

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032825\
 Data File : VN086140.D
 Acq On : 28 Mar 2025 10:44
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 28 23:36:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	218266	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	341726	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	321573	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	177687	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	134346	44.950	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.900%
35) Dibromofluoromethane	8.165	113	112230	47.053	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.100%
50) Toluene-d8	10.565	98	427108	49.339	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.680%
62) 4-Bromofluorobenzene	12.847	95	156781	50.784	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.560%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	127792	44.193	ug/l	97
3) Chloromethane	2.359	50	126147	49.761	ug/l	97
4) Vinyl Chloride	2.512	62	137241	52.948	ug/l	100
5) Bromomethane	2.942	94	85411	48.375	ug/l	99
6) Chloroethane	3.112	64	85977	52.579	ug/l	91
7) Trichlorofluoromethane	3.495	101	213341	45.786	ug/l	98
8) Diethyl Ether	3.959	74	68358	47.923	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.371	101	126471	51.070	ug/l	98
10) Methyl Iodide	4.583	142	155966	48.335	ug/l	100
11) Tert butyl alcohol	5.524	59	96684	228.480	ug/l	98
12) 1,1-Dichloroethene	4.336	96	109233	48.849	ug/l	98
13) Acrolein	4.183	56	79514	176.175	ug/l	96
14) Allyl chloride	5.018	41	134804	48.322	ug/l	97
15) Acrylonitrile	5.718	53	301308	269.611	ug/l	98
16) Acetone	4.424	43	217644	238.355	ug/l	98
17) Carbon Disulfide	4.712	76	317078	43.117	ug/l	97
18) Methyl Acetate	5.018	43	133940	59.287	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	366744	50.050	ug/l	96
20) Methylene Chloride	5.271	84	134442	50.330	ug/l	94
21) trans-1,2-Dichloroethene	5.783	96	122521	50.136	ug/l	95
22) Diisopropyl ether	6.671	45	334371	56.246	ug/l	98
23) Vinyl Acetate	6.600	43	1219974	270.712	ug/l	98
24) 1,1-Dichloroethane	6.565	63	222267	50.844	ug/l	98
25) 2-Butanone	7.483	43	351958	267.129	ug/l	94
26) 2,2-Dichloropropane	7.488	77	200348	47.604	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	142345	51.259	ug/l	98
28) Bromochloromethane	7.812	49	93838	50.665	ug/l	96
29) Tetrahydrofuran	7.835	42	237361	291.808	ug/l	95
30) Chloroform	7.965	83	242183	50.121	ug/l	100
31) Cyclohexane	8.253	56	180052	48.348	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	219467	47.982	ug/l	99
36) 1,1-Dichloropropene	8.371	75	163082	51.925	ug/l	99
37) Ethyl Acetate	7.559	43	140827	53.149	ug/l	99
38) Carbon Tetrachloride	8.359	117	203489	49.277	ug/l	99
39) Methylcyclohexane	9.600	83	163933	52.610	ug/l	94
40) Benzene	8.606	78	521201	52.863	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	72271	57.121	ug/l	96
42) 1,2-Dichloroethane	8.665	62	168370	49.009	ug/l	98
43) Isopropyl Acetate	8.682	43	233419	40.654	ug/l	98
44) Trichloroethene	9.353	130	122575	47.968	ug/l	99
45) 1,2-Dichloropropane	9.618	63	125621	56.019	ug/l	97
46) Dibromomethane	9.706	93	94345	53.497	ug/l	98
47) Bromodichloromethane	9.882	83	191158	51.864	ug/l	99
48) Methyl methacrylate	9.677	41	108367	57.195	ug/l	98
49) 1,4-Dioxane	9.688	88	53208	1187.958	ug/l	93
51) 4-Methyl-2-Pentanone	10.441	43	764611	301.956	ug/l	98
52) Toluene	10.629	92	344803	56.980	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	189701	52.997	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	204166	54.061	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	129344	56.002	ug/l	95
56) Ethyl methacrylate	10.871	69	189636	52.177	ug/l	98
57) 1,3-Dichloropropane	11.159	76	214007	54.554	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	407237	286.551	ug/l	97
59) 2-Hexanone	11.194	43	572758	310.491	ug/l	97
60) Dibromochloromethane	11.359	129	160006	53.688	ug/l	97
61) 1,2-Dibromoethane	11.471	107	128563	54.221	ug/l	98
64) Tetrachloroethene	11.100	164	125011	48.733	ug/l	98
65) Chlorobenzene	11.888	112	368410	50.066	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	137086	50.116	ug/l	97
67) Ethyl Benzene	11.959	91	627394	53.301	ug/l	99
68) m/p-Xylenes	12.070	106	511977	110.663	ug/l	98
69) o-Xylene	12.394	106	237775	55.997	ug/l	97
70) Styrene	12.412	104	416893	57.481	ug/l	98
71) Bromoform	12.576	173	112868	49.359	ug/l #	99
73) Isopropylbenzene	12.694	105	590904	48.698	ug/l	98
74) N-amyl acetate	12.494	43	207590	51.135	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	189713	46.214	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	252159	63.387	ug/l	73
77) Bromobenzene	12.976	156	158851	46.950	ug/l	99
78) n-propylbenzene	13.035	91	712397	51.848	ug/l	100
79) 2-Chlorotoluene	13.123	91	447666	49.052	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	532182	51.948	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	70514	46.864	ug/l	98
82) 4-Chlorotoluene	13.217	91	462335	49.263	ug/l	98
83) tert-Butylbenzene	13.435	119	420738	48.020	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	540255	52.285	ug/l	99
85) sec-Butylbenzene	13.612	105	602307	52.695	ug/l	100
86) p-Isopropyltoluene	13.729	119	517398	53.474	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	297823	48.834	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	288219	44.981	ug/l	99
89) n-Butylbenzene	14.053	91	399115	50.654	ug/l	100
90) Hexachloroethane	14.329	117	102546	45.931	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	283182	46.709	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	36644	44.718	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	135530	44.459	ug/l	100
94) Hexachlorobutadiene	15.500	225	72323	40.893	ug/l	100
95) Naphthalene	15.641	128	397897	45.076	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	134039	46.339	ug/l	99

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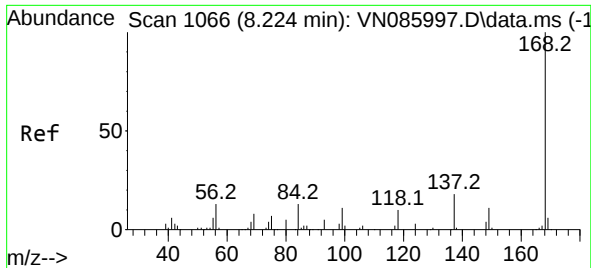
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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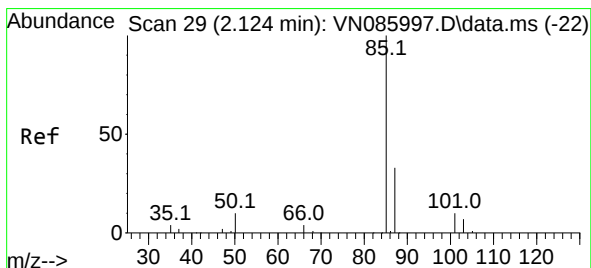
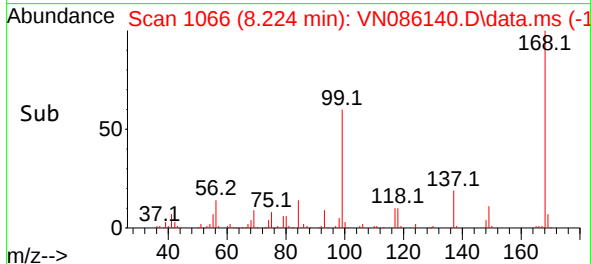
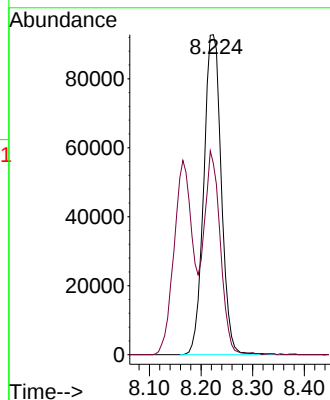
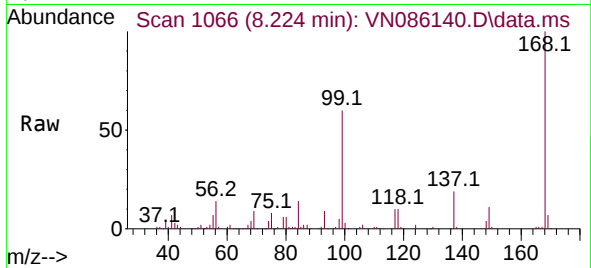




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086140.D
Acq: 28 Mar 2025 10:44

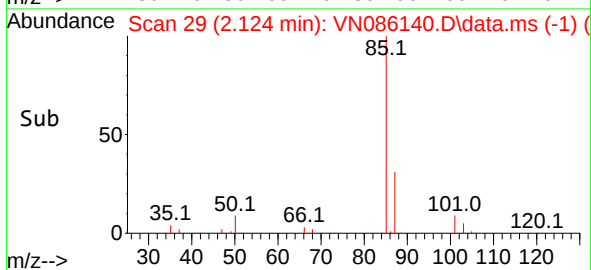
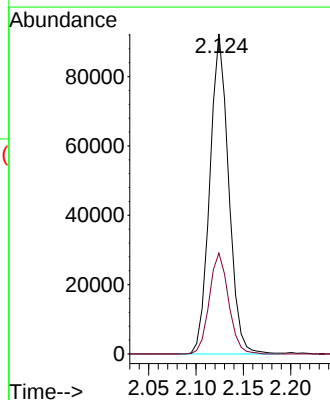
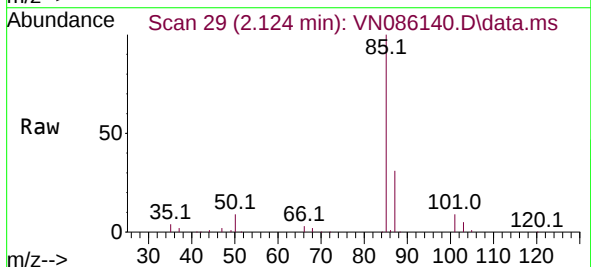
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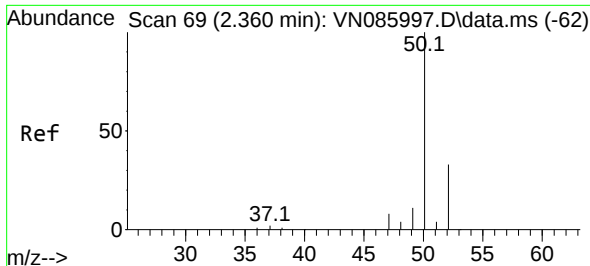
Tgt Ion:168 Resp: 218266
Ion Ratio Lower Upper
168 100
99 59.5 49.4 74.2



#2
Dichlorodifluoromethane
Concen: 44.193 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086140.D
Acq: 28 Mar 2025 10:44

Tgt Ion: 85 Resp: 127792
Ion Ratio Lower Upper
85 100
87 31.5 16.5 49.5

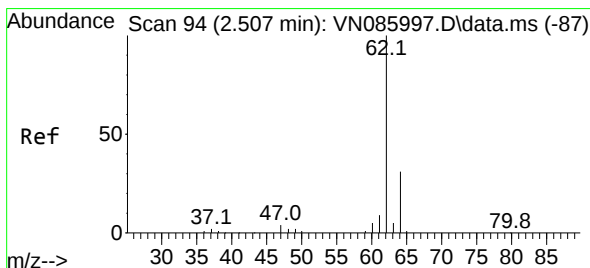
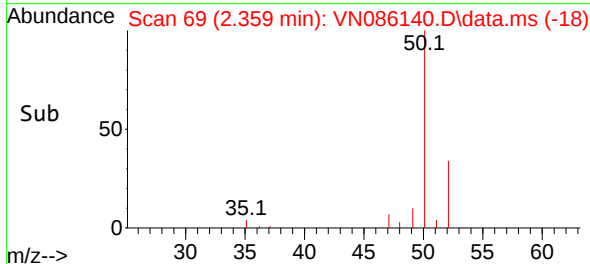
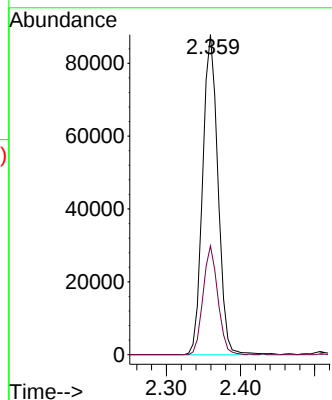
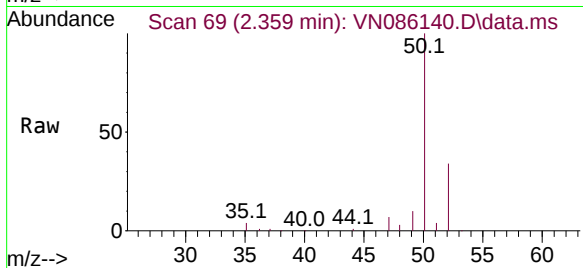




#3
Chloromethane
Concen: 49.761 ug/l
RT: 2.359 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086140.D
Acq: 28 Mar 2025 10:44

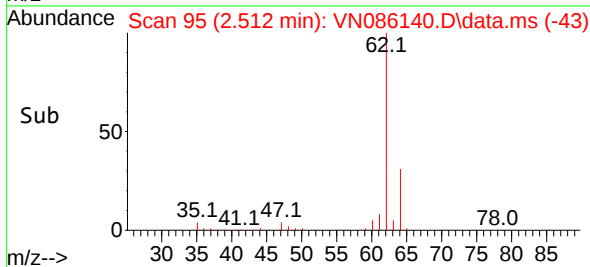
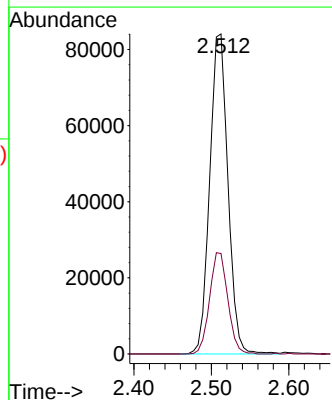
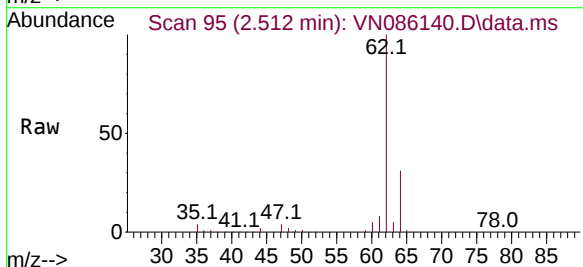
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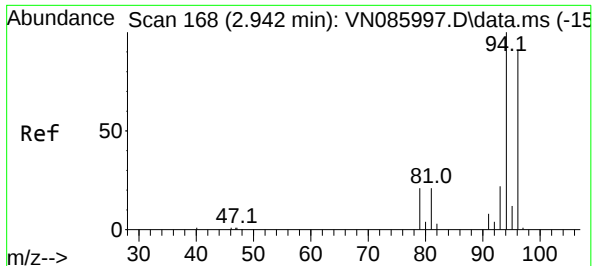
Tgt Ion: 50 Resp: 126147
Ion Ratio Lower Upper
50 100
52 34.0 26.0 39.0



#4
Vinyl Chloride
Concen: 52.948 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.006 min
Lab File: VN086140.D
Acq: 28 Mar 2025 10:44

Tgt Ion: 62 Resp: 137241
Ion Ratio Lower Upper
62 100
64 31.4 25.2 37.8

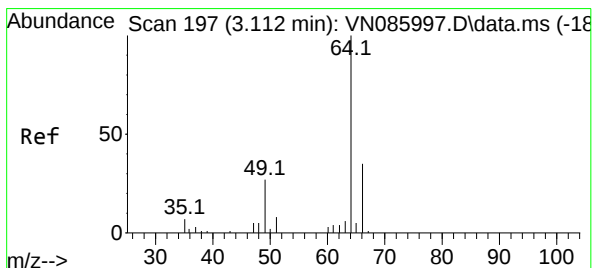
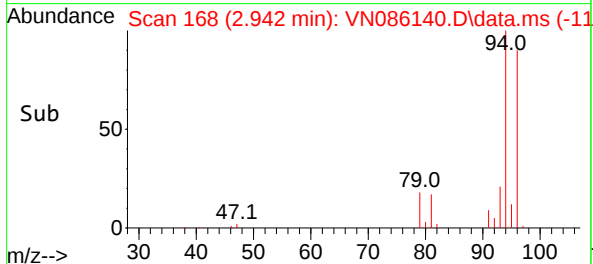
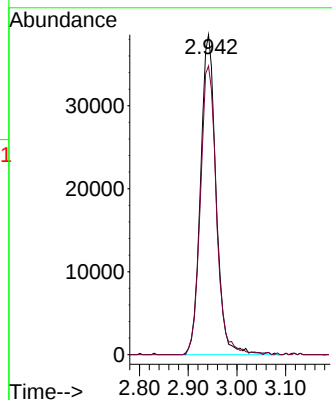
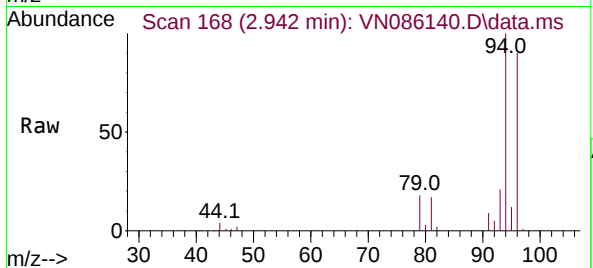




#5
Bromomethane
Concen: 48.375 ug/l
RT: 2.942 min Scan# 168
Delta R.T. -0.000 min
Lab File: VN086140.D
Acq: 28 Mar 2025 10:44

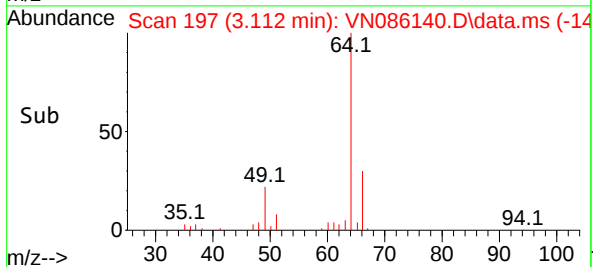
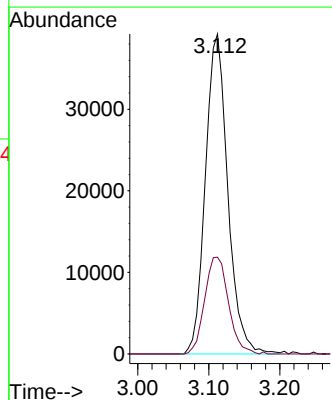
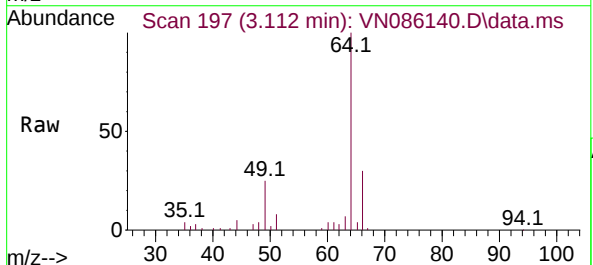
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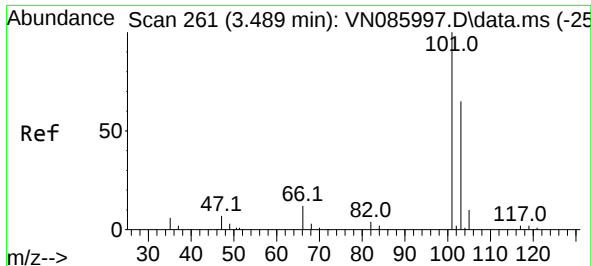
Tgt Ion: 94 Resp: 85411
Ion Ratio Lower Upper
94 100
96 90.2 72.8 109.2



#6
Chloroethane
Concen: 52.579 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.000 min
Lab File: VN086140.D
Acq: 28 Mar 2025 10:44

Tgt Ion: 64 Resp: 85977
Ion Ratio Lower Upper
64 100
66 30.3 28.3 42.5

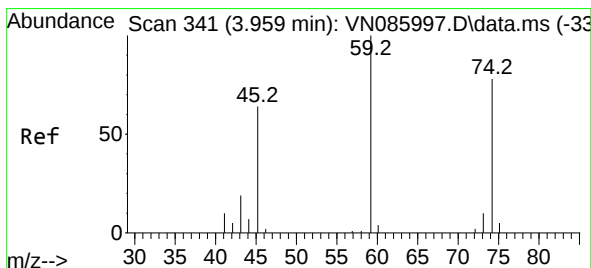
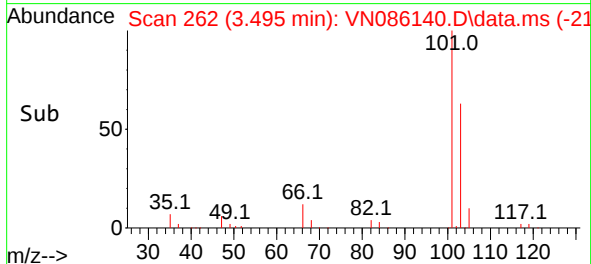
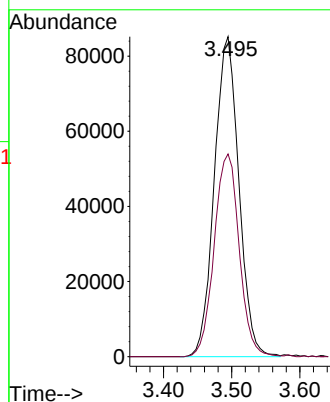
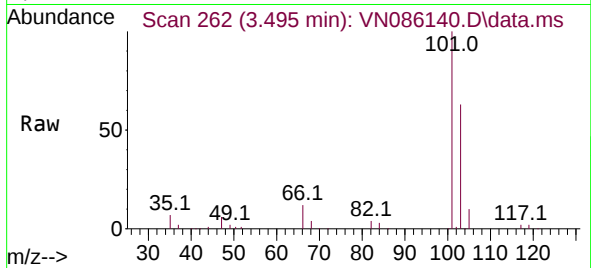




#7
Trichlorofluoromethane
Concen: 45.786 ug/l
RT: 3.495 min Scan# 261
Delta R.T. 0.006 min
Lab File: VN086140.D
Acq: 28 Mar 2025 10:44

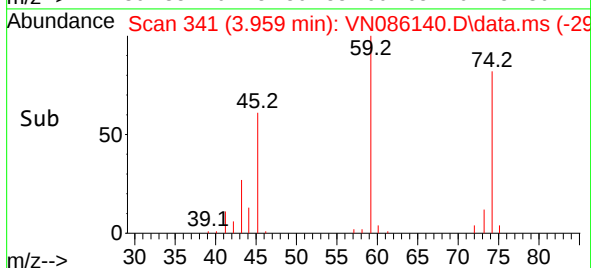
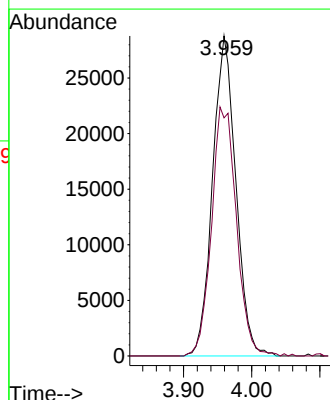
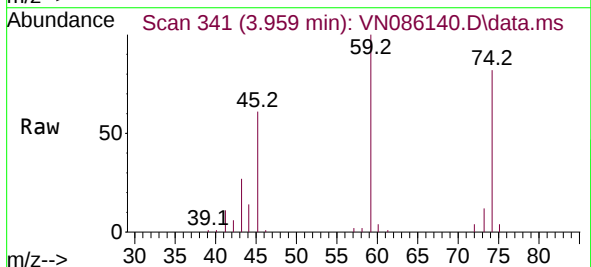
Instrument :
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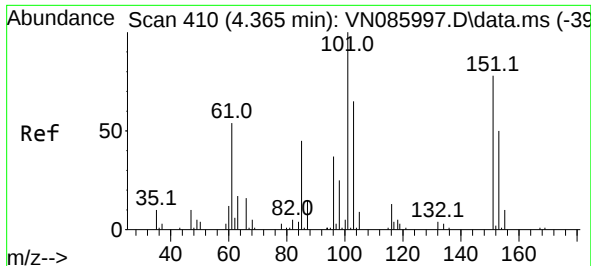
Tgt Ion:101 Resp: 213341
Ion Ratio Lower Upper
101 100
103 63.3 51.7 77.5



#8
Diethyl Ether
Concen: 47.923 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN086140.D
Acq: 28 Mar 2025 10:44

Tgt Ion: 74 Resp: 68358
Ion Ratio Lower Upper
74 100
45 83.3 38.0 113.9

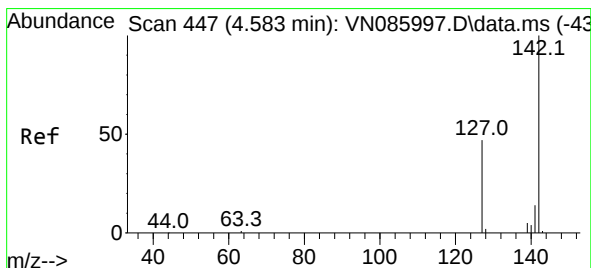
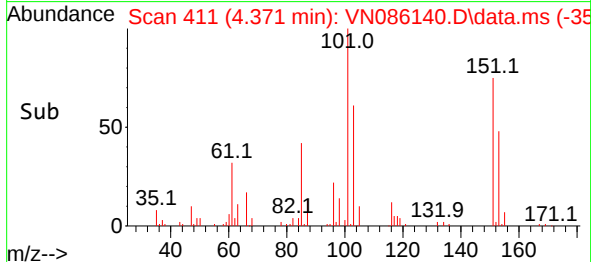
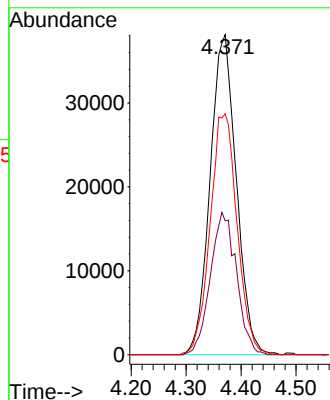
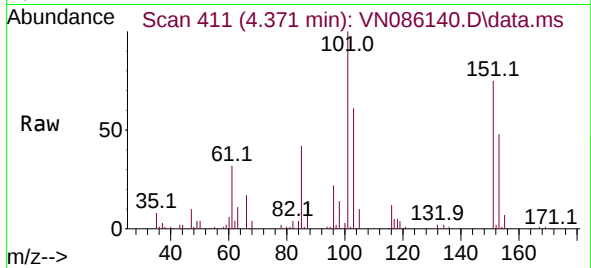




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.070 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN086140.D
Acq: 28 Mar 2025 10:44

