

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052225\
 Data File : VN086750.D
 Acq On : 22 May 2025 08:21
 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 23 01:29:16 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	268645	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	454328	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	397309	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	188336	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	150631	40.577	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	81.160%
35) Dibromofluoromethane	8.165	113	130768	48.330	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.660%
50) Toluene-d8	10.565	98	539281	48.096	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.200%
62) 4-Bromofluorobenzene	12.847	95	192277	48.566	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.140%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	142100	48.980	ug/l	100
3) Chloromethane	2.359	50	177578	40.468	ug/l	98
4) Vinyl Chloride	2.512	62	171712	43.572	ug/l	98
5) Bromomethane	2.948	94	93279	41.058	ug/l	97
6) Chloroethane	3.118	64	107933	41.808	ug/l	96
7) Trichlorofluoromethane	3.495	101	220101	46.735	ug/l	97
8) Diethyl Ether	3.959	74	90022	46.270	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.365	101	139452	49.460	ug/l	97
10) Methyl Iodide	4.583	142	157580	44.931	ug/l	97
11) Tert butyl alcohol	5.512	59	136652	202.124	ug/l	100
12) 1,1-Dichloroethene	4.342	96	140374	46.848	ug/l	97
13) Acrolein	4.177	56	183518	253.918	ug/l	99
14) Allyl chloride	5.018	41	188967	41.666	ug/l	94
15) Acrylonitrile	5.712	53	355858	212.585	ug/l	100
16) Acetone	4.424	43	285763	205.792	ug/l	94
17) Carbon Disulfide	4.712	76	373189	44.984	ug/l	99
18) Methyl Acetate	5.018	43	147771	38.021	ug/l	95
19) Methyl tert-butyl Ether	5.789	73	465365	45.612	ug/l	99
20) Methylene Chloride	5.271	84	155642	42.475	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	146800	46.338	ug/l	95
22) Diisopropyl ether	6.665	45	434610	42.476	ug/l	96
23) Vinyl Acetate	6.594	43	1609963	209.360	ug/l	98
24) 1,1-Dichloroethane	6.565	63	259048	43.122	ug/l	98
25) 2-Butanone	7.477	43	439082	204.626	ug/l	95
26) 2,2-Dichloropropane	7.489	77	233544	47.109	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	176369	45.356	ug/l	97
28) Bromochloromethane	7.806	49	113388	41.544	ug/l	88
29) Tetrahydrofuran	7.836	42	284293	202.982	ug/l	95
30) Chloroform	7.959	83	261897	43.557	ug/l	100
31) Cyclohexane	8.253	56	227226	40.785	ug/l	92
32) 1,1,1-Trichloroethane	8.165	97	225797	44.540	ug/l	97
36) 1,1-Dichloropropene	8.371	75	193624	48.515	ug/l	99
37) Ethyl Acetate	7.553	43	170671	42.334	ug/l	98
38) Carbon Tetrachloride	8.359	117	194806	49.540	ug/l	99
39) Methylcyclohexane	9.594	83	220772	51.110	ug/l	97
40) Benzene	8.600	78	617321	47.415	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	94456	43.393	ug/l	94
42) 1,2-Dichloroethane	8.665	62	179813	44.331	ug/l	98
43) Isopropyl Acetate	8.683	43	303653	37.572	ug/l	95
44) Trichloroethene	9.347	130	163686	52.126	ug/l	98
45) 1,2-Dichloropropane	9.618	63	144864	46.838	ug/l	99
46) Dibromomethane	9.706	93	99046	47.460	ug/l	97
47) Bromodichloromethane	9.882	83	207343	48.219	ug/l	99
48) Methyl methacrylate	9.677	41	137836	44.012	ug/l	93
49) 1,4-Dioxane	9.688	88	62408	941.089	ug/l #	93
51) 4-Methyl-2-Pentanone	10.441	43	867486	212.844	ug/l	96
52) Toluene	10.624	92	393237	48.596	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	227886	50.055	ug/l	99
54) cis-1,3-Dichloropropene	10.306	75	245896	49.478	ug/l	95
55) 1,1,2-Trichloroethane	11.012	97	141966	47.031	ug/l	98
56) Ethyl methacrylate	10.871	69	240637	49.651	ug/l	92
57) 1,3-Dichloropropane	11.159	76	244868	47.088	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.153	63	542149	250.294	ug/l	96
59) 2-Hexanone	11.194	43	635492	213.518	ug/l	96
60) Dibromochloromethane	11.359	129	160829	50.840	ug/l	99
61) 1,2-Dibromoethane	11.465	107	145555	47.986	ug/l	99
64) Tetrachloroethene	11.100	164	166680	54.764	ug/l	95
65) Chlorobenzene	11.888	112	434264	49.845	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	142827	50.782	ug/l	99
67) Ethyl Benzene	11.959	91	739840	49.578	ug/l	98
68) m/p-Xylenes	12.065	106	584293	103.375	ug/l	96
69) o-Xylene	12.394	106	284069	50.553	ug/l	100
70) Styrene	12.406	104	478067	51.964	ug/l	99
71) Bromoform	12.576	173	107128	53.558	ug/l #	97
73) Isopropylbenzene	12.694	105	678798	46.666	ug/l	100
74) N-amyl acetate	12.488	43	249083	40.985	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	185291	41.463	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	265337	62.295	ug/l	62
77) Bromobenzene	12.976	156	170628	46.632	ug/l	93
78) n-propylbenzene	13.029	91	787287	47.163	ug/l	98
79) 2-Chlorotoluene	13.123	91	493894	45.504	ug/l	97
80) 1,3,5-Trimethylbenzene	13.171	105	565076	48.488	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	84134	49.849	ug/l	89
82) 4-Chlorotoluene	13.218	91	504030	46.872	ug/l	99
83) tert-Butylbenzene	13.435	119	480343	47.263	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	571940	49.283	ug/l	100
85) sec-Butylbenzene	13.612	105	669819	49.152	ug/l	99
86) p-Isopropyltoluene	13.723	119	578026	51.747	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	314866	49.694	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	311786	49.665	ug/l	99
89) n-Butylbenzene	14.053	91	487696	52.666	ug/l	99
90) Hexachloroethane	14.329	117	93193	50.283	ug/l	96
91) 1,2-Dichlorobenzene	14.100	146	297440	49.355	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	33939	45.845	ug/l	87
93) 1,2,4-Trichlorobenzene	15.388	180	141097	55.466	ug/l	99
94) Hexachlorobutadiene	15.500	225	57747	54.714	ug/l	97
95) Naphthalene	15.635	128	464755	52.617	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	132698	53.267	ug/l	99

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ClientSampleId :
VSTDCCC050

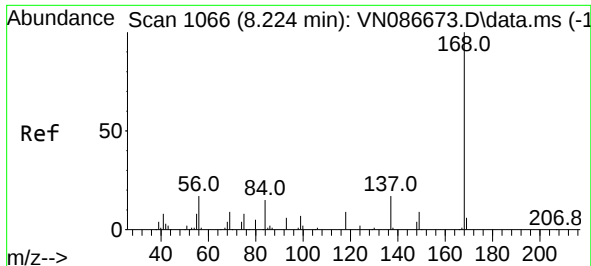
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QLast Update : Sat May 17 00:46:13 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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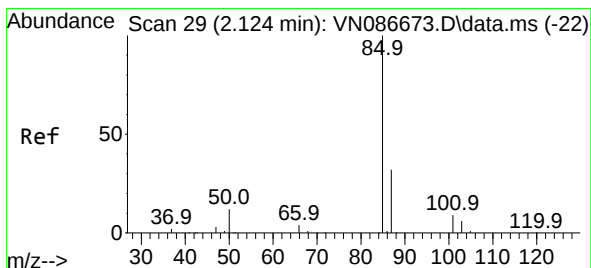
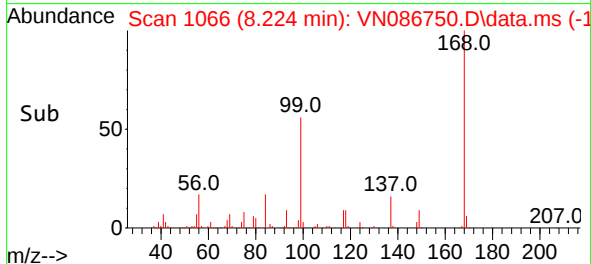
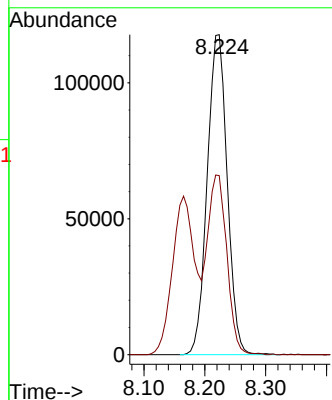
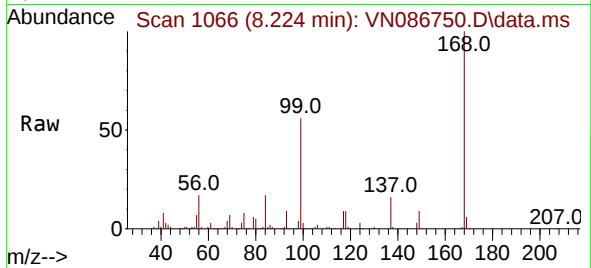




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086750.D
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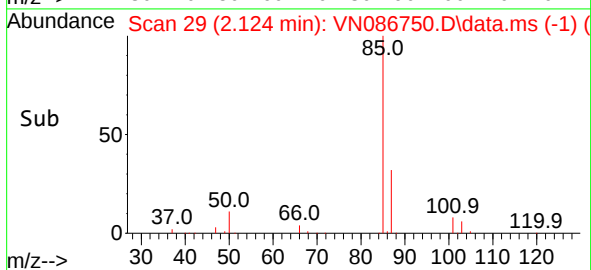
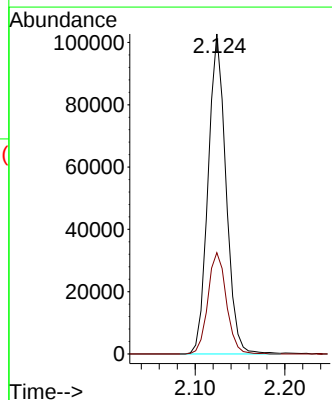
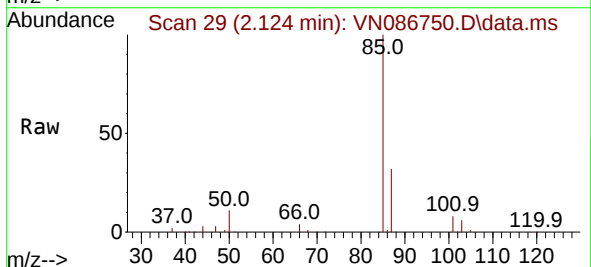
Instrument :
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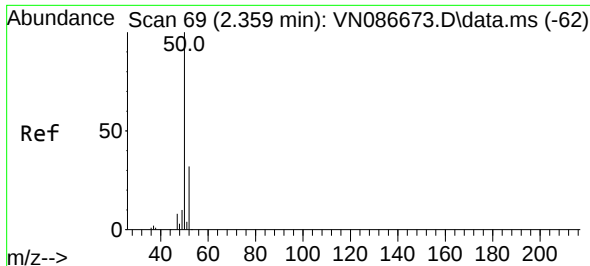
Tgt Ion:168 Resp: 268645
Ion Ratio Lower Upper
168 100
99 55.9 47.0 70.4



#2
Dichlorodifluoromethane
Concen: 48.980 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086750.D
Acq: 22 May 2025 08:21

Tgt Ion: 85 Resp: 142100
Ion Ratio Lower Upper
85 100
87 31.6 15.9 47.6

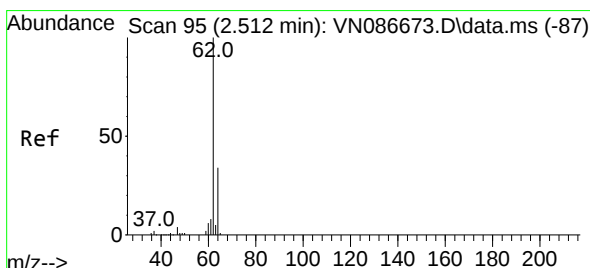
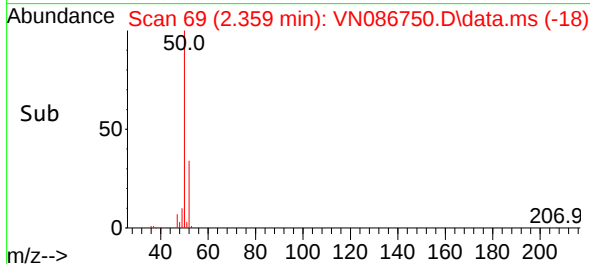
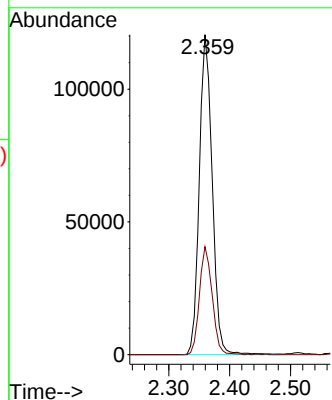
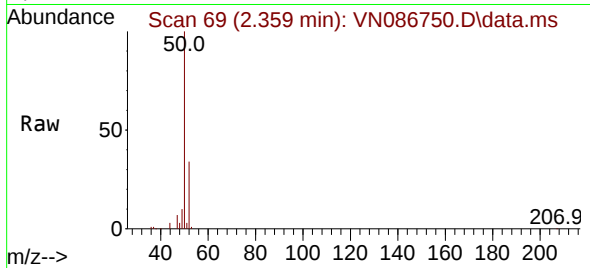




#3
Chloromethane
Concen: 40.468 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086750.D
Acq: 22 May 2025 08:21

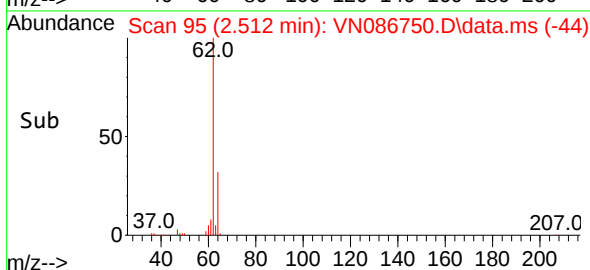
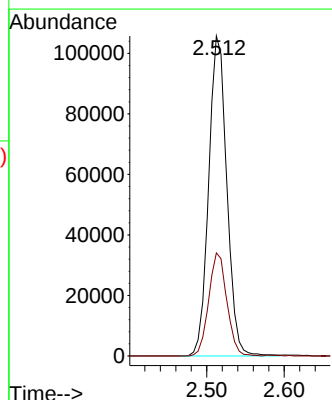
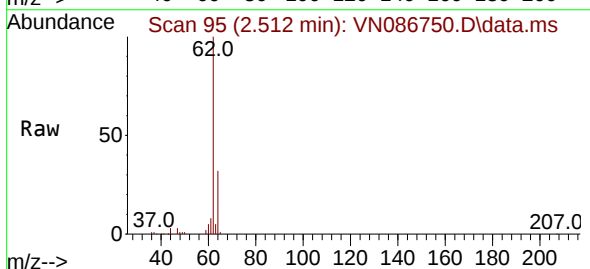
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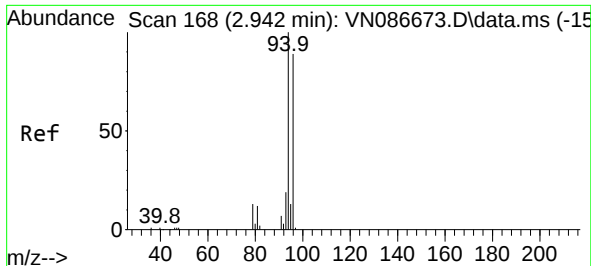
Tgt Ion: 50 Resp: 177578
Ion Ratio Lower Upper
50 100
52 33.8 25.9 38.9



#4
Vinyl Chloride
Concen: 43.572 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN086750.D
Acq: 22 May 2025 08:21

Tgt Ion: 62 Resp: 171712
Ion Ratio Lower Upper
62 100
64 32.2 26.9 40.3

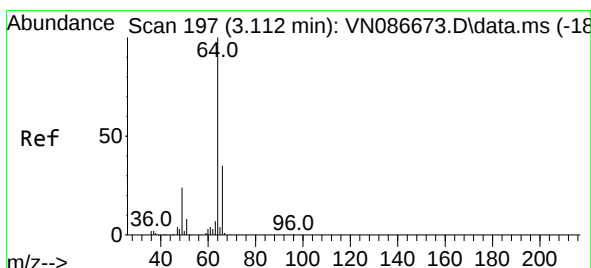
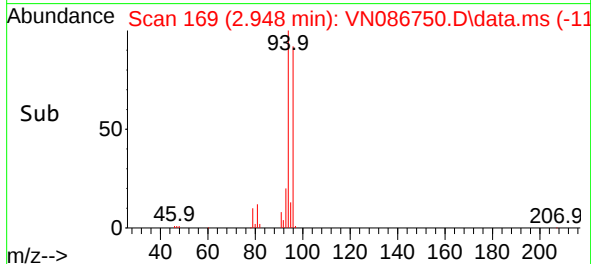
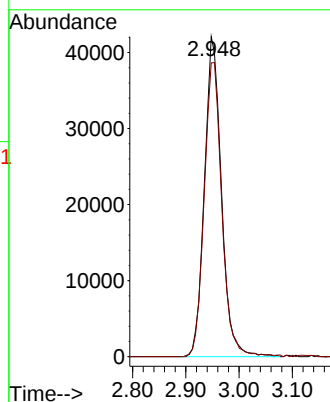
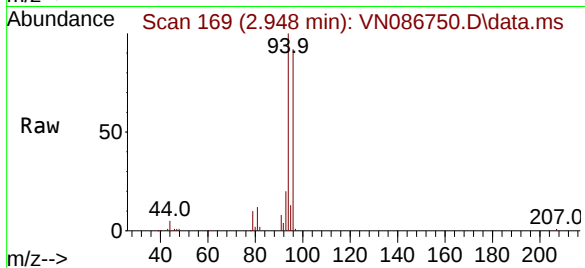




#5
Bromomethane
Concen: 41.058 ug/l
RT: 2.948 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN086750.D
Acq: 22 May 2025 08:21

