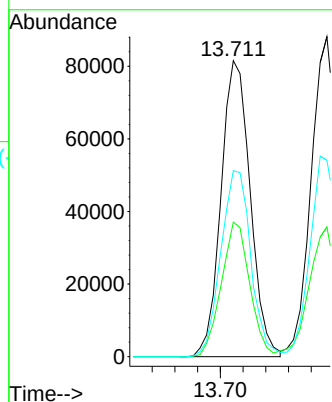
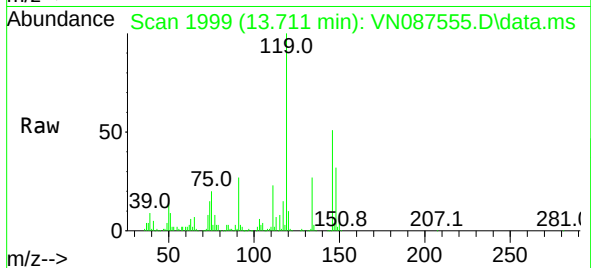
Tgt Ion:146 Resp: 145480

Ion Ratio Lower Upper

146 100

111 44.2 21.4 64.3

148 64.7 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 19.766 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.006 min

Lab File: VN087555.D

Acq: 14 Aug 2025 11:07

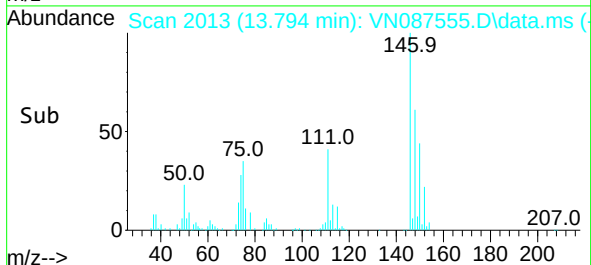
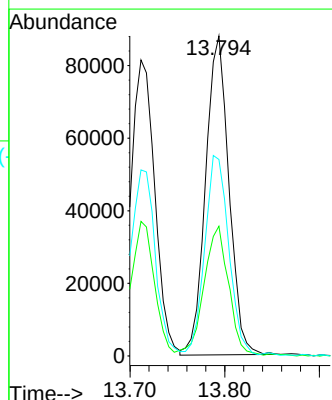
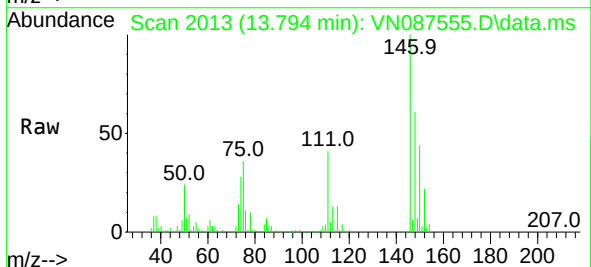
Tgt Ion:146 Resp: 150121

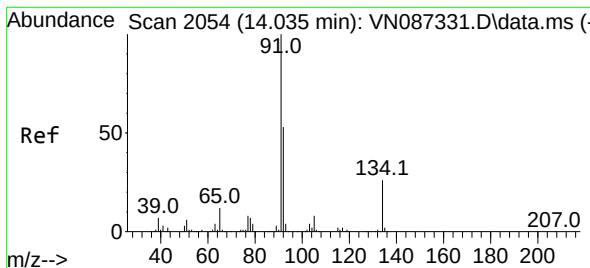
Ion Ratio Lower Upper

146 100

111 42.6 19.6 58.7

148 64.2 31.4 94.0





#89

n-Butylbenzene

Concen: 23.593 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.000 min

Lab File: VN087555.D

Acq: 14 Aug 2025 11:07

Instrument :

MSVOA_N

ClientSampleId :