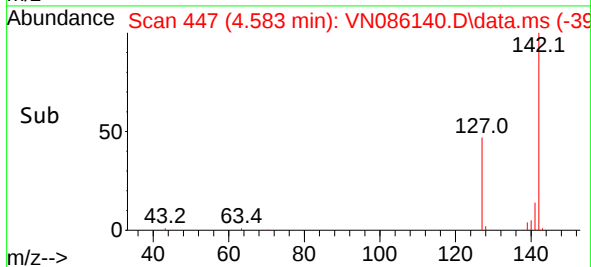
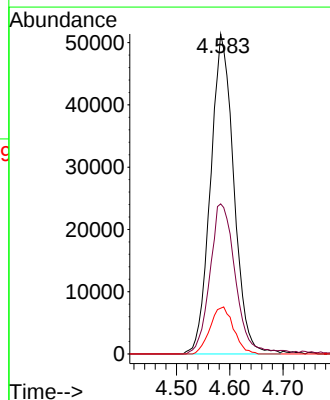
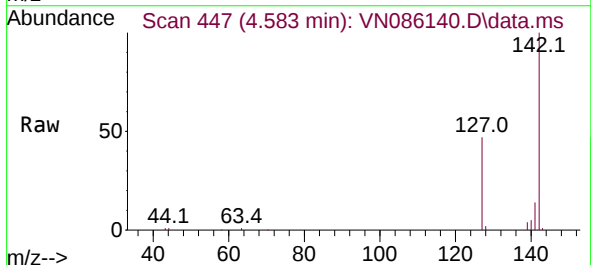
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 126471
Ion Ratio Lower Upper
101 100
85 44.3 36.5 54.7
151 77.3 63.4 95.0



#10
Methyl Iodide
Concen: 48.335 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN086140.D
Acq: 28 Mar 2025 10:44

Tgt Ion:142 Resp: 155966
Ion Ratio Lower Upper
142 100
127 46.9 37.5 56.3
141 14.3 11.0 16.6

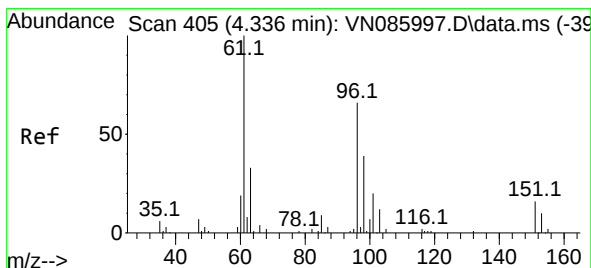
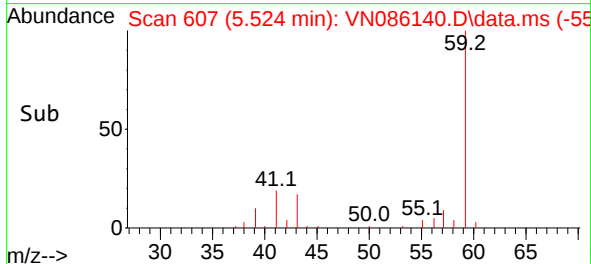
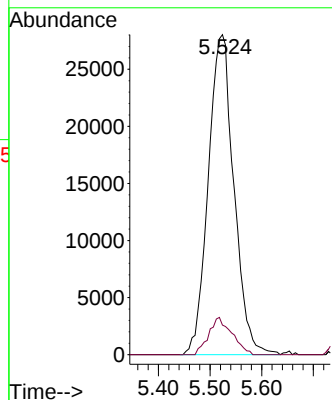
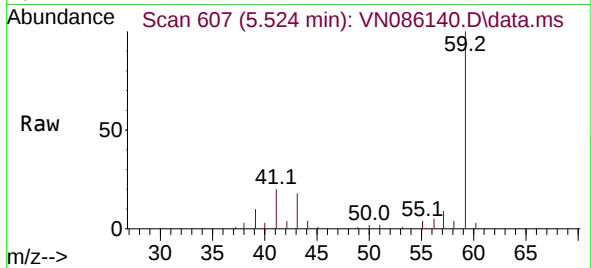




#11
Tert butyl alcohol
Concen: 228.480 ug/l
RT: 5.524 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN086140.D
Acq: 28 Mar 2025 10:44

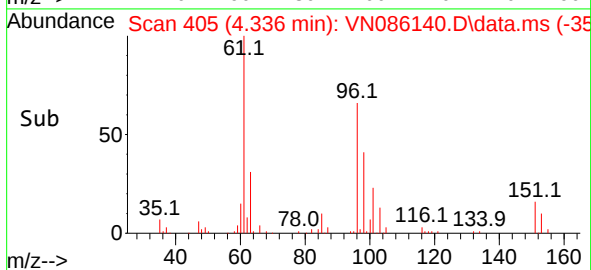
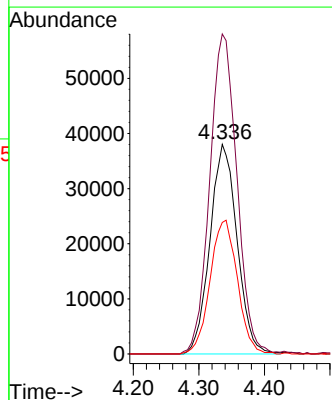
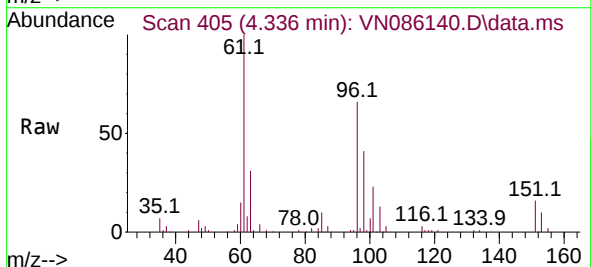
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

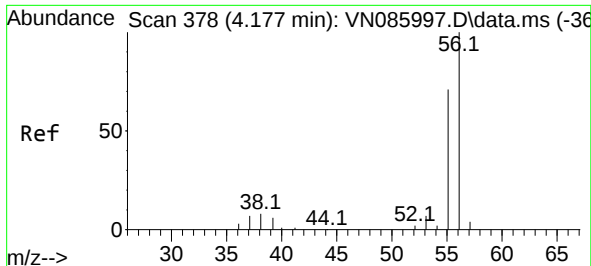
Tgt Ion: 59 Resp: 96684
Ion Ratio Lower Upper
59 100
57 10.5 7.9 11.9



#12
1,1-Dichloroethene
Concen: 48.849 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN086140.D
Acq: 28 Mar 2025 10:44

Tgt Ion: 96 Resp: 109233
Ion Ratio Lower Upper
96 100
61 152.6 120.5 180.7
98 62.7 47.4 71.0





#13

Acrolein

Concen: 176.175 ug/l

RT: 4.183 min Scan# 378

Delta R.T. 0.006 min

Lab File: VN086140.D

Acq: 28 Mar 2025 10:44

Instrument :

MSVOA_N

ClientSampleId :

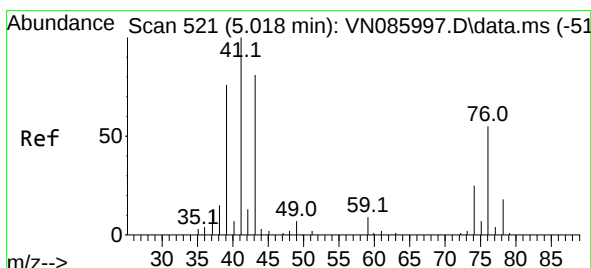
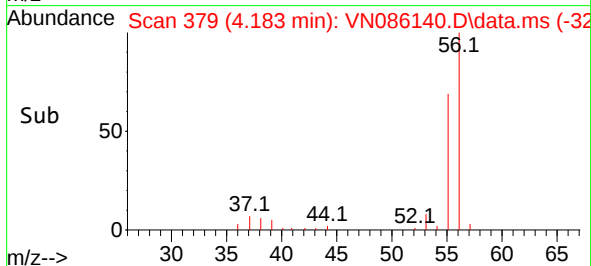
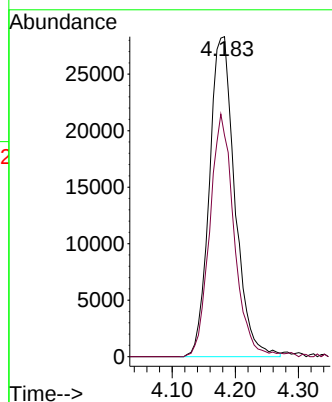
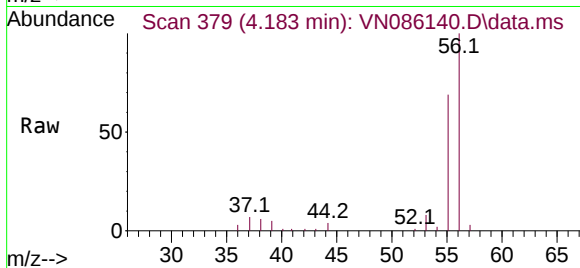
VSTDCCC050

Tgt Ion: 56 Resp: 79514

Ion Ratio Lower Upper

56 100

55 72.2 55.1 82.7



#14

Allyl chloride

Concen: 48.322 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.000 min

Lab File: VN086140.D

Acq: 28 Mar 2025 10:44

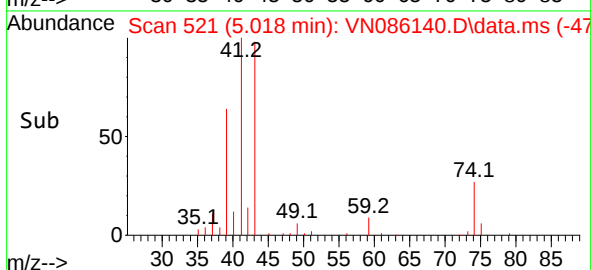
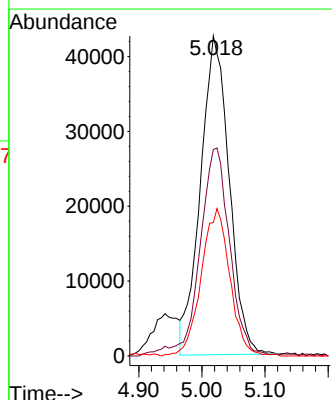
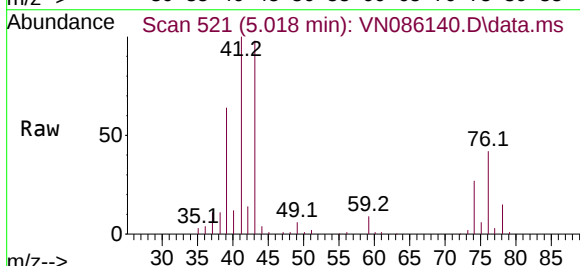
Tgt Ion: 41 Resp: 134804

Ion Ratio Lower Upper

41 100

39 67.9 55.5 83.3

76 46.0 39.1 58.7

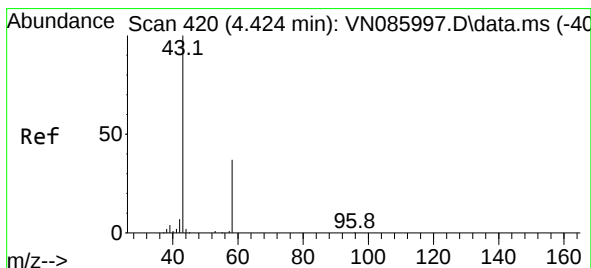
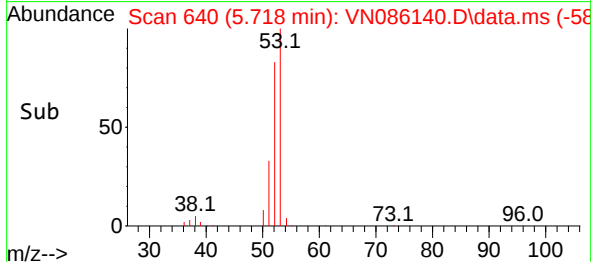
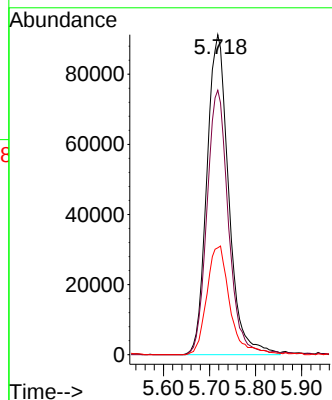
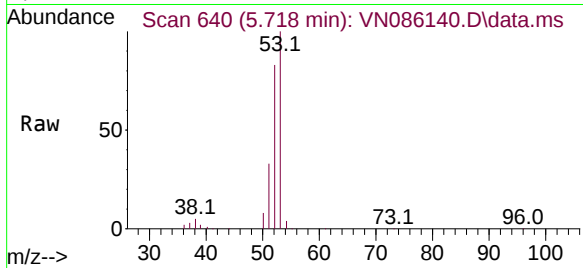




#15
Acrylonitrile
Concen: 269.611 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN086140.D
Acq: 28 Mar 2025 10:44

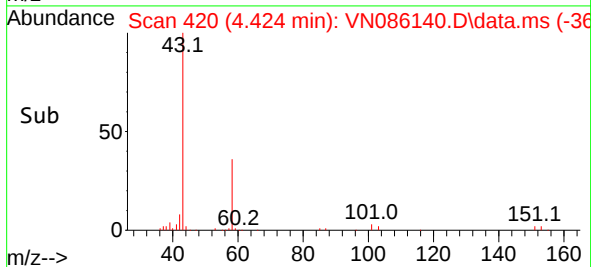
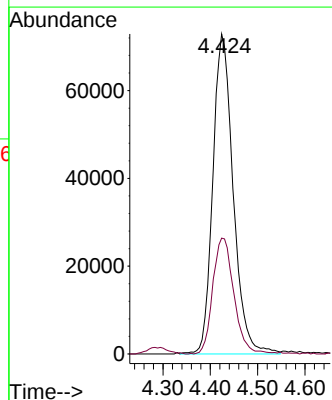
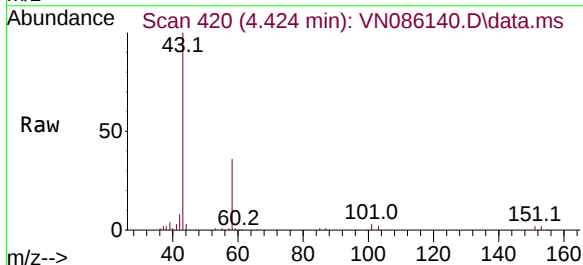
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

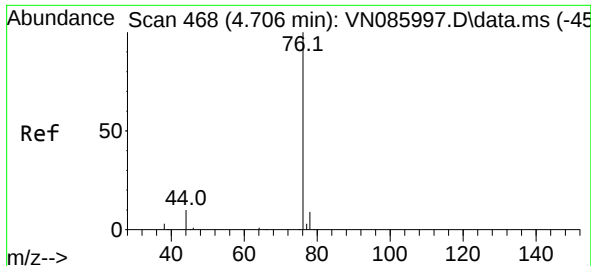
Tgt Ion: 53 Resp: 301308
Ion Ratio Lower Upper
53 100
52 80.8 63.9 95.9
51 35.9 27.1 40.7



#16
Acetone
Concen: 238.355 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086140.D
Acq: 28 Mar 2025 10:44

Tgt Ion: 43 Resp: 217644
Ion Ratio Lower Upper
43 100
58 35.8 29.4 44.2

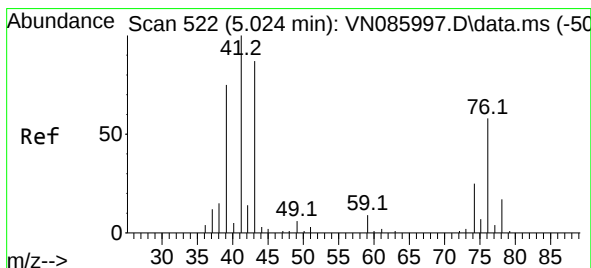
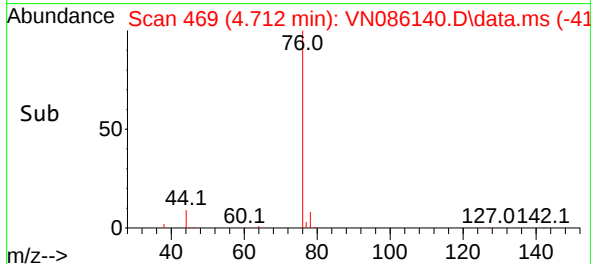
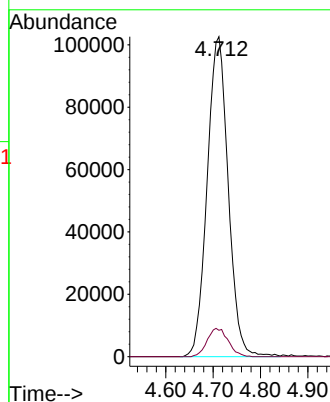
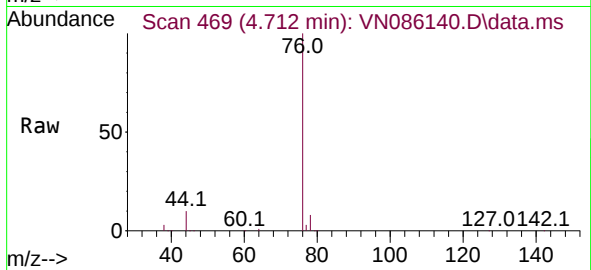




#17
Carbon Disulfide
Concen: 43.117 ug/l
RT: 4.712 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN086140.D
Acq: 28 Mar 2025 10:44

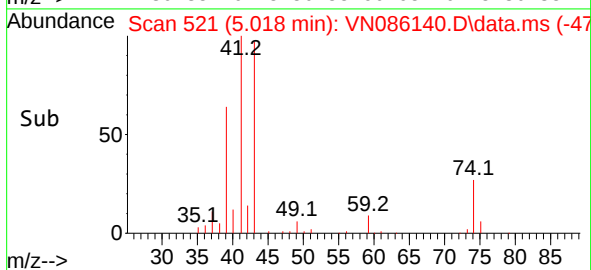
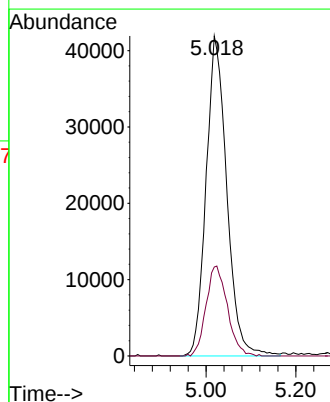
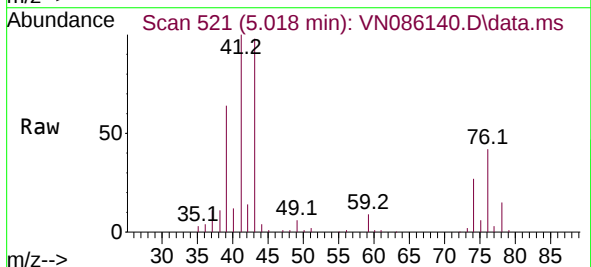
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

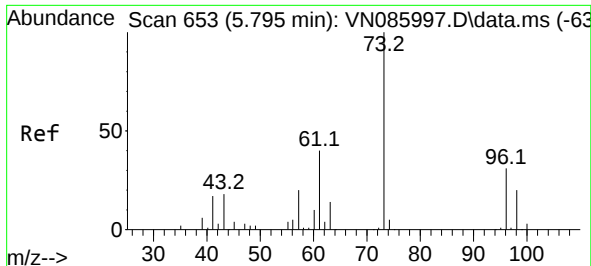
Tgt Ion: 76 Resp: 317078
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.2



#18
Methyl Acetate
Concen: 59.287 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN086140.D
Acq: 28 Mar 2025 10:44

Tgt Ion: 43 Resp: 133940
Ion Ratio Lower Upper
43 100
74 29.0 23.9 35.9

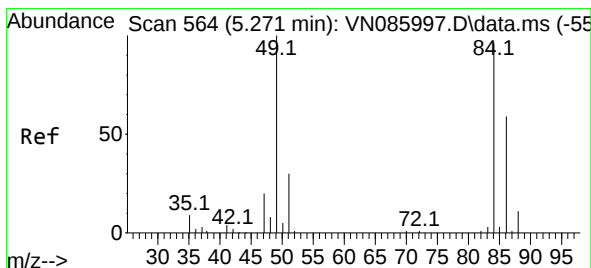
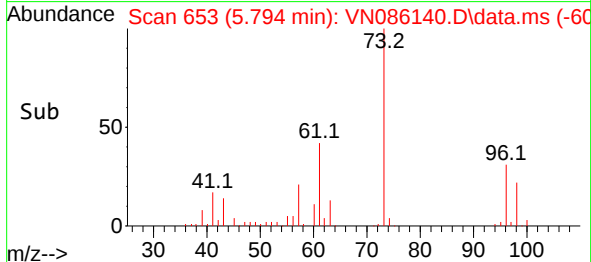
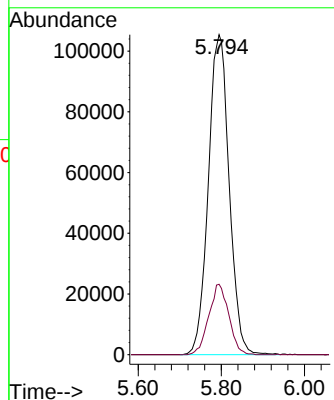
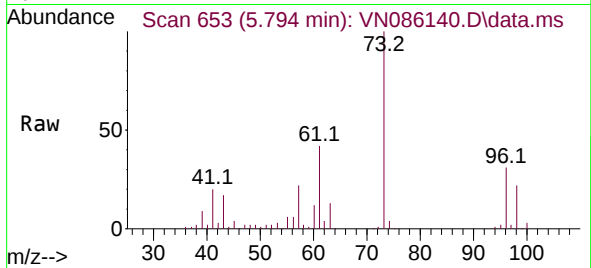




#19
Methyl tert-butyl Ether
Concen: 50.050 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086140.D
Acq: 28 Mar 2025 10:44

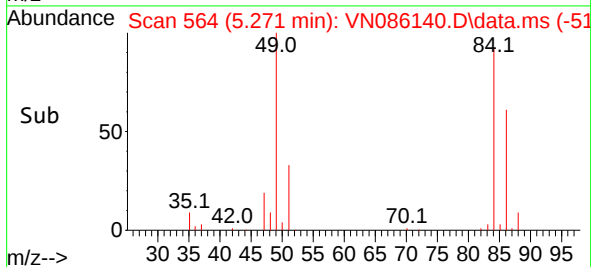
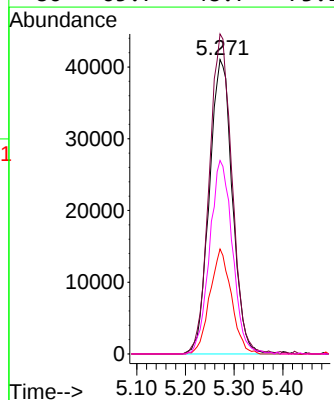
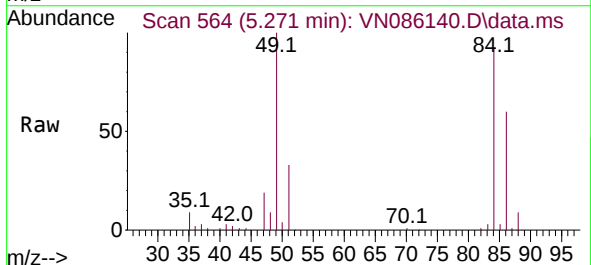
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

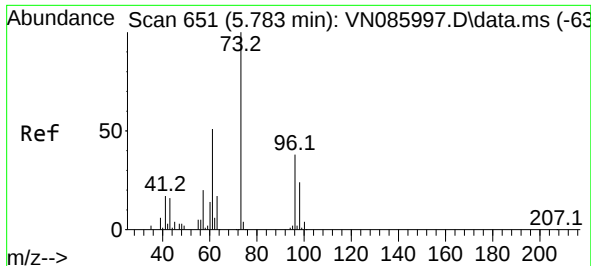
Tgt Ion: 73 Resp: 366744
Ion Ratio Lower Upper
73 100
57 22.0 16.1 24.1



#20
Methylene Chloride
Concen: 50.330 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086140.D
Acq: 28 Mar 2025 10:44

Tgt Ion: 84 Resp: 134442
Ion Ratio Lower Upper
84 100
49 108.7 83.3 124.9
51 35.7 24.8 37.2
86 65.7 48.7 73.1

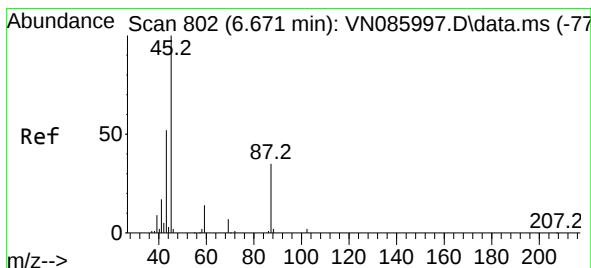
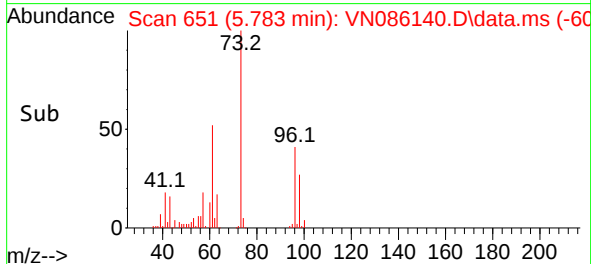
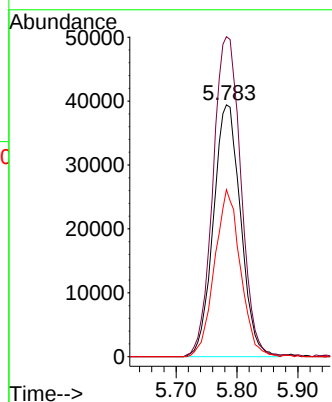
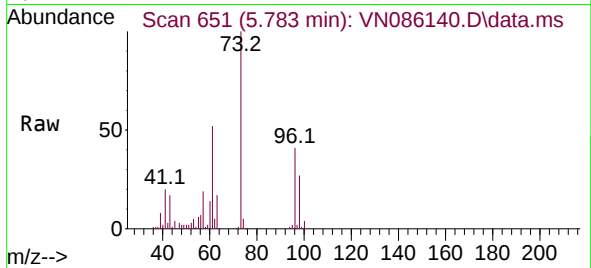




#21
trans-1,2-Dichloroethene
Concen: 50.136 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN086140.D
Acq: 28 Mar 2025 10:44

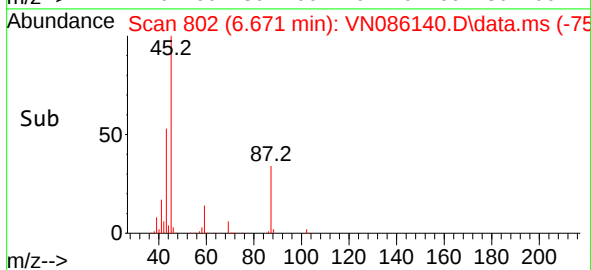
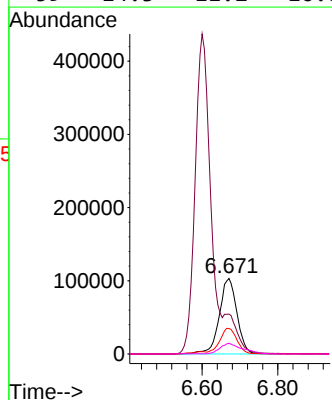
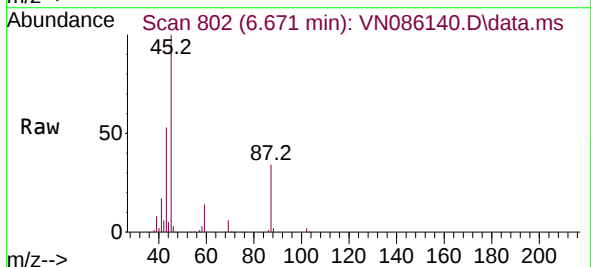
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