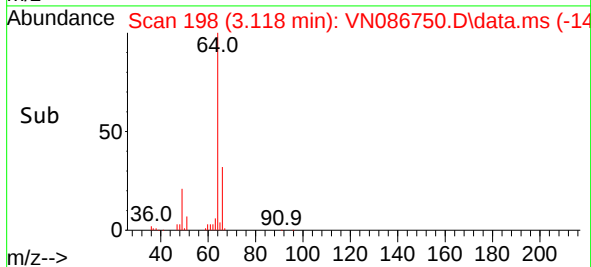
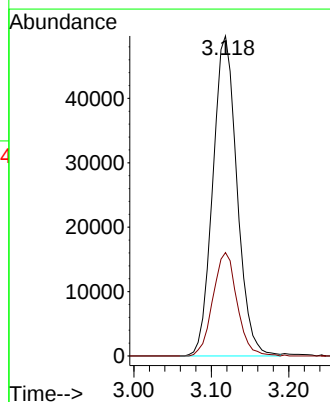
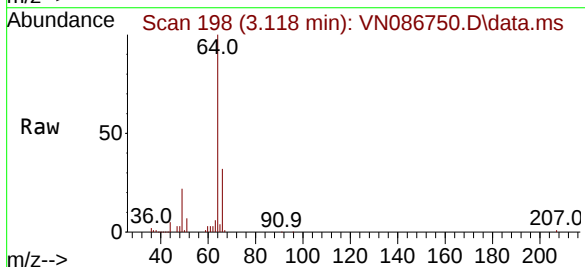
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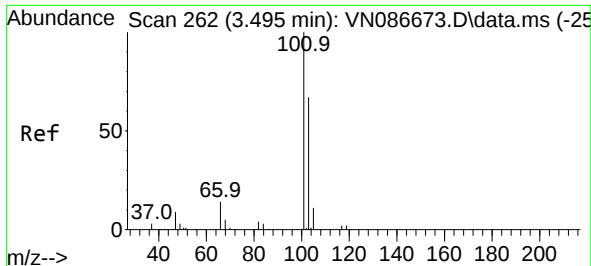
Tgt Ion: 94 Resp: 93279
Ion Ratio Lower Upper
94 100
96 91.8 71.2 106.8



#6
Chloroethane
Concen: 41.808 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN086750.D
Acq: 22 May 2025 08:21

Tgt Ion: 64 Resp: 107933
Ion Ratio Lower Upper
64 100
66 32.3 27.7 41.5

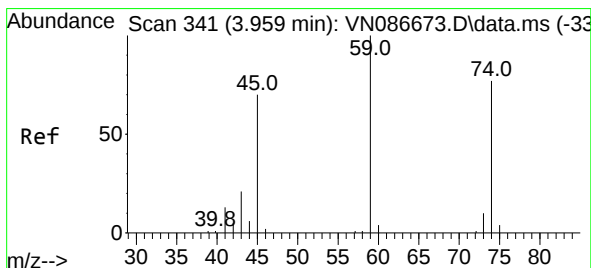
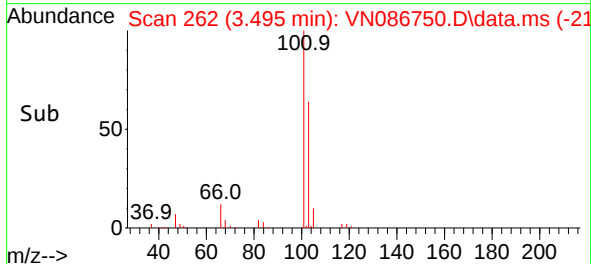
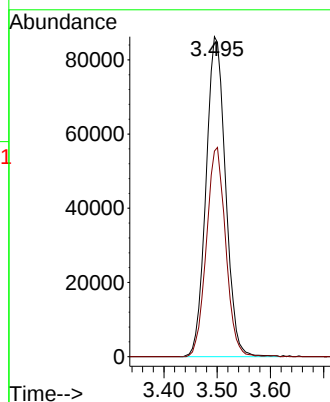
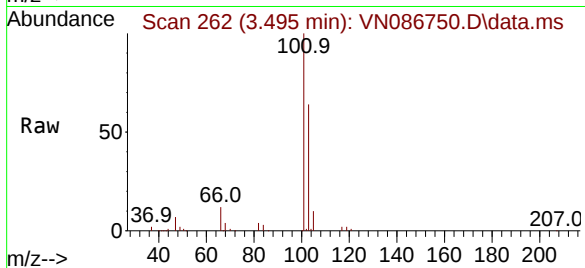




#7
 Trichlorofluoromethane
 Concen: 46.735 ug/l
 RT: 3.495 min Scan# 210
 Delta R.T. -0.000 min
 Lab File: VN086750.D
 Acq: 22 May 2025 08:21

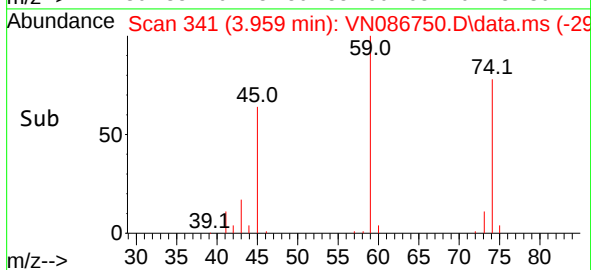
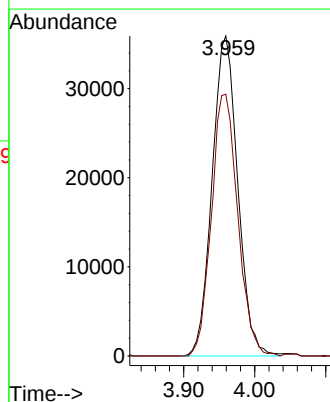
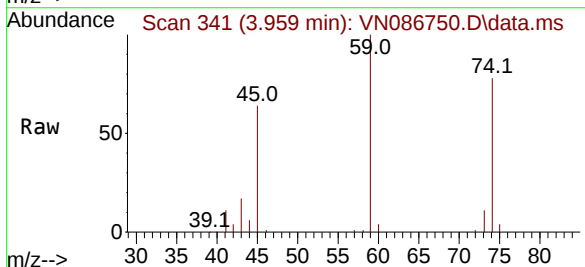
Instrument :
 MSVOA_N
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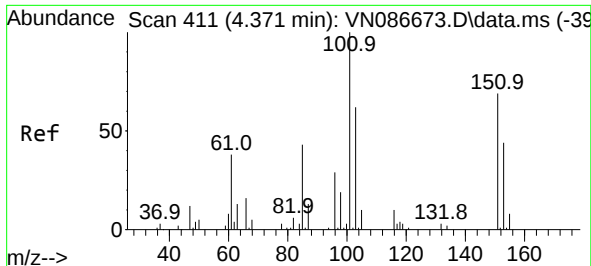
Tgt Ion:101 Resp: 220101
 Ion Ratio Lower Upper
 101 100
 103 64.2 53.4 80.0



#8
 Diethyl Ether
 Concen: 46.270 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN086750.D
 Acq: 22 May 2025 08:21

Tgt Ion: 74 Resp: 90022
 Ion Ratio Lower Upper
 74 100
 45 84.0 45.0 135.0

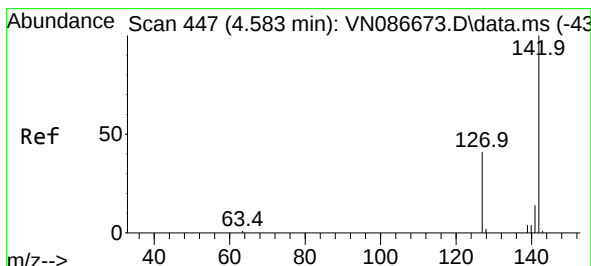
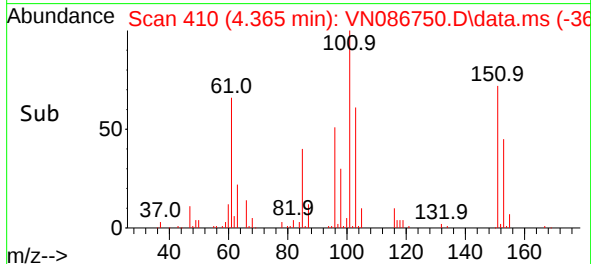
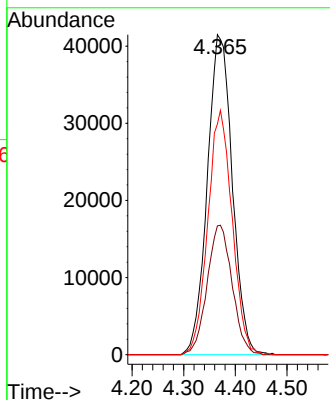
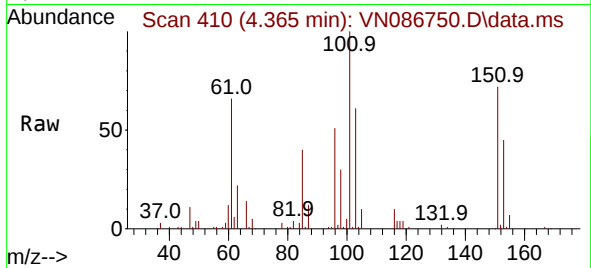




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 49.460 ug/l
 RT: 4.365 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VN086750.D
 Acq: 22 May 2025 08:21

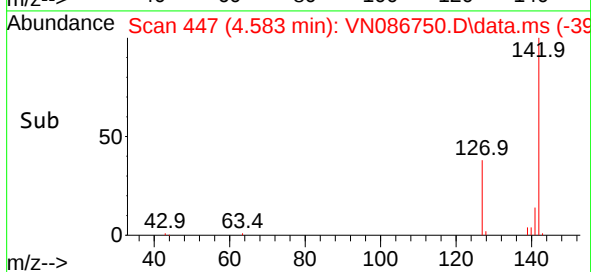
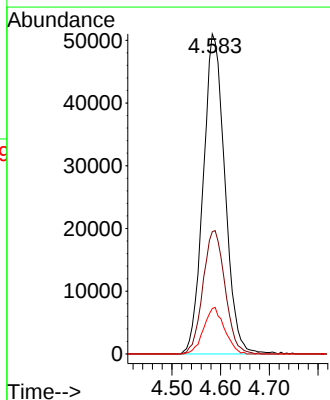
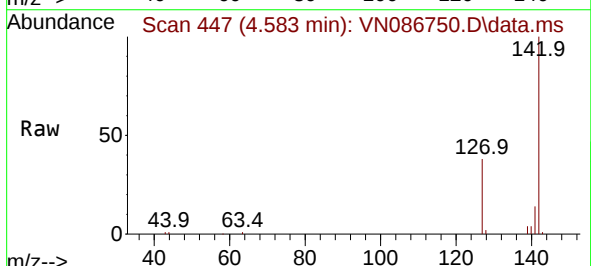
Instrument :
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 ClientSampleId :
 VSTDCCC050

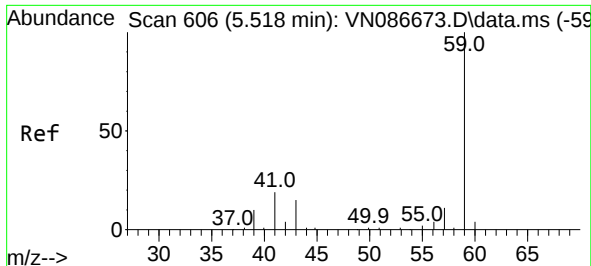
Tgt Ion:101 Resp: 139452
 Ion Ratio Lower Upper
 101 100
 85 40.4 35.0 52.6
 151 74.3 58.1 87.1



#10
 Methyl Iodide
 Concen: 44.931 ug/l
 RT: 4.583 min Scan# 447
 Delta R.T. -0.000 min
 Lab File: VN086750.D
 Acq: 22 May 2025 08:21

Tgt Ion:142 Resp: 157580
 Ion Ratio Lower Upper
 142 100
 127 38.2 32.4 48.6
 141 14.2 11.4 17.2

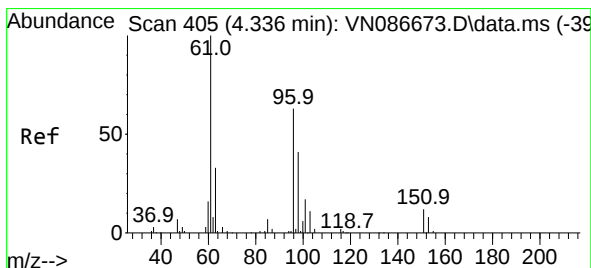
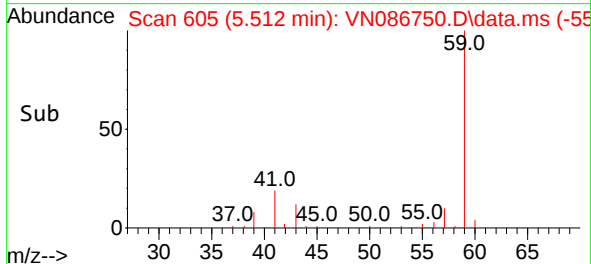
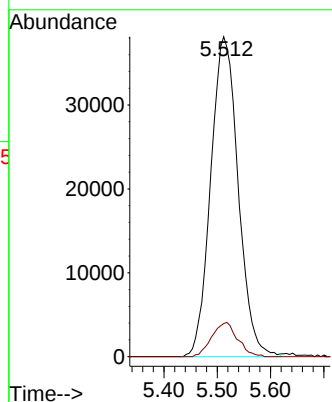
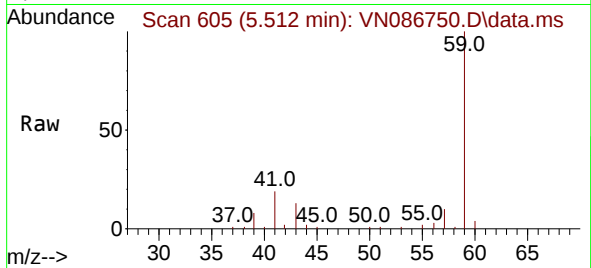




#11
Tert butyl alcohol
Concen: 202.124 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN086750.D
Acq: 22 May 2025 08:21

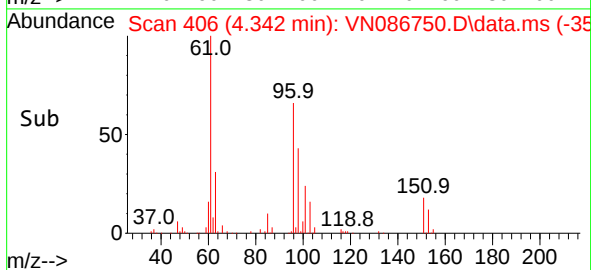
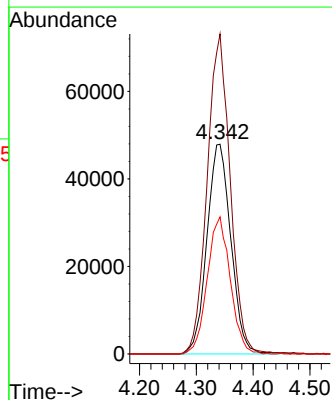
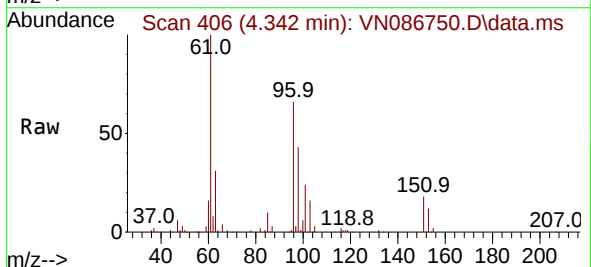
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

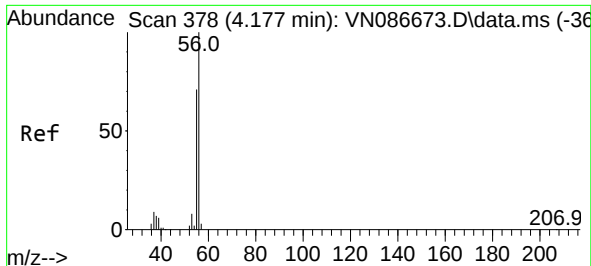
Tgt Ion: 59 Resp: 136652
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.2



#12
1,1-Dichloroethene
Concen: 46.848 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN086750.D
Acq: 22 May 2025 08:21

Tgt Ion: 96 Resp: 140374
Ion Ratio Lower Upper
96 100
61 152.6 126.2 189.2
98 65.4 51.5 77.3

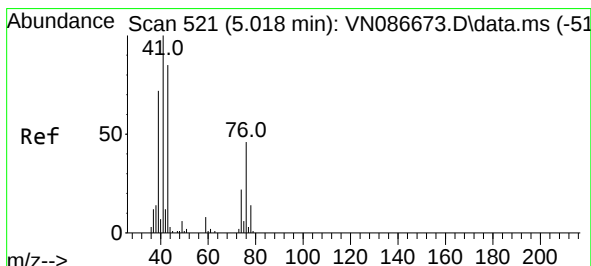
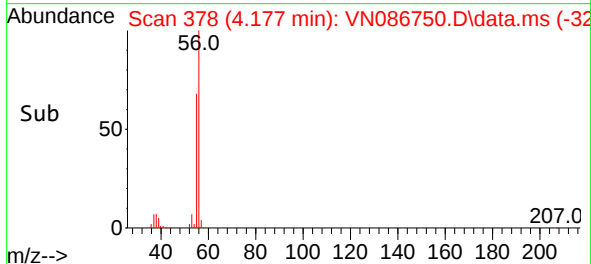
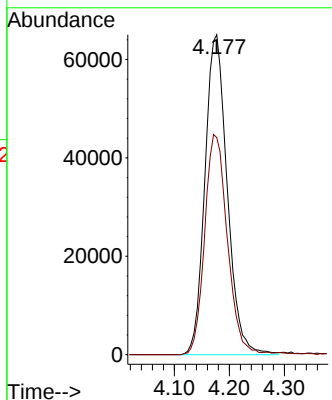
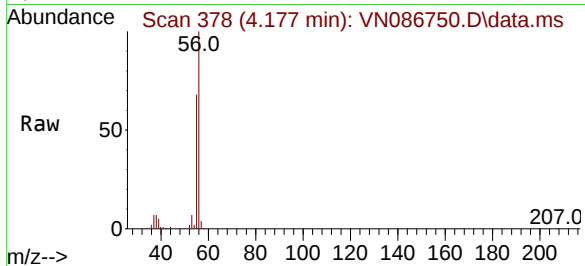




#13
Acrolein
Concen: 253.918 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN086750.D
Acq: 22 May 2025 08:21

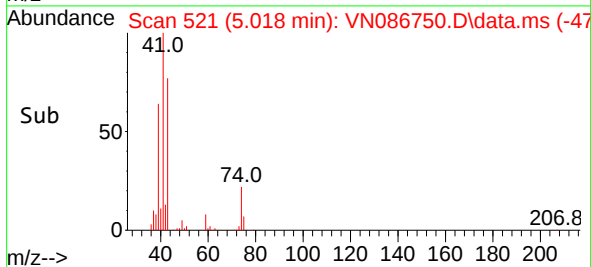
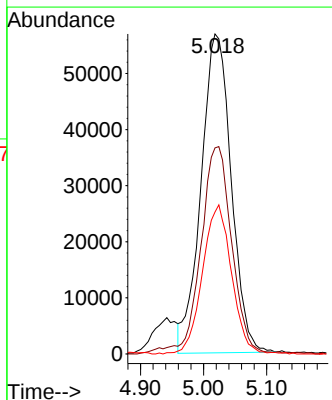
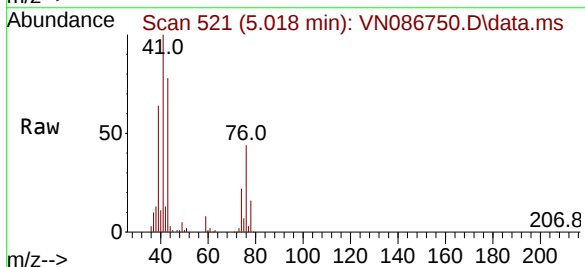
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