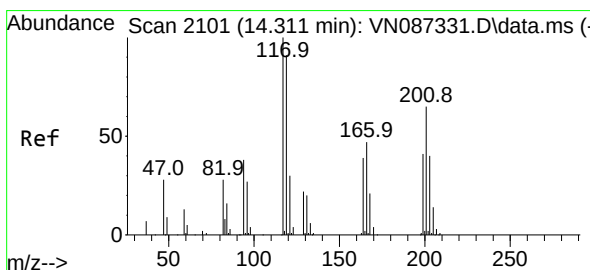
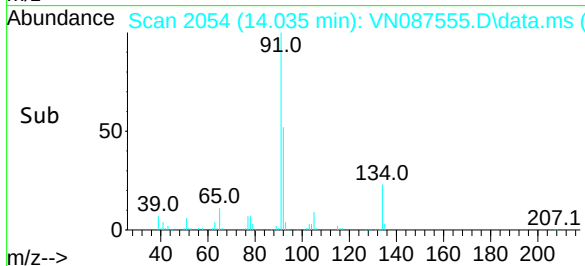
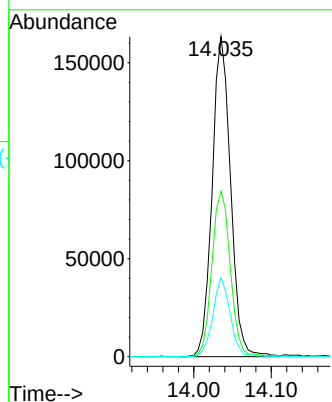
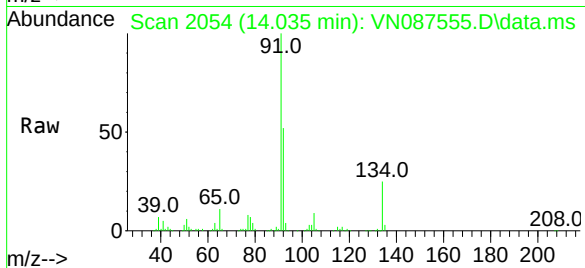
Tgt Ion: 91 Resp: 270370

Ion Ratio Lower Upper

91 100

92 51.6 26.2 78.6

134 23.3 12.4 37.2



#90

Hexachloroethane

Concen: 19.285 ug/l

RT: 14.311 min Scan# 2101

Delta R.T. 0.000 min

Lab File: VN087555.D

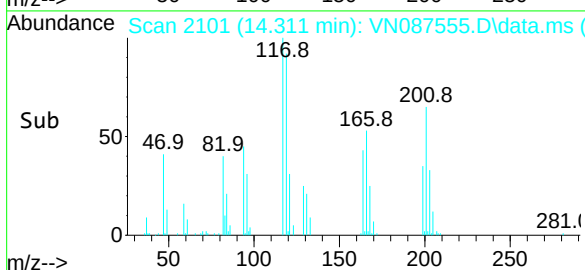
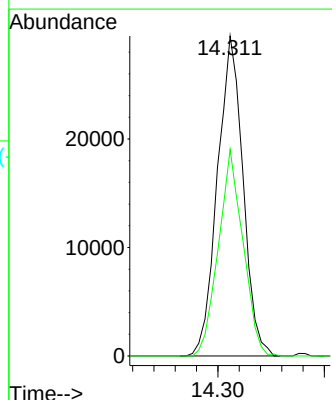
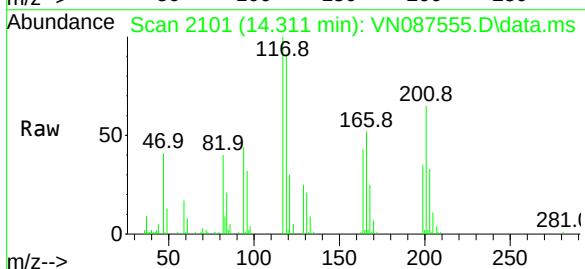
Acq: 14 Aug 2025 11:07

