

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052125\
 Data File : VN086722.D
 Acq On : 21 May 2025 11:10
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: May 22 01:18:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:46:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	182299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	331408	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	299657	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	144979	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	127804	50.735	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.480%	
35) Dibromofluoromethane	8.165	113	101679	51.518	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.040%	
50) Toluene-d8	10.565	98	425210	51.988	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.980%	
62) 4-Bromofluorobenzene	12.847	95	155596	53.877	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 107.760%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	115898	58.870	ug/l	99
3) Chloromethane	2.359	50	155389	52.184	ug/l	99
4) Vinyl Chloride	2.512	62	142605	53.325	ug/l	95
5) Bromomethane	2.953	94	75054	48.684	ug/l	95
6) Chloroethane	3.118	64	89611	51.152	ug/l	99
7) Trichlorofluoromethane	3.500	101	169235	52.954	ug/l	94
8) Diethyl Ether	3.959	74	69530	52.665	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	104228	54.477	ug/l	99
10) Methyl Iodide	4.583	142	114697	48.193	ug/l	98
11) Tert butyl alcohol	5.512	59	104653	228.112	ug/l	100
12) 1,1-Dichloroethene	4.342	96	105531	51.901	ug/l	96
13) Acrolein	4.177	56	128968	262.961	ug/l	98
14) Allyl chloride	5.024	41	161817	52.579	ug/l	97
15) Acrylonitrile	5.712	53	292576	257.566	ug/l	100
16) Acetone	4.418	43	220911	234.441	ug/l	98
17) Carbon Disulfide	4.712	76	299879	53.269	ug/l	100
18) Methyl Acetate	5.018	43	127415	48.312	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	361423	52.203	ug/l	99
20) Methylene Chloride	5.277	84	123862	49.812	ug/l	97
21) trans-1,2-Dichloroethene	5.789	96	112592	52.374	ug/l	100
22) Diisopropyl ether	6.665	45	373109	53.737	ug/l	98
23) Vinyl Acetate	6.600	43	1363220	261.239	ug/l	100
24) 1,1-Dichloroethane	6.565	63	213270	52.317	ug/l	99
25) 2-Butanone	7.477	43	364333	250.212	ug/l	100
26) 2,2-Dichloropropane	7.488	77	180472	53.646	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	135427	51.323	ug/l	98
28) Bromochloromethane	7.812	49	93646	50.562	ug/l	99
29) Tetrahydrofuran	7.835	42	241092	253.670	ug/l	98
30) Chloroform	7.959	83	209502	51.346	ug/l	98
31) Cyclohexane	8.253	56	190712	50.444	ug/l	100
32) 1,1,1-Trichloroethane	8.165	97	177954	51.729	ug/l	100
36) 1,1-Dichloropropene	8.371	75	154110	52.936	ug/l	99
37) Ethyl Acetate	7.553	43	143549	48.813	ug/l	99
38) Carbon Tetrachloride	8.359	117	151468	52.805	ug/l	99
39) Methylcyclohexane	9.600	83	172177	54.644	ug/l	99
40) Benzene	8.600	78	495006	52.122	ug/l	99

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 ClientSampleId :
 VSTDCCC050

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:46:13 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	80906	50.954	ug/l	98
42) 1,2-Dichloroethane	8.665	62	150262	50.786	ug/l	99
43) Isopropyl Acetate	8.682	43	255716	43.376	ug/l	98
44) Trichloroethene	9.347	130	120144	52.450	ug/l	96
45) 1,2-Dichloropropane	9.618	63	120516	53.419	ug/l	99
46) Dibromomethane	9.706	93	78413	51.509	ug/l	98
47) Bromodichloromethane	9.882	83	166192	52.985	ug/l	98
48) Methyl methacrylate	9.676	41	116487	50.991	ug/l	98
49) 1,4-Dioxane	9.688	88	48790	1008.620	ug/l	97
51) 4-Methyl-2-Pentanone	10.441	43	745520	250.764	ug/l	100
52) Toluene	10.629	92	308943	52.340	ug/l	100
53) t-1,3-Dichloropropene	10.829	75	179673	54.103	ug/l	99
54) cis-1,3-Dichloropropene	10.306	75	195518	53.933	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	111715	50.737	ug/l	99
56) Ethyl methacrylate	10.871	69	187535	53.047	ug/l	99
57) 1,3-Dichloropropane	11.159	76	196369	51.768	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	418673	264.980	ug/l	98
59) 2-Hexanone	11.194	43	545131	251.092	ug/l	100
60) Dibromochloromethane	11.359	129	122673	53.161	ug/l	100
61) 1,2-Dibromoethane	11.465	107	113240	51.179	ug/l	99
64) Tetrachloroethene	11.100	164	124195	54.103	ug/l	99
65) Chlorobenzene	11.888	112	341449	51.963	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	110321	52.007	ug/l	99
67) Ethyl Benzene	11.959	91	594704	52.840	ug/l	99
68) m/p-Xylenes	12.065	106	462041	108.385	ug/l	99
69) o-Xylene	12.394	106	224490	52.969	ug/l	98
70) Styrene	12.406	104	381112	54.925	ug/l	99
71) Bromoform	12.576	173	79171	52.479	ug/l #	99
73) Isopropylbenzene	12.694	105	542341	48.435	ug/l	99
74) N-amyl acetate	12.488	43	221086	47.257	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	154756	44.987	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	217595	66.364	ug/l	63
77) Bromobenzene	12.976	156	131191	46.577	ug/l	99
78) n-propylbenzene	13.029	91	654516	50.935	ug/l	99
79) 2-Chlorotoluene	13.123	91	408385	48.878	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	456764	50.915	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	67662	52.078	ug/l	93
82) 4-Chlorotoluene	13.217	91	414638	50.091	ug/l	98
83) tert-Butylbenzene	13.435	119	382099	48.840	ug/l	100
84) 1,2,4-Trimethylbenzene	13.476	105	463485	51.881	ug/l	99
85) sec-Butylbenzene	13.612	105	546759	52.121	ug/l	100
86) p-Isopropyltoluene	13.723	119	460296	53.531	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	249485	51.150	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	250982	51.935	ug/l	98
89) n-Butylbenzene	14.053	91	393778	55.241	ug/l	100
90) Hexachloroethane	14.329	117	74662	52.332	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	237916	51.284	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	28181	49.451	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	105110	53.676	ug/l	100
94) Hexachlorobutadiene	15.500	225	42304	52.069	ug/l	98
95) Naphthalene	15.635	128	336451	49.483	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	98958	51.603	ug/l	99

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Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

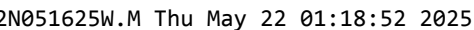
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MSVOA_N
ClientSampleId :
VSTDCCC050

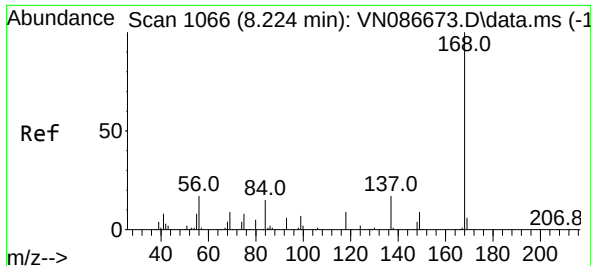
Quant Time: May 22 01:18:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
Quant Title : SW846 8260
QLast Update : Sat May 17 00:46:13 2025
Response via : Initial Calibration

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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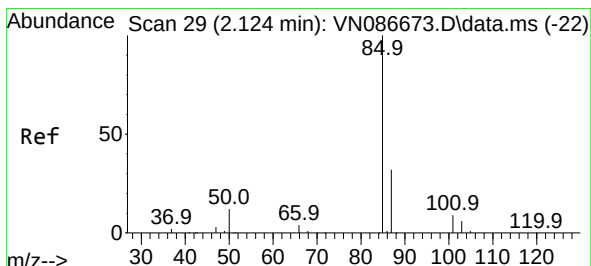
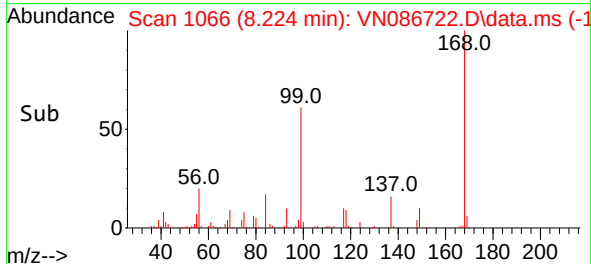
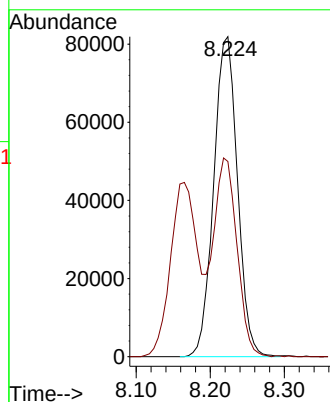
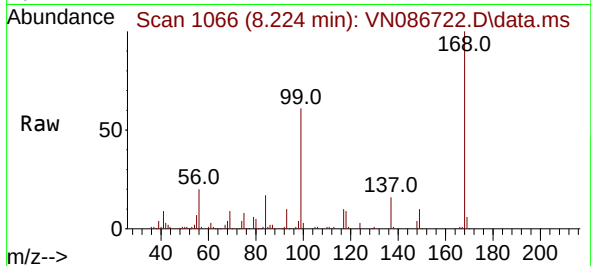




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086722.D
Acq: 21 May 2025 11:10

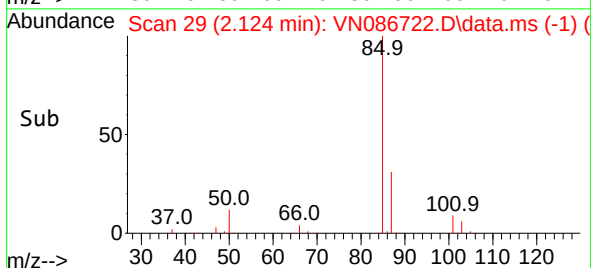
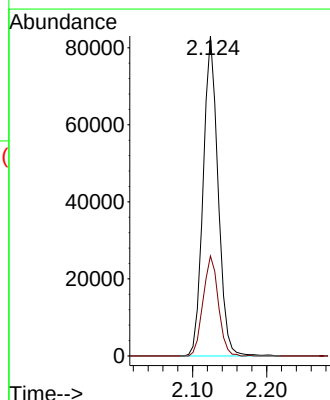
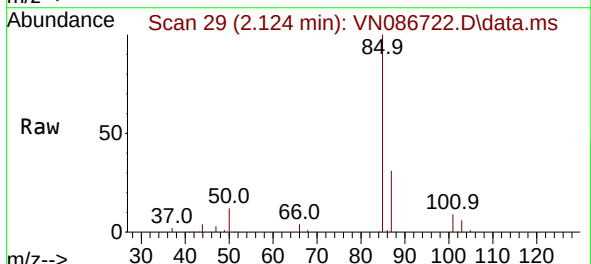
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

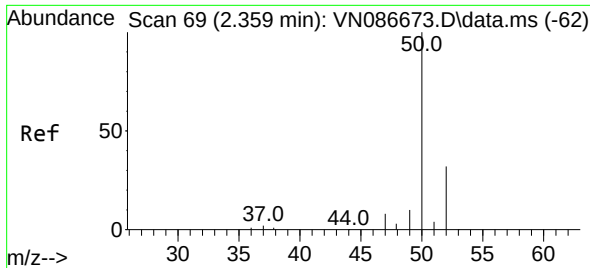
Tgt Ion:168 Resp: 182299
Ion Ratio Lower Upper
168 100
99 60.8 47.0 70.4



#2
Dichlorodifluoromethane
Concen: 58.870 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086722.D
Acq: 21 May 2025 11:10

Tgt Ion: 85 Resp: 115898
Ion Ratio Lower Upper
85 100
87 31.2 15.9 47.6

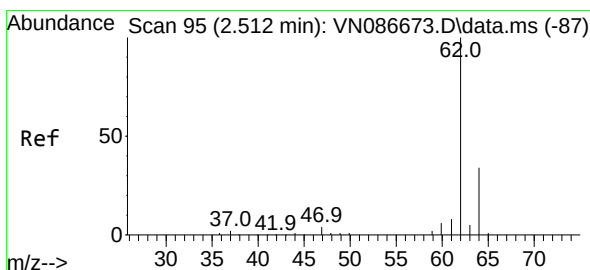
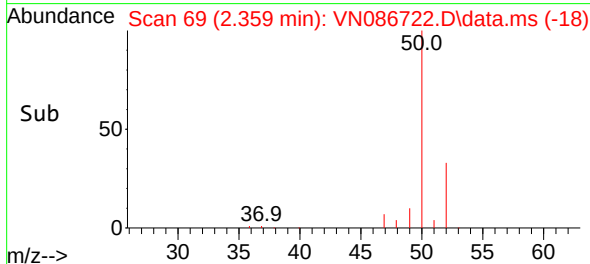
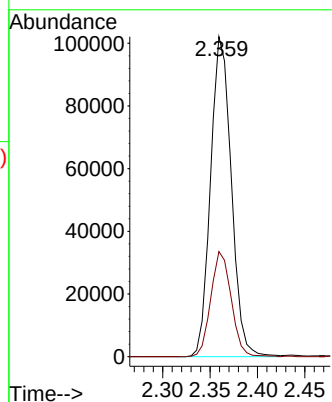
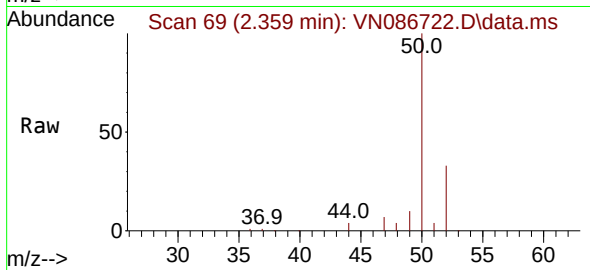




#3
Chloromethane
Concen: 52.184 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086722.D
Acq: 21 May 2025 11:10

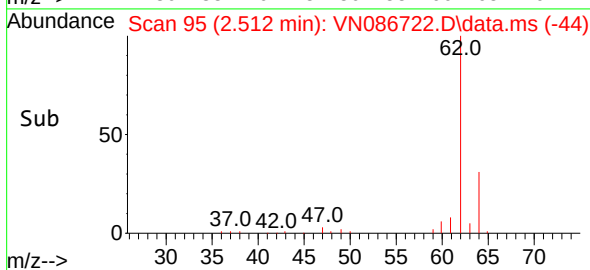
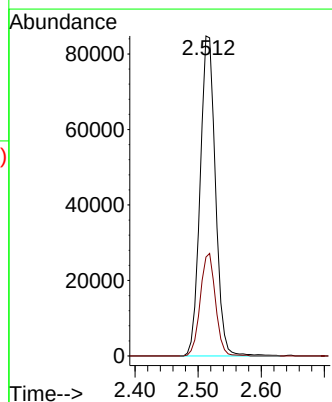
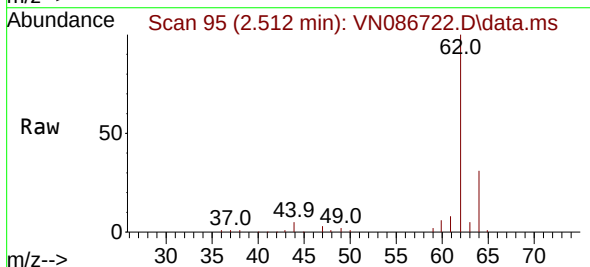
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ClientSampleId :
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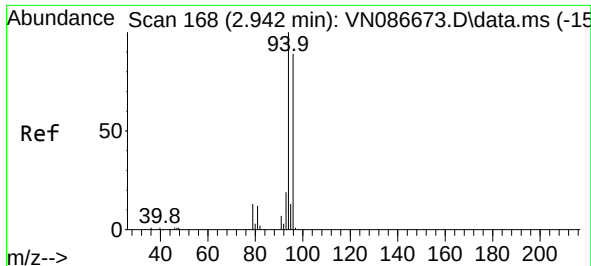
Tgt Ion: 50 Resp: 155389
Ion Ratio Lower Upper
50 100
52 32.9 25.9 38.9



#4
Vinyl Chloride
Concen: 53.325 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN086722.D
Acq: 21 May 2025 11:10

Tgt Ion: 62 Resp: 142605
Ion Ratio Lower Upper
62 100
64 30.9 26.9 40.3

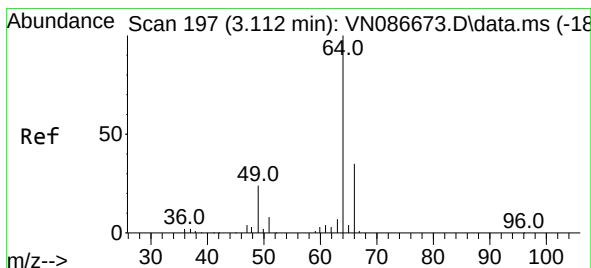
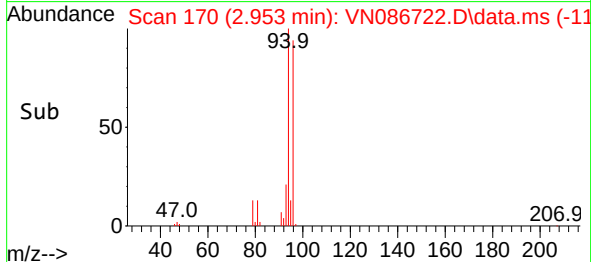
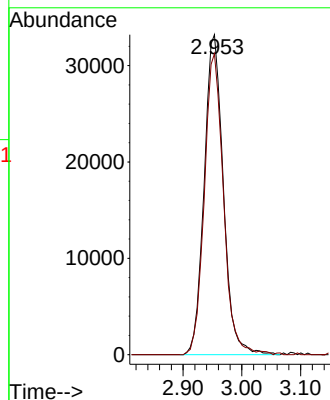
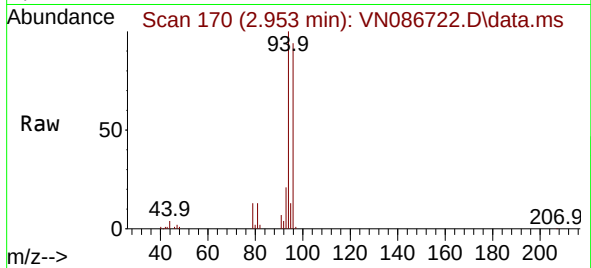




#5
Bromomethane
Concen: 48.684 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN086722.D
Acq: 21 May 2025 11:10

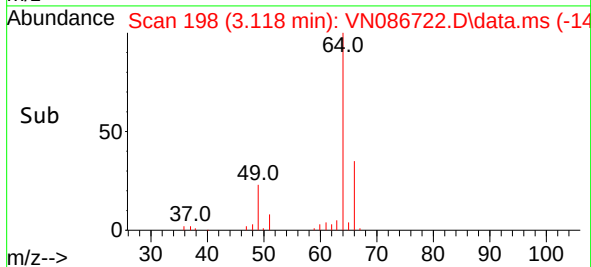
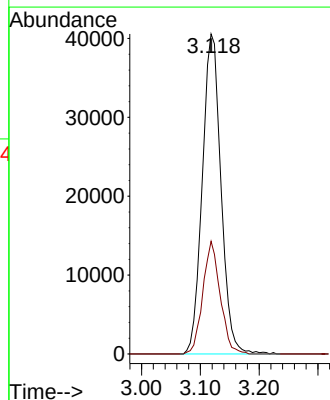
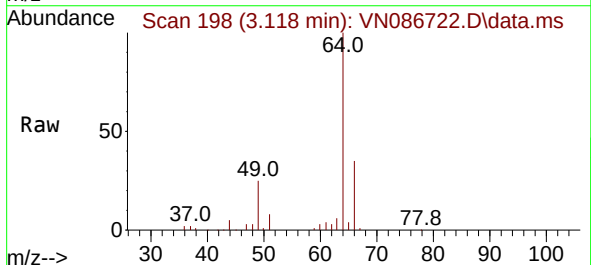
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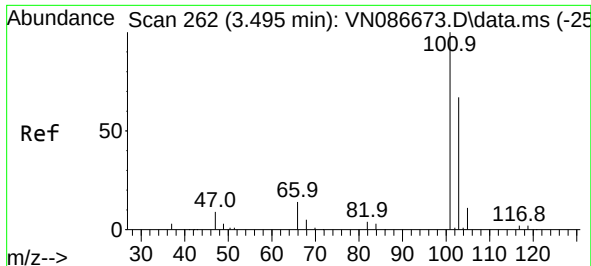
Tgt Ion: 94 Resp: 75054
Ion Ratio Lower Upper
94 100
96 94.0 71.2 106.8



#6
Chloroethane
Concen: 51.152 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN086722.D
Acq: 21 May 2025 11:10

Tgt Ion: 64 Resp: 89611
Ion Ratio Lower Upper
64 100
66 35.2 27.7 41.5

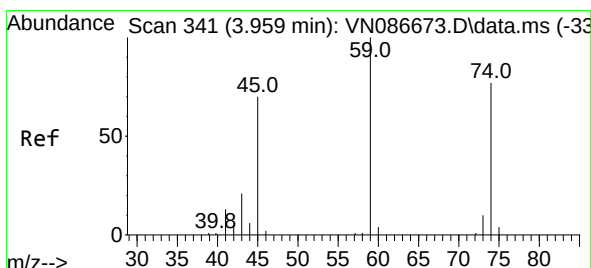
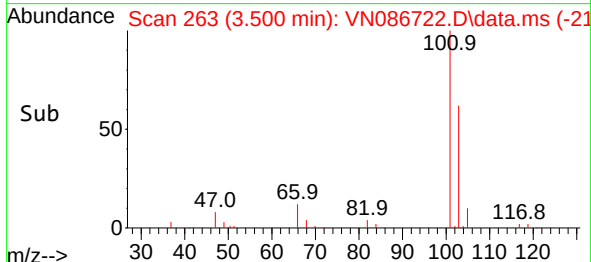
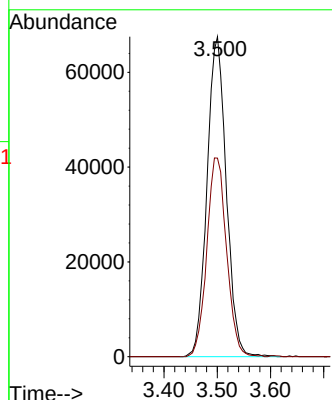
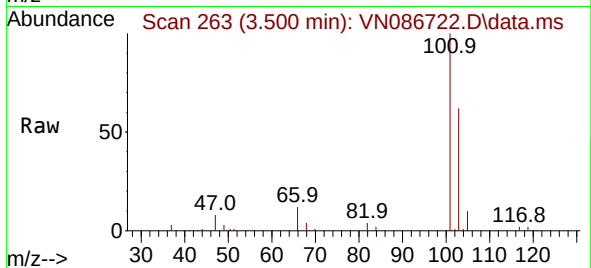




#7
 Trichlorofluoromethane
 Concen: 52.954 ug/l
 RT: 3.500 min Scan# 262
 Delta R.T. 0.006 min
 Lab File: VN086722.D
 Acq: 21 May 2025 11:10

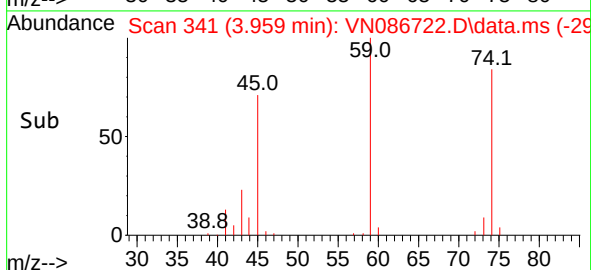
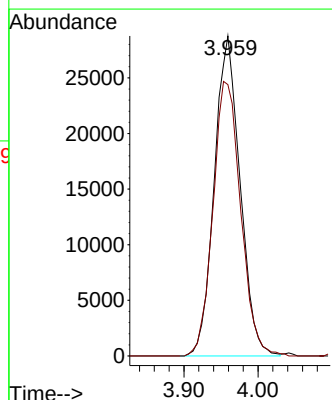
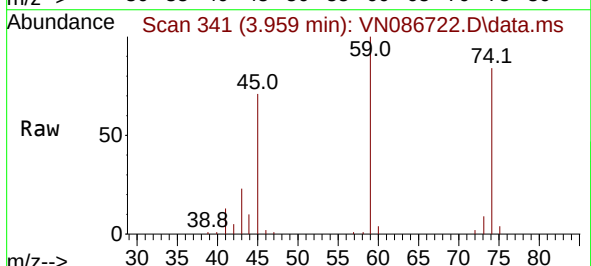
Instrument :
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 ClientSampleId :
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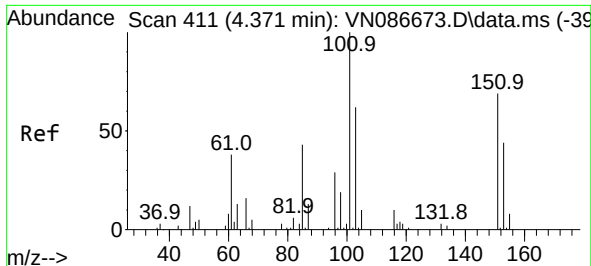
Tgt Ion:101 Resp: 169235
 Ion Ratio Lower Upper
 101 100
 103 62.0 53.4 80.0



#8
 Diethyl Ether
 Concen: 52.665 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN086722.D
 Acq: 21 May 2025 11:10

Tgt Ion: 74 Resp: 69530
 Ion Ratio Lower Upper
 74 100
 45 92.1 45.0 135.0

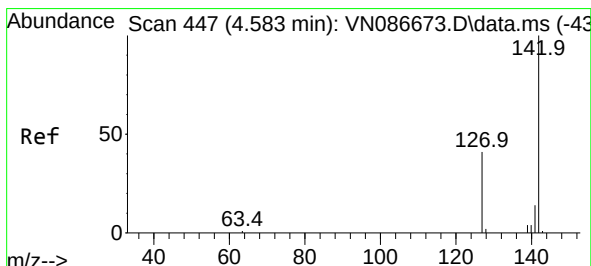
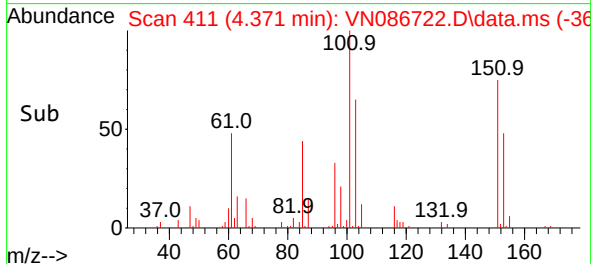
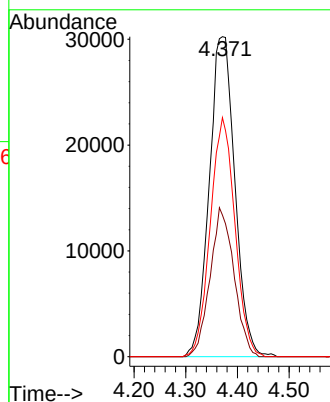
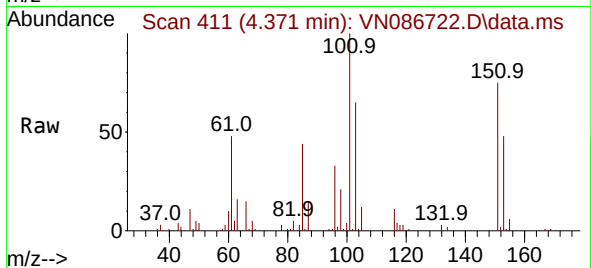




