

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091825\
 Data File : VN087897.D
 Acq On : 18 Sep 2025 15:53
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 19 03:10:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	242162	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	436656	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	413037	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	229158	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	200711	40.453	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	80.900%
35) Dibromofluoromethane	8.153	113	154186	48.907	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.820%
50) Toluene-d8	10.547	98	540551	45.810	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.620%
62) 4-Bromofluorobenzene	12.829	95	209025	49.811	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.620%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	172981	50.294	ug/l	98
3) Chloromethane	2.383	50	166739	47.174	ug/l	93
4) Vinyl Chloride	2.536	62	181085	44.186	ug/l	100
5) Bromomethane	2.959	94	104922	49.618	ug/l	96
6) Chloroethane	3.130	64	118733	41.221	ug/l	99
7) Trichlorofluoromethane	3.506	101	288292	48.014	ug/l	90
8) Diethyl Ether	3.959	74	116870	44.693	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.365	101	157484	46.353	ug/l	95
10) Methyl Iodide	4.583	142	139520	54.275	ug/l	97
11) Tert butyl alcohol	5.524	59	210054	243.864	ug/l #	85
12) 1,1-Dichloroethene	4.336	96	156105	44.712	ug/l	89
13) Acrolein	4.171	56	306499	289.444	ug/l	98
14) Allyl chloride	5.012	41	264777	41.849	ug/l	96
15) Acrylonitrile	5.706	53	586968	241.627	ug/l	100
16) Acetone	4.424	43	544606	201.635	ug/l	95
17) Carbon Disulfide	4.700	76	459871	47.845	ug/l	99
18) Methyl Acetate	5.024	43	298392	52.764	ug/l	95
19) Methyl tert-butyl Ether	5.783	73	655136	50.020	ug/l	97
20) Methylene Chloride	5.271	84	208004	53.325	ug/l	90
21) trans-1,2-Dichloroethene	5.771	96	194446	51.388	ug/l	88
22) Diisopropyl ether	6.659	45	641262	46.967	ug/l	97
23) Vinyl Acetate	6.588	43	2951963	237.645	ug/l	97
24) 1,1-Dichloroethane	6.559	63	352426	47.078	ug/l	99
25) 2-Butanone	7.471	43	841325	236.764	ug/l	96
26) 2,2-Dichloropropane	7.471	77	318269	49.535	ug/l	100
27) cis-1,2-Dichloroethene	7.471	96	233183	51.548	ug/l	96
28) Bromochloromethane	7.794	49	144768	40.001	ug/l	89
29) Tetrahydrofuran	7.824	42	541750	236.899	ug/l	96
30) Chloroform	7.947	83	389842	51.020	ug/l	97
31) Cyclohexane	8.241	56	273316	43.795	ug/l	94
32) 1,1,1-Trichloroethane	8.153	97	325956	50.337	ug/l	95
36) 1,1-Dichloropropene	8.353	75	245477	50.755	ug/l	95
37) Ethyl Acetate	7.547	43	340755	51.559	ug/l	98
38) Carbon Tetrachloride	8.341	117	278851	58.395	ug/l	98
39) Methylcyclohexane	9.582	83	277639	52.141	ug/l	97
40) Benzene	8.588	78	803375	54.156	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	174867	51.078	ug/l	97
42) 1,2-Dichloroethane	8.653	62	299301	52.504	ug/l	99
43) Isopropyl Acetate	8.671	43	533446	51.698	ug/l	96
44) Trichloroethene	9.329	130	189794	56.039	ug/l	96
45) 1,2-Dichloropropane	9.600	63	204340	52.258	ug/l	99
46) Dibromomethane	9.688	93	156991	56.419	ug/l	93
47) Bromodichloromethane	9.865	83	312350	54.772	ug/l	96
48) Methyl methacrylate	9.665	41	248536	50.922	ug/l	95
49) 1,4-Dioxane	9.682	88	70230	1110.173	ug/l #	97
51) 4-Methyl-2-Pentanone	10.424	43	1674603	268.989	ug/l	98
52) Toluene	10.612	92	509866	55.441	ug/l	98
53) t-1,3-Dichloropropene	10.818	75	330701	56.023	ug/l	99
54) cis-1,3-Dichloropropene	10.294	75	337237	55.022	ug/l	96
55) 1,1,2-Trichloroethane	10.994	97	204728	57.546	ug/l	96
56) Ethyl methacrylate	10.853	69	333238	58.612	ug/l	97
57) 1,3-Dichloropropane	11.141	76	351386	55.809	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	767039	249.257	ug/l	95
59) 2-Hexanone	11.176	43	1159884	294.795	ug/l	97
60) Dibromochloromethane	11.335	129	243398	59.046	ug/l	99
61) 1,2-Dibromoethane	11.447	107	219245	58.445	ug/l	100
64) Tetrachloroethene	11.082	164	156183	54.503	ug/l	92
65) Chlorobenzene	11.871	112	574448	55.903	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.941	131	207728	60.892	ug/l	99
67) Ethyl Benzene	11.941	91	1005930	56.540	ug/l	98
68) m/p-Xylenes	12.047	106	819867	125.651	ug/l	97
69) o-Xylene	12.376	106	387040	60.527	ug/l	98
70) Styrene	12.388	104	644890	60.198	ug/l	98
71) Bromoform	12.559	173	169849	64.920	ug/l #	96
73) Isopropylbenzene	12.676	105	933731	50.424	ug/l	100
74) N-amyl acetate	12.500	43	195080	27.799	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	12.918	83	323212	50.698	ug/l	100
76) 1,2,3-Trichloropropane	12.970	75	424116	78.922	ug/l	62
77) Bromobenzene	12.959	156	238139	54.543	ug/l	93
78) n-propylbenzene	13.012	91	1155535	50.662	ug/l	97
79) 2-Chlorotoluene	13.100	91	688408	50.153	ug/l	96
80) 1,3,5-Trimethylbenzene	13.153	105	801081	50.996	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.717	75	114046	56.184	ug/l #	82
82) 4-Chlorotoluene	13.200	91	721312	49.982	ug/l	95
83) tert-Butylbenzene	13.417	119	693919	53.010	ug/l	97
84) 1,2,4-Trimethylbenzene	13.459	105	830827	52.834	ug/l	98
85) sec-Butylbenzene	13.594	105	1003131	51.639	ug/l	99
86) p-Isopropyltoluene	13.706	119	851529	53.085	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	459977	53.498	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	464353	51.896	ug/l	99
89) n-Butylbenzene	14.035	91	792928	49.772	ug/l	98
90) Hexachloroethane	14.312	117	163415	53.472	ug/l	87
91) 1,2-Dichlorobenzene	14.082	146	446395	54.725	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.700	75	72637	47.962	ug/l	89
93) 1,2,4-Trichlorobenzene	15.364	180	269981	55.118	ug/l	98
94) Hexachlorobutadiene	15.476	225	92456	52.945	ug/l	99
95) Naphthalene	15.611	128	901466	51.959	ug/l	100
96) 1,2,3-Trichlorobenzene	15.811	180	263085	54.940	ug/l	99

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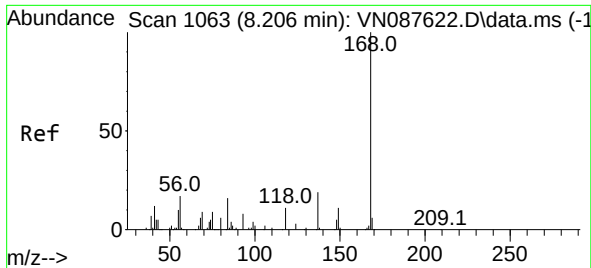
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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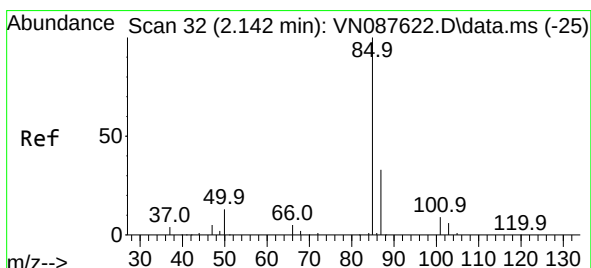
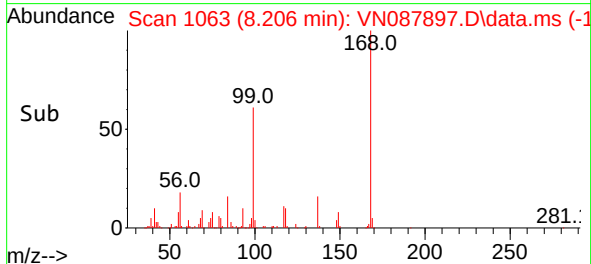
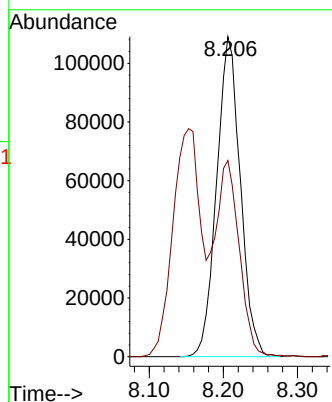
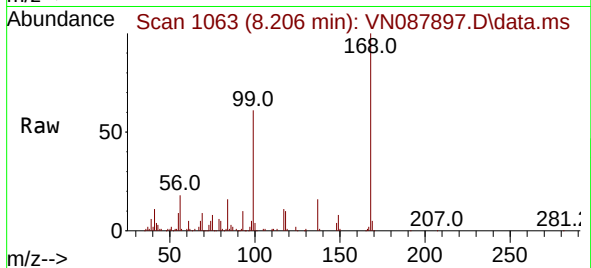




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
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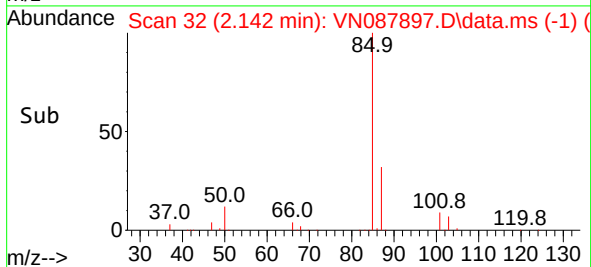
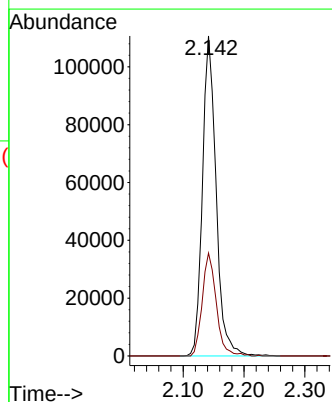
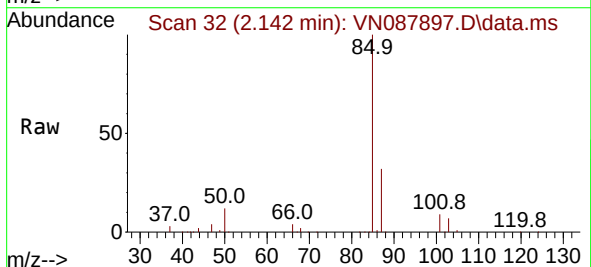
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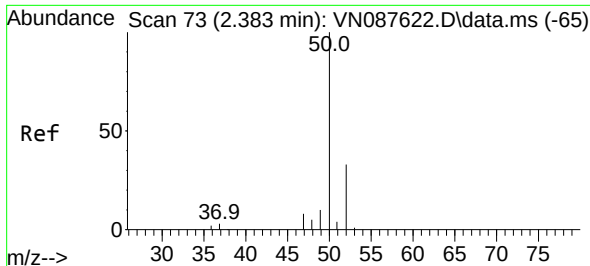
Tgt Ion:168 Resp: 242162
Ion Ratio Lower Upper
168 100
99 60.8 57.2 85.8



#2
Dichlorodifluoromethane
Concen: 50.294 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087897.D
Acq: 18 Sep 2025 15:53

Tgt Ion: 85 Resp: 172981
Ion Ratio Lower Upper
85 100
87 32.1 16.6 49.8





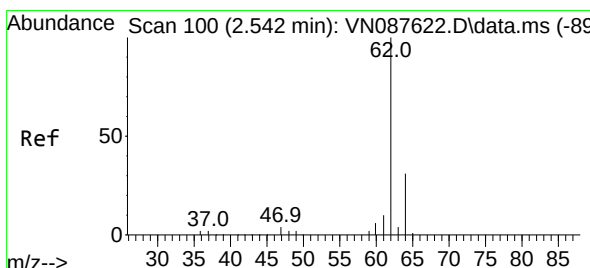
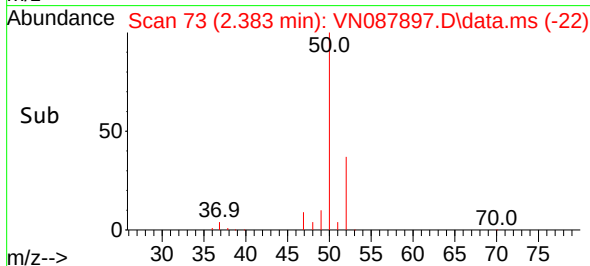
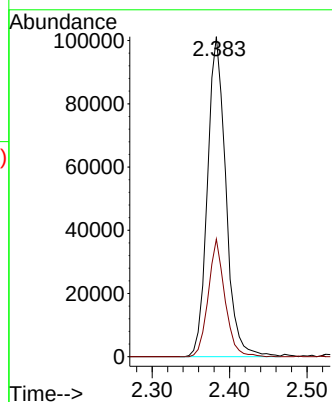
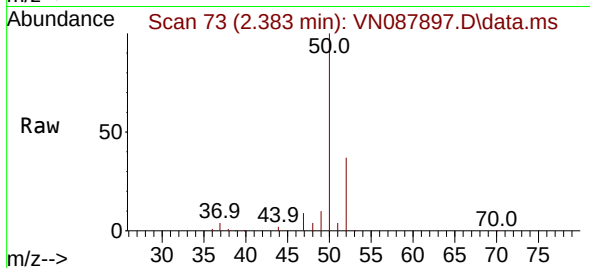
#3
Chloromethane
Concen: 47.174 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087897.D
Acq: 18 Sep 2025 15:53

Instrument :

MSVOA_N

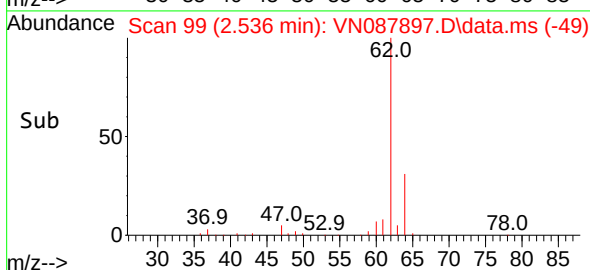
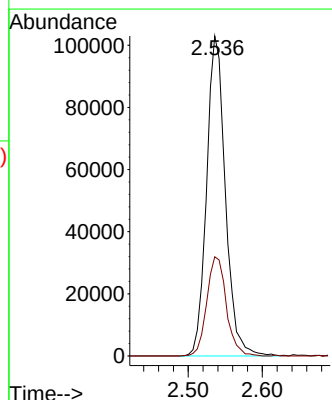
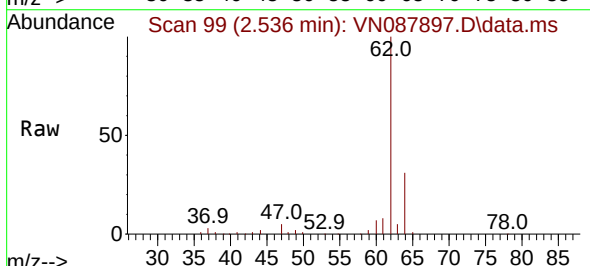
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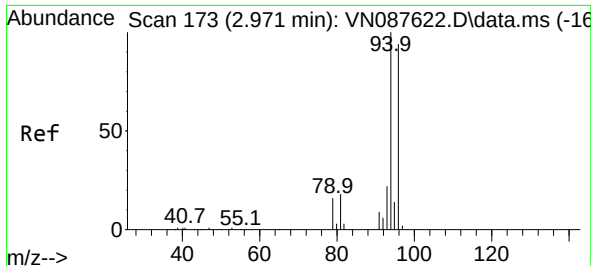
Tgt Ion: 50 Resp: 166739
Ion Ratio Lower Upper
50 100
52 36.8 26.2 39.4



#4
Vinyl Chloride
Concen: 44.186 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087897.D
Acq: 18 Sep 2025 15:53

Tgt Ion: 62 Resp: 181085
Ion Ratio Lower Upper
62 100
64 31.0 24.6 37.0

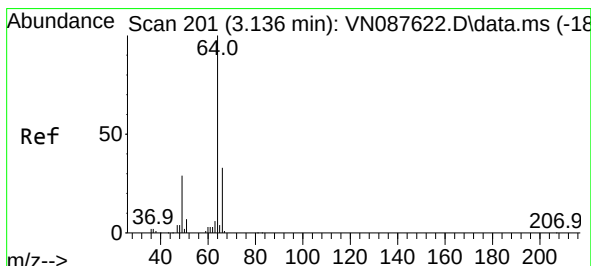
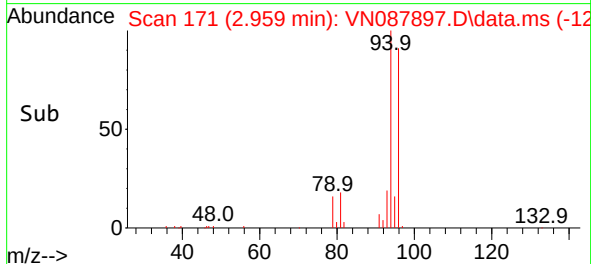
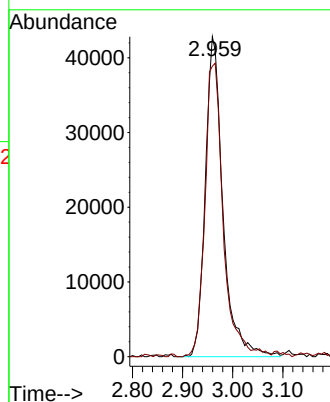
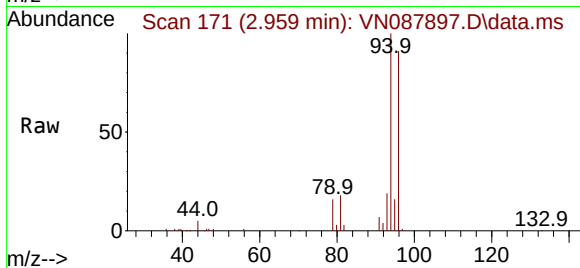




#5
Bromomethane
Concen: 49.618 ug/l
RT: 2.959 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN087897.D
Acq: 18 Sep 2025 15:53

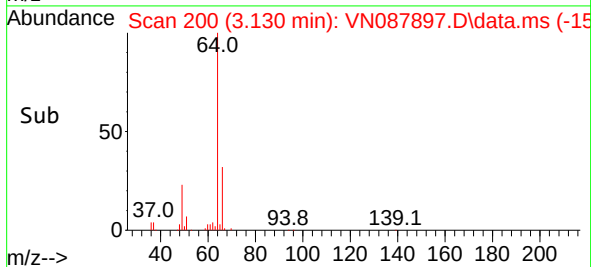
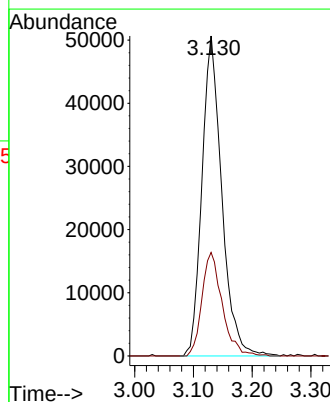
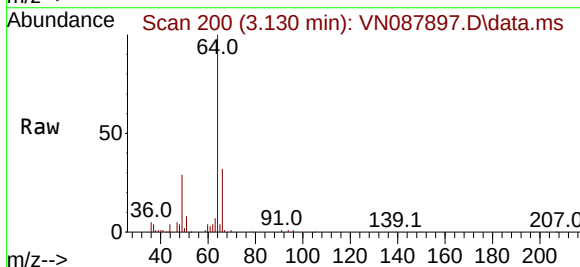
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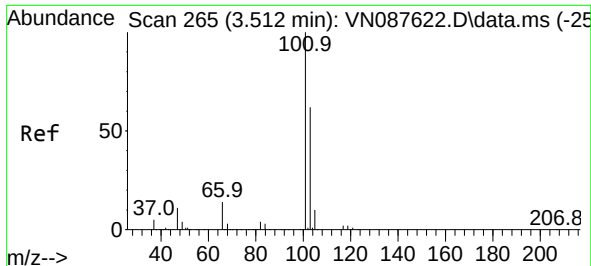
Tgt Ion: 94 Resp: 104922
Ion Ratio Lower Upper
94 100
96 90.8 75.4 113.2



#6
Chloroethane
Concen: 41.221 ug/l
RT: 3.130 min Scan# 200
Delta R.T. -0.006 min
Lab File: VN087897.D
Acq: 18 Sep 2025 15:53

Tgt Ion: 64 Resp: 118733
Ion Ratio Lower Upper
64 100
66 32.3 26.2 39.2

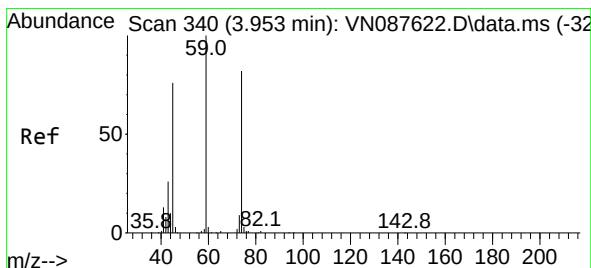
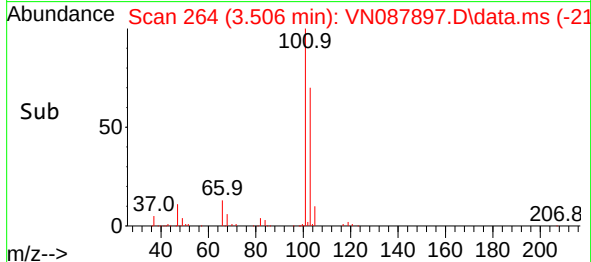
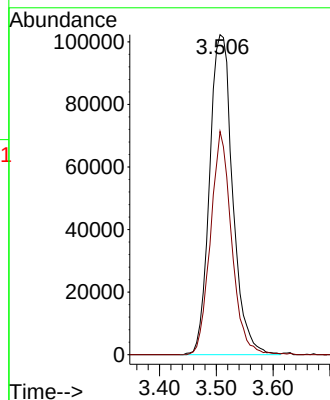
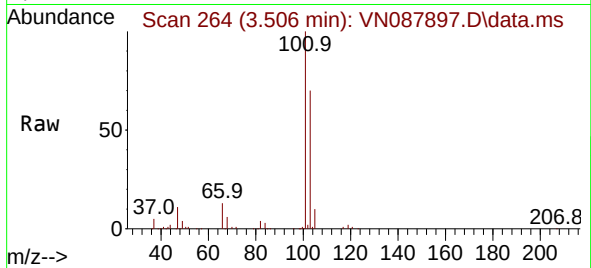




#7
 Trichlorofluoromethane
 Concen: 48.014 ug/l
 RT: 3.506 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN087897.D
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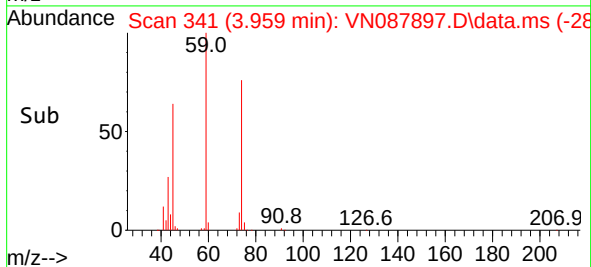
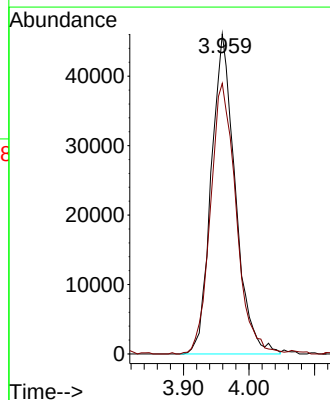
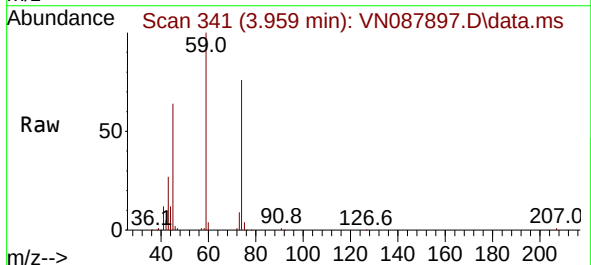
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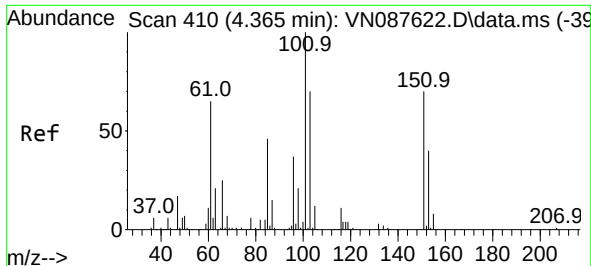
Tgt Ion:101 Resp: 288292
 Ion Ratio Lower Upper
 101 100
 103 69.7 49.4 74.0



#8
 Diethyl Ether
 Concen: 44.693 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN087897.D
 Acq: 18 Sep 2025 15:53

Tgt Ion: 74 Resp: 116870
 Ion Ratio Lower Upper
 74 100
 45 90.6 50.6 151.9

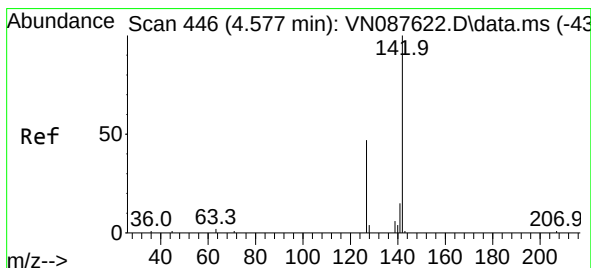
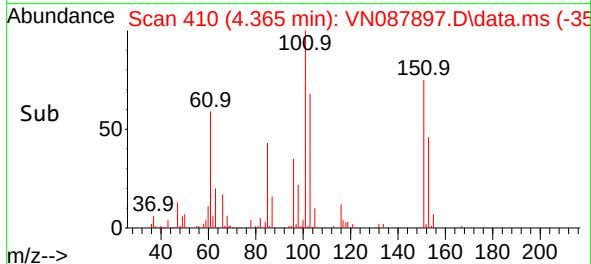
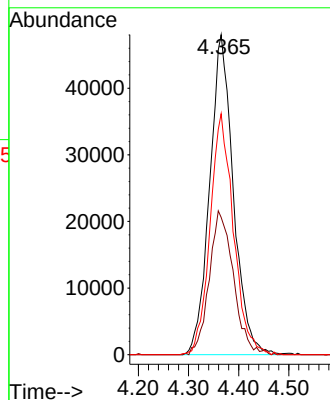
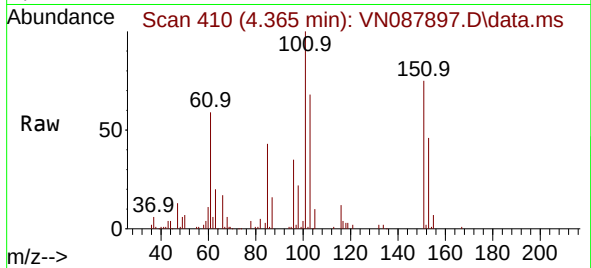




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.353 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN087897.D
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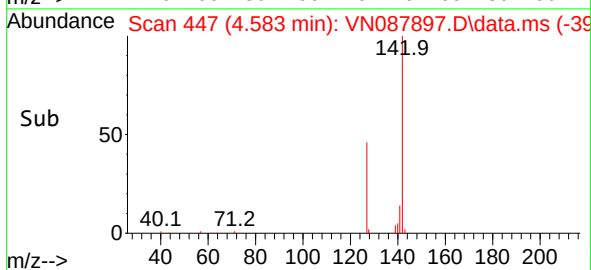
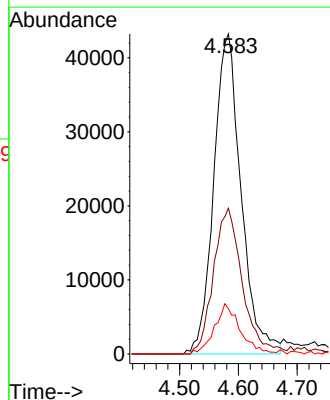
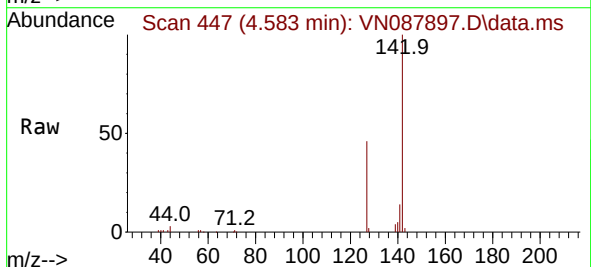
Instrument :
MSVOA_N
ClientSampleId :