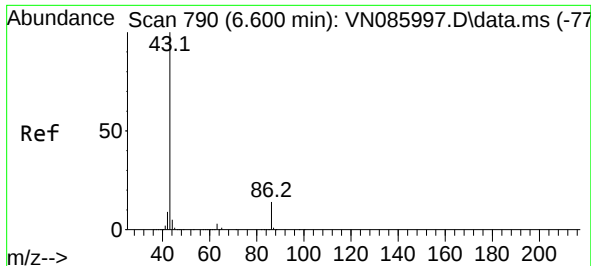
Tgt Ion: 96 Resp: 122521
Ion Ratio Lower Upper
96 100
61 127.1 106.6 160.0
98 66.3 50.0 75.0



#22
Diisopropyl ether
Concen: 56.246 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN086140.D
Acq: 28 Mar 2025 10:44

Tgt Ion: 45 Resp: 334371
Ion Ratio Lower Upper
45 100
43 52.1 41.2 61.8
87 33.7 28.5 42.7
59 14.3 11.2 16.8

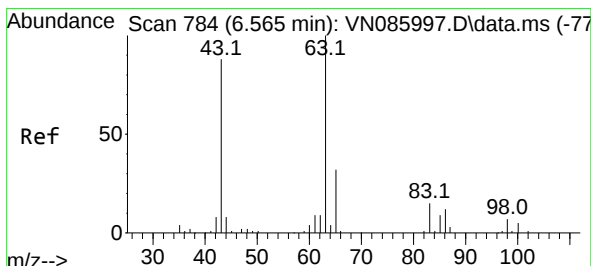
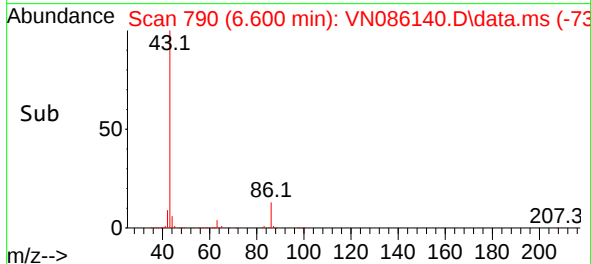
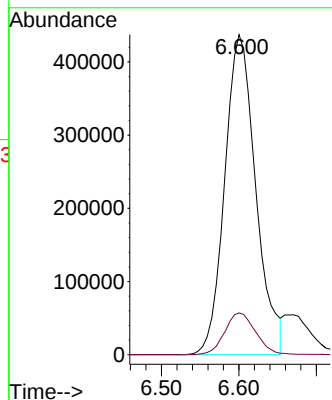
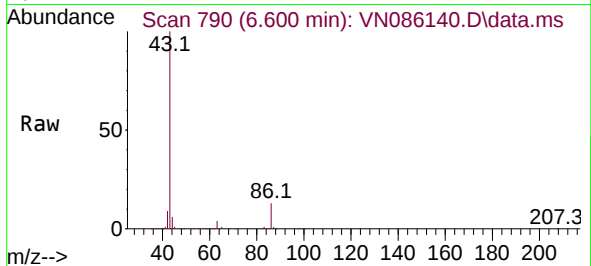




#23
 Vinyl Acetate
 Concen: 270.712 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086140.D
 Acq: 28 Mar 2025 10:44

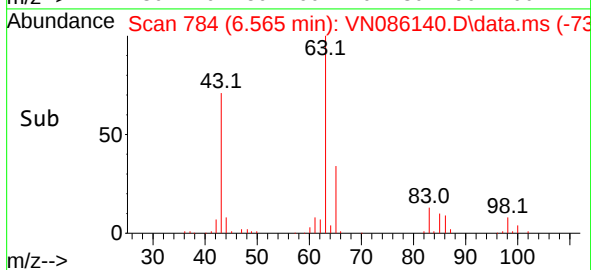
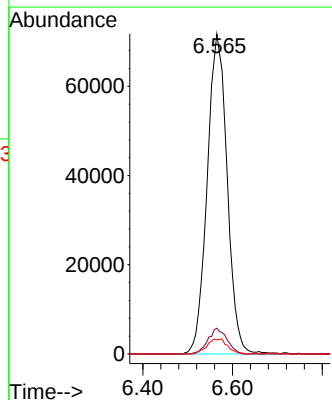
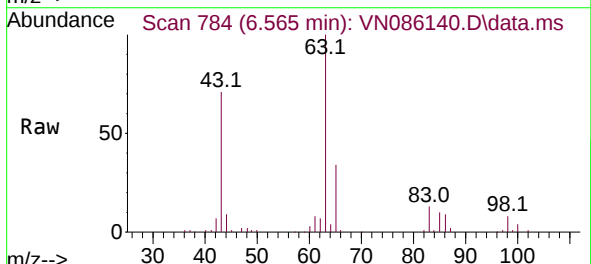
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1219974
 Ion Ratio Lower Upper
 43 100
 86 13.1 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 50.844 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN086140.D
 Acq: 28 Mar 2025 10:44

Tgt Ion: 63 Resp: 222267
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.6 10.9
 100 4.4 2.5 7.5

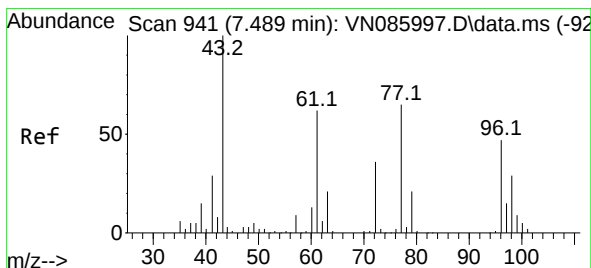
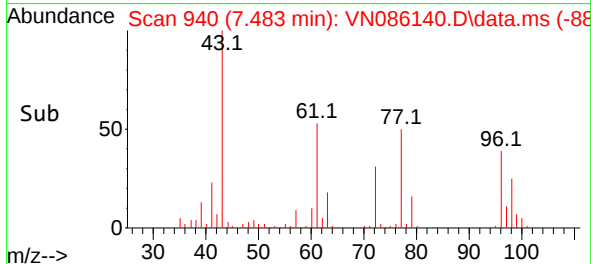
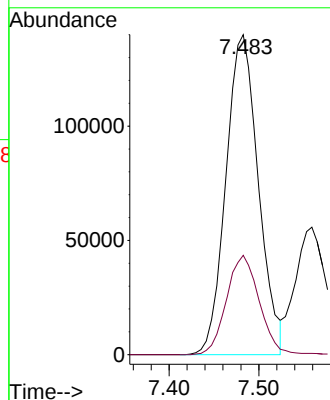
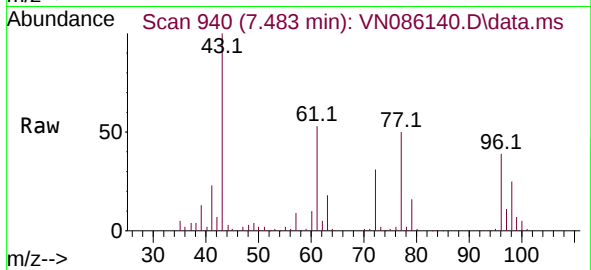




#25
2-Butanone
Concen: 267.129 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086140.D
Acq: 28 Mar 2025 10:44

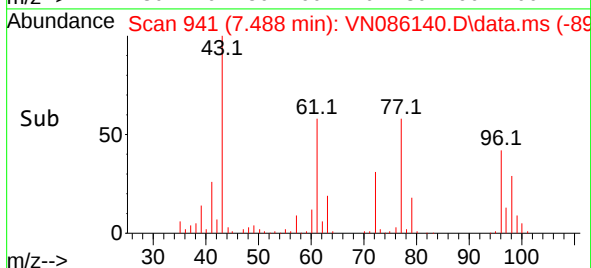
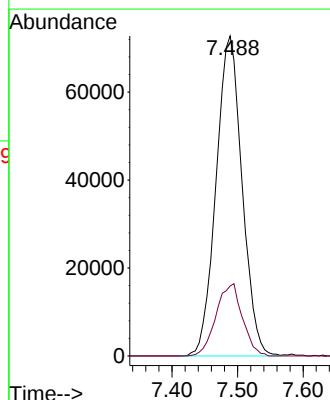
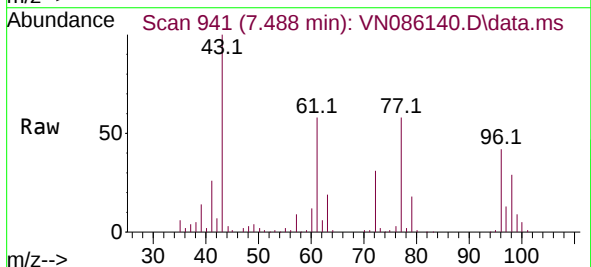
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 351958
Ion Ratio Lower Upper
43 100
72 31.0 27.4 41.0



#26
2,2-Dichloropropane
Concen: 47.604 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN086140.D
Acq: 28 Mar 2025 10:44

Tgt Ion: 77 Resp: 200348
Ion Ratio Lower Upper
77 100
97 22.8 11.2 33.5



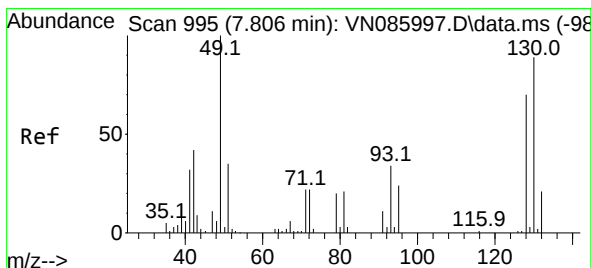
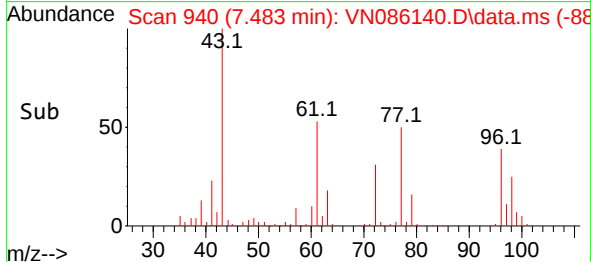
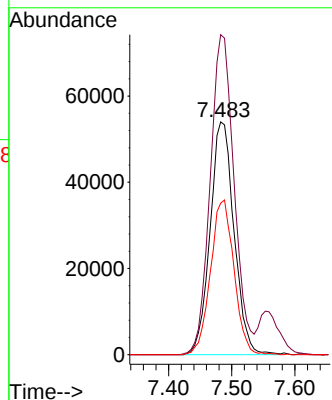
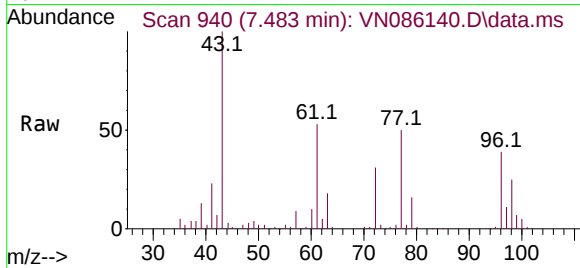


#27
 cis-1,2-Dichloroethene
 Concen: 51.259 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN086140.D
 Acq: 28 Mar 2025 10:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 142345

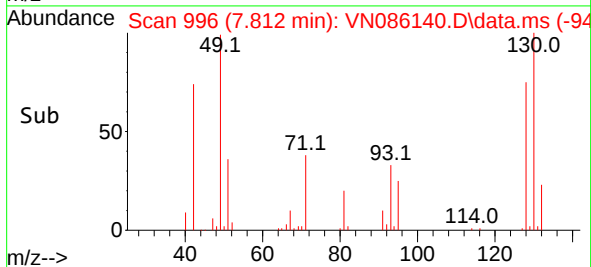
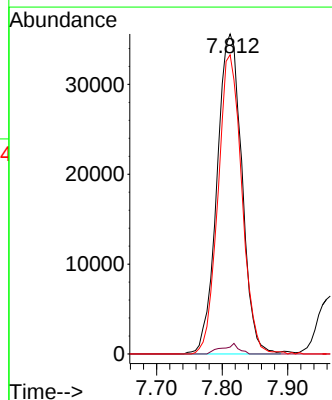
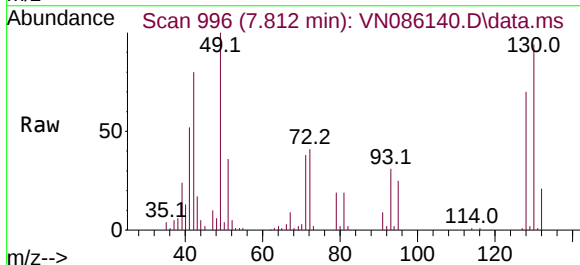
Ion	Ratio	Lower	Upper
96	100		
61	137.6	0.0	272.8
98	65.2	0.0	124.8

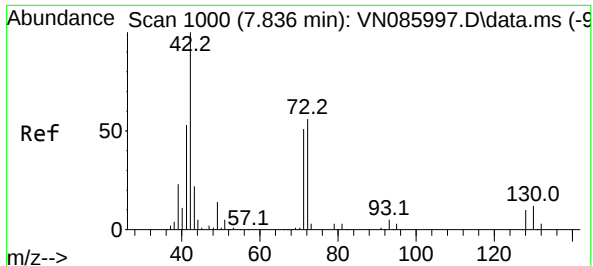


#28
 Bromochloromethane
 Concen: 50.665 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086140.D
 Acq: 28 Mar 2025 10:44

Tgt Ion: 49 Resp: 93838

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	89.3	74.2	111.4





#29

Tetrahydrofuran

Concen: 291.808 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086140.D

Acq: 28 Mar 2025 10:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

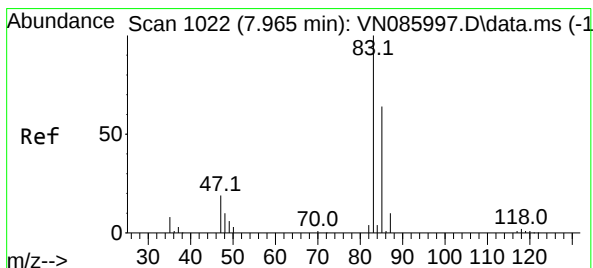
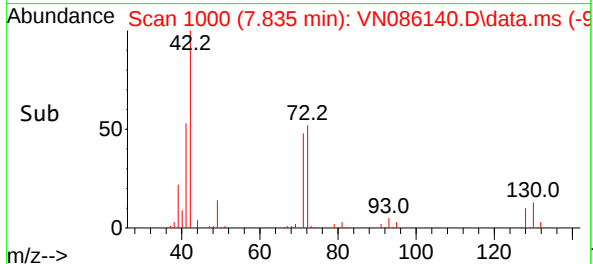
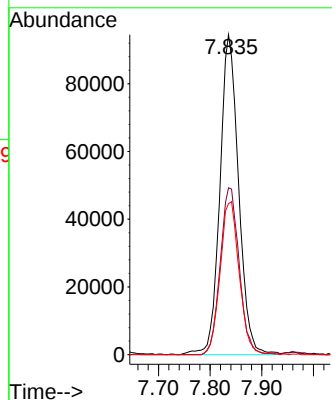
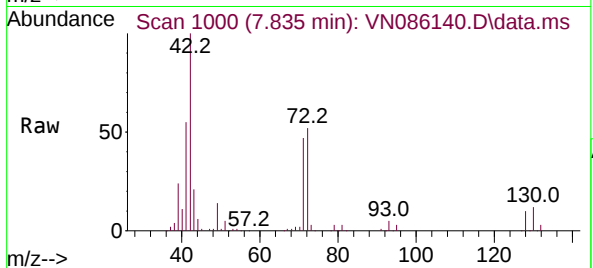
Tgt Ion: 42 Resp: 237361

Ion Ratio Lower Upper

42 100

72 52.6 45.0 67.4

71 48.9 41.9 62.9



#30

Chloroform

Concen: 50.121 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN086140.D

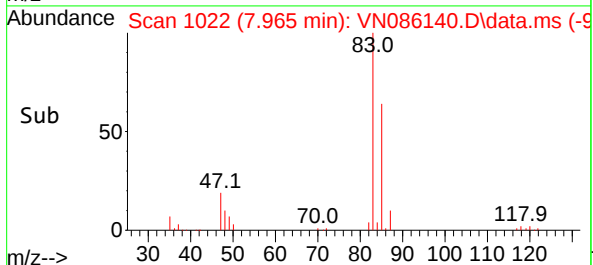
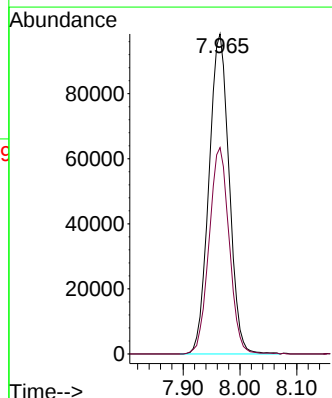
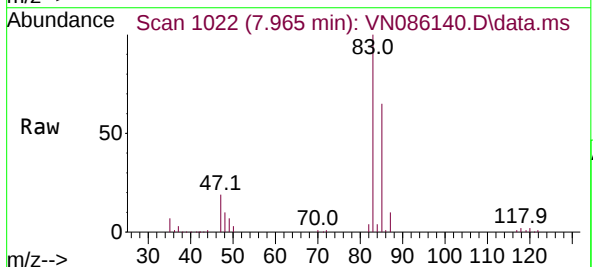
Acq: 28 Mar 2025 10:44

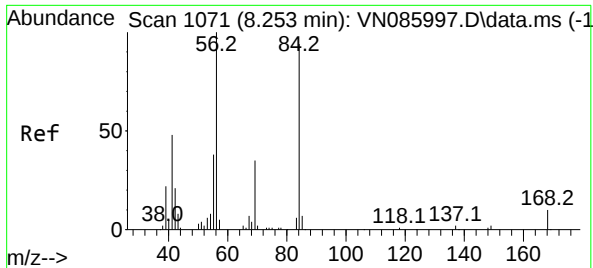
Tgt Ion: 83 Resp: 242183

Ion Ratio Lower Upper

83 100

85 64.5 51.5 77.3

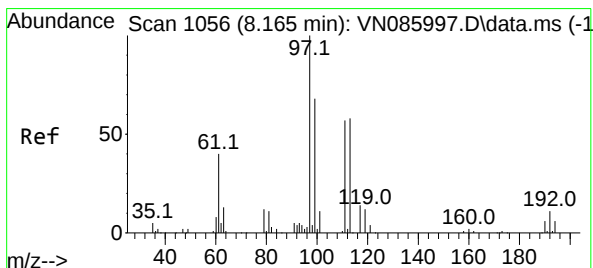
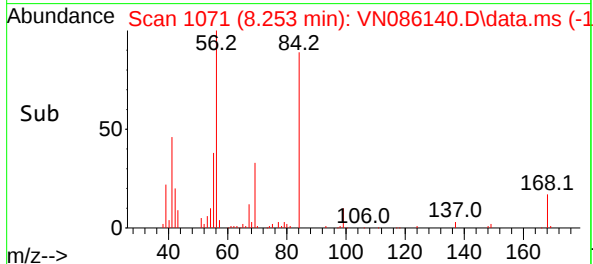
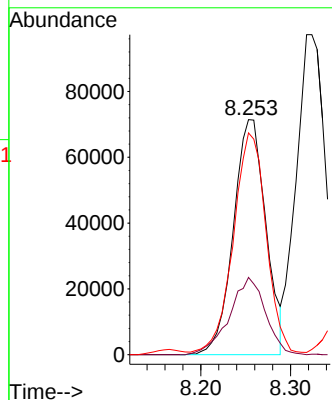
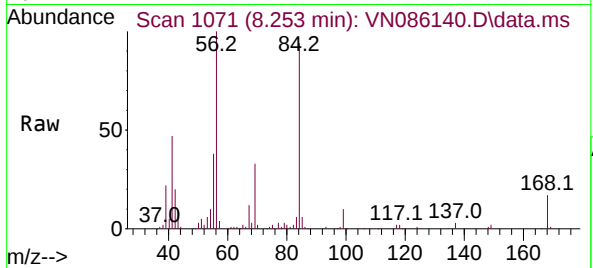




#31
Cyclohexane
Concen: 48.348 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086140.D
Acq: 28 Mar 2025 10:44

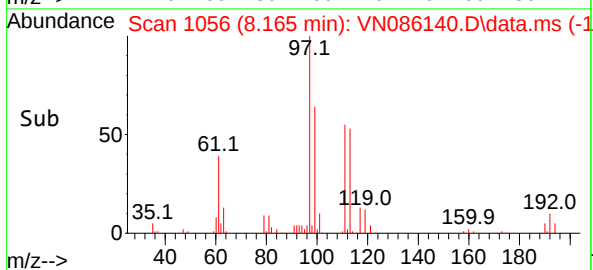
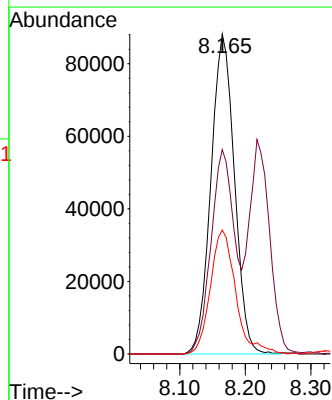
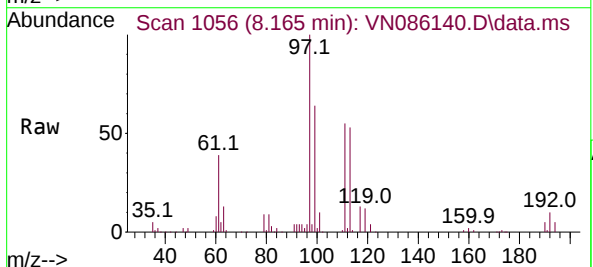
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

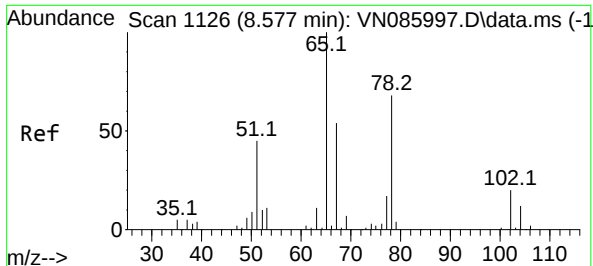
Tgt Ion: 56 Resp: 180052
Ion Ratio Lower Upper
56 100
69 32.9 28.0 42.0
84 92.9 75.0 112.6



#32
1,1,1-Trichloroethane
Concen: 47.982 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086140.D
Acq: 28 Mar 2025 10:44

Tgt Ion: 97 Resp: 219467
Ion Ratio Lower Upper
97 100
99 64.5 52.8 79.2
61 41.7 33.6 50.4





#33

1,2-Dichloroethane-d4

Concen: 44.950 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086140.D

Acq: 28 Mar 2025 10:44

Instrument :

MSVOA_N

ClientSampleId :

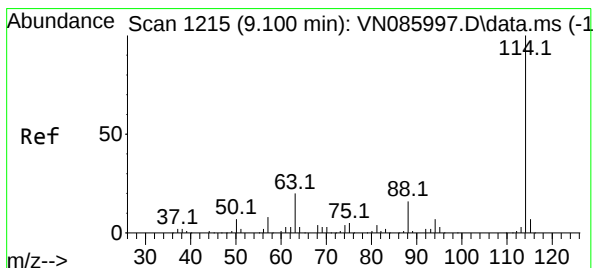
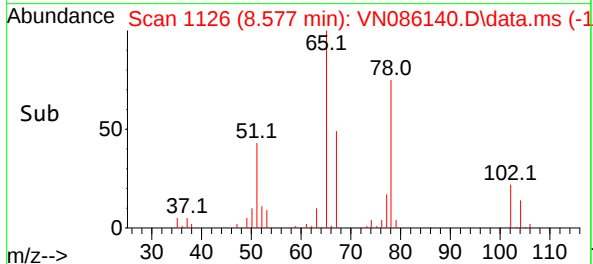
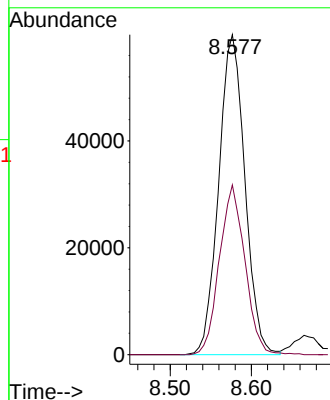
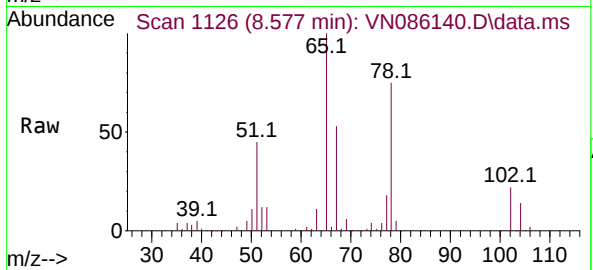
VSTDCCC050

Tgt Ion: 65 Resp: 134346

Ion Ratio Lower Upper

65 100

67 51.7 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086140.D

Acq: 28 Mar 2025 10:44

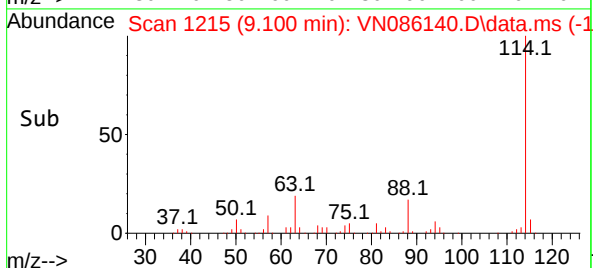
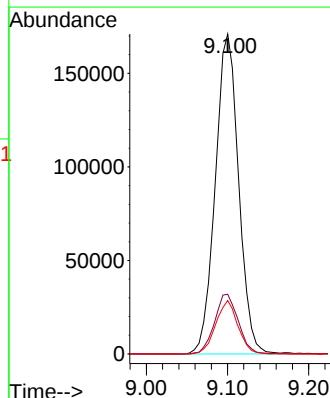
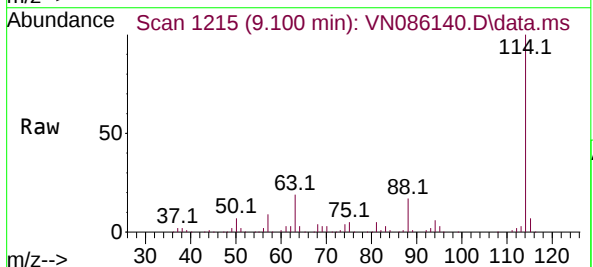
Tgt Ion: 114 Resp: 341726

Ion Ratio Lower Upper

114 100

63 18.6 0.0 39.6

88 16.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 47.053 ug/l

RT: 8.165 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086140.D

Acq: 28 Mar 2025 10:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

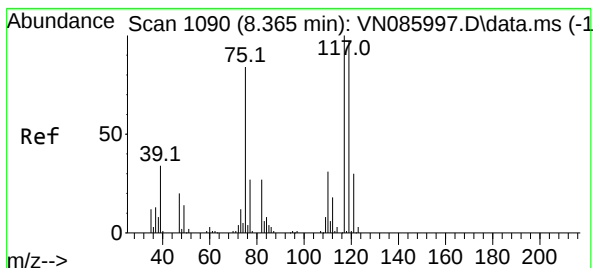
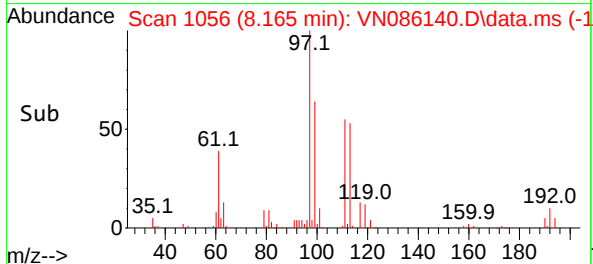
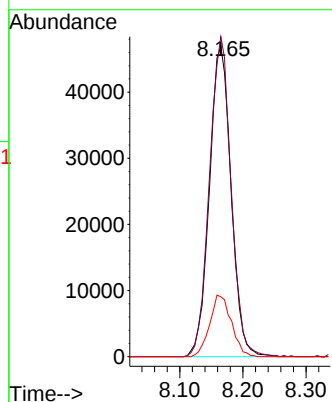
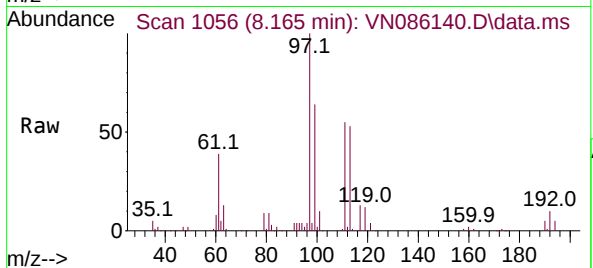
Tgt Ion:113 Resp: 112230