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.477 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN086722.D
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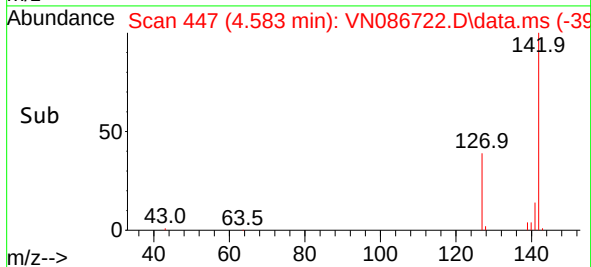
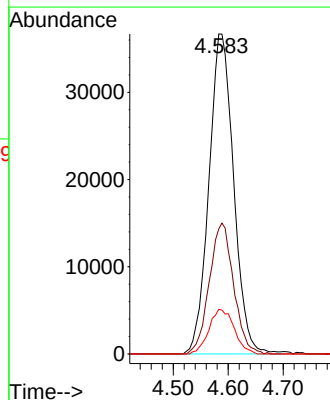
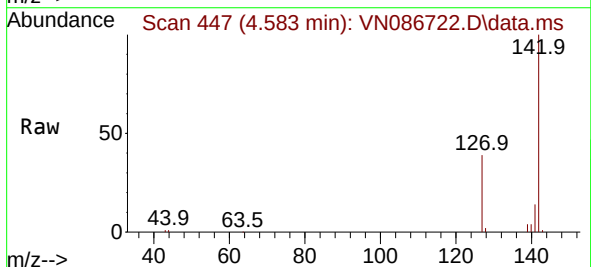
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

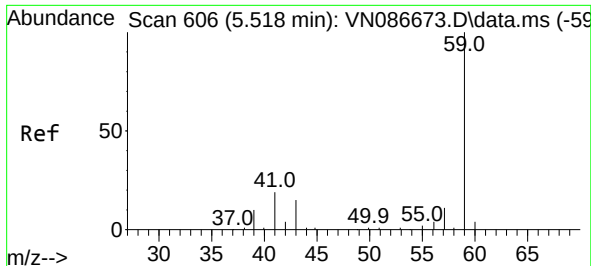
Tgt Ion:101 Resp: 104228
Ion Ratio Lower Upper
101 100
85 43.4 35.0 52.6
151 71.9 58.1 87.1



#10
Methyl Iodide
Concen: 48.193 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN086722.D
Acq: 21 May 2025 11:10

Tgt Ion:142 Resp: 114697
Ion Ratio Lower Upper
142 100
127 39.1 32.4 48.6
141 13.9 11.4 17.2

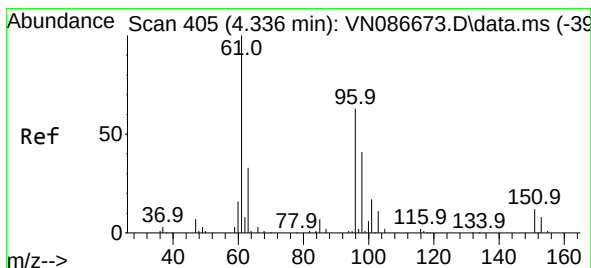
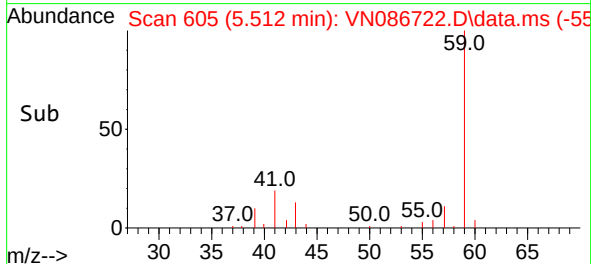
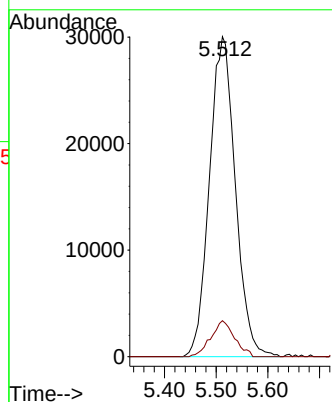
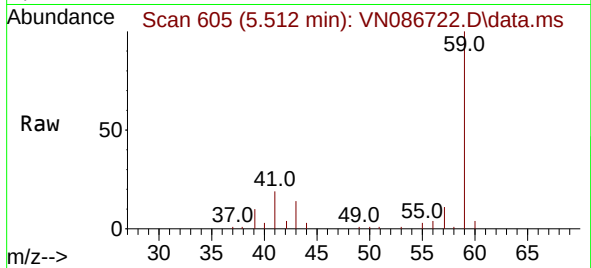




#11
Tert butyl alcohol
Concen: 228.112 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN086722.D
Acq: 21 May 2025 11:10

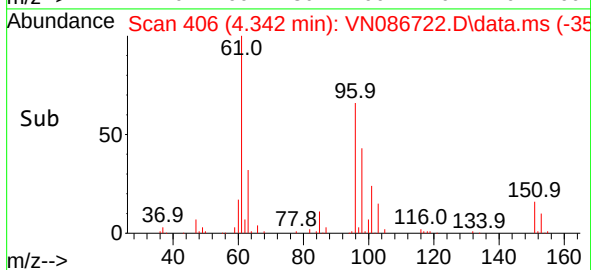
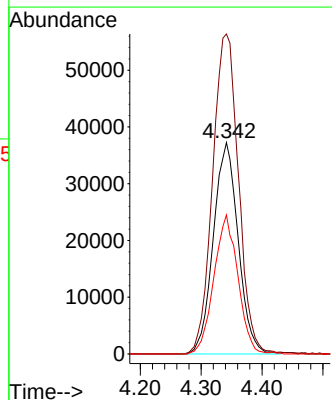
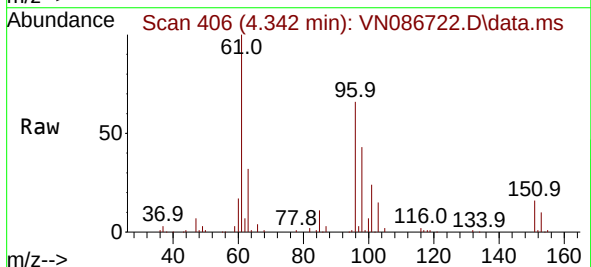
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

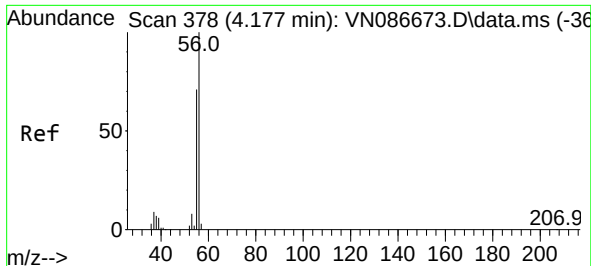
Tgt Ion: 59 Resp: 104653
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2



#12
1,1-Dichloroethene
Concen: 51.901 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN086722.D
Acq: 21 May 2025 11:10

Tgt Ion: 96 Resp: 105531
Ion Ratio Lower Upper
96 100
61 151.4 126.2 189.2
98 65.8 51.5 77.3

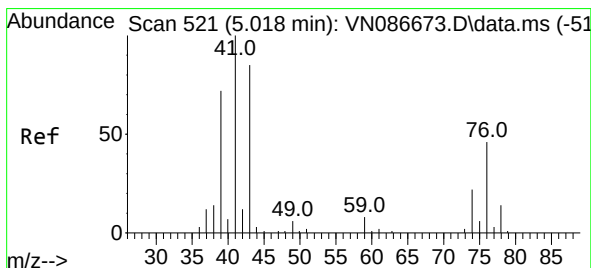
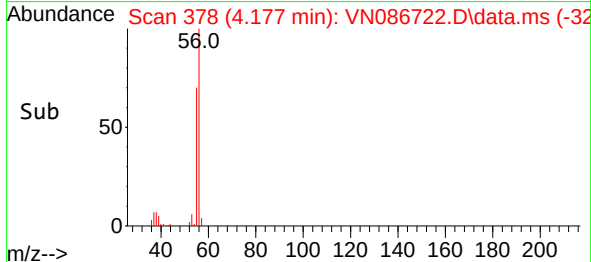
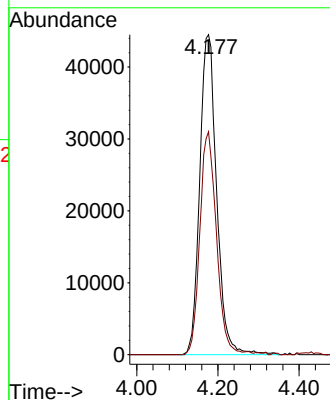
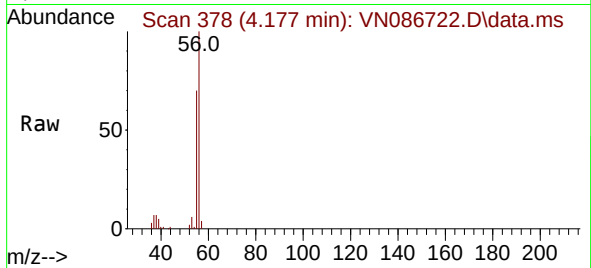




#13
Acrolein
Concen: 262.961 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN086722.D
Acq: 21 May 2025 11:10

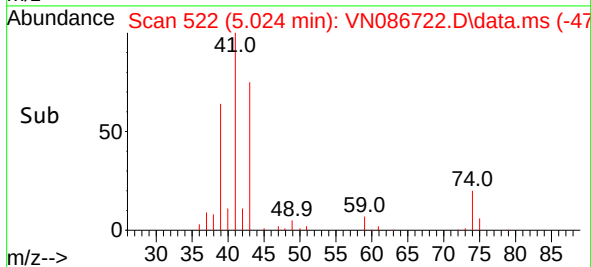
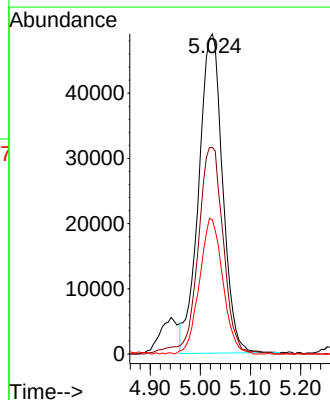
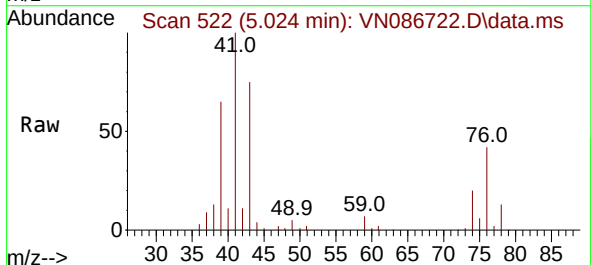
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

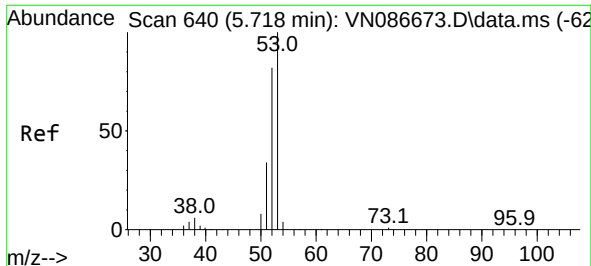
Tgt Ion: 56 Resp: 128968
Ion Ratio Lower Upper
56 100
55 68.0 55.7 83.5



#14
Allyl chloride
Concen: 52.579 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086722.D
Acq: 21 May 2025 11:10

Tgt Ion: 41 Resp: 161817
Ion Ratio Lower Upper
41 100
39 68.3 57.4 86.0
76 41.6 33.2 49.8

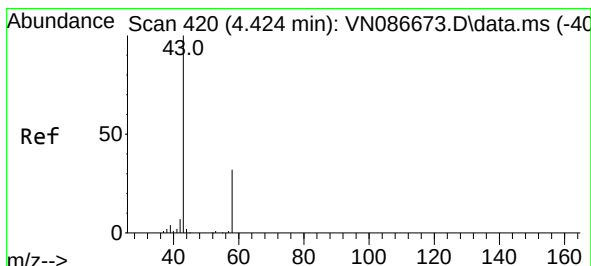
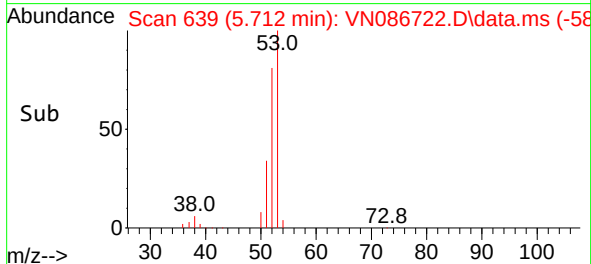
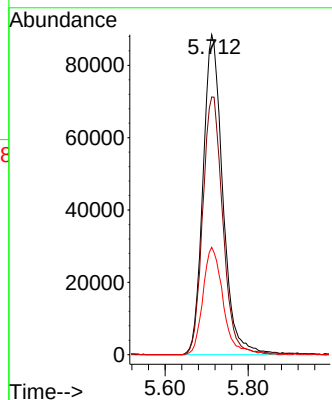
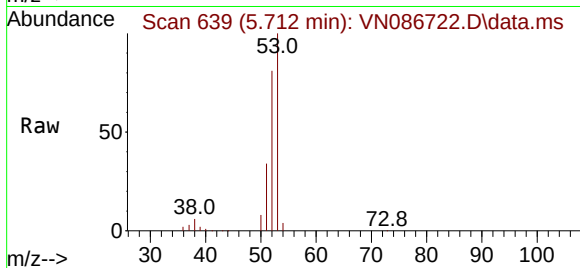




#15
Acrylonitrile
Concen: 257.566 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086722.D
Acq: 21 May 2025 11:10

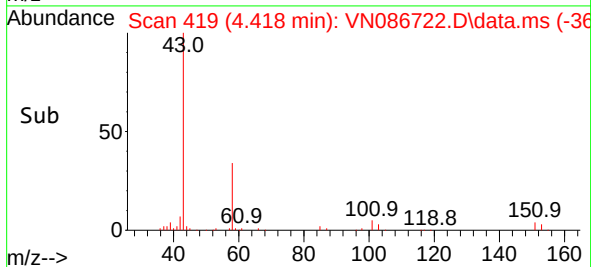
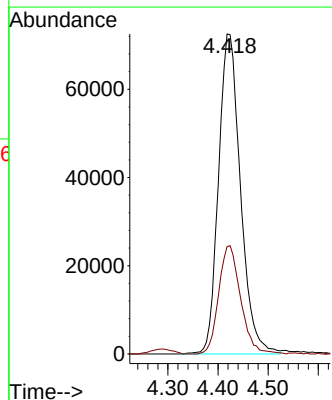
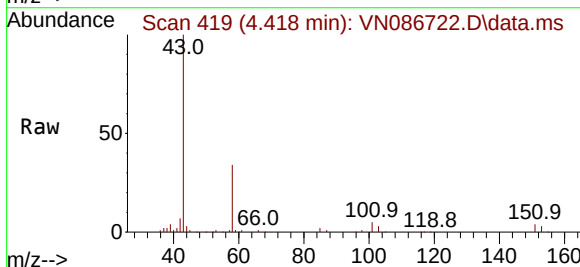
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

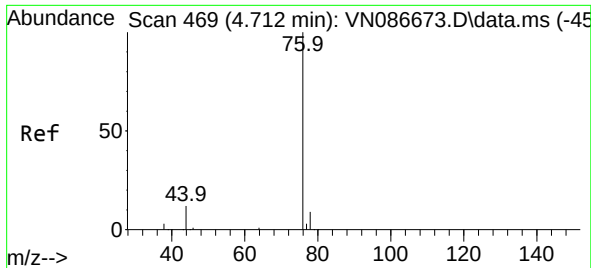
Tgt Ion: 53 Resp: 292576
Ion Ratio Lower Upper
53 100
52 81.6 65.4 98.2
51 34.5 27.9 41.9



#16
Acetone
Concen: 234.441 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN086722.D
Acq: 21 May 2025 11:10

Tgt Ion: 43 Resp: 220911
Ion Ratio Lower Upper
43 100
58 33.2 25.8 38.6

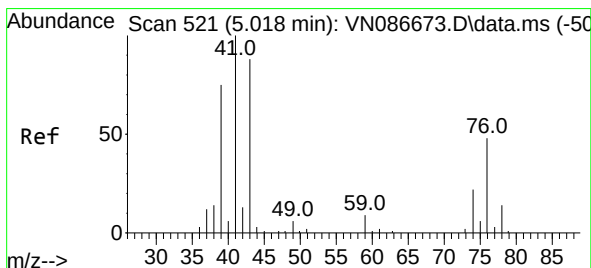
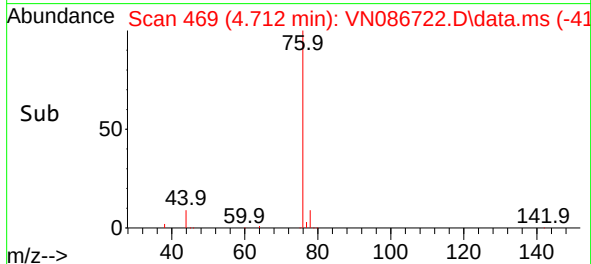
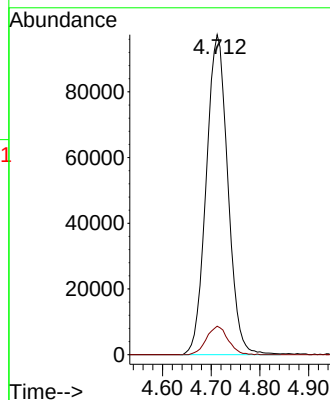
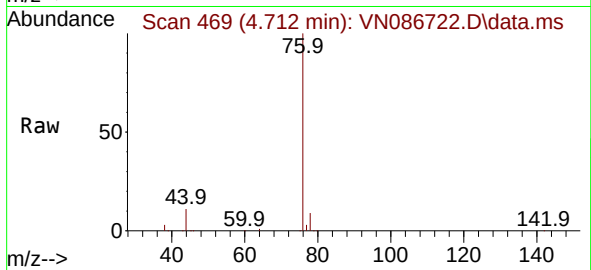




#17
Carbon Disulfide
Concen: 53.269 ug/l
RT: 4.712 min Scan# 409
Delta R.T. -0.000 min
Lab File: VN086722.D
Acq: 21 May 2025 11:10

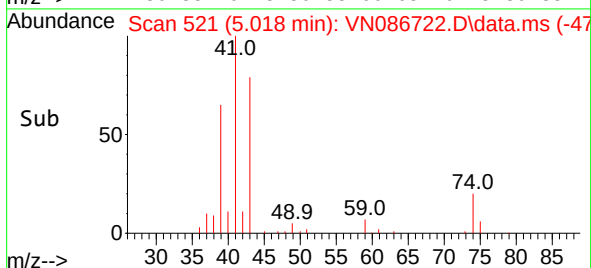
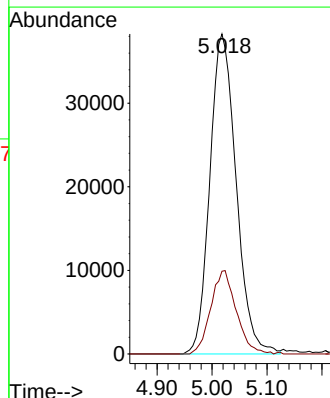
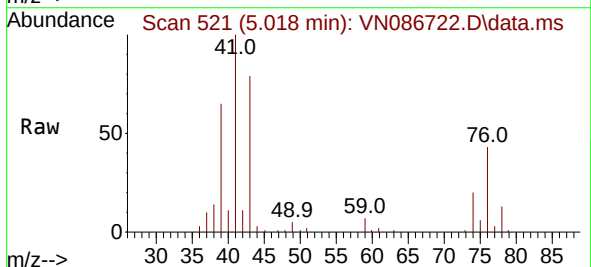
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

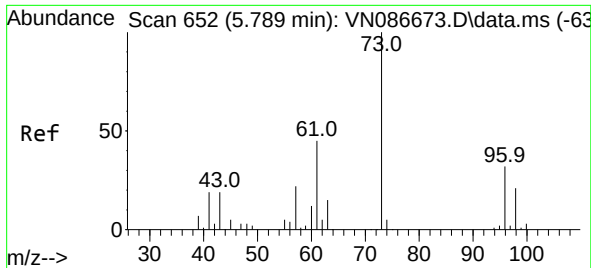
Tgt Ion: 76 Resp: 299879
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9



#18
Methyl Acetate
Concen: 48.312 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN086722.D
Acq: 21 May 2025 11:10

Tgt Ion: 43 Resp: 127415
Ion Ratio Lower Upper
43 100
74 25.2 20.5 30.7

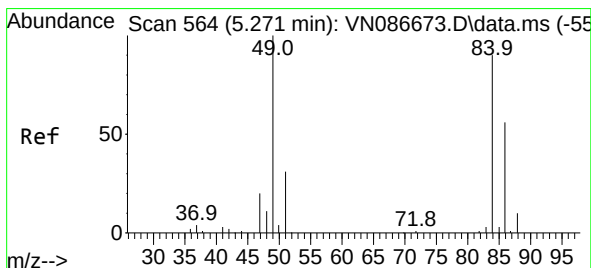
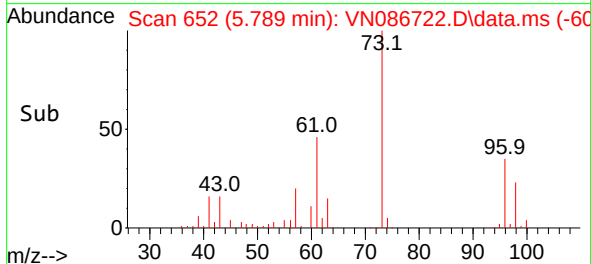
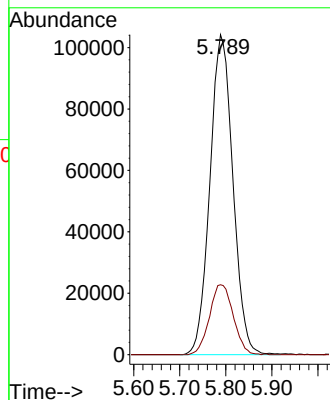
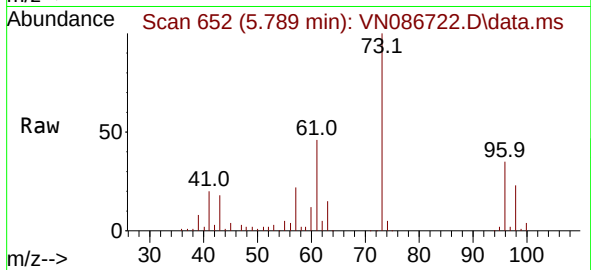




#19
Methyl tert-butyl Ether
Concen: 52.203 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086722.D
Acq: 21 May 2025 11:10

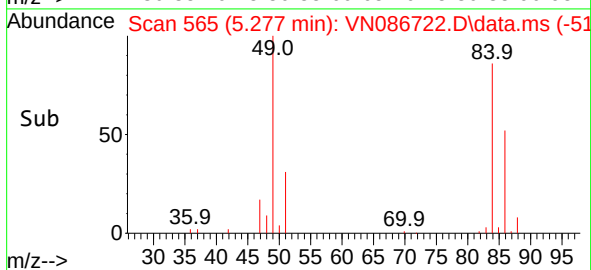
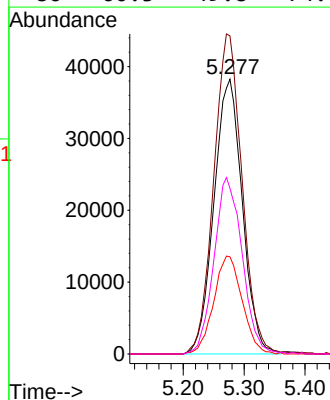
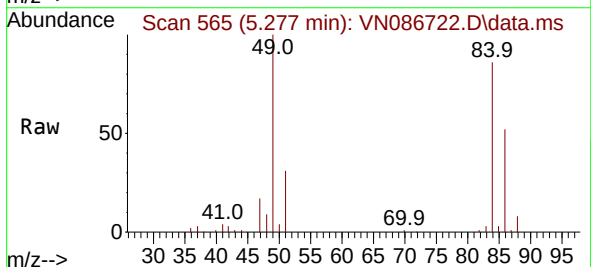
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

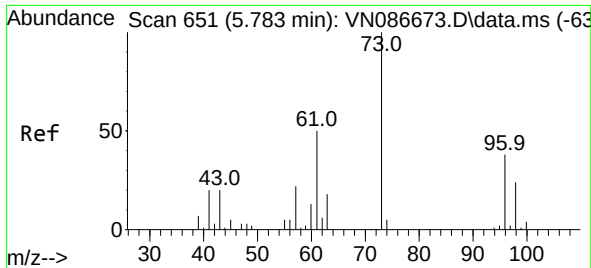
Tgt Ion: 73 Resp: 361423
Ion Ratio Lower Upper
73 100
57 21.9 17.7 26.5



#20
Methylene Chloride
Concen: 49.812 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086722.D
Acq: 21 May 2025 11:10

Tgt Ion: 84 Resp: 123862
Ion Ratio Lower Upper
84 100
49 115.8 88.8 133.2
51 35.4 27.8 41.6
86 60.3 49.8 74.6

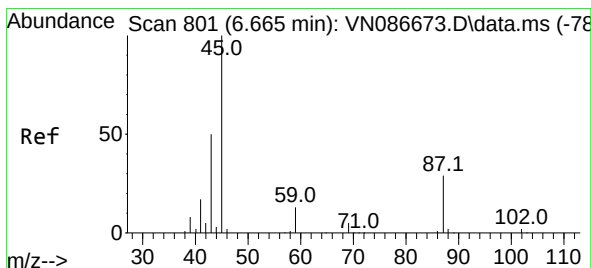
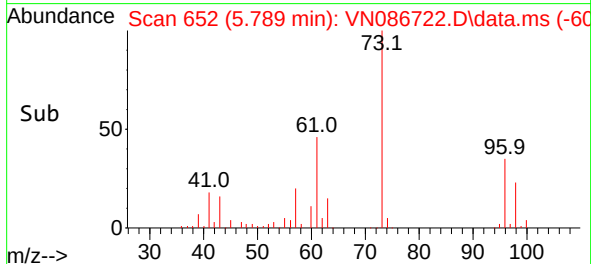
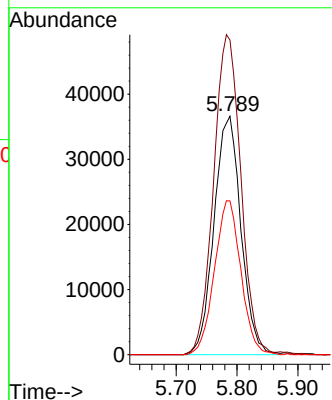
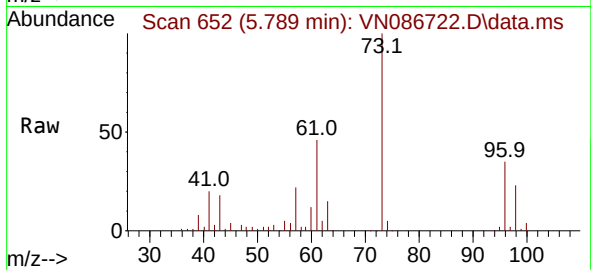




#21
trans-1,2-Dichloroethene
Concen: 52.374 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086722.D
Acq: 21 May 2025 11:10