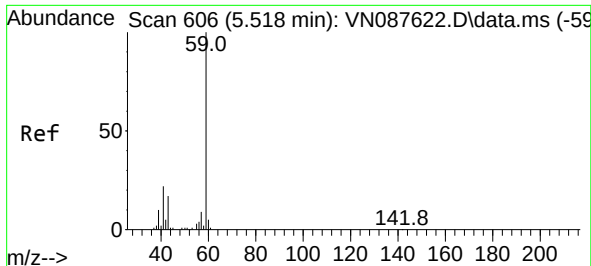
Tgt Ion:101 Resp: 157484
Ion Ratio Lower Upper
101 100
85 46.0 36.6 55.0
151 74.4 54.7 82.1



#10
Methyl Iodide
Concen: 54.275 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN087897.D
Acq: 18 Sep 2025 15:53

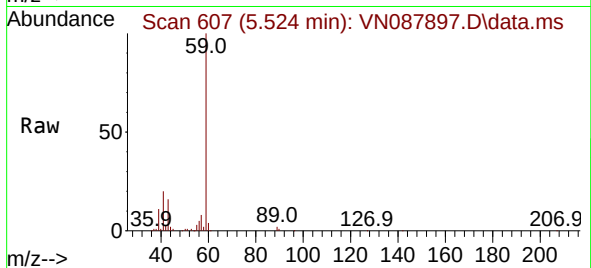
Tgt Ion:142 Resp: 139520
Ion Ratio Lower Upper
142 100
127 45.6 38.0 57.0
141 14.2 12.0 18.0



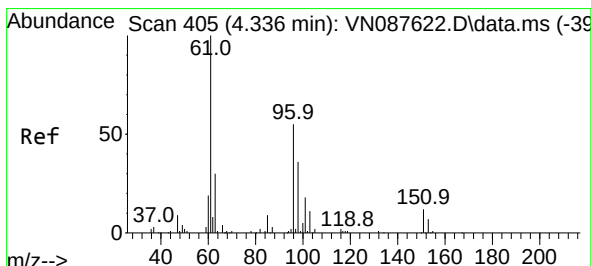
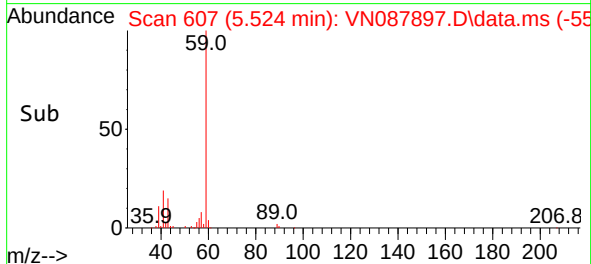
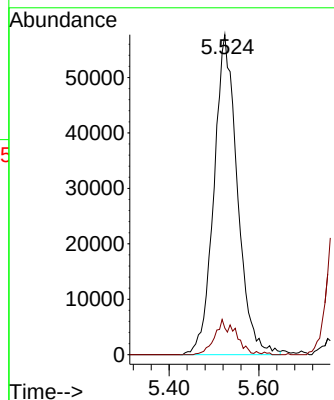


#11
Tert butyl alcohol
Concen: 243.864 ug/l
RT: 5.524 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN087897.D
Acq: 18 Sep 2025 15:53

Instrument :
MSVOA_N
ClientSampleId :

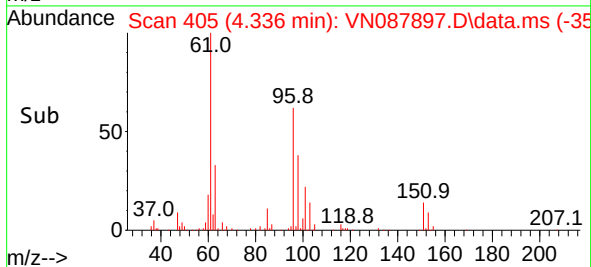
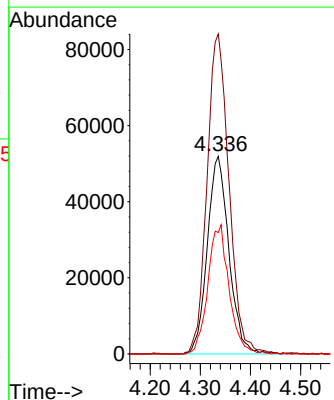
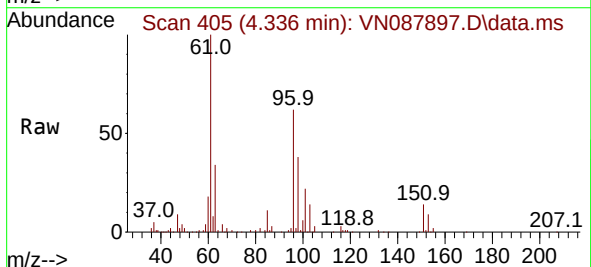


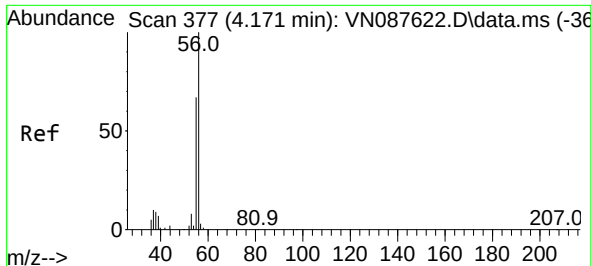
Tgt Ion: 59 Resp: 210054
Ion Ratio Lower Upper
59 100
57 5.6 9.0 13.4#



#12
1,1-Dichloroethene
Concen: 44.712 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN087897.D
Acq: 18 Sep 2025 15:53

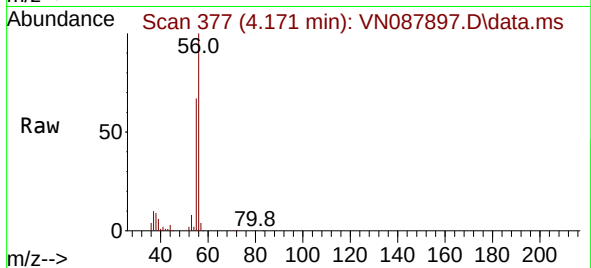
Tgt Ion: 96 Resp: 156105
Ion Ratio Lower Upper
96 100
61 161.9 143.8 215.8
98 61.4 52.1 78.1



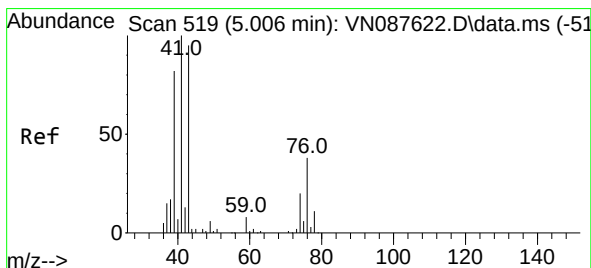
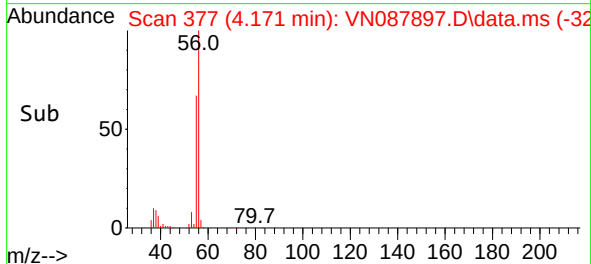
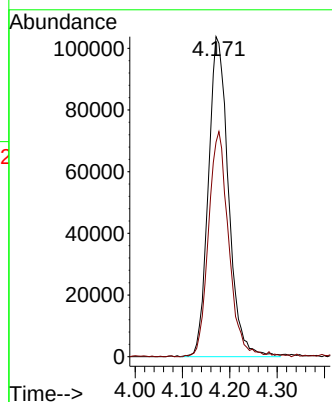


#13
Acrolein
Concen: 289.444 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN087897.D
Acq: 18 Sep 2025 15:53

Instrument :
MSVOA_N
ClientSampleId :

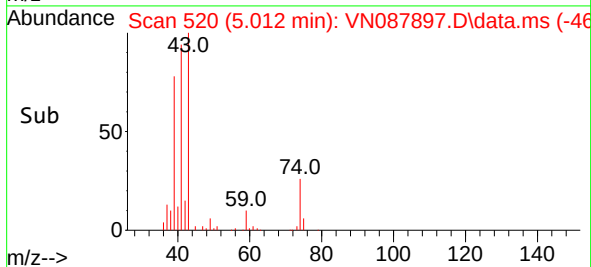
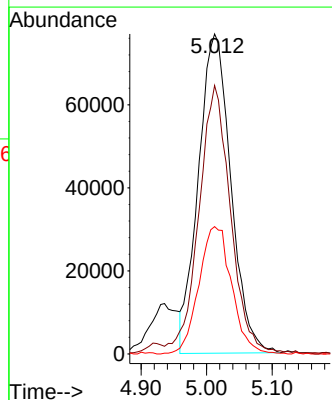
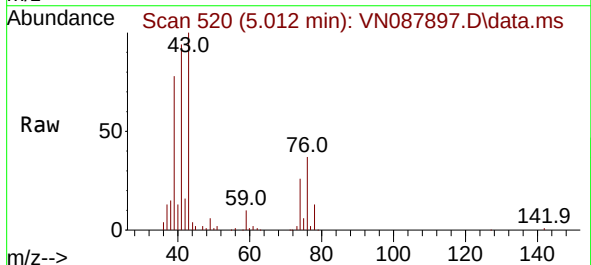


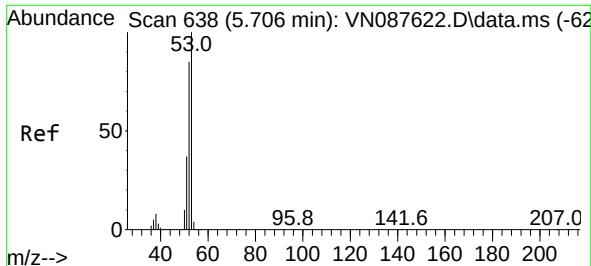
Tgt Ion: 56 Resp: 306499
Ion Ratio Lower Upper
56 100
55 70.3 57.3 85.9



#14
Allyl chloride
Concen: 41.849 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.006 min
Lab File: VN087897.D
Acq: 18 Sep 2025 15:53

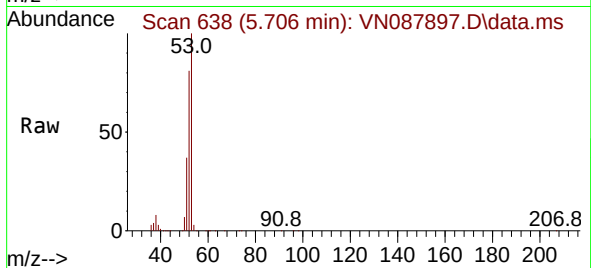
Tgt Ion: 41 Resp: 264777
Ion Ratio Lower Upper
41 100
39 81.6 63.9 95.9
76 40.3 28.1 42.1



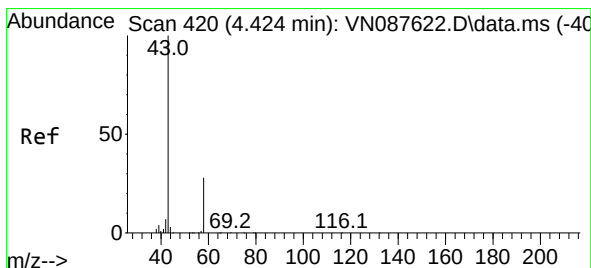
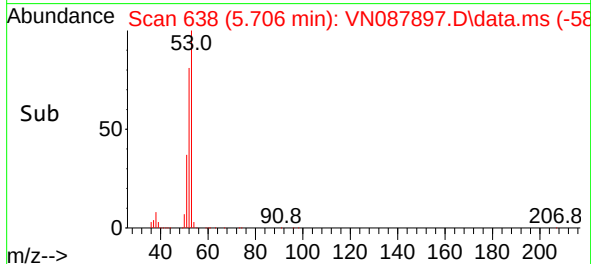
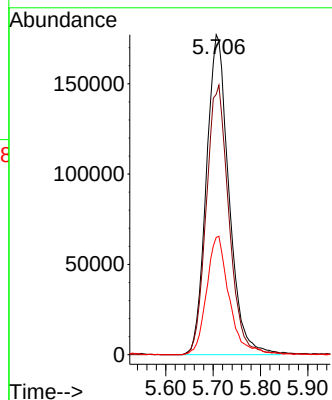


#15
Acrylonitrile
Concen: 241.627 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087897.D
Acq: 18 Sep 2025 15:53

Instrument :
MSVOA_N
ClientSampleId :

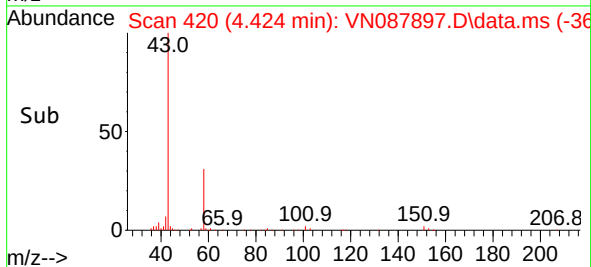
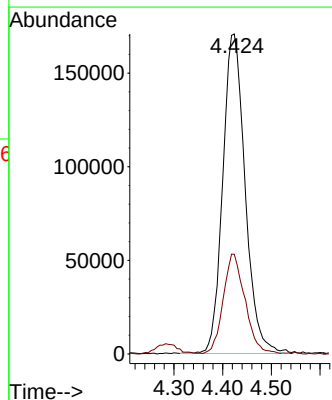
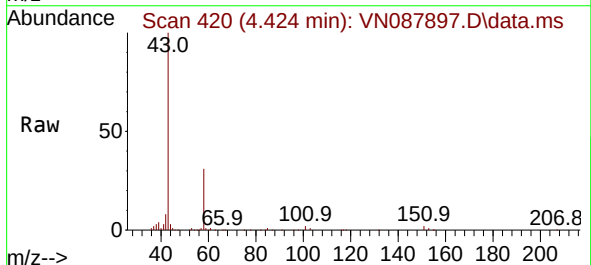


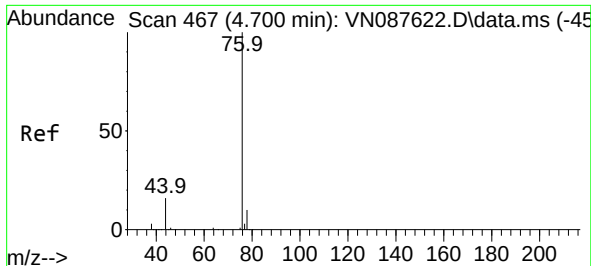
Tgt Ion: 53 Resp: 586968
Ion Ratio Lower Upper
53 100
52 84.1 67.6 101.4
51 37.3 30.1 45.1



#16
Acetone
Concen: 201.635 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN087897.D
Acq: 18 Sep 2025 15:53

Tgt Ion: 43 Resp: 544606
Ion Ratio Lower Upper
43 100
58 31.0 22.6 33.8

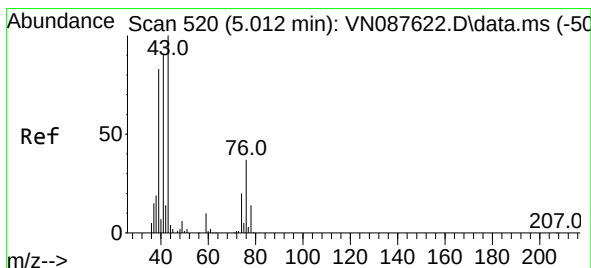
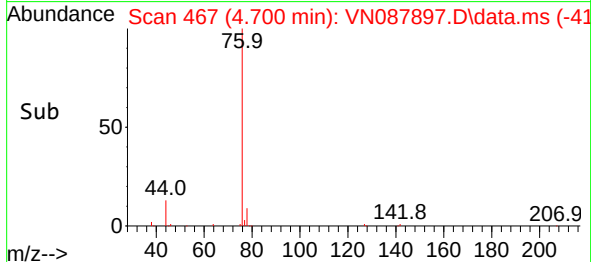
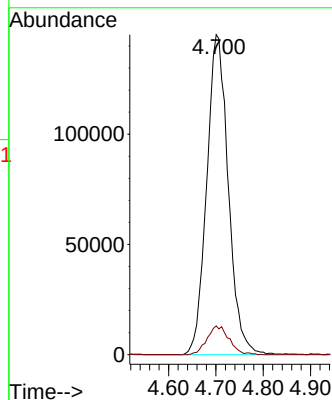
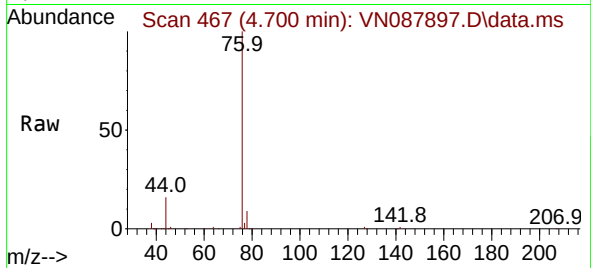




#17
Carbon Disulfide
Concen: 47.845 ug/l
RT: 4.700 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN087897.D
Acq: 18 Sep 2025 15:53

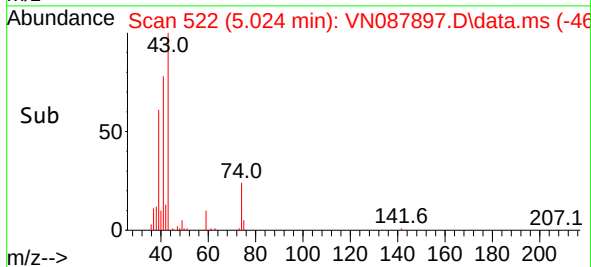
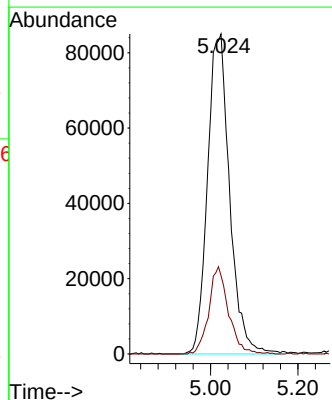
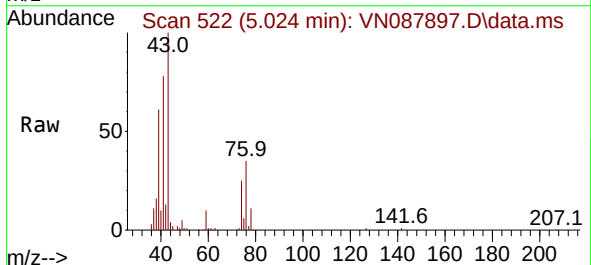
Instrument :
MSVOA_N
ClientSampleId :

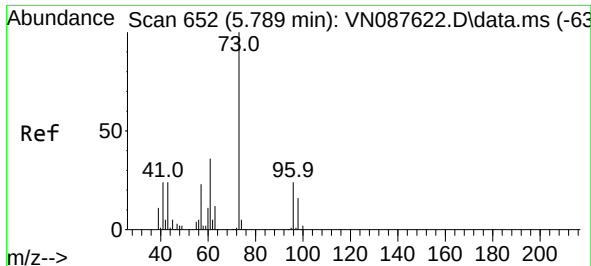
Tgt Ion: 76 Resp: 459871
Ion Ratio Lower Upper
76 100
78 9.0 7.6 11.4



#18
Methyl Acetate
Concen: 52.764 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.012 min
Lab File: VN087897.D
Acq: 18 Sep 2025 15:53

Tgt Ion: 43 Resp: 298392
Ion Ratio Lower Upper
43 100
74 24.2 17.6 26.4

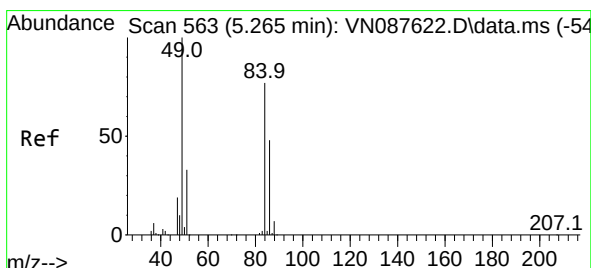
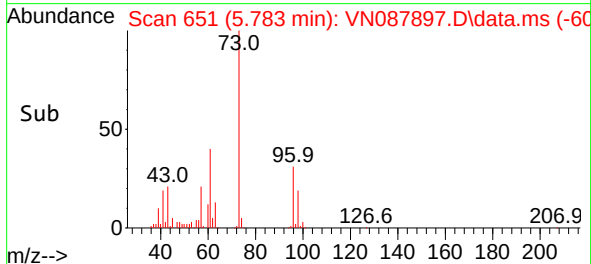
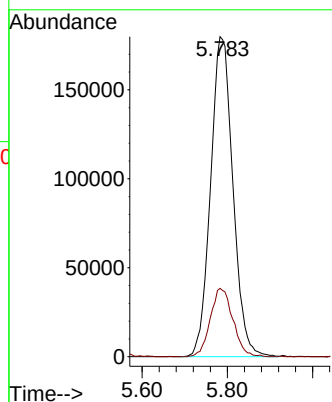
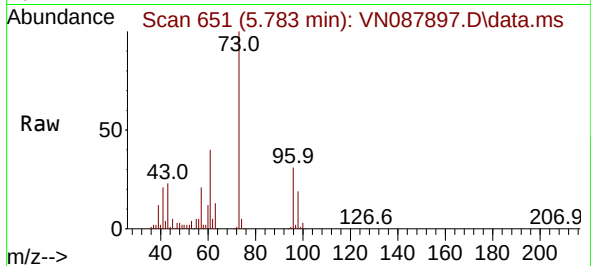




#19
Methyl tert-butyl Ether
Concen: 50.020 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN087897.D
Acq: 18 Sep 2025 15:53

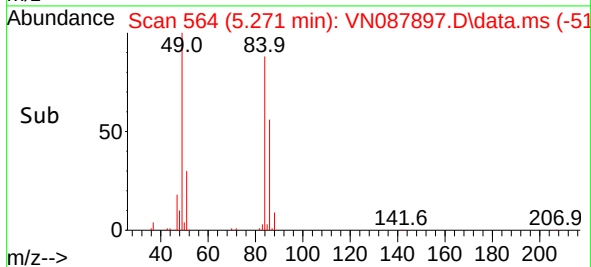
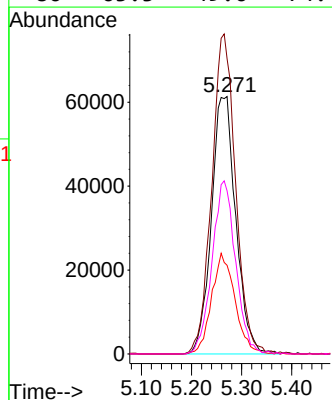
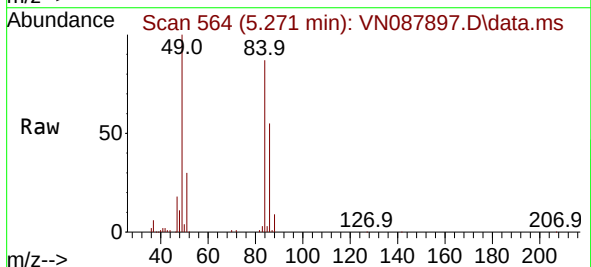
Instrument :
MSVOA_N
ClientSampleId :

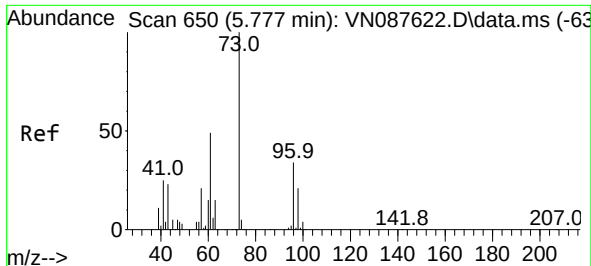
Tgt Ion: 73 Resp: 655136
Ion Ratio Lower Upper
73 100
57 21.4 18.4 27.6



#20
Methylene Chloride
Concen: 53.325 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.006 min
Lab File: VN087897.D
Acq: 18 Sep 2025 15:53

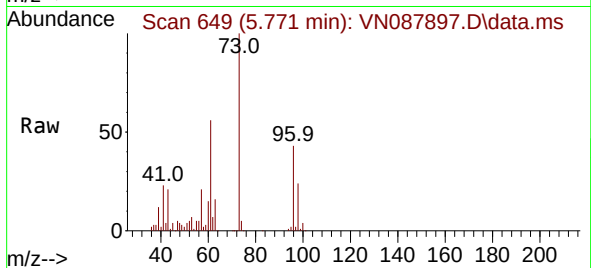
Tgt Ion: 84 Resp: 208004
Ion Ratio Lower Upper
84 100
49 114.7 103.4 155.2
51 34.5 33.8 50.8
86 63.3 49.6 74.4



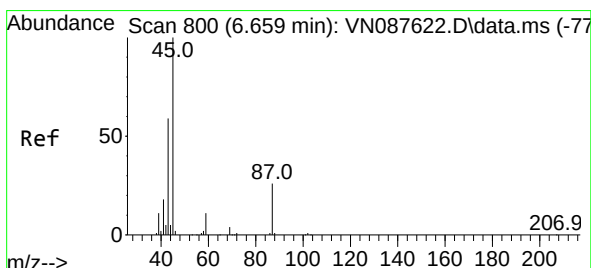
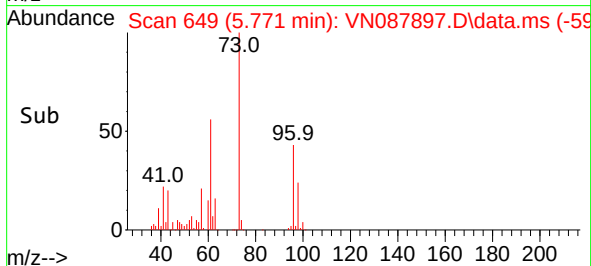
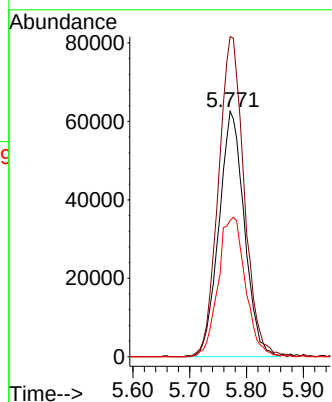


#21
trans-1,2-Dichloroethene
Concen: 51.388 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.006 min
Lab File: VN087897.D
Acq: 18 Sep 2025 15:53

Instrument :
MSVOA_N
ClientSampleId :

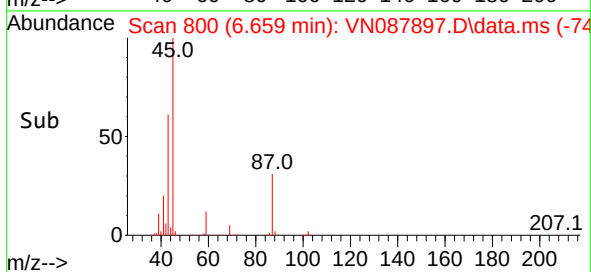
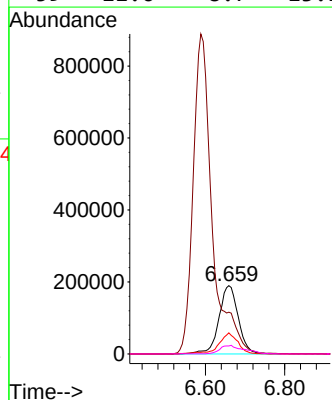
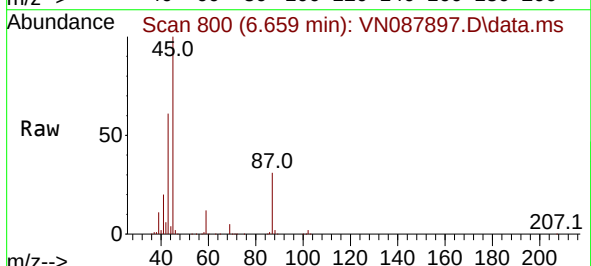