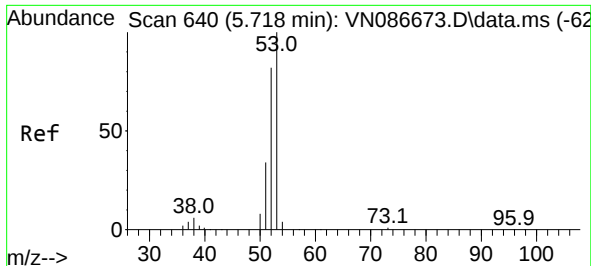
Tgt Ion: 56 Resp: 183518
Ion Ratio Lower Upper
56 100
55 70.0 55.7 83.5



#14
Allyl chloride
Concen: 41.666 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN086750.D
Acq: 22 May 2025 08:21

Tgt Ion: 41 Resp: 188967
Ion Ratio Lower Upper
41 100
39 67.0 57.4 86.0
76 45.1 33.2 49.8

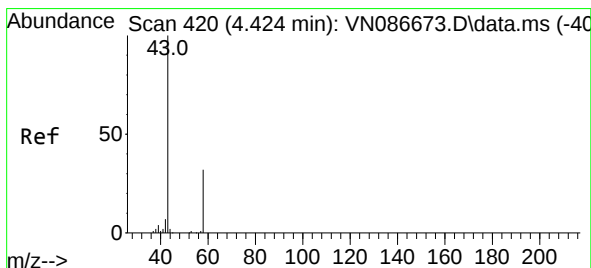
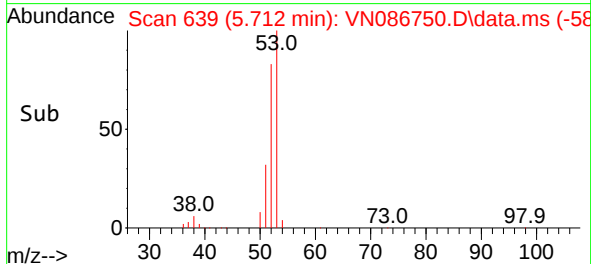
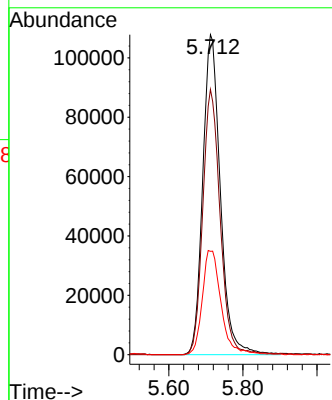
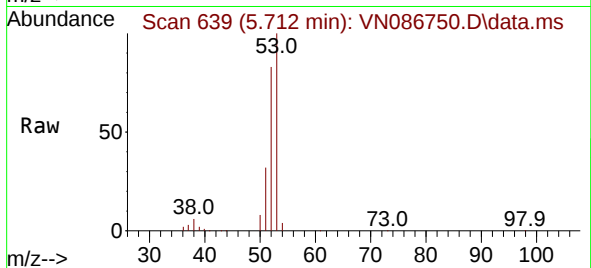




#15
Acrylonitrile
Concen: 212.585 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086750.D
Acq: 22 May 2025 08:21

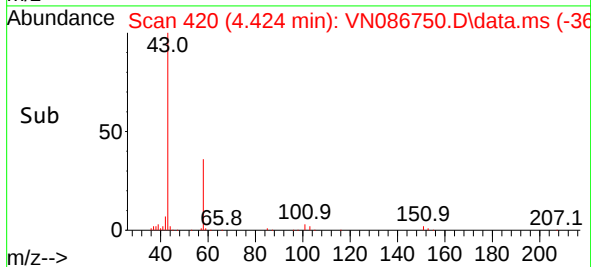
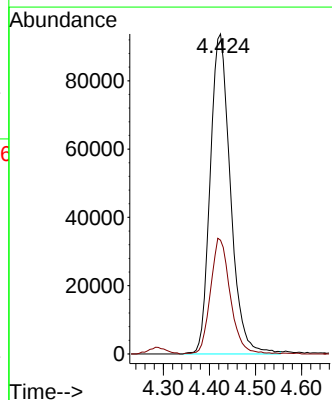
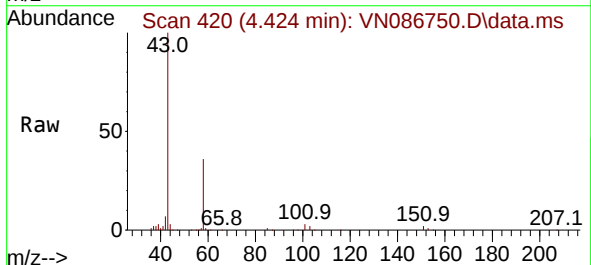
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

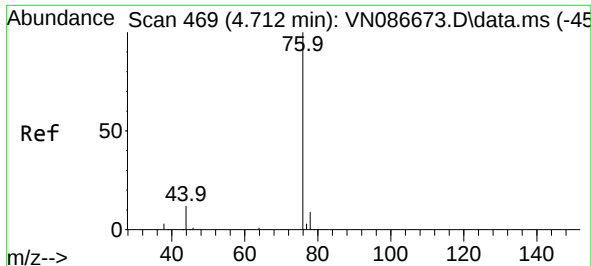
Tgt Ion: 53 Resp: 355858
Ion Ratio Lower Upper
53 100
52 81.8 65.4 98.2
51 34.7 27.9 41.9



#16
Acetone
Concen: 205.792 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086750.D
Acq: 22 May 2025 08:21

Tgt Ion: 43 Resp: 285763
Ion Ratio Lower Upper
43 100
58 35.5 25.8 38.6

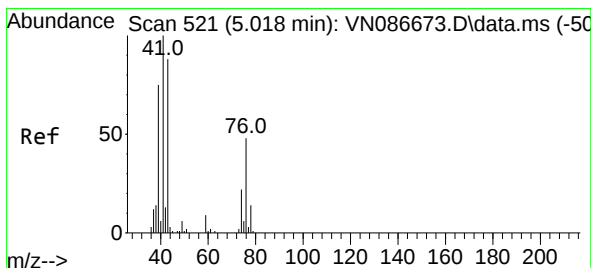
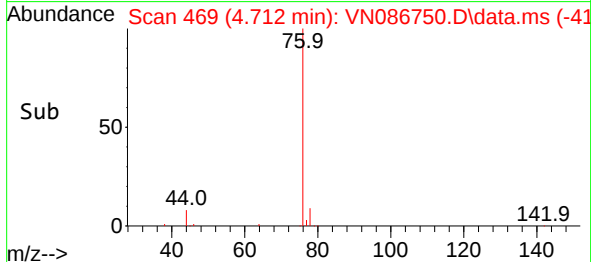
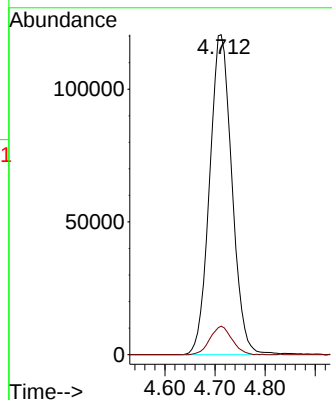
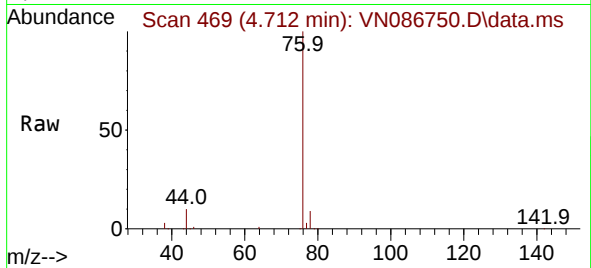




#17
Carbon Disulfide
Concen: 44.984 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN086750.D
Acq: 22 May 2025 08:21

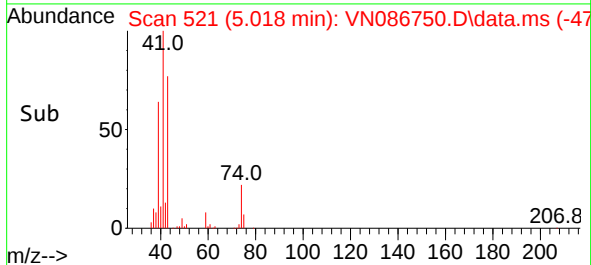
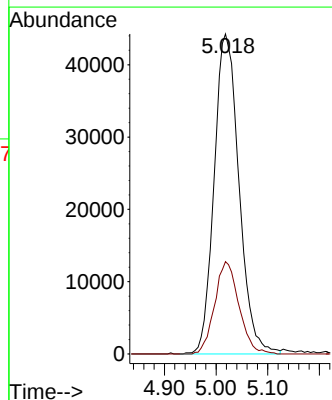
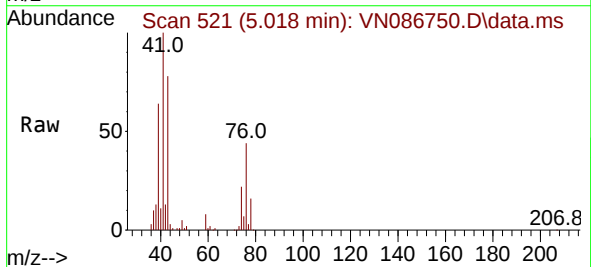
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ClientSampleId :
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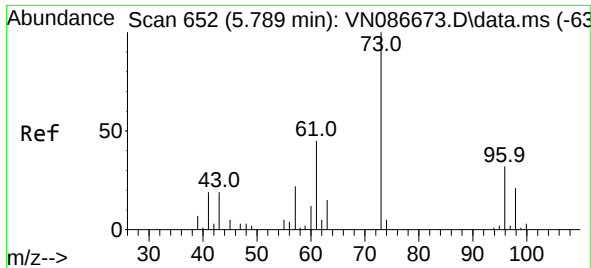
Tgt Ion: 76 Resp: 373189
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9



#18
Methyl Acetate
Concen: 38.021 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN086750.D
Acq: 22 May 2025 08:21

Tgt Ion: 43 Resp: 147771
Ion Ratio Lower Upper
43 100
74 28.2 20.5 30.7

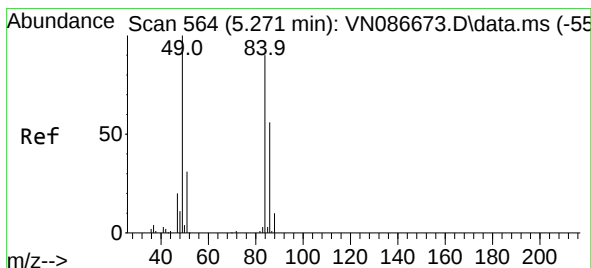
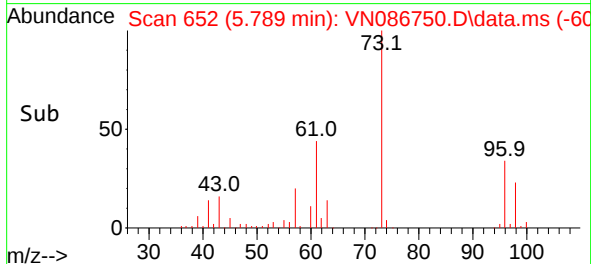
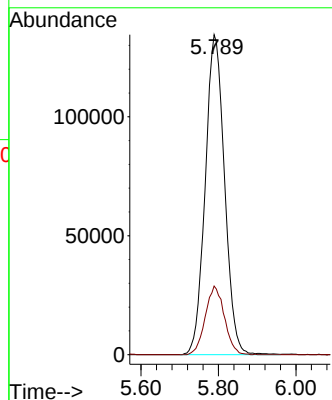
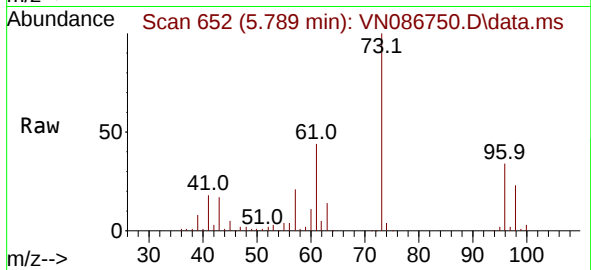




#19
Methyl tert-butyl Ether
Concen: 45.612 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086750.D
Acq: 22 May 2025 08:21

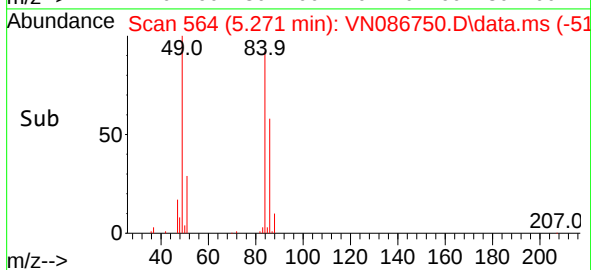
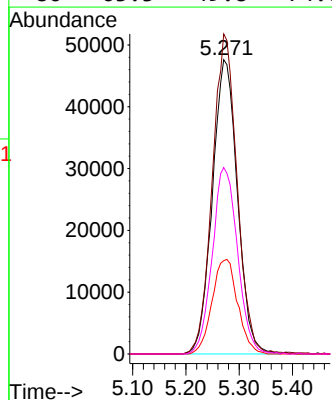
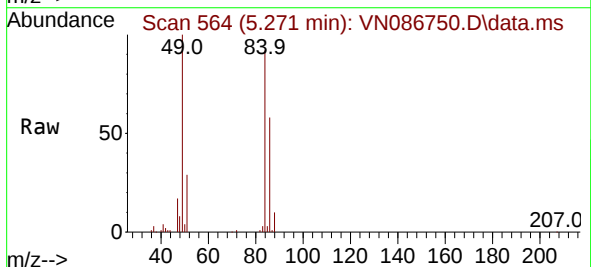
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

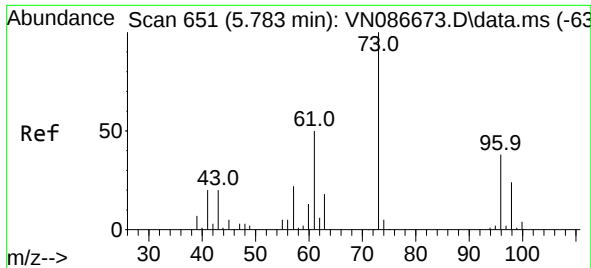
Tgt Ion: 73 Resp: 465365
Ion Ratio Lower Upper
73 100
57 21.5 17.7 26.5



#20
Methylene Chloride
Concen: 42.475 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086750.D
Acq: 22 May 2025 08:21

Tgt Ion: 84 Resp: 155642
Ion Ratio Lower Upper
84 100
49 108.7 88.8 133.2
51 31.7 27.8 41.6
86 63.3 49.8 74.6

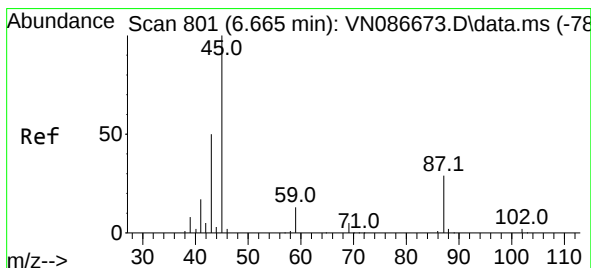
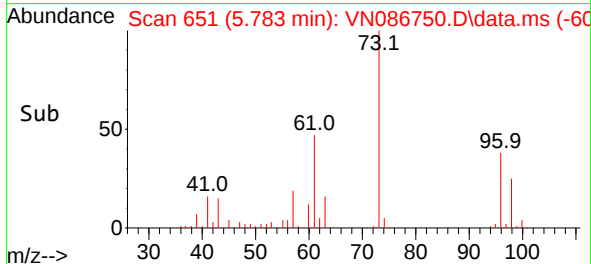
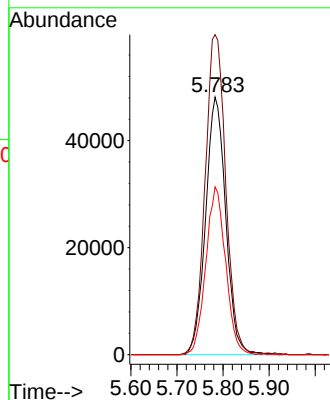
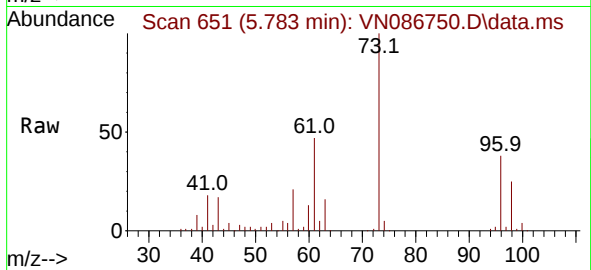




#21
trans-1,2-Dichloroethene
Concen: 46.338 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086750.D
Acq: 22 May 2025 08:21

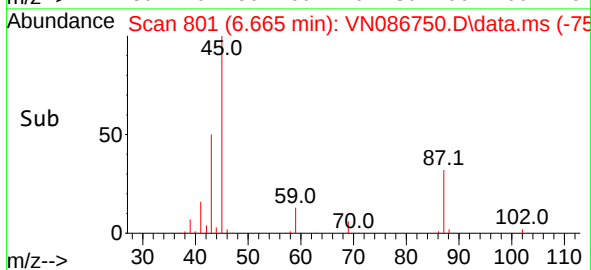
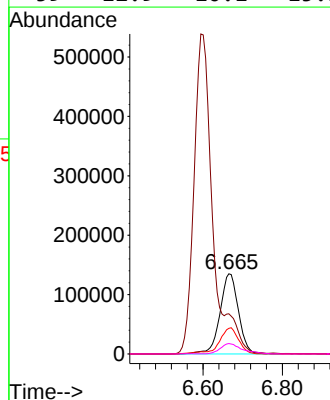
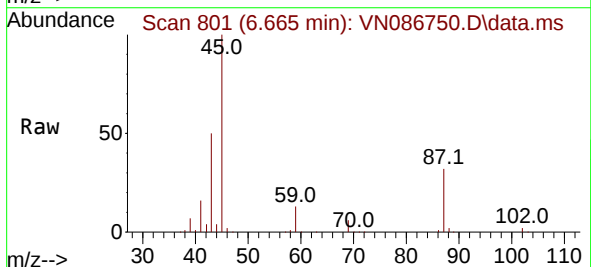
Instrument :
MSVOA_N
ClientSampleId :
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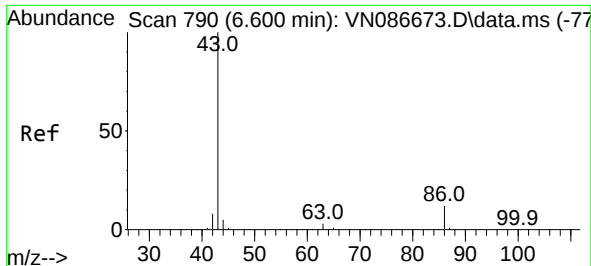
Tgt Ion: 96 Resp: 146800
Ion Ratio Lower Upper
96 100
61 124.2 105.7 158.5
98 65.2 51.0 76.6