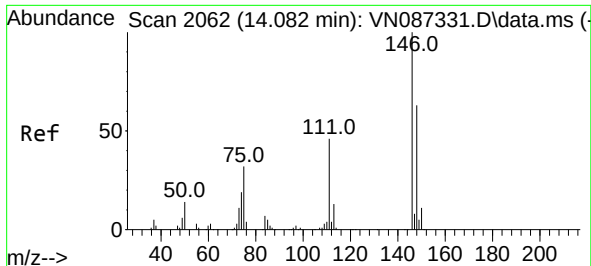
Tgt Ion: 117 Resp: 49037

Ion Ratio Lower Upper

117 100

201 62.3 32.8 98.4





#91

1,2-Dichlorobenzene

Concen: 20.620 ug/l

RT: 14.088 min Scan# 2062

Delta R.T. 0.006 min

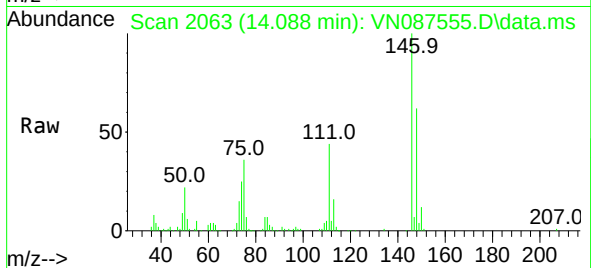
Lab File: VN087555.D

Acq: 14 Aug 2025 11:07

Instrument :

MSVOA_N

ClientSampleId :



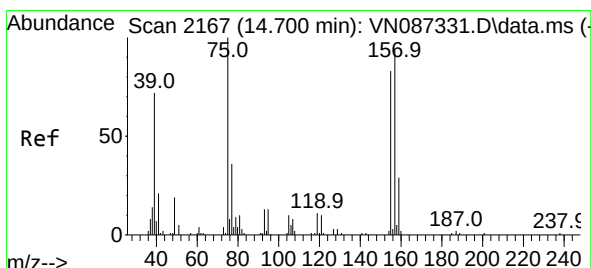
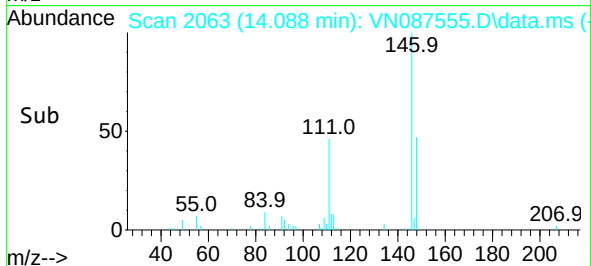
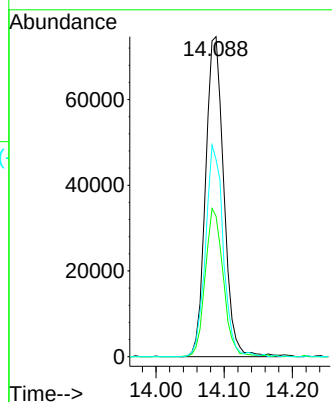
Tgt Ion:146 Resp: 138916

Ion Ratio Lower Upper

146 100

111 46.0 22.0 66.0

148 64.4 32.7 98.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.792 ug/l

RT: 14.700 min Scan# 2167

Delta R.T. -0.000 min

Lab File: VN087555.D

Acq: 14 Aug 2025 11:07

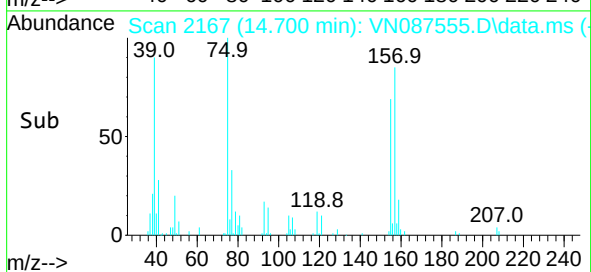
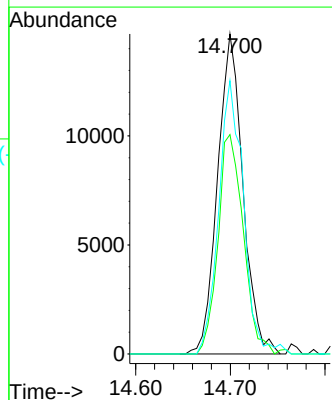
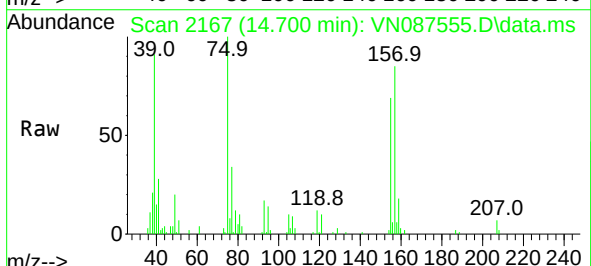
Tgt Ion: 75 Resp: 27318