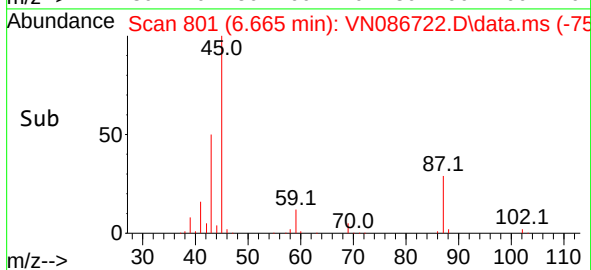
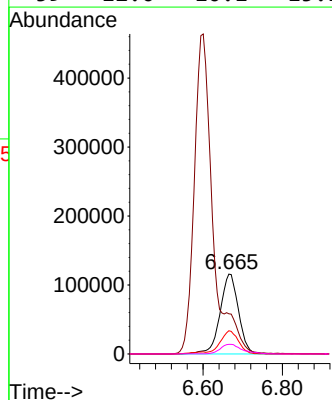
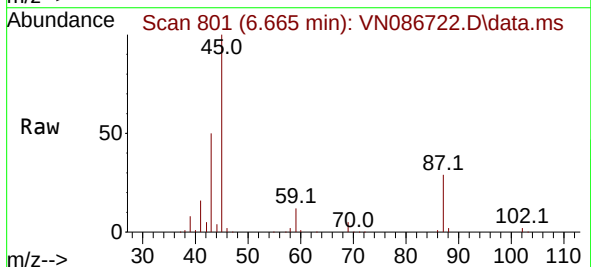
Instrument :
MSVOA_N
ClientSampleId :
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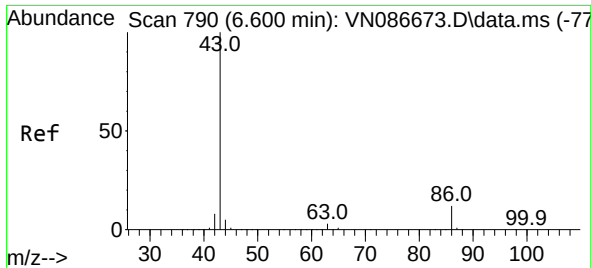
Tgt Ion: 96 Resp: 112592
Ion Ratio Lower Upper
96 100
61 132.0 105.7 158.5
98 64.5 51.0 76.6



#22
Diisopropyl ether
Concen: 53.737 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN086722.D
Acq: 21 May 2025 11:10

Tgt Ion: 45 Resp: 373109
Ion Ratio Lower Upper
45 100
43 49.8 41.4 62.2
87 29.2 22.9 34.3
59 12.0 10.1 15.1

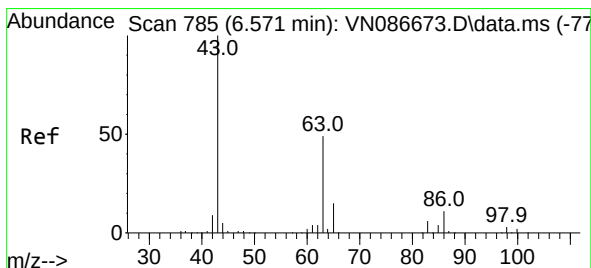
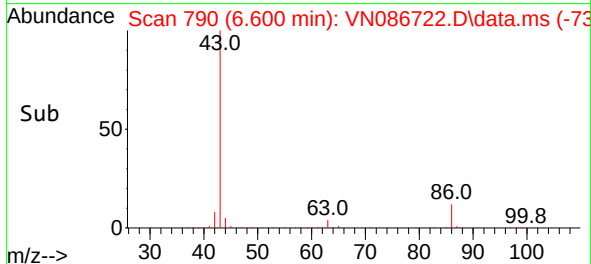
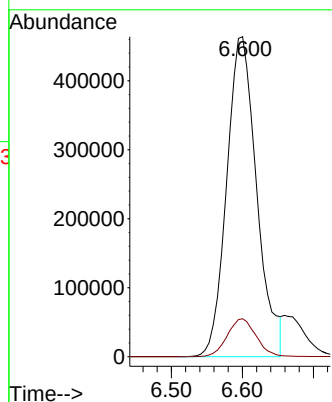
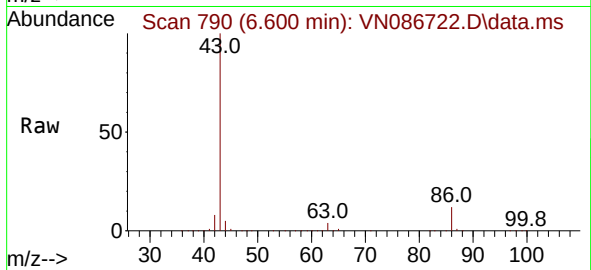




#23
 Vinyl Acetate
 Concen: 261.239 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086722.D
 Acq: 21 May 2025 11:10

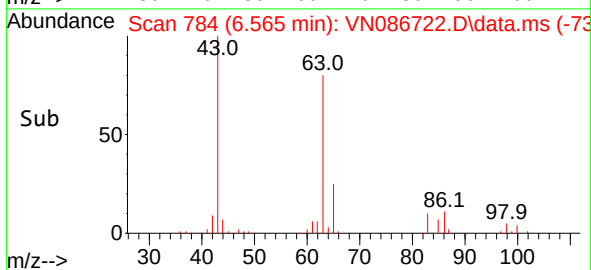
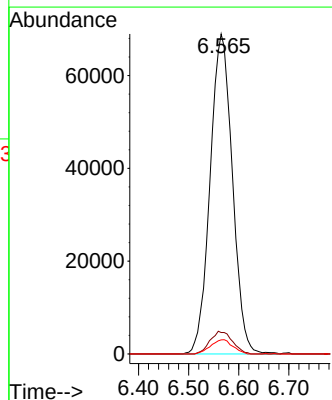
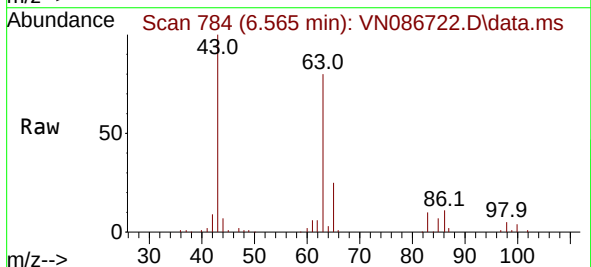
Instrument :
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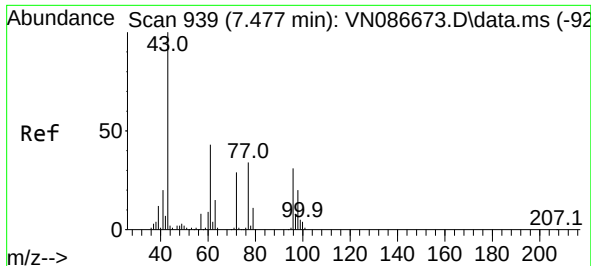
Tgt Ion: 43 Resp: 1363220
 Ion Ratio Lower Upper
 43 100
 86 11.9 9.5 14.3



#24
 1,1-Dichloroethane
 Concen: 52.317 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN086722.D
 Acq: 21 May 2025 11:10

Tgt Ion: 63 Resp: 213270
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.4 10.2
 100 4.4 2.4 7.1

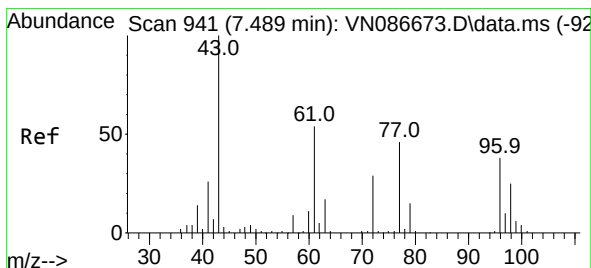
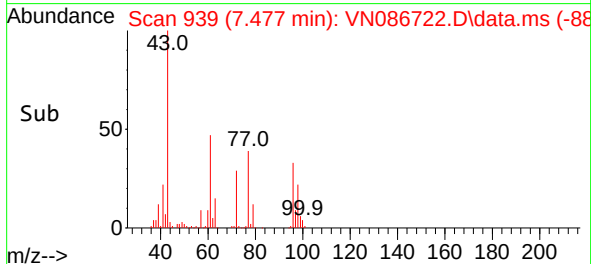
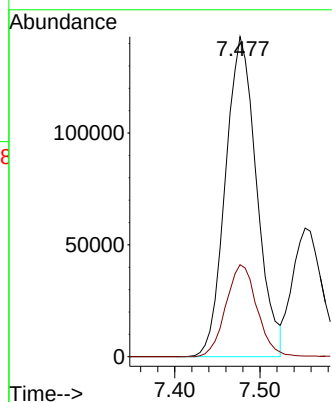
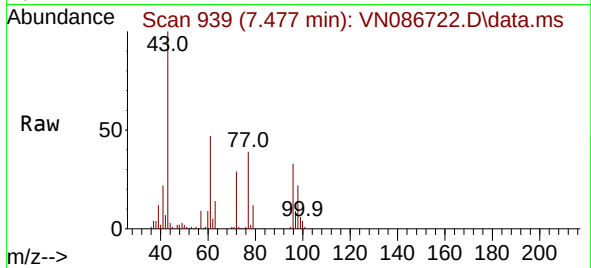




#25
2-Butanone
Concen: 250.212 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086722.D
Acq: 21 May 2025 11:10

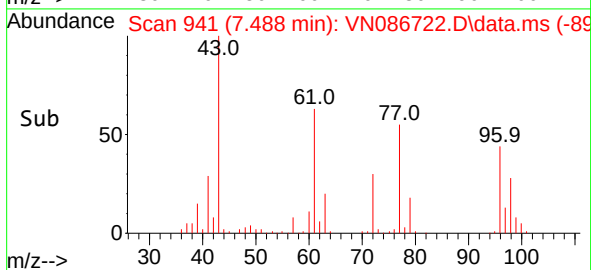
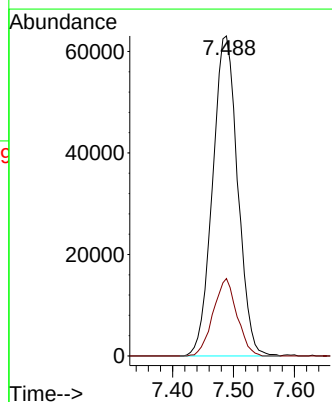
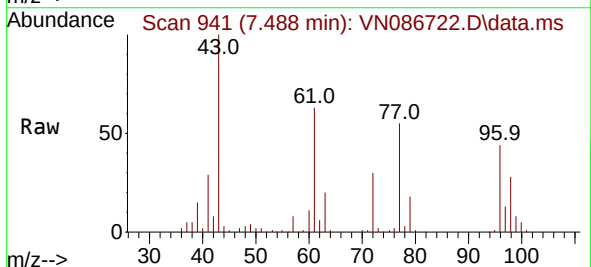
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

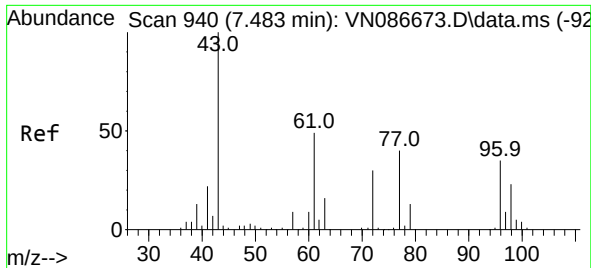
Tgt Ion: 43 Resp: 364333
Ion Ratio Lower Upper
43 100
72 28.8 23.1 34.7



#26
2,2-Dichloropropane
Concen: 53.646 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN086722.D
Acq: 21 May 2025 11:10

Tgt Ion: 77 Resp: 180472
Ion Ratio Lower Upper
77 100
97 22.9 11.6 34.7

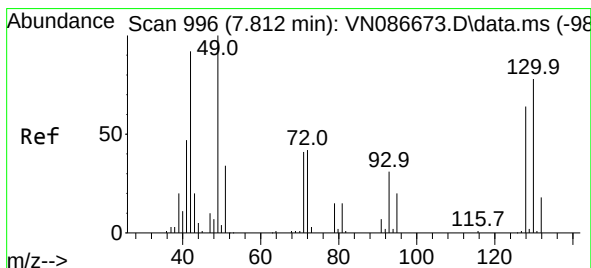
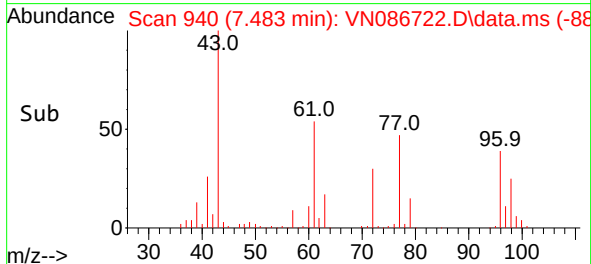
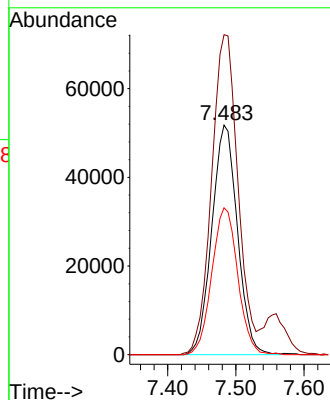
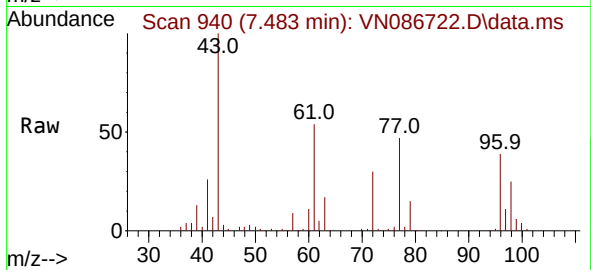




#27
 cis-1,2-Dichloroethene
 Concen: 51.323 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN086722.D
 Acq: 21 May 2025 11:10

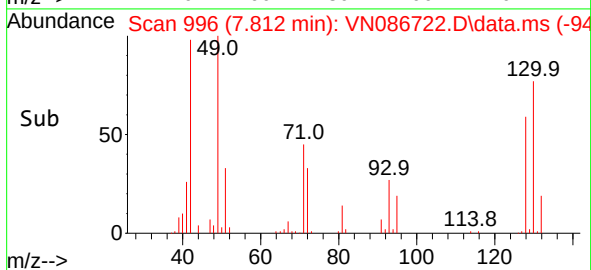
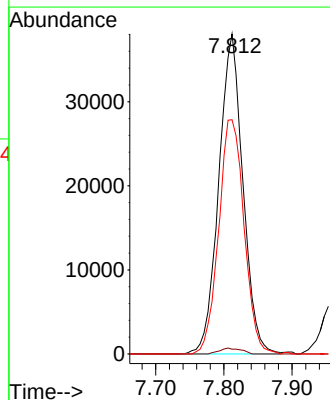
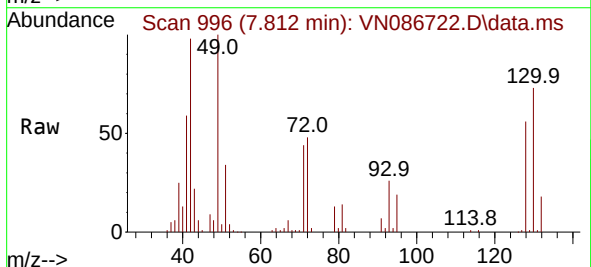
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

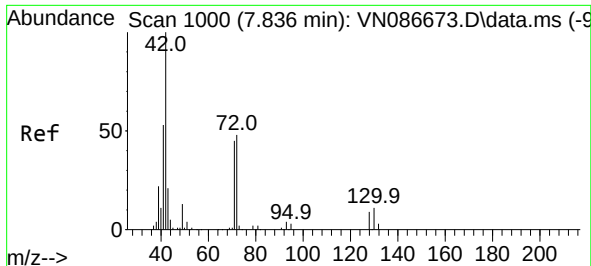
Tgt Ion: 96 Resp: 135427
 Ion Ratio Lower Upper
 96 100
 61 143.1 0.0 277.4
 98 64.7 0.0 129.6



#28
 Bromochloromethane
 Concen: 50.562 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN086722.D
 Acq: 21 May 2025 11:10

Tgt Ion: 49 Resp: 93646
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.8
 130 76.9 62.2 93.4





#29

Tetrahydrofuran

Concen: 253.670 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086722.D

Acq: 21 May 2025 11:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

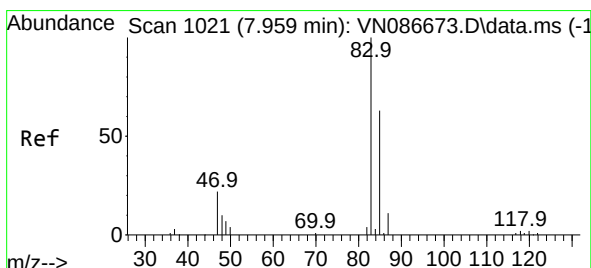
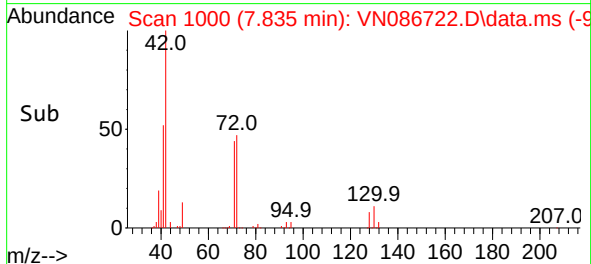
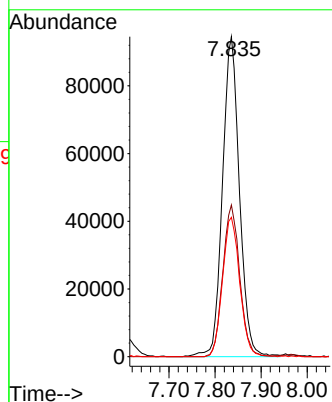
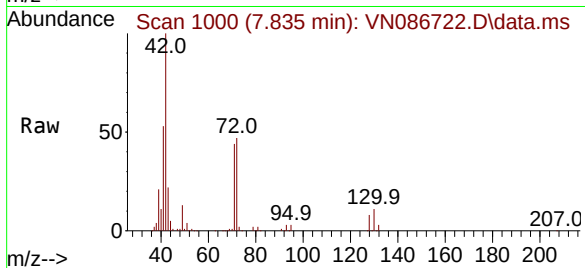
Tgt Ion: 42 Resp: 241092

Ion Ratio Lower Upper

42 100

72 47.3 38.7 58.1

71 44.1 36.2 54.4



#30

Chloroform

Concen: 51.346 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VN086722.D

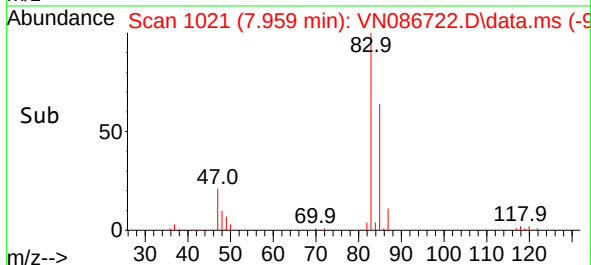
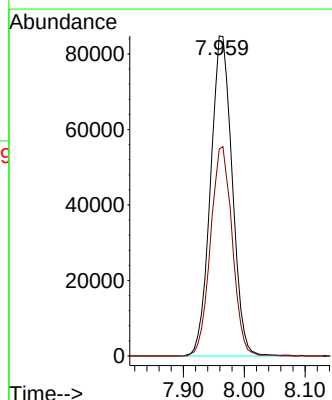
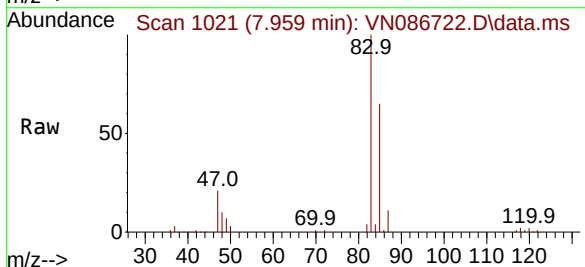
Acq: 21 May 2025 11:10

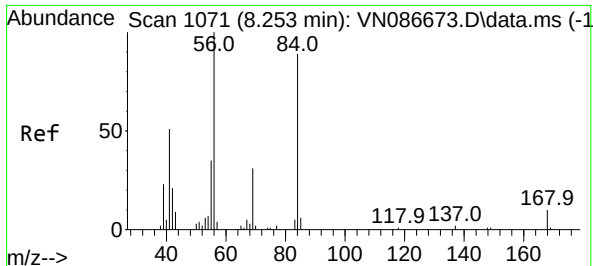
Tgt Ion: 83 Resp: 209502

Ion Ratio Lower Upper

83 100

85 64.7 50.2 75.4

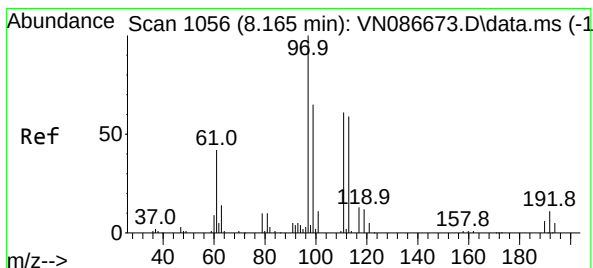
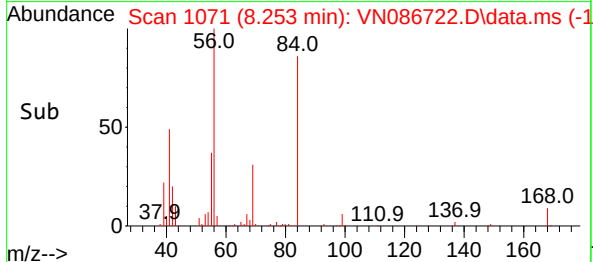
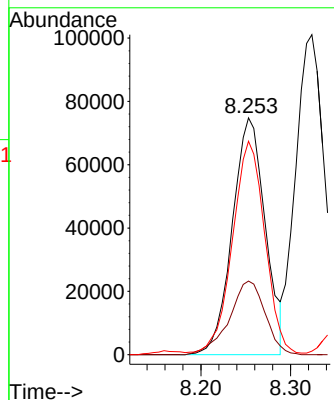
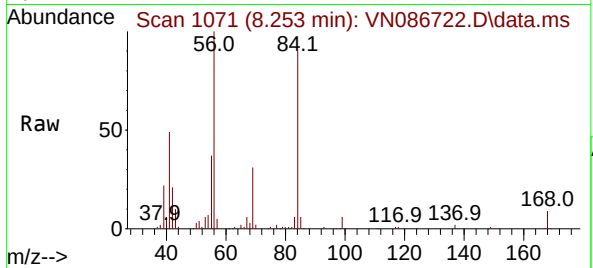




#31
Cyclohexane
Concen: 50.444 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086722.D
Acq: 21 May 2025 11:10

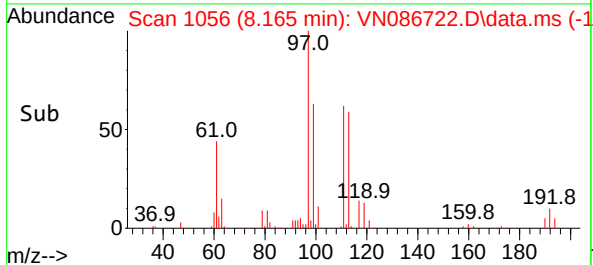
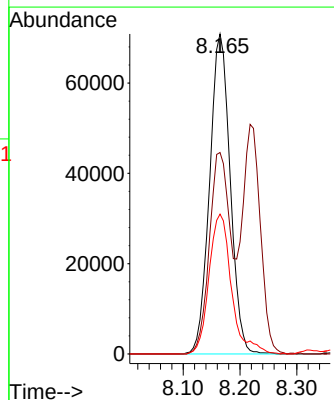
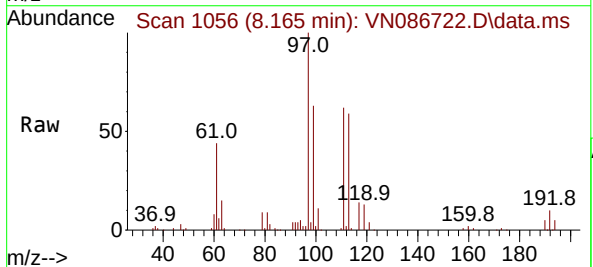
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

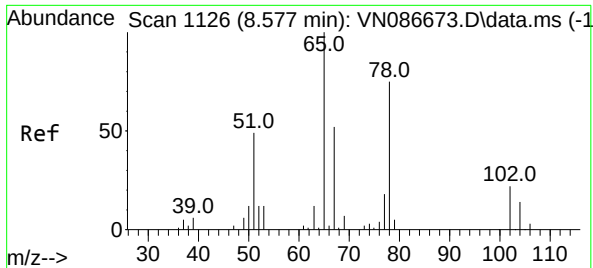
Tgt Ion: 56 Resp: 190712
Ion Ratio Lower Upper
56 100
69 31.1 25.0 37.6
84 88.9 71.0 106.4



#32
1,1,1-Trichloroethane
Concen: 51.729 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086722.D
Acq: 21 May 2025 11:10

Tgt Ion: 97 Resp: 177954
Ion Ratio Lower Upper
97 100
99 65.8 52.6 79.0
61 47.7 37.7 56.5





#33

1,2-Dichloroethane-d4

Concen: 50.735 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086722.D

Acq: 21 May 2025 11:10

Instrument :

MSVOA_N

ClientSampleId :

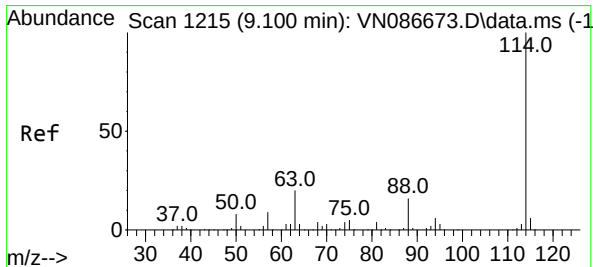
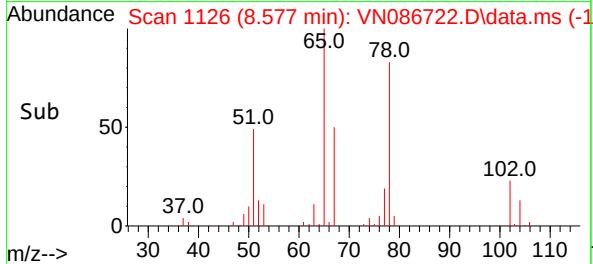
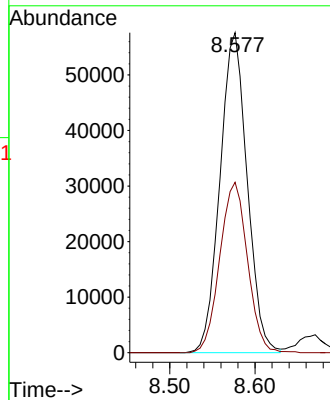
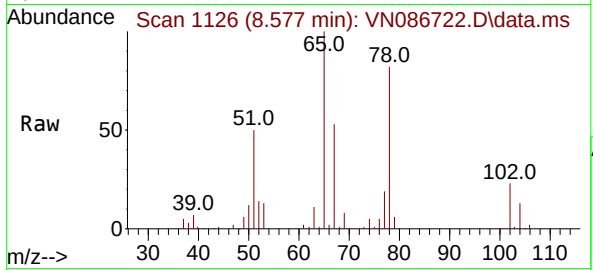
VSTDCCC050

Tgt Ion: 65 Resp: 127804

Ion Ratio Lower Upper

65 100

67 54.3 0.0 106.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086722.D

Acq: 21 May 2025 11:10

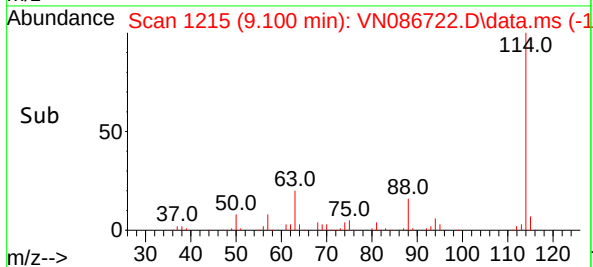
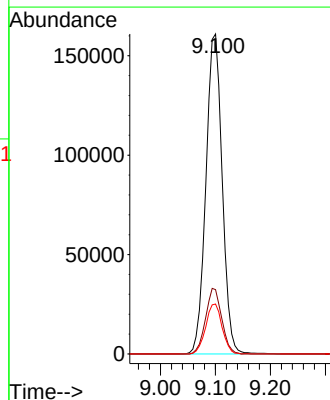
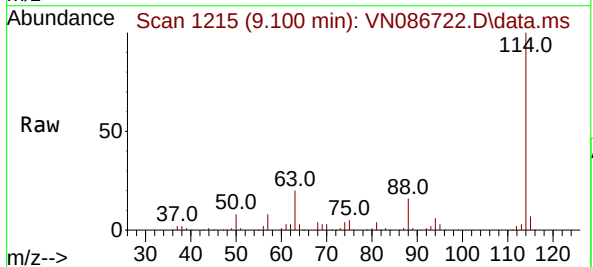
Tgt Ion: 114 Resp: 331408