Ion Ratio Lower Upper

113 100

111 102.4 81.8 122.8

192 19.8 15.9 23.9



#36

1,1-Dichloropropene

Concen: 51.925 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.006 min

Lab File: VN086140.D

Acq: 28 Mar 2025 10:44

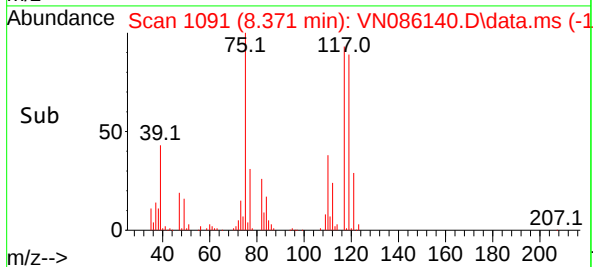
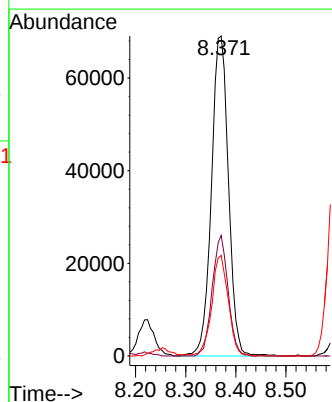
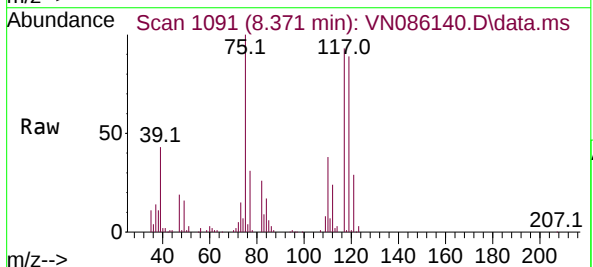
Tgt Ion: 75 Resp: 163082

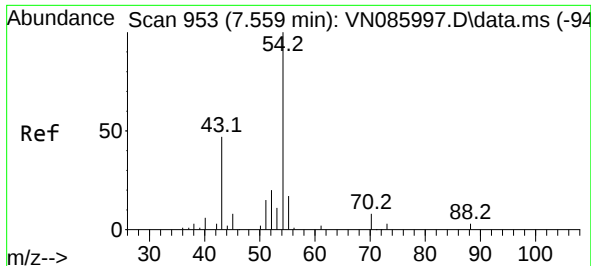
Ion Ratio Lower Upper

75 100

110 35.0 17.8 53.3

77 30.6 25.0 37.4

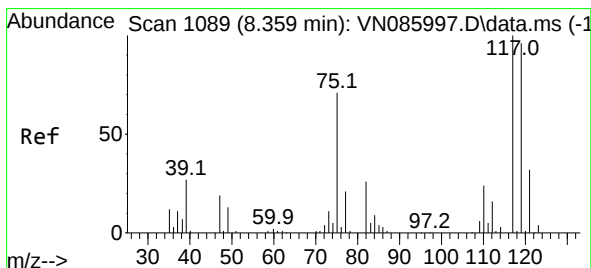
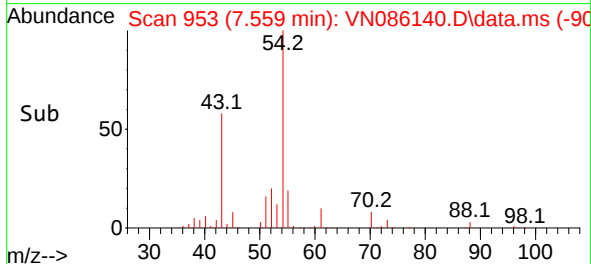
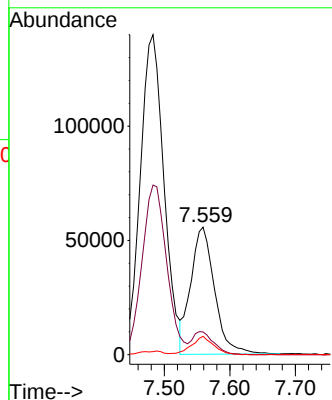
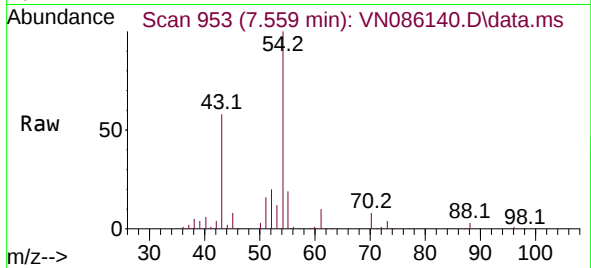




#37
Ethyl Acetate
Concen: 53.149 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086140.D
Acq: 28 Mar 2025 10:44

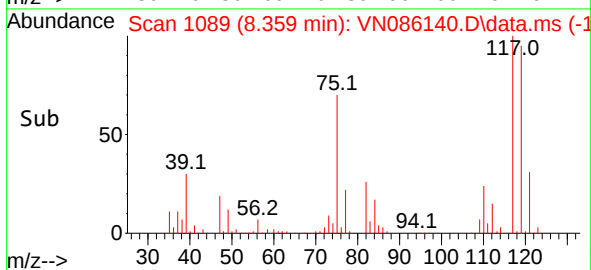
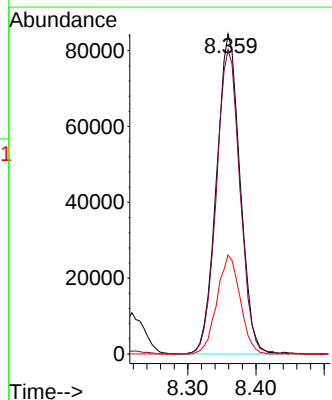
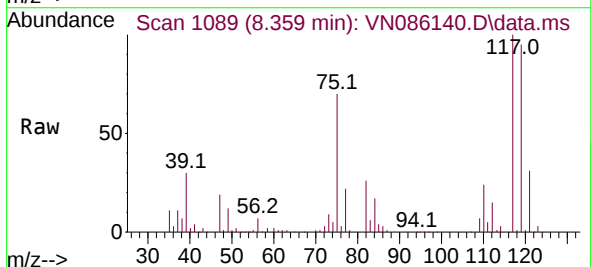
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

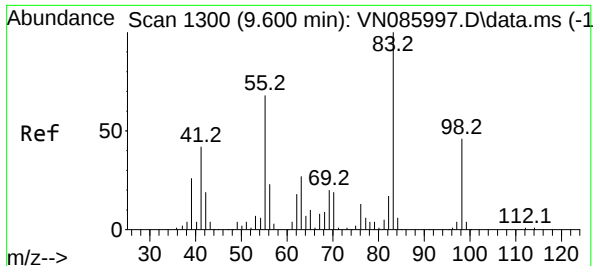
Tgt Ion: 43 Resp: 140827
Ion Ratio Lower Upper
43 100
61 16.1 13.0 19.4
70 13.4 11.0 16.6



#38
Carbon Tetrachloride
Concen: 49.277 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN086140.D
Acq: 28 Mar 2025 10:44

Tgt Ion: 117 Resp: 203489
Ion Ratio Lower Upper
117 100
119 95.1 77.0 115.4
121 30.9 25.6 38.4





#39

Methylcyclohexane

Concen: 52.610 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN086140.D

Acq: 28 Mar 2025 10:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

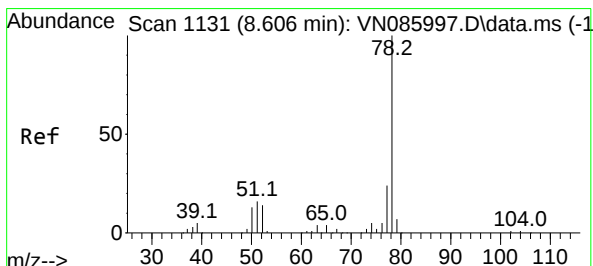
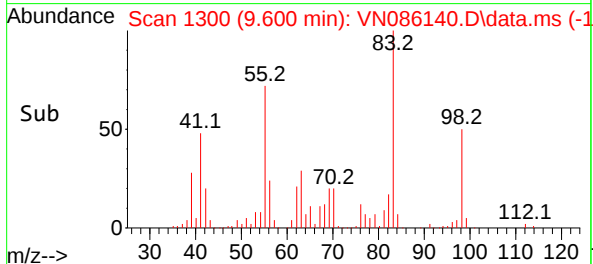
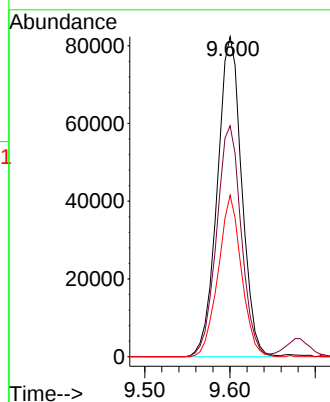
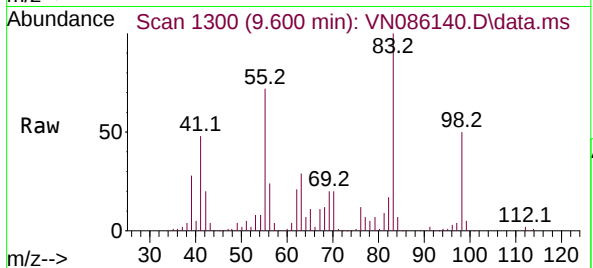
Tgt Ion: 83 Resp: 163933

Ion Ratio Lower Upper

83 100

55 72.1 54.2 81.2

98 50.5 37.1 55.7



#40

Benzene

Concen: 52.863 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN086140.D

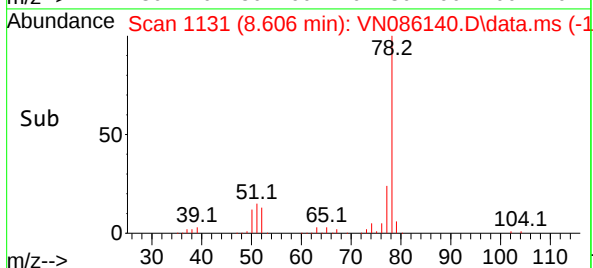
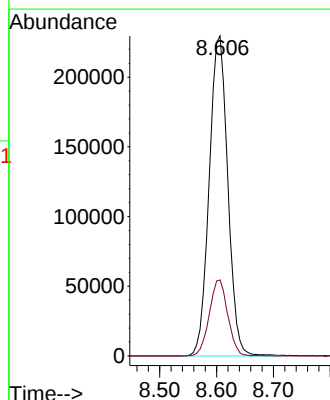
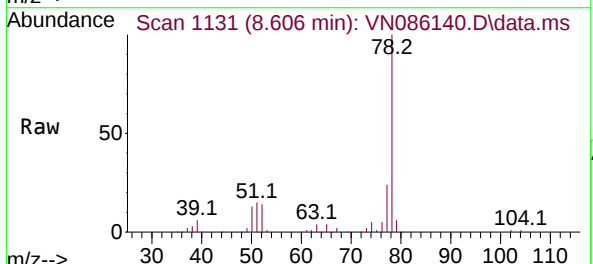
Acq: 28 Mar 2025 10:44

Tgt Ion: 78 Resp: 521201

Ion Ratio Lower Upper

78 100

77 23.7 18.9 28.3

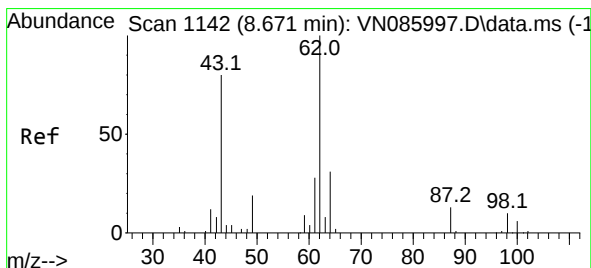
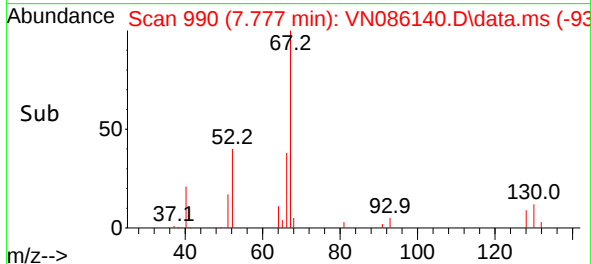
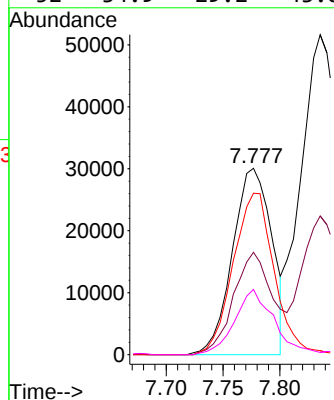
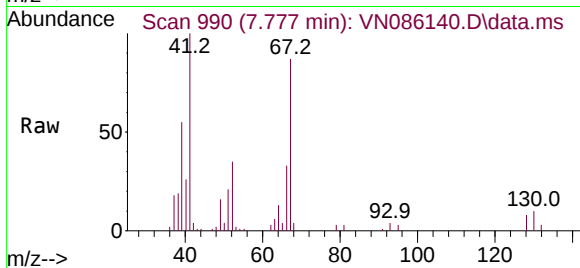




#41
Methacrylonitrile
Concen: 57.121 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN086140.D
Acq: 28 Mar 2025 10:44

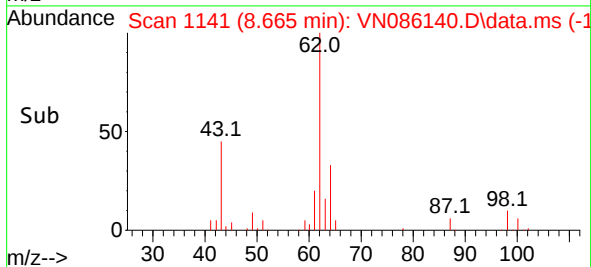
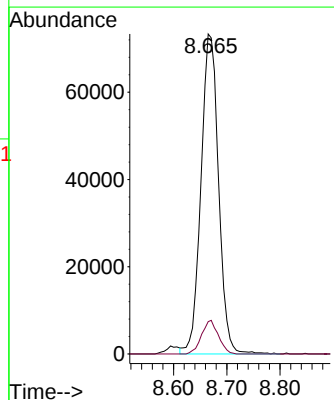
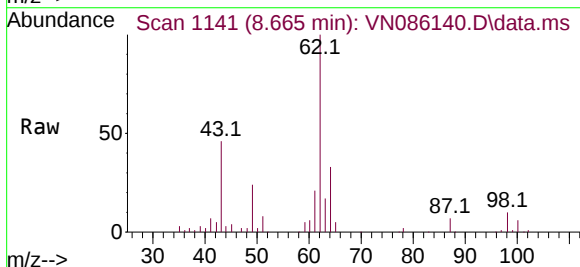
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

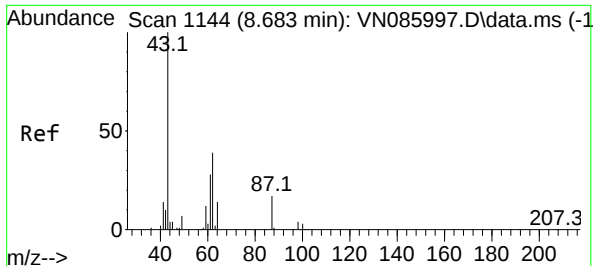
Tgt Ion:	41	Resp:	72271
Ion	Ratio	Lower	Upper
41	100		
39	55.9	46.2	69.2
67	90.5	75.9	113.9
52	34.9	29.2	43.8



#42
1,2-Dichloroethane
Concen: 49.009 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN086140.D
Acq: 28 Mar 2025 10:44

Tgt Ion:	62	Resp:	168370
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	18.6





#43

Isopropyl Acetate

Concen: 40.654 ug/l

RT: 8.682 min Scan# 1144

Delta R.T. -0.000 min

Lab File: VN086140.D

Acq: 28 Mar 2025 10:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

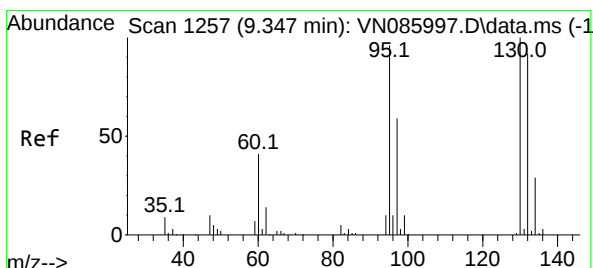
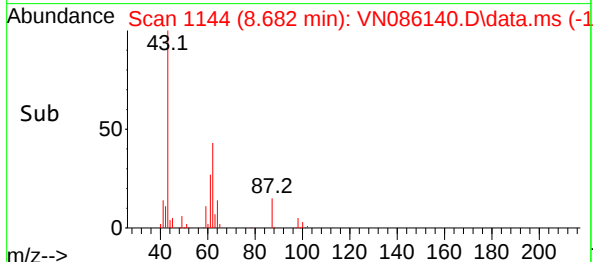
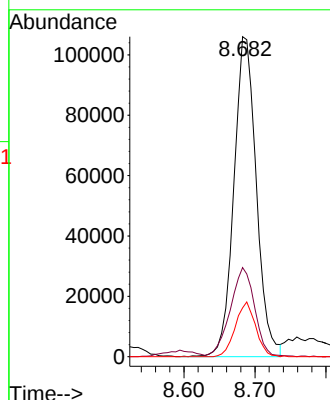
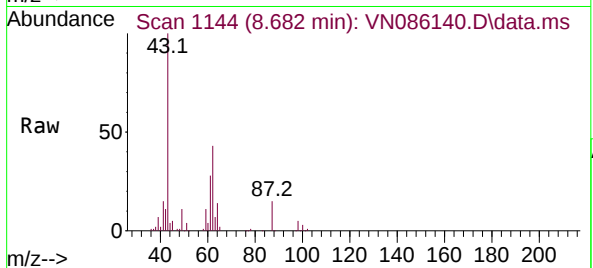
Tgt Ion: 43 Resp: 233419

Ion Ratio Lower Upper

43 100

61 30.2 25.0 37.6

87 15.5 13.0 19.4



#44

Trichloroethene

Concen: 47.968 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.006 min

Lab File: VN086140.D

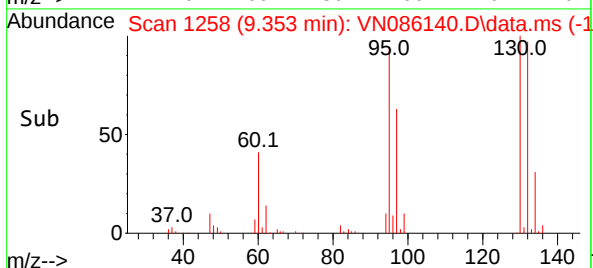
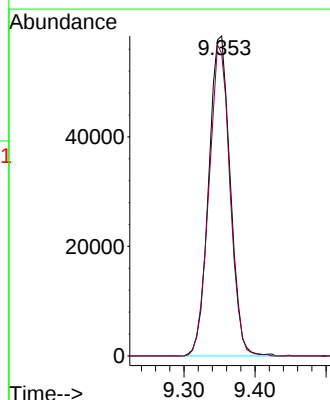
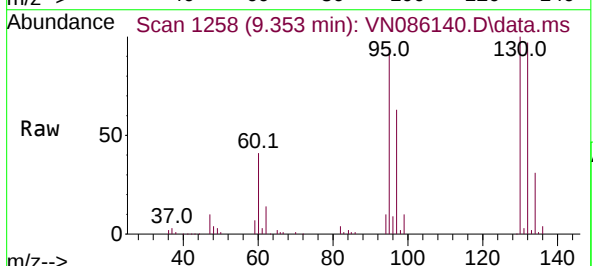
Acq: 28 Mar 2025 10:44

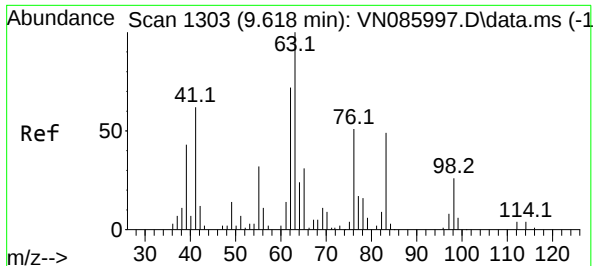
Tgt Ion:130 Resp: 122575

Ion Ratio Lower Upper

130 100

95 94.5 0.0 191.6





#45

1,2-Dichloropropane

Concen: 56.019 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086140.D

Acq: 28 Mar 2025 10:44

Instrument :

MSVOA_N

ClientSampleId :

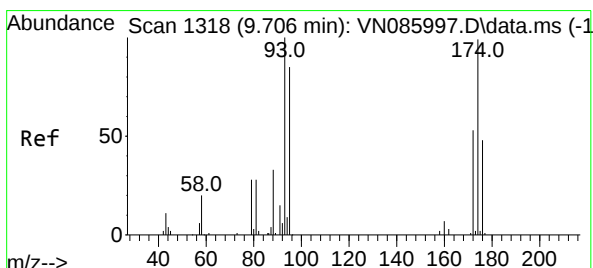
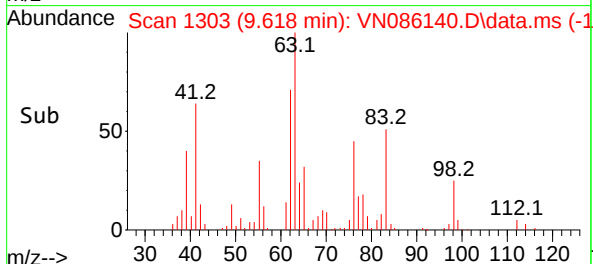
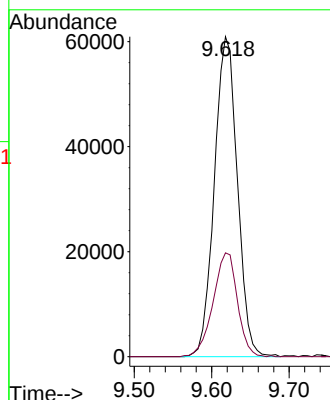
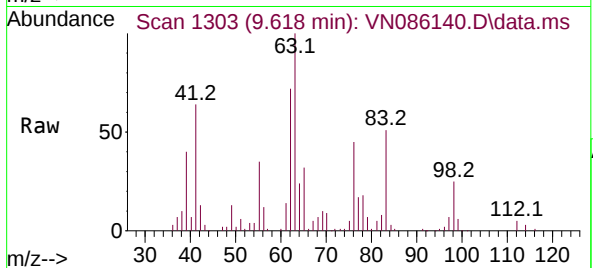
VSTDCCC050

Tgt Ion: 63 Resp: 125621

Ion Ratio Lower Upper

63 100

65 32.5 24.7 37.1



#46

Dibromomethane

Concen: 53.497 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086140.D

Acq: 28 Mar 2025 10:44

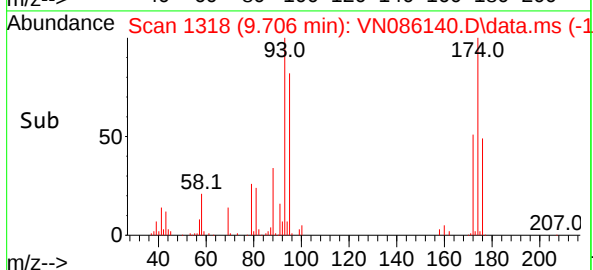
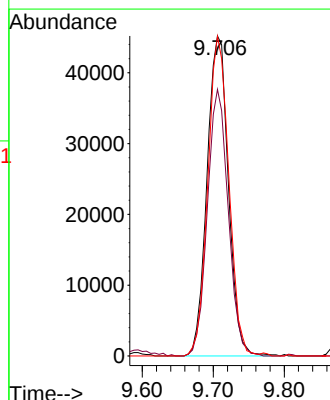
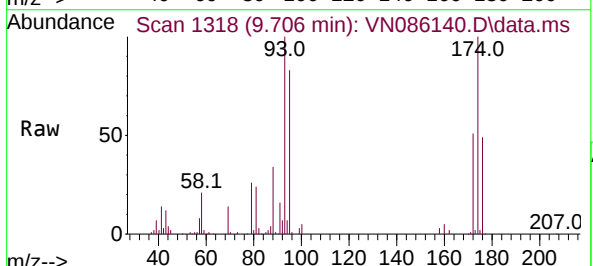
Tgt Ion: 93 Resp: 94345

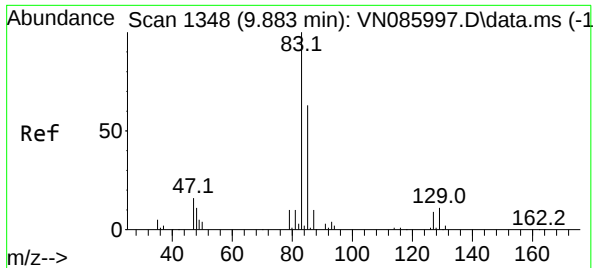
Ion Ratio Lower Upper

93 100

95 81.5 66.2 99.2

174 98.1 80.1 120.1

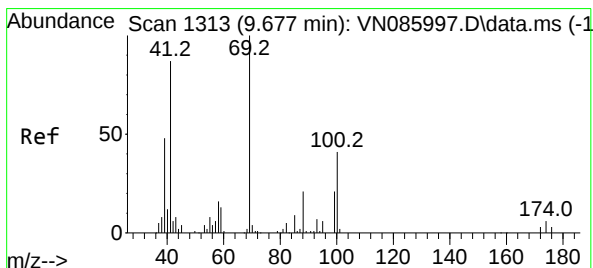
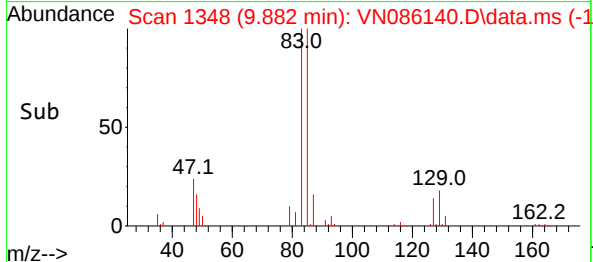
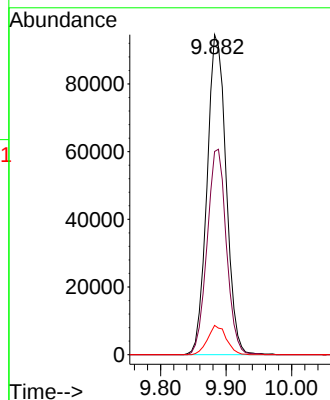
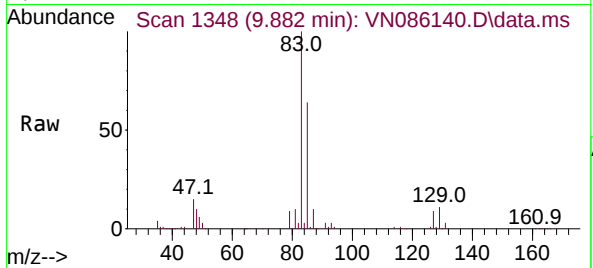