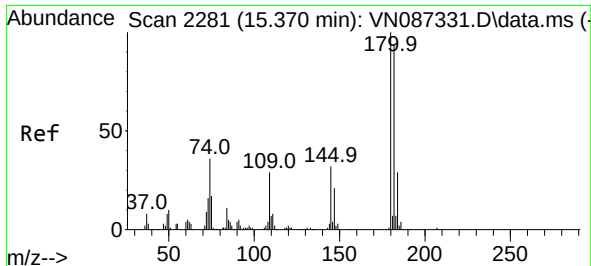
Ion Ratio Lower Upper

75 100

155 69.0 37.3 111.8

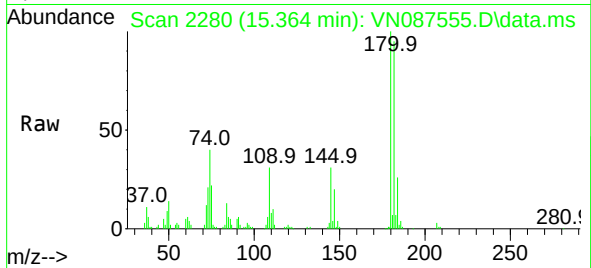
157 83.3 46.2 138.6



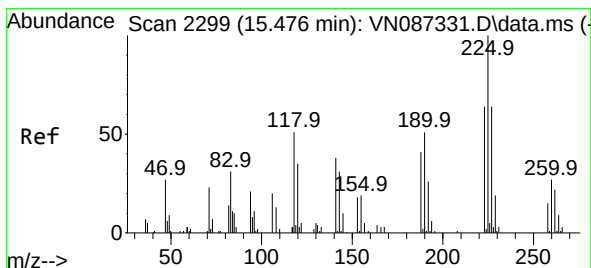
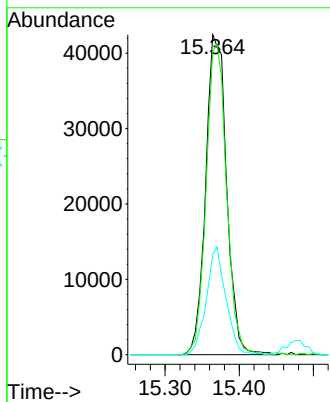
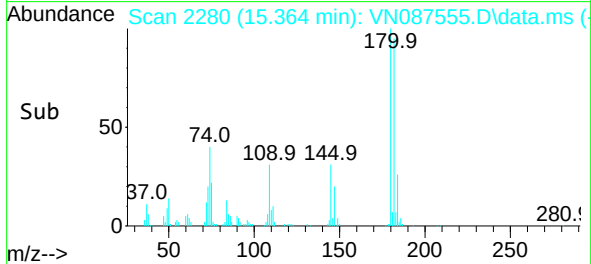


#93
1,2,4-Trichlorobenzene
Concen: 21.036 ug/l
RT: 15.364 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN087555.D
Acq: 14 Aug 2025 11:07

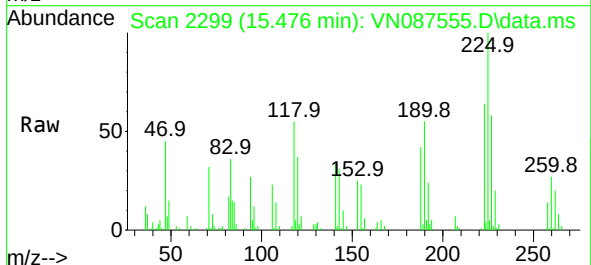
Instrument :
MSVOA_N
ClientSampleId :