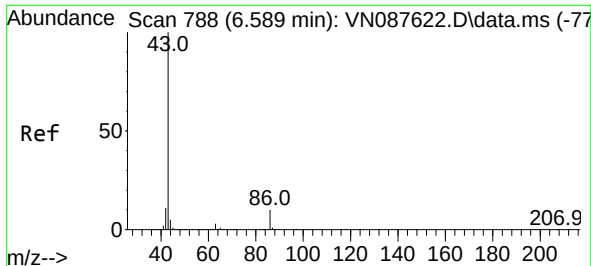
Tgt Ion: 96 Resp: 194446
Ion Ratio Lower Upper
96 100
61 130.5 118.0 177.0
98 55.5 50.0 75.0



#22
Diisopropyl ether
Concen: 46.967 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN087897.D
Acq: 18 Sep 2025 15:53

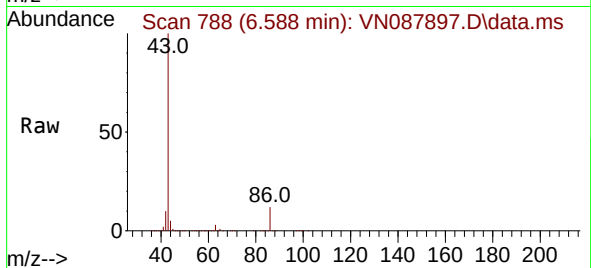
Tgt Ion: 45 Resp: 641262
Ion Ratio Lower Upper
45 100
43 60.5 47.7 71.5
87 31.0 21.4 32.0
59 11.6 8.7 13.1



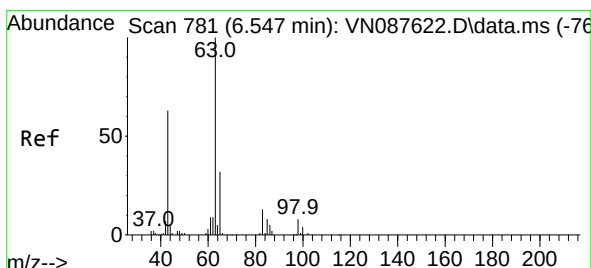
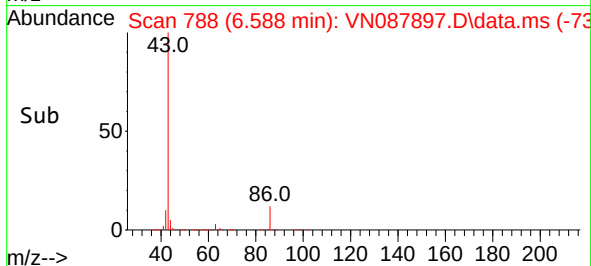
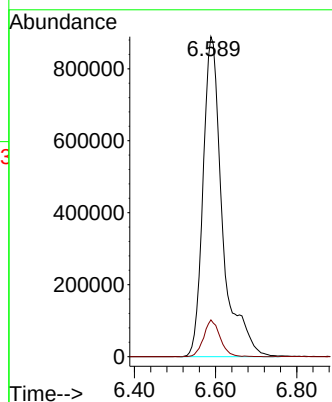


#23
 Vinyl Acetate
 Concen: 237.645 ug/l
 RT: 6.588 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VN087897.D
 Acq: 18 Sep 2025 15:53

Instrument :
 MSVOA_N
 ClientSampleId :

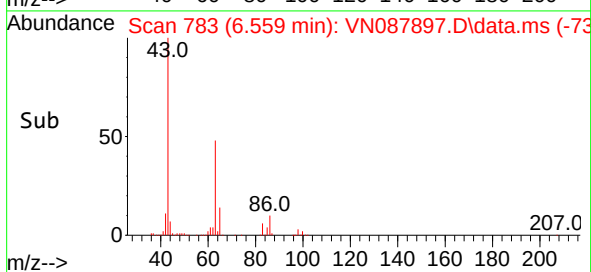
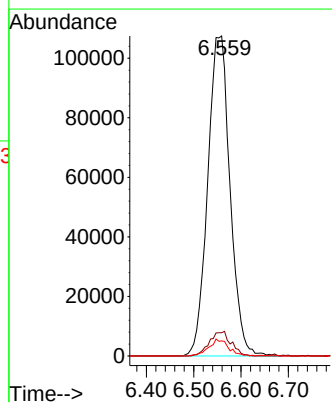
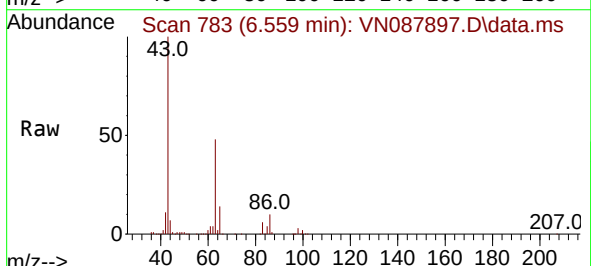


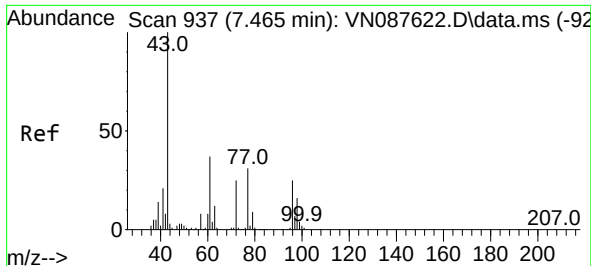
Tgt Ion: 43 Resp: 2951963
 Ion Ratio Lower Upper
 43 100
 86 11.5 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 47.078 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. 0.012 min
 Lab File: VN087897.D
 Acq: 18 Sep 2025 15:53

Tgt Ion: 63 Resp: 352426
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.8 11.4
 100 4.7 2.0 6.0

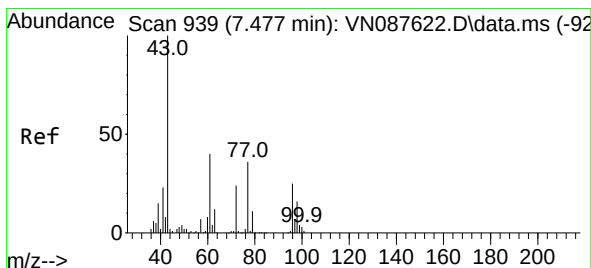
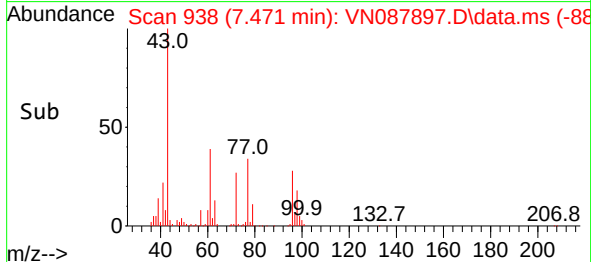
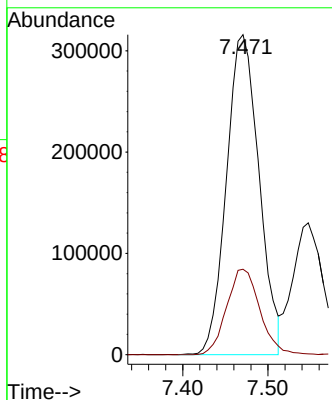
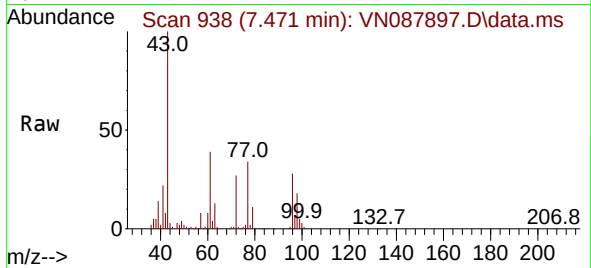




#25
2-Butanone
Concen: 236.764 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087897.D
Acq: 18 Sep 2025 15:53

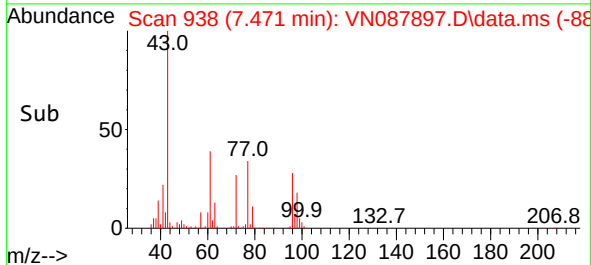
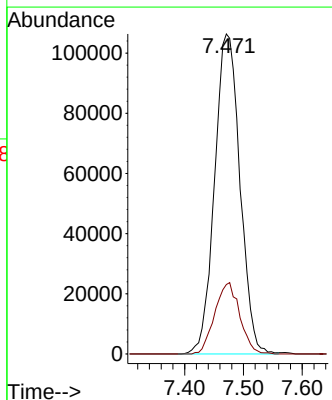
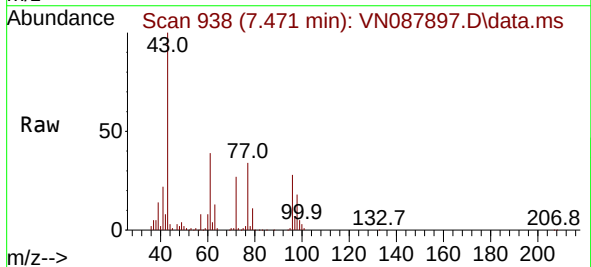
Instrument :
MSVOA_N
ClientSampleId :

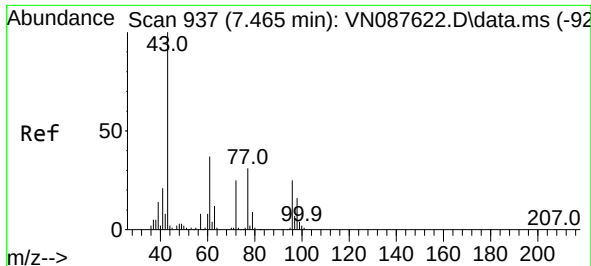
Tgt Ion: 43 Resp: 841325
Ion Ratio Lower Upper
43 100
72 26.7 19.9 29.9



#26
2,2-Dichloropropane
Concen: 49.535 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN087897.D
Acq: 18 Sep 2025 15:53

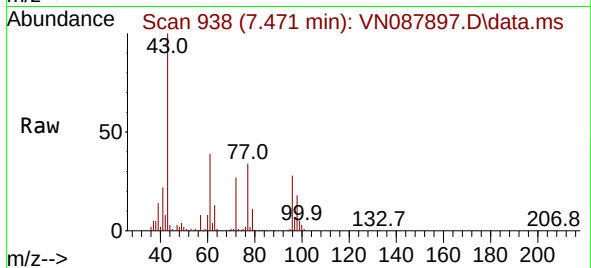
Tgt Ion: 77 Resp: 318269
Ion Ratio Lower Upper
77 100
97 22.0 10.9 32.7



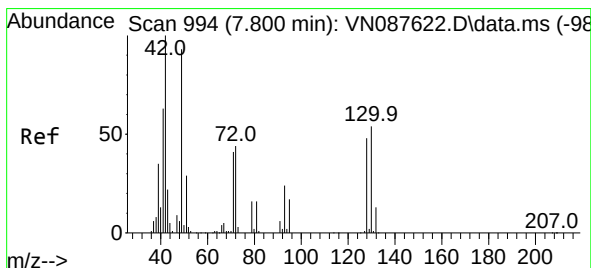
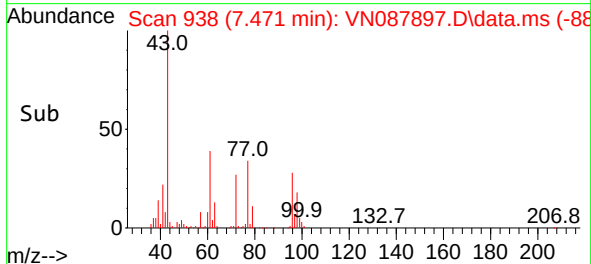
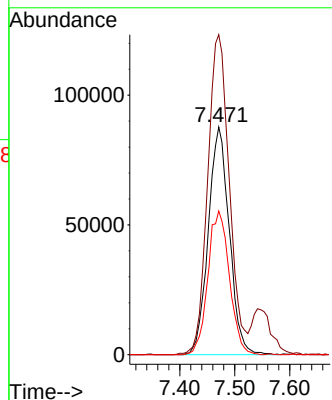


#27
 cis-1,2-Dichloroethene
 Concen: 51.548 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN087897.D
 Acq: 18 Sep 2025 15:53

Instrument :
 MSVOA_N
 ClientSampleId :

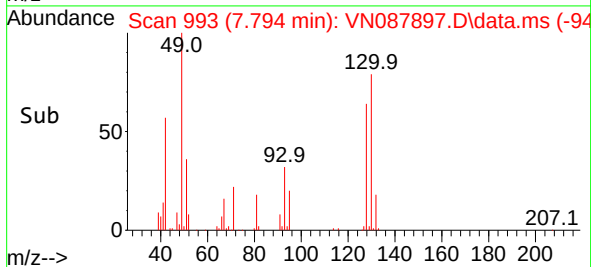
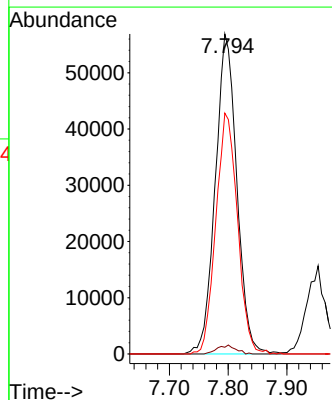
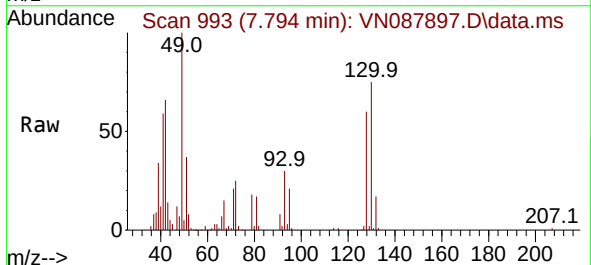


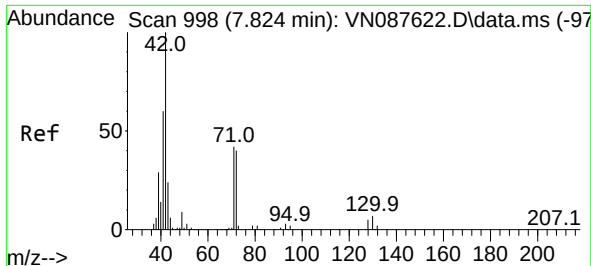
Tgt Ion: 96 Resp: 233183
 Ion Ratio Lower Upper
 96 100
 61 144.5 0.0 301.8
 98 64.5 0.0 126.2



#28
 Bromochloromethane
 Concen: 40.001 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN087897.D
 Acq: 18 Sep 2025 15:53

Tgt Ion: 49 Resp: 144768
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 3.0
 130 75.5 53.1 79.7





#29

Tetrahydrofuran

Concen: 236.899 ug/l

RT: 7.824 min Scan# 998

Delta R.T. -0.000 min

Lab File: VN087897.D

Acq: 18 Sep 2025 15:53

Instrument :

MSVOA_N

ClientSampleId :

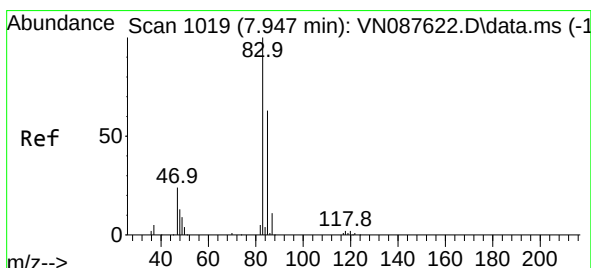
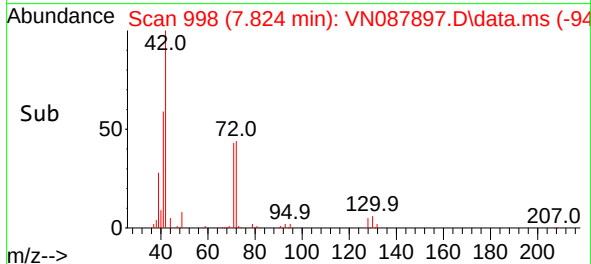
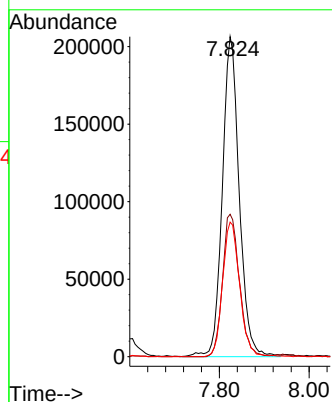
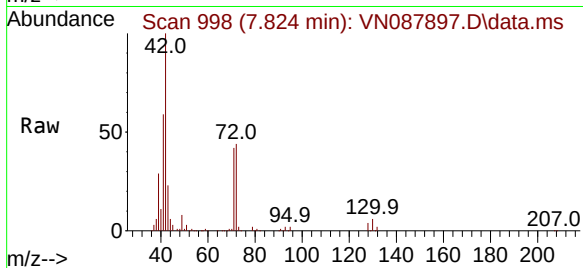
Tgt Ion: 42 Resp: 541750

Ion Ratio Lower Upper

42 100

72 44.4 33.7 50.5

71 42.4 31.9 47.9



#30

Chloroform

Concen: 51.020 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VN087897.D

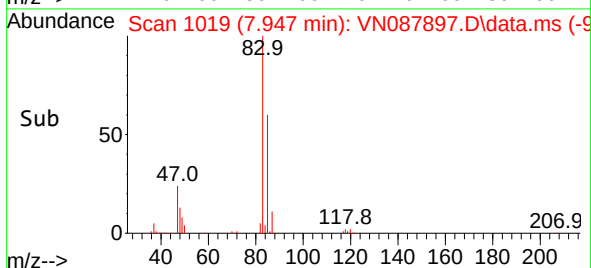
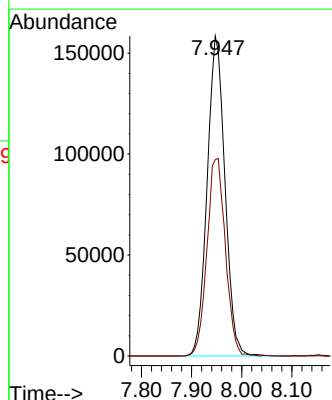
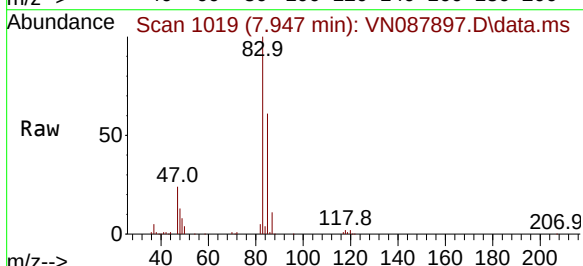
Acq: 18 Sep 2025 15:53

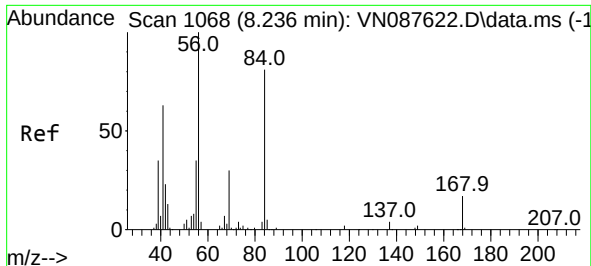
Tgt Ion: 83 Resp: 389842

Ion Ratio Lower Upper

83 100

85 61.3 50.7 76.1





#31

Cyclohexane

Concen: 43.795 ug/l

RT: 8.241 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VN087897.D

Acq: 18 Sep 2025 15:53

Instrument :

MSVOA_N

ClientSampleId :

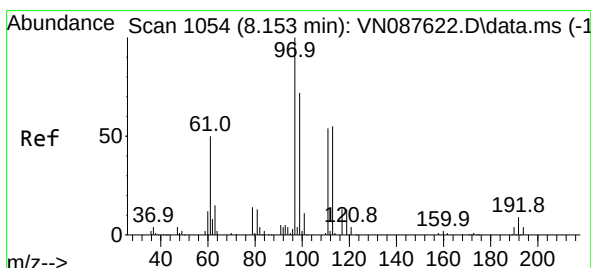
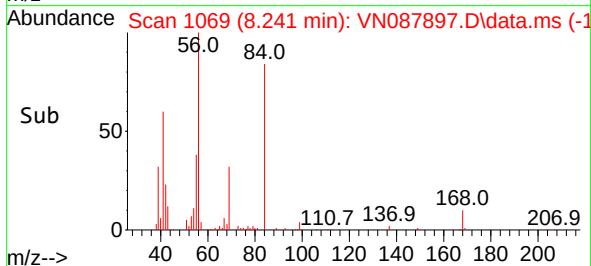
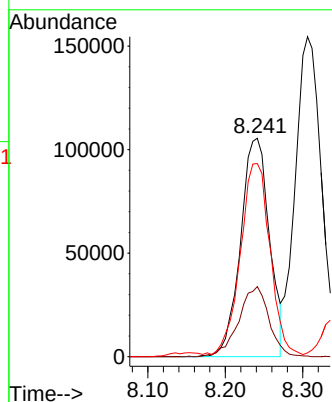
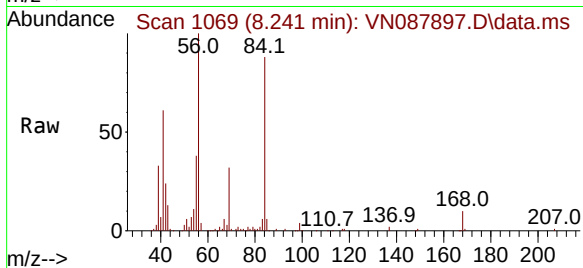
Tgt Ion: 56 Resp: 273316

Ion Ratio Lower Upper

56 100

69 32.1 23.7 35.5

84 87.1 64.7 97.1



#32

1,1,1-Trichloroethane

Concen: 50.337 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. -0.000 min

Lab File: VN087897.D

Acq: 18 Sep 2025 15:53

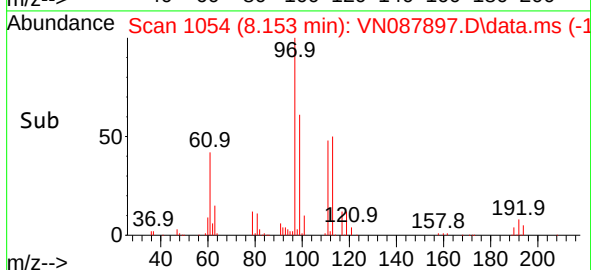
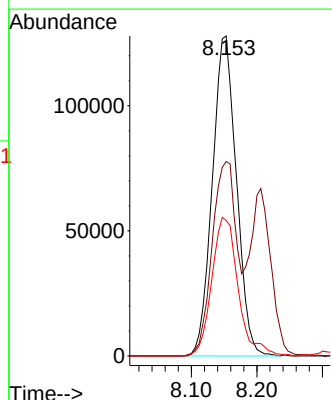
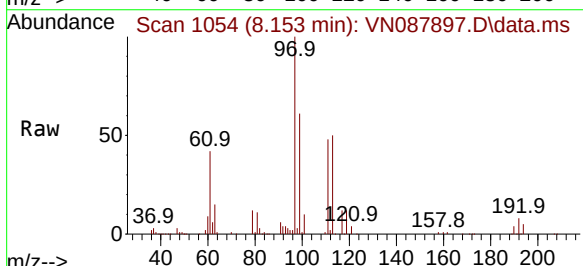
Tgt Ion: 97 Resp: 325956

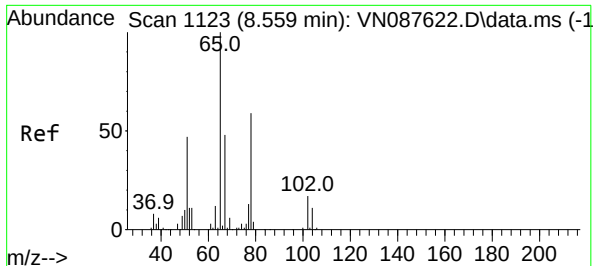
Ion Ratio Lower Upper

97 100

99 61.6 52.2 78.2

61 47.4 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 40.453 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN087897.D

Acq: 18 Sep 2025 15:53

Instrument :

MSVOA_N

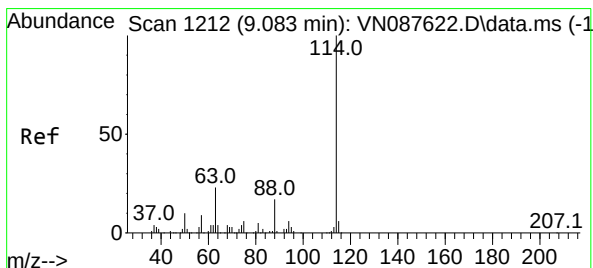
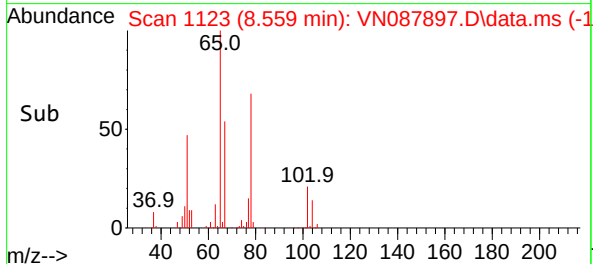
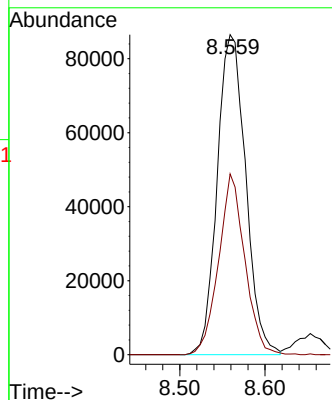
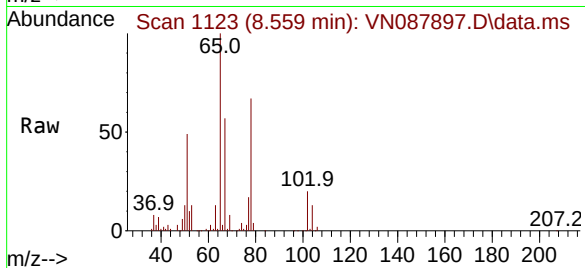
ClientSampleId :

Tgt Ion: 65 Resp: 200711

Ion Ratio Lower Upper

65 100

67 52.0 0.0 100.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN087897.D

Acq: 18 Sep 2025 15:53

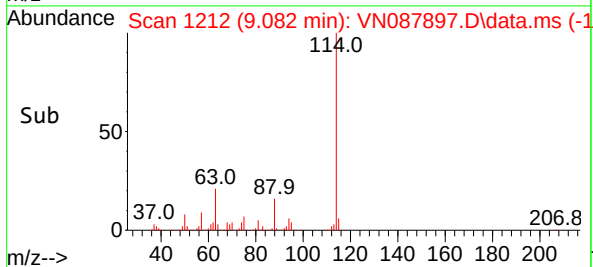
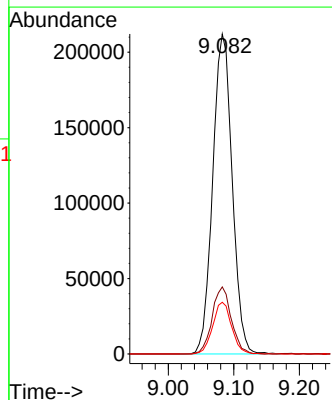
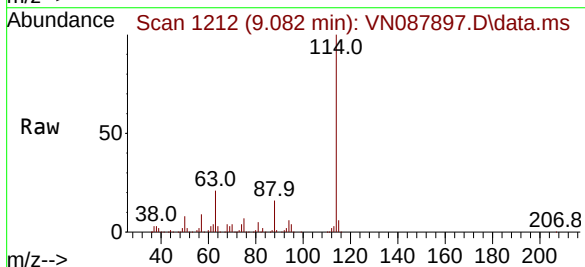
Tgt Ion: 114 Resp: 436656