#22
Diisopropyl ether
Concen: 42.476 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN086750.D
Acq: 22 May 2025 08:21

Tgt Ion: 45 Resp: 434610
Ion Ratio Lower Upper
45 100
43 49.5 41.4 62.2
87 31.9 22.9 34.3
59 12.9 10.1 15.1

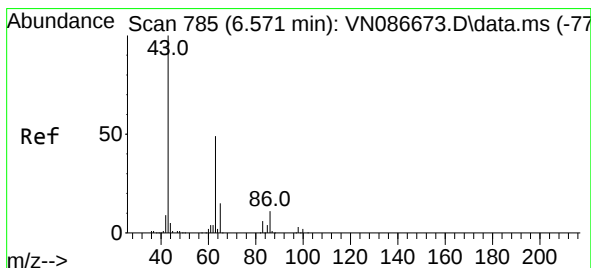
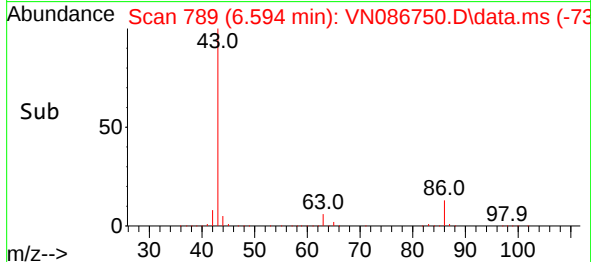
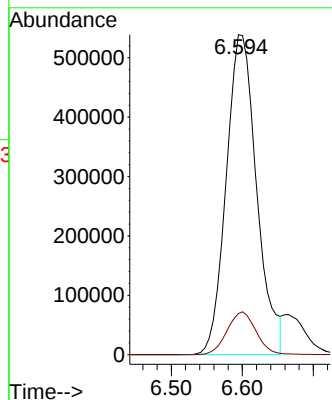
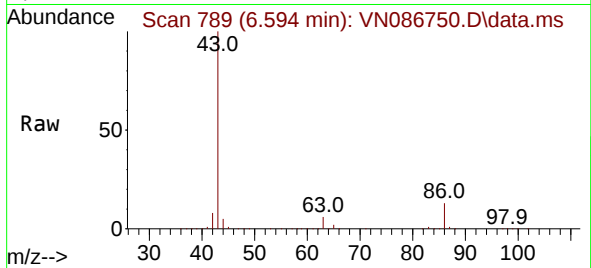




#23
 Vinyl Acetate
 Concen: 209.360 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. -0.006 min
 Lab File: VN086750.D
 Acq: 22 May 2025 08:21

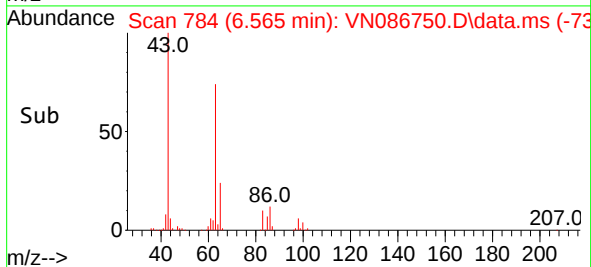
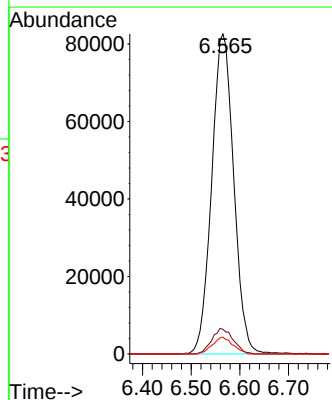
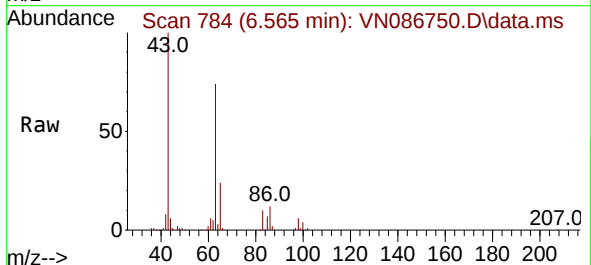
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1609963
 Ion Ratio Lower Upper
 43 100
 86 12.9 9.5 14.3



#24
 1,1-Dichloroethane
 Concen: 43.122 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN086750.D
 Acq: 22 May 2025 08:21

Tgt Ion: 63 Resp: 259048
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.4 10.2
 100 5.2 2.4 7.1

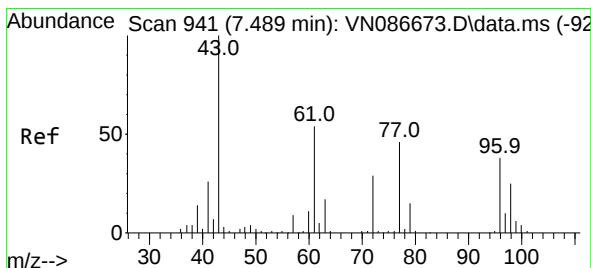
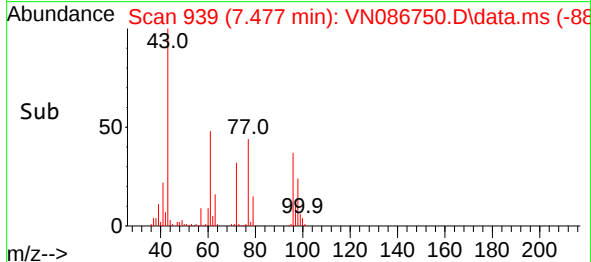
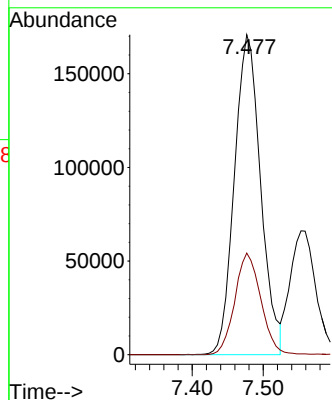
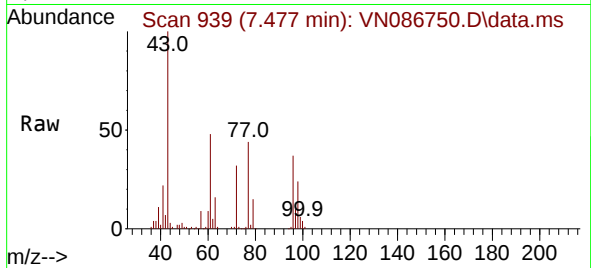




#25
2-Butanone
Concen: 204.626 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086750.D
Acq: 22 May 2025 08:21

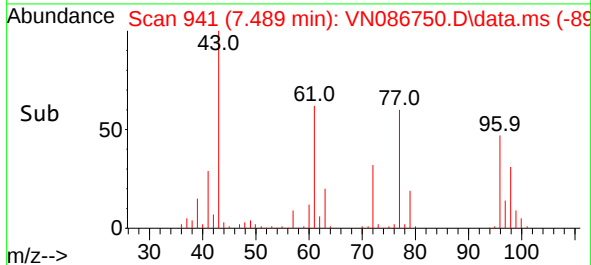
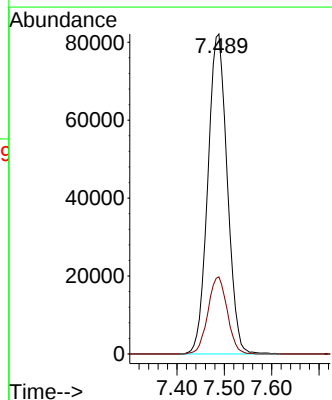
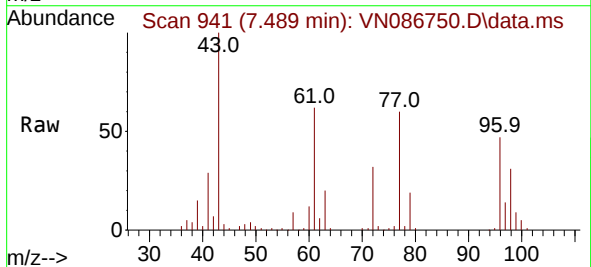
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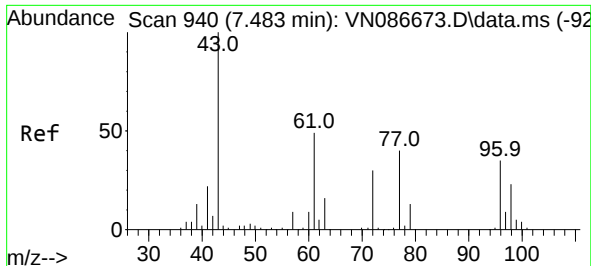
Tgt Ion: 43 Resp: 439082
Ion Ratio Lower Upper
43 100
72 31.8 23.1 34.7



#26
2,2-Dichloropropane
Concen: 47.109 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN086750.D
Acq: 22 May 2025 08:21

Tgt Ion: 77 Resp: 233544
Ion Ratio Lower Upper
77 100
97 24.0 11.6 34.7

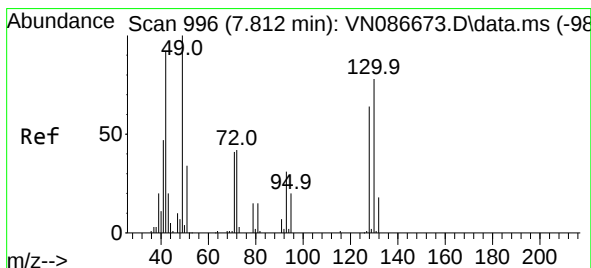
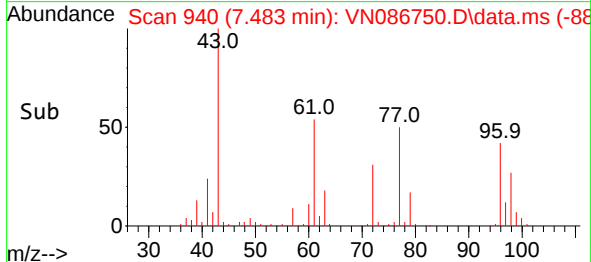
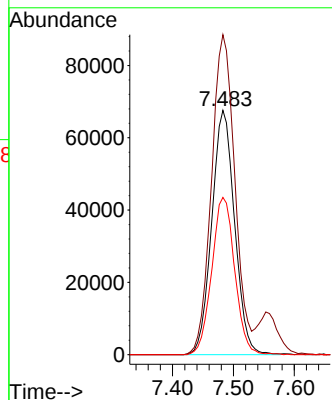
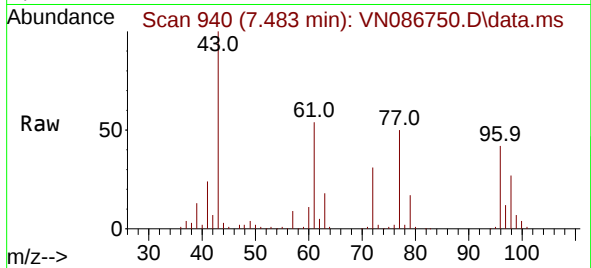




#27
 cis-1,2-Dichloroethene
 Concen: 45.356 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN086750.D
 Acq: 22 May 2025 08:21

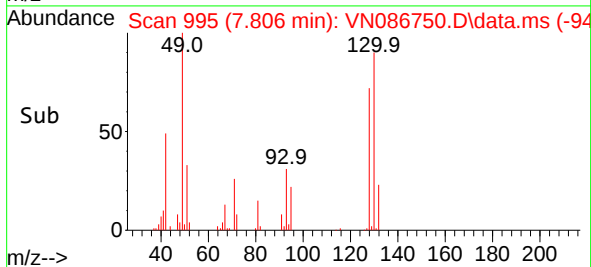
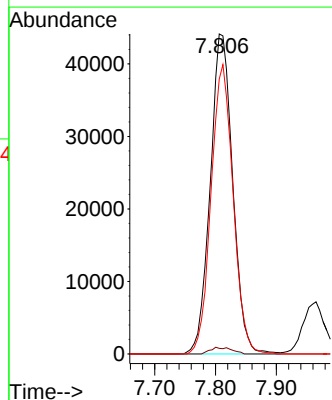
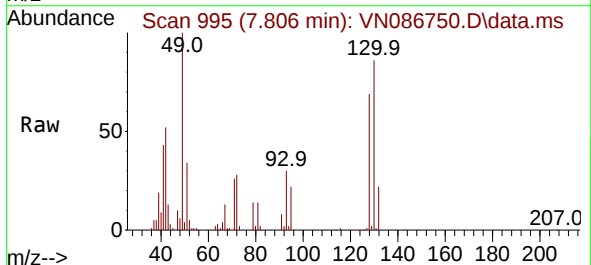
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

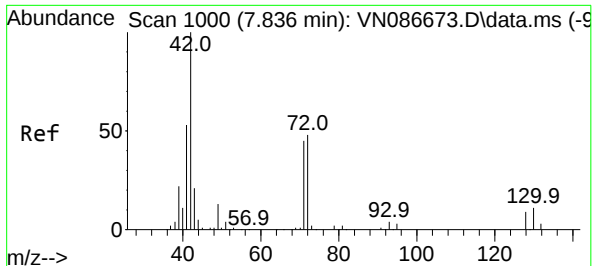
Tgt Ion: 96 Resp: 176369
 Ion Ratio Lower Upper
 96 100
 61 133.4 0.0 277.4
 98 64.7 0.0 129.6



#28
 Bromochloromethane
 Concen: 41.544 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.006 min
 Lab File: VN086750.D
 Acq: 22 May 2025 08:21

Tgt Ion: 49 Resp: 113388
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 88.7 62.2 93.4





#29

Tetrahydrofuran

Concen: 202.982 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086750.D

Acq: 22 May 2025 08:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

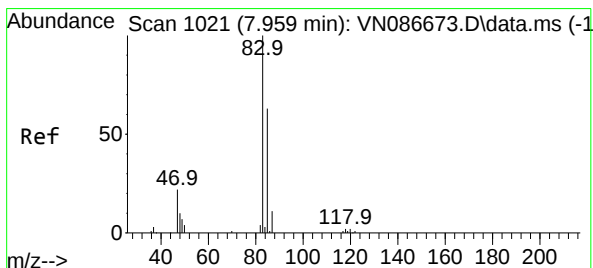
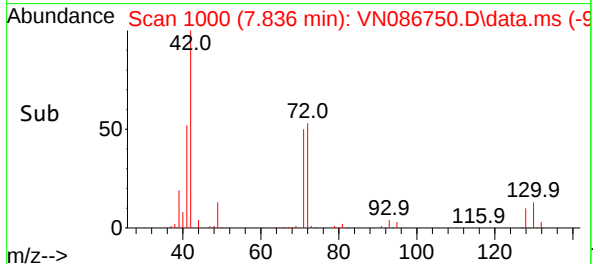
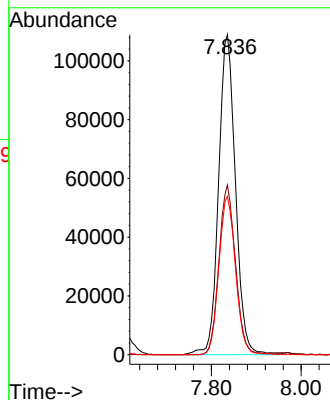
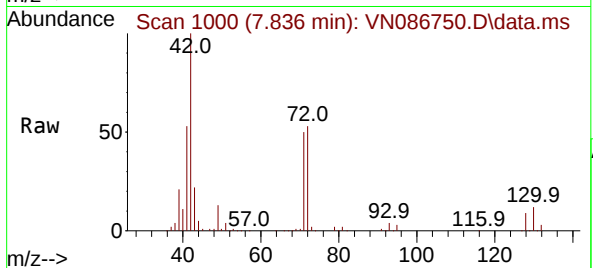
Tgt Ion: 42 Resp: 284293

Ion Ratio Lower Upper

42 100

72 52.1 38.7 58.1

71 48.9 36.2 54.4



#30

Chloroform

Concen: 43.557 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VN086750.D

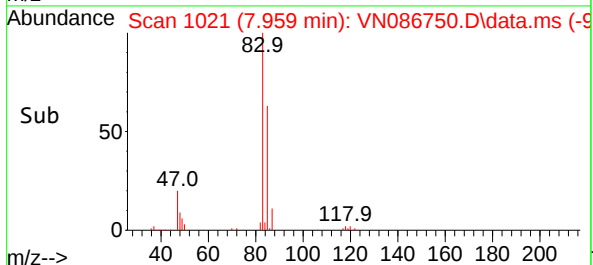
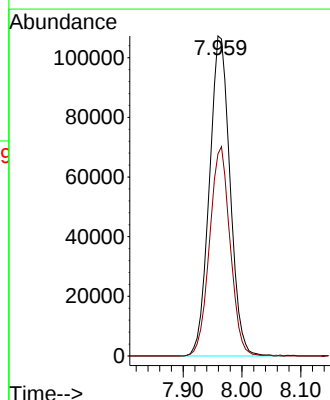
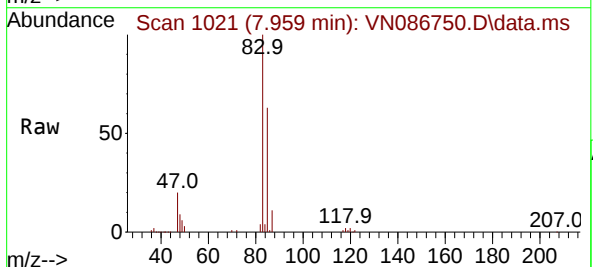
Acq: 22 May 2025 08:21

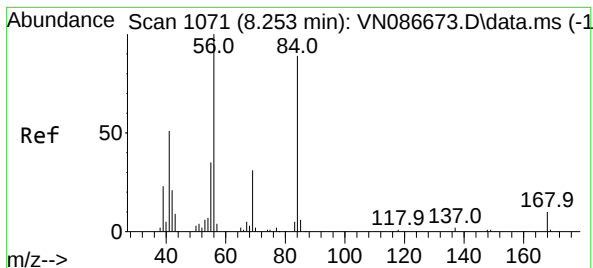
Tgt Ion: 83 Resp: 261897

Ion Ratio Lower Upper

83 100

85 63.1 50.2 75.4





#31

Cyclohexane

Concen: 40.785 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.000 min

Lab File: VN086750.D

Acq: 22 May 2025 08:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

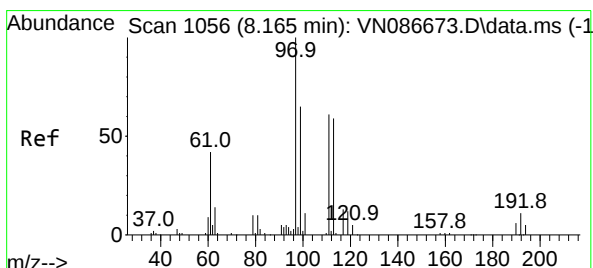
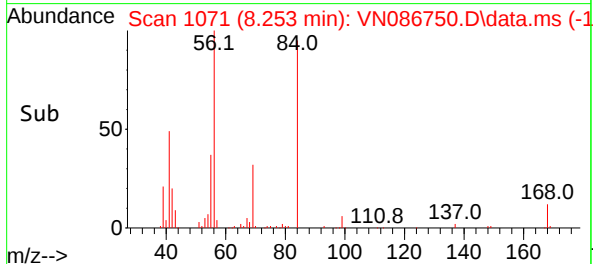
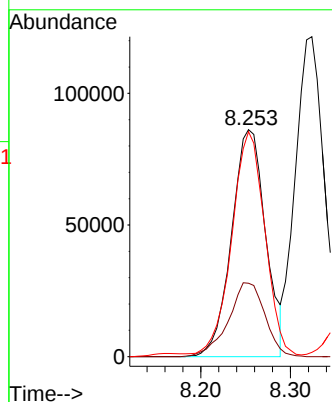
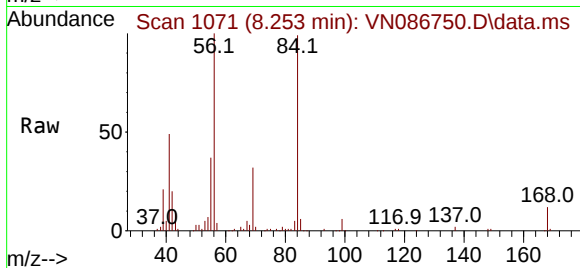
Tgt Ion: 56 Resp: 227226