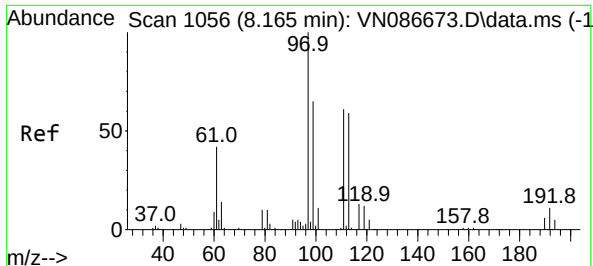
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.2

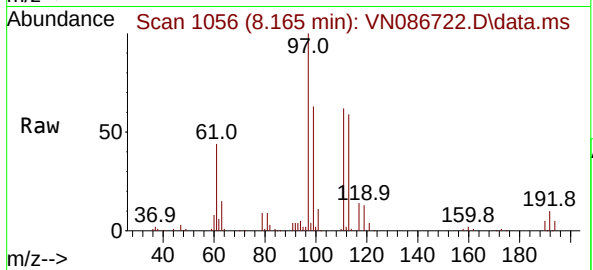
88 15.6 0.0 31.2



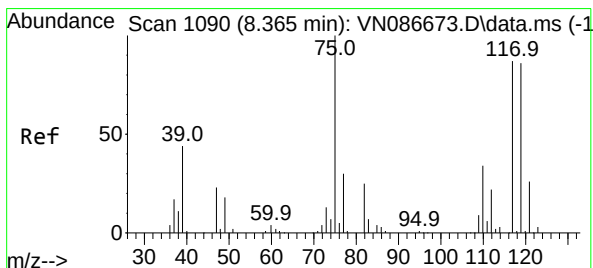
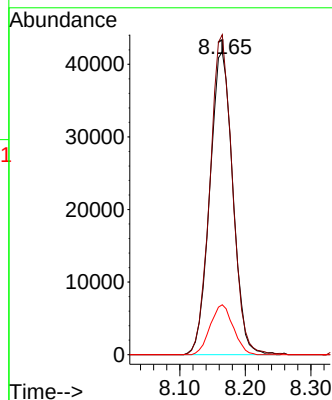
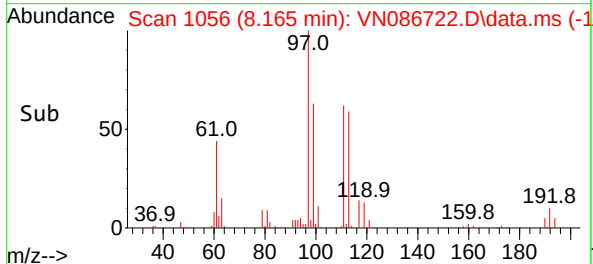


#35
Dibromofluoromethane
Concen: 51.518 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086722.D
Acq: 21 May 2025 11:10

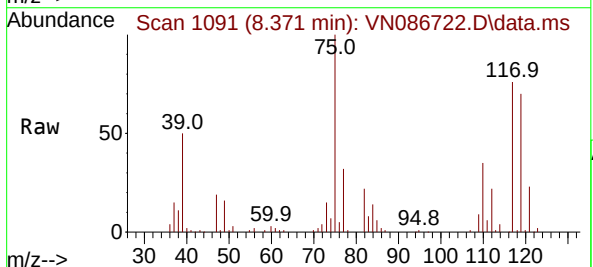
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



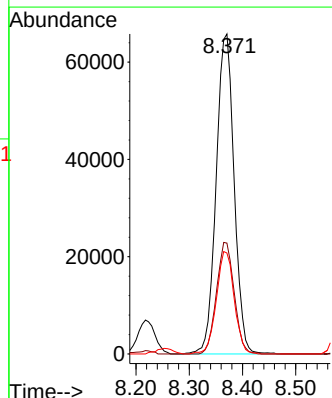
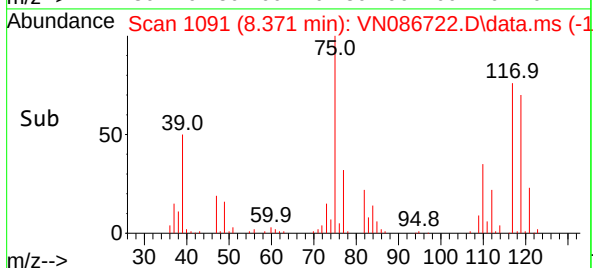
Tgt Ion:113 Resp: 101679
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 16.5 13.8 20.8

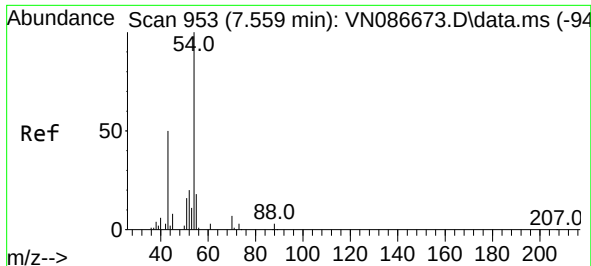


#36
1,1-Dichloropropene
Concen: 52.936 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN086722.D
Acq: 21 May 2025 11:10



Tgt Ion: 75 Resp: 154110
Ion Ratio Lower Upper
75 100
110 34.3 17.5 52.5
77 31.8 25.1 37.7

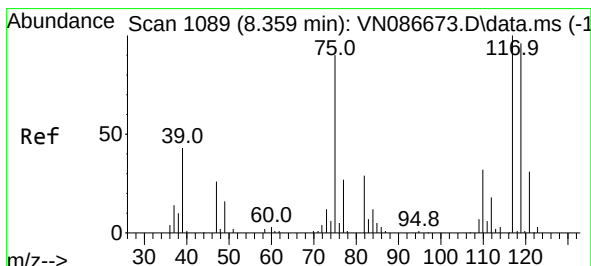
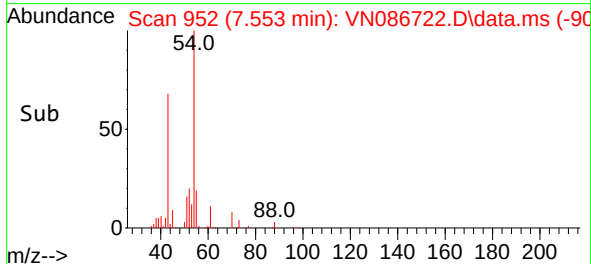
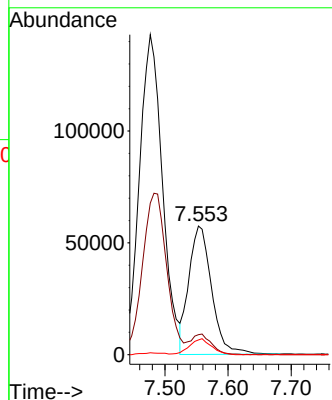
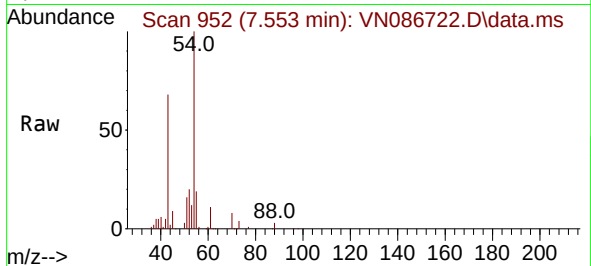




#37
Ethyl Acetate
Concen: 48.813 ug/l
RT: 7.553 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086722.D
Acq: 21 May 2025 11:10

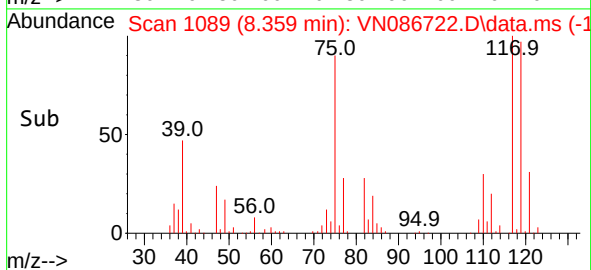
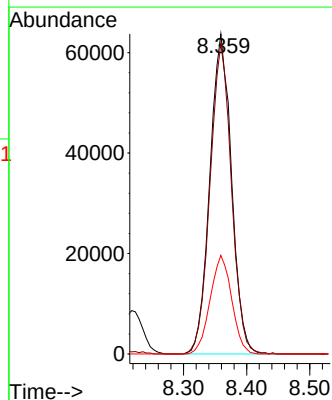
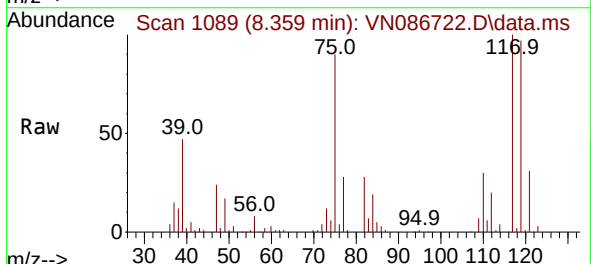
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

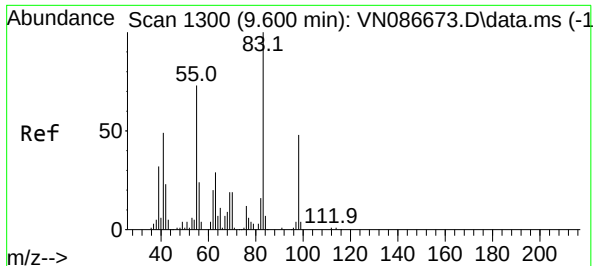
Tgt Ion: 43 Resp: 143549
Ion Ratio Lower Upper
43 100
61 13.8 11.6 17.4
70 11.9 9.4 14.0



#38
Carbon Tetrachloride
Concen: 52.805 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN086722.D
Acq: 21 May 2025 11:10

Tgt Ion: 117 Resp: 151468
Ion Ratio Lower Upper
117 100
119 97.1 77.0 115.6
121 30.8 25.0 37.6





#39

Methylcyclohexane

Concen: 54.644 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN086722.D

Acq: 21 May 2025 11:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

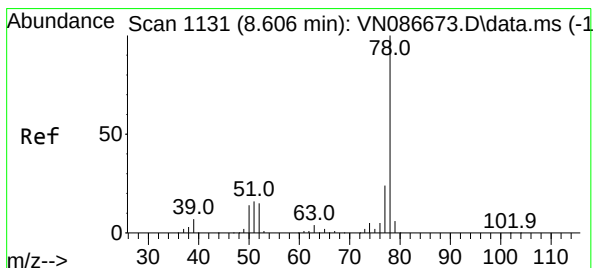
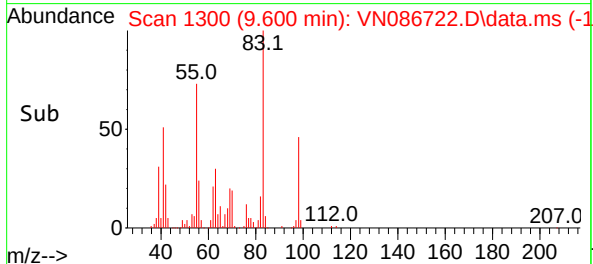
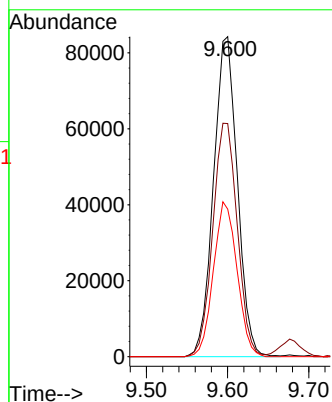
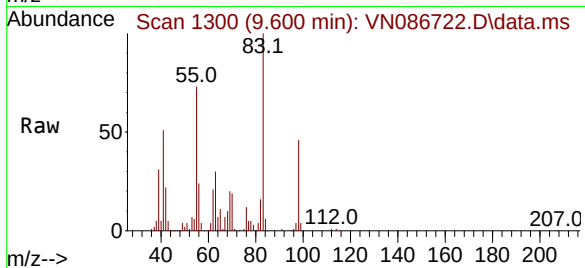
Tgt Ion: 83 Resp: 172177

Ion Ratio Lower Upper

83 100

55 72.8 58.2 87.4

98 46.1 38.4 57.6



#40

Benzene

Concen: 52.122 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN086722.D

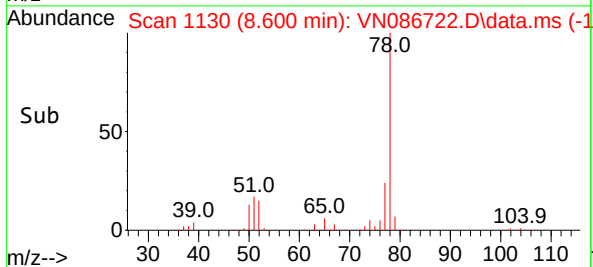
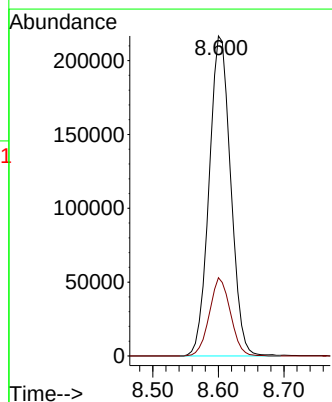
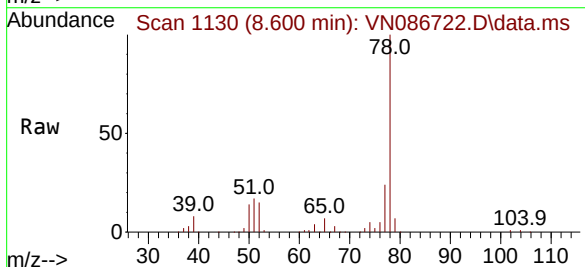
Acq: 21 May 2025 11:10

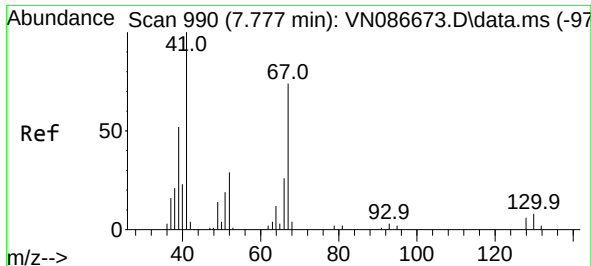
Tgt Ion: 78 Resp: 495006

Ion Ratio Lower Upper

78 100

77 24.5 19.1 28.7

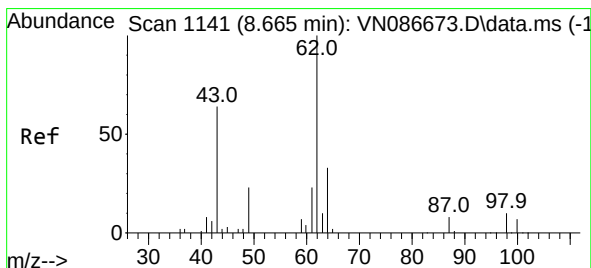
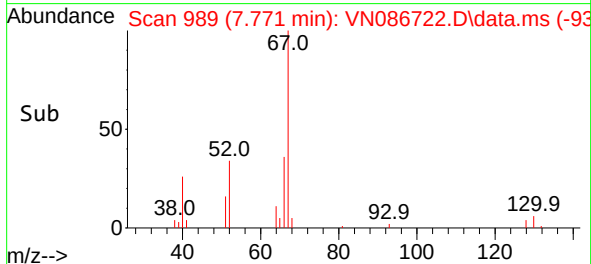
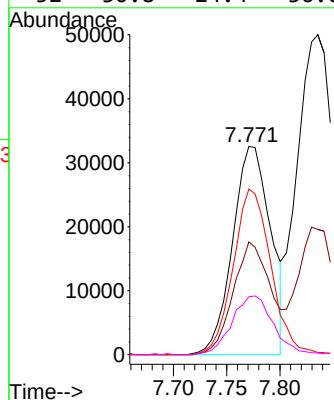
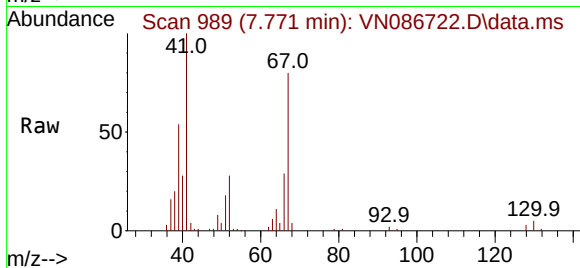




#41
Methacrylonitrile
Concen: 50.954 ug/l
RT: 7.771 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN086722.D
Acq: 21 May 2025 11:10

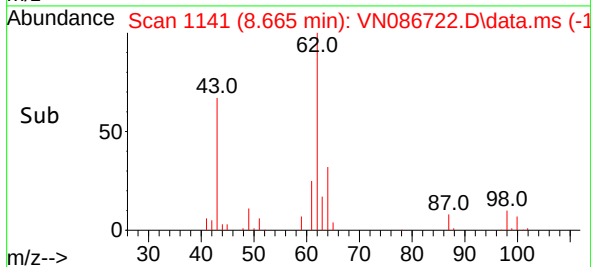
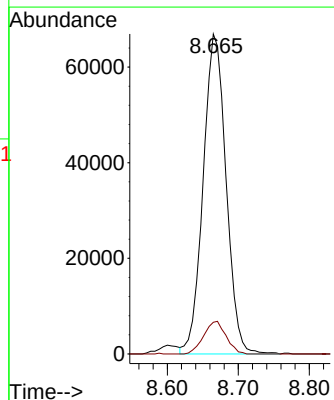
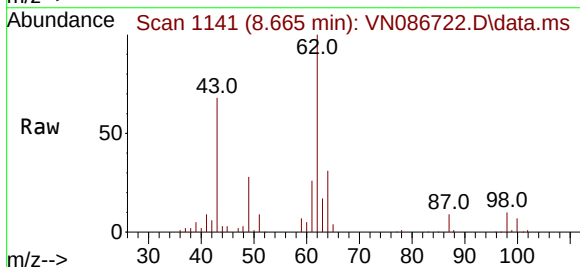
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

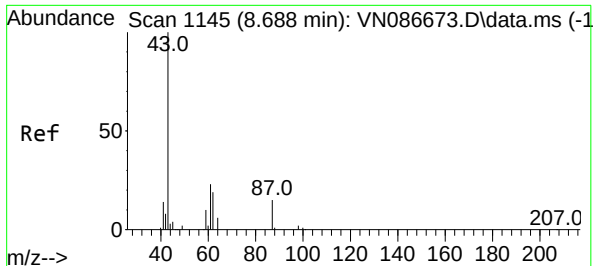
Tgt Ion: 41	Resp: 80906
Ion Ratio	Lower Upper
41 100	
39 52.3	44.9 67.3
67 79.1	63.4 95.0
52 30.8	24.4 36.6



#42
1,2-Dichloroethane
Concen: 50.786 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086722.D
Acq: 21 May 2025 11:10

Tgt Ion: 62	Resp: 150262
Ion Ratio	Lower Upper
62 100	
98 10.0	0.0 19.2

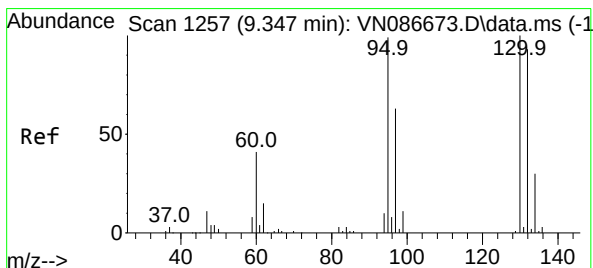
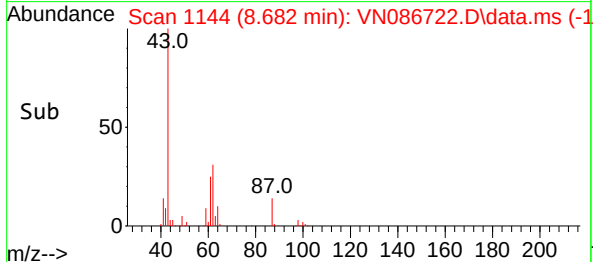
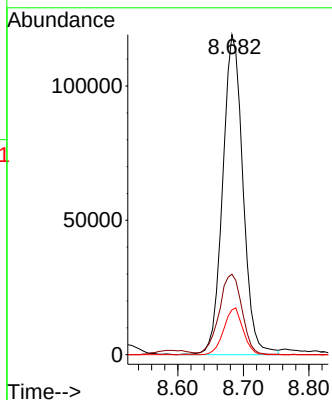
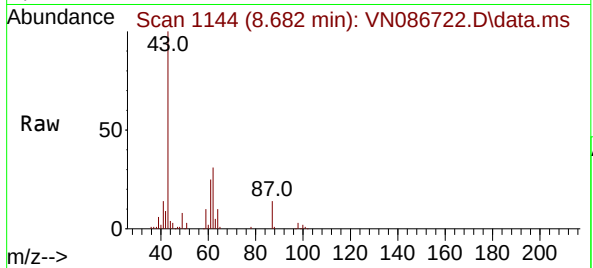




#43
Isopropyl Acetate
Concen: 43.376 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN086722.D
Acq: 21 May 2025 11:10

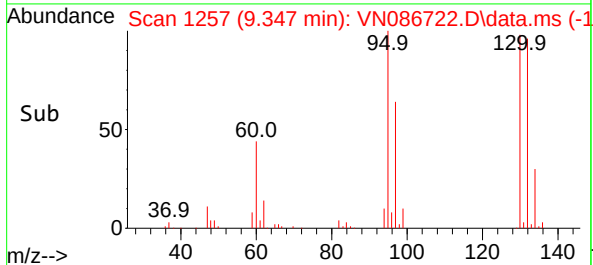
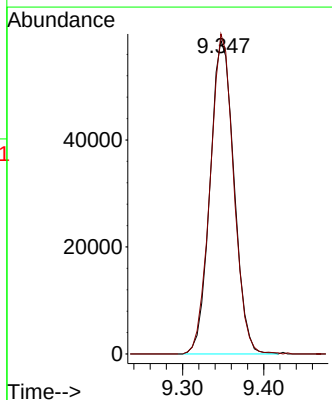
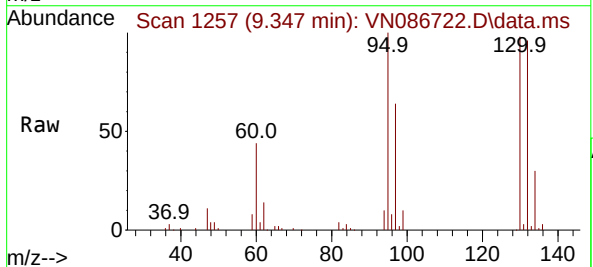
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

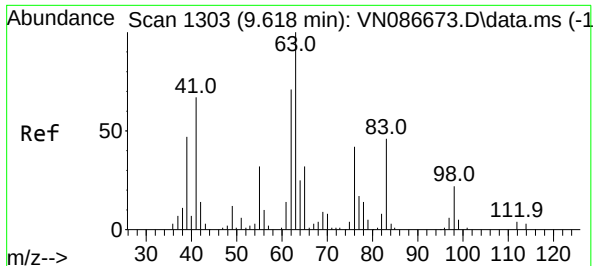
Tgt Ion: 43 Resp: 255716
Ion Ratio Lower Upper
43 100
61 28.3 21.4 32.2
87 13.8 11.1 16.7



#44
Trichloroethene
Concen: 52.450 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086722.D
Acq: 21 May 2025 11:10

Tgt Ion:130 Resp: 120144
Ion Ratio Lower Upper
130 100
95 102.1 0.0 197.0





#45

1,2-Dichloropropane

Concen: 53.419 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086722.D

Acq: 21 May 2025 11:10

Instrument :

MSVOA_N

ClientSampleId :

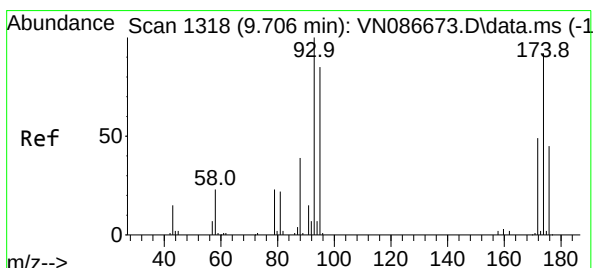
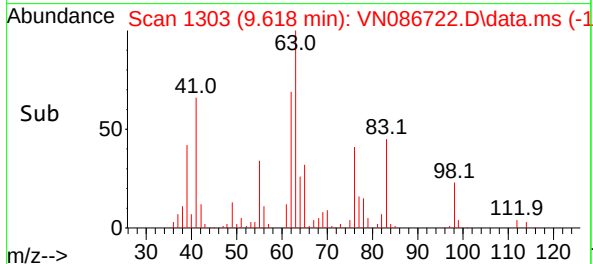
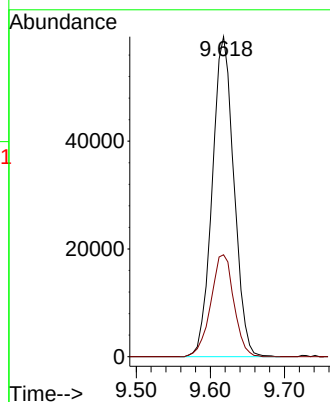
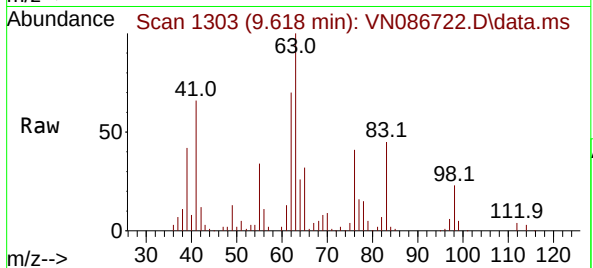
VSTDCCC050

Tgt Ion: 63 Resp: 120516

Ion Ratio Lower Upper

63 100

65 31.9 25.8 38.6



#46

Dibromomethane

Concen: 51.509 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086722.D

Acq: 21 May 2025 11:10

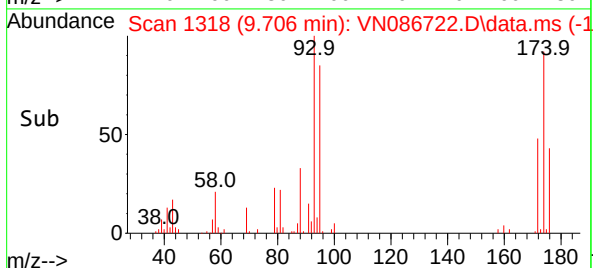
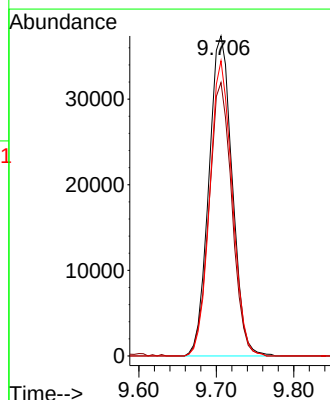
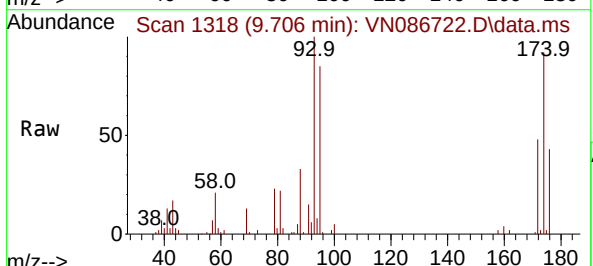
Tgt Ion: 93 Resp: 78413