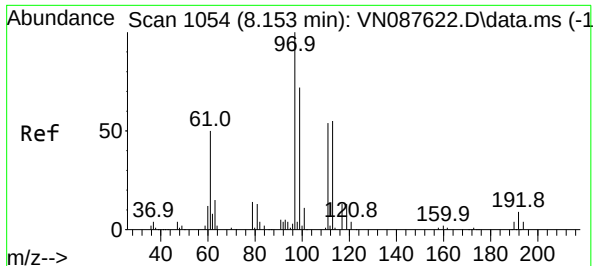
Ion Ratio Lower Upper

114 100

63 20.9 0.0 45.2

88 16.2 0.0 33.4





#35

Dibromofluoromethane

Concen: 48.907 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. -0.000 min

Lab File: VN087897.D

Acq: 18 Sep 2025 15:53

Instrument :

MSVOA_N

ClientSampleId :

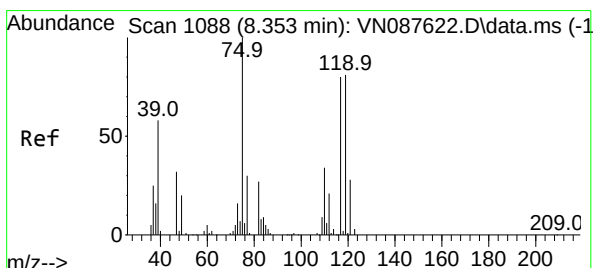
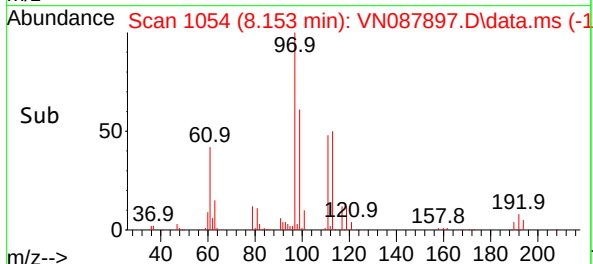
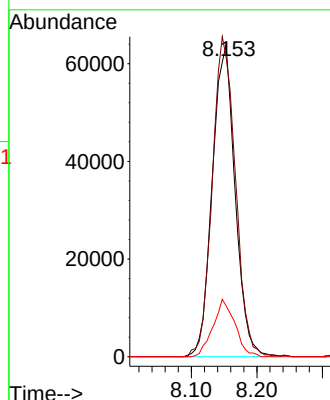
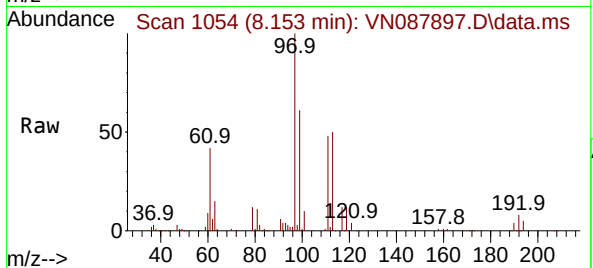
Tgt Ion:113 Resp: 154186

Ion Ratio Lower Upper

113 100

111 104.1 82.8 124.2

192 17.7 12.8 19.2



#36

1,1-Dichloropropene

Concen: 50.755 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VN087897.D

Acq: 18 Sep 2025 15:53

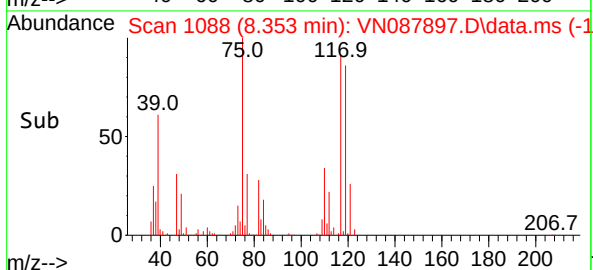
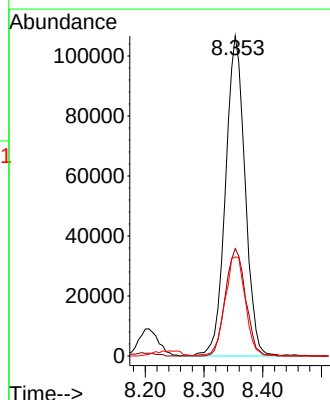
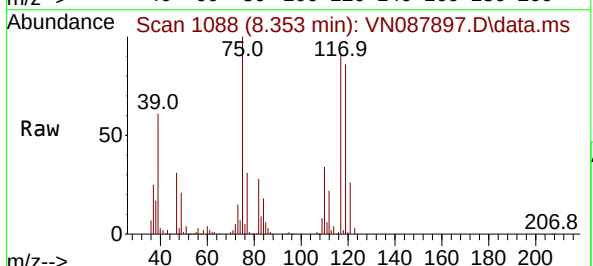
Tgt Ion: 75 Resp: 245477

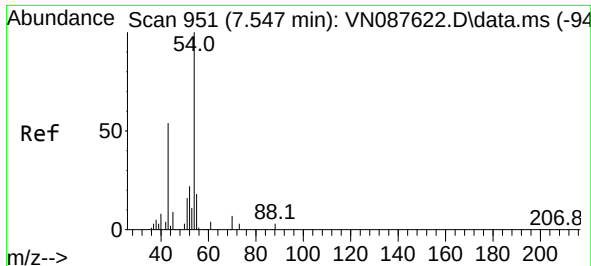
Ion Ratio Lower Upper

75 100

110 34.8 15.9 47.6

77 32.7 24.4 36.6





#37

Ethyl Acetate

Concen: 51.559 ug/l

RT: 7.547 min Scan# 91

Delta R.T. -0.000 min

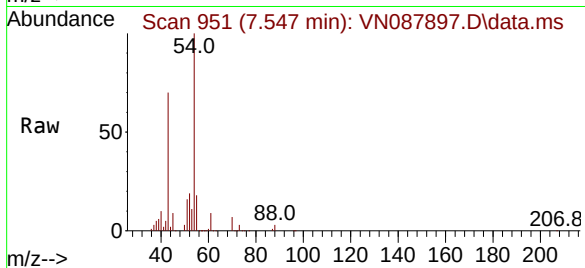
Lab File: VN087897.D

Acq: 18 Sep 2025 15:53

Instrument :

MSVOA_N

ClientSampleId :



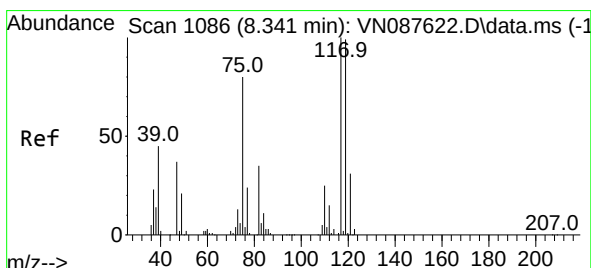
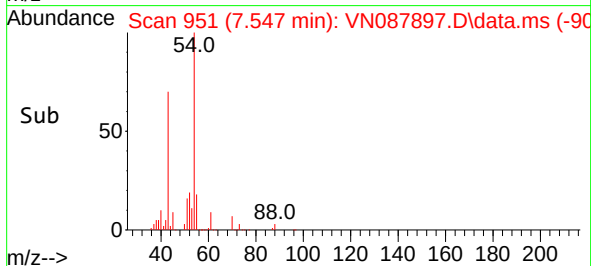
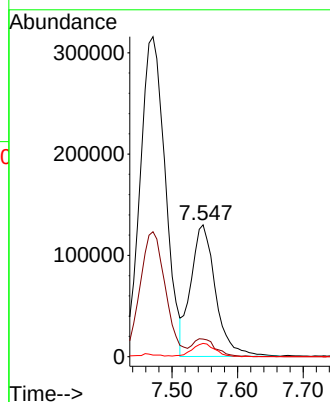
Tgt Ion: 43 Resp: 340755

Ion Ratio Lower Upper

43 100

61 12.6 9.3 13.9

70 9.4 7.0 10.6



#38

Carbon Tetrachloride

Concen: 58.395 ug/l

RT: 8.341 min Scan# 1086

Delta R.T. -0.000 min

Lab File: VN087897.D

Acq: 18 Sep 2025 15:53

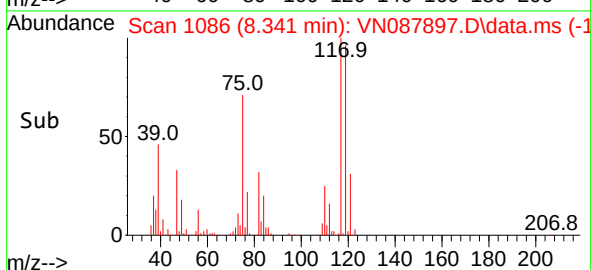
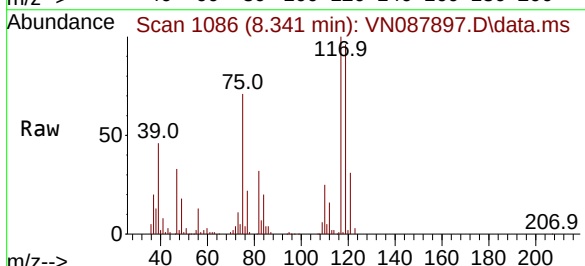
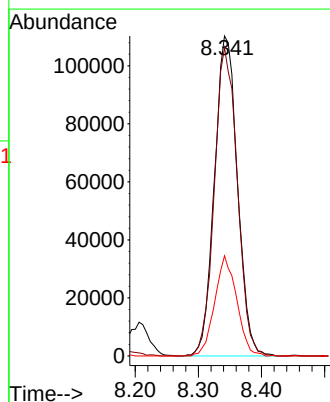
Tgt Ion: 117 Resp: 278851

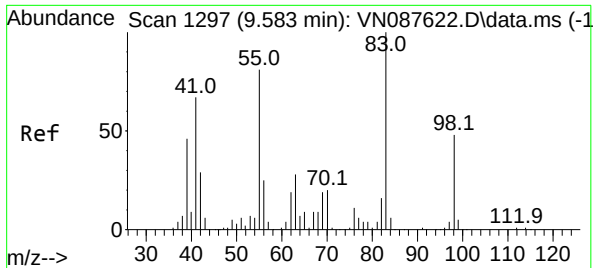
Ion Ratio Lower Upper

117 100

119 96.3 79.0 118.6

121 31.3 25.0 37.6





#39

Methylcyclohexane

Concen: 52.141 ug/l

RT: 9.582 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VN087897.D

Acq: 18 Sep 2025 15:53

Instrument :

MSVOA_N

ClientSampleId :

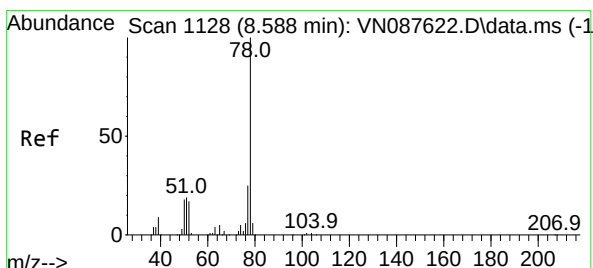
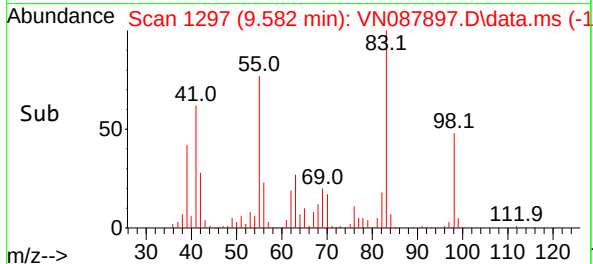
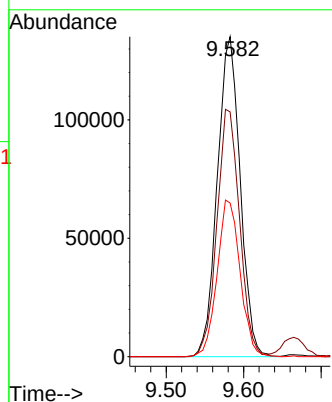
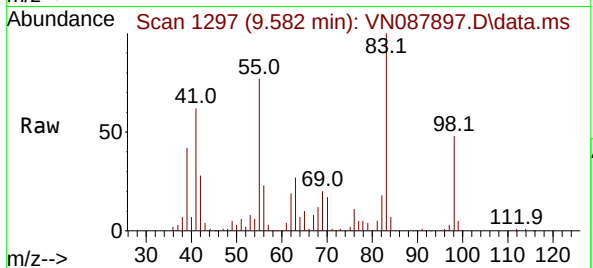
Tgt Ion: 83 Resp: 277639

Ion Ratio Lower Upper

83 100

55 76.5 64.6 96.8

98 48.0 38.4 57.6



#40

Benzene

Concen: 54.156 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN087897.D

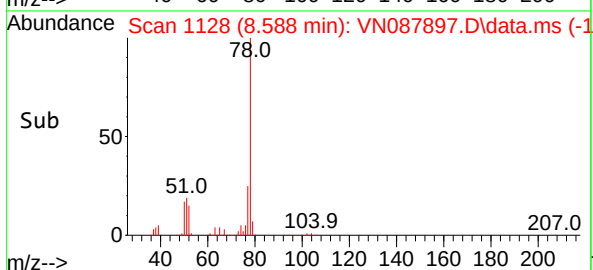
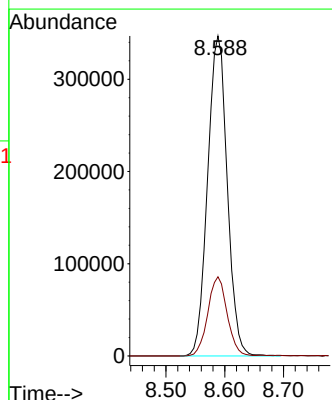
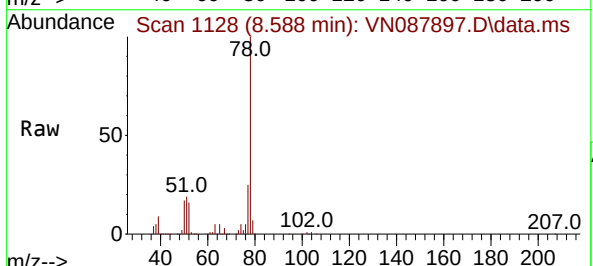
Acq: 18 Sep 2025 15:53

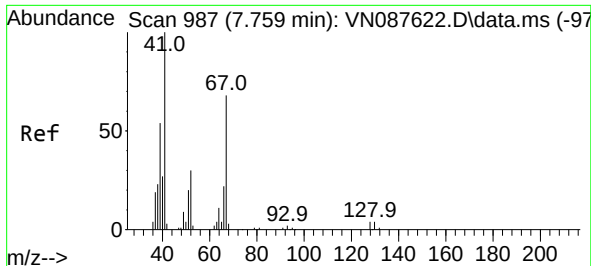
Tgt Ion: 78 Resp: 803375

Ion Ratio Lower Upper

78 100

77 24.7 19.7 29.5

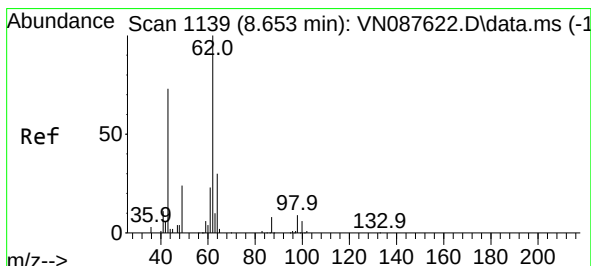
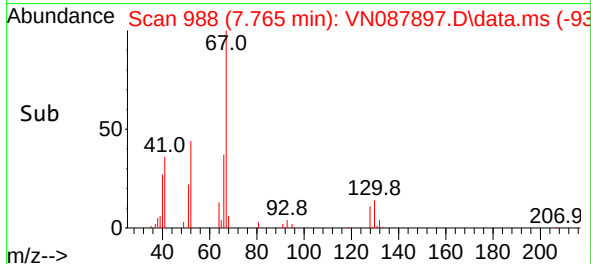
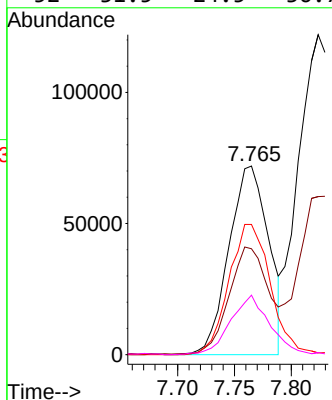
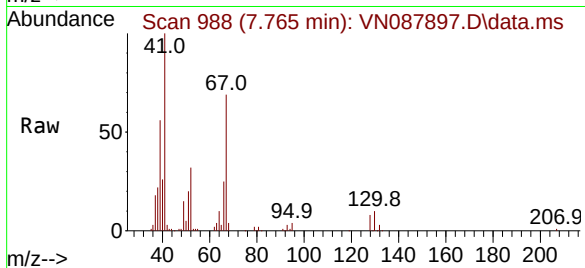




#41
Methacrylonitrile
Concen: 51.078 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087897.D
Acq: 18 Sep 2025 15:53

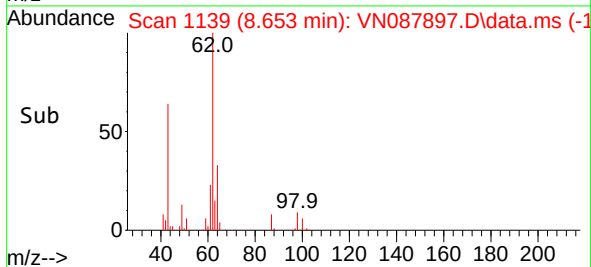
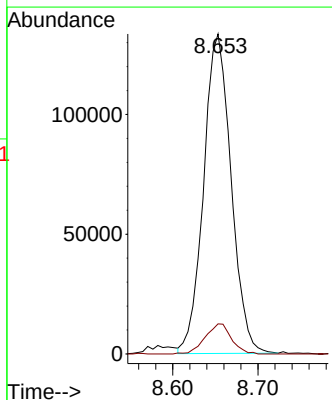
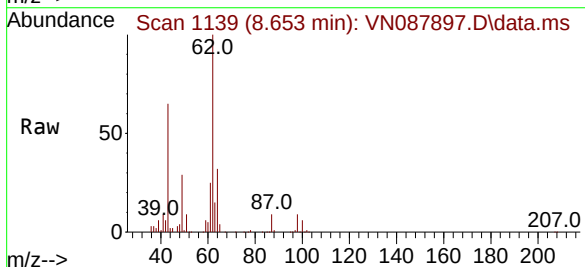
Instrument :
MSVOA_N
ClientSampleId :

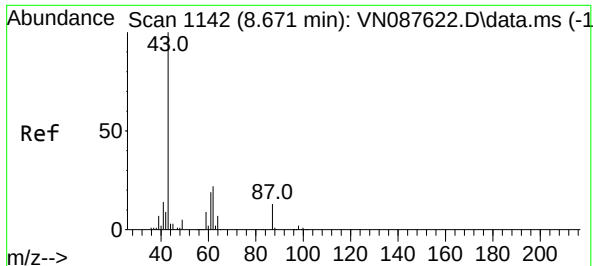
Tgt Ion: 41 Resp: 174867
Ion Ratio Lower Upper
41 100
39 56.1 45.4 68.0
67 72.7 55.3 82.9
52 31.5 24.5 36.7



#42
1,2-Dichloroethane
Concen: 52.504 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087897.D
Acq: 18 Sep 2025 15:53

Tgt Ion: 62 Resp: 299301
Ion Ratio Lower Upper
62 100
98 9.0 0.0 17.4

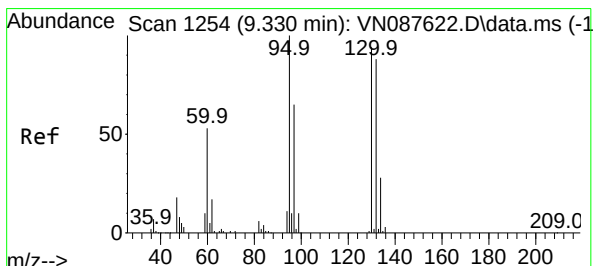
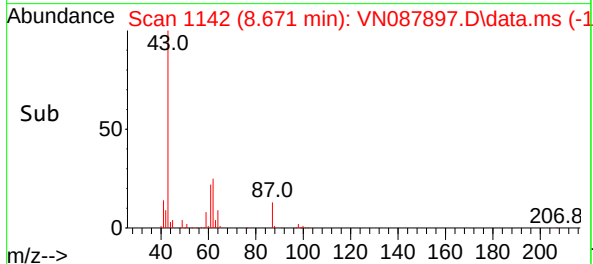
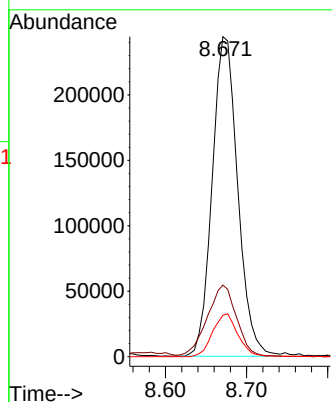
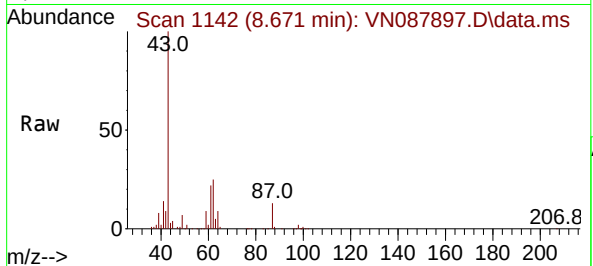




#43
Isopropyl Acetate
Concen: 51.698 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN087897.D
Acq: 18 Sep 2025 15:53

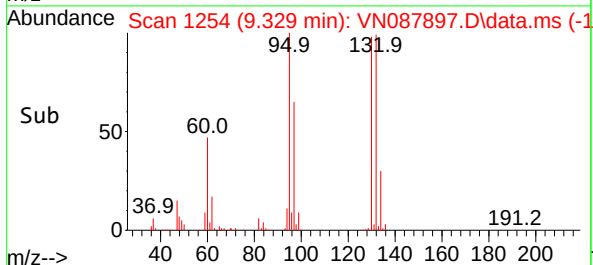
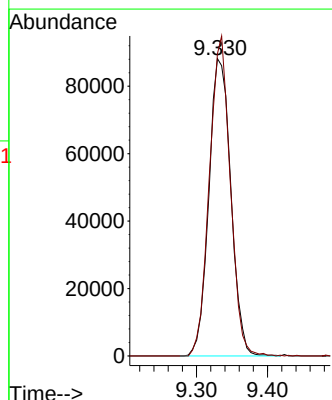
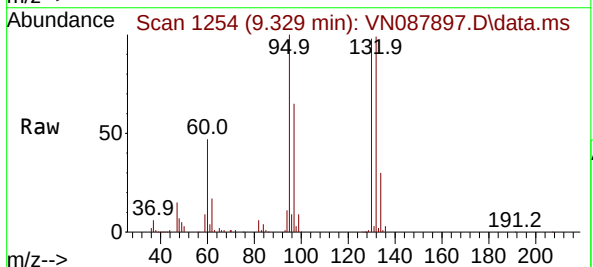
Instrument :
MSVOA_N
ClientSampleId :

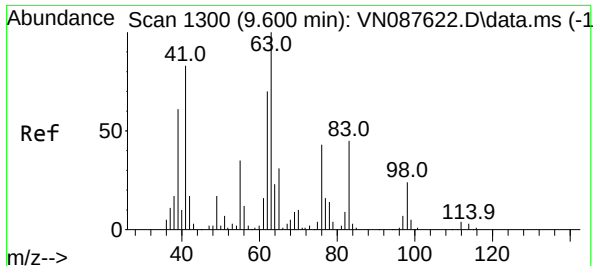
Tgt Ion: 43 Resp: 533446
Ion Ratio Lower Upper
43 100
61 25.8 18.8 28.2
87 13.4 9.6 14.4



#44
Trichloroethene
Concen: 56.039 ug/l
RT: 9.329 min Scan# 1254
Delta R.T. -0.000 min
Lab File: VN087897.D
Acq: 18 Sep 2025 15:53

Tgt Ion:130 Resp: 189794
Ion Ratio Lower Upper
130 100
95 101.8 0.0 212.0





#45

1,2-Dichloropropane

Concen: 52.258 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN087897.D

Acq: 18 Sep 2025 15:53

Instrument :

MSVOA_N

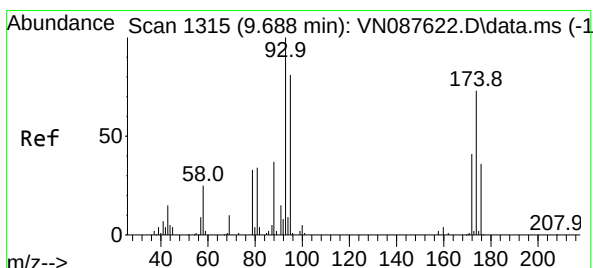
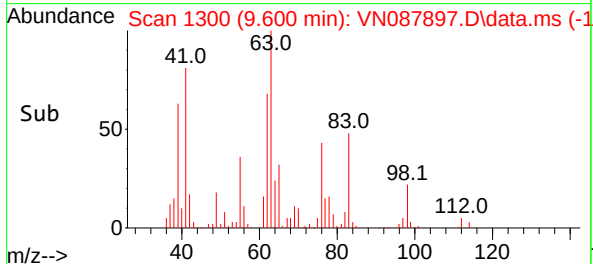
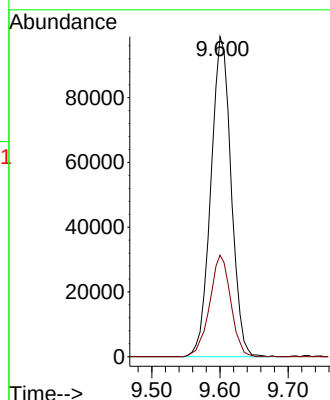
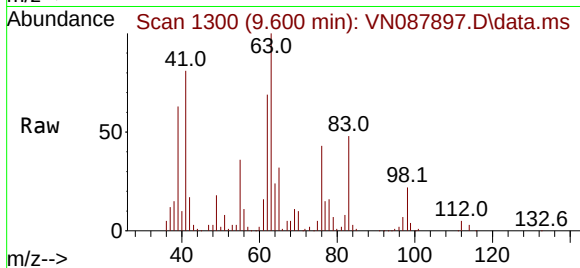
ClientSampleId :

Tgt Ion: 63 Resp: 204340

Ion Ratio Lower Upper

63 100

65 31.7 25.0 37.4



#46

Dibromomethane

Concen: 56.419 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN087897.D

Acq: 18 Sep 2025 15:53

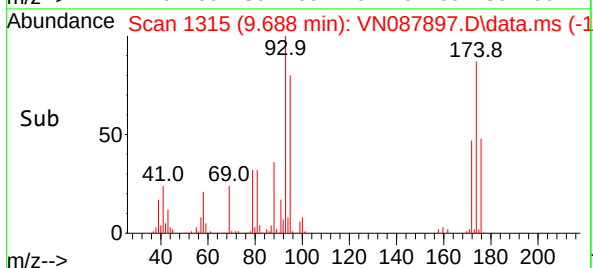
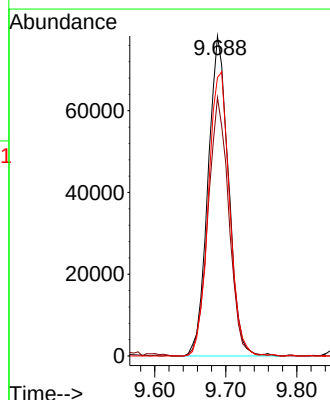
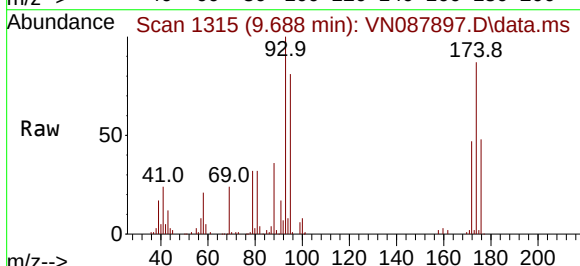
Tgt Ion: 93 Resp: 156991