Ion Ratio Lower Upper

56 100

69 32.4 25.0 37.6

84 97.8 71.0 106.4



#32

1,1,1-Trichloroethane

Concen: 44.540 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086750.D

Acq: 22 May 2025 08:21

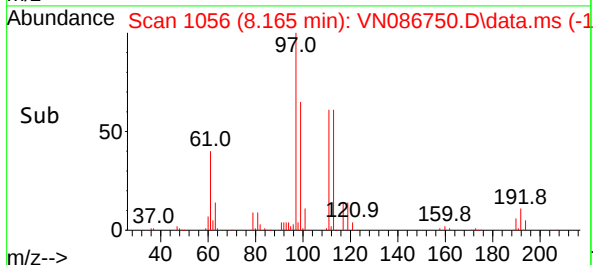
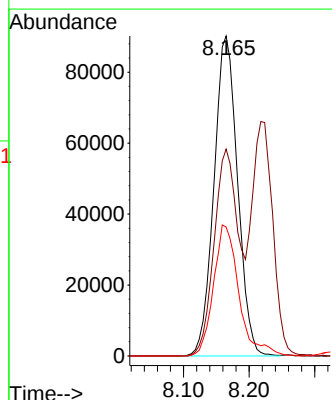
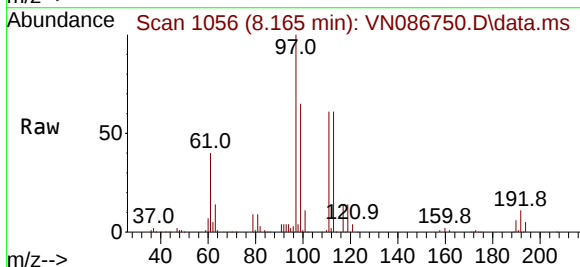
Tgt Ion: 97 Resp: 225797

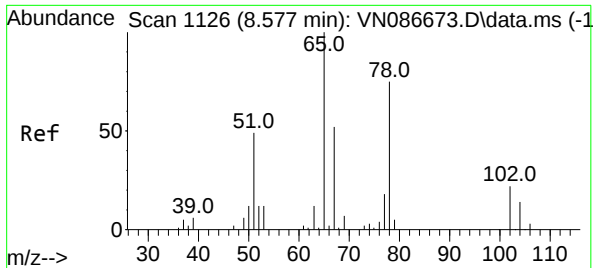
Ion Ratio Lower Upper

97 100

99 67.2 52.6 79.0

61 44.0 37.7 56.5





#33

1,2-Dichloroethane-d4

Concen: 40.577 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086750.D

Acq: 22 May 2025 08:21

Instrument :

MSVOA_N

ClientSampleId :

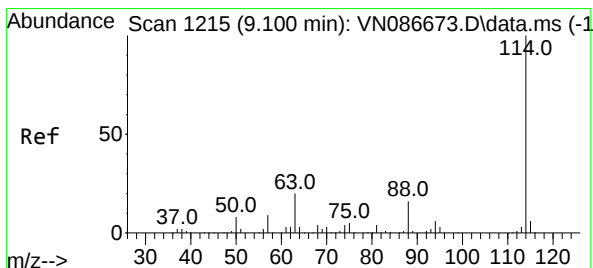
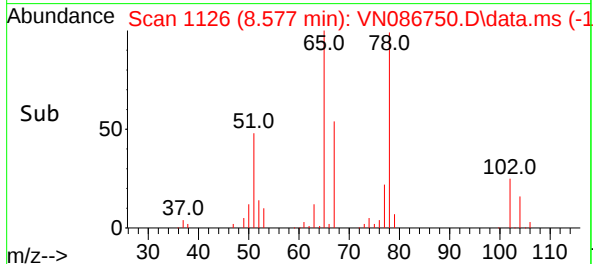
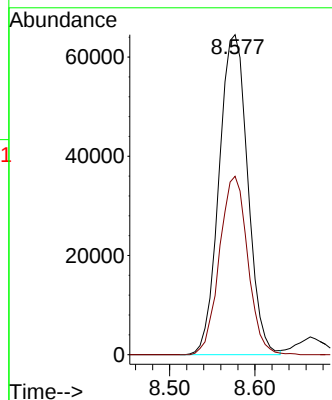
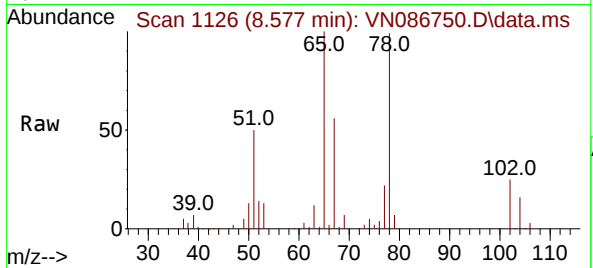
VSTDCCC050

Tgt Ion: 65 Resp: 150631

Ion Ratio Lower Upper

65 100

67 55.0 0.0 106.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VN086750.D

Acq: 22 May 2025 08:21

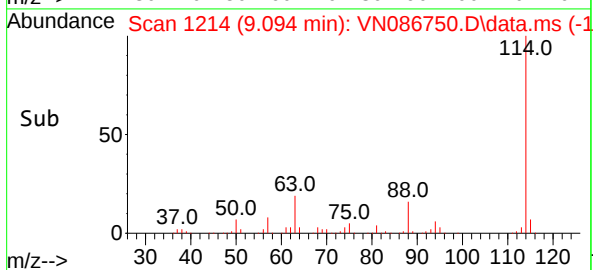
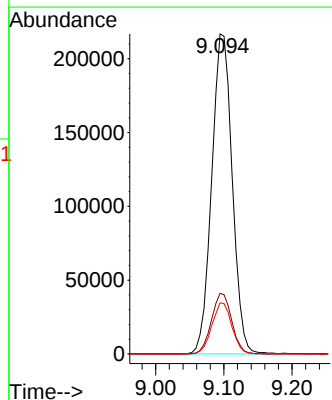
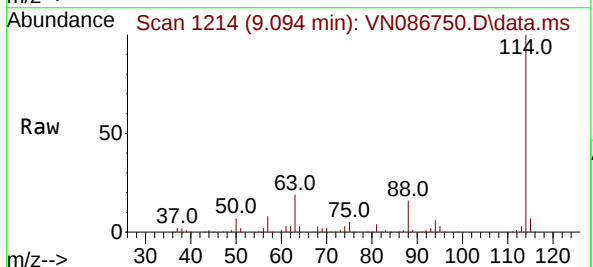
Tgt Ion: 114 Resp: 454328

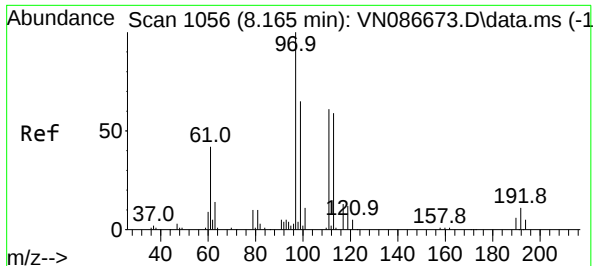
Ion Ratio Lower Upper

114 100

63 18.9 0.0 40.2

88 15.9 0.0 31.2

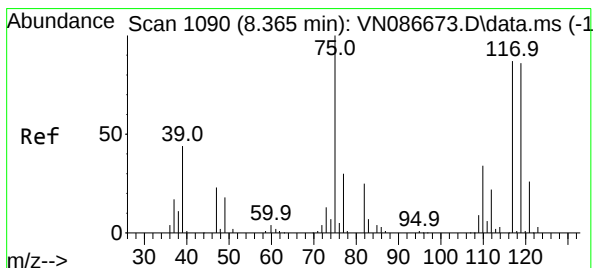
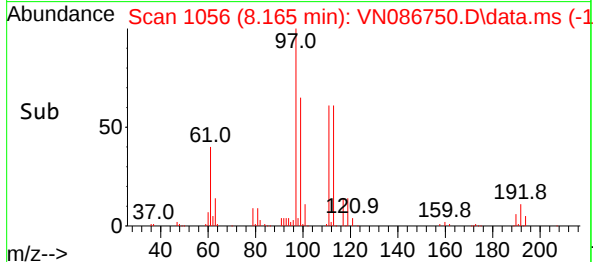
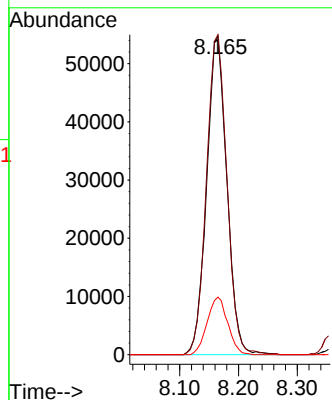
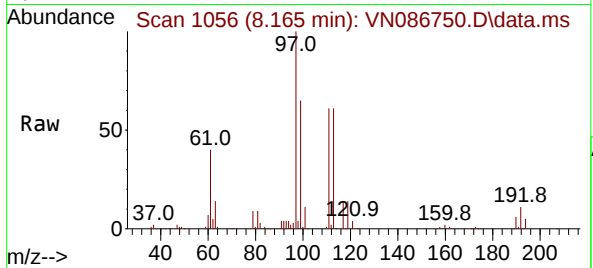




#35
Dibromofluoromethane
Concen: 48.330 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086750.D
Acq: 22 May 2025 08:21

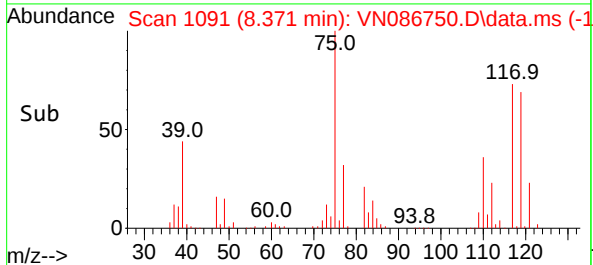
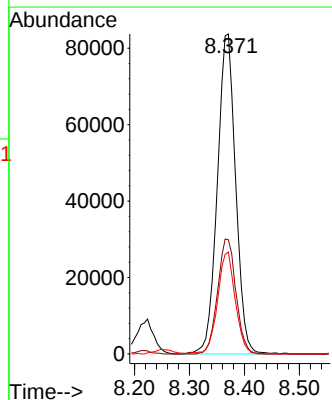
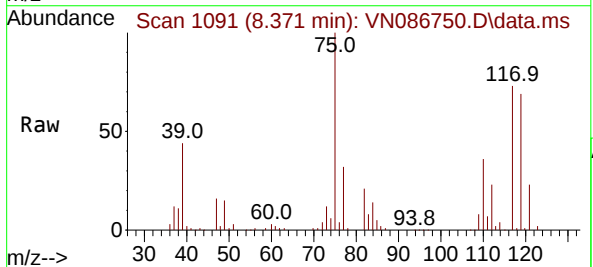
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

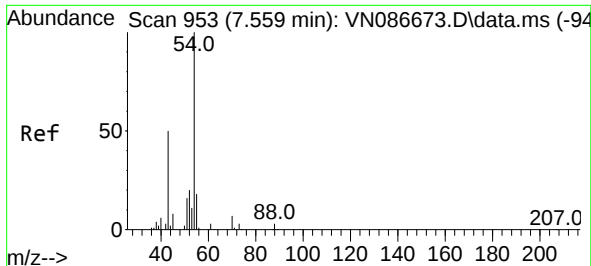
Tgt Ion:113 Resp: 130768
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.2
192 18.4 13.8 20.8



#36
1,1-Dichloropropene
Concen: 48.515 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN086750.D
Acq: 22 May 2025 08:21

Tgt Ion: 75 Resp: 193624
Ion Ratio Lower Upper
75 100
110 35.9 17.5 52.5
77 30.8 25.1 37.7





#37

Ethyl Acetate

Concen: 42.334 ug/l

RT: 7.553 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN086750.D

Acq: 22 May 2025 08:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

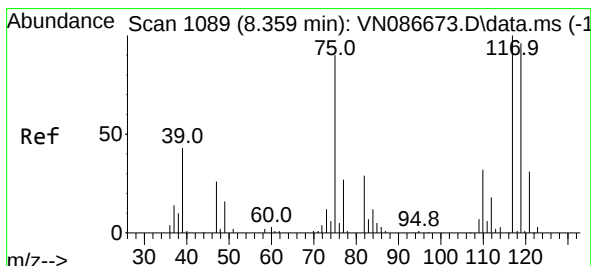
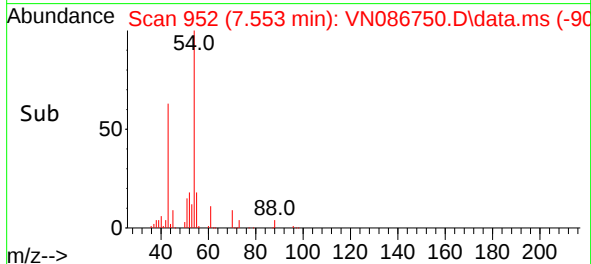
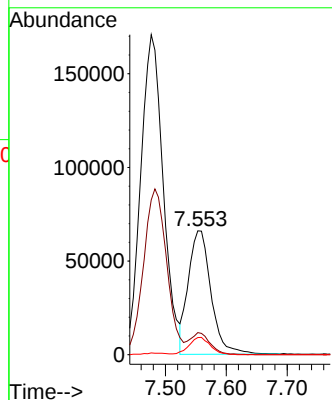
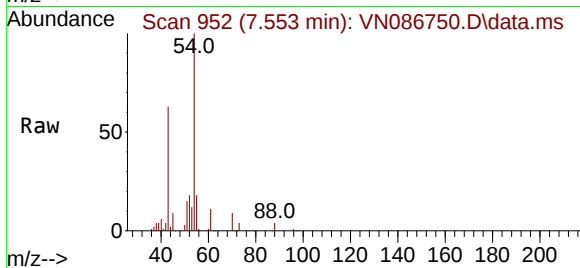
Tgt Ion: 43 Resp: 170671

Ion Ratio Lower Upper

43 100

61 14.8 11.6 17.4

70 13.1 9.4 14.0



#38

Carbon Tetrachloride

Concen: 49.540 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VN086750.D

Acq: 22 May 2025 08:21

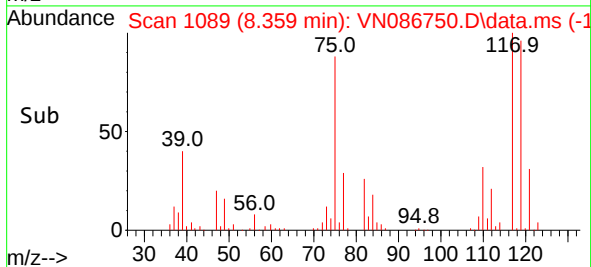
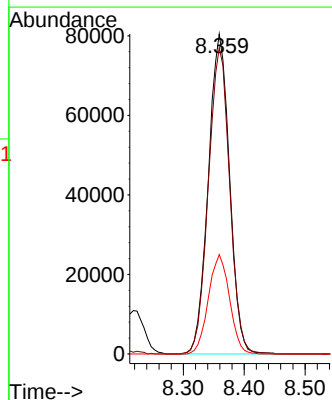
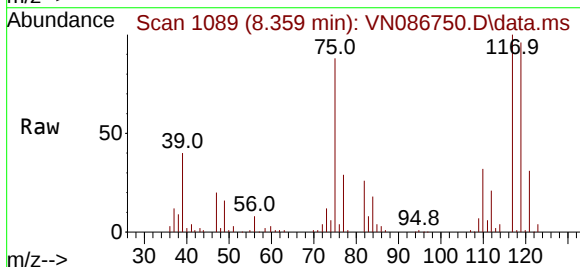
Tgt Ion: 117 Resp: 194806

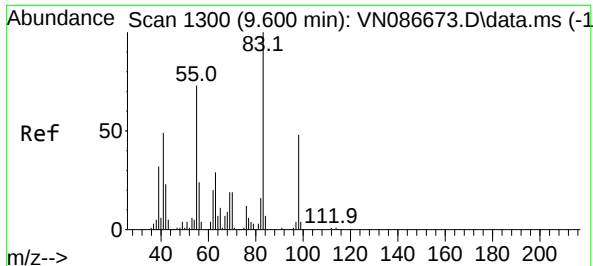
Ion Ratio Lower Upper

117 100

119 95.7 77.0 115.6

121 31.0 25.0 37.6





#39

Methylcyclohexane

Concen: 51.110 ug/l

RT: 9.594 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VN086750.D

Acq: 22 May 2025 08:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

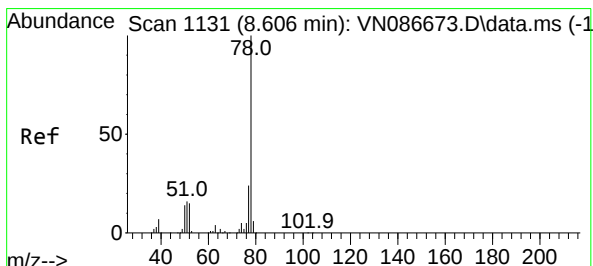
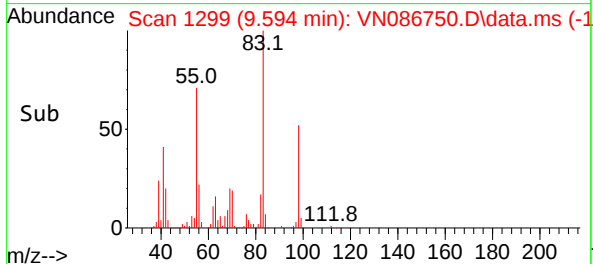
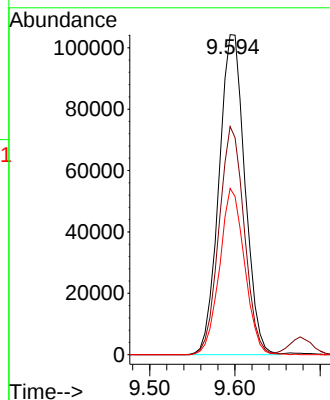
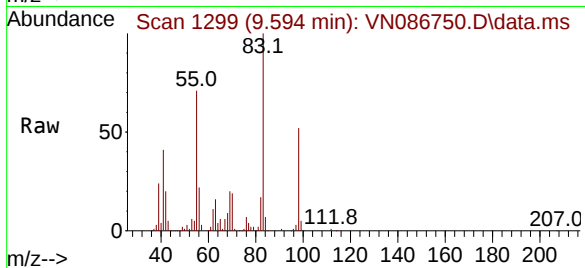
Tgt Ion: 83 Resp: 220772