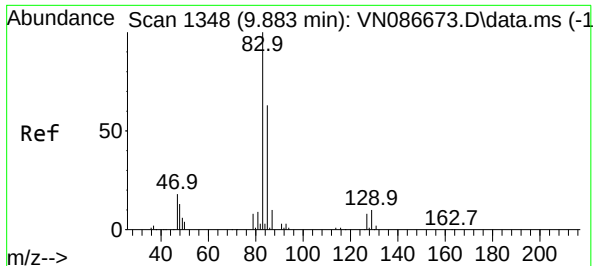
Ion Ratio Lower Upper

93 100

95 83.6 67.1 100.7

174 88.4 73.8 110.6





#47

Bromodichloromethane

Concen: 52.985 ug/l

RT: 9.882 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086722.D

Acq: 21 May 2025 11:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

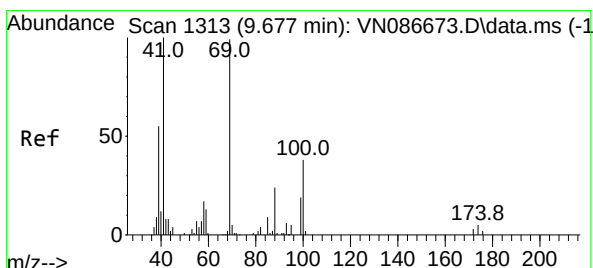
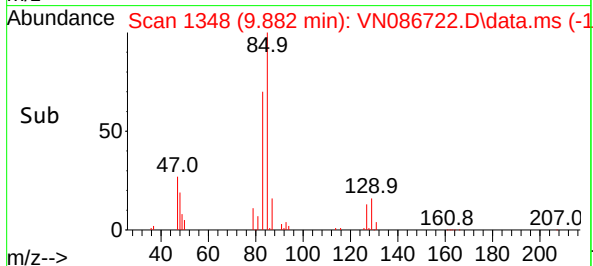
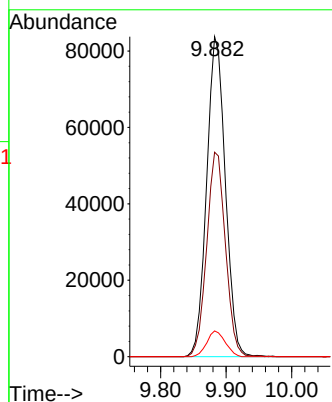
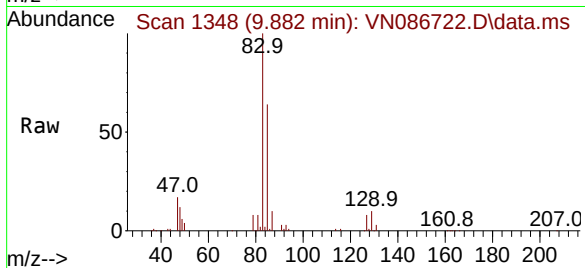
Tgt Ion: 83 Resp: 166192

Ion Ratio Lower Upper

83 100

85 63.9 50.1 75.1

127 8.0 6.2 9.4



#48

Methyl methacrylate

Concen: 50.991 ug/l

RT: 9.676 min Scan# 1313

Delta R.T. -0.000 min

Lab File: VN086722.D

Acq: 21 May 2025 11:10

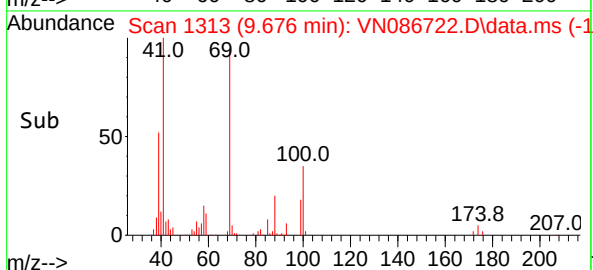
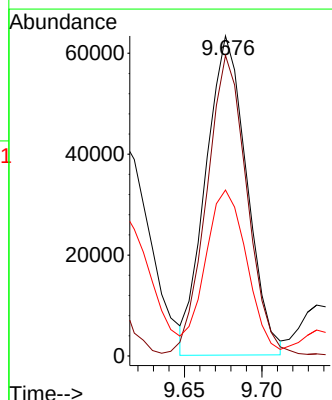
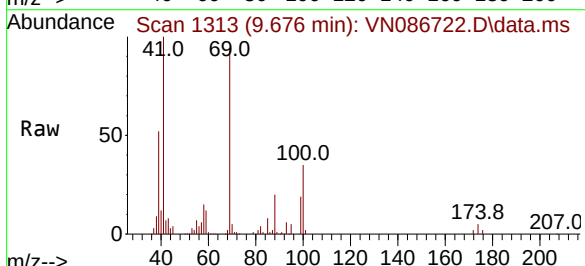
Tgt Ion: 41 Resp: 116487

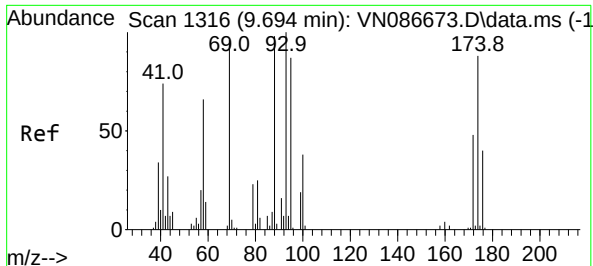
Ion Ratio Lower Upper

41 100

69 93.5 74.1 111.1

39 53.2 44.1 66.1





#49

1,4-Dioxane

Concen: 1008.620 ug/l

RT: 9.688 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN086722.D

Acq: 21 May 2025 11:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

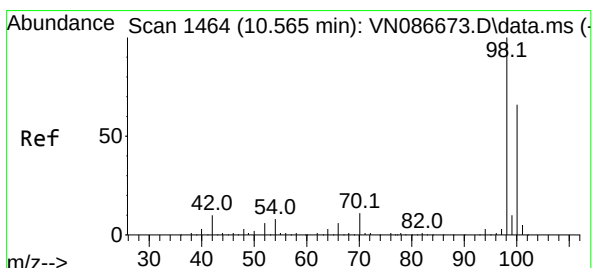
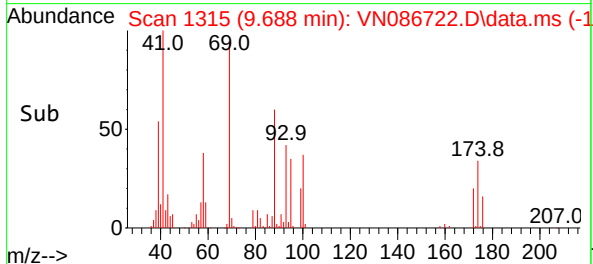
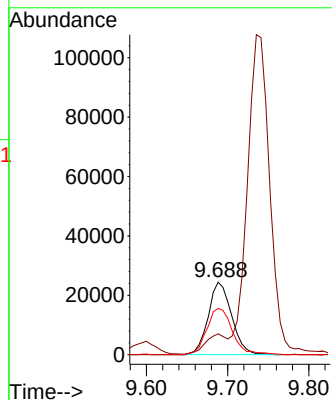
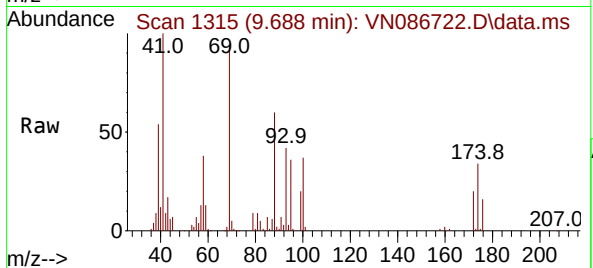
Tgt Ion: 88 Resp: 48790

Ion Ratio Lower Upper

88 100

43 25.2 23.6 35.4

58 70.1 55.3 82.9



#50

Toluene-d8

Concen: 51.988 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086722.D

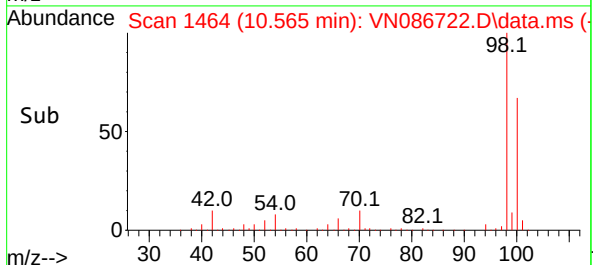
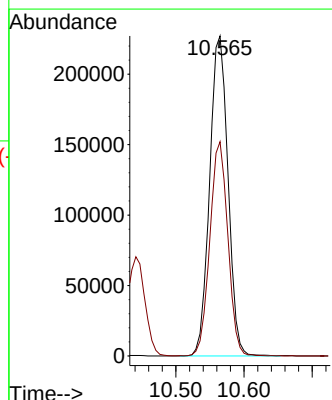
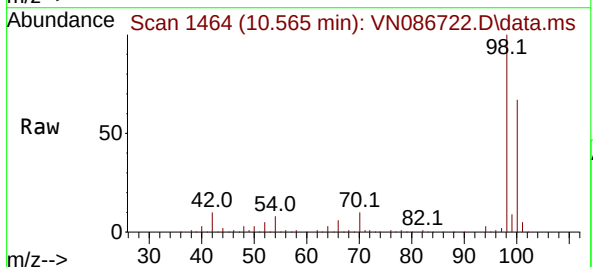
Acq: 21 May 2025 11:10

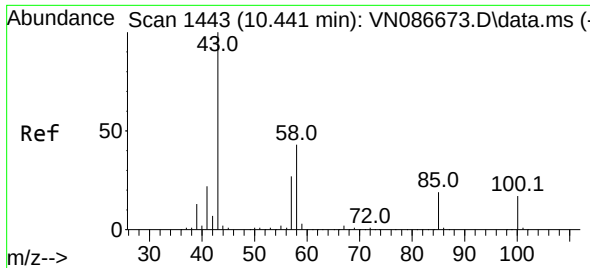
Tgt Ion: 98 Resp: 425210

Ion Ratio Lower Upper

98 100

100 65.5 52.9 79.3

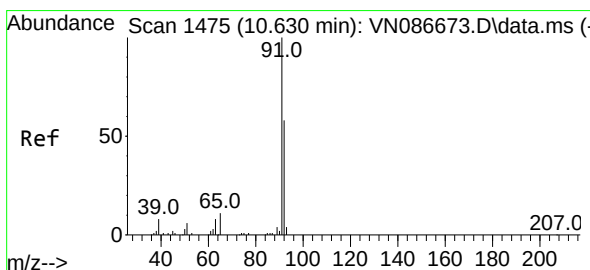
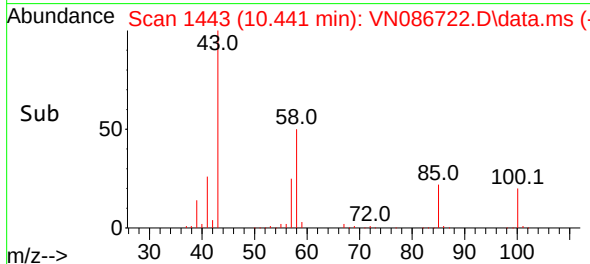
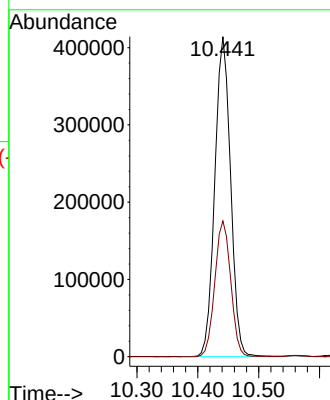
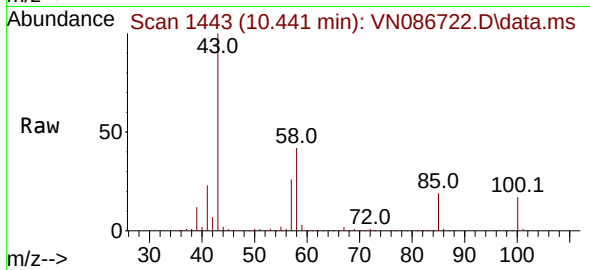




#51
4-Methyl-2-Pentanone
Concen: 250.764 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086722.D
Acq: 21 May 2025 11:10

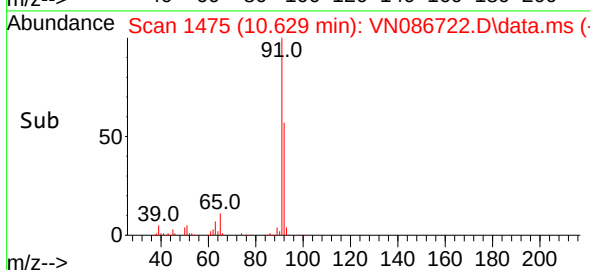
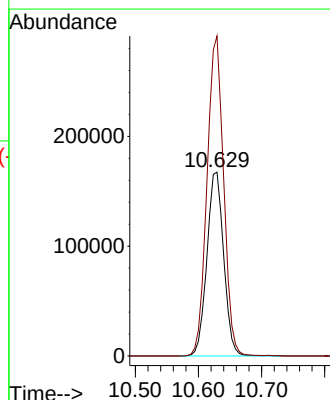
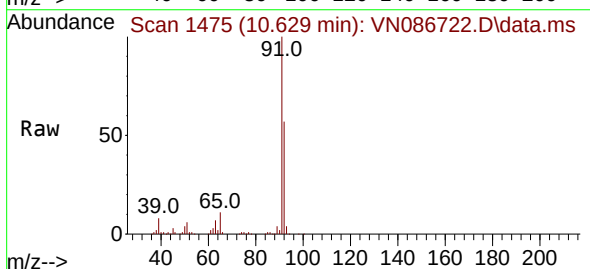
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

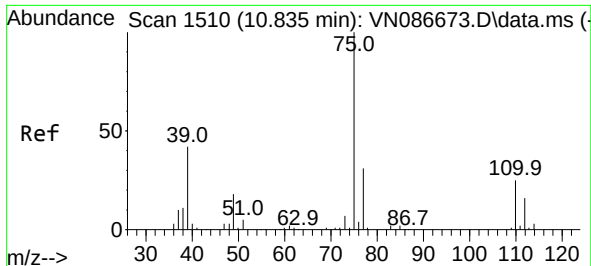
Tgt Ion: 43 Resp: 745520
Ion Ratio Lower Upper
43 100
58 42.7 33.9 50.9



#52
Toluene
Concen: 52.340 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086722.D
Acq: 21 May 2025 11:10

Tgt Ion: 92 Resp: 308943
Ion Ratio Lower Upper
92 100
91 172.6 137.8 206.8

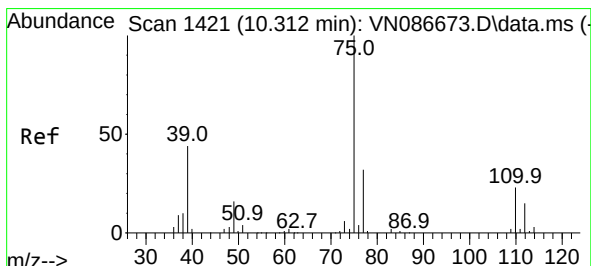
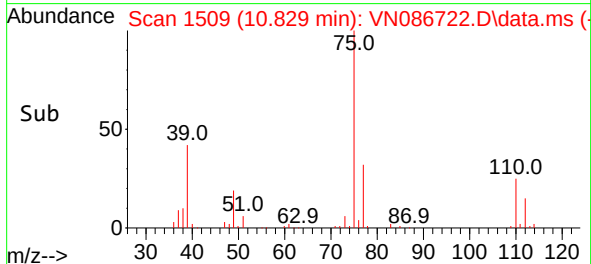
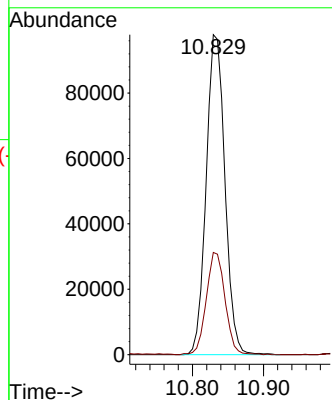
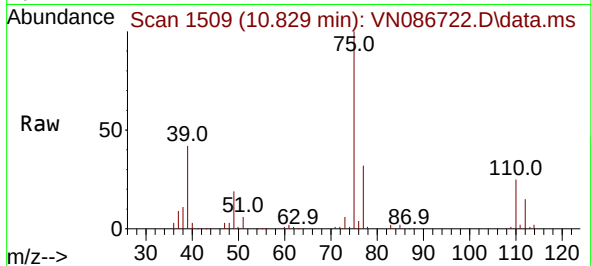




#53
t-1,3-Dichloropropene
Concen: 54.103 ug/l
RT: 10.829 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086722.D
Acq: 21 May 2025 11:10

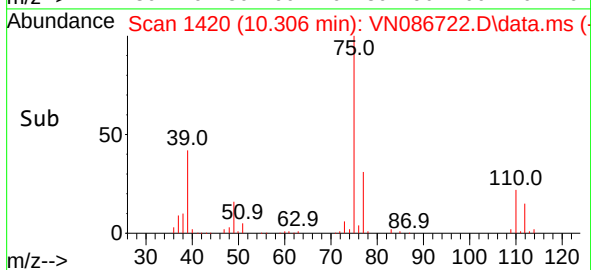
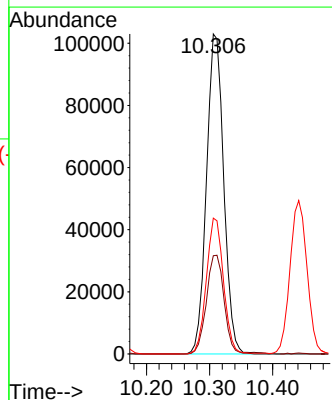
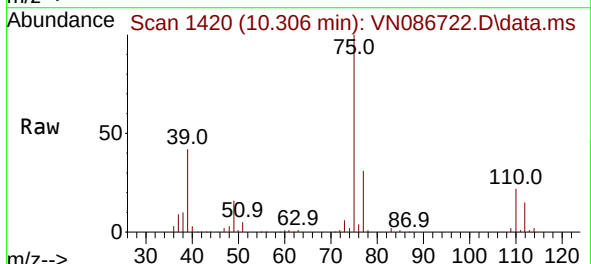
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

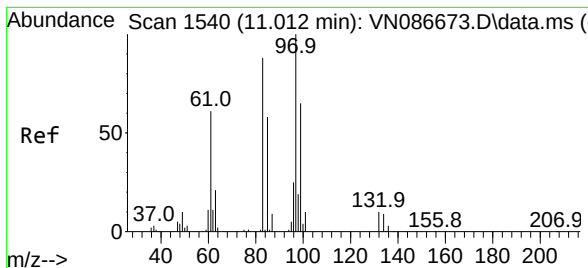
Tgt Ion: 75 Resp: 179673
Ion Ratio Lower Upper
75 100
77 31.9 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 53.933 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.006 min
Lab File: VN086722.D
Acq: 21 May 2025 11:10

Tgt Ion: 75 Resp: 195518
Ion Ratio Lower Upper
75 100
77 30.7 25.3 37.9
39 42.4 35.2 52.8

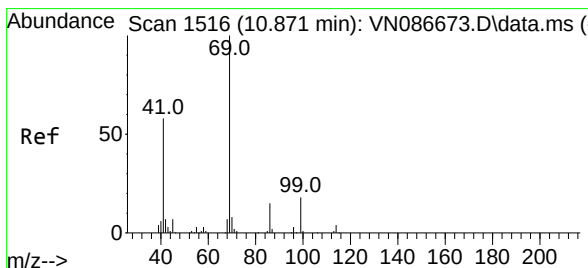
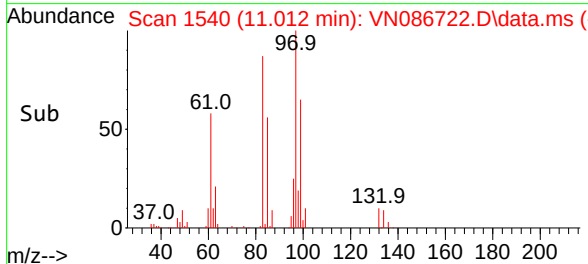
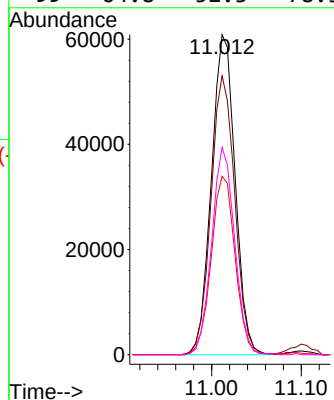
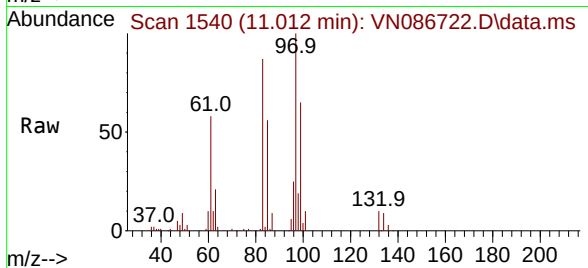




#55
1,1,2-Trichloroethane
Concen: 50.737 ug/l
RT: 11.012 min Scan# 111715
Delta R.T. -0.000 min
Lab File: VN086722.D
Acq: 21 May 2025 11:10

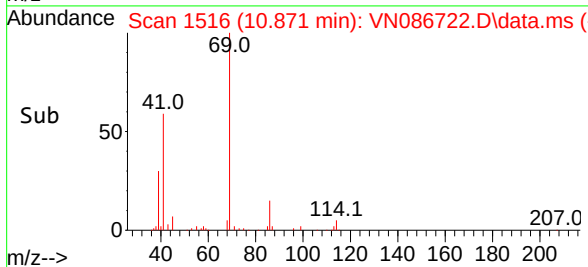
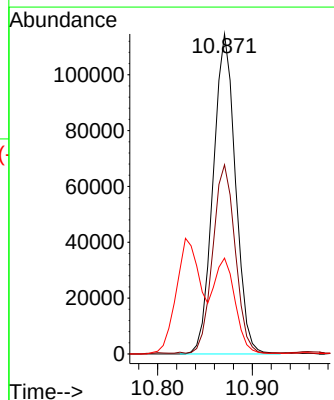
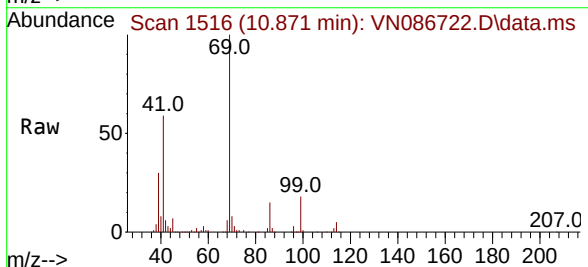
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

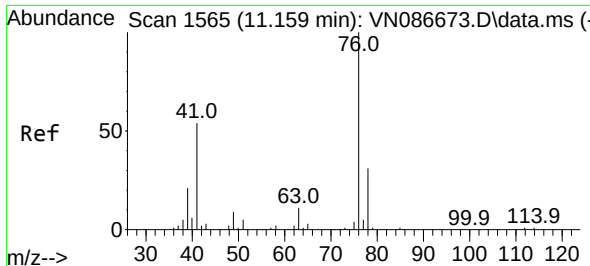
Tgt Ion:	97	Resp:	111715
Ion	Ratio	Lower	Upper
97	100		
83	87.2	70.4	105.6
85	55.7	46.1	69.1
99	64.8	52.3	78.5



#56
Ethyl methacrylate
Concen: 53.047 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086722.D
Acq: 21 May 2025 11:10

Tgt Ion:	69	Resp:	187535
Ion	Ratio	Lower	Upper
69	100		
41	59.1	47.4	71.0
39	28.0	24.0	36.0





#57

1,3-Dichloropropane

Concen: 51.768 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. -0.000 min

Lab File: VN086722.D

Acq: 21 May 2025 11:10

Instrument :

MSVOA_N

ClientSampleId :

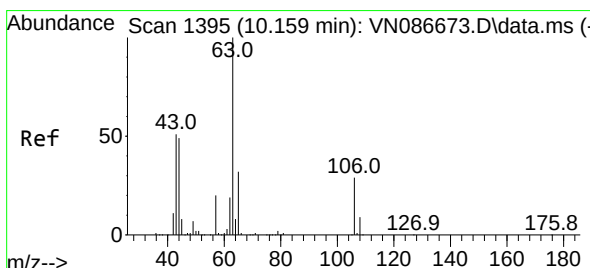
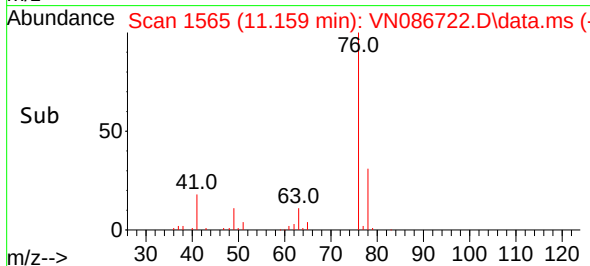
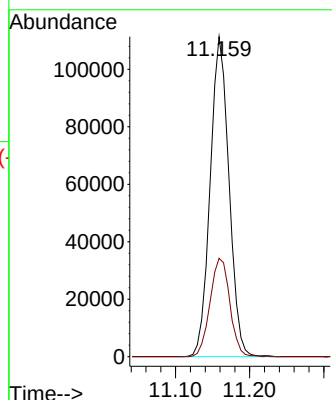
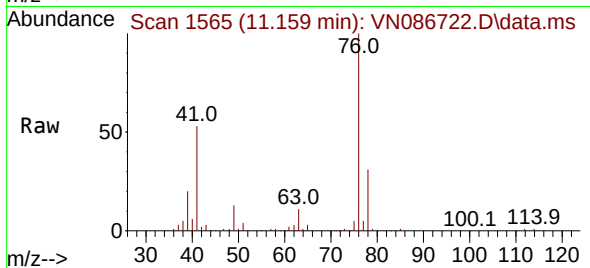
VSTDCCC050

Tgt Ion: 76 Resp: 196369

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 264.980 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN086722.D

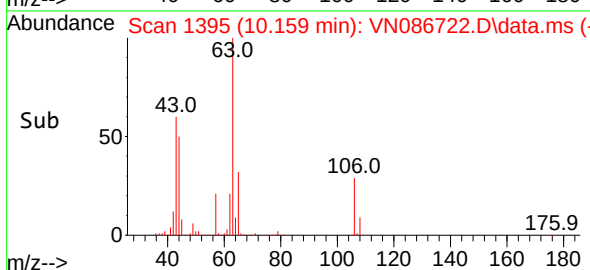
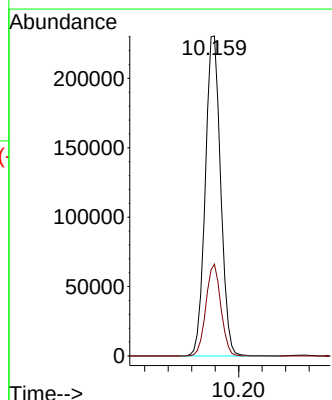
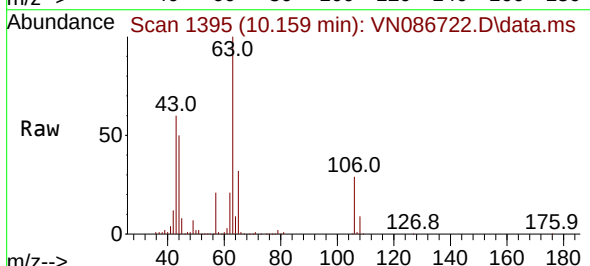
Acq: 21 May 2025 11:10