#47
Bromodichloromethane
Concen: 51.864 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN086140.D
Acq: 28 Mar 2025 10:44

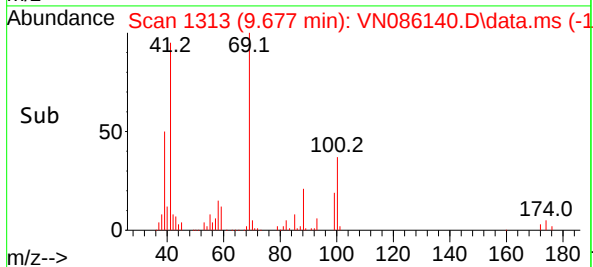
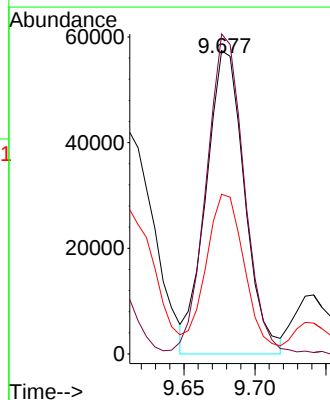
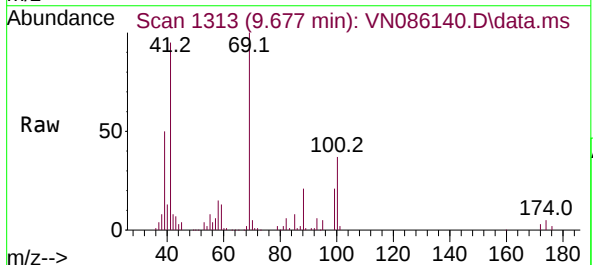
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

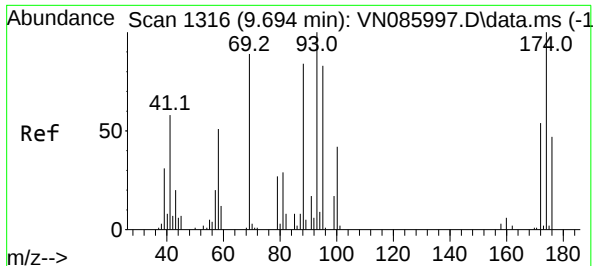
Tgt Ion: 83 Resp: 191158
Ion Ratio Lower Upper
83 100
85 63.5 50.2 75.2
127 9.1 7.1 10.7



#48
Methyl methacrylate
Concen: 57.195 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086140.D
Acq: 28 Mar 2025 10:44

Tgt Ion: 41 Resp: 108367
Ion Ratio Lower Upper
41 100
69 104.4 83.1 124.7
39 53.7 45.6 68.4





#49

1,4-Dioxane

Concen: 1187.958 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.006 min

Lab File: VN086140.D

Acq: 28 Mar 2025 10:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

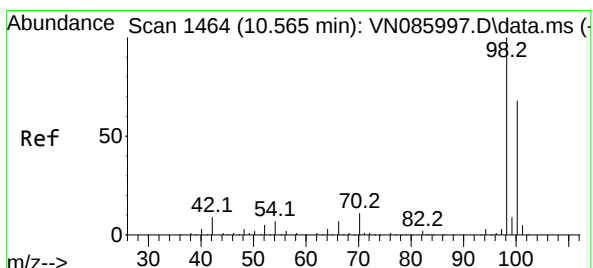
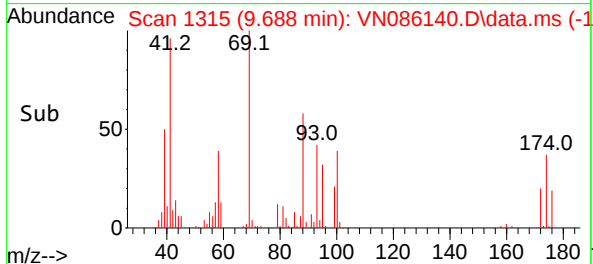
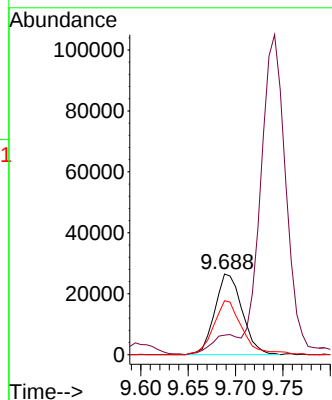
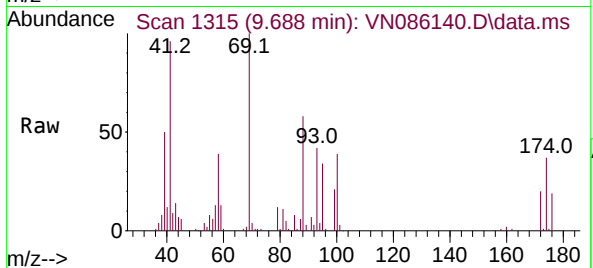
Tgt Ion: 88 Resp: 53208

Ion Ratio Lower Upper

88 100

43 26.2 21.7 32.5

58 70.1 50.4 75.6



#50

Toluene-d8

Concen: 49.339 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086140.D

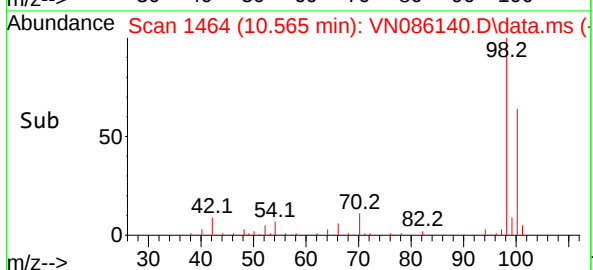
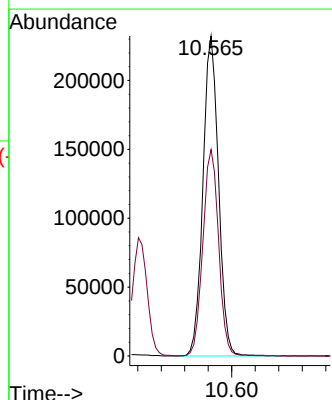
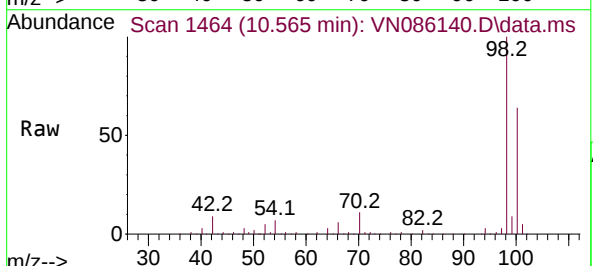
Acq: 28 Mar 2025 10:44

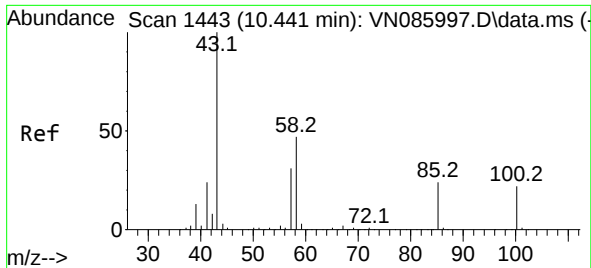
Tgt Ion: 98 Resp: 427108

Ion Ratio Lower Upper

98 100

100 65.2 53.1 79.7

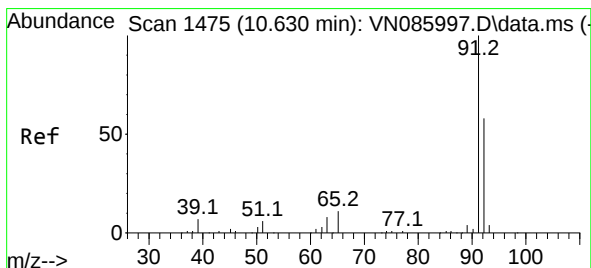
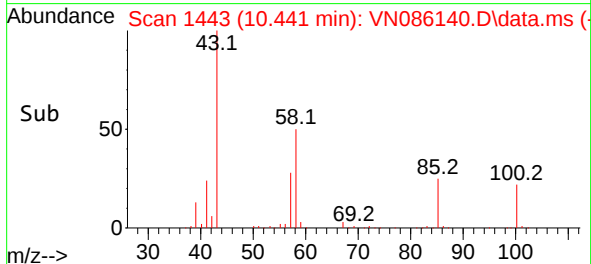
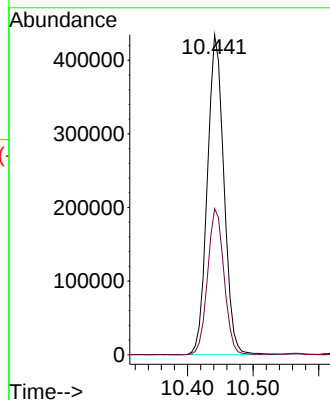
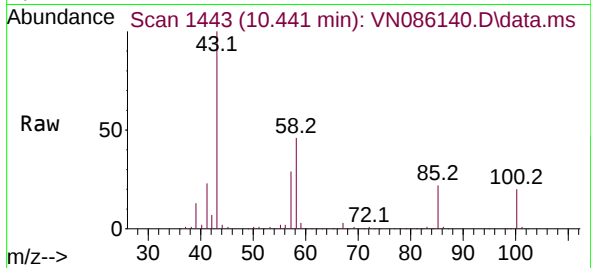




#51
4-Methyl-2-Pentanone
Concen: 301.956 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086140.D
Acq: 28 Mar 2025 10:44

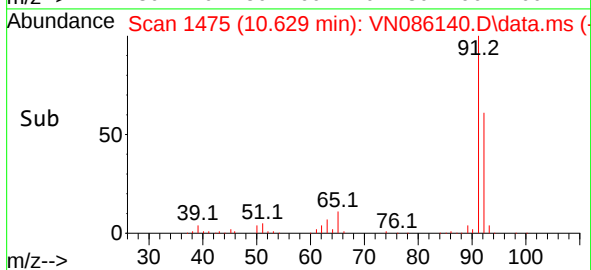
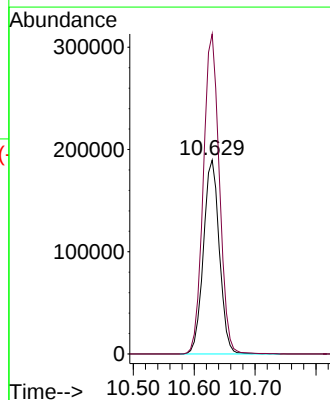
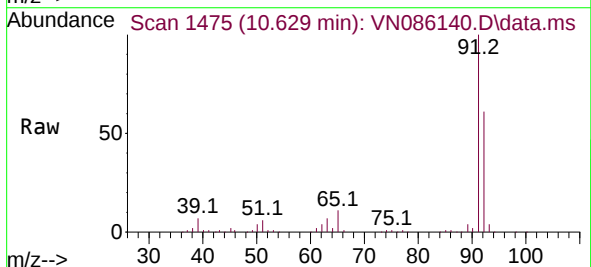
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

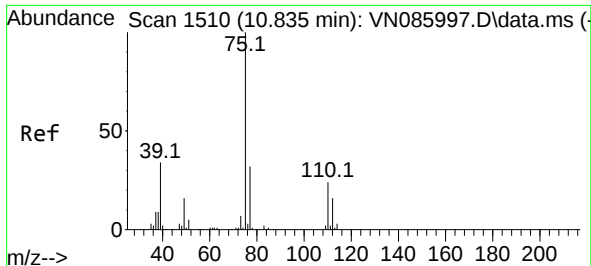
Tgt Ion: 43 Resp: 764611
Ion Ratio Lower Upper
43 100
58 45.3 37.4 56.0



#52
Toluene
Concen: 56.980 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086140.D
Acq: 28 Mar 2025 10:44

Tgt Ion: 92 Resp: 344803
Ion Ratio Lower Upper
92 100
91 166.6 136.2 204.4

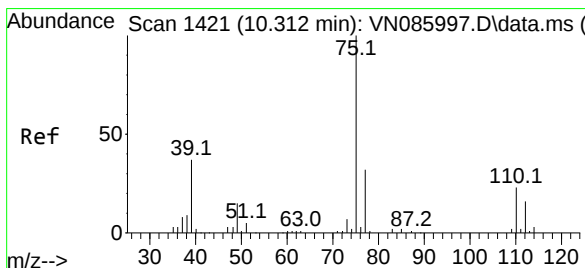
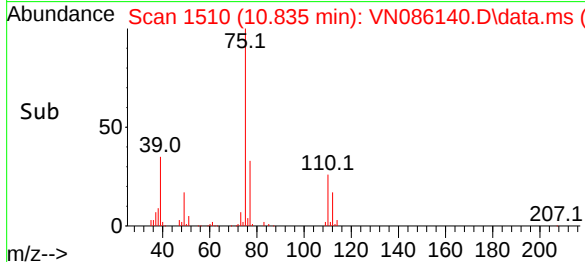
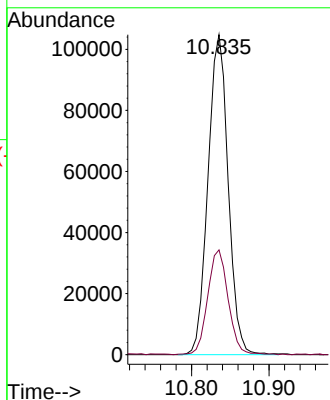
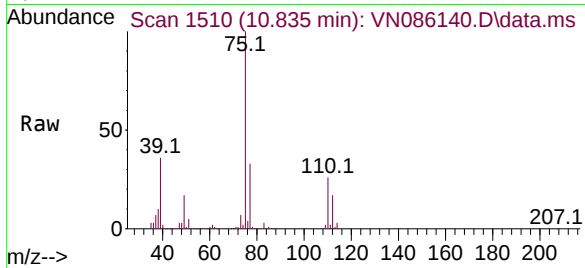




#53
t-1,3-Dichloropropene
Concen: 52.997 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN086140.D
Acq: 28 Mar 2025 10:44

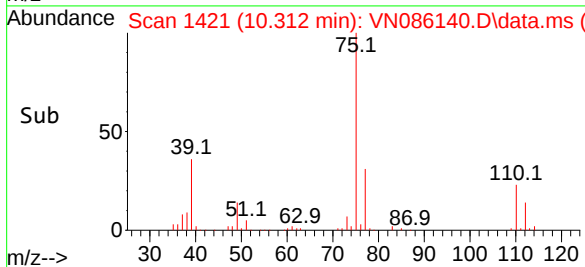
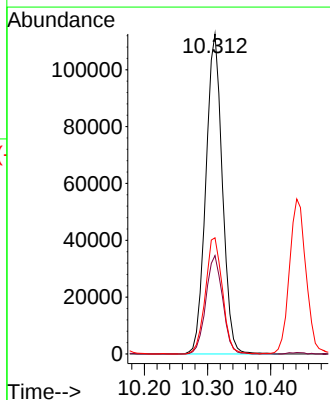
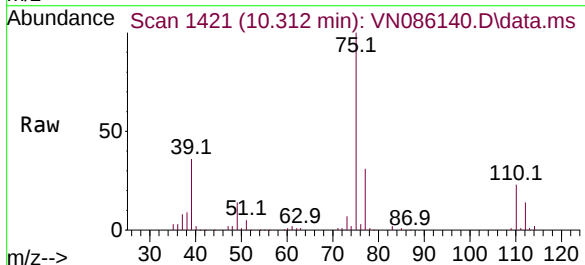
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

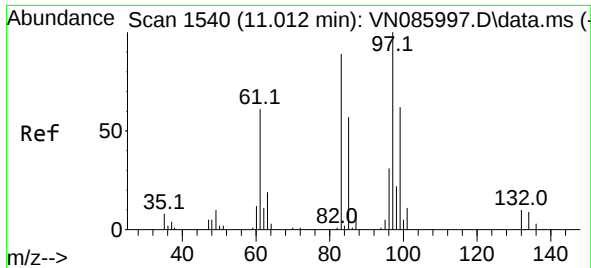
Tgt Ion: 75 Resp: 189701
Ion Ratio Lower Upper
75 100
77 32.8 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 54.061 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN086140.D
Acq: 28 Mar 2025 10:44

Tgt Ion: 75 Resp: 204166
Ion Ratio Lower Upper
75 100
77 30.7 25.3 37.9
39 36.3 29.6 44.4

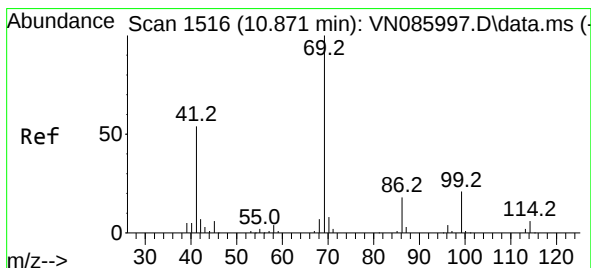
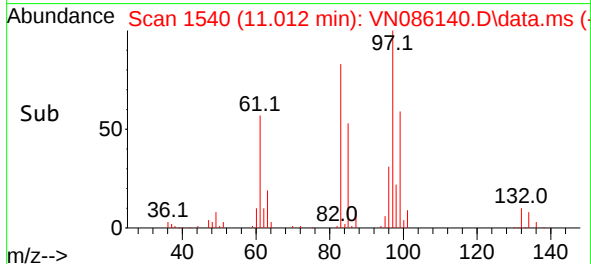
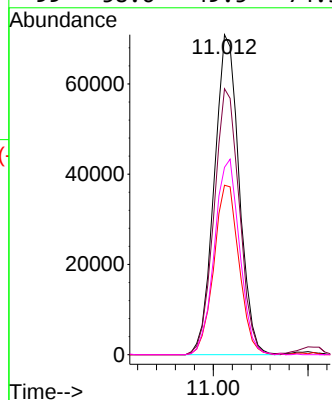
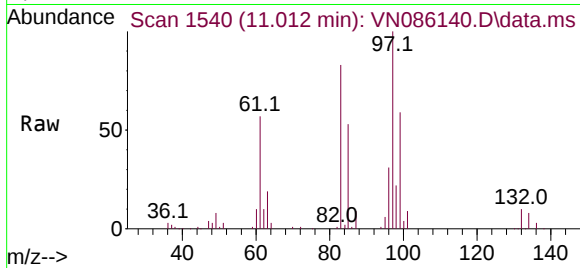




#55
1,1,2-Trichloroethane
Concen: 56.002 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086140.D
Acq: 28 Mar 2025 10:44

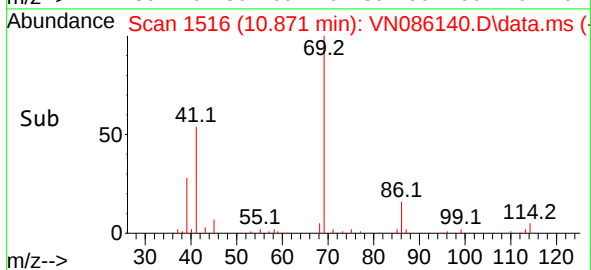
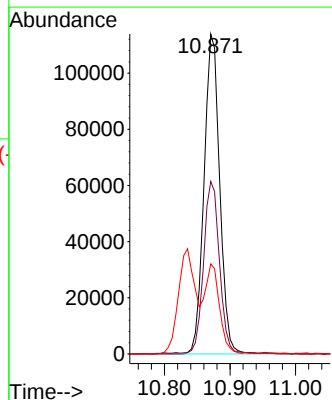
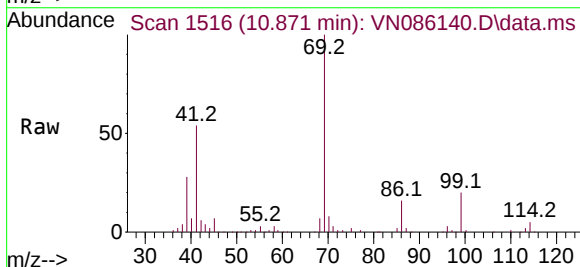
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

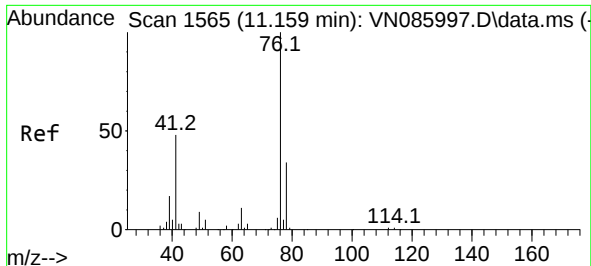
Tgt Ion:	97	Resp:	129344
Ion	Ratio	Lower	Upper
97	100		
83	83.1	71.2	106.8
85	52.9	45.4	68.0
99	58.6	49.5	74.3



#56
Ethyl methacrylate
Concen: 52.177 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086140.D
Acq: 28 Mar 2025 10:44

Tgt Ion:	69	Resp:	189636
Ion	Ratio	Lower	Upper
69	100		
41	54.0	41.6	62.4
39	26.6	21.8	32.8

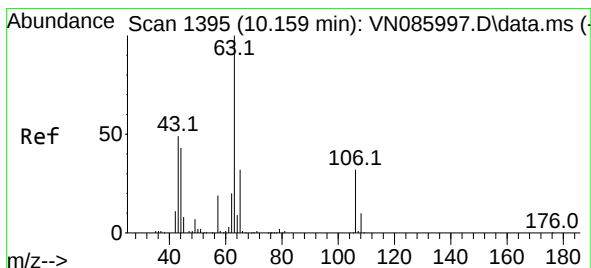
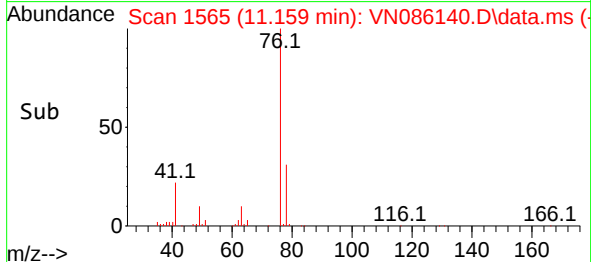
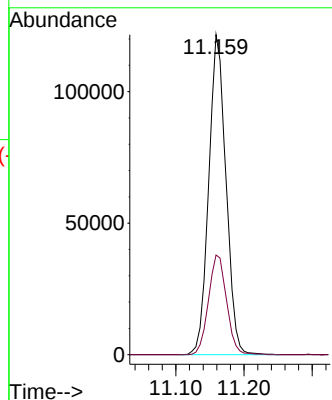
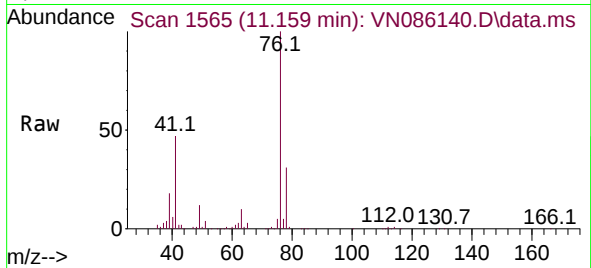




#57
1,3-Dichloropropane
Concen: 54.554 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN086140.D
Acq: 28 Mar 2025 10:44

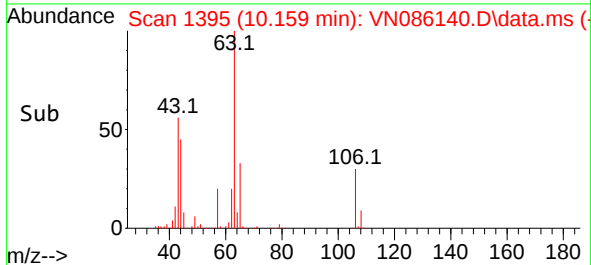
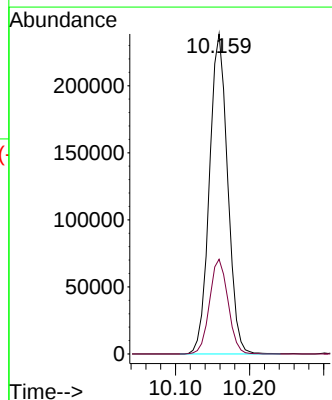
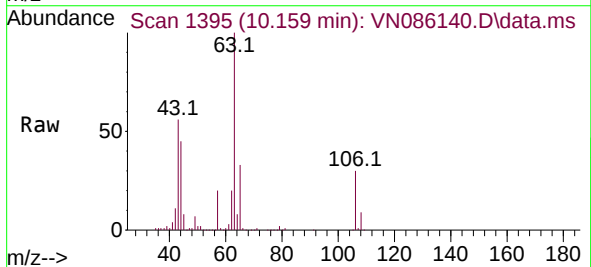
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

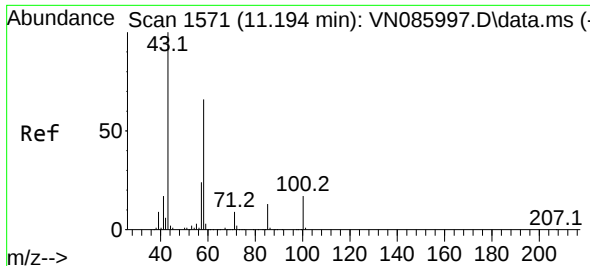
Tgt Ion: 76 Resp: 214007
Ion Ratio Lower Upper
76 100
78 32.7 25.8 38.6



#58
2-Chloroethyl Vinyl ether
Concen: 286.551 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN086140.D
Acq: 28 Mar 2025 10:44

Tgt Ion: 63 Resp: 407237
Ion Ratio Lower Upper
63 100
106 29.9 25.0 37.6

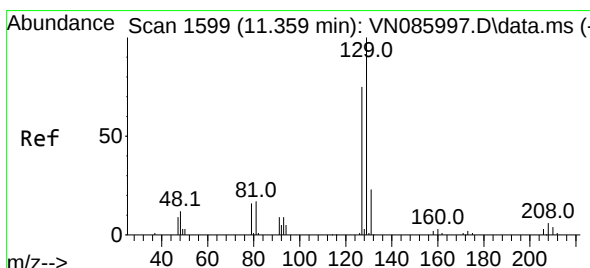
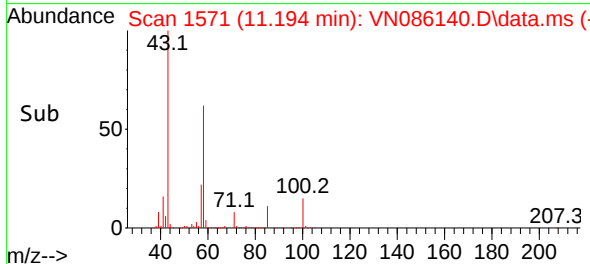
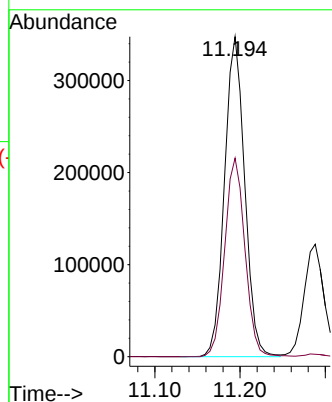
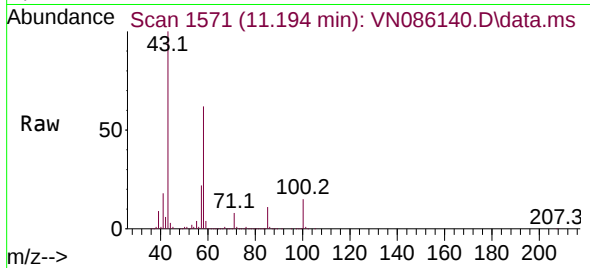