Ion Ratio Lower Upper

83 100

55 71.3 58.2 87.4

98 52.0 38.4 57.6



#40

Benzene

Concen: 47.415 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN086750.D

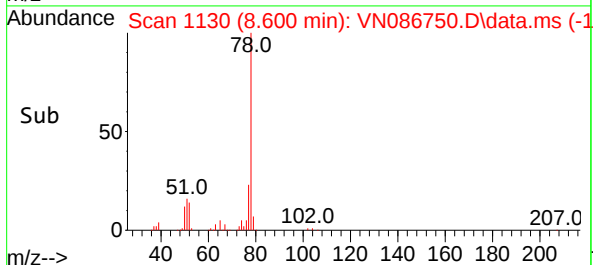
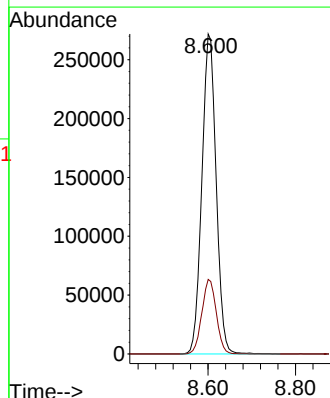
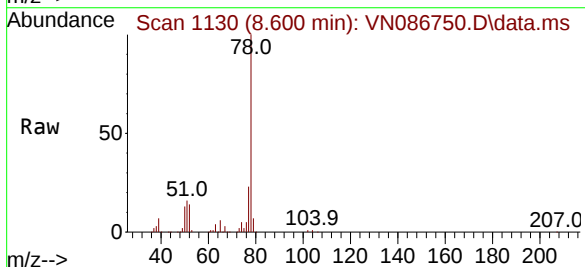
Acq: 22 May 2025 08:21

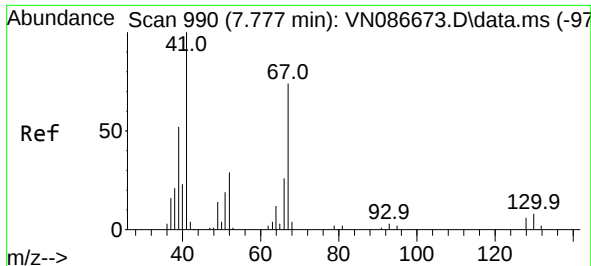
Tgt Ion: 78 Resp: 617321

Ion Ratio Lower Upper

78 100

77 23.3 19.1 28.7

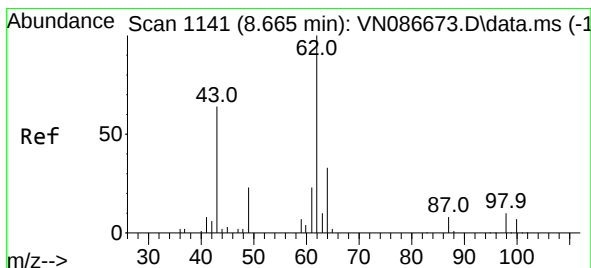
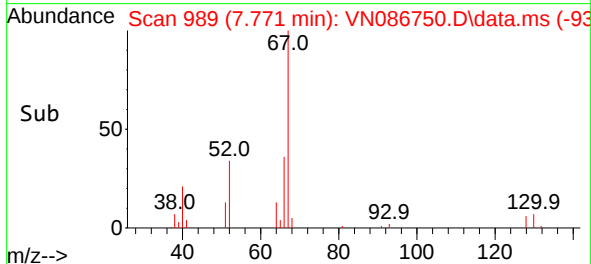
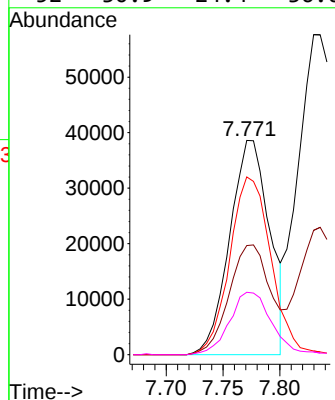
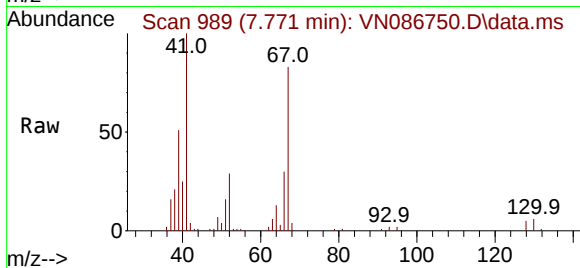




#41
Methacrylonitrile
Concen: 43.393 ug/l
RT: 7.771 min Scan# 990
Delta R.T. -0.006 min
Lab File: VN086750.D
Acq: 22 May 2025 08:21

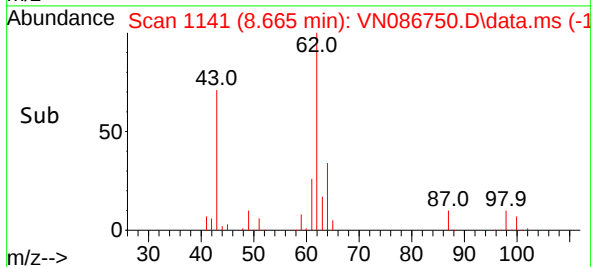
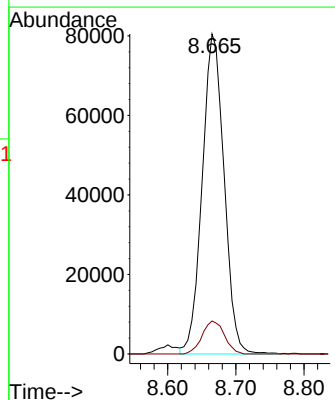
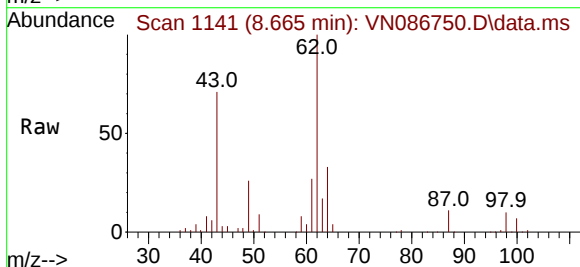
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

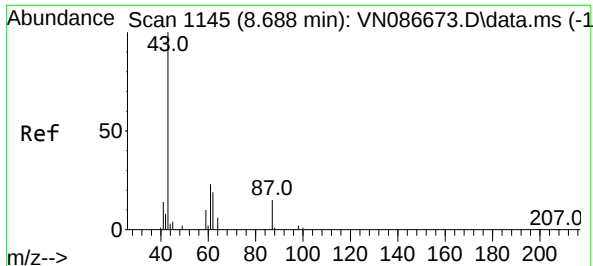
Tgt Ion:	41	Resp:	94456
Ion	Ratio	Lower	Upper
41	100		
39	52.4	44.9	67.3
67	86.0	63.4	95.0
52	30.9	24.4	36.6



#42
1,2-Dichloroethane
Concen: 44.331 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086750.D
Acq: 22 May 2025 08:21

Tgt Ion:	62	Resp:	179813
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	19.2

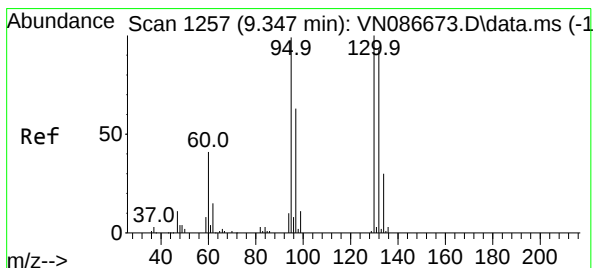
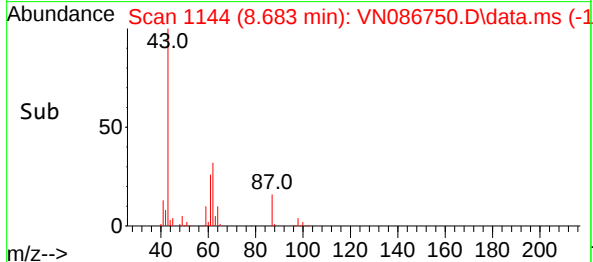
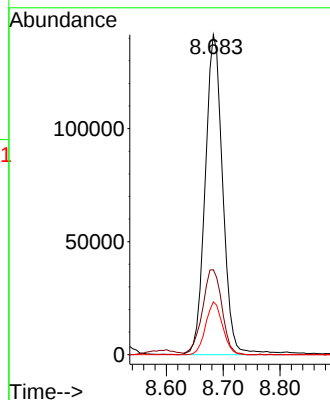
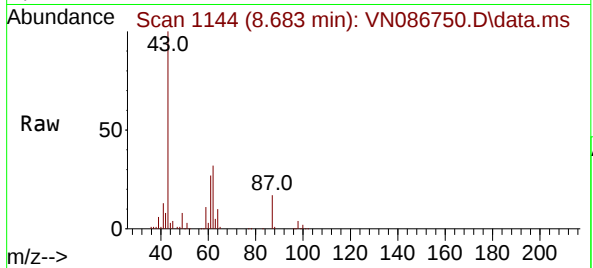




#43
Isopropyl Acetate
Concen: 37.572 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN086750.D
Acq: 22 May 2025 08:21

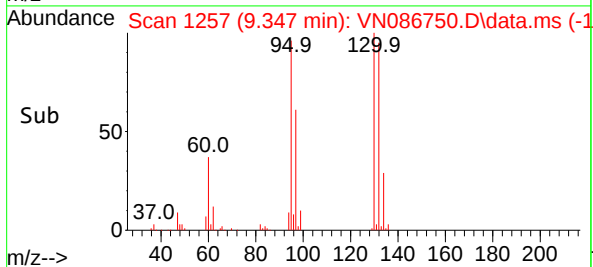
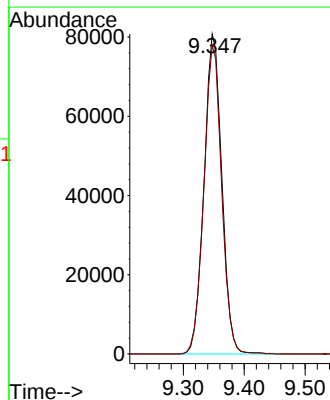
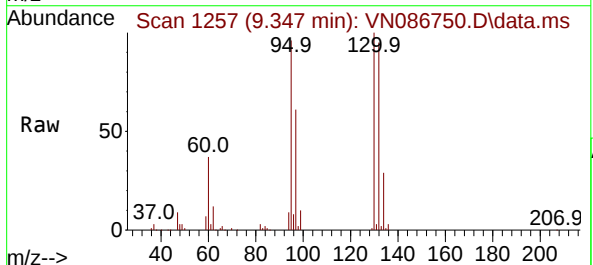
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 303653
Ion Ratio Lower Upper
43 100
61 29.6 21.4 32.2
87 15.9 11.1 16.7



#44
Trichloroethene
Concen: 52.126 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086750.D
Acq: 22 May 2025 08:21

Tgt Ion:130 Resp: 163686
Ion Ratio Lower Upper
130 100
95 96.5 0.0 197.0





#45

1,2-Dichloropropane

Concen: 46.838 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086750.D

Acq: 22 May 2025 08:21

Instrument :

MSVOA_N

ClientSampleId :

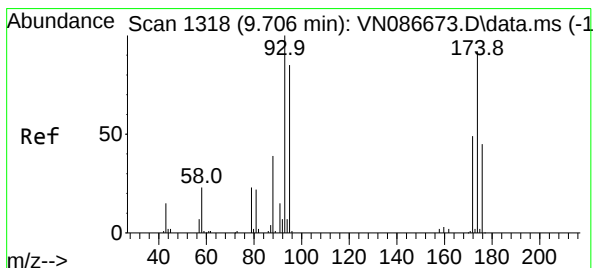
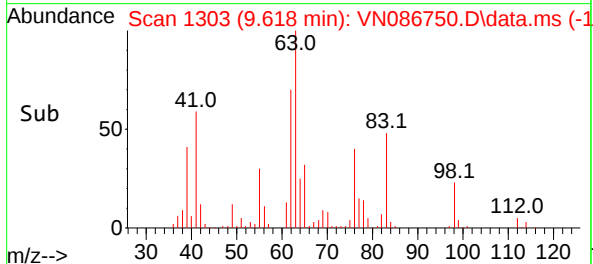
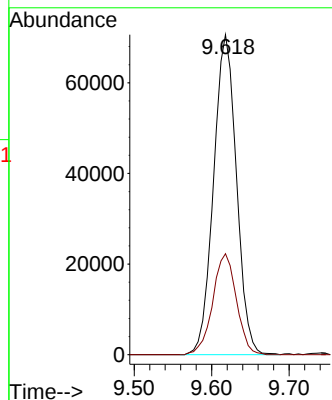
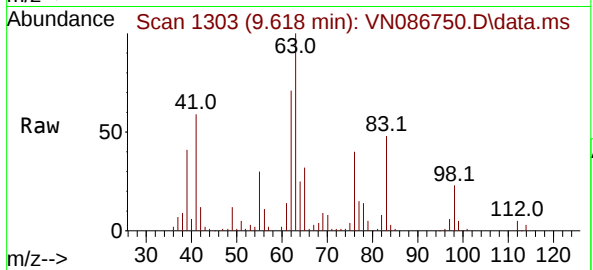
VSTDCCC050

Tgt Ion: 63 Resp: 144864

Ion Ratio Lower Upper

63 100

65 31.6 25.8 38.6



#46

Dibromomethane

Concen: 47.460 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086750.D

Acq: 22 May 2025 08:21

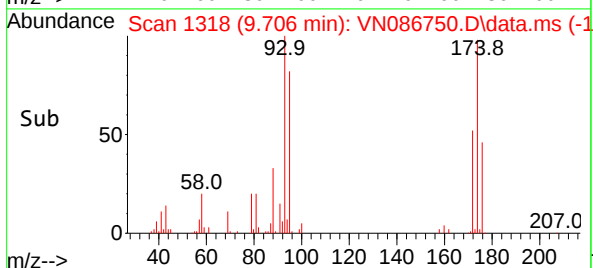
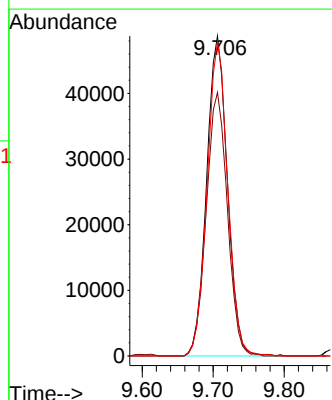
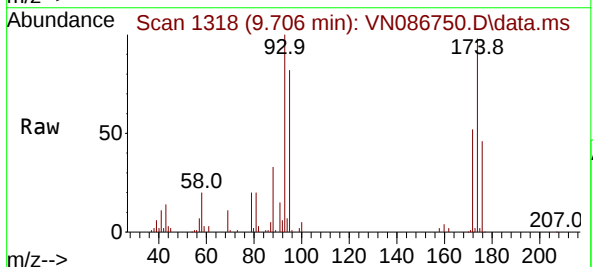
Tgt Ion: 93 Resp: 99046

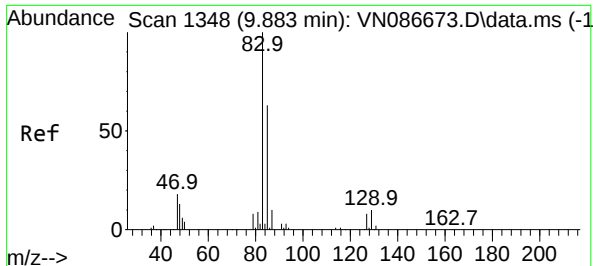
Ion Ratio Lower Upper

93 100

95 83.9 67.1 100.7

174 97.6 73.8 110.6

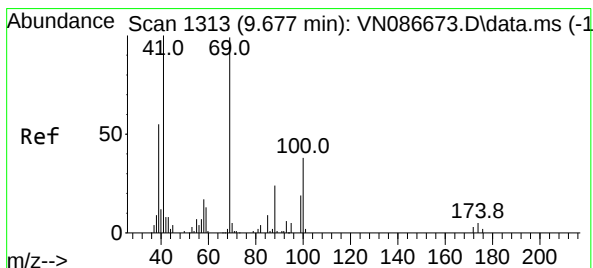
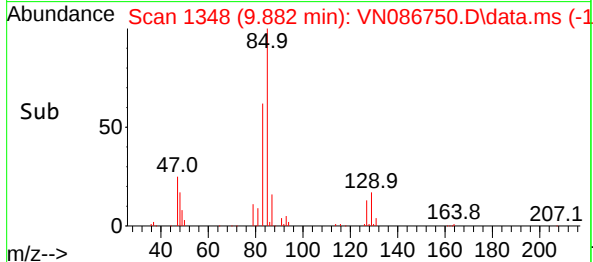
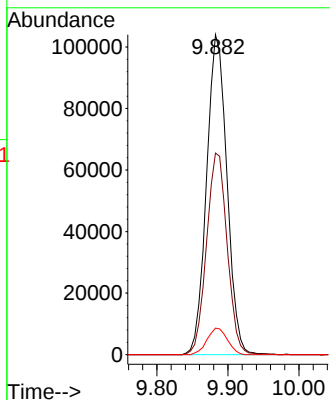
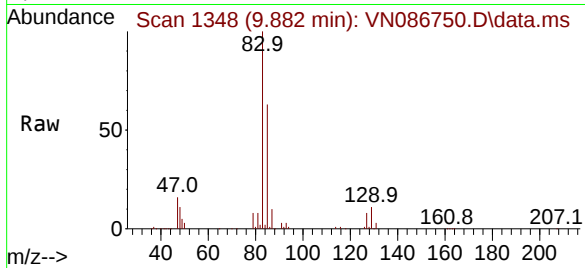




#47
Bromodichloromethane
Concen: 48.219 ug/l
RT: 9.882 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086750.D
Acq: 22 May 2025 08:21

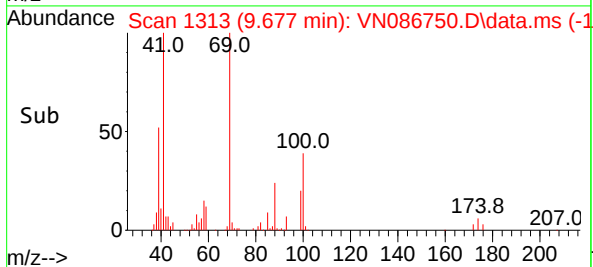
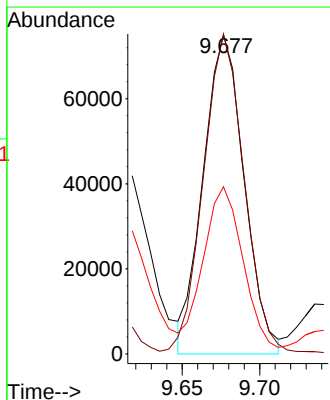
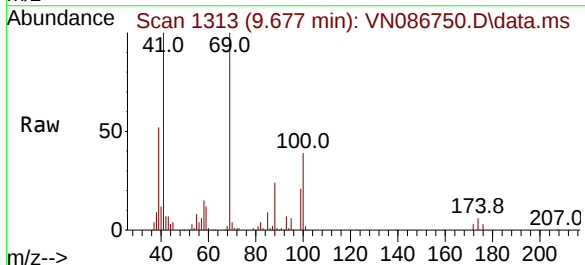
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