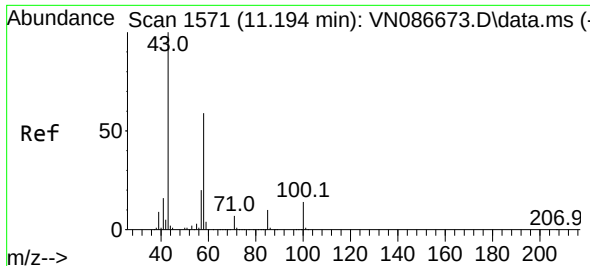
Tgt Ion: 63 Resp: 418673

Ion Ratio Lower Upper

63 100

106 27.9 23.1 34.7

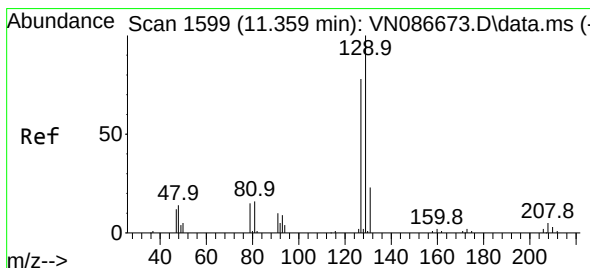
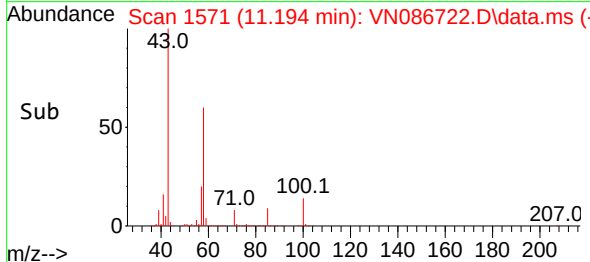
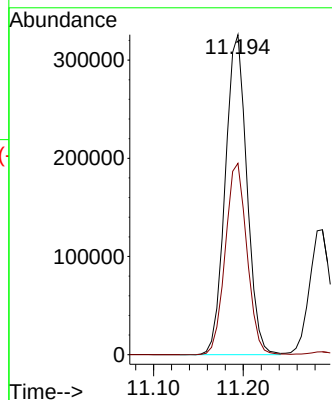
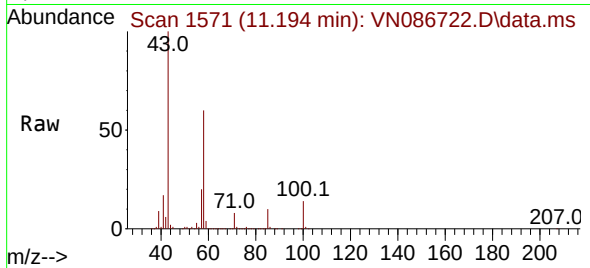




#59
2-Hexanone
Concen: 251.092 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086722.D
Acq: 21 May 2025 11:10

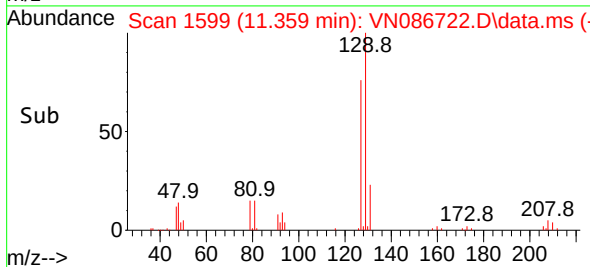
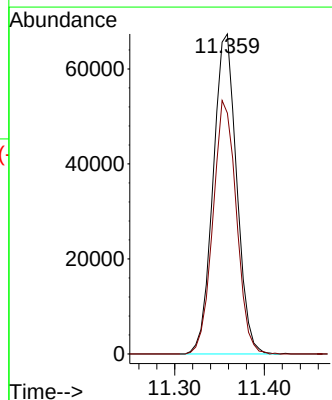
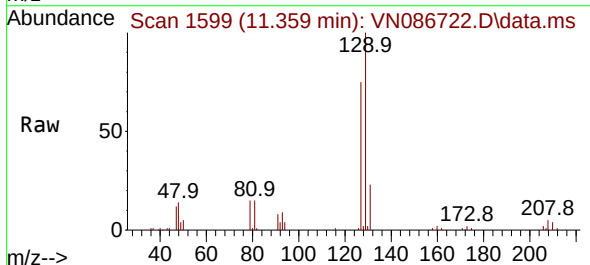
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

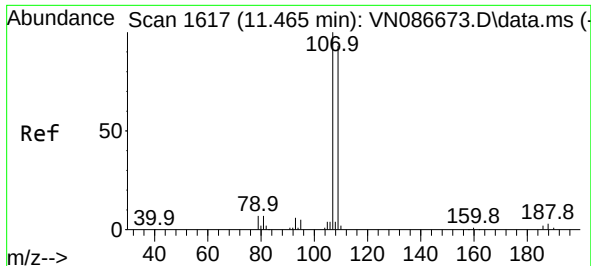
Tgt Ion: 43 Resp: 545131
Ion Ratio Lower Upper
43 100
58 59.9 29.8 89.5



#60
Dibromochloromethane
Concen: 53.161 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086722.D
Acq: 21 May 2025 11:10

Tgt Ion:129 Resp: 122673
Ion Ratio Lower Upper
129 100
127 78.8 39.5 118.3

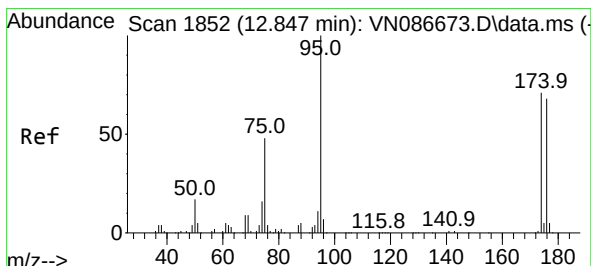
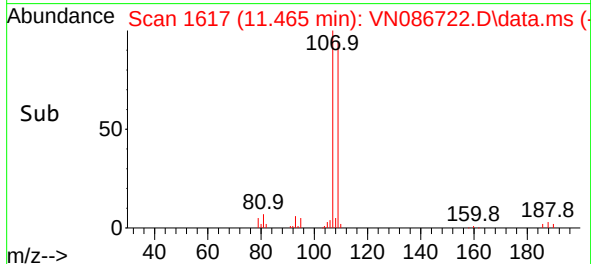
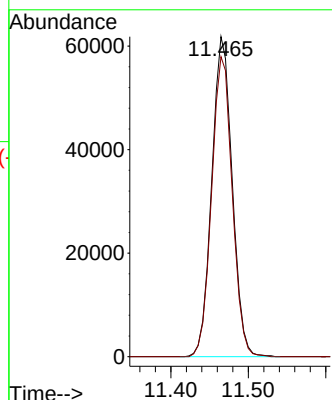
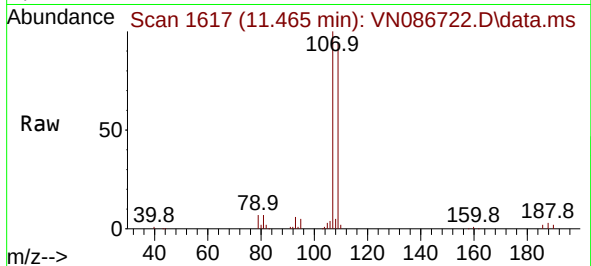




#61
1,2-Dibromoethane
Concen: 51.179 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086722.D
Acq: 21 May 2025 11:10

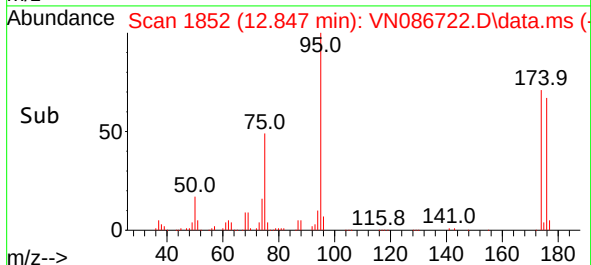
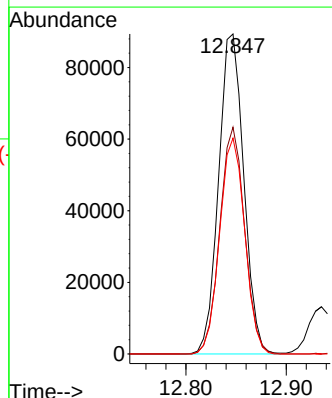
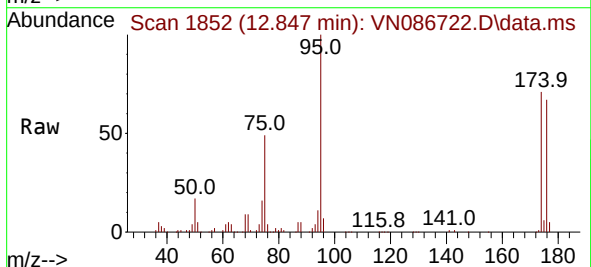
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

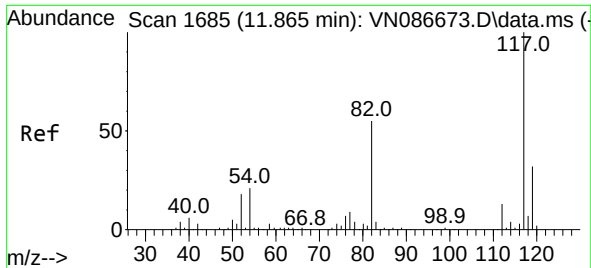
Tgt Ion:107 Resp: 113240
Ion Ratio Lower Upper
107 100
109 94.3 75.0 112.4



#62
4-Bromofluorobenzene
Concen: 53.877 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086722.D
Acq: 21 May 2025 11:10

Tgt Ion: 95 Resp: 155596
Ion Ratio Lower Upper
95 100
174 69.8 0.0 145.4
176 67.3 0.0 137.8

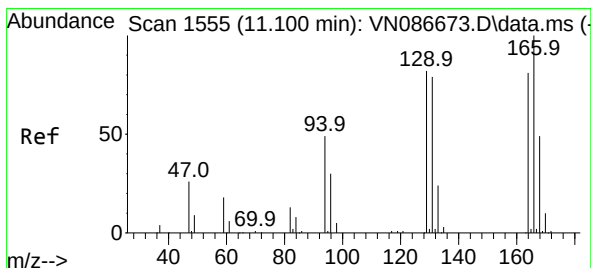
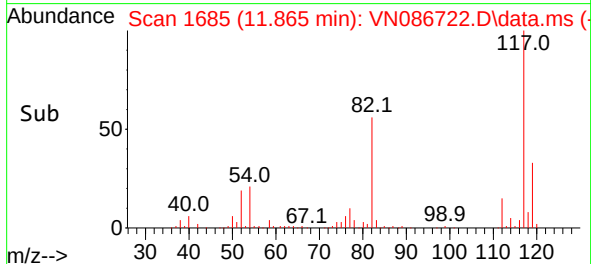
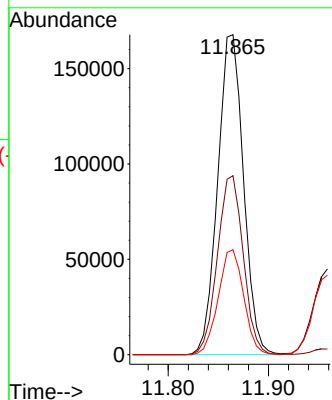
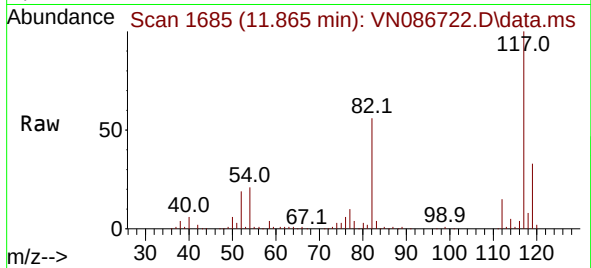




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086722.D
Acq: 21 May 2025 11:10

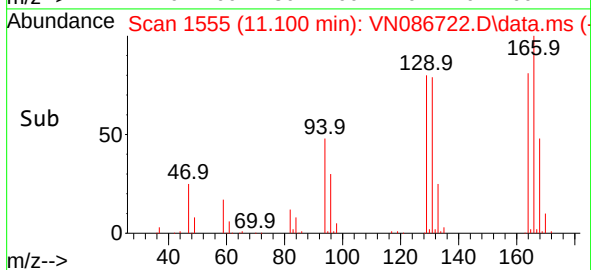
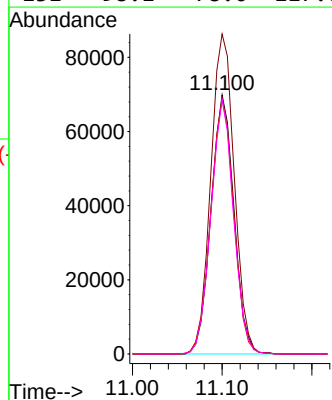
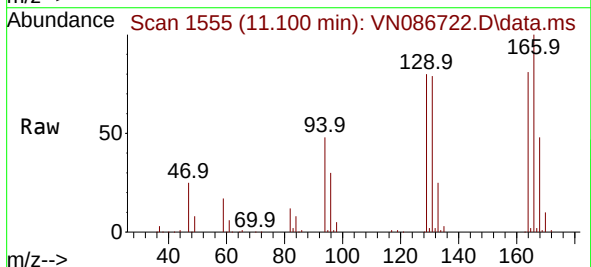
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

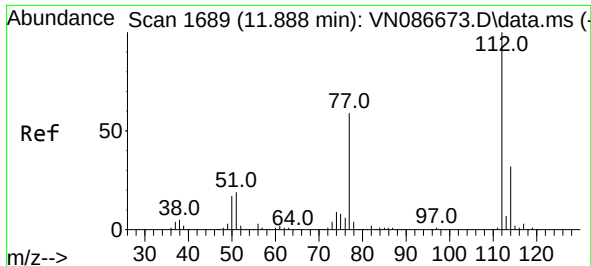
Tgt Ion:117 Resp: 299657
Ion Ratio Lower Upper
117 100
82 56.0 44.2 66.2
119 32.8 25.4 38.2



#64
Tetrachloroethene
Concen: 54.103 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086722.D
Acq: 21 May 2025 11:10

Tgt Ion:164 Resp: 124195
Ion Ratio Lower Upper
164 100
166 123.5 98.2 147.4
129 98.4 81.0 121.4
131 98.1 78.0 117.0

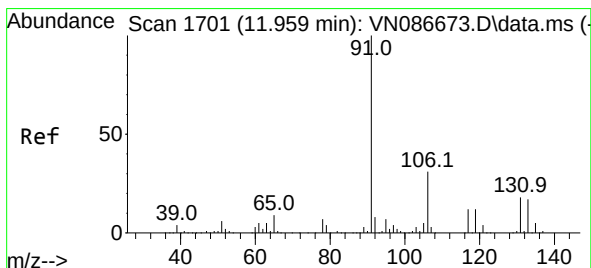
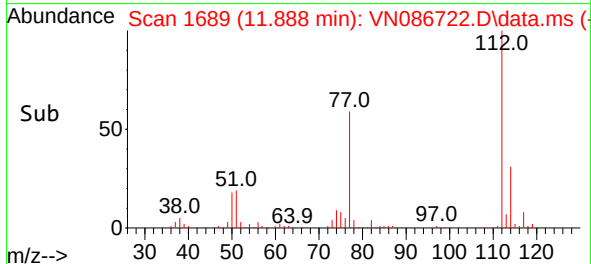
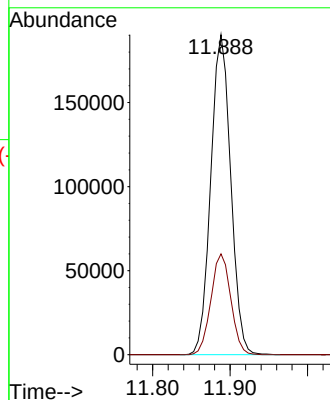
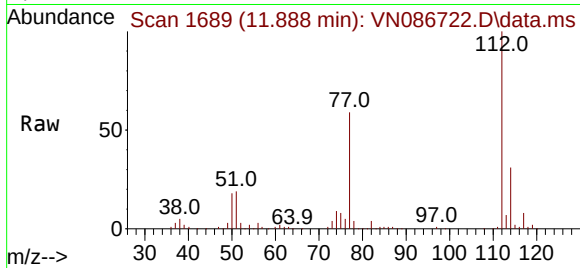




#65
Chlorobenzene
Concen: 51.963 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN086722.D
Acq: 21 May 2025 11:10

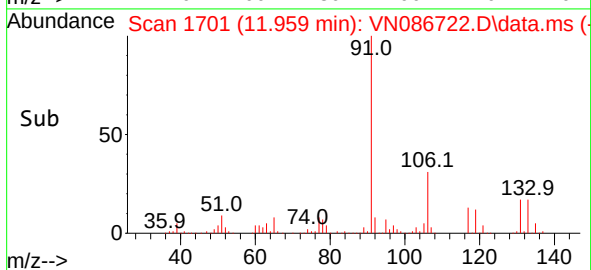
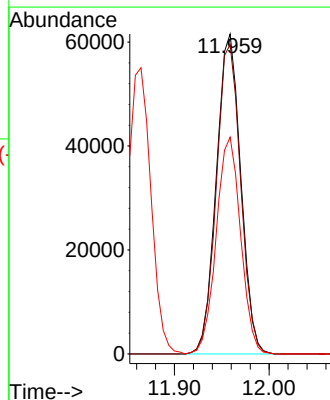
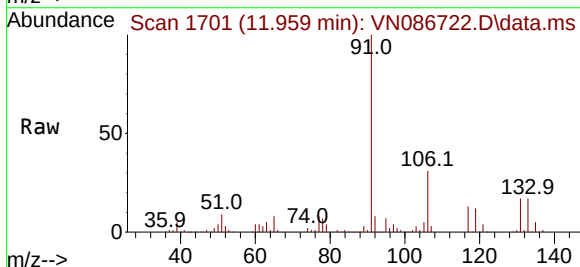
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

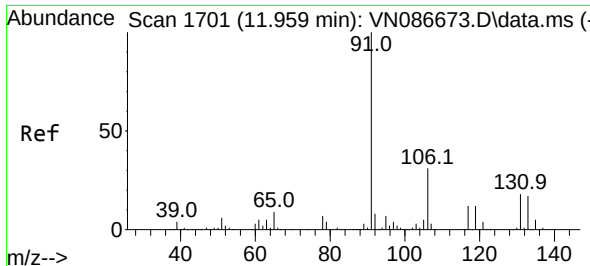
Tgt Ion:112 Resp: 341449
Ion Ratio Lower Upper
112 100
114 31.5 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 52.007 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086722.D
Acq: 21 May 2025 11:10

Tgt Ion:131 Resp: 110321
Ion Ratio Lower Upper
131 100
133 96.4 47.9 143.7
119 67.7 33.6 100.8

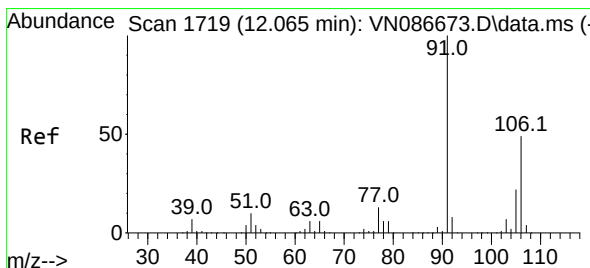
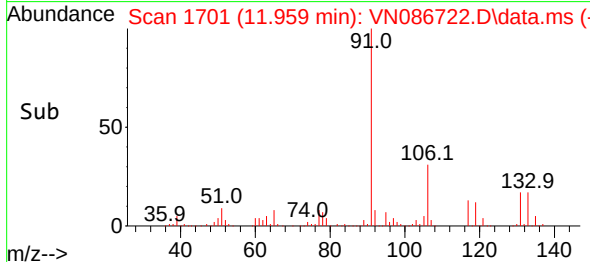
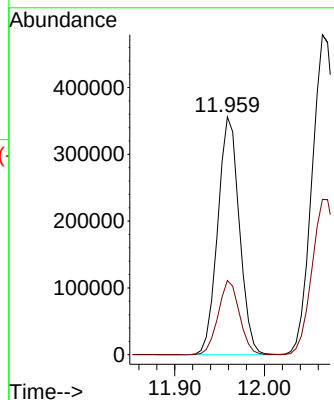
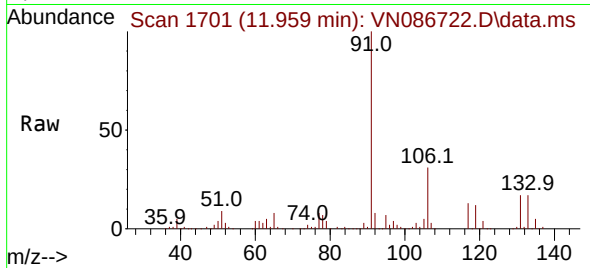




#67
Ethyl Benzene
Concen: 52.840 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086722.D
Acq: 21 May 2025 11:10

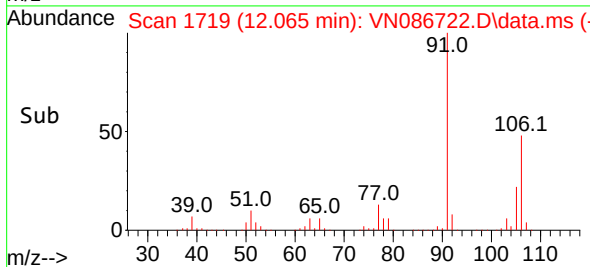
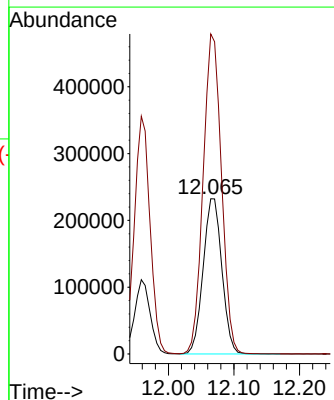
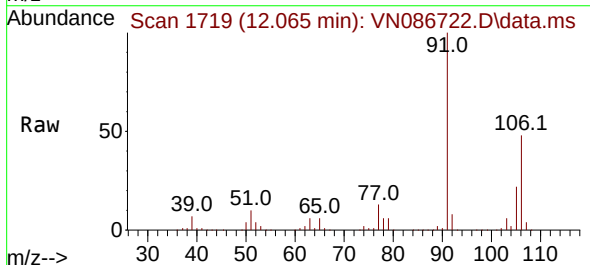
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

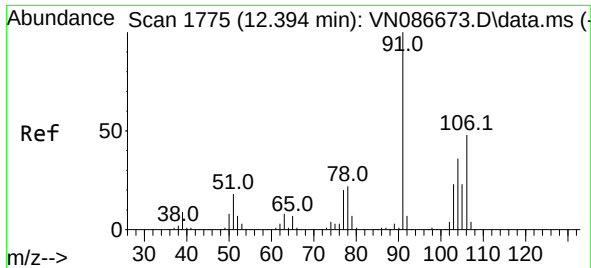
Tgt Ion: 91 Resp: 594704
Ion Ratio Lower Upper
91 100
106 31.2 24.6 36.8



#68
m/p-Xylenes
Concen: 108.385 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086722.D
Acq: 21 May 2025 11:10

Tgt Ion:106 Resp: 462041
Ion Ratio Lower Upper
106 100
91 201.8 162.4 243.6

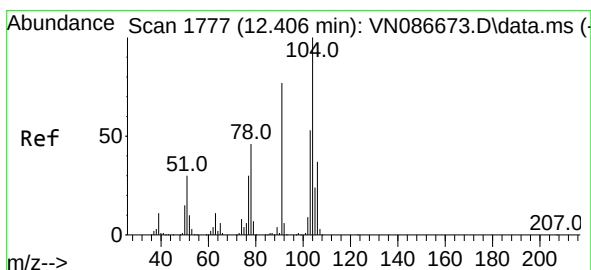
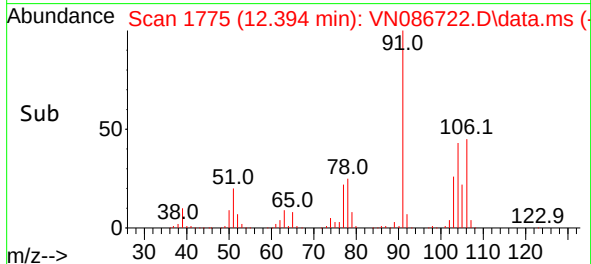
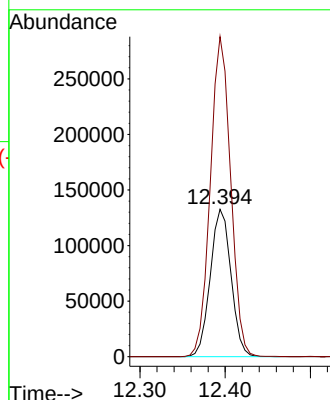
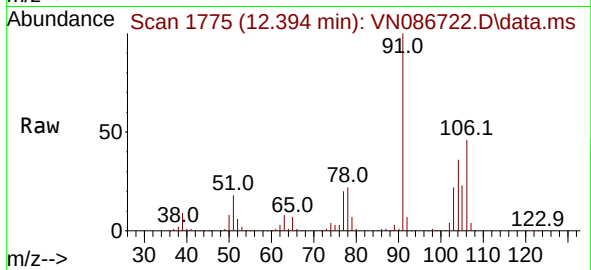




#69
o-Xylene
Concen: 52.969 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086722.D
Acq: 21 May 2025 11:10

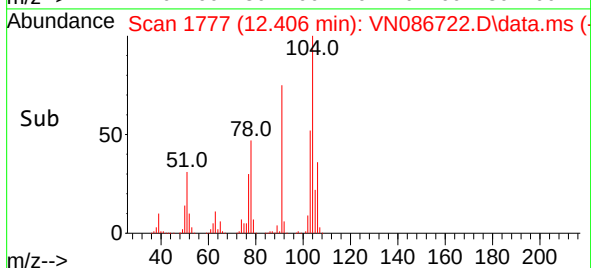
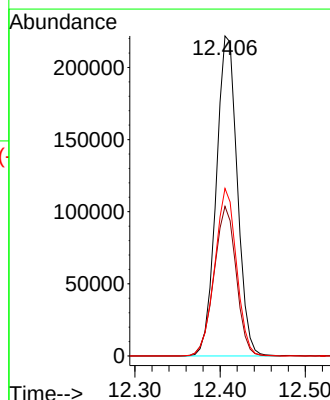
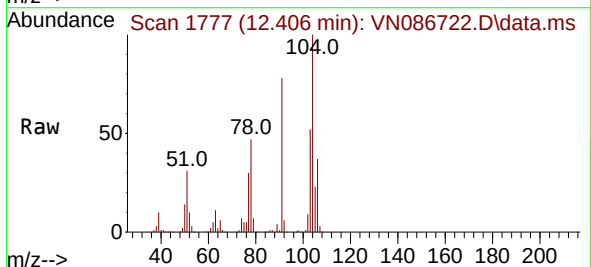
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

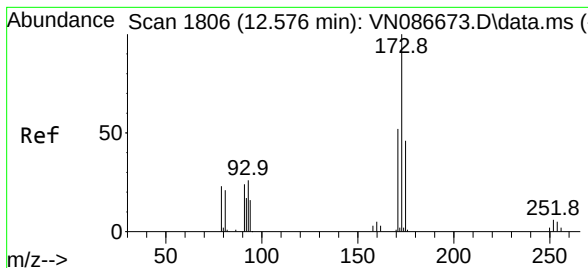
Tgt Ion:106 Resp: 224490
Ion Ratio Lower Upper
106 100
91 213.4 105.1 315.1



#70
Styrene
Concen: 54.925 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086722.D
Acq: 21 May 2025 11:10

Tgt Ion:104 Resp: 381112
Ion Ratio Lower Upper
104 100
78 49.0 39.0 58.6
103 54.2 43.8 65.8