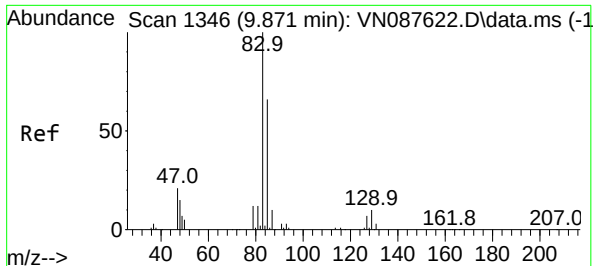
Ion Ratio Lower Upper

93 100

95 81.8 66.2 99.4

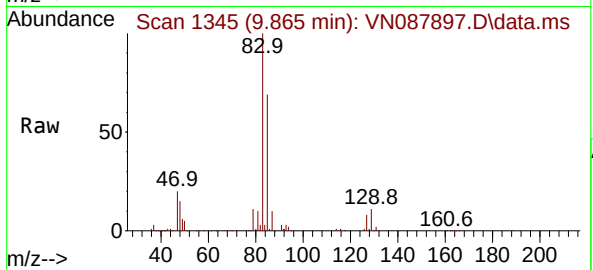
174 91.4 63.4 95.2



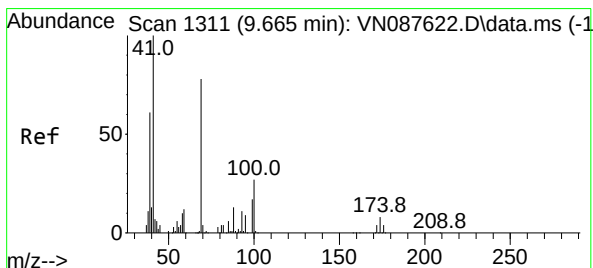
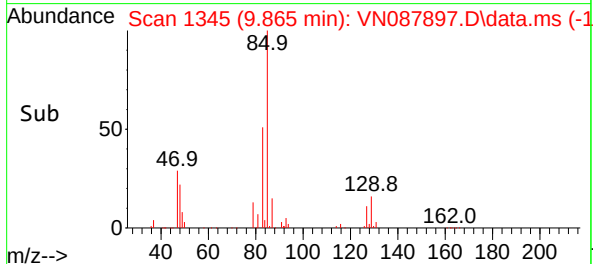
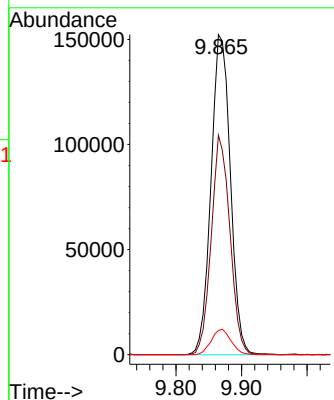


#47
Bromodichloromethane
Concen: 54.772 ug/l
RT: 9.865 min Scan# 1346
Delta R.T. -0.006 min
Lab File: VN087897.D
Acq: 18 Sep 2025 15:53

Instrument :
MSVOA_N
ClientSampleId :

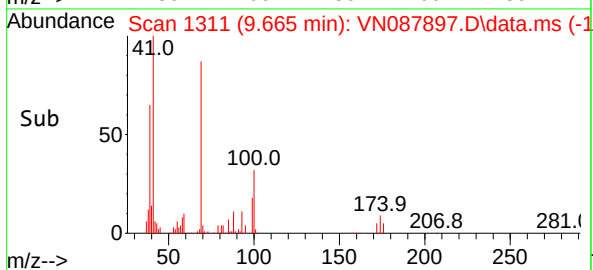
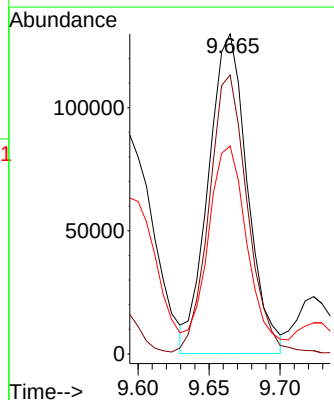
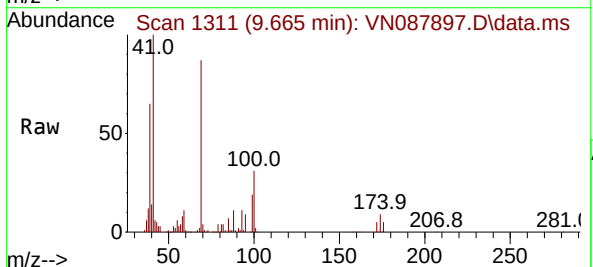


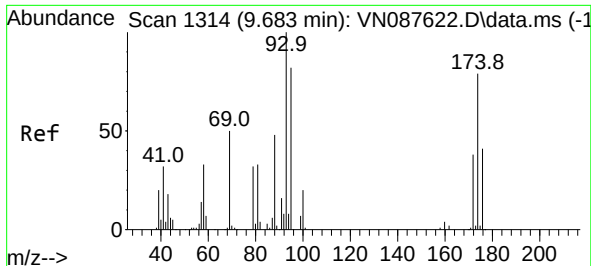
Tgt Ion: 83 Resp: 312350
Ion Ratio Lower Upper
83 100
85 68.6 52.5 78.7
127 7.6 5.8 8.6



#48
Methyl methacrylate
Concen: 50.922 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN087897.D
Acq: 18 Sep 2025 15:53

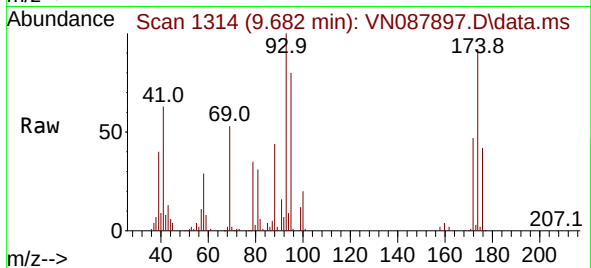
Tgt Ion: 41 Resp: 248536
Ion Ratio Lower Upper
41 100
69 85.9 62.7 94.1
39 66.5 52.9 79.3



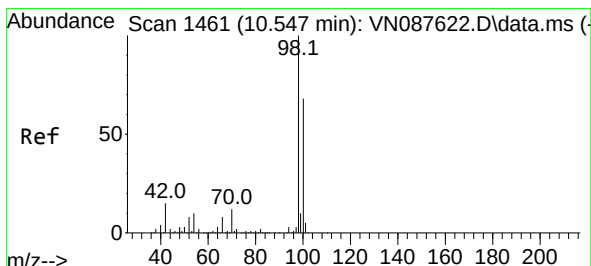
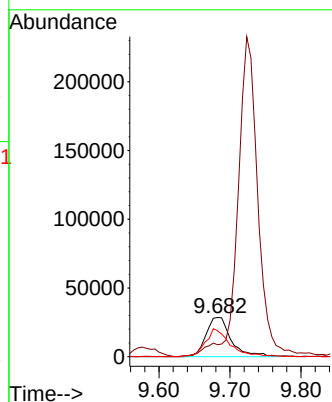
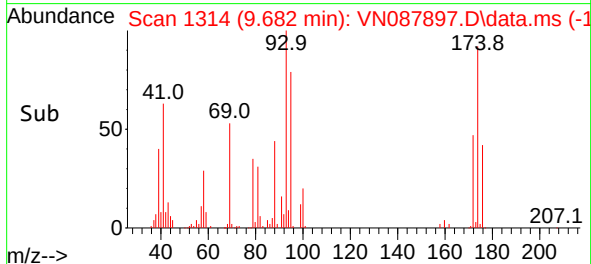


#49
1,4-Dioxane
Concen: 1110.173 ug/l
RT: 9.682 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087897.D
Acq: 18 Sep 2025 15:53

Instrument :
MSVOA_N
ClientSampleId :

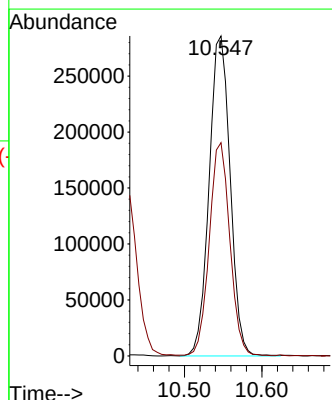
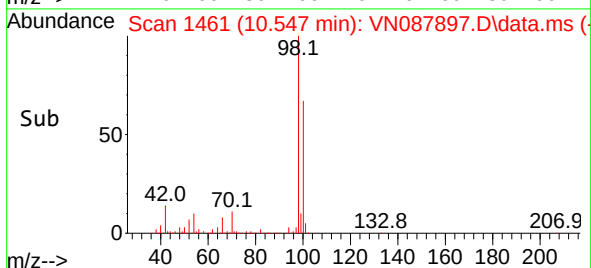
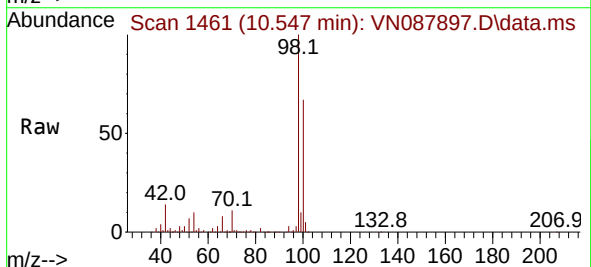


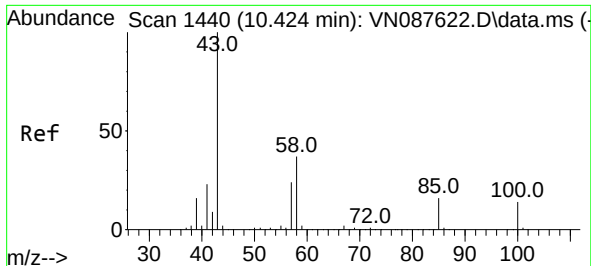
Tgt Ion: 88 Resp: 70230
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 70.0 57.9 86.9



#50
Toluene-d8
Concen: 45.810 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087897.D
Acq: 18 Sep 2025 15:53

Tgt Ion: 98 Resp: 540551
Ion Ratio Lower Upper
98 100
100 65.0 52.8 79.2

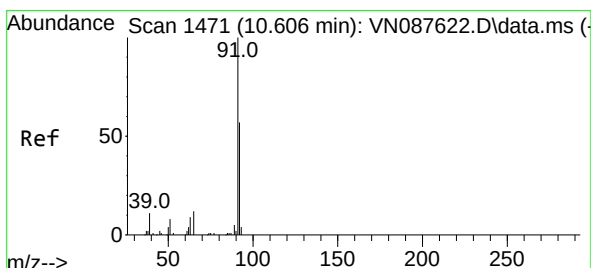
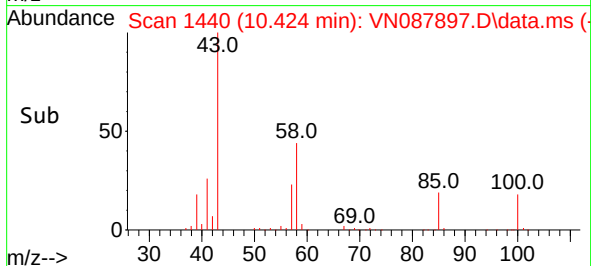
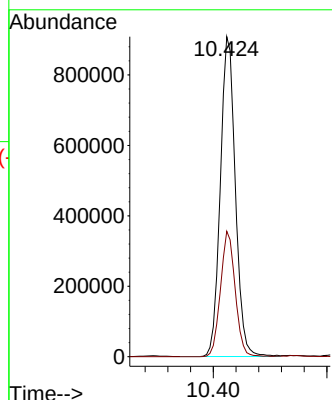
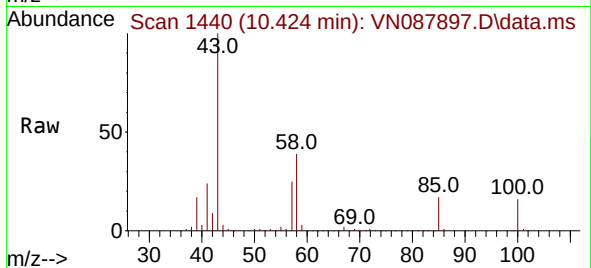




#51
4-Methyl-2-Pentanone
Concen: 268.989 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087897.D
Acq: 18 Sep 2025 15:53

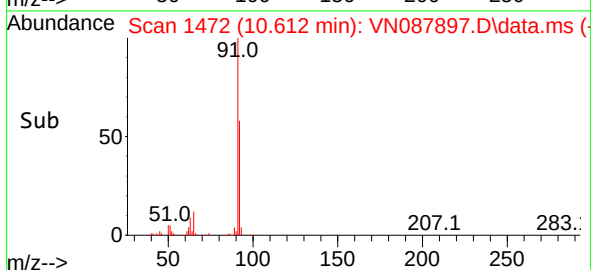
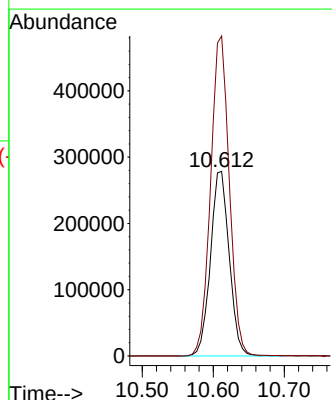
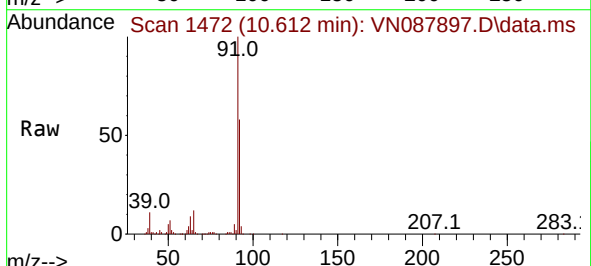
Instrument :
MSVOA_N
ClientSampleId :

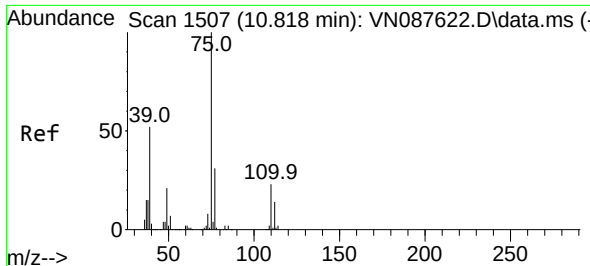
Tgt Ion: 43 Resp: 1674603
Ion Ratio Lower Upper
43 100
58 38.3 29.6 44.4



#52
Toluene
Concen: 55.441 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VN087897.D
Acq: 18 Sep 2025 15:53

Tgt Ion: 92 Resp: 509866
Ion Ratio Lower Upper
92 100
91 173.3 140.4 210.6

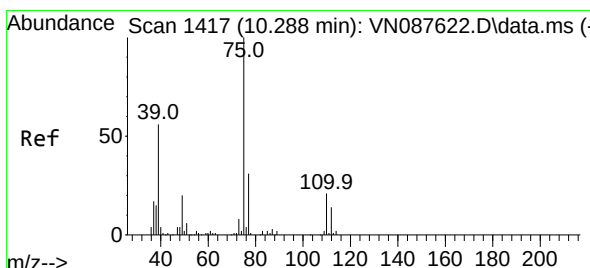
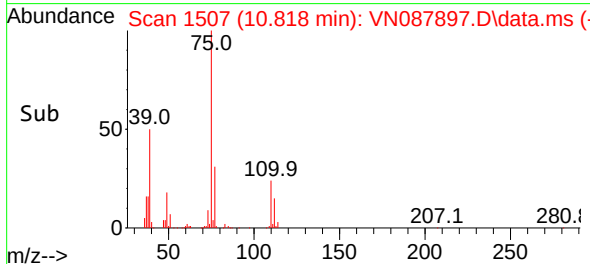
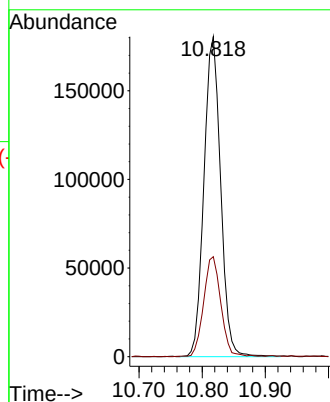
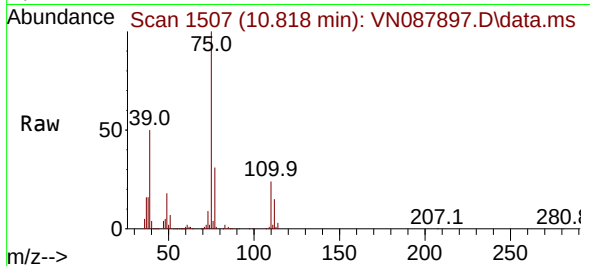




#53
 t-1,3-Dichloropropene
 Concen: 56.023 ug/l
 RT: 10.818 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN087897.D
 Acq: 18 Sep 2025 15:53

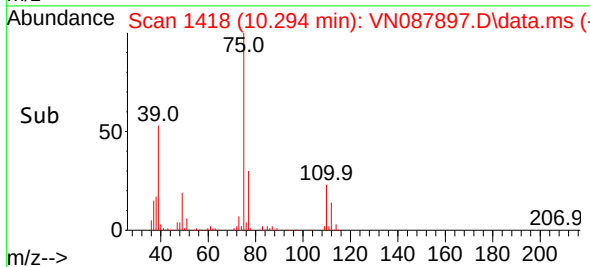
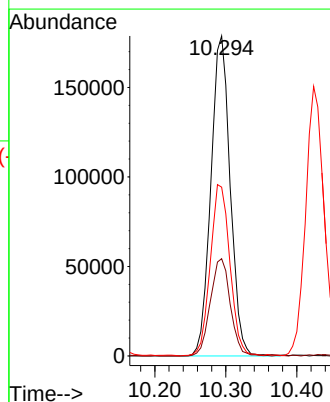
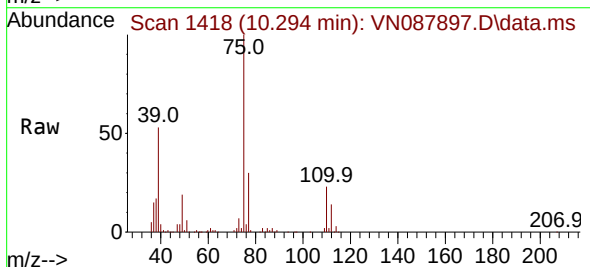
Instrument :
 MSVOA_N
 ClientSampleId :

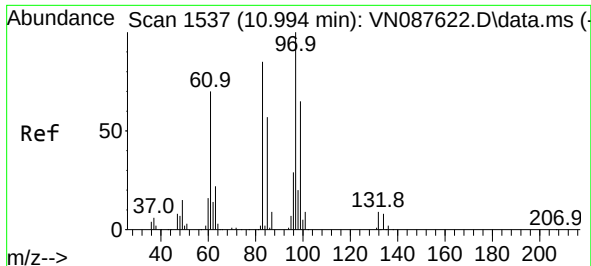
Tgt Ion: 75 Resp: 330701
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 55.022 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.006 min
 Lab File: VN087897.D
 Acq: 18 Sep 2025 15:53

Tgt Ion: 75 Resp: 337237
 Ion Ratio Lower Upper
 75 100
 77 30.4 24.6 37.0
 39 52.6 45.2 67.8

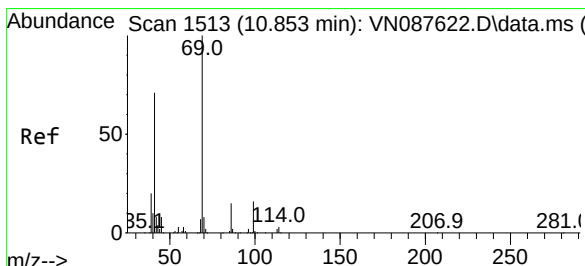
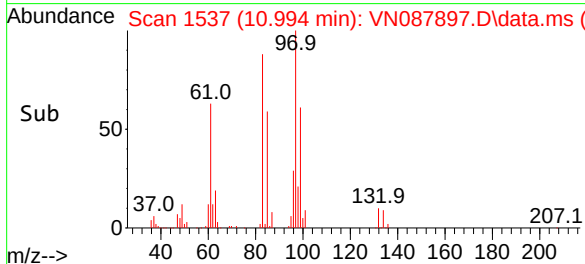
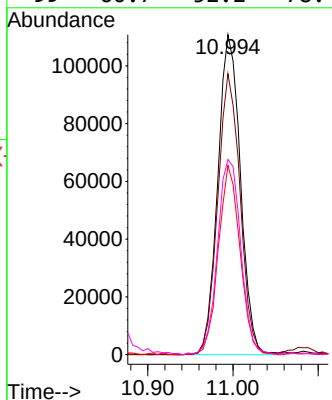
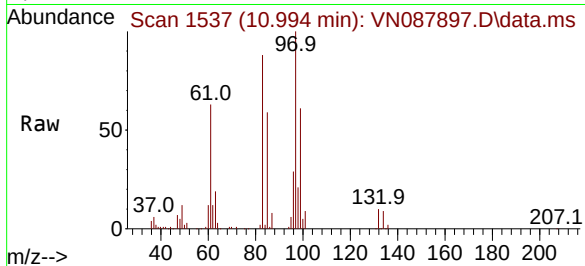




#55
 1,1,2-Trichloroethane
 Concen: 57.546 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. -0.000 min
 Lab File: VN087897.D
 Acq: 18 Sep 2025 15:53

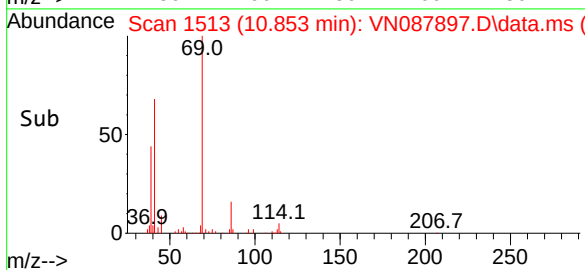
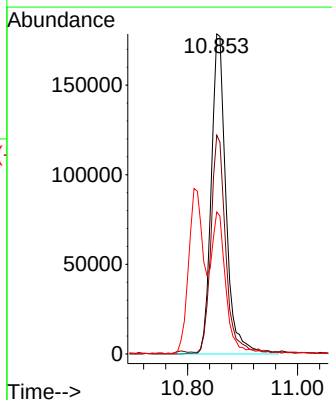
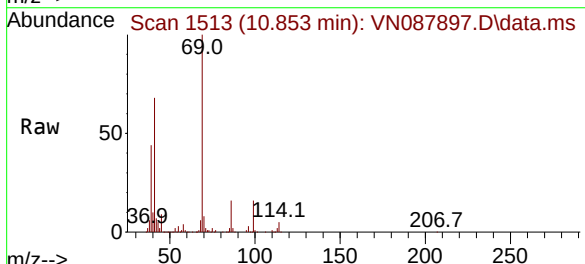
Instrument :
 MSVOA_N
 ClientSampleId :

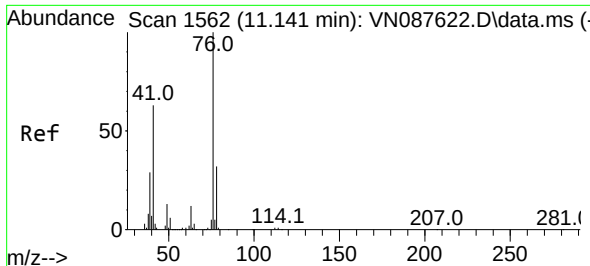
Tgt Ion:	97	Resp:	204728
Ion	Ratio	Lower	Upper
97	100		
83	87.8	68.2	102.4
85	59.1	45.5	68.3
99	60.7	52.2	78.4



#56
 Ethyl methacrylate
 Concen: 58.612 ug/l
 RT: 10.853 min Scan# 1513
 Delta R.T. -0.000 min
 Lab File: VN087897.D
 Acq: 18 Sep 2025 15:53

Tgt Ion:	69	Resp:	333238
Ion	Ratio	Lower	Upper
69	100		
41	67.3	56.5	84.7
39	42.7	34.2	51.4





#57

1,3-Dichloropropane

Concen: 55.809 ug/l

RT: 11.141 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087897.D

Acq: 18 Sep 2025 15:53

Instrument :

MSVOA_N

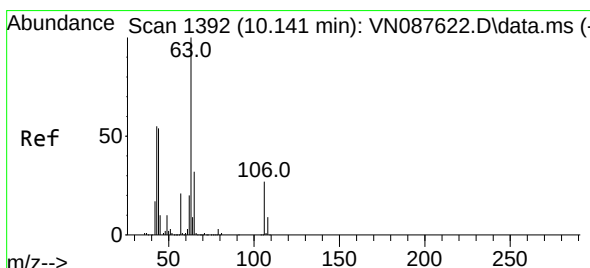
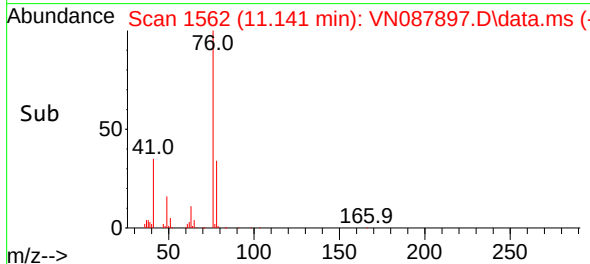
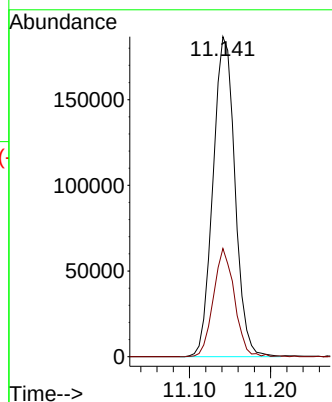
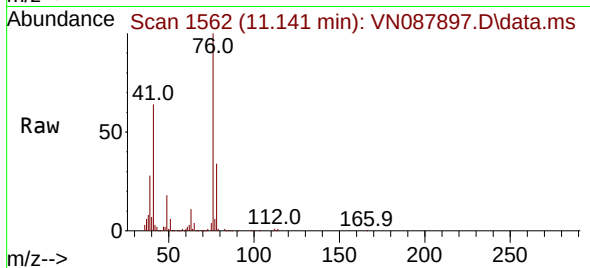
ClientSampleId :

Tgt Ion: 76 Resp: 351386

Ion Ratio Lower Upper

76 100

78 32.3 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 249.257 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VN087897.D

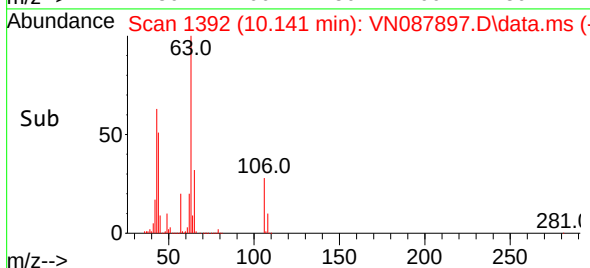
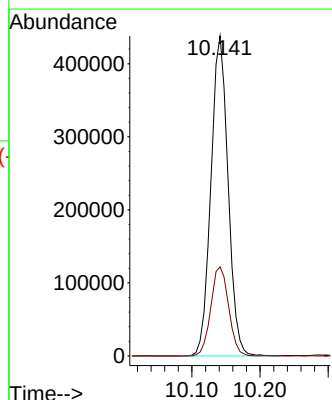
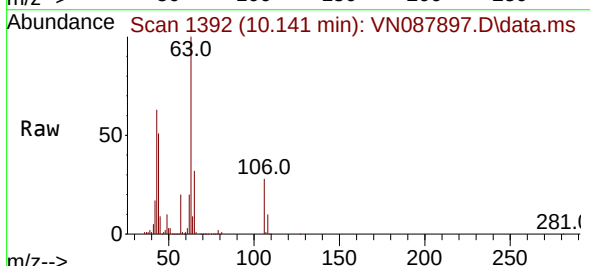
Acq: 18 Sep 2025 15:53