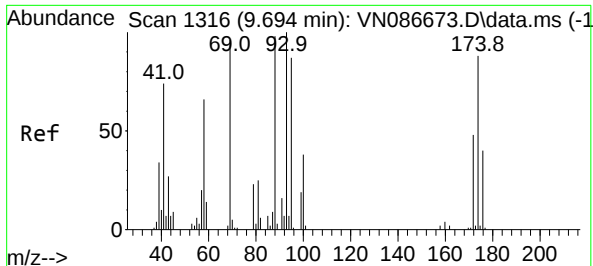
Tgt Ion: 83 Resp: 207343
Ion Ratio Lower Upper
83 100
85 63.0 50.1 75.1
127 8.3 6.2 9.4



#48
Methyl methacrylate
Concen: 44.012 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086750.D
Acq: 22 May 2025 08:21

Tgt Ion: 41 Resp: 137836
Ion Ratio Lower Upper
41 100
69 100.6 74.1 111.1
39 51.9 44.1 66.1





#49

1,4-Dioxane

Concen: 941.089 ug/l

RT: 9.688 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN086750.D

Acq: 22 May 2025 08:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

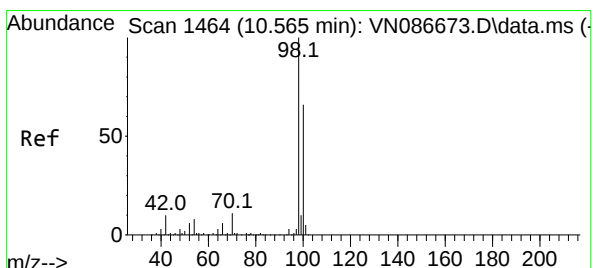
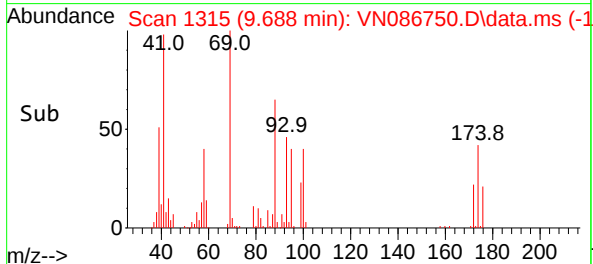
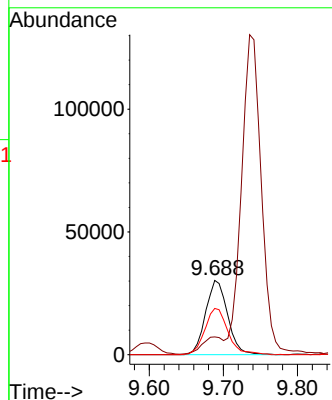
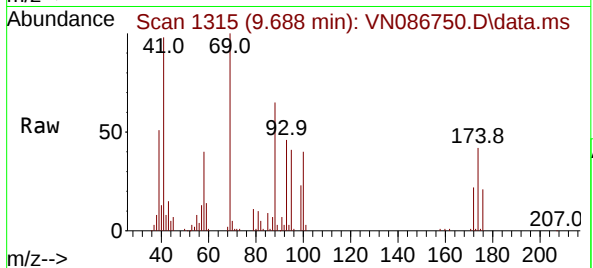
Tgt Ion: 88 Resp: 62408

Ion Ratio Lower Upper

88 100

43 22.3 23.6 35.4#

58 65.5 55.3 82.9



#50

Toluene-d8

Concen: 48.096 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086750.D

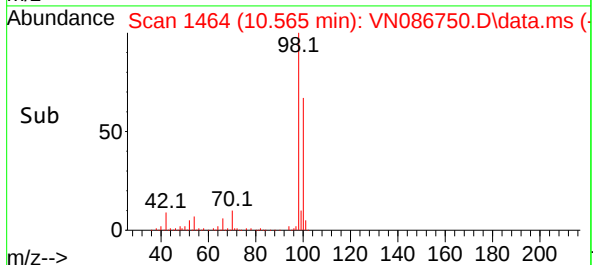
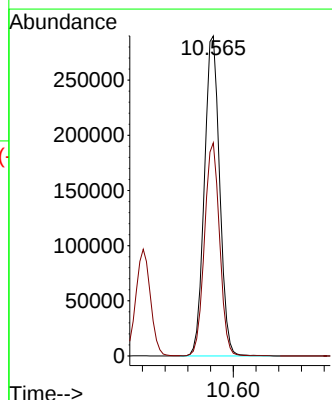
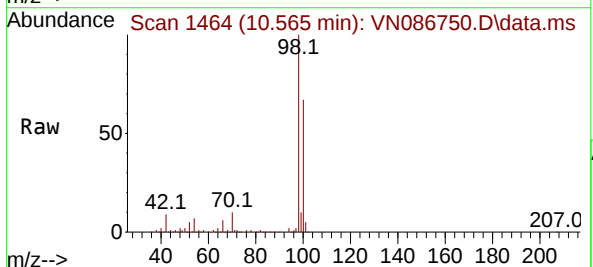
Acq: 22 May 2025 08:21

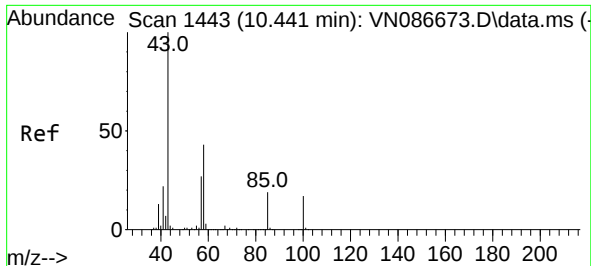
Tgt Ion: 98 Resp: 539281

Ion Ratio Lower Upper

98 100

100 66.1 52.9 79.3

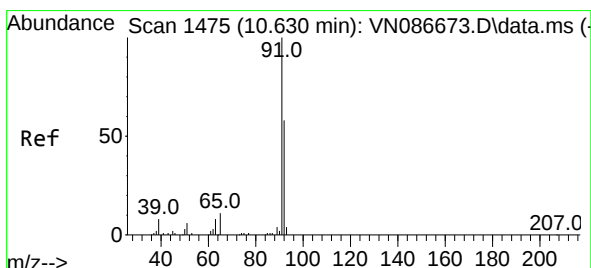
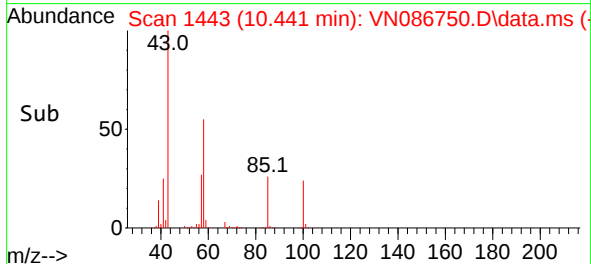
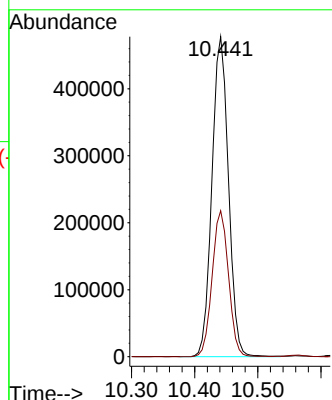
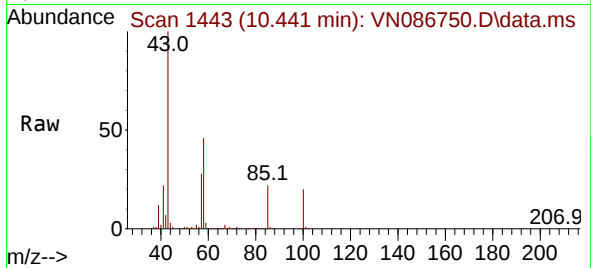




#51
4-Methyl-2-Pentanone
Concen: 212.844 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086750.D
Acq: 22 May 2025 08:21

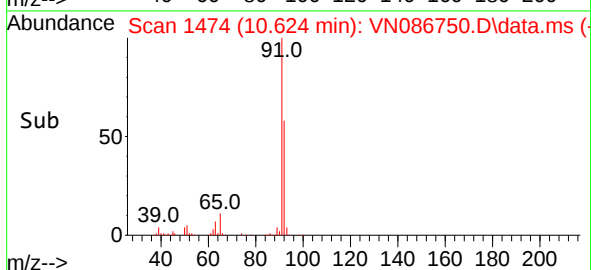
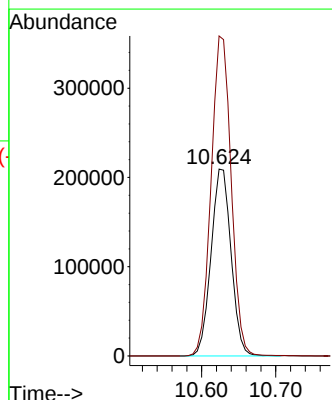
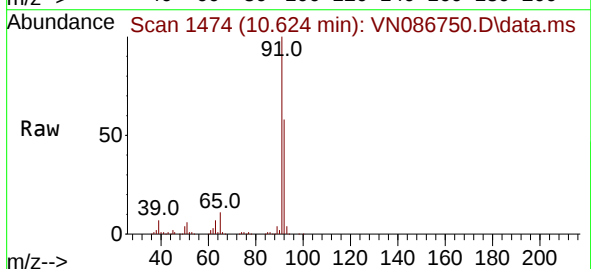
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

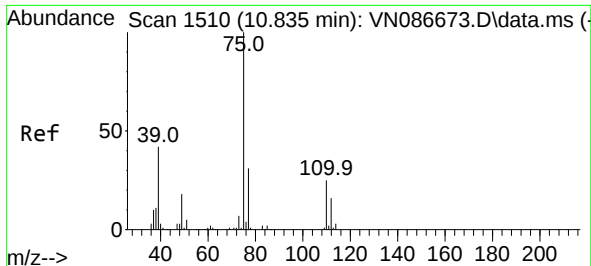
Tgt Ion: 43 Resp: 867486
Ion Ratio Lower Upper
43 100
58 45.3 33.9 50.9



#52
Toluene
Concen: 48.596 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN086750.D
Acq: 22 May 2025 08:21

Tgt Ion: 92 Resp: 393237
Ion Ratio Lower Upper
92 100
91 171.6 137.8 206.8

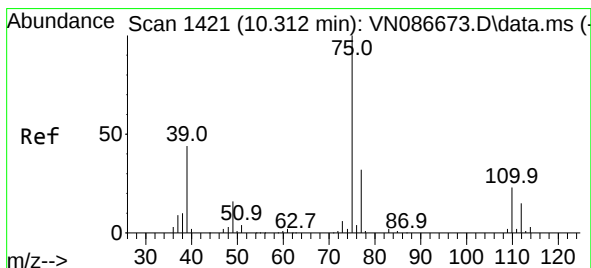
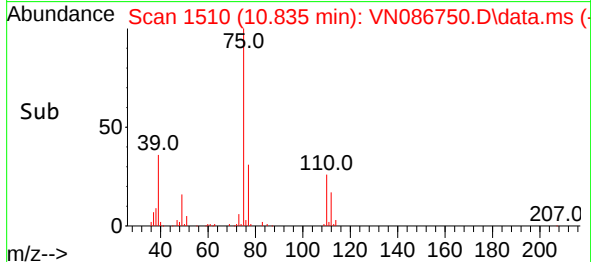
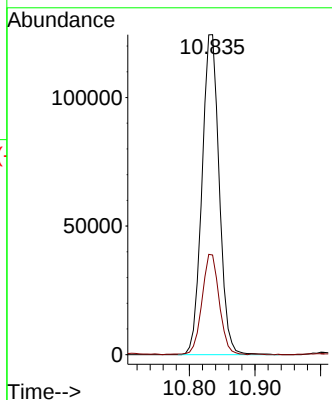
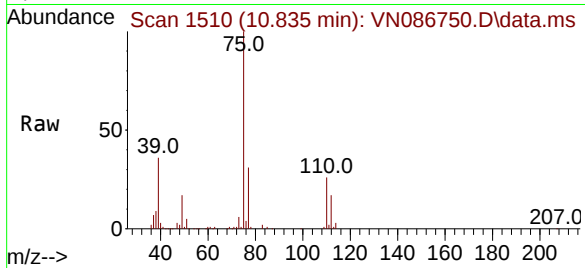




#53
t-1,3-Dichloropropene
Concen: 50.055 ug/l
RT: 10.835 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086750.D
Acq: 22 May 2025 08:21

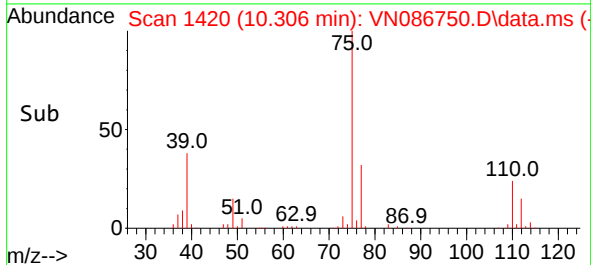
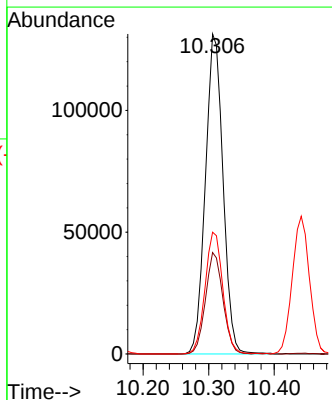
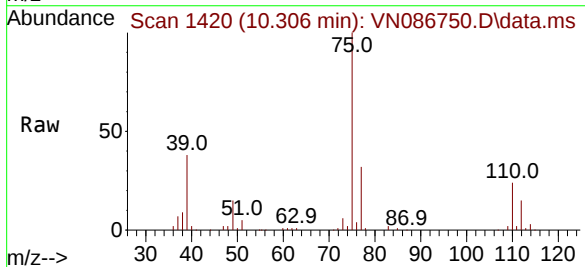
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

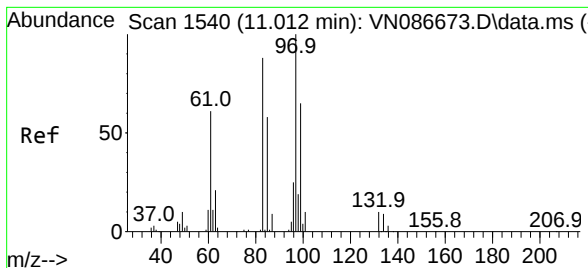
Tgt Ion: 75 Resp: 227886
Ion Ratio Lower Upper
75 100
77 31.0 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 49.478 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.006 min
Lab File: VN086750.D
Acq: 22 May 2025 08:21

Tgt Ion: 75 Resp: 245896
Ion Ratio Lower Upper
75 100
77 31.7 25.3 37.9
39 38.0 35.2 52.8

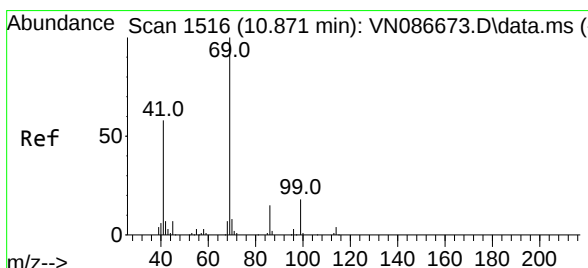
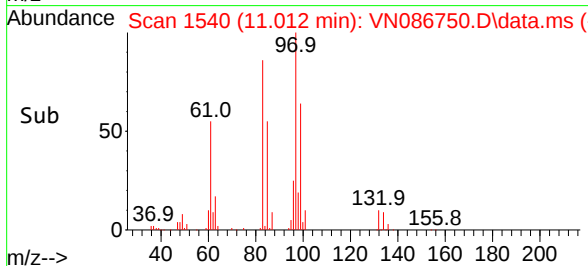
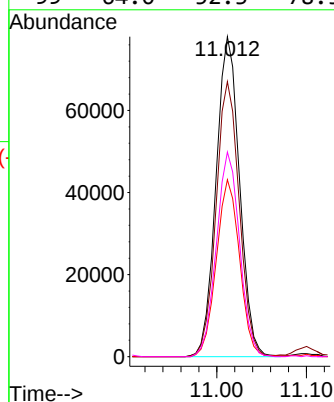
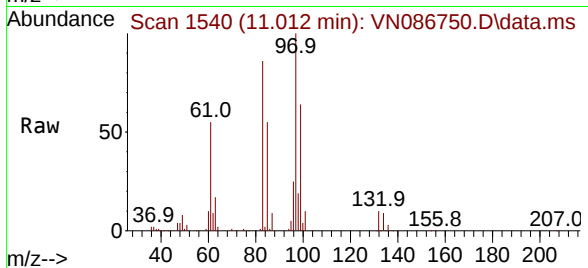




#55
1,1,2-Trichloroethane
Concen: 47.031 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086750.D
Acq: 22 May 2025 08:21

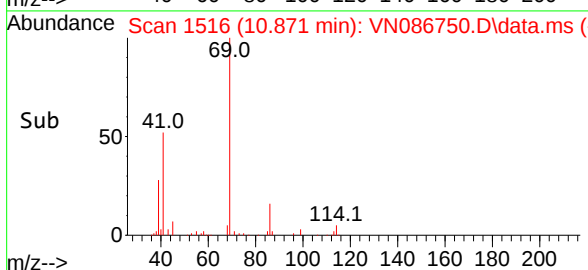
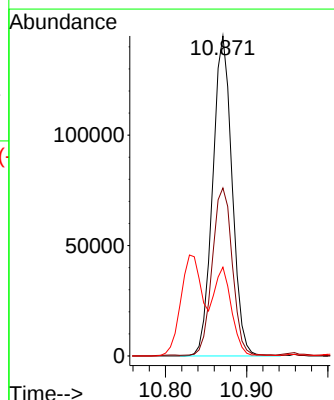
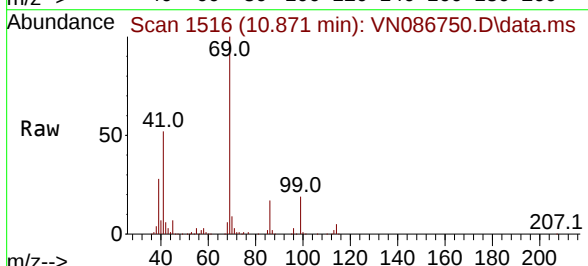
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