#71

Bromoform

Concen: 52.479 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN086722.D

Acq: 21 May 2025 11:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

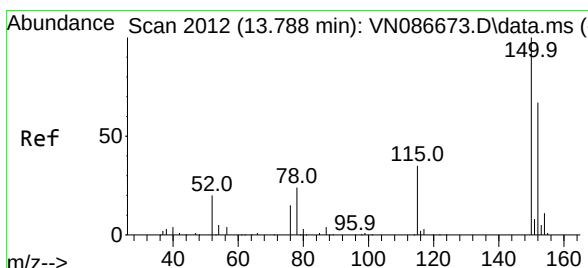
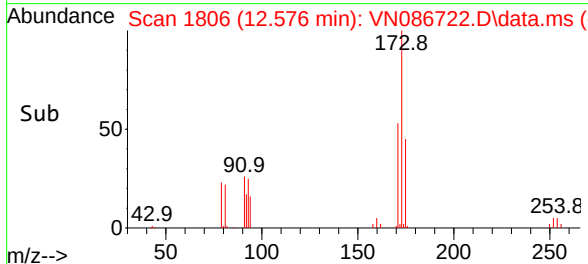
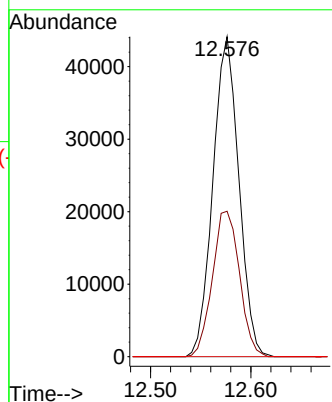
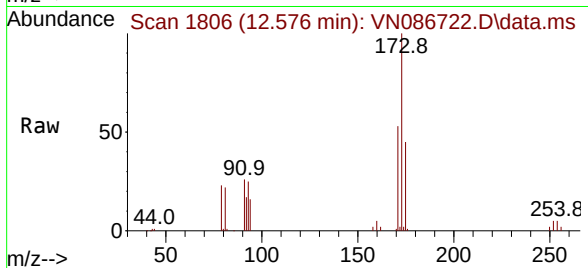
Tgt Ion:173 Resp: 79171

Ion Ratio Lower Upper

173 100

175 47.6 23.4 70.2

254 0.0 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: VN086722.D

Acq: 21 May 2025 11:10

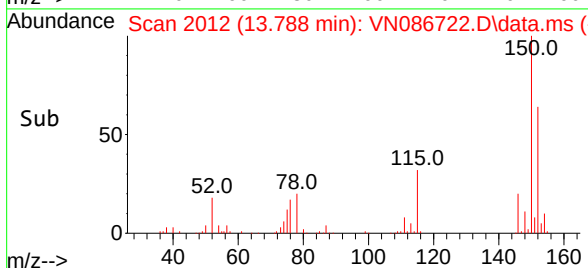
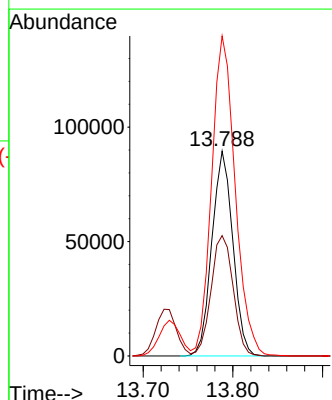
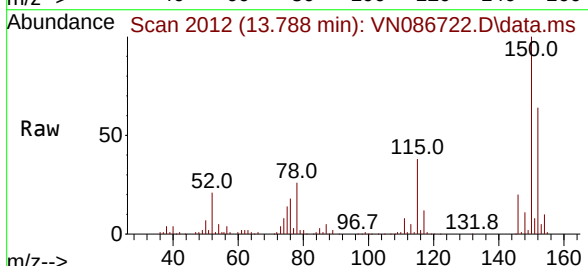
Tgt Ion:152 Resp: 144979

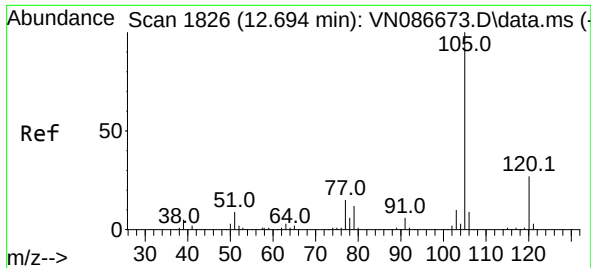
Ion Ratio Lower Upper

152 100

115 62.0 30.0 90.1

150 175.7 0.0 347.8

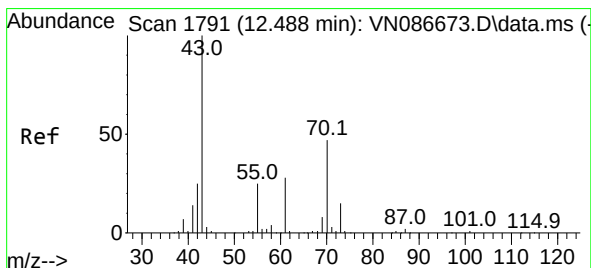
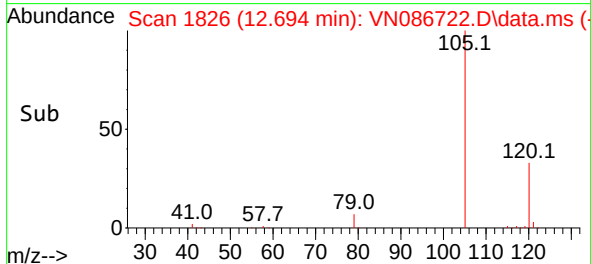
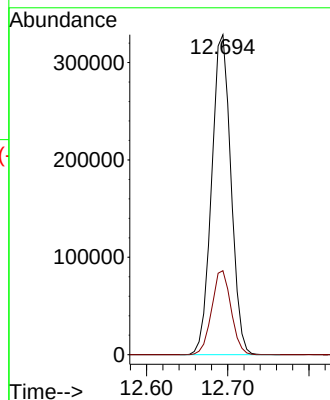
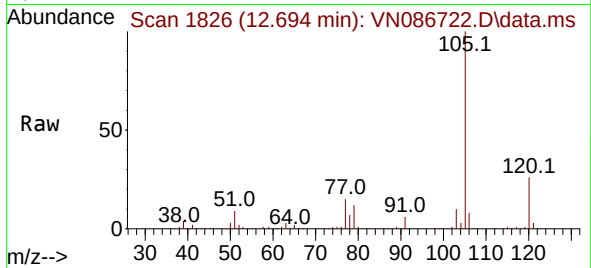




#73
Isopropylbenzene
Concen: 48.435 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086722.D
Acq: 21 May 2025 11:10

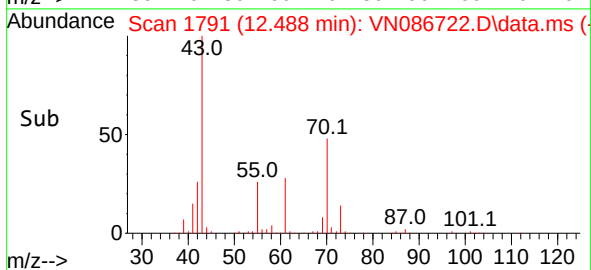
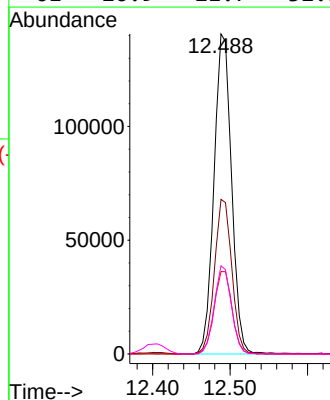
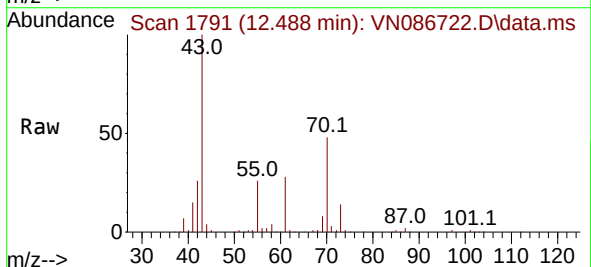
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

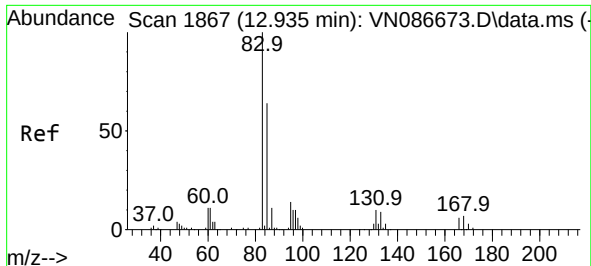
Tgt Ion:105 Resp: 542341
Ion Ratio Lower Upper
105 100
120 26.3 13.4 40.1



#74
N-ethyl acetate
Concen: 47.257 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VN086722.D
Acq: 21 May 2025 11:10

Tgt Ion: 43 Resp: 221086
Ion Ratio Lower Upper
43 100
70 47.8 37.9 56.9
55 26.3 20.5 30.7
61 26.9 21.7 32.5

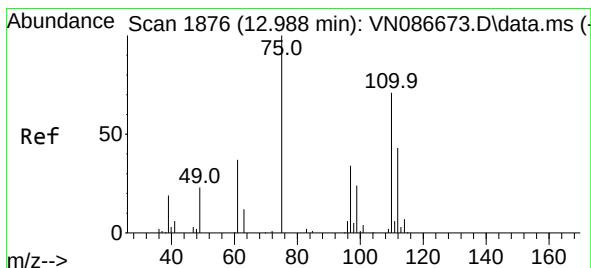
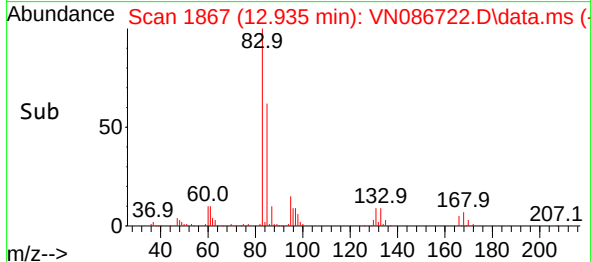
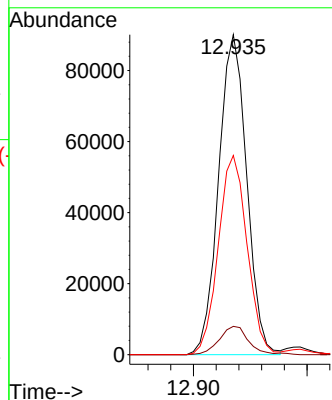
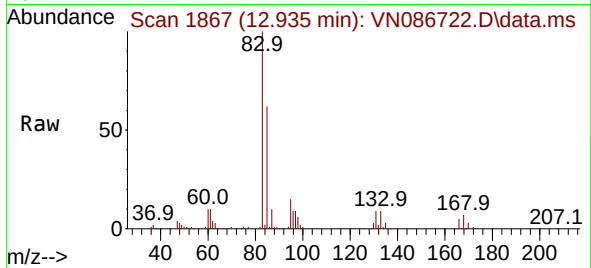




#75
1,1,2-Tetrachloroethane
Concen: 44.987 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086722.D
Acq: 21 May 2025 11:10

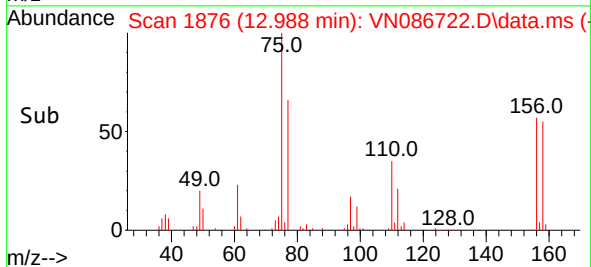
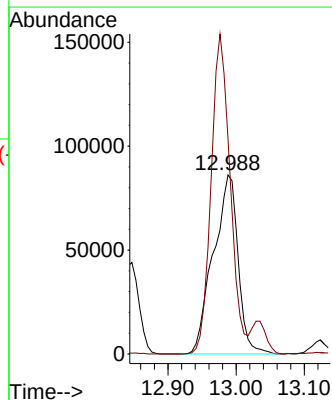
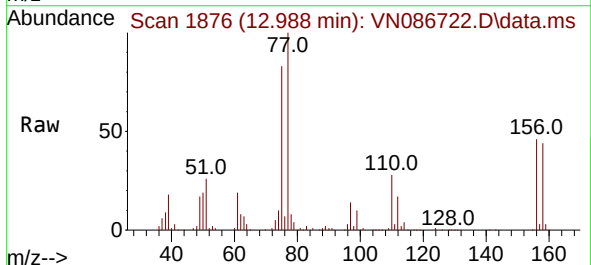
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

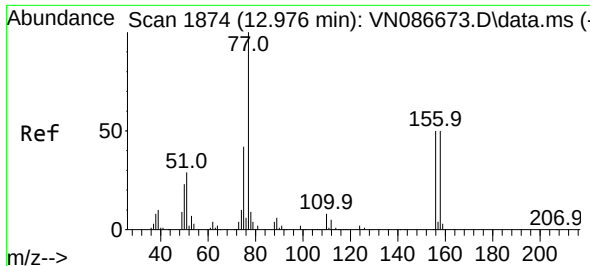
Tgt Ion: 83 Resp: 154756
Ion Ratio Lower Upper
83 100
131 9.3 5.0 15.0
85 63.8 32.4 97.2



#76
1,2,3-Trichloropropane
Concen: 66.364 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN086722.D
Acq: 21 May 2025 11:10

Tgt Ion: 75 Resp: 217595
Ion Ratio Lower Upper
75 100
77 138.0 96.0 288.1

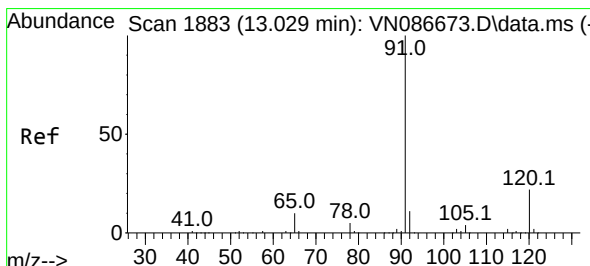
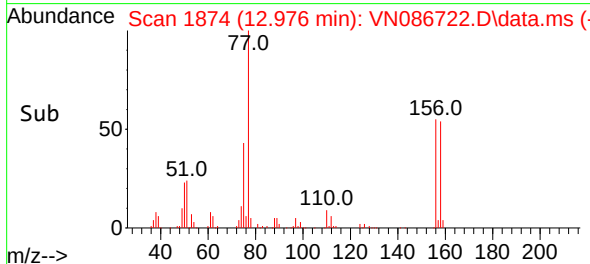
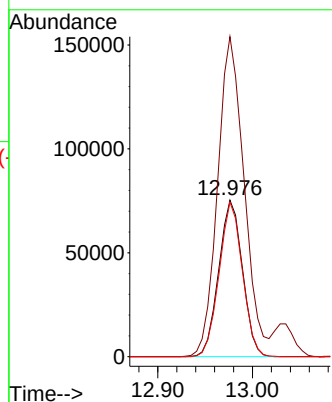
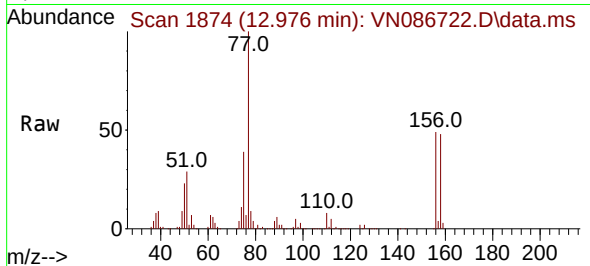




#77
Bromobenzene
Concen: 46.577 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086722.D
Acq: 21 May 2025 11:10

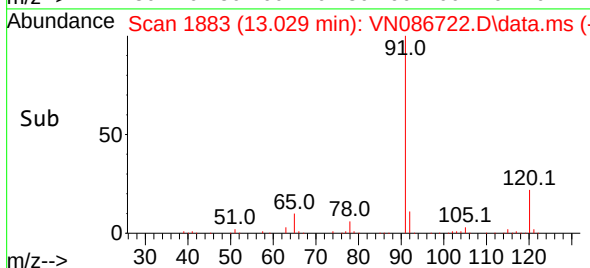
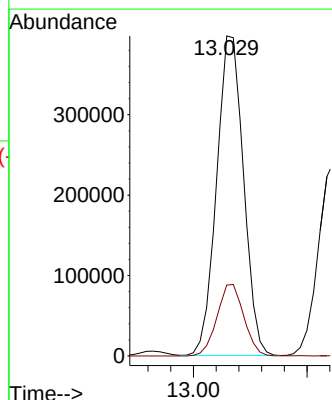
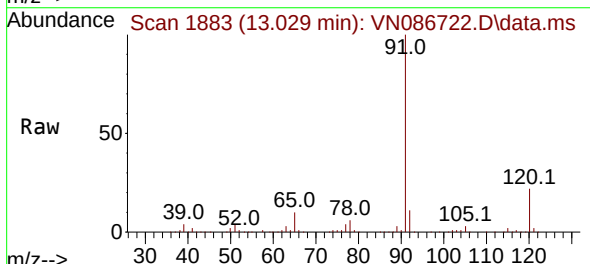
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

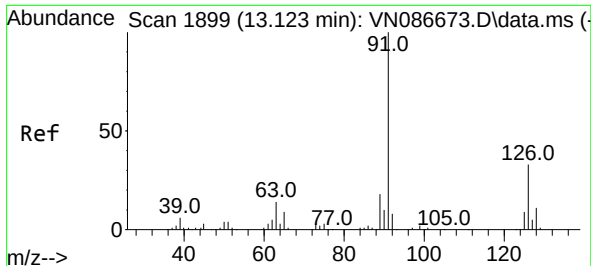
Tgt Ion:156 Resp: 131191
Ion Ratio Lower Upper
156 100
77 228.8 113.1 339.2
158 96.6 48.6 145.9



#78
n-propylbenzene
Concen: 50.935 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN086722.D
Acq: 21 May 2025 11:10

Tgt Ion: 91 Resp: 654516
Ion Ratio Lower Upper
91 100
120 22.3 11.4 34.1

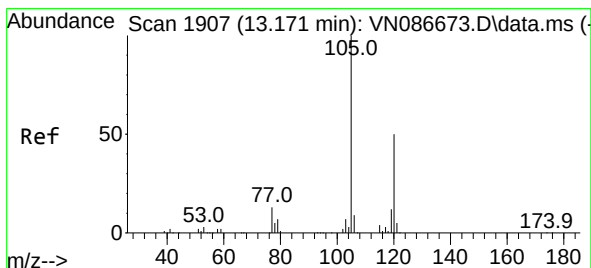
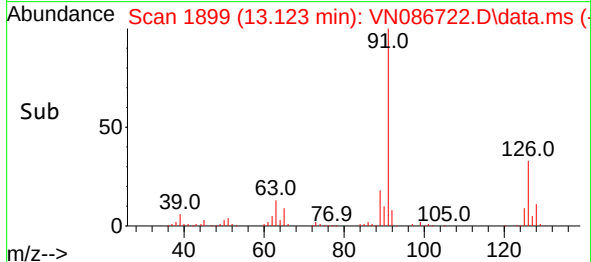
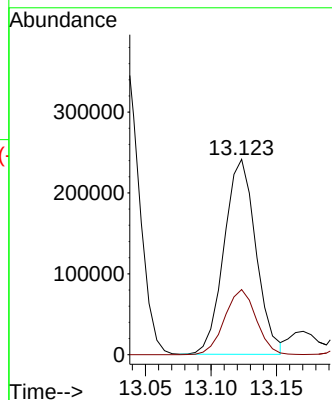
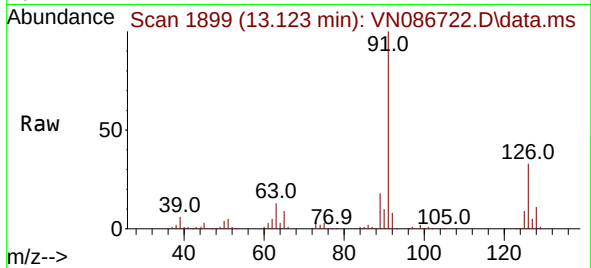




#79
2-Chlorotoluene
Concen: 48.878 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086722.D
Acq: 21 May 2025 11:10

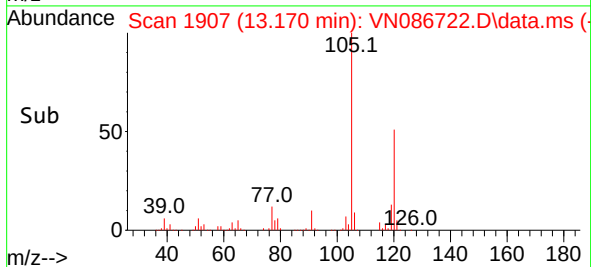
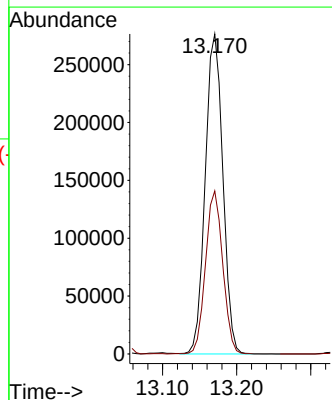
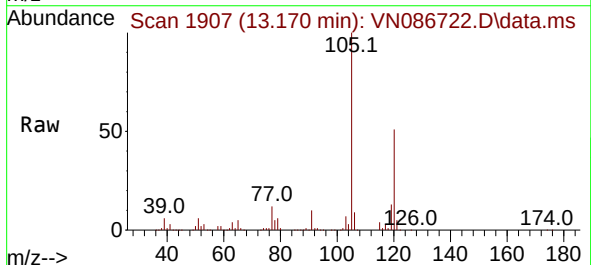
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

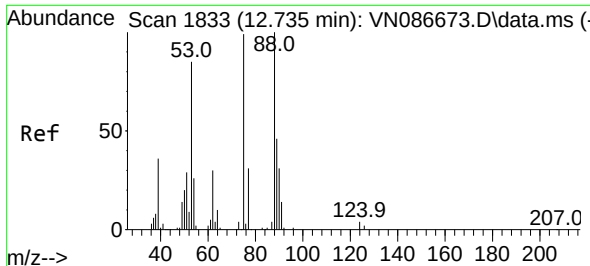
Tgt Ion: 91 Resp: 408385
Ion Ratio Lower Upper
91 100
126 33.0 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 50.915 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086722.D
Acq: 21 May 2025 11:10

Tgt Ion: 105 Resp: 456764
Ion Ratio Lower Upper
105 100
120 49.9 24.9 74.6

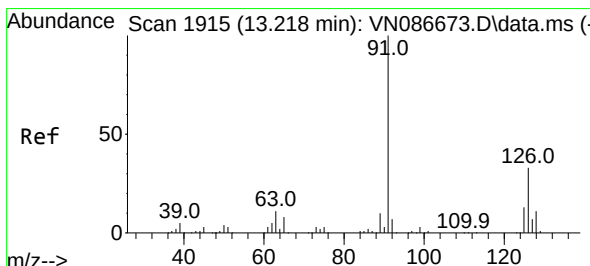
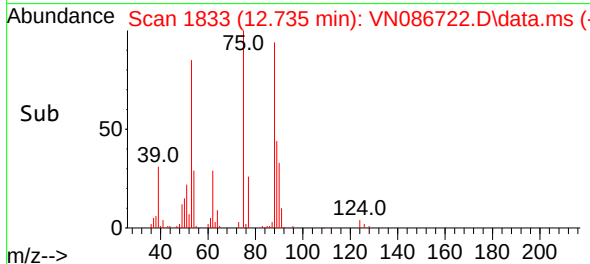
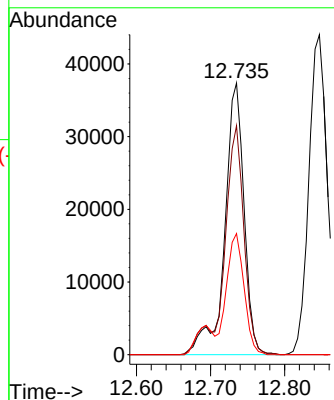
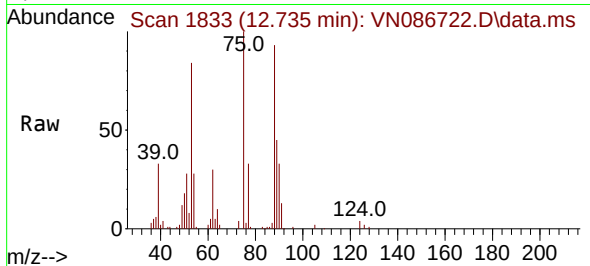




#81
trans-1,4-Dichloro-2-butene
Concen: 52.078 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086722.D
Acq: 21 May 2025 11:10

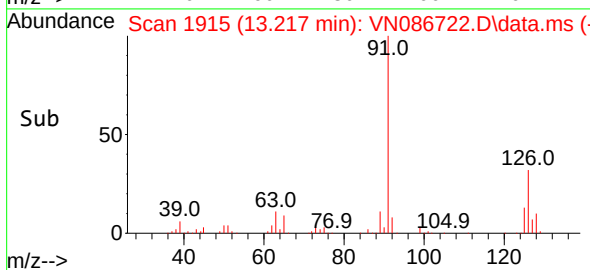
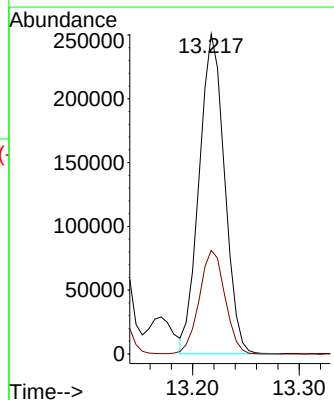
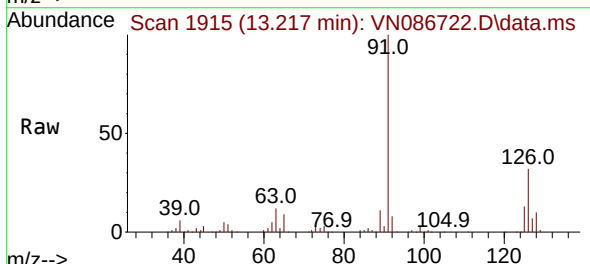
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

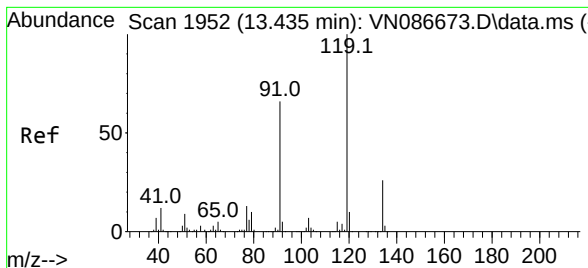
Tgt Ion: 75 Resp: 67662
Ion Ratio Lower Upper
75 100
53 78.4 70.4 105.6
89 40.9 32.4 48.6



#82
4-Chlorotoluene
Concen: 50.091 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086722.D
Acq: 21 May 2025 11:10

Tgt Ion: 91 Resp: 414638
Ion Ratio Lower Upper
91 100
126 32.8 17.0 50.9





#83

tert-Butylbenzene

Concen: 48.840 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VN086722.D

Acq: 21 May 2025 11:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

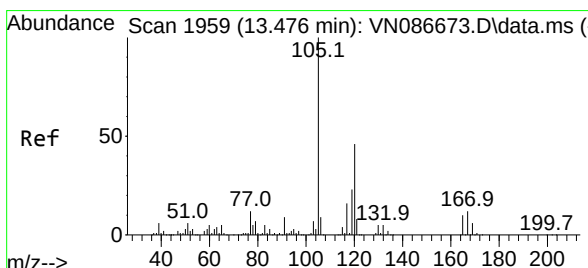
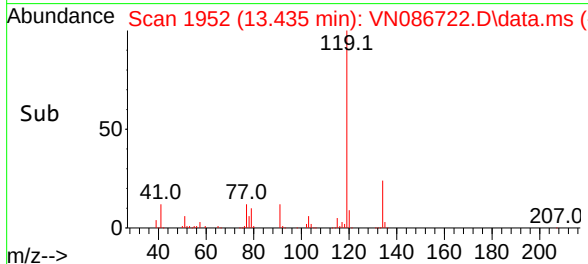
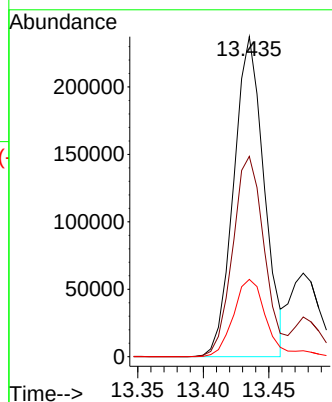
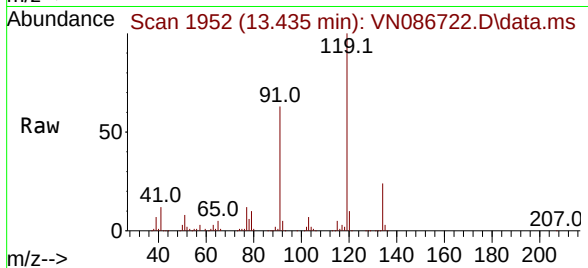
Tgt Ion:119 Resp: 382099