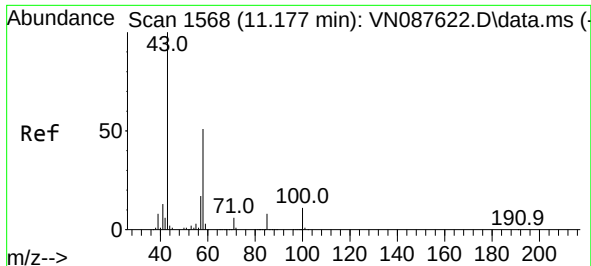
Tgt Ion: 63 Resp: 767039

Ion Ratio Lower Upper

63 100

106 28.9 21.1 31.7

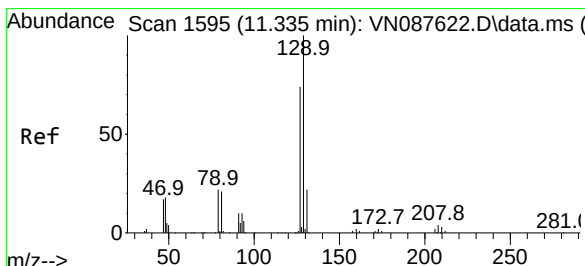
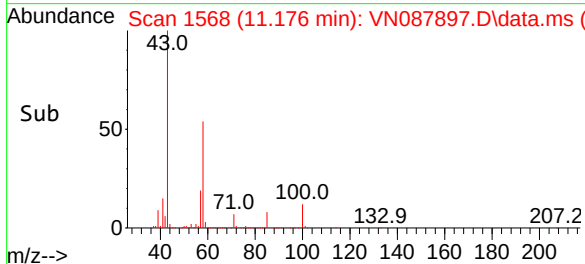
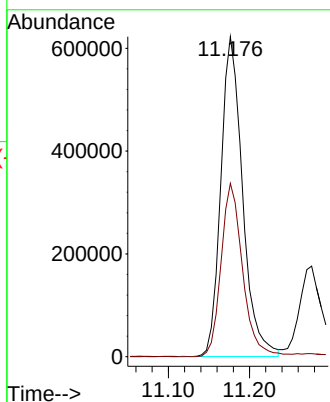
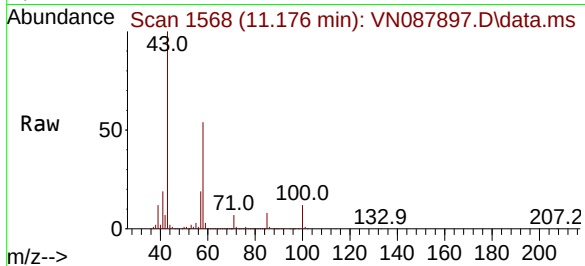




#59
2-Hexanone
Concen: 294.795 ug/l
RT: 11.176 min Scan# 1159884
Delta R.T. -0.000 min
Lab File: VN087897.D
Acq: 18 Sep 2025 15:53

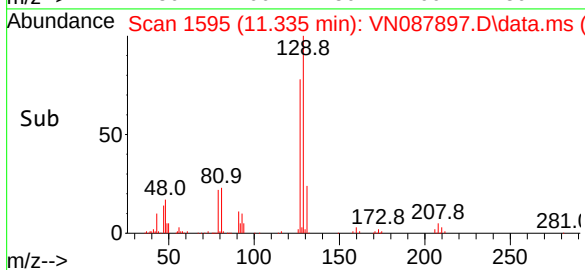
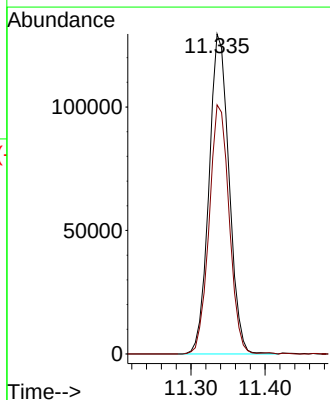
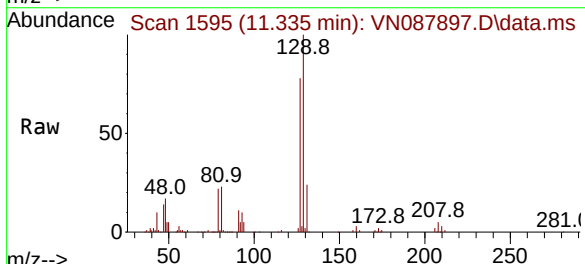
Instrument :
MSVOA_N
ClientSampleId :

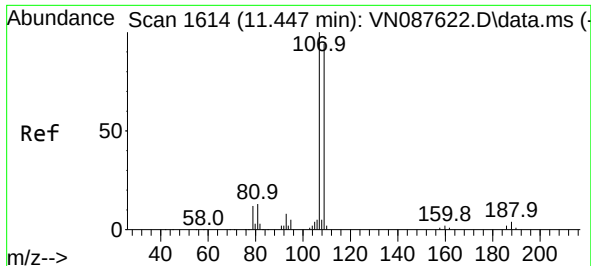
Tgt Ion: 43 Resp: 1159884
Ion Ratio Lower Upper
43 100
58 53.8 25.9 77.8



#60
Dibromochloromethane
Concen: 59.046 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN087897.D
Acq: 18 Sep 2025 15:53

Tgt Ion:129 Resp: 243398
Ion Ratio Lower Upper
129 100
127 77.5 39.1 117.3

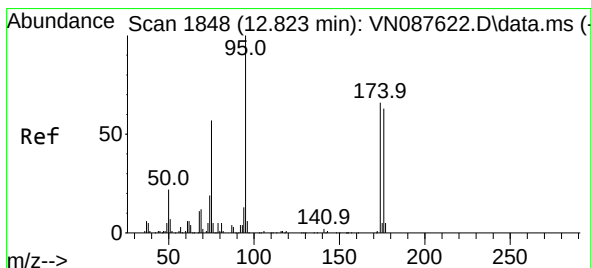
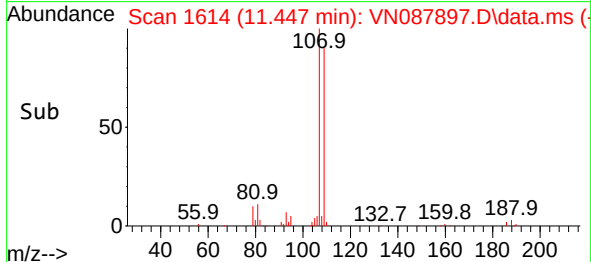
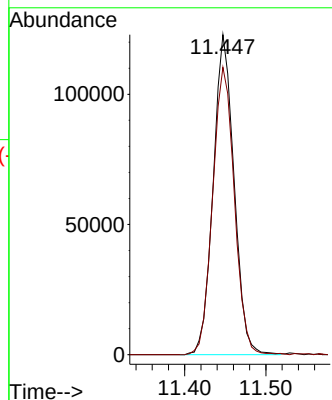
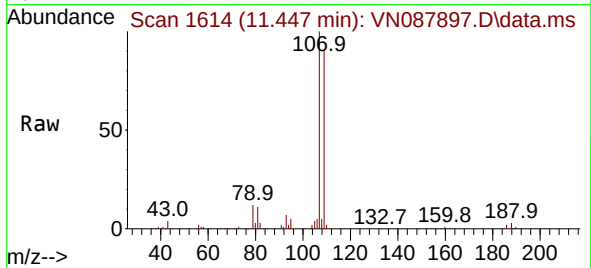




#61
1,2-Dibromoethane
Concen: 58.445 ug/l
RT: 11.447 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087897.D
Acq: 18 Sep 2025 15:53

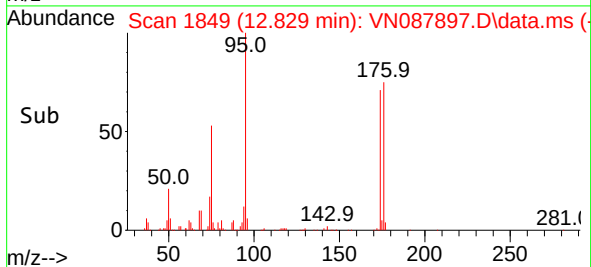
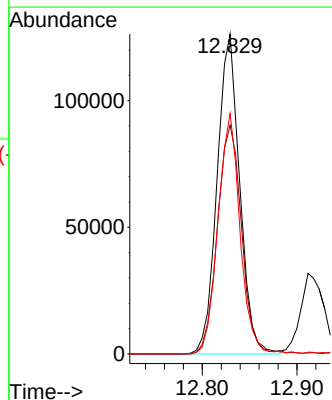
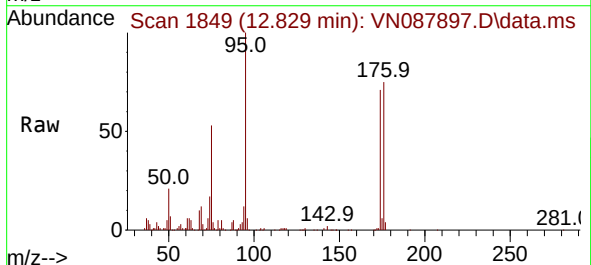
Instrument :
MSVOA_N
ClientSampleId :

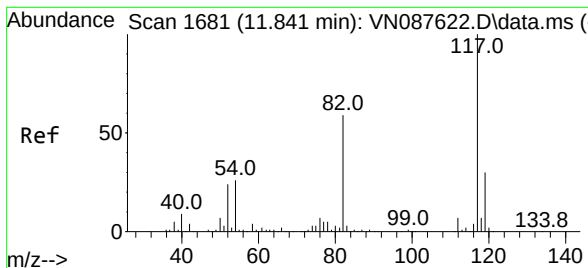
Tgt Ion:107 Resp: 219245
Ion Ratio Lower Upper
107 100
109 93.6 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 49.811 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087897.D
Acq: 18 Sep 2025 15:53

Tgt Ion: 95 Resp: 209025
Ion Ratio Lower Upper
95 100
174 76.6 0.0 138.4
176 73.6 0.0 132.6

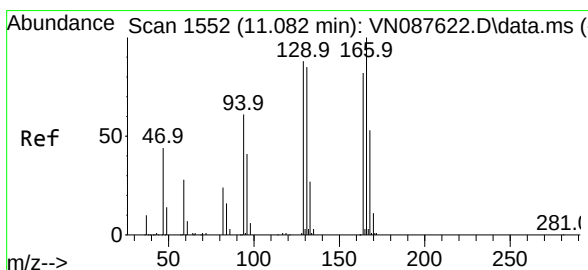
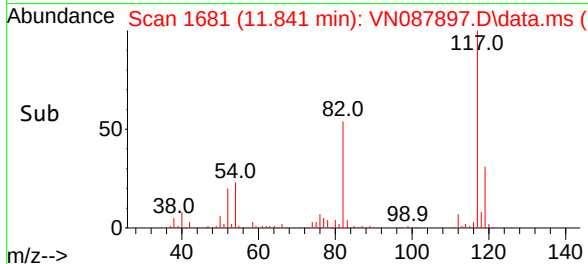
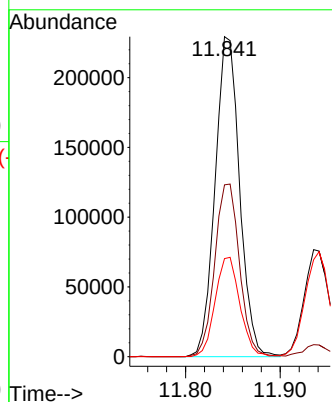
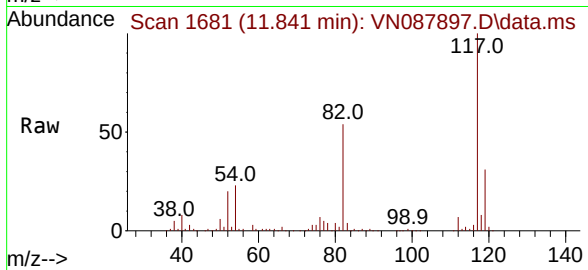




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087897.D
Acq: 18 Sep 2025 15:53

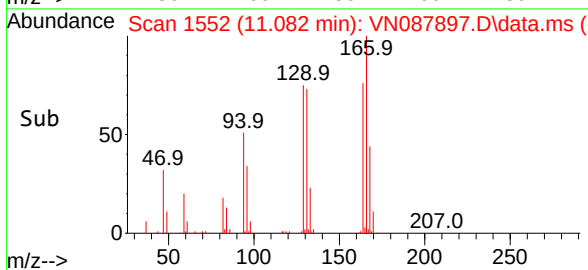
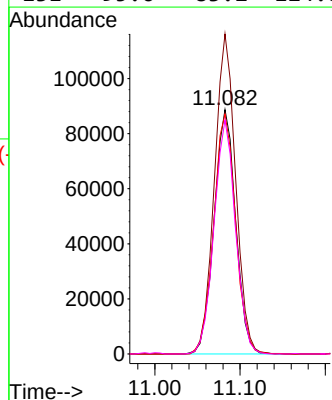
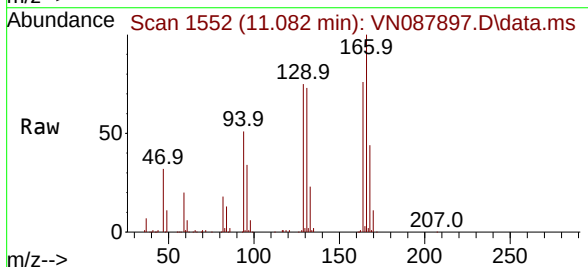
Instrument :
MSVOA_N
ClientSampleId :

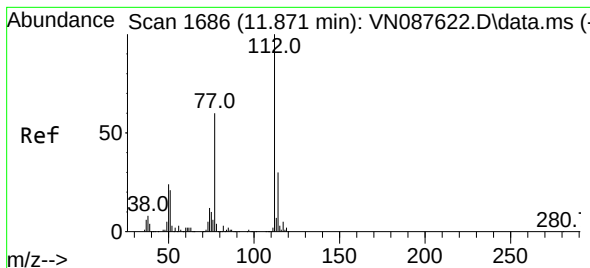
Tgt Ion:117 Resp: 413037
Ion Ratio Lower Upper
117 100
82 53.7 47.4 71.2
119 30.7 24.3 36.5



#64
Tetrachloroethene
Concen: 54.503 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN087897.D
Acq: 18 Sep 2025 15:53

Tgt Ion:164 Resp: 156183
Ion Ratio Lower Upper
164 100
166 131.0 97.7 146.5
129 98.1 85.9 128.9
131 95.6 83.2 124.8





#65

Chlorobenzene

Concen: 55.903 ug/l

RT: 11.871 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087897.D

Acq: 18 Sep 2025 15:53

Instrument :

MSVOA_N

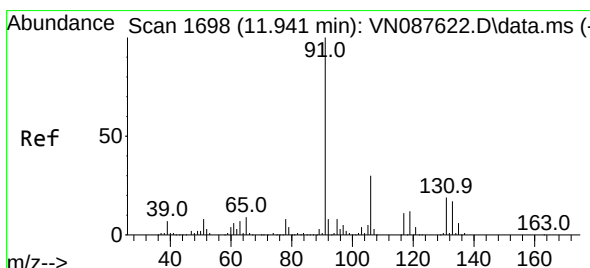
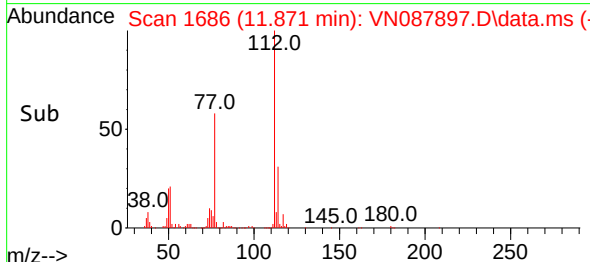
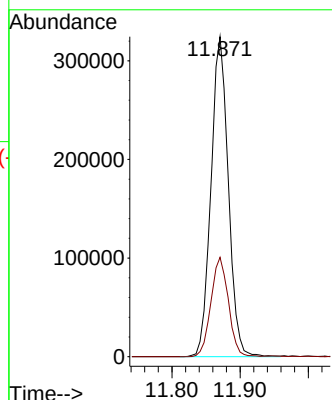
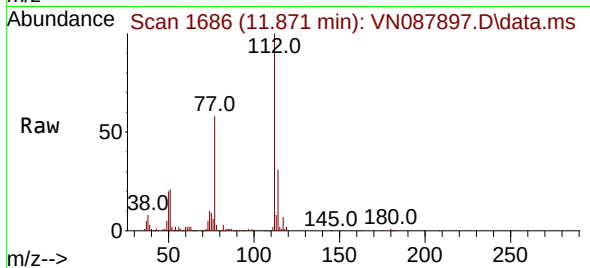
ClientSampleId :

Tgt Ion:112 Resp: 574448

Ion Ratio Lower Upper

112 100

114 31.1 24.3 36.5



#66

1,1,1,2-Tetrachloroethane

Concen: 60.892 ug/l

RT: 11.941 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VN087897.D

Acq: 18 Sep 2025 15:53

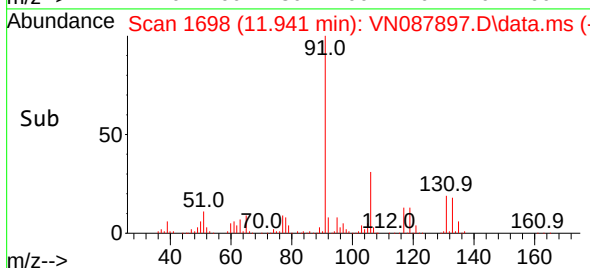
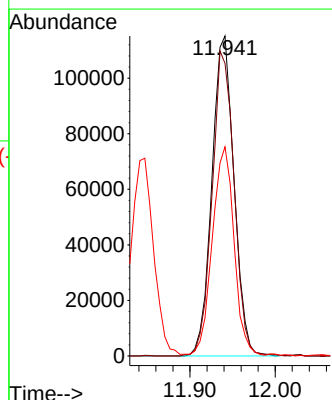
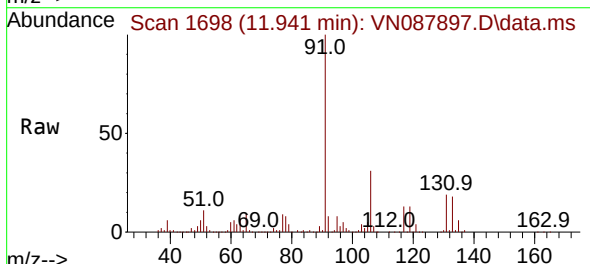
Tgt Ion:131 Resp: 207728

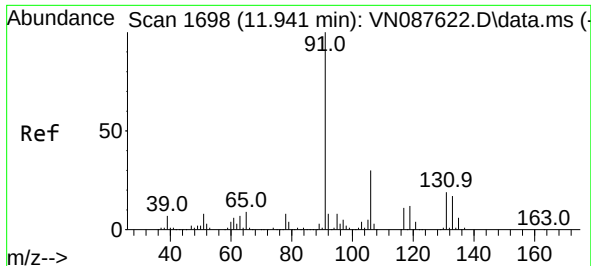
Ion Ratio Lower Upper

131 100

133 94.7 48.0 144.0

119 63.7 32.6 97.7

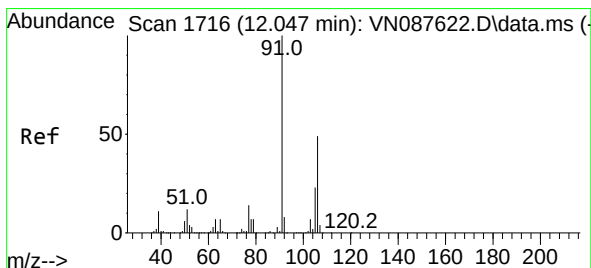
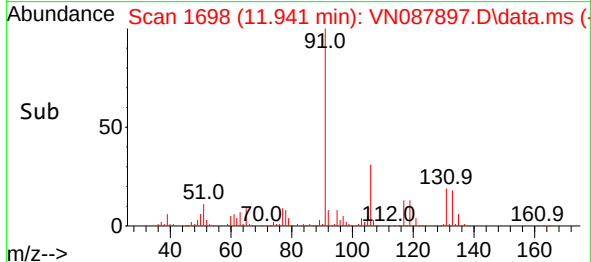
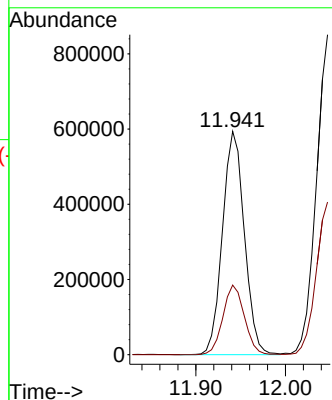
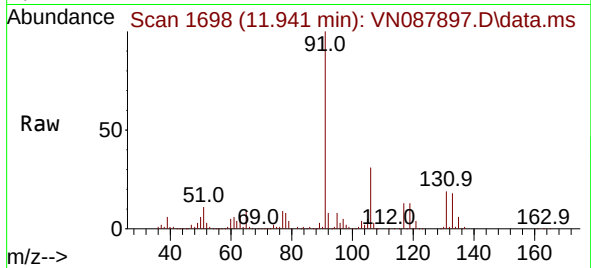




#67
Ethyl Benzene
Concen: 56.540 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087897.D
Acq: 18 Sep 2025 15:53

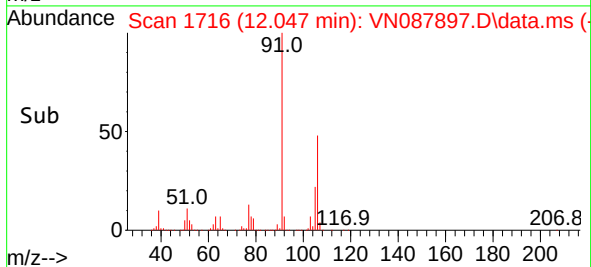
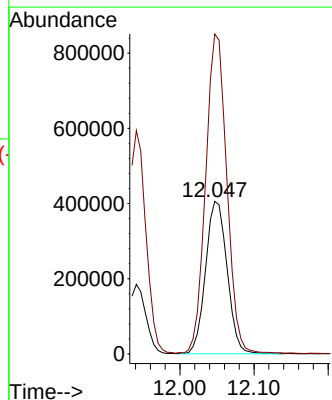
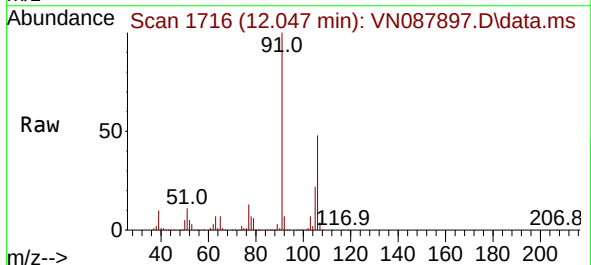
Instrument :
MSVOA_N
ClientSampleId :

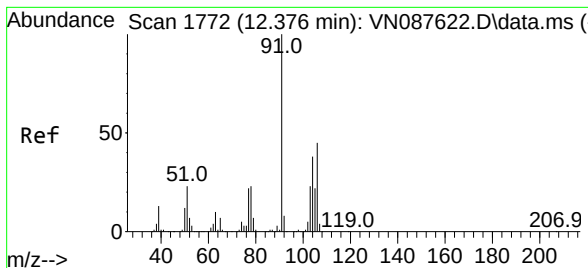
Tgt Ion: 91 Resp: 1005930
Ion Ratio Lower Upper
91 100
106 31.2 24.1 36.1



#68
m/p-Xylenes
Concen: 125.651 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN087897.D
Acq: 18 Sep 2025 15:53

Tgt Ion:106 Resp: 819867
Ion Ratio Lower Upper
106 100
91 206.2 169.3 253.9

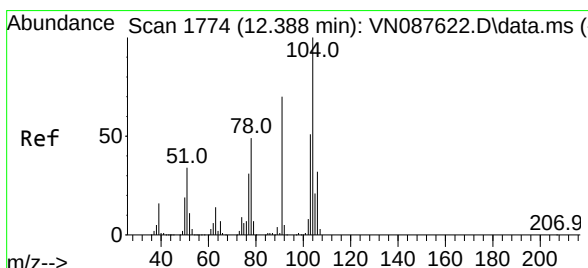
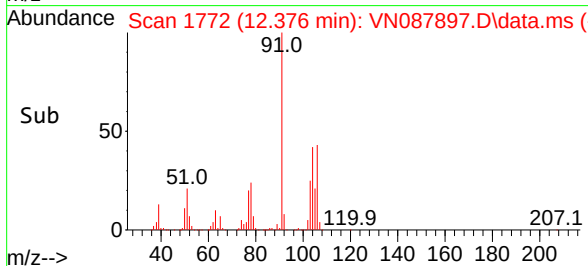
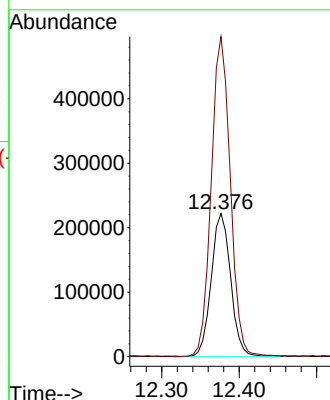
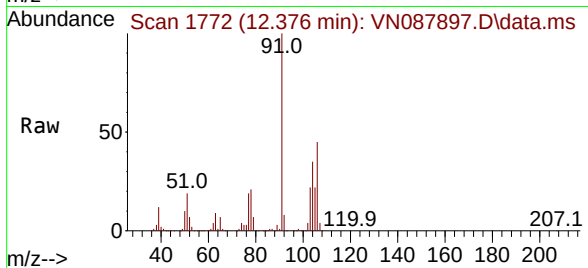




#69
o-Xylene
Concen: 60.527 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087897.D
Acq: 18 Sep 2025 15:53

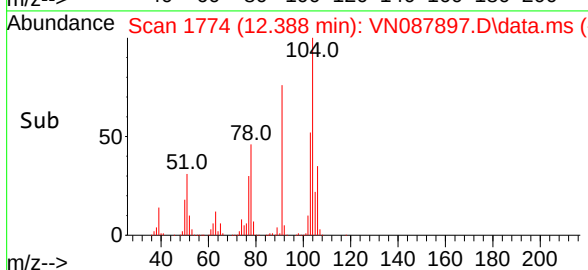
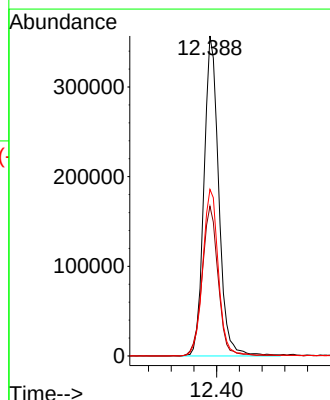
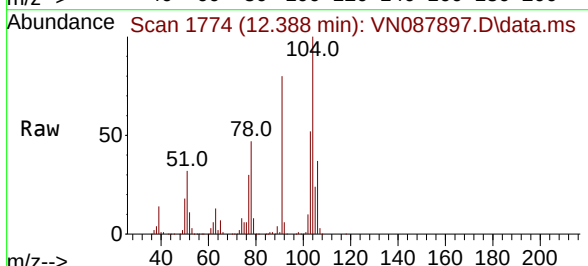
Instrument :
MSVOA_N
ClientSampleId :

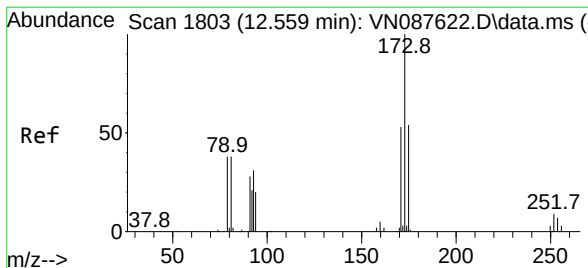
Tgt Ion:106 Resp: 387040
Ion Ratio Lower Upper
106 100
91 219.1 111.4 334.2



#70
Styrene
Concen: 60.198 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN087897.D
Acq: 18 Sep 2025 15:53

Tgt Ion:104 Resp: 644890
Ion Ratio Lower Upper
104 100
78 50.5 42.2 63.2
103 55.1 43.4 65.2





#71

Bromoform

Concen: 64.920 ug/l

RT: 12.559 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087897.D

Acq: 18 Sep 2025 15:53

Instrument :

MSVOA_N

ClientSampleId :