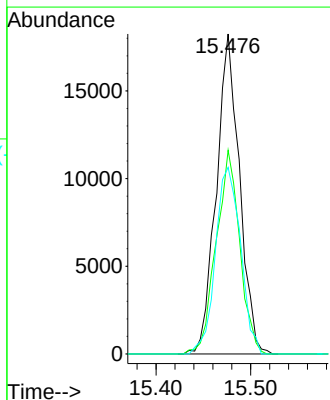
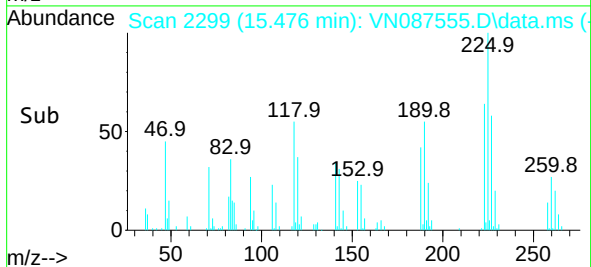
Tgt Ion:180 Resp: 83245
Ion Ratio Lower Upper
180 100
182 94.2 47.3 141.8
145 31.6 15.4 46.4

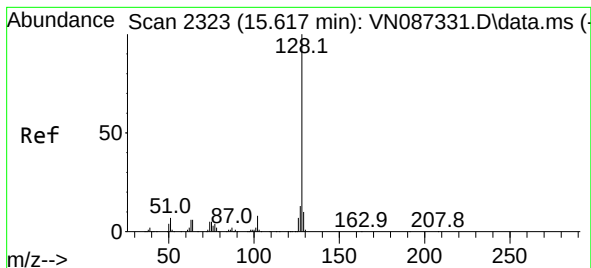


#94
Hexachlorobutadiene
Concen: 21.127 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VN087555.D
Acq: 14 Aug 2025 11:07



Tgt Ion:225 Resp: 31065
Ion Ratio Lower Upper
225 100
223 64.6 32.1 96.3
227 63.2 31.3 93.9





#95

Naphthalene

Concen: 21.296 ug/l

RT: 15.617 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN087555.D

Acq: 14 Aug 2025 11:07

Instrument :

MSVOA_N

ClientSampleId :

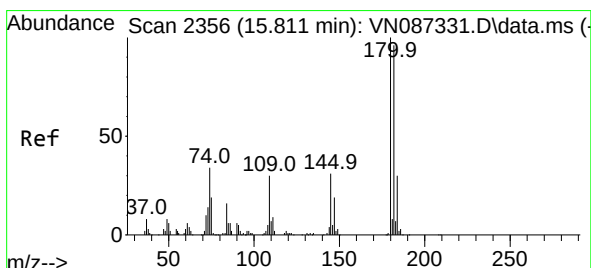
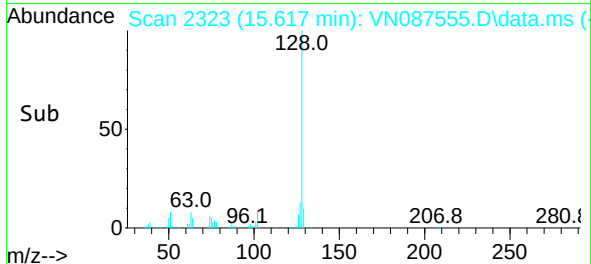
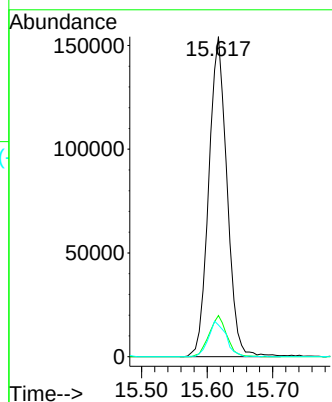
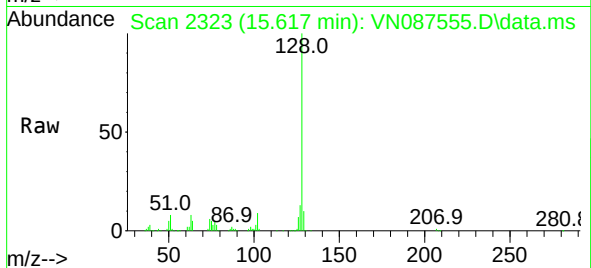
Tgt Ion:128 Resp: 298554

Ion Ratio Lower Upper

128 100

127 12.4 10.5 15.7

129 10.7 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 19.891 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. 0.000 min

Lab File: VN087555.D

Acq: 14 Aug 2025 11:07

Tgt Ion:180 Resp: 78959

Ion Ratio Lower Upper

180 100

182 100.0 47.1 141.4

145 35.6 16.9 50.6