Ion Ratio Lower Upper

119 100

91 65.7 32.9 98.7

134 26.6 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 51.881 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. -0.000 min

Lab File: VN086722.D

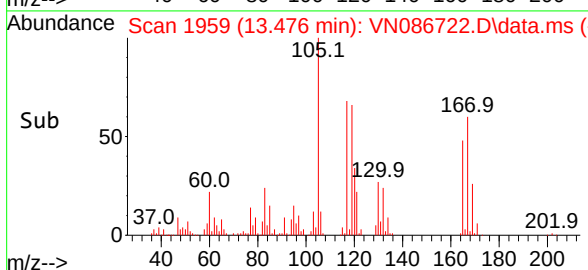
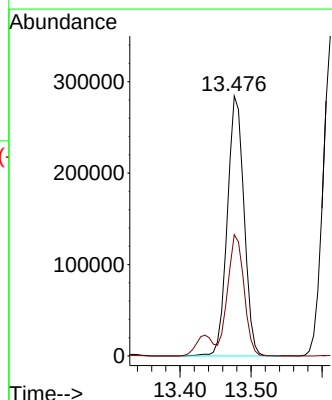
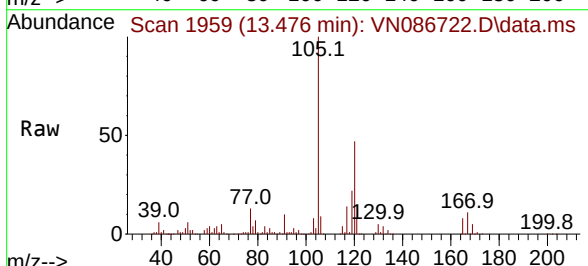
Acq: 21 May 2025 11:10

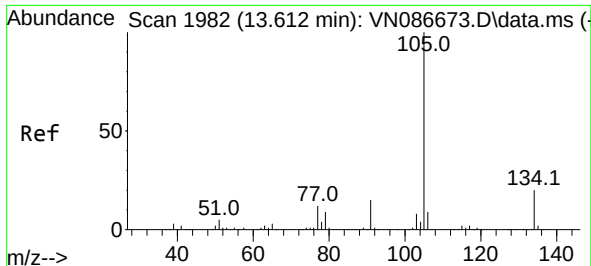
Tgt Ion:105 Resp: 463485

Ion Ratio Lower Upper

105 100

120 45.4 23.2 69.6

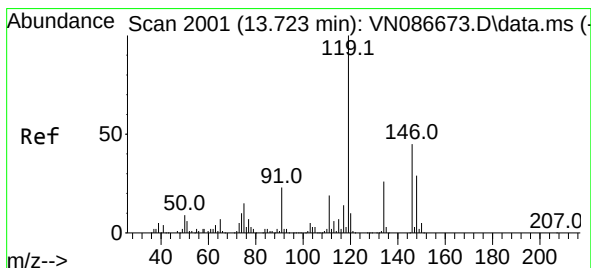
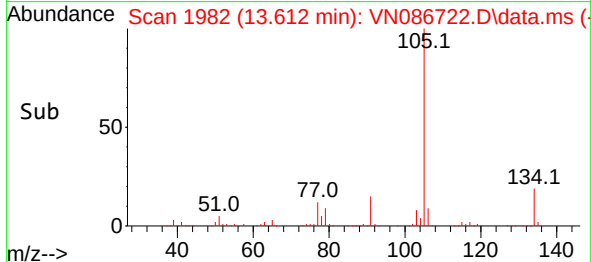
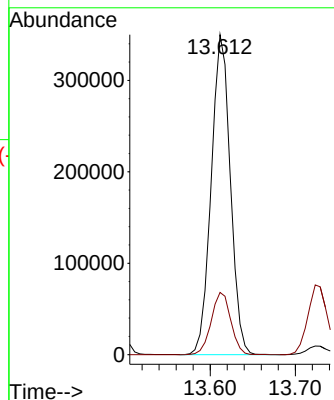
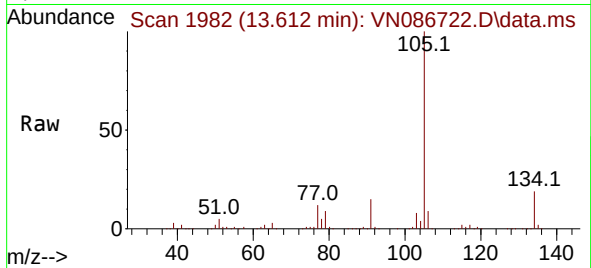




#85
 sec-Butylbenzene
 Concen: 52.121 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086722.D
 Acq: 21 May 2025 11:10

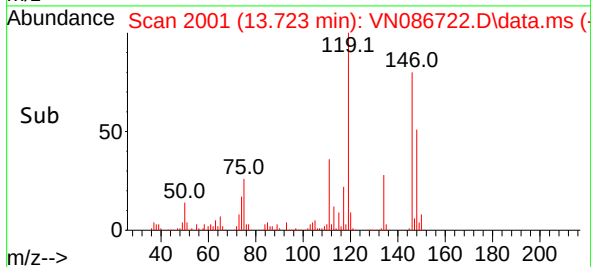
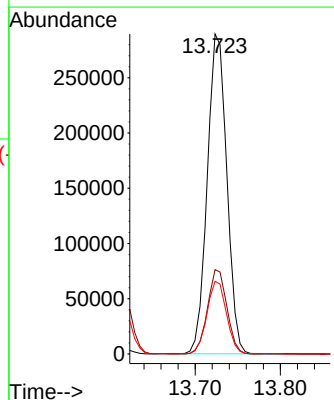
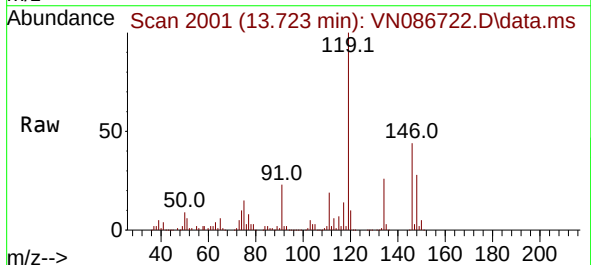
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

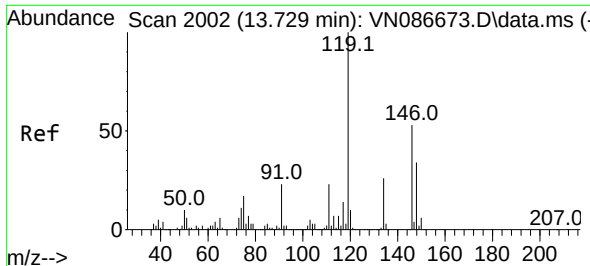
Tgt Ion:105 Resp: 546759
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 53.531 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086722.D
 Acq: 21 May 2025 11:10

Tgt Ion:119 Resp: 460296
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.1 39.1
 91 22.9 11.5 34.5

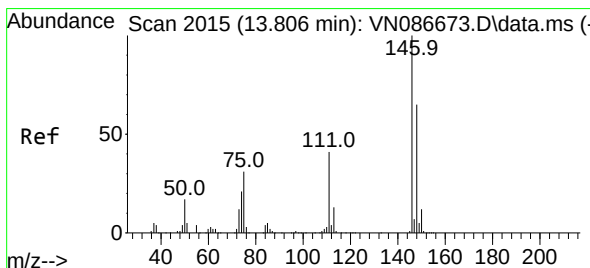
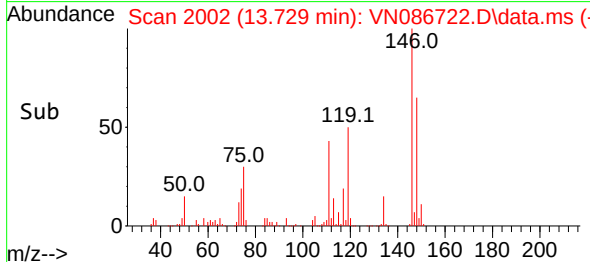
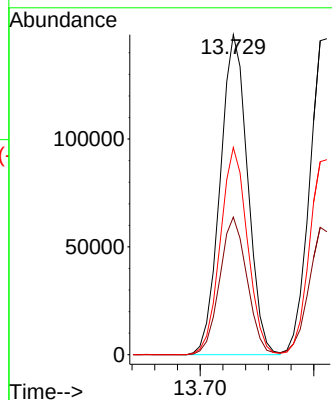
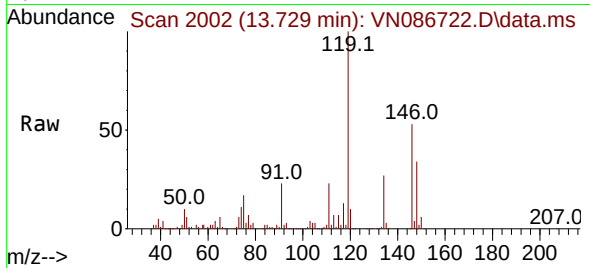




#87
 1,3-Dichlorobenzene
 Concen: 51.150 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086722.D
 Acq: 21 May 2025 11:10

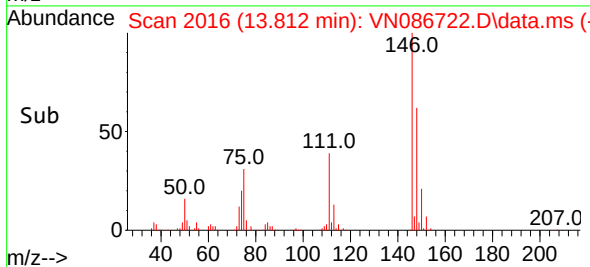
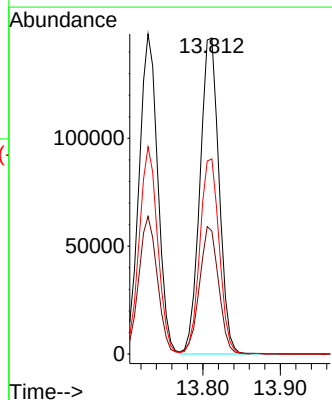
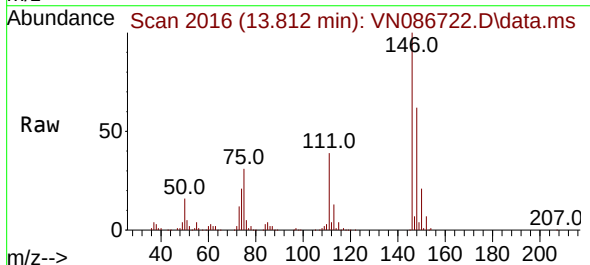
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

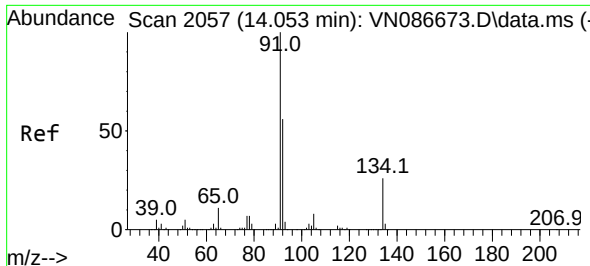
Tgt Ion:146 Resp: 249485
 Ion Ratio Lower Upper
 146 100
 111 42.7 20.9 62.7
 148 64.0 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 51.935 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.006 min
 Lab File: VN086722.D
 Acq: 21 May 2025 11:10

Tgt Ion:146 Resp: 250982
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.6 61.8
 148 62.6 32.0 96.0

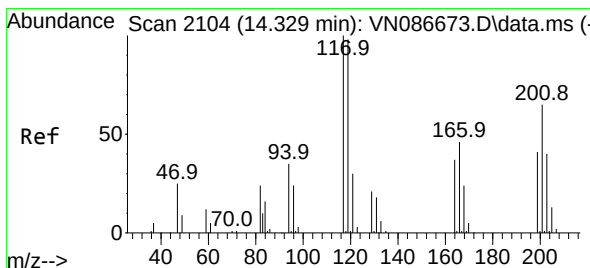
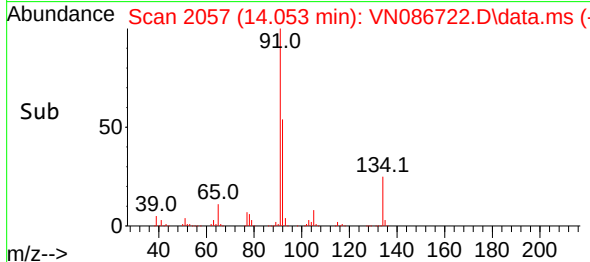
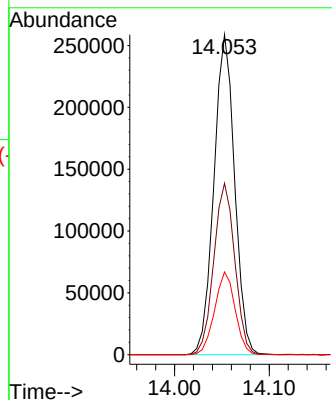
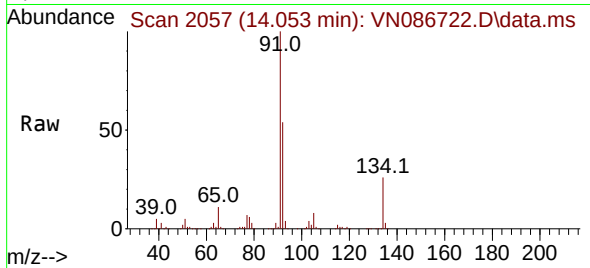




#89
n-Butylbenzene
Concen: 55.241 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086722.D
Acq: 21 May 2025 11:10

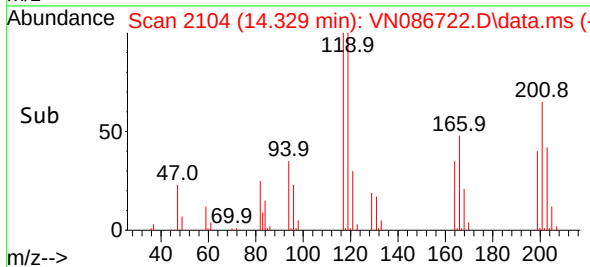
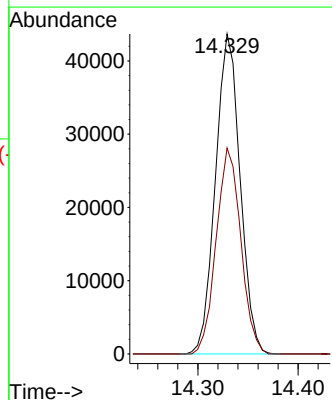
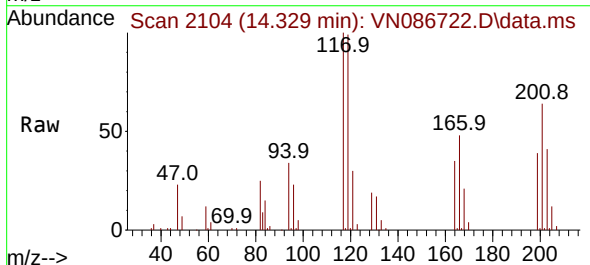
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

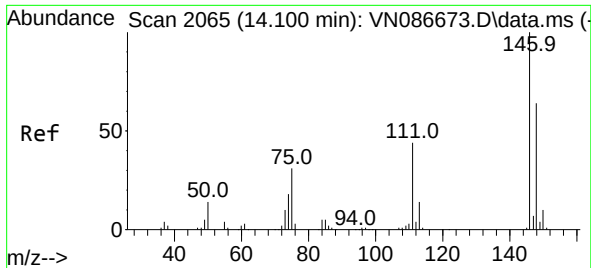
Tgt Ion: 91 Resp: 393778
Ion Ratio Lower Upper
91 100
92 54.3 27.4 82.0
134 25.6 12.8 38.4



#90
Hexachloroethane
Concen: 52.332 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086722.D
Acq: 21 May 2025 11:10

Tgt Ion: 117 Resp: 74662
Ion Ratio Lower Upper
117 100
201 64.2 32.0 96.0





#91

1,2-Dichlorobenzene

Concen: 51.284 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VN086722.D

Acq: 21 May 2025 11:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

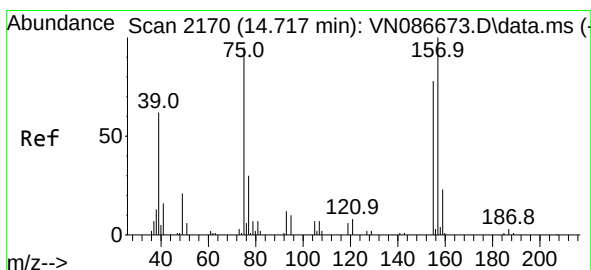
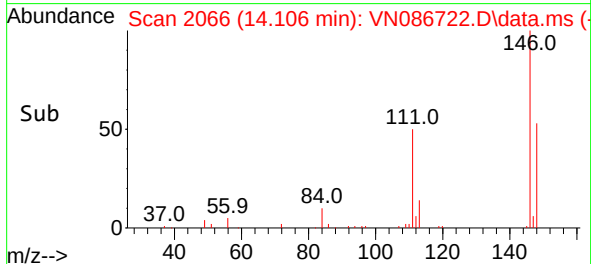
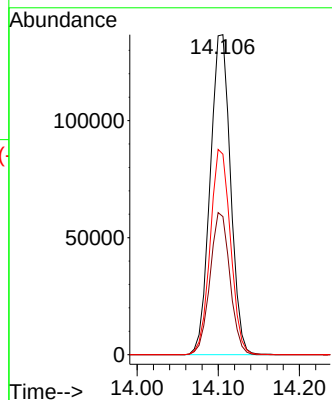
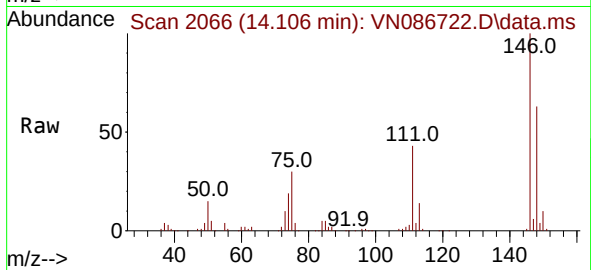
Tgt Ion:146 Resp: 237916

Ion Ratio Lower Upper

146 100

111 43.5 21.6 65.0

148 64.0 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.451 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.000 min

Lab File: VN086722.D

Acq: 21 May 2025 11:10

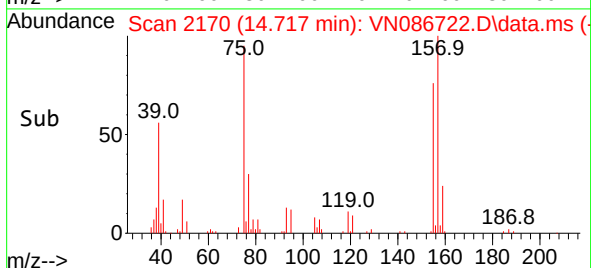
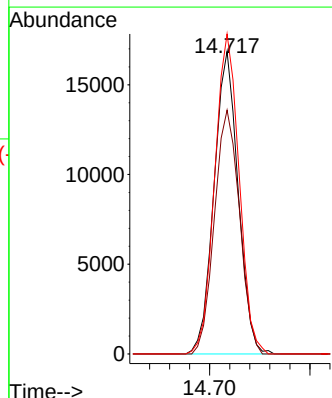
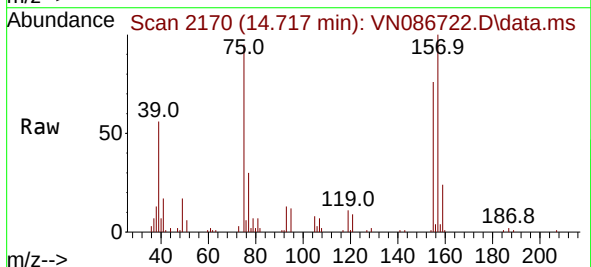
Tgt Ion: 75 Resp: 28181

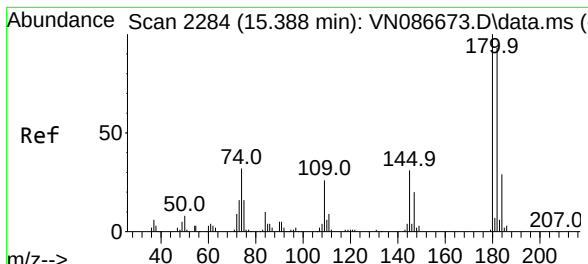
Ion Ratio Lower Upper

75 100

155 83.6 40.5 121.5

157 106.8 53.6 160.8

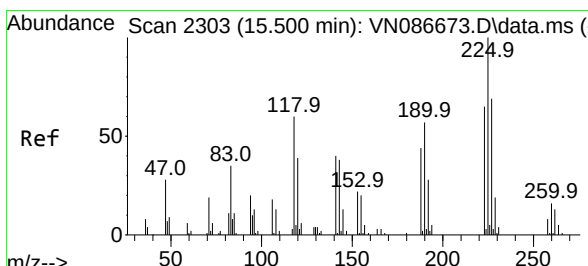
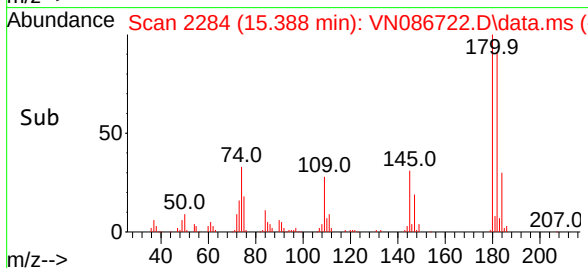
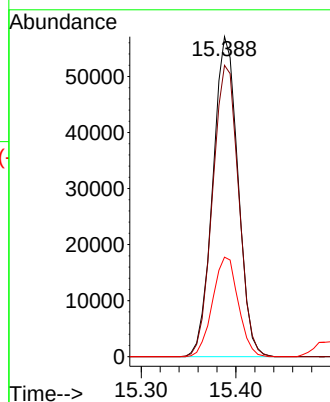
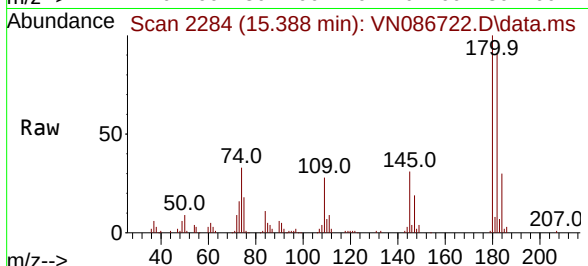




#93
 1,2,4-Trichlorobenzene
 Concen: 53.676 ug/l
 RT: 15.388 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN086722.D
 Acq: 21 May 2025 11:10

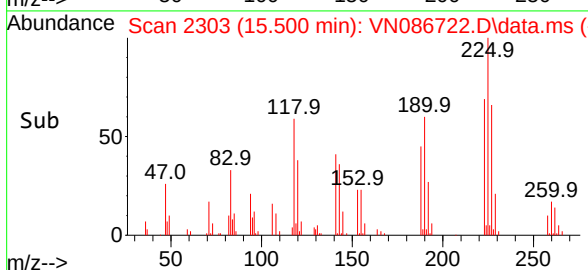
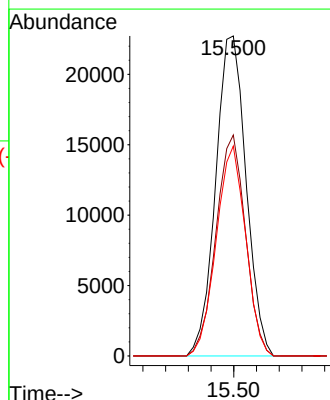
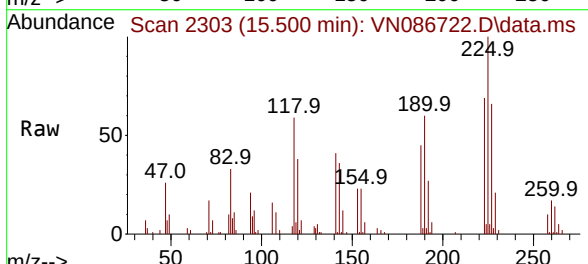
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

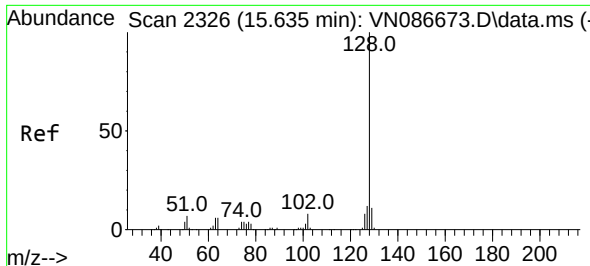
Tgt Ion:180 Resp: 105110
 Ion Ratio Lower Upper
 180 100
 182 94.2 47.1 141.3
 145 31.8 15.6 46.8



#94
 Hexachlorobutadiene
 Concen: 52.069 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. -0.000 min
 Lab File: VN086722.D
 Acq: 21 May 2025 11:10

Tgt Ion:225 Resp: 42304
 Ion Ratio Lower Upper
 225 100
 223 66.8 32.9 98.6
 227 63.4 32.4 97.2

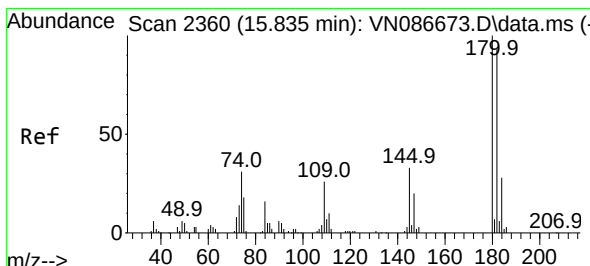
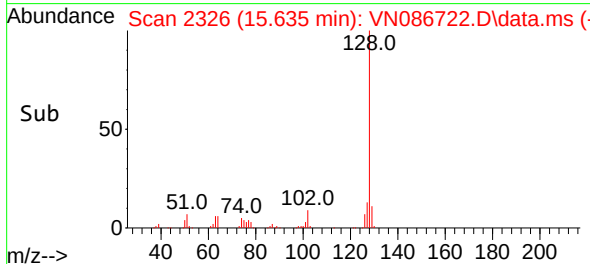
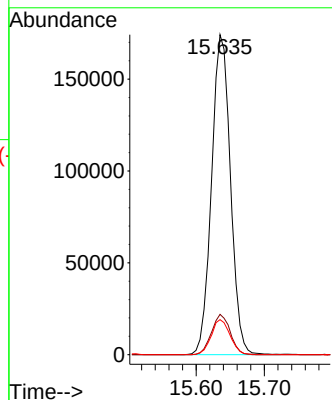
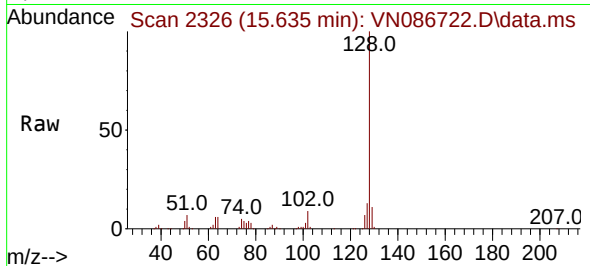




#95
Naphthalene
Concen: 49.483 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086722.D
Acq: 21 May 2025 11:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 336451
Ion Ratio Lower Upper
128 100
127 12.4 10.1 15.1
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 51.603 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086722.D
Acq: 21 May 2025 11:10

Tgt Ion:180 Resp: 98958
Ion Ratio Lower Upper
180 100
182 95.3 47.0 141.2
145 33.5 16.7 50.1