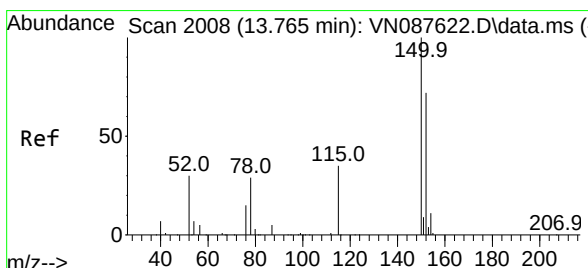
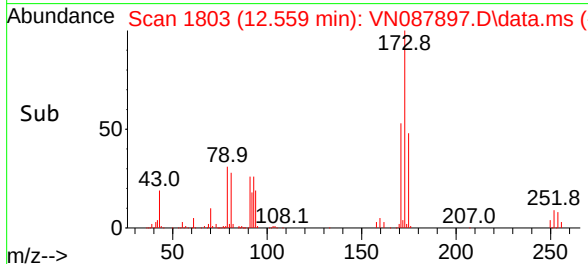
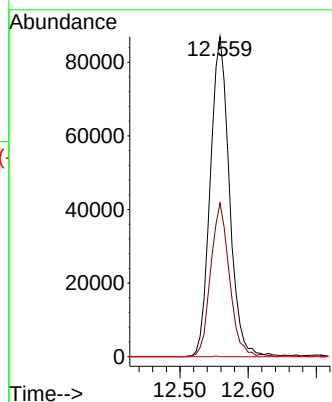
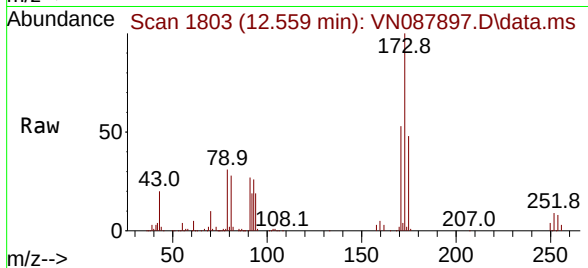
Tgt Ion:173 Resp: 169849

Ion Ratio Lower Upper

173 100

175 47.2 24.9 74.6

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.770 min Scan# 2009

Delta R.T. 0.006 min

Lab File: VN087897.D

Acq: 18 Sep 2025 15:53

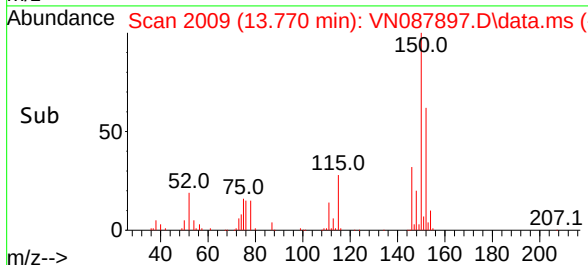
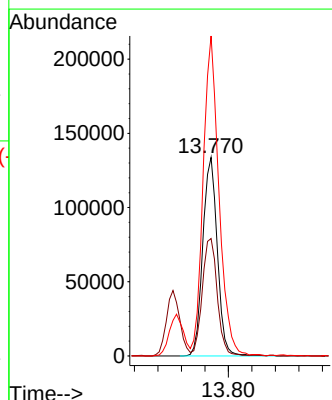
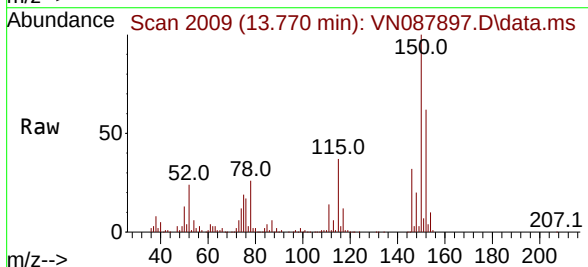
Tgt Ion:152 Resp: 229158

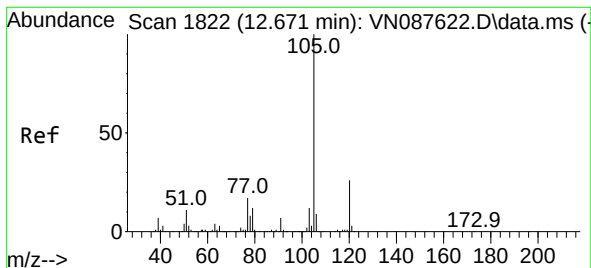
Ion Ratio Lower Upper

152 100

115 60.3 32.3 96.8

150 174.9 0.0 351.0





#73

Isopropylbenzene

Concen: 50.424 ug/l

RT: 12.676 min Scan# 1822

Delta R.T. 0.006 min

Lab File: VN087897.D

Acq: 18 Sep 2025 15:53

Instrument :

MSVOA_N

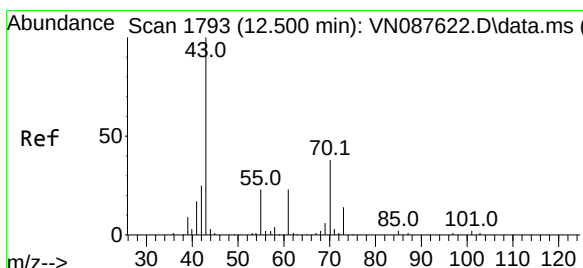
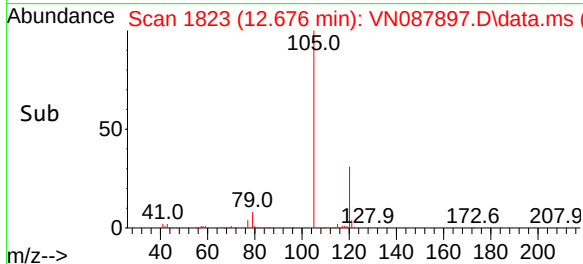
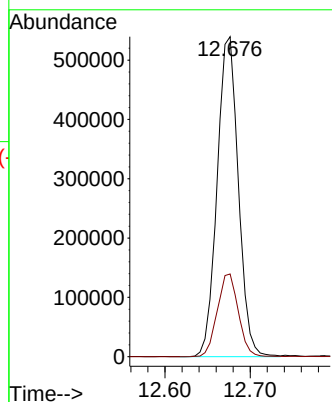
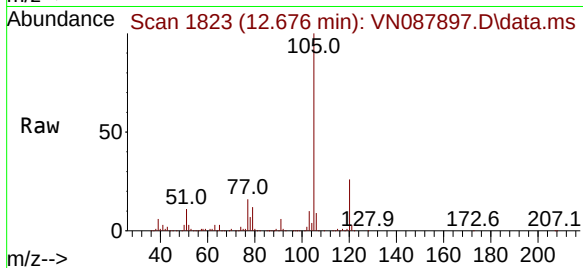
ClientSampleId :

Tgt Ion:105 Resp: 933731

Ion Ratio Lower Upper

105 100

120 25.6 12.8 38.3



#74

N-ethyl acetate

Concen: 27.799 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN087897.D

Acq: 18 Sep 2025 15:53

Tgt Ion: 43 Resp: 195080

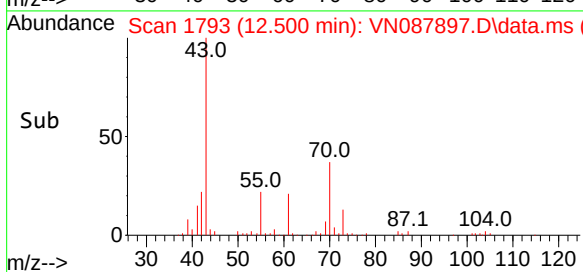
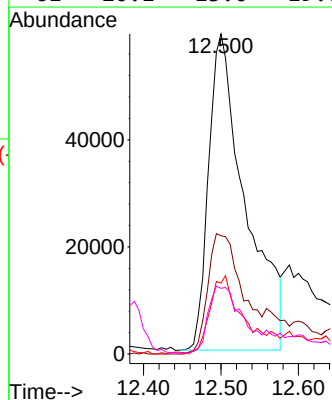
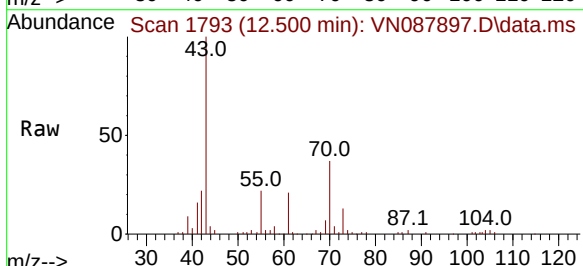
Ion Ratio Lower Upper

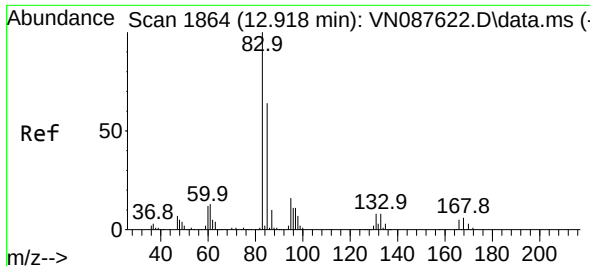
43 100

70 36.2 27.6 41.4

55 20.7 13.0 19.6#

61 20.1 13.0 19.6#

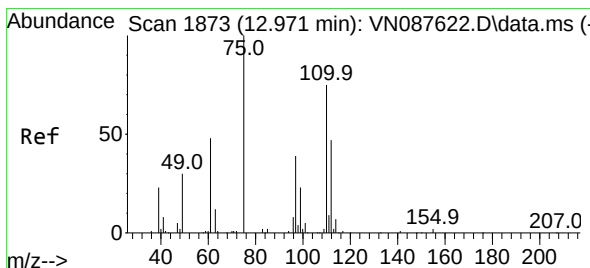
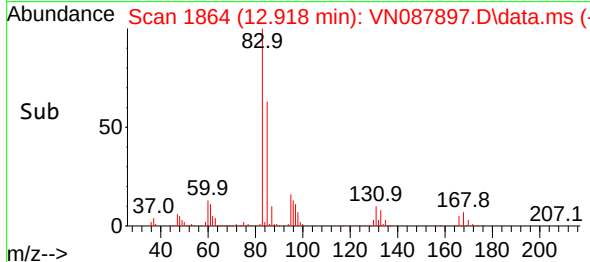
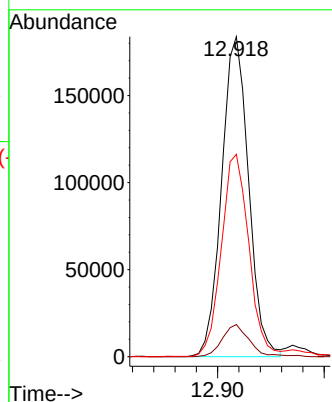
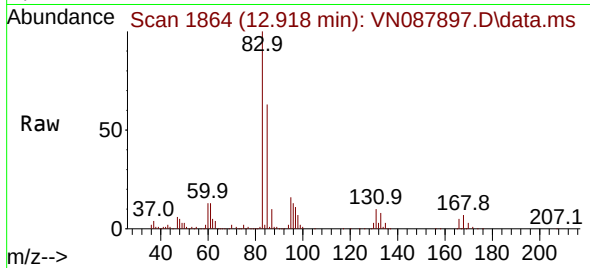




#75
1,1,2-Tetrachloroethane
Concen: 50.698 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN087897.D
Acq: 18 Sep 2025 15:53

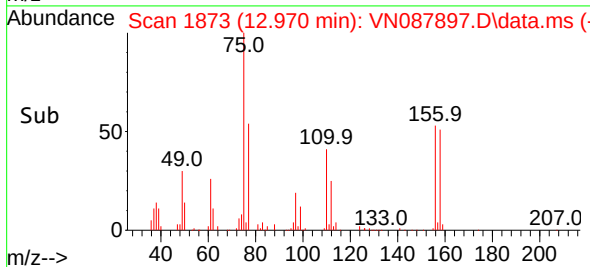
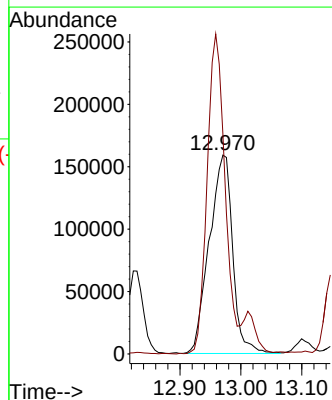
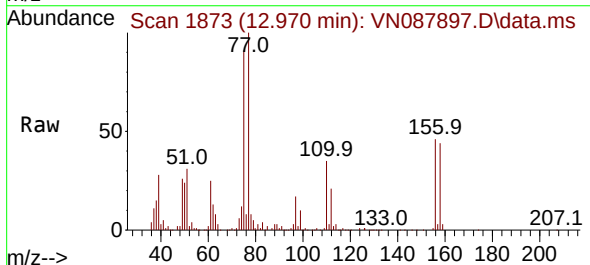
Instrument :
MSVOA_N
ClientSampleId :

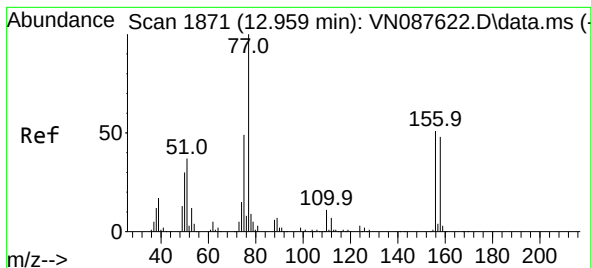
Tgt Ion: 83 Resp: 323212
Ion Ratio Lower Upper
83 100
131 10.1 4.8 14.4
85 64.1 32.1 96.3



#76
1,2,3-Trichloropropane
Concen: 78.922 ug/l
RT: 12.970 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN087897.D
Acq: 18 Sep 2025 15:53

Tgt Ion: 75 Resp: 424116
Ion Ratio Lower Upper
75 100
77 124.6 89.1 267.4





#77

Bromobenzene

Concen: 54.543 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. -0.000 min

Lab File: VN087897.D

Acq: 18 Sep 2025 15:53

Instrument :

MSVOA_N

ClientSampleId :

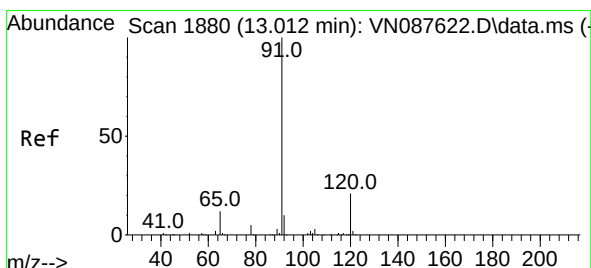
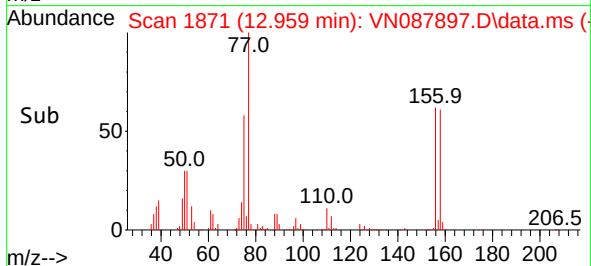
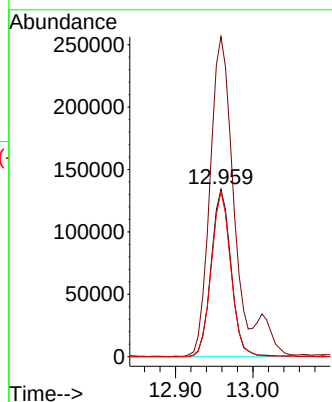
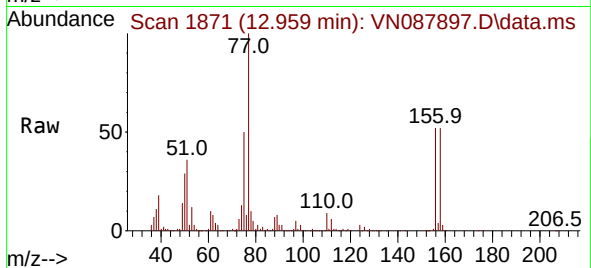
Tgt Ion:156 Resp: 238139

Ion Ratio Lower Upper

156 100

77 221.9 119.3 358.0

158 97.5 48.2 144.6



#78

n-propylbenzene

Concen: 50.662 ug/l

RT: 13.012 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VN087897.D

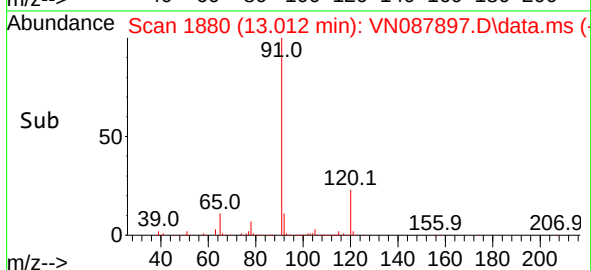
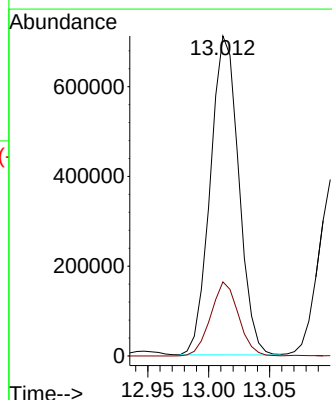
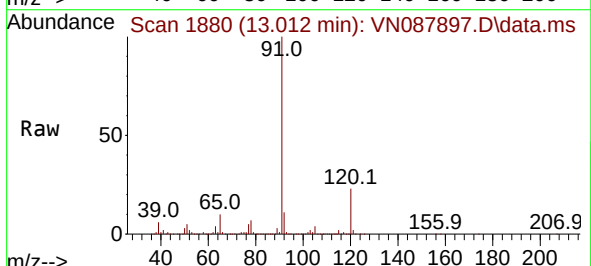
Acq: 18 Sep 2025 15:53

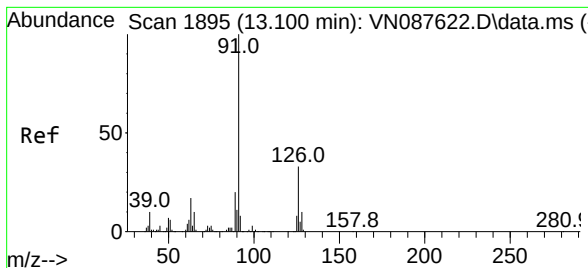
Tgt Ion: 91 Resp: 1155535

Ion Ratio Lower Upper

91 100

120 22.7 10.7 32.1

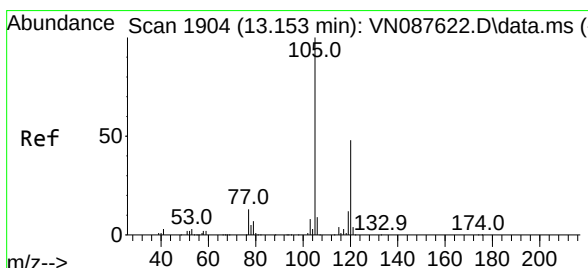
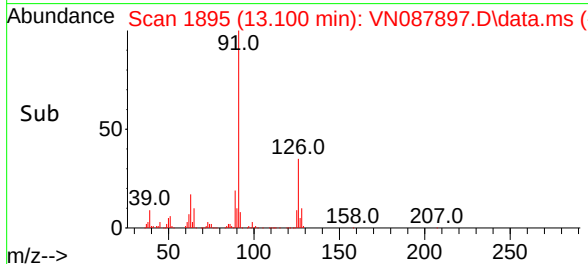
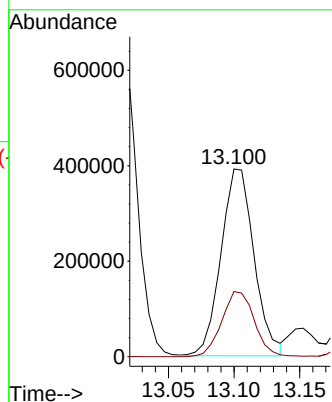
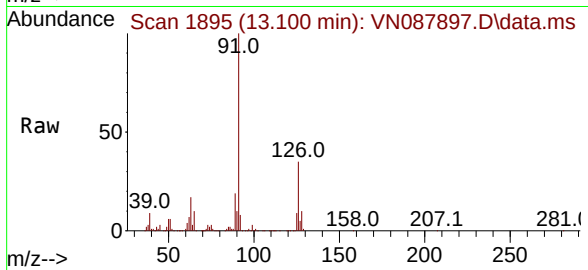




#79
2-Chlorotoluene
Concen: 50.153 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VN087897.D
Acq: 18 Sep 2025 15:53

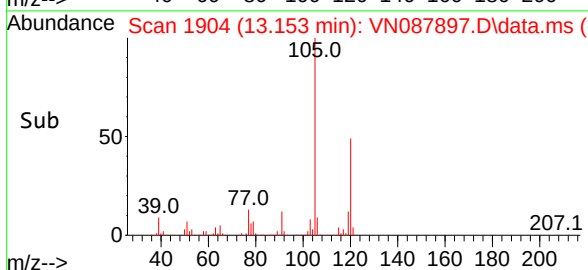
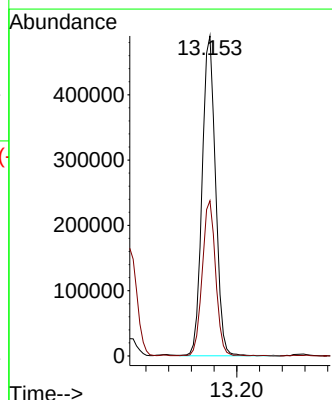
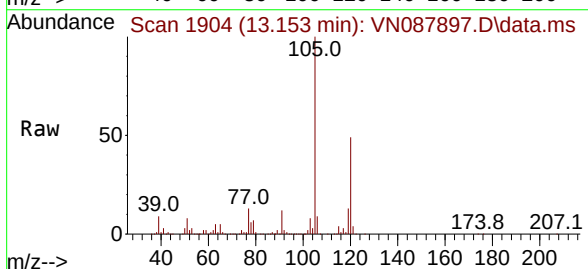
Instrument :
MSVOA_N
ClientSampleId :

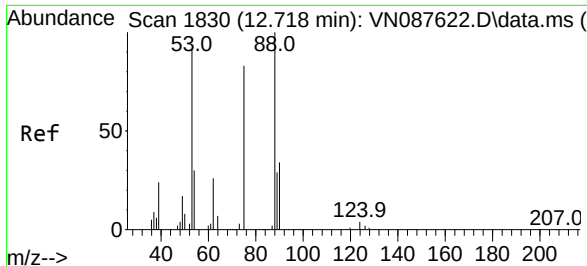
Tgt Ion: 91 Resp: 688408
Ion Ratio Lower Upper
91 100
126 34.4 16.1 48.3



#80
1,3,5-Trimethylbenzene
Concen: 50.996 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN087897.D
Acq: 18 Sep 2025 15:53

Tgt Ion:105 Resp: 801081
Ion Ratio Lower Upper
105 100
120 48.1 23.2 69.6

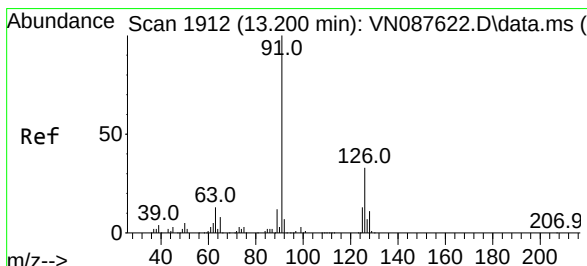
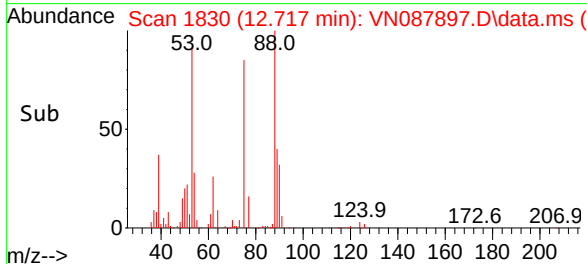
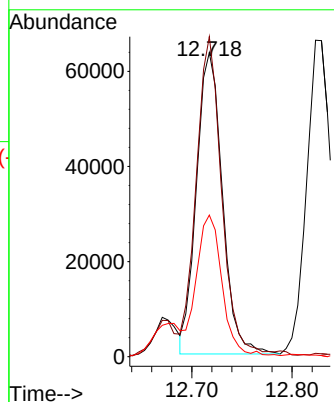
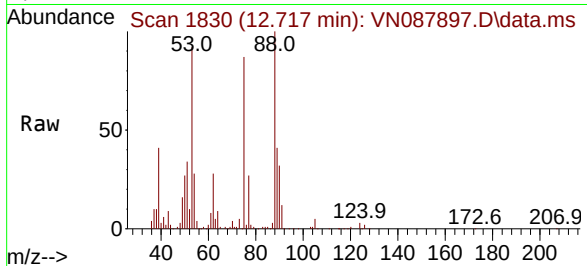




#81
trans-1,4-Dichloro-2-butene
Concen: 56.184 ug/l
RT: 12.717 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087897.D
Acq: 18 Sep 2025 15:53

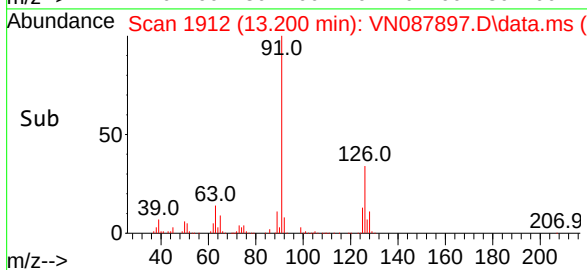
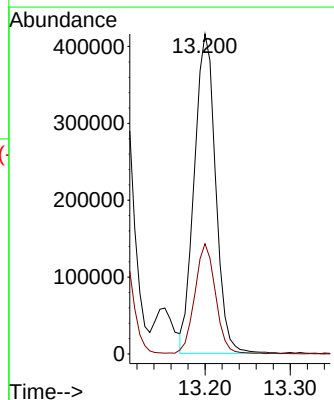
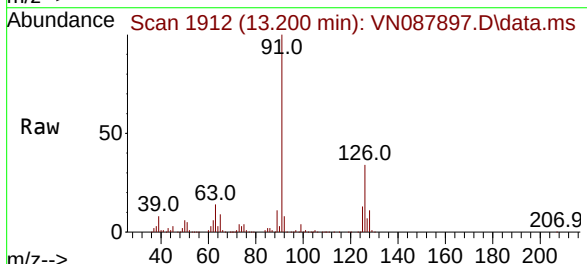
Instrument :
MSVOA_N
ClientSampleId :

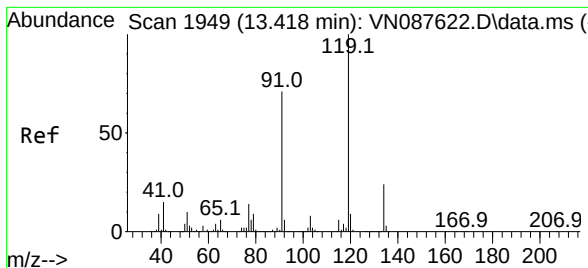
Tgt Ion: 75 Resp: 114046
Ion Ratio Lower Upper
75 100
53 100.8 101.8 152.6#
89 46.7 35.6 53.4



#82
4-Chlorotoluene
Concen: 49.982 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087897.D
Acq: 18 Sep 2025 15:53

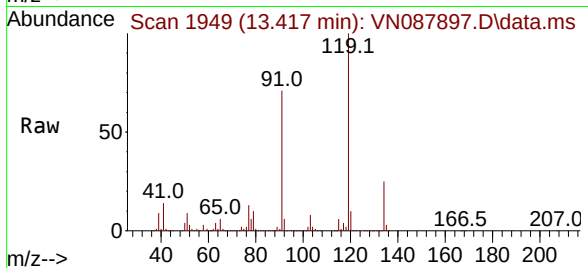
Tgt Ion: 91 Resp: 721312
Ion Ratio Lower Upper
91 100
126 33.8 15.6 46.8



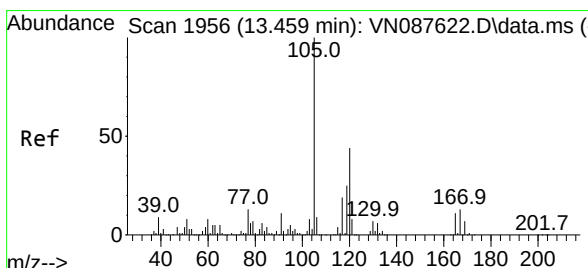
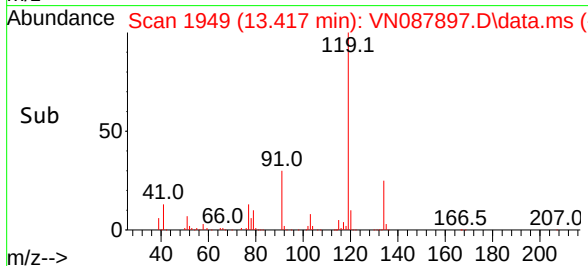
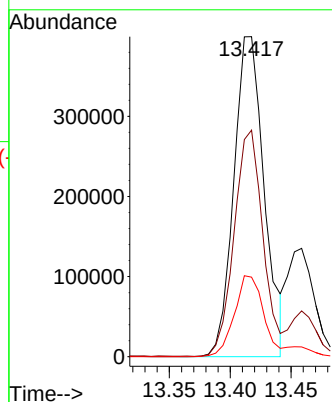