#59
2-Hexanone
Concen: 310.491 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086140.D
Acq: 28 Mar 2025 10:44

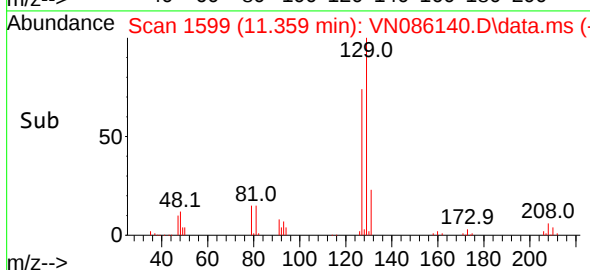
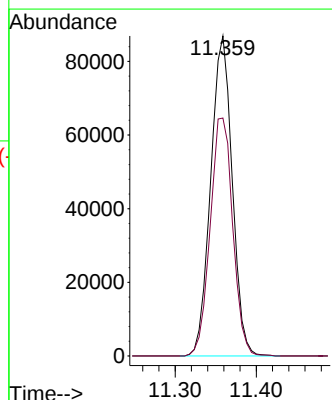
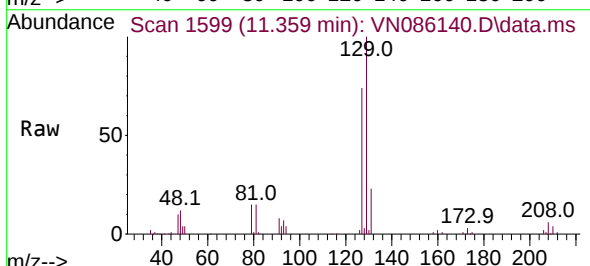
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

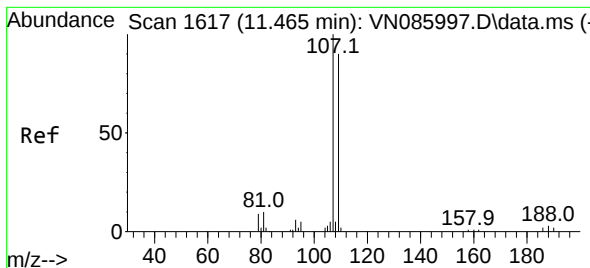
Tgt Ion: 43 Resp: 572758
Ion Ratio Lower Upper
43 100
58 62.2 32.4 97.2



#60
Dibromochloromethane
Concen: 53.688 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086140.D
Acq: 28 Mar 2025 10:44

Tgt Ion:129 Resp: 160006
Ion Ratio Lower Upper
129 100
127 78.0 37.8 113.4





#61

1,2-Dibromoethane

Concen: 54.221 ug/l

RT: 11.471 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN086140.D

Acq: 28 Mar 2025 10:44

Instrument :

MSVOA_N

ClientSampleId :

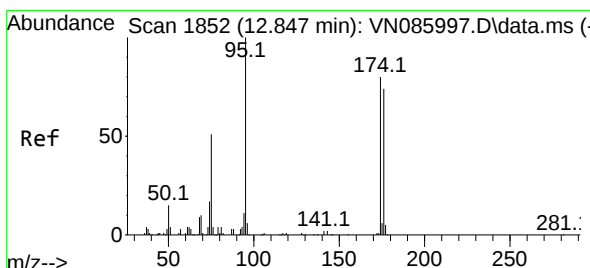
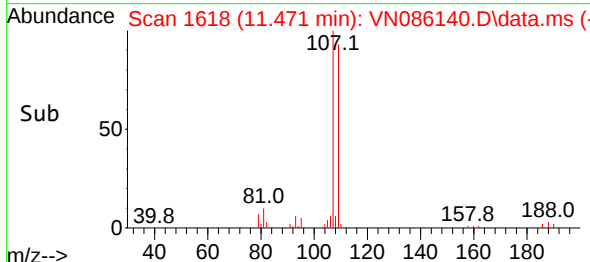
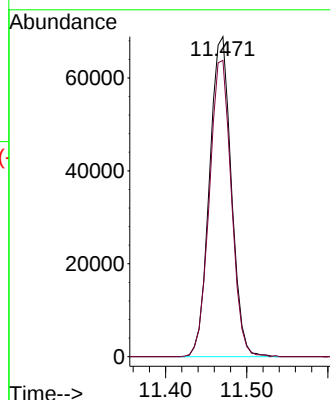
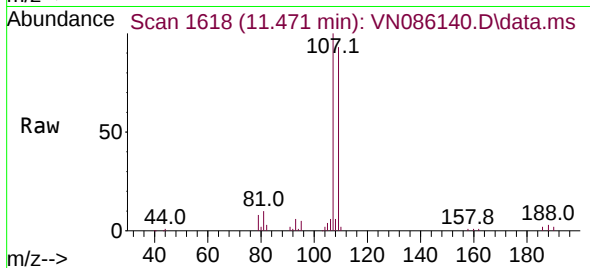
VSTDCCC050

Tgt Ion:107 Resp: 128563

Ion Ratio Lower Upper

107 100

109 93.1 73.3 109.9



#62

4-Bromofluorobenzene

Concen: 50.784 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN086140.D

Acq: 28 Mar 2025 10:44

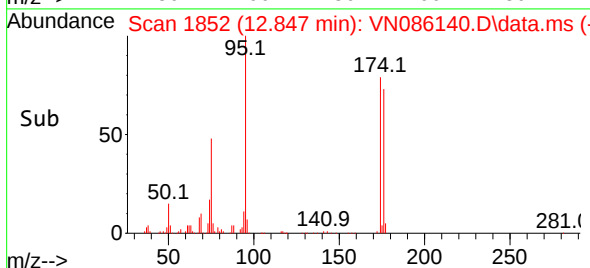
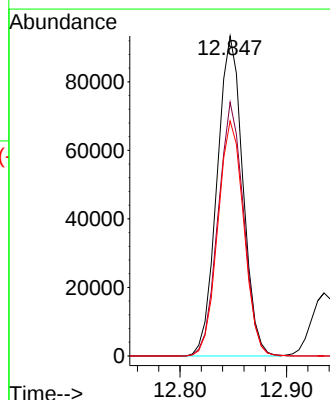
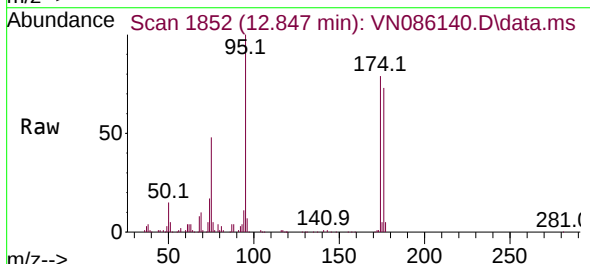
Tgt Ion: 95 Resp: 156781

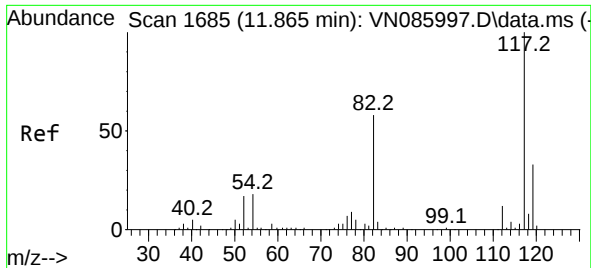
Ion Ratio Lower Upper

95 100

174 78.3 0.0 156.8

176 73.9 0.0 152.2

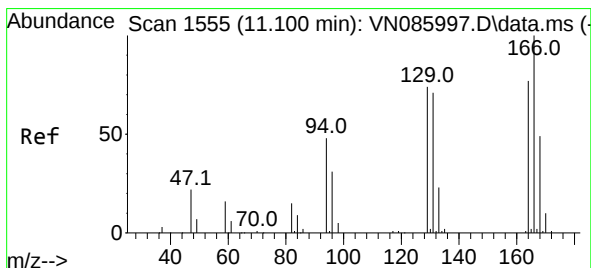
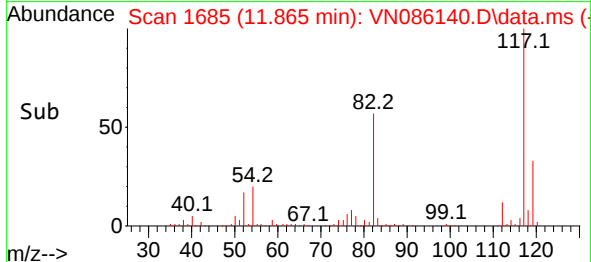
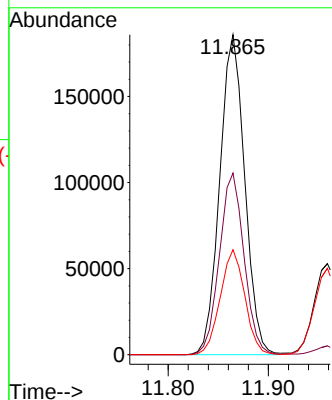
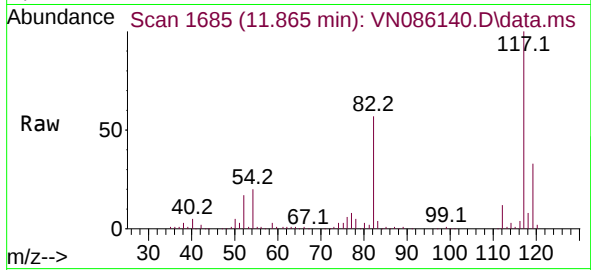




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086140.D
Acq: 28 Mar 2025 10:44

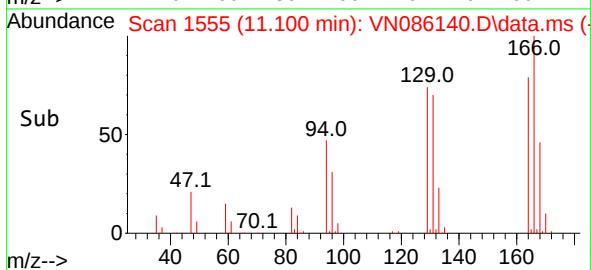
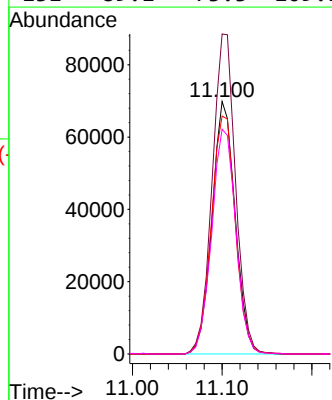
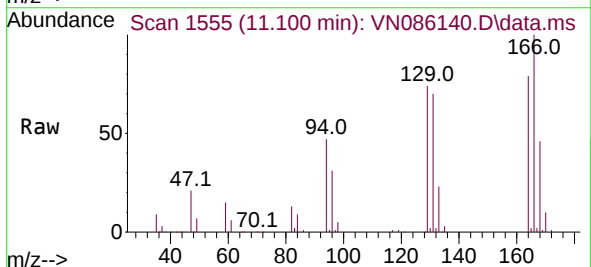
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

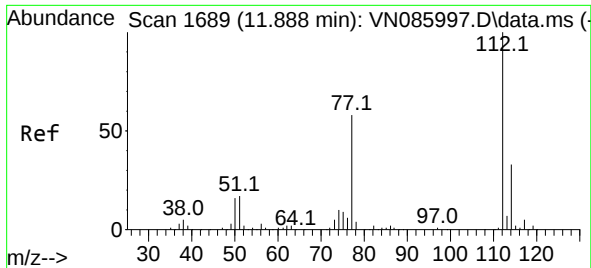
Tgt Ion:117 Resp: 321573
Ion Ratio Lower Upper
117 100
82 56.8 46.7 70.1
119 32.8 26.5 39.7



#64
Tetrachloroethene
Concen: 48.733 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086140.D
Acq: 28 Mar 2025 10:44

Tgt Ion:164 Resp: 125011
Ion Ratio Lower Upper
164 100
166 126.8 103.7 155.5
129 94.2 77.1 115.7
131 89.1 73.3 109.9

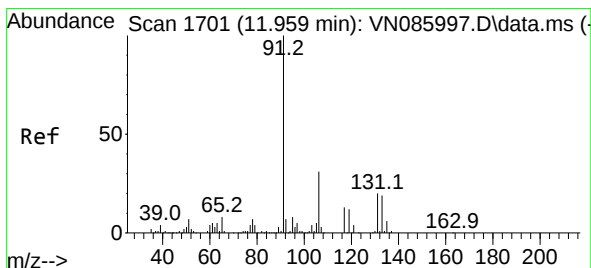
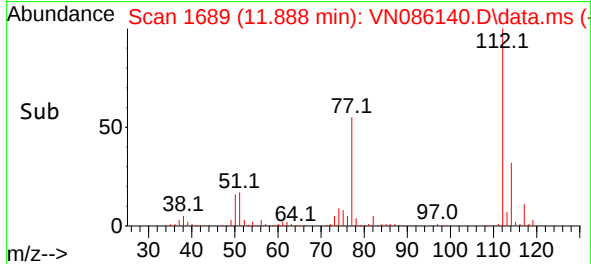
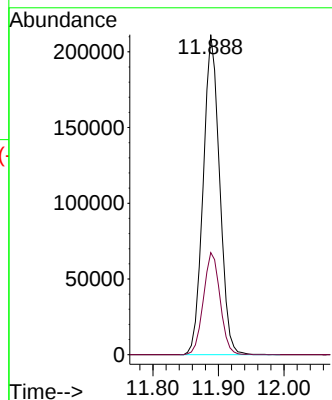
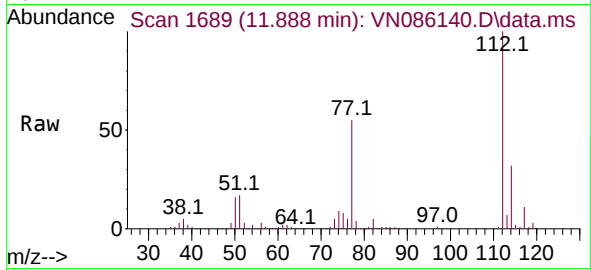




#65
Chlorobenzene
Concen: 50.066 ug/l
RT: 11.888 min Scan# 112
Delta R.T. -0.000 min
Lab File: VN086140.D
Acq: 28 Mar 2025 10:44

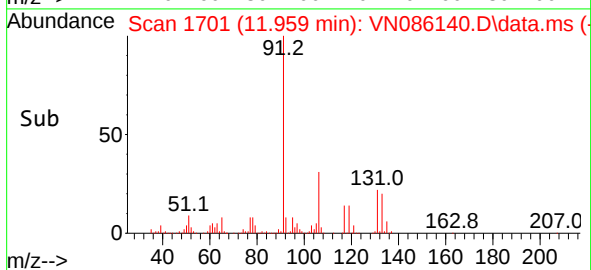
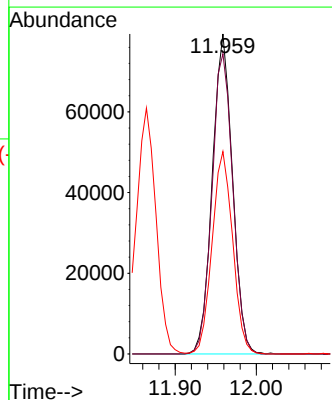
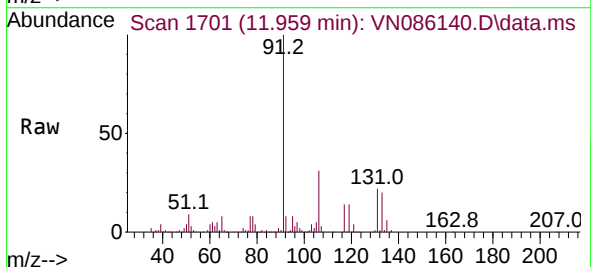
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

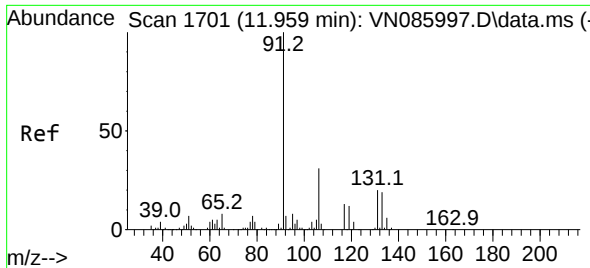
Tgt Ion:112 Resp: 368410
Ion Ratio Lower Upper
112 100
114 31.9 26.3 39.5



#66
1,1,1,2-Tetrachloroethane
Concen: 50.116 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086140.D
Acq: 28 Mar 2025 10:44

Tgt Ion:131 Resp: 137086
Ion Ratio Lower Upper
131 100
133 96.7 47.0 141.0
119 64.4 31.4 94.0

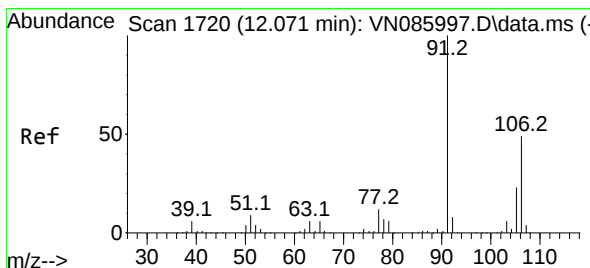
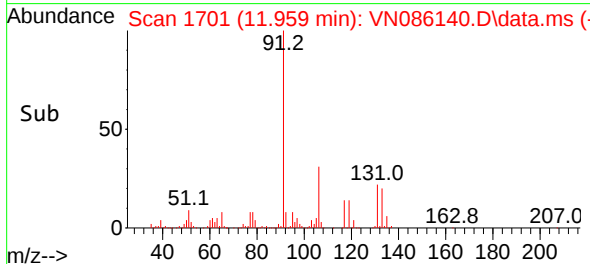
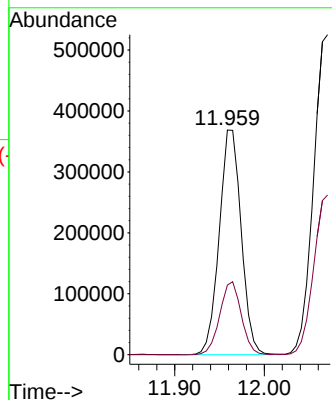
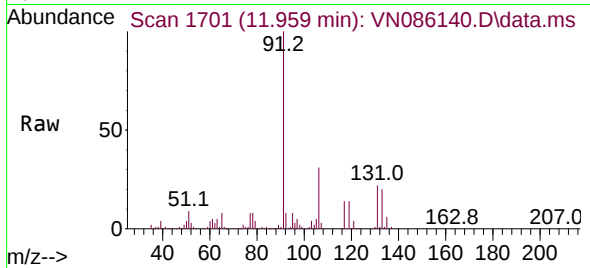




#67
Ethyl Benzene
Concen: 53.301 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086140.D
Acq: 28 Mar 2025 10:44

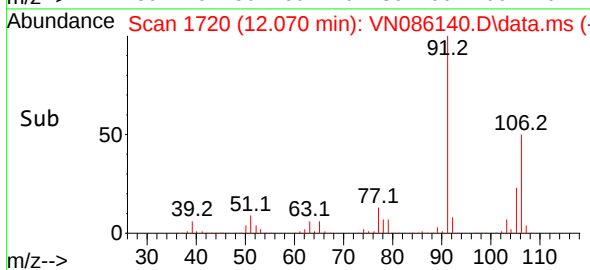
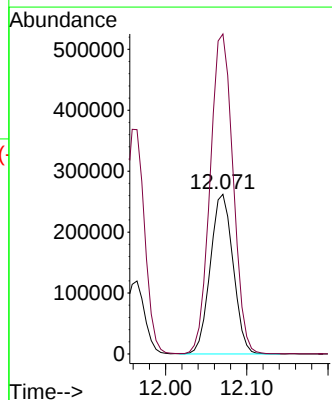
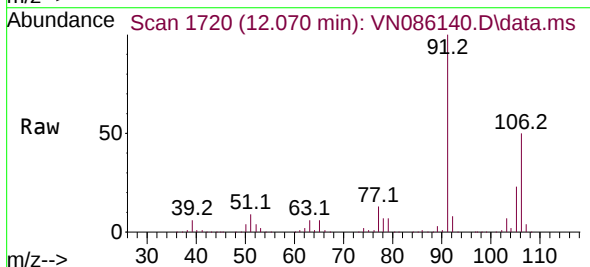
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

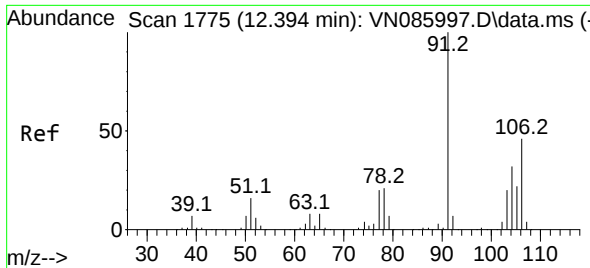
Tgt Ion: 91 Resp: 627394
Ion Ratio Lower Upper
91 100
106 31.0 24.5 36.7



#68
m/p-Xylenes
Concen: 110.663 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086140.D
Acq: 28 Mar 2025 10:44

Tgt Ion: 106 Resp: 511977
Ion Ratio Lower Upper
106 100
91 201.4 163.9 245.9

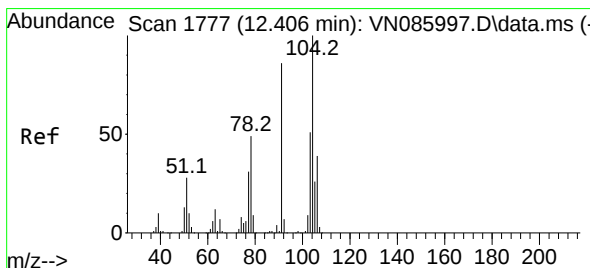
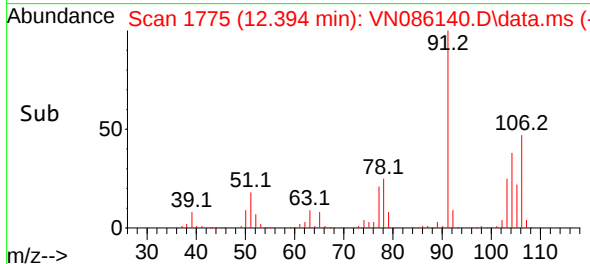
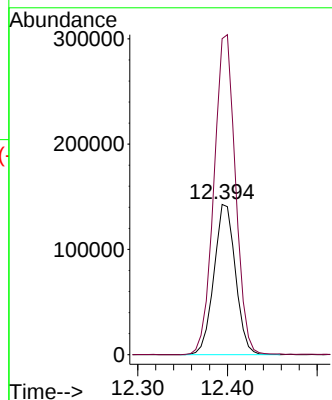
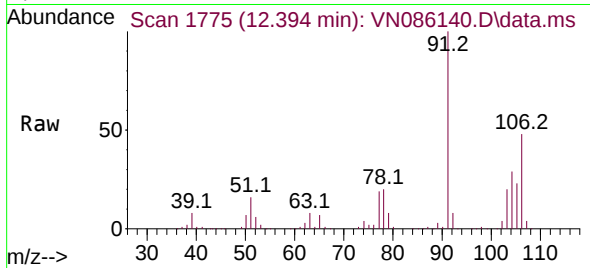




#69
o-Xylene
Concen: 55.997 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086140.D
Acq: 28 Mar 2025 10:44

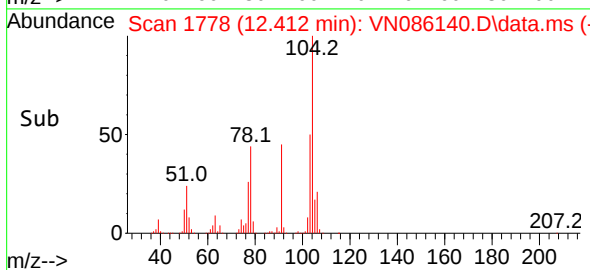
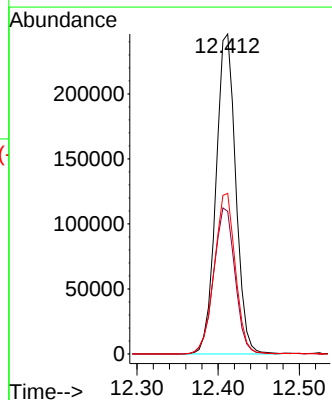
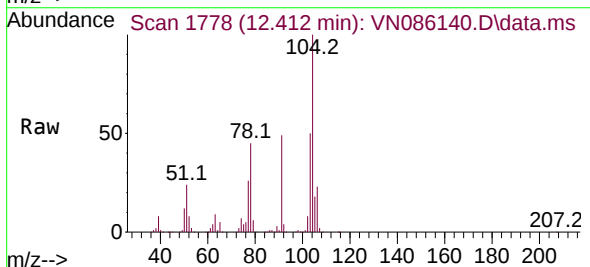
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

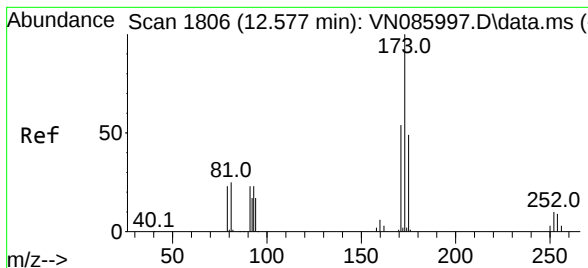
Tgt Ion:106 Resp: 237775
Ion Ratio Lower Upper
106 100
91 213.5 109.1 327.2



#70
Styrene
Concen: 57.481 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN086140.D
Acq: 28 Mar 2025 10:44

Tgt Ion:104 Resp: 416893
Ion Ratio Lower Upper
104 100
78 49.4 41.4 62.2
103 53.5 42.9 64.3





#71

Bromoform

Concen: 49.359 ug/l

RT: 12.576 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086140.D

Acq: 28 Mar 2025 10:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

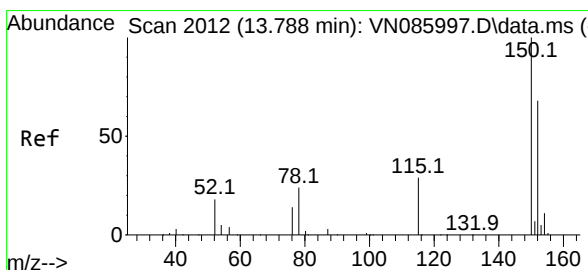
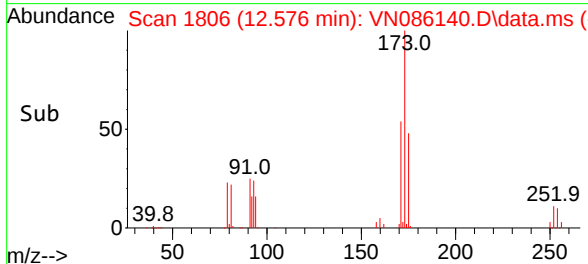
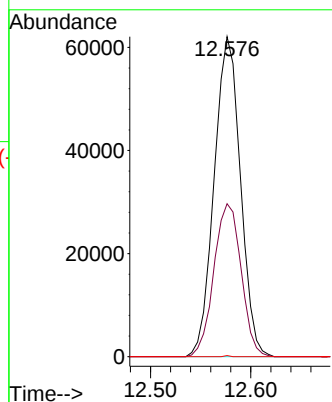
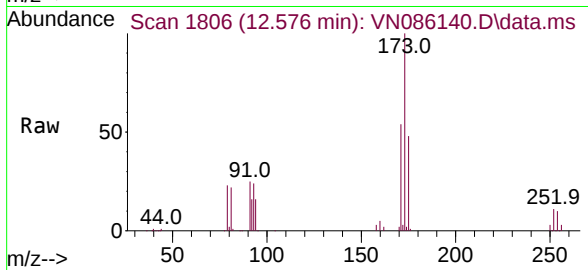
Tgt Ion:173 Resp: 112868

Ion Ratio Lower Upper

173 100

175 49.6 24.3 73.0

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN086140.D

Acq: 28 Mar 2025 10:44

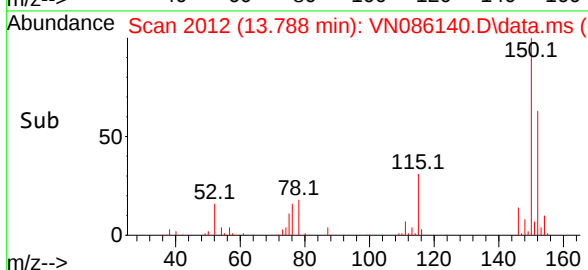
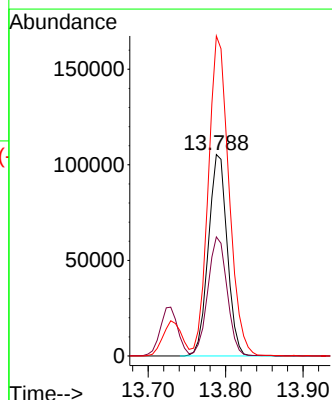
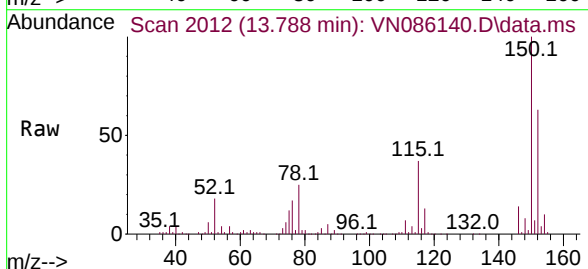
Tgt Ion:152 Resp: 177687

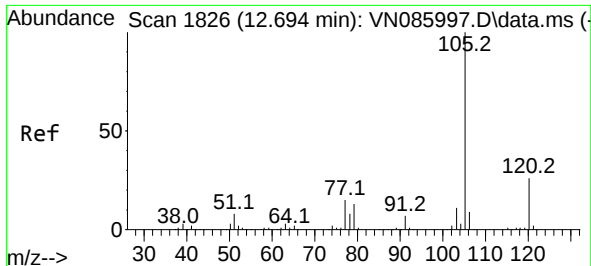
Ion Ratio Lower Upper

152 100

115 60.1 31.1 93.2

150 174.1 0.0 359.6

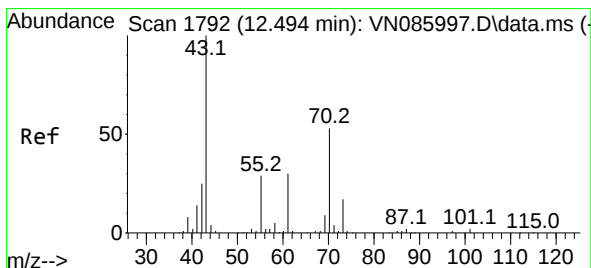
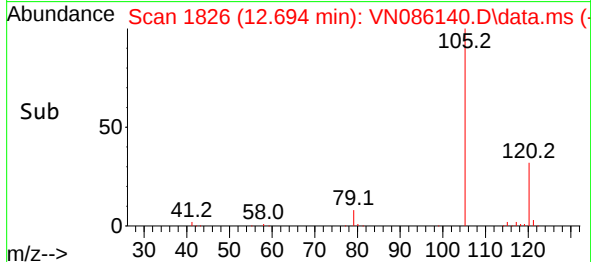
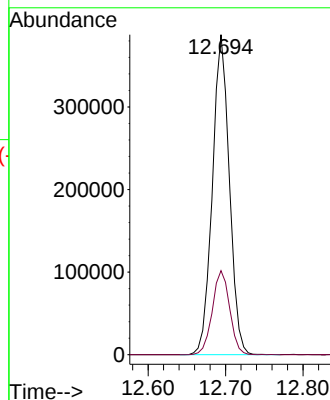
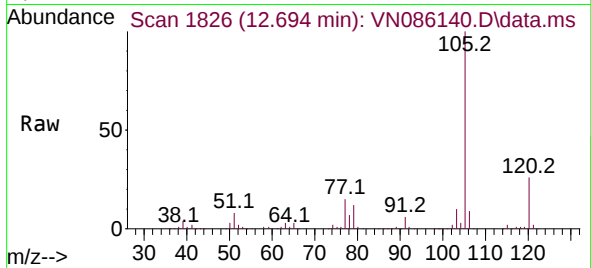




#73
Isopropylbenzene
Concen: 48.698 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086140.D
Acq: 28 Mar 2025 10:44

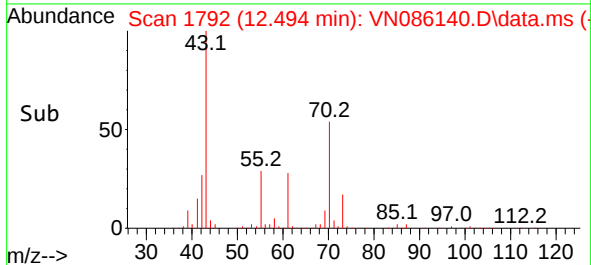
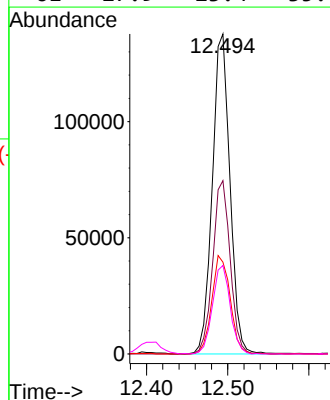
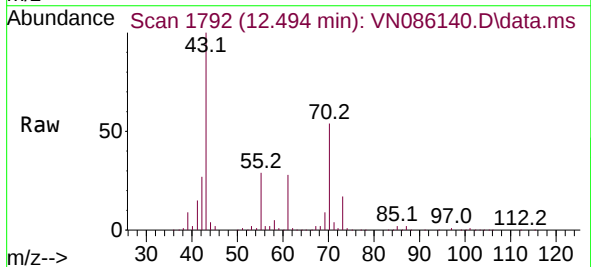
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

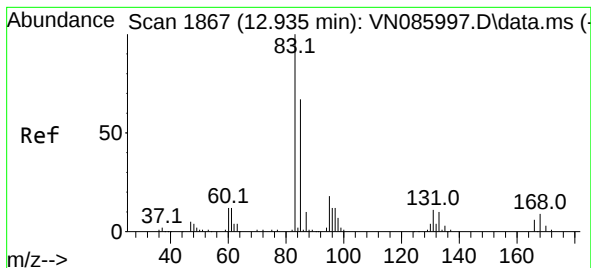
Tgt Ion:105 Resp: 590904
Ion Ratio Lower Upper
105 100
120 26.8 13.0 39.0



#74
N-ethyl acetate
Concen: 51.135 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN086140.D
Acq: 28 Mar 2025 10:44

Tgt Ion: 43 Resp: 207590
Ion Ratio Lower Upper
43 100
70 53.7 43.0 64.4
55 32.0 23.8 35.8
61 27.9 23.4 35.0

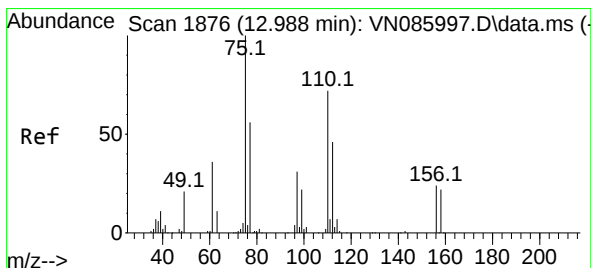
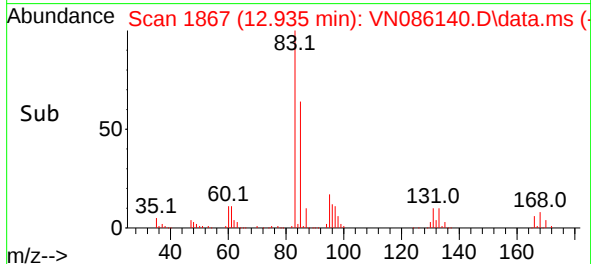
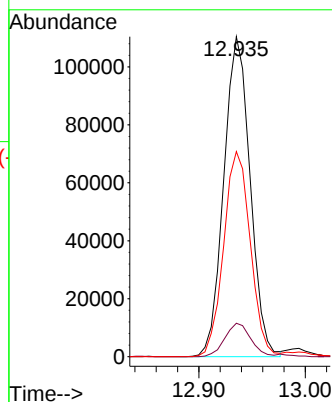
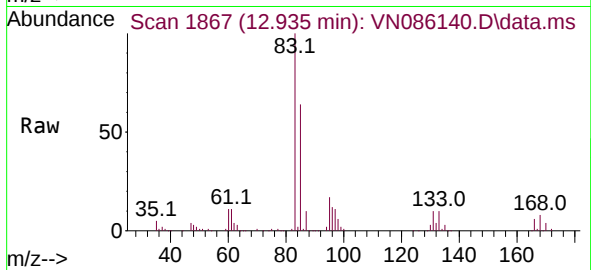




#75
 1,1,2,2-Tetrachloroethane
 Concen: 46.214 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. -0.000 min
 Lab File: VN086140.D
 Acq: 28 Mar 2025 10:44

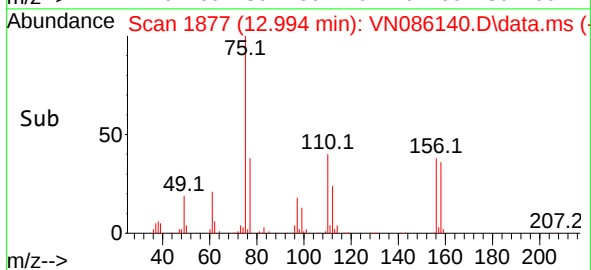
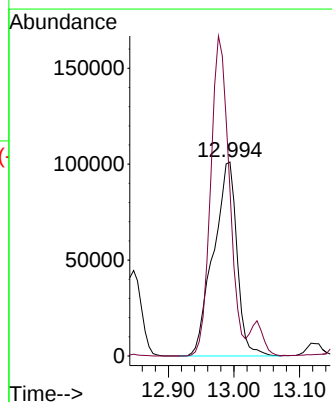
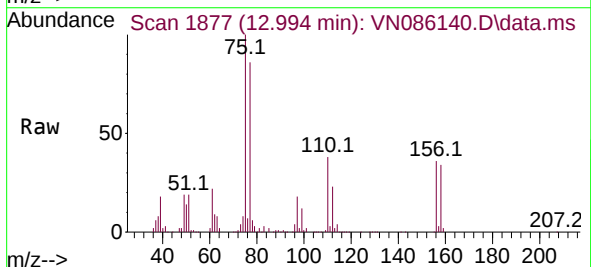
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

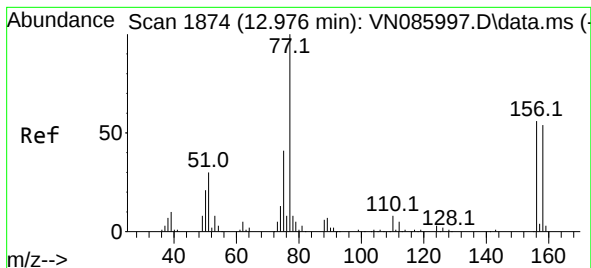
Tgt Ion: 83 Resp: 189713
 Ion Ratio Lower Upper
 83 100
 131 10.3 5.5 16.5
 85 64.9 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 63.387 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.006 min
 Lab File: VN086140.D
 Acq: 28 Mar 2025 10:44

Tgt Ion: 75 Resp: 252159
 Ion Ratio Lower Upper
 75 100
 77 131.1 83.7 251.0





#77

Bromobenzene

Concen: 46.950 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.000 min

Lab File: VN086140.D

Acq: 28 Mar 2025 10:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

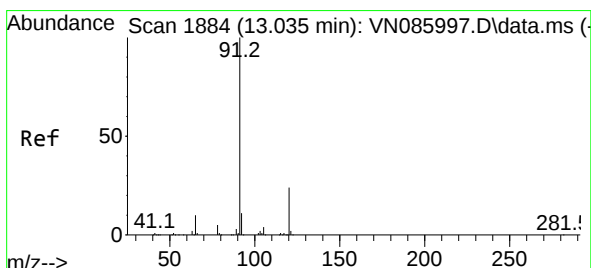
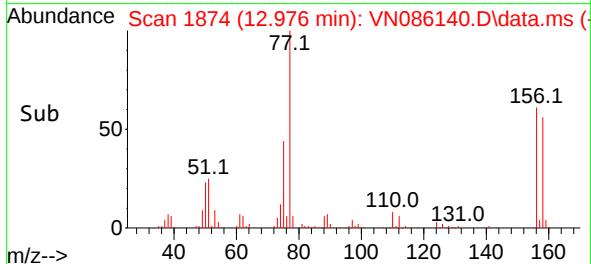
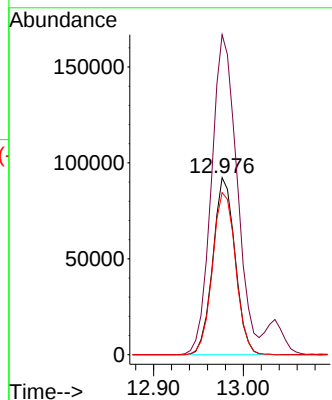
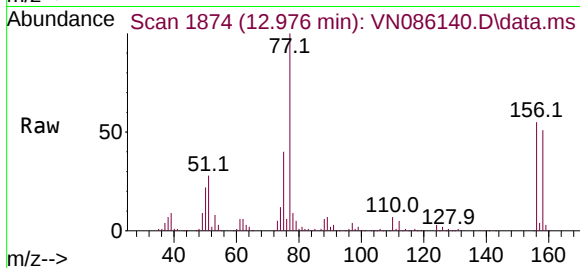
Tgt Ion:156 Resp: 158851

Ion Ratio Lower Upper

156 100

77 208.1 104.1 312.3

158 95.4 49.0 147.0



#78

n-propylbenzene

Concen: 51.848 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN086140.D

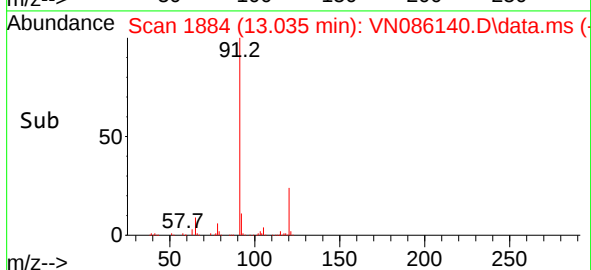
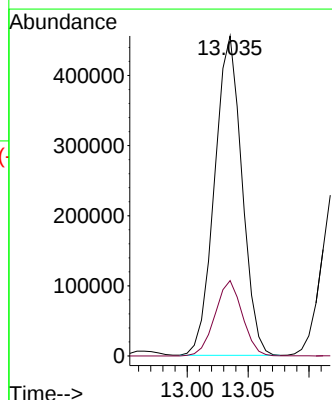
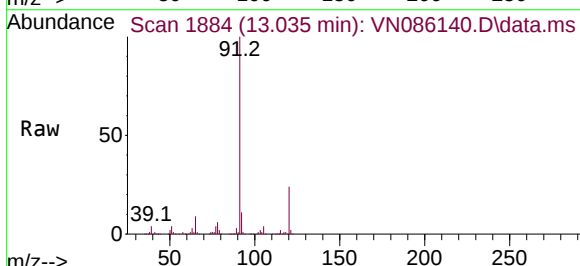
Acq: 28 Mar 2025 10:44

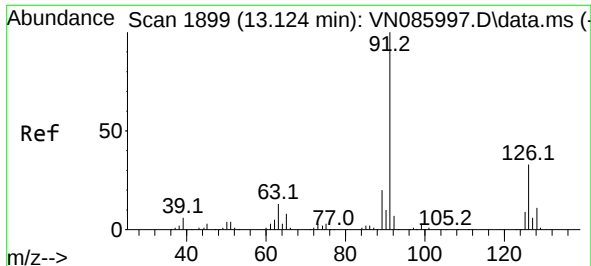
Tgt Ion: 91 Resp: 712397

Ion Ratio Lower Upper

91 100

120 23.5 11.7 35.0

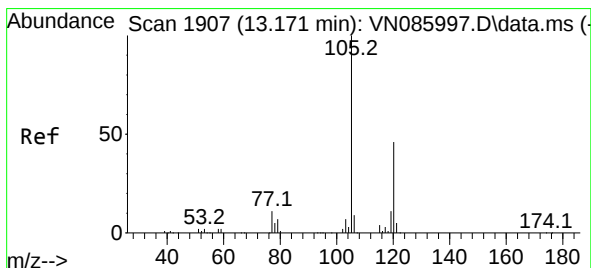
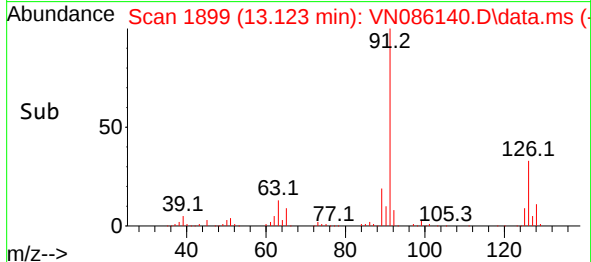
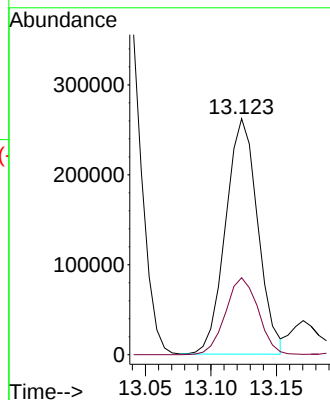
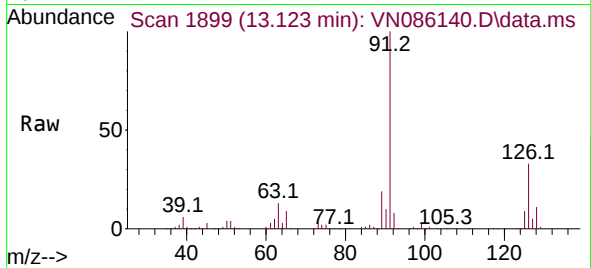




#79
2-Chlorotoluene
Concen: 49.052 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086140.D
Acq: 28 Mar 2025 10:44

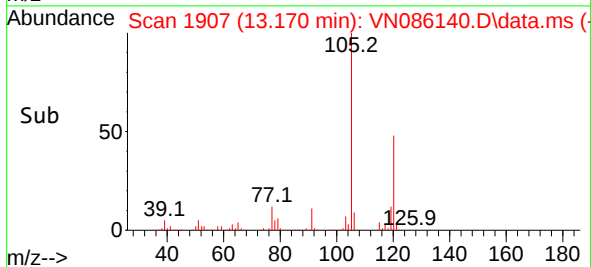
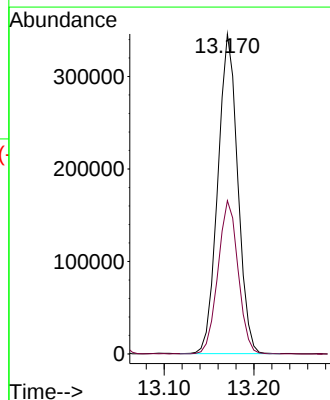
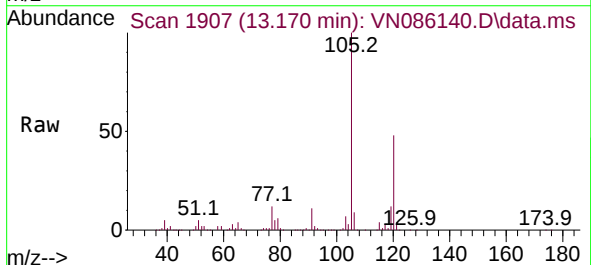
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

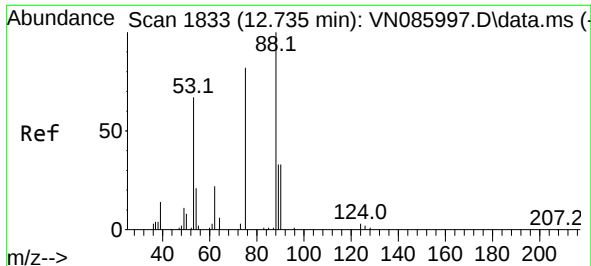
Tgt Ion: 91 Resp: 447666
Ion Ratio Lower Upper
91 100
126 33.1 16.4 49.2



#80
1,3,5-Trimethylbenzene
Concen: 51.948 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086140.D
Acq: 28 Mar 2025 10:44

Tgt Ion:105 Resp: 532182
Ion Ratio Lower Upper
105 100
120 48.6 23.7 71.1

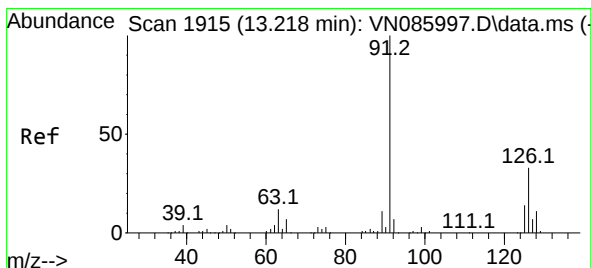
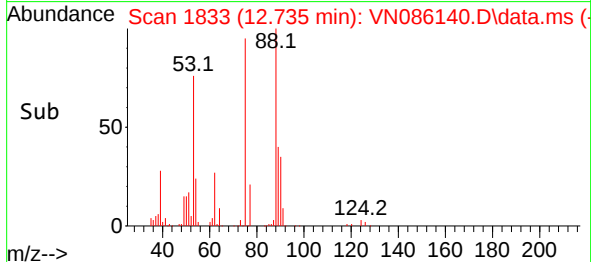
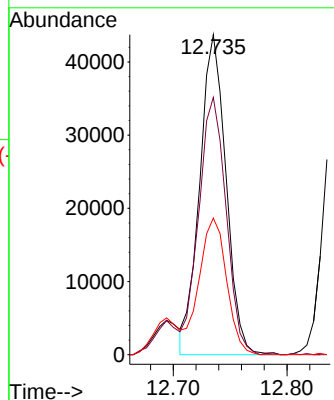
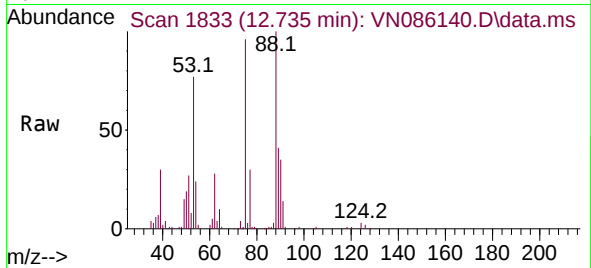




#81
trans-1,4-Dichloro-2-butene
Concen: 46.864 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086140.D
Acq: 28 Mar 2025 10:44

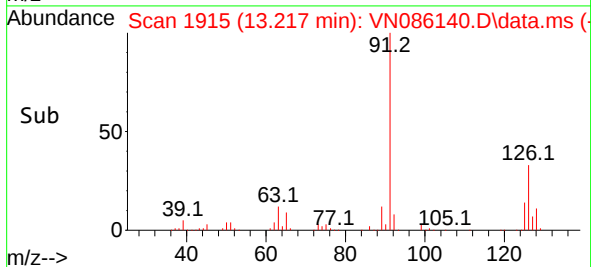
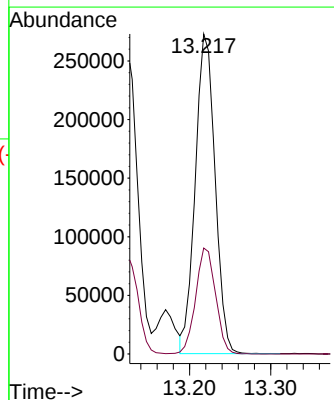
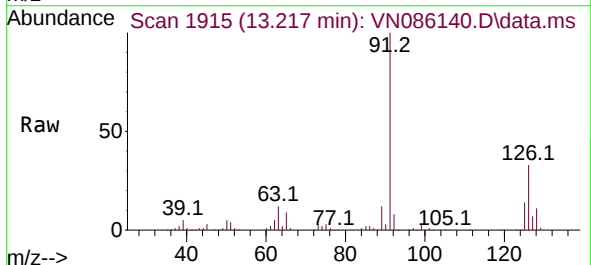
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

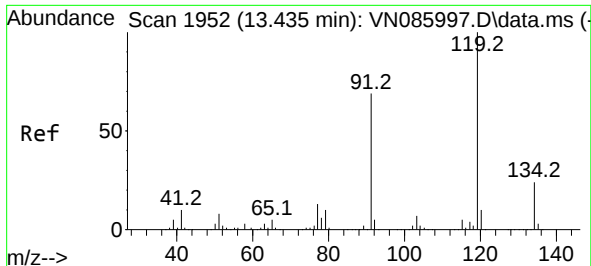
Tgt Ion: 75 Resp: 70514
Ion Ratio Lower Upper
75 100
53 83.9 66.0 99.0
89 44.9 36.9 55.3



#82
4-Chlorotoluene
Concen: 49.263 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086140.D
Acq: 28 Mar 2025 10:44

Tgt Ion: 91 Resp: 462335
Ion Ratio Lower Upper
91 100
126 33.4 16.1 48.2

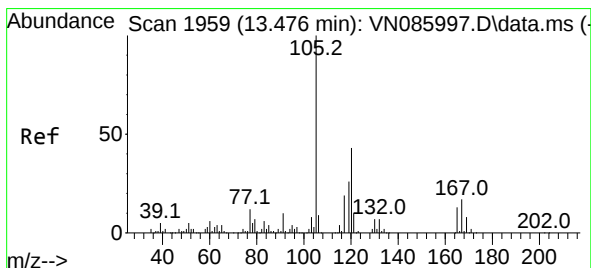
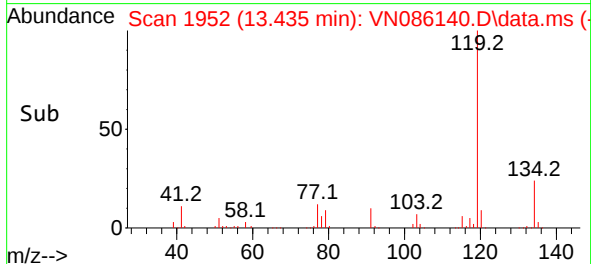
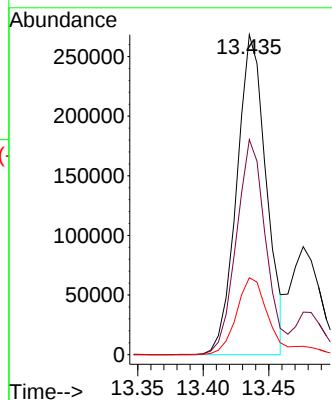
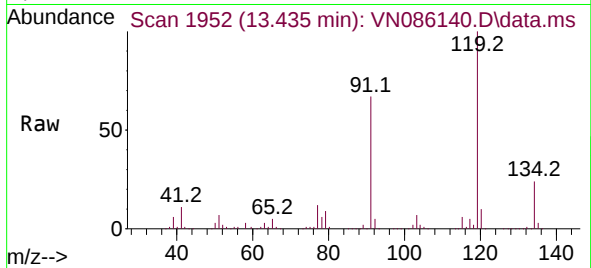