#83
 tert-Butylbenzene
 Concen: 53.010 ug/l
 RT: 13.417 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VN087897.D
 Acq: 18 Sep 2025 15:53

Instrument :
 MSVOA_N
 ClientSampleId :

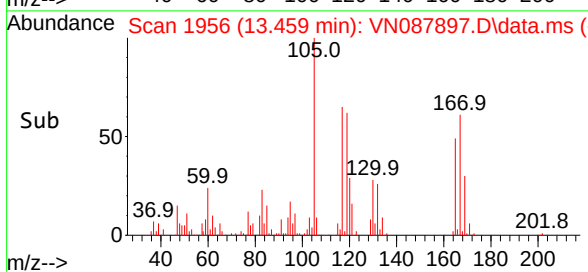
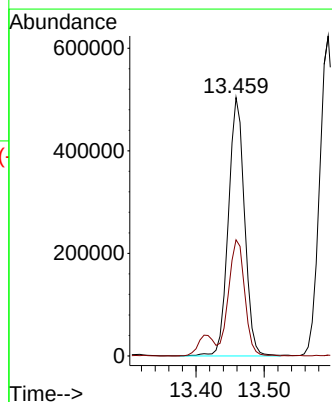
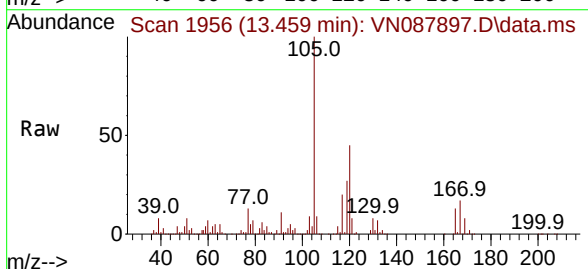


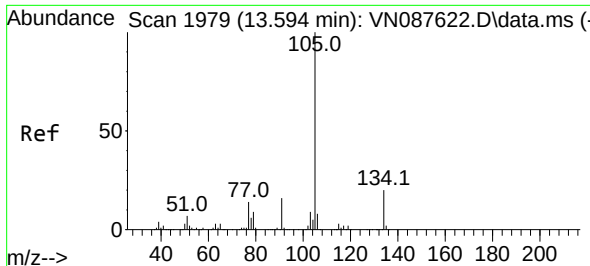
Tgt Ion:119 Resp: 693919
 Ion Ratio Lower Upper
 119 100
 91 66.8 35.0 105.0
 134 24.7 12.6 37.8



#84
 1,2,4-Trimethylbenzene
 Concen: 52.834 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. -0.000 min
 Lab File: VN087897.D
 Acq: 18 Sep 2025 15:53

Tgt Ion:105 Resp: 830827
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.0 66.0

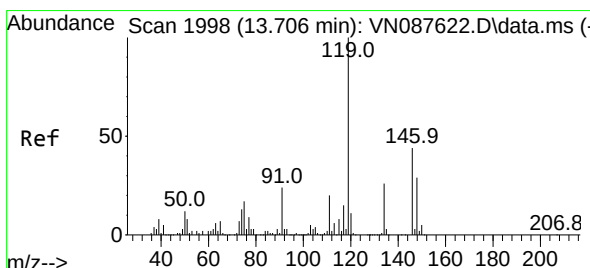
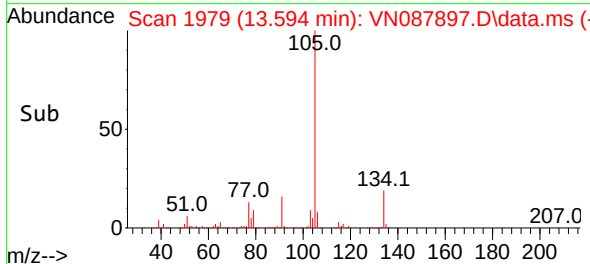
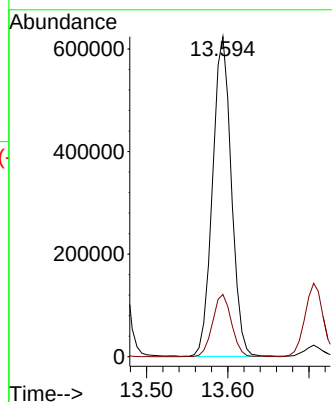
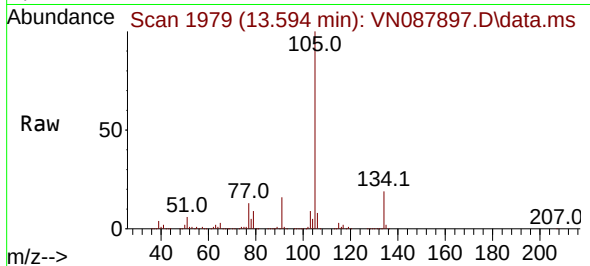




#85
 sec-Butylbenzene
 Concen: 51.639 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN087897.D
 Acq: 18 Sep 2025 15:53

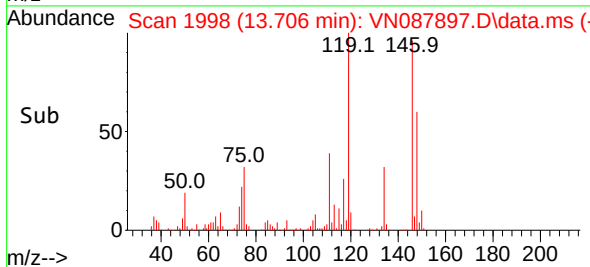
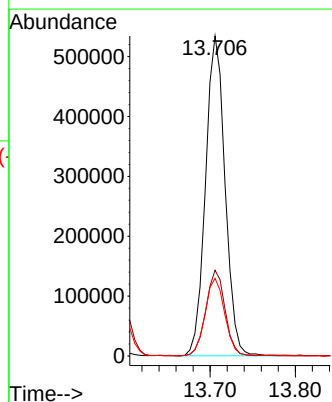
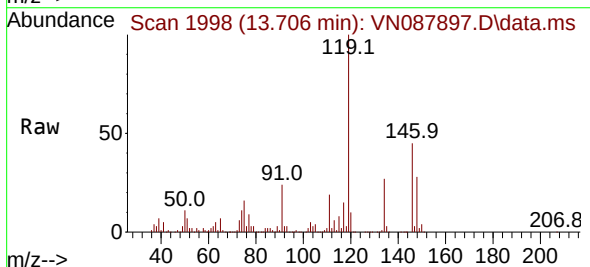
Instrument :
 MSVOA_N
 ClientSampleId :

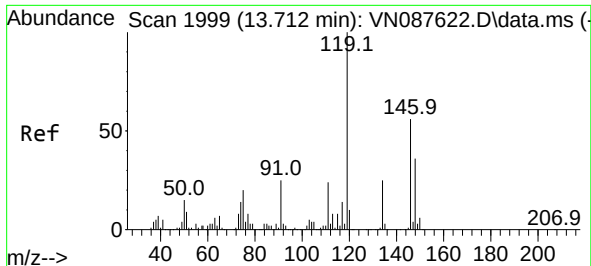
Tgt Ion:105 Resp: 1003131
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 53.085 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087897.D
 Acq: 18 Sep 2025 15:53

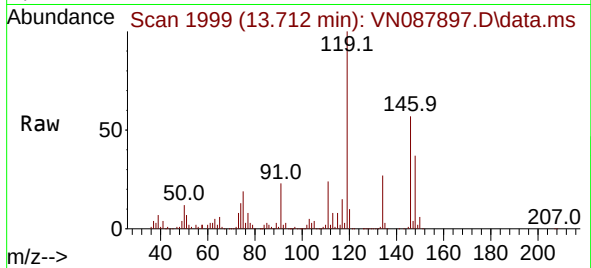
Tgt Ion:119 Resp: 851529
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.7 38.0
 91 24.6 12.5 37.5



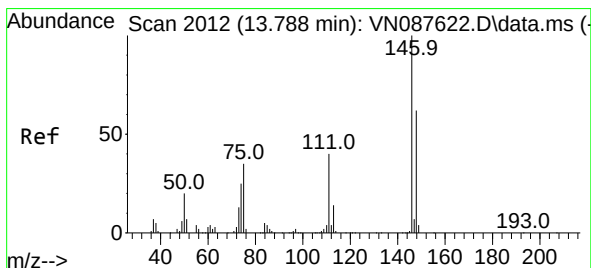
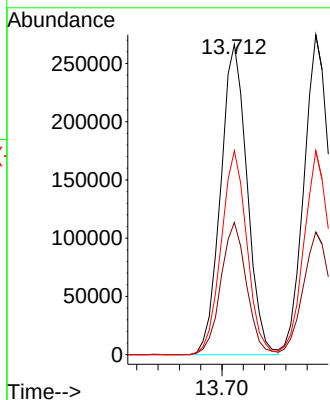
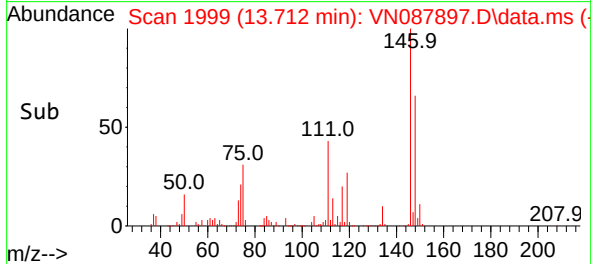


#87
 1,3-Dichlorobenzene
 Concen: 53.498 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN087897.D
 Acq: 18 Sep 2025 15:53

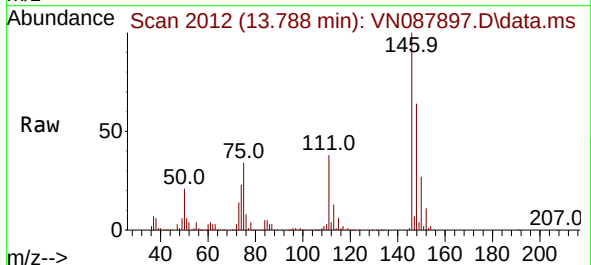
Instrument :
 MSVOA_N
 ClientSampleId :



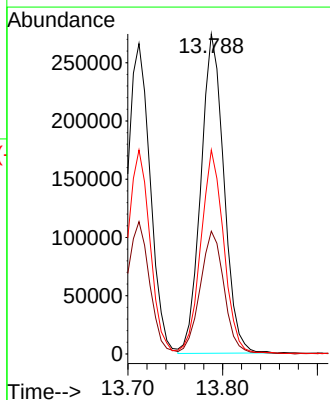
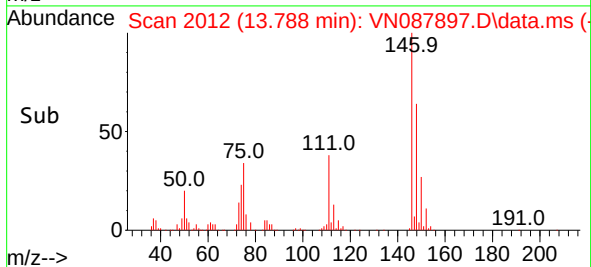
Tgt Ion:146 Resp: 459977
 Ion Ratio Lower Upper
 146 100
 111 41.4 22.1 66.5
 148 63.7 32.0 96.2

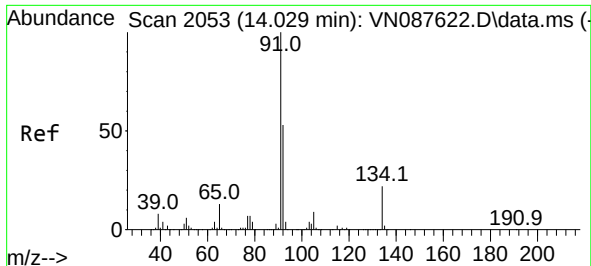


#88
 1,4-Dichlorobenzene
 Concen: 51.896 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: VN087897.D
 Acq: 18 Sep 2025 15:53



Tgt Ion:146 Resp: 464353
 Ion Ratio Lower Upper
 146 100
 111 40.2 21.0 63.0
 148 63.8 32.0 96.0

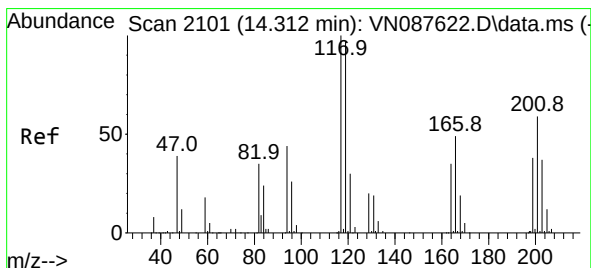
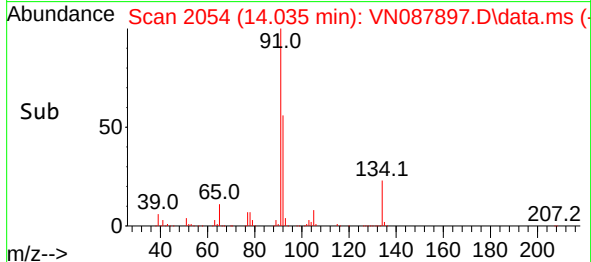
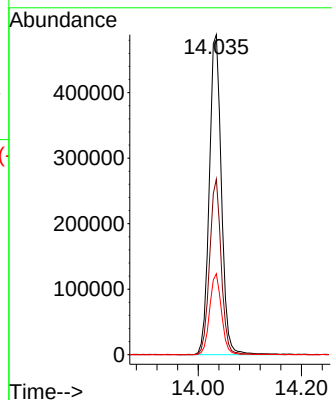
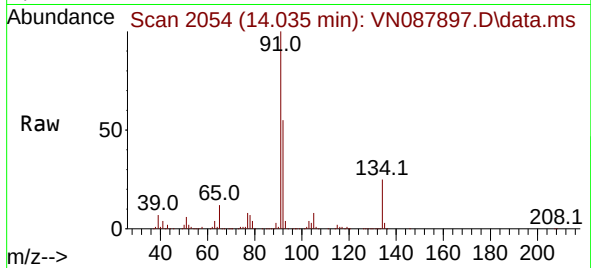




#89
n-Butylbenzene
Concen: 49.772 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.006 min
Lab File: VN087897.D
Acq: 18 Sep 2025 15:53

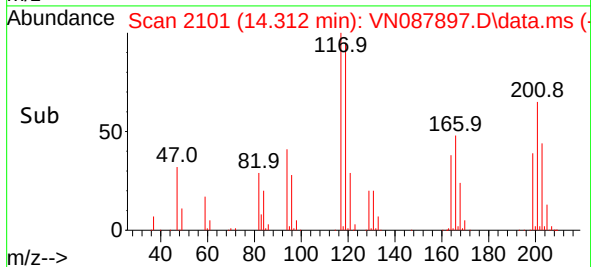
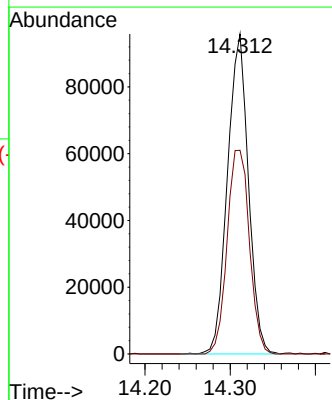
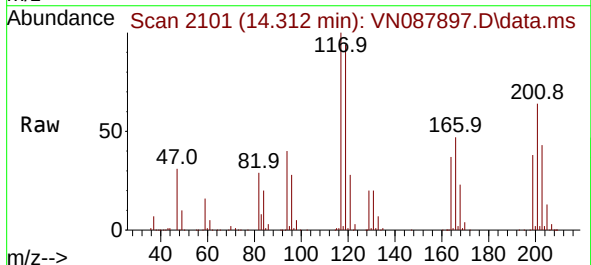
Instrument :
MSVOA_N
ClientSampleId :

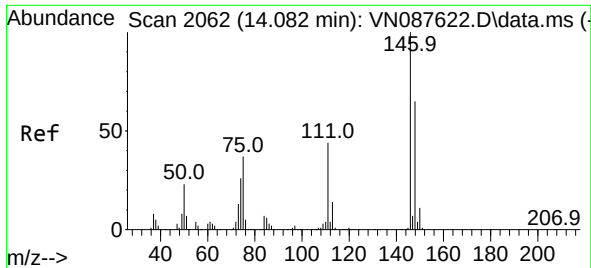
Tgt Ion: 91 Resp: 792928
Ion Ratio Lower Upper
91 100
92 52.8 25.9 77.8
134 24.8 11.7 35.0



#90
Hexachloroethane
Concen: 53.472 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. -0.000 min
Lab File: VN087897.D
Acq: 18 Sep 2025 15:53

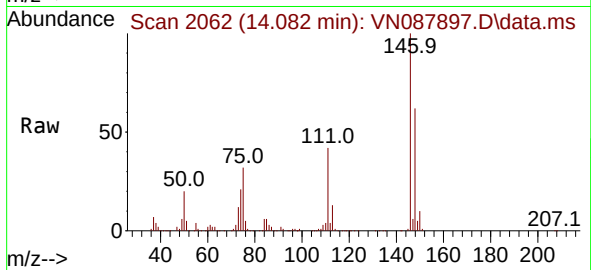
Tgt Ion: 117 Resp: 163415
Ion Ratio Lower Upper
117 100
201 67.7 29.1 87.4



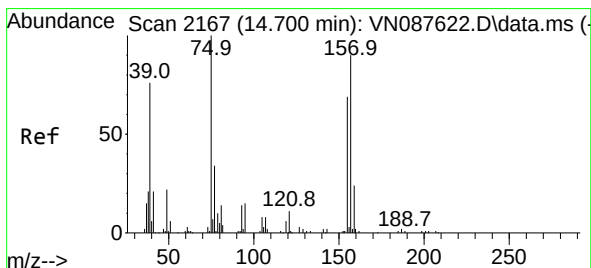
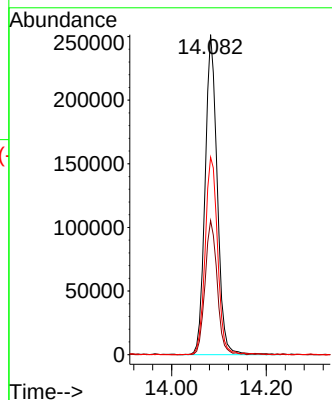
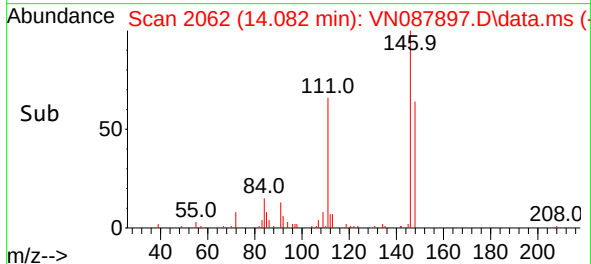


#91
1,2-Dichlorobenzene
Concen: 54.725 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN087897.D
Acq: 18 Sep 2025 15:53

Instrument :
MSVOA_N
ClientSampleId :

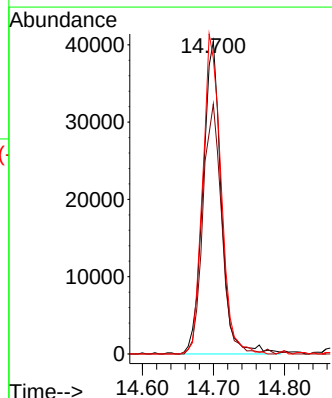
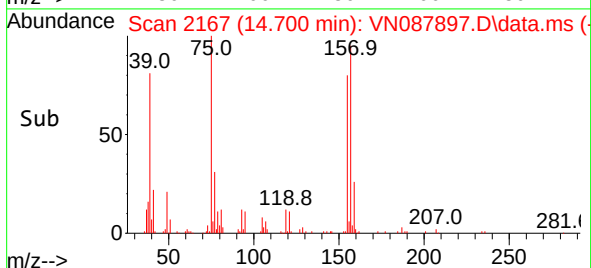
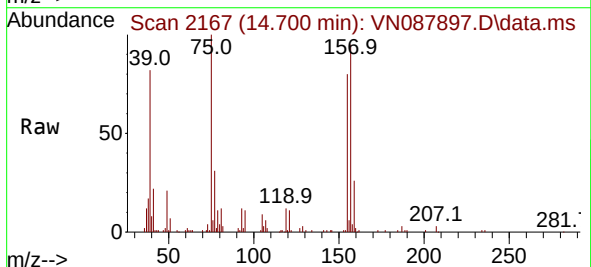


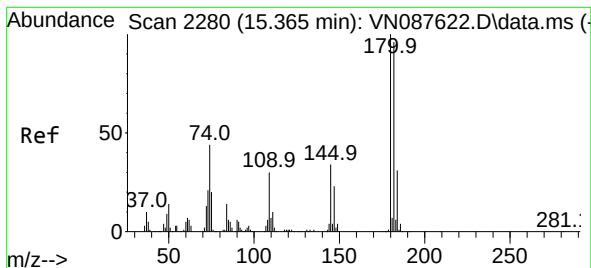
Tgt Ion:146 Resp: 446395
Ion Ratio Lower Upper
146 100
111 41.9 22.6 67.8
148 63.1 31.9 95.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.962 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. -0.000 min
Lab File: VN087897.D
Acq: 18 Sep 2025 15:53

Tgt Ion: 75 Resp: 72637
Ion Ratio Lower Upper
75 100
155 81.9 36.6 109.9
157 102.7 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 55.118 ug/l

RT: 15.364 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN087897.D

Acq: 18 Sep 2025 15:53

Instrument :

MSVOA_N

ClientSampleId :

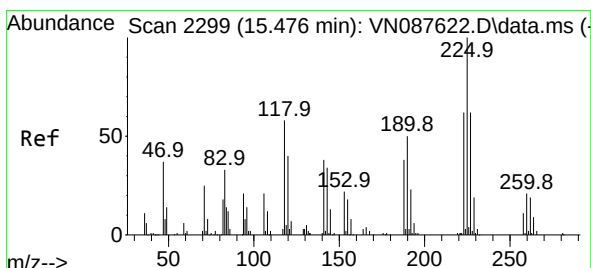
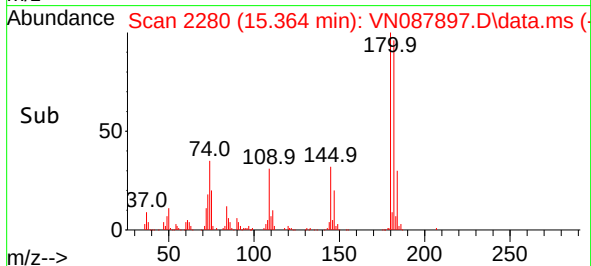
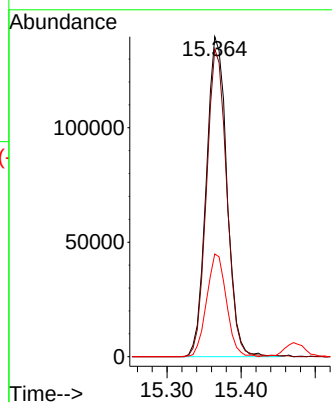
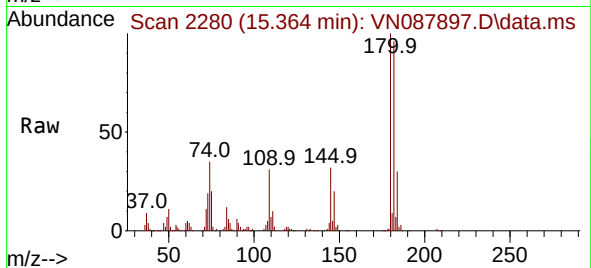
Tgt Ion:180 Resp: 269981

Ion Ratio Lower Upper

180 100

182 94.5 47.6 142.9

145 30.8 16.5 49.5



#94

Hexachlorobutadiene

Concen: 52.945 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. -0.000 min

Lab File: VN087897.D

Acq: 18 Sep 2025 15:53

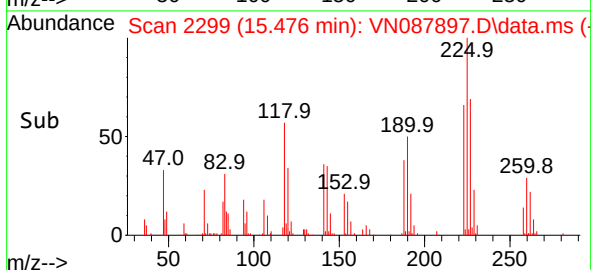
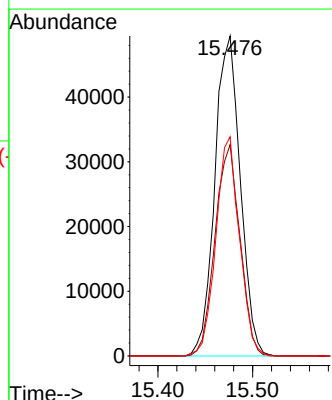
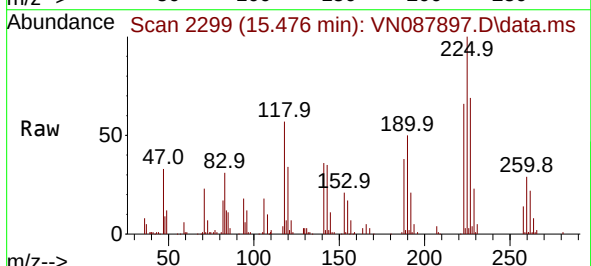
Tgt Ion:225 Resp: 92456

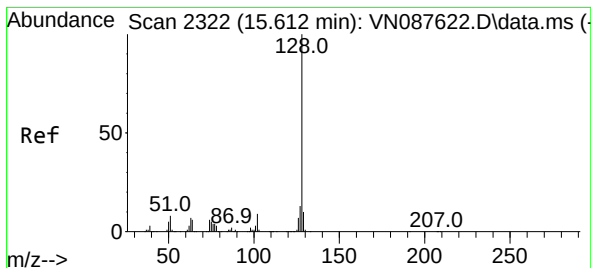
Ion Ratio Lower Upper

225 100

223 64.6 32.0 96.2

227 63.3 32.1 96.5





#95

Naphthalene

Concen: 51.959 ug/l

RT: 15.611 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN087897.D

Acq: 18 Sep 2025 15:53

Instrument :

MSVOA_N

ClientSampleId :

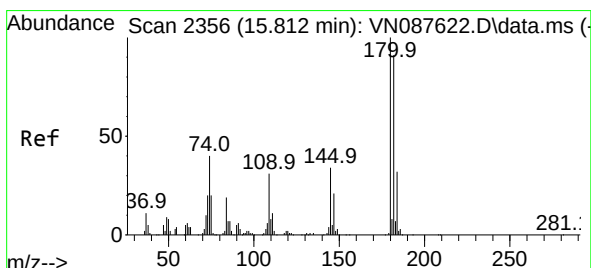
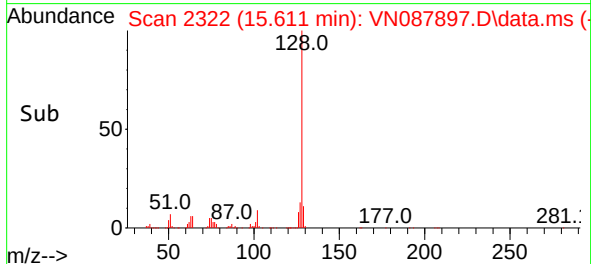
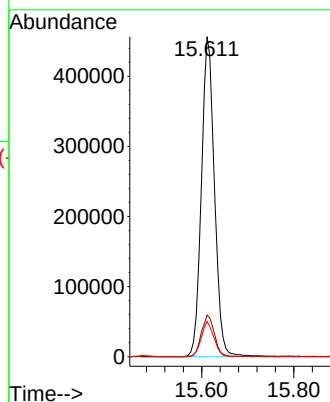
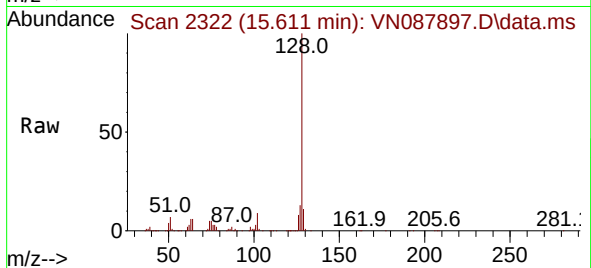
Tgt Ion:128 Resp: 901466

Ion Ratio Lower Upper

128 100

127 13.0 10.6 15.8

129 10.7 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 54.940 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. -0.000 min

Lab File: VN087897.D

Acq: 18 Sep 2025 15:53

Tgt Ion:180 Resp: 263085

Ion Ratio Lower Upper

180 100

182 92.7 46.8 140.3

145 32.8 17.3 52.0