#83
tert-Butylbenzene
Concen: 48.020 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086140.D
Acq: 28 Mar 2025 10:44

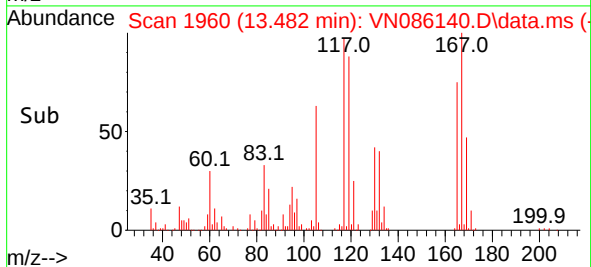
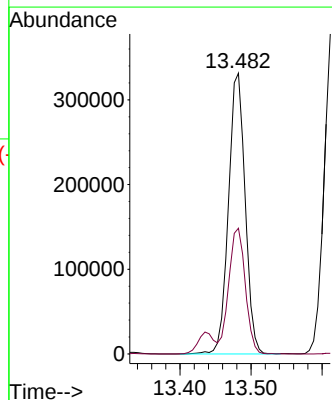
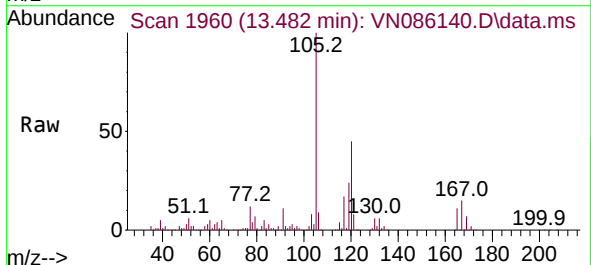
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

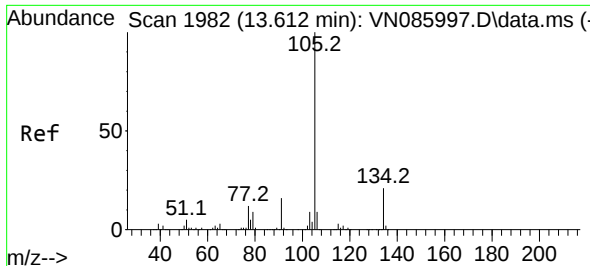
Tgt Ion:119 Resp: 420738
Ion Ratio Lower Upper
119 100
91 67.4 34.3 102.9
134 27.4 13.5 40.5



#84
1,2,4-Trimethylbenzene
Concen: 52.285 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN086140.D
Acq: 28 Mar 2025 10:44

Tgt Ion:105 Resp: 540255
Ion Ratio Lower Upper
105 100
120 44.5 21.9 65.8

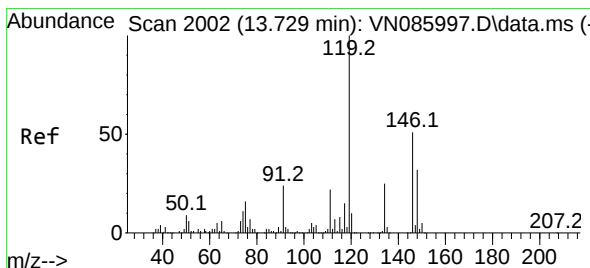
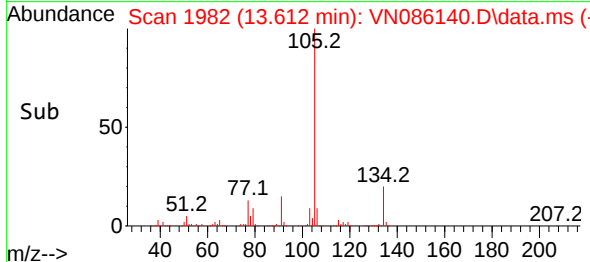
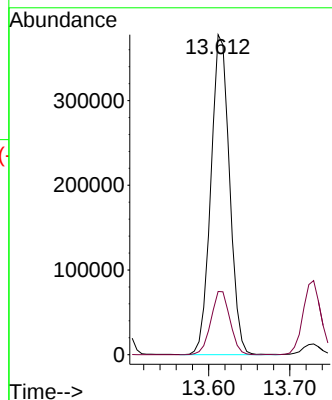
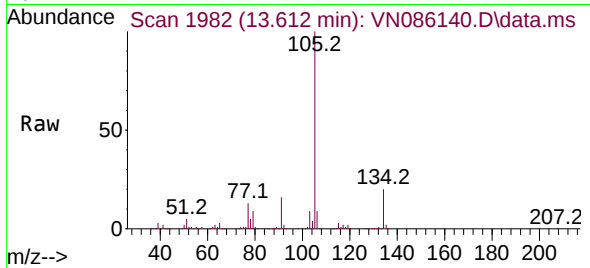




#85
 sec-Butylbenzene
 Concen: 52.695 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086140.D
 Acq: 28 Mar 2025 10:44

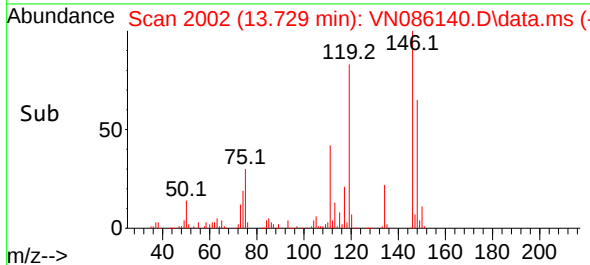
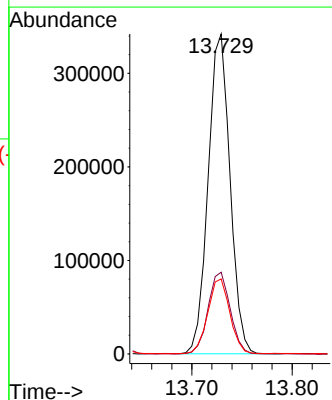
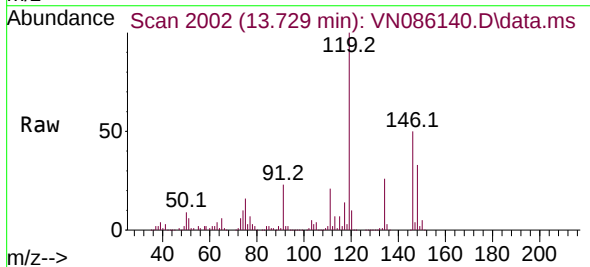
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

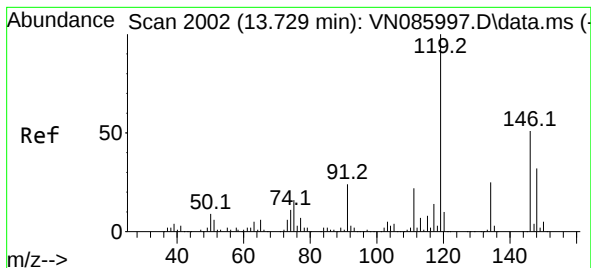
Tgt Ion:105 Resp: 602307
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 53.474 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086140.D
 Acq: 28 Mar 2025 10:44

Tgt Ion:119 Resp: 517398
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.6 37.8
 91 23.5 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 48.834 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN086140.D

Acq: 28 Mar 2025 10:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

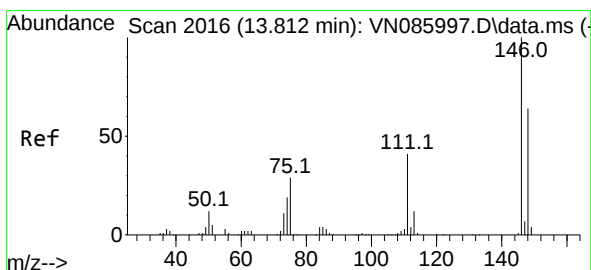
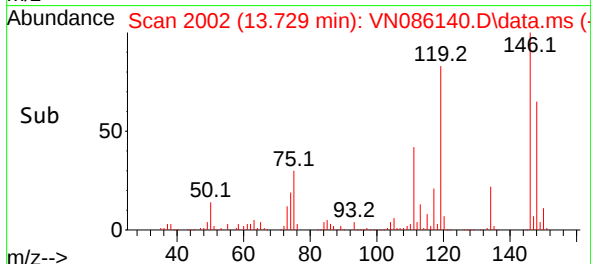
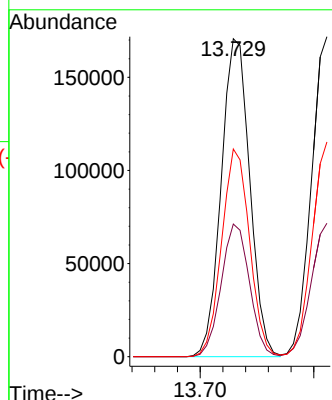
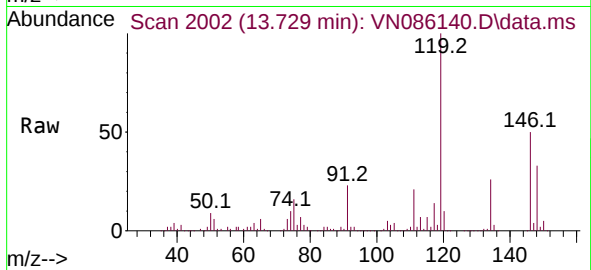
Tgt Ion:146 Resp: 297823

Ion Ratio Lower Upper

146 100

111 41.4 21.2 63.6

148 64.0 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 44.981 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN086140.D

Acq: 28 Mar 2025 10:44

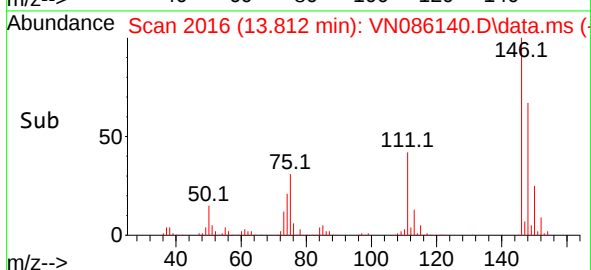
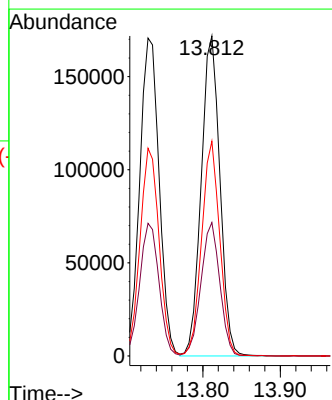
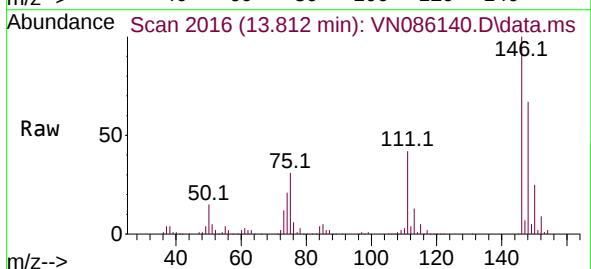
Tgt Ion:146 Resp: 288219

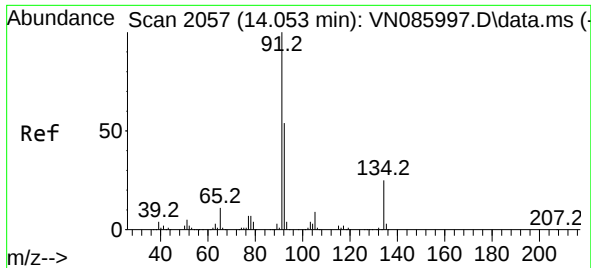
Ion Ratio Lower Upper

146 100

111 41.8 20.4 61.3

148 64.8 32.1 96.5

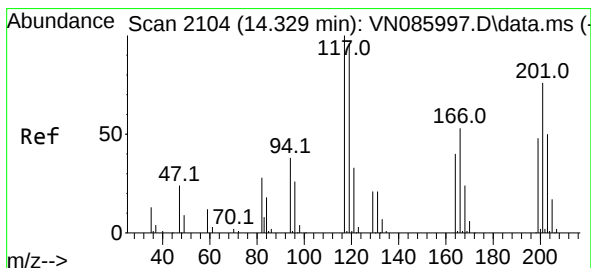
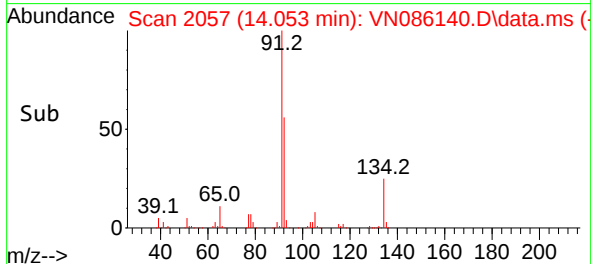
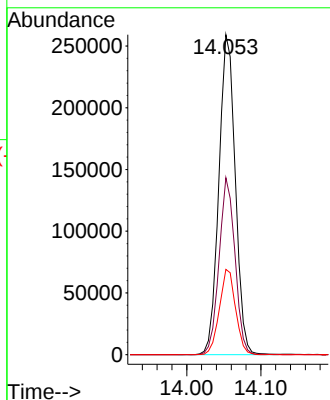
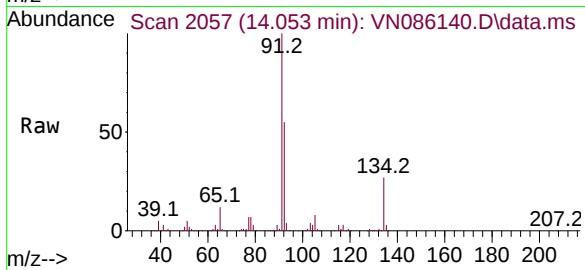




#89
n-Butylbenzene
Concen: 50.654 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086140.D
Acq: 28 Mar 2025 10:44

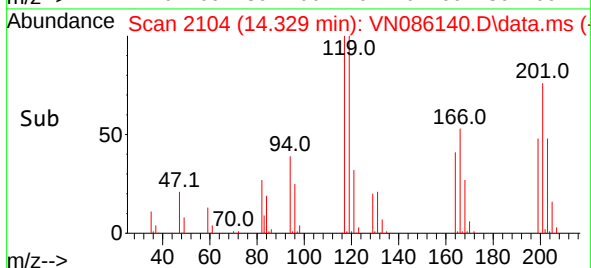
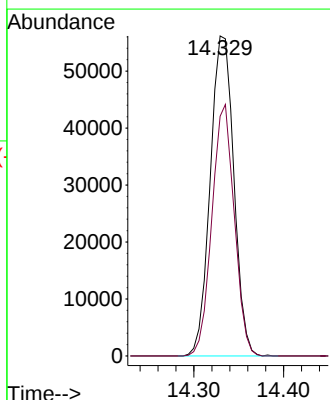
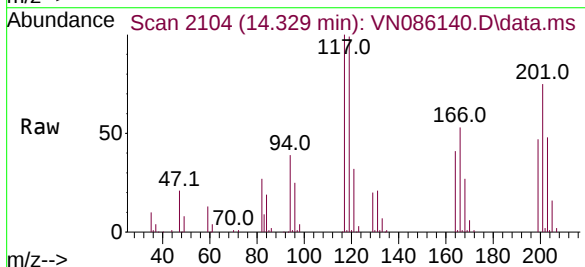
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

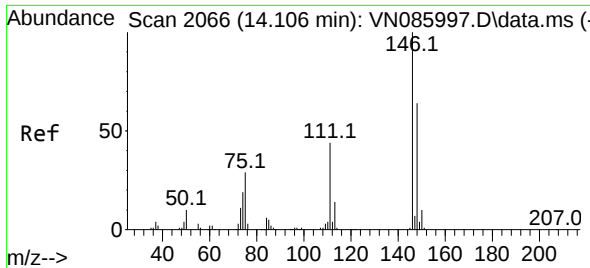
Tgt Ion: 91 Resp: 399115
Ion Ratio Lower Upper
91 100
92 53.5 26.9 80.6
134 26.3 13.0 39.0



#90
Hexachloroethane
Concen: 45.931 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086140.D
Acq: 28 Mar 2025 10:44

Tgt Ion: 117 Resp: 102546
Ion Ratio Lower Upper
117 100
201 74.5 39.1 117.3

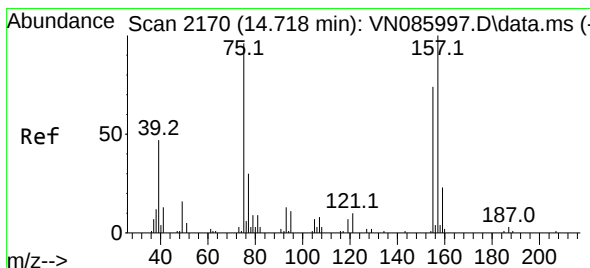
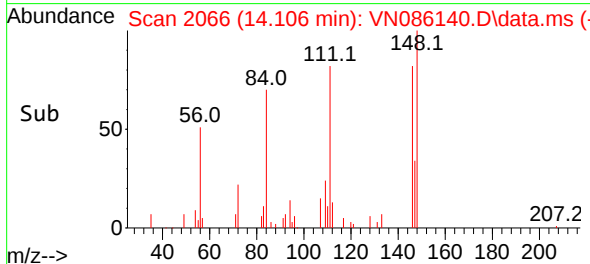
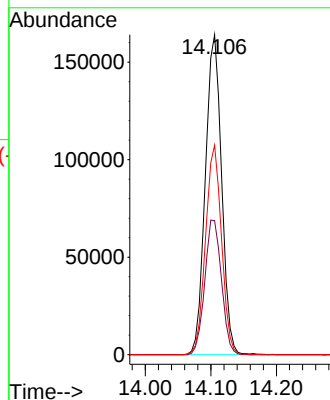
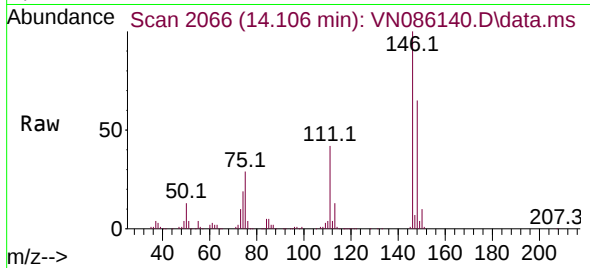




#91
1,2-Dichlorobenzene
Concen: 46.709 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN086140.D
Acq: 28 Mar 2025 10:44

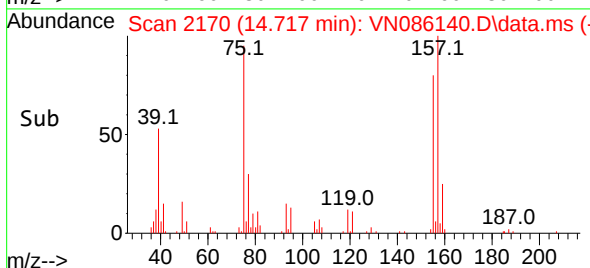
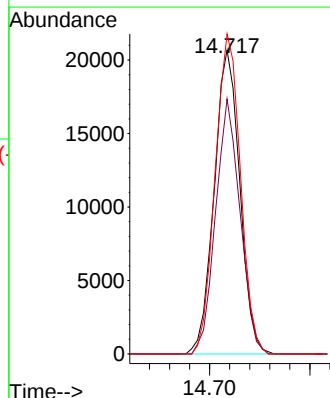
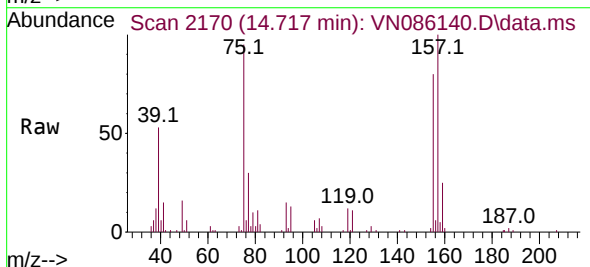
Instrument :
MSVOA_N
ClientSampleId :
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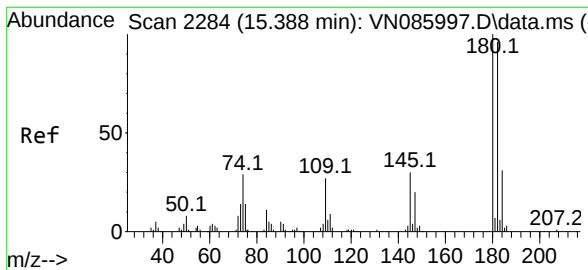
Tgt Ion:146 Resp: 283182
Ion Ratio Lower Upper
146 100
111 43.2 22.3 66.8
148 64.4 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.718 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086140.D
Acq: 28 Mar 2025 10:44

Tgt Ion: 75 Resp: 36644
Ion Ratio Lower Upper
75 100
155 80.0 41.0 123.0
157 103.9 53.7 161.1

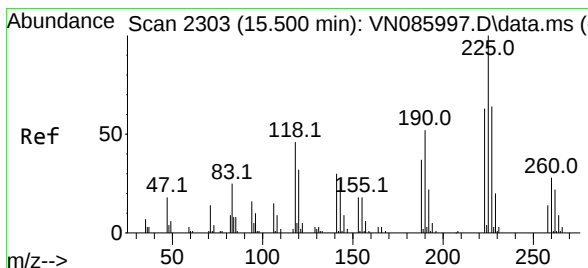
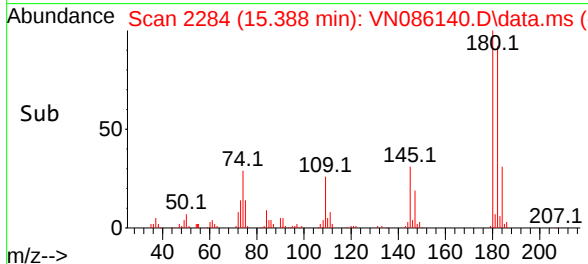
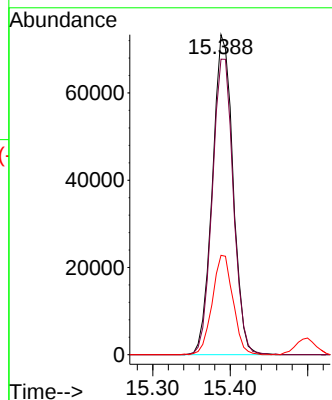
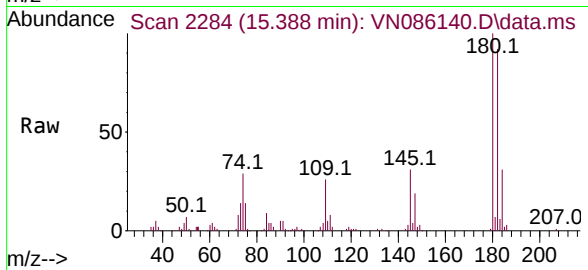




#93
 1,2,4-Trichlorobenzene
 Concen: 44.459 ug/l
 RT: 15.388 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN086140.D
 Acq: 28 Mar 2025 10:44

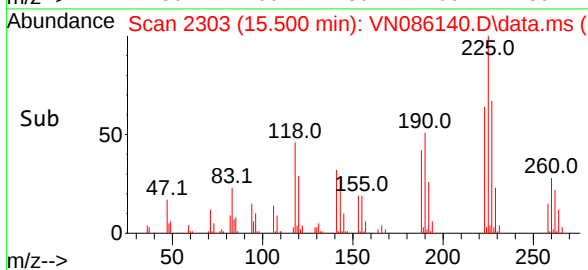
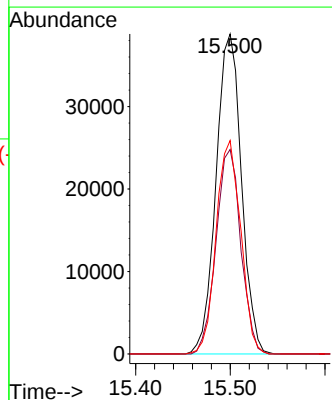
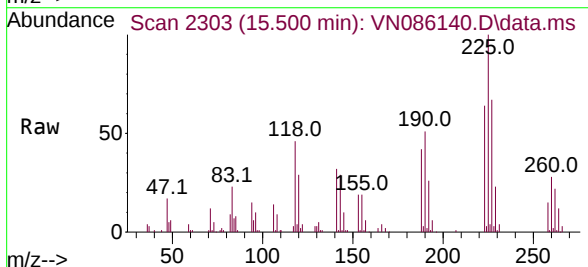
Instrument :
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 ClientSampleId :
 VSTDCCC050

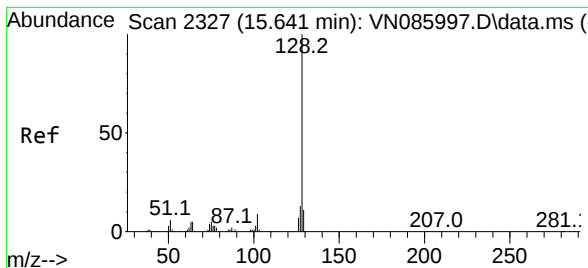
Tgt Ion:180 Resp: 135530
 Ion Ratio Lower Upper
 180 100
 182 94.1 47.0 141.0
 145 31.2 15.5 46.5



#94
 Hexachlorobutadiene
 Concen: 40.893 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. -0.000 min
 Lab File: VN086140.D
 Acq: 28 Mar 2025 10:44

Tgt Ion:225 Resp: 72323
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.3 93.9
 227 64.5 32.1 96.3

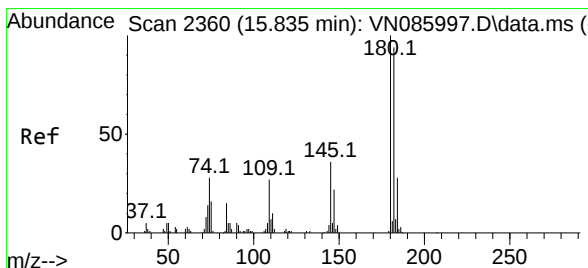
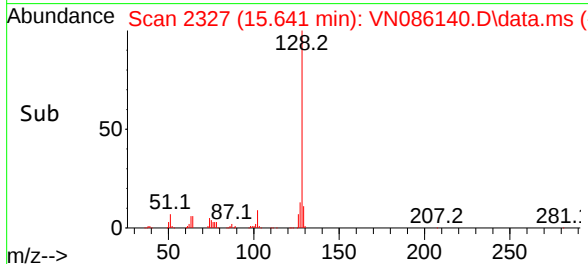
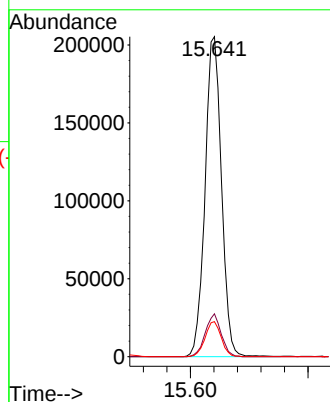
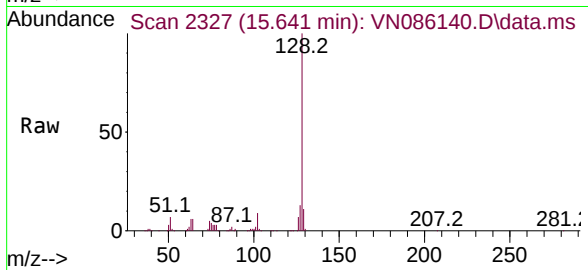




#95
Naphthalene
Concen: 45.076 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN086140.D
Acq: 28 Mar 2025 10:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 397897
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.7 9.0 13.6



#96
1,2,3-Trichlorobenzene
Concen: 46.339 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN086140.D
Acq: 28 Mar 2025 10:44

Tgt Ion:180 Resp: 134039
Ion Ratio Lower Upper
180 100
182 95.6 47.5 142.5
145 33.9 17.7 53.1