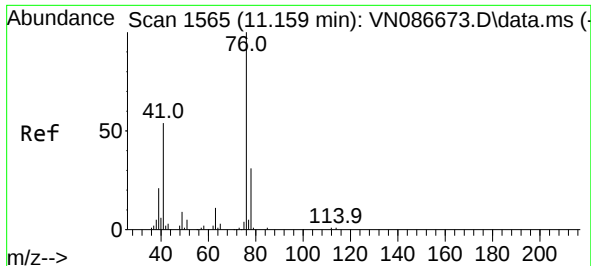
Tgt Ion:	97	Resp:	141966
Ion	Ratio	Lower	Upper
97	100		
83	85.9	70.4	105.6
85	55.3	46.1	69.1
99	64.0	52.3	78.5



#56
Ethyl methacrylate
Concen: 49.651 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086750.D
Acq: 22 May 2025 08:21

Tgt Ion:	69	Resp:	240637
Ion	Ratio	Lower	Upper
69	100		
41	53.9	47.4	71.0
39	24.9	24.0	36.0





#57

1,3-Dichloropropane

Concen: 47.088 ug/l

RT: 11.159 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086750.D

Acq: 22 May 2025 08:21

Instrument :

MSVOA_N

ClientSampleId :

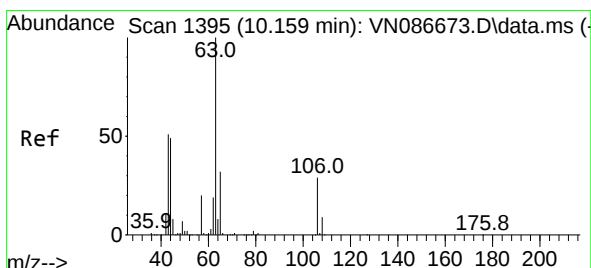
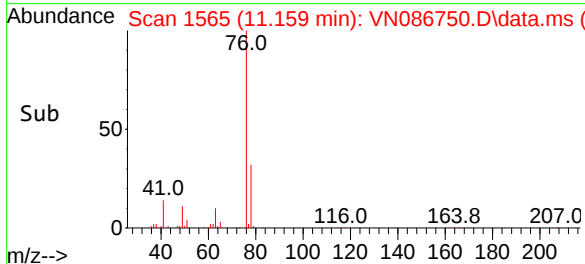
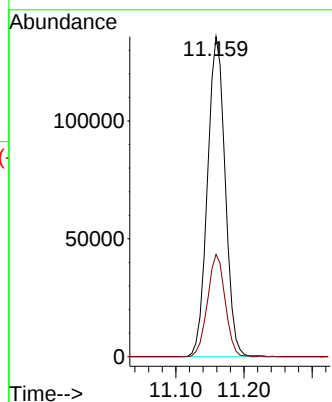
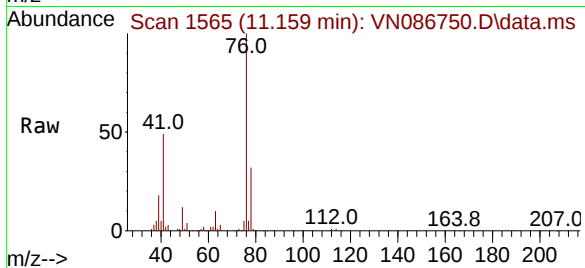
VSTDCCC050

Tgt Ion: 76 Resp: 244868

Ion Ratio Lower Upper

76 100

78 31.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 250.294 ug/l

RT: 10.153 min Scan# 1394

Delta R.T. -0.006 min

Lab File: VN086750.D

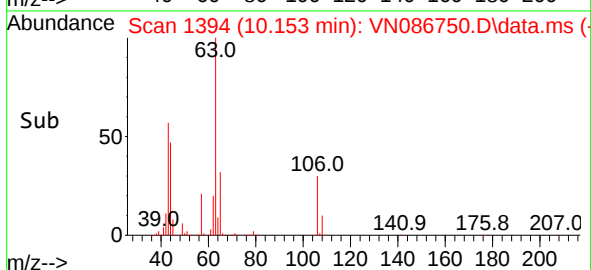
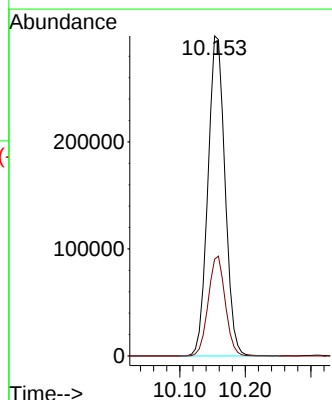
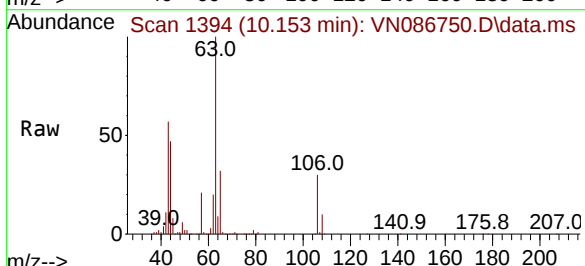
Acq: 22 May 2025 08:21

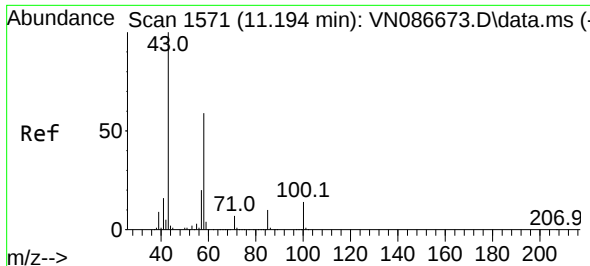
Tgt Ion: 63 Resp: 542149

Ion Ratio Lower Upper

63 100

106 31.0 23.1 34.7

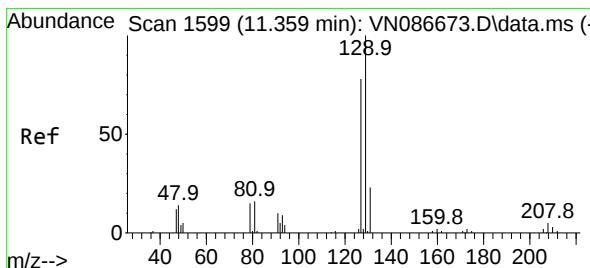
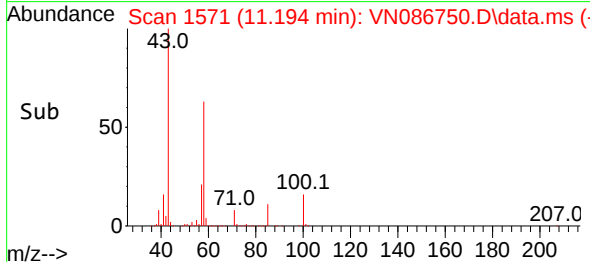
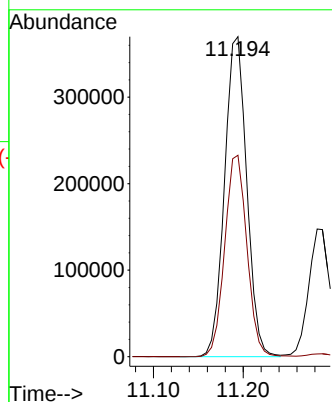
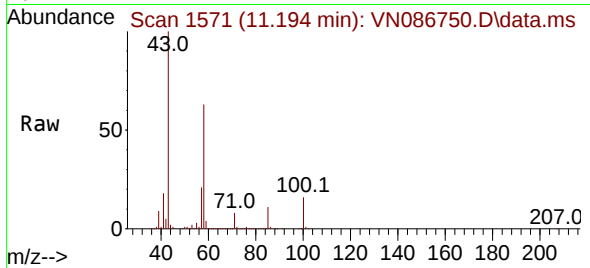




#59
2-Hexanone
Concen: 213.518 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086750.D
Acq: 22 May 2025 08:21

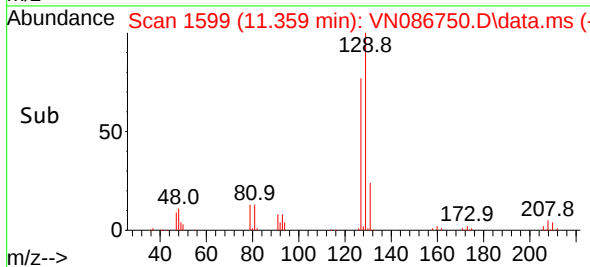
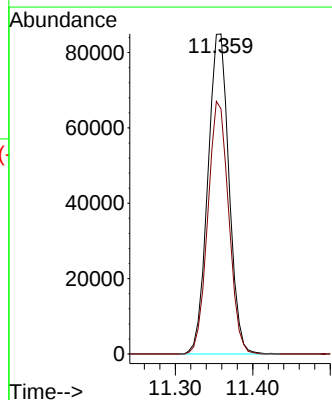
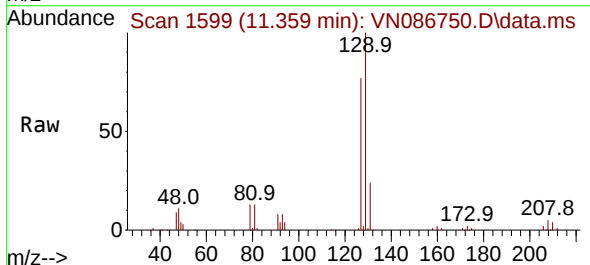
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

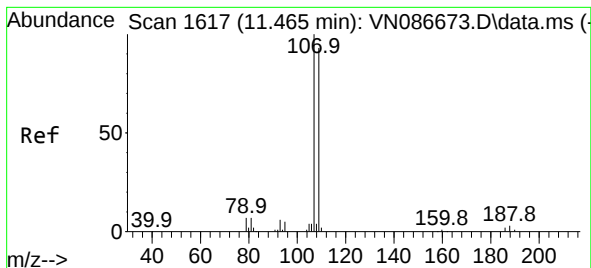
Tgt Ion: 43 Resp: 635492
Ion Ratio Lower Upper
43 100
58 63.0 29.8 89.5



#60
Dibromochloromethane
Concen: 50.840 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086750.D
Acq: 22 May 2025 08:21

Tgt Ion:129 Resp: 160829
Ion Ratio Lower Upper
129 100
127 77.9 39.5 118.3

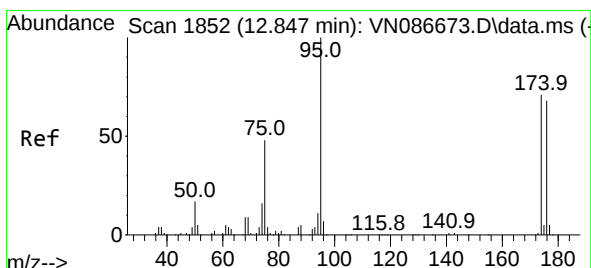
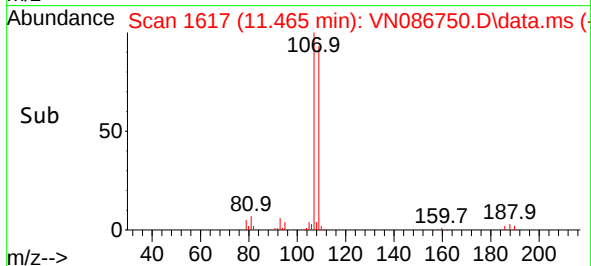
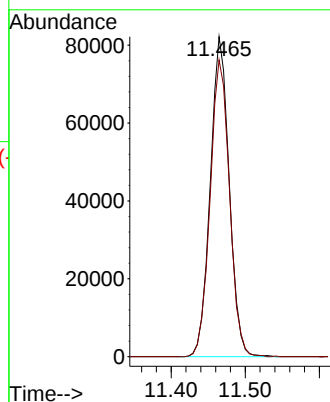
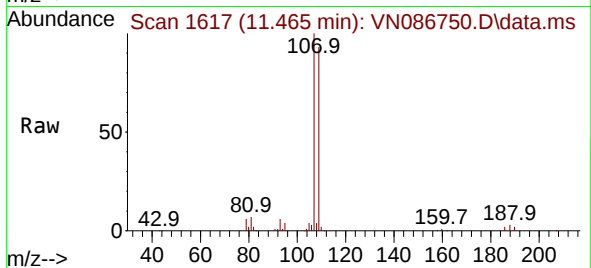




#61
1,2-Dibromoethane
Concen: 47.986 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086750.D
Acq: 22 May 2025 08:21

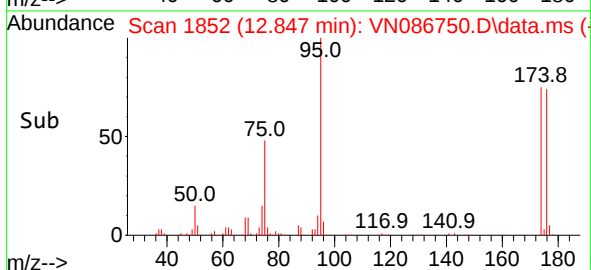
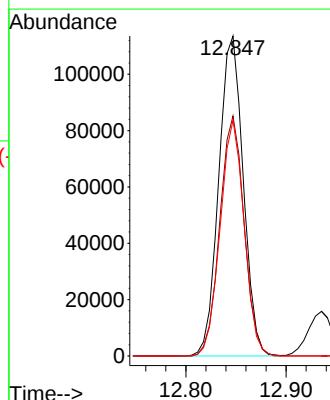
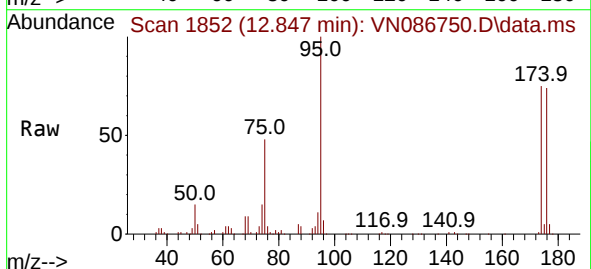
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

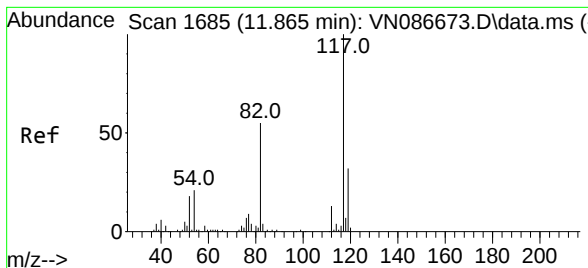
Tgt Ion:107 Resp: 145555
Ion Ratio Lower Upper
107 100
109 95.0 75.0 112.4



#62
4-Bromofluorobenzene
Concen: 48.566 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086750.D
Acq: 22 May 2025 08:21

Tgt Ion: 95 Resp: 192277
Ion Ratio Lower Upper
95 100
174 74.4 0.0 145.4
176 72.0 0.0 137.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086750.D

Acq: 22 May 2025 08:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

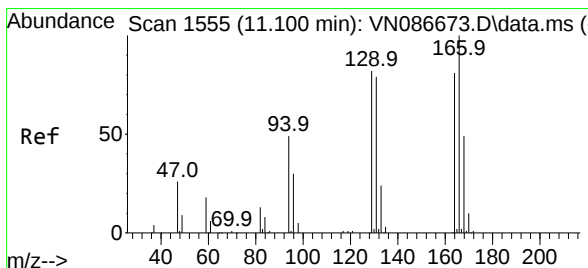
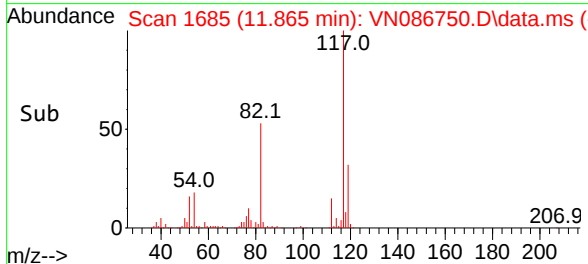
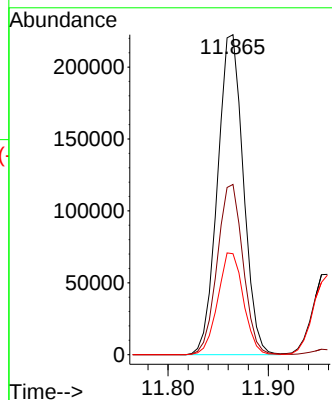
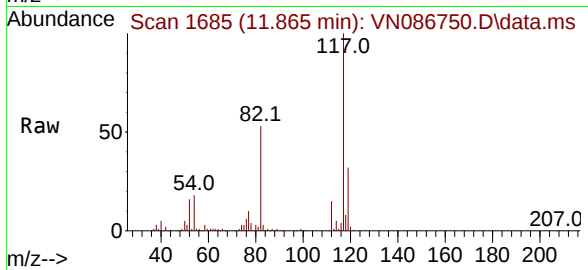
Tgt Ion:117 Resp: 397309

Ion Ratio Lower Upper

117 100

82 53.2 44.2 66.2

119 31.6 25.4 38.2



#64

Tetrachloroethene

Concen: 54.764 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VN086750.D

Acq: 22 May 2025 08:21

Tgt Ion:164 Resp: 166680

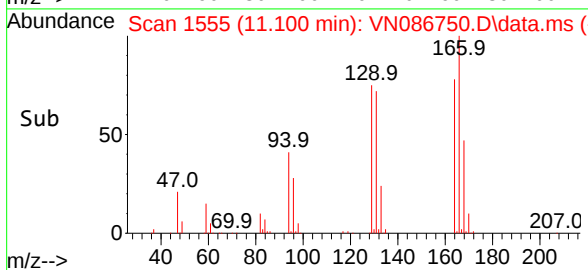
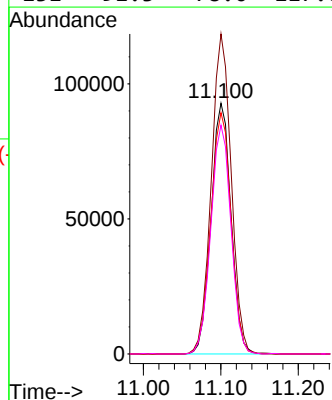
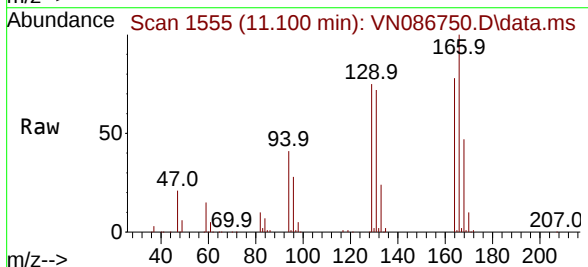
Ion Ratio Lower Upper

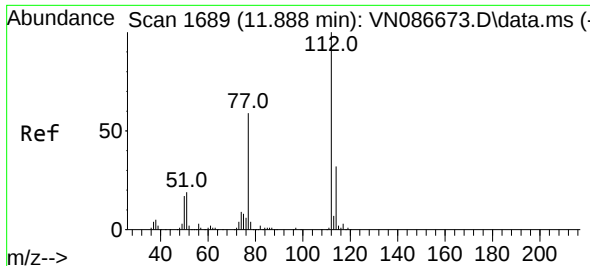
164 100

166 127.7 98.2 147.4

129 96.3 81.0 121.4

131 91.3 78.0 117.0

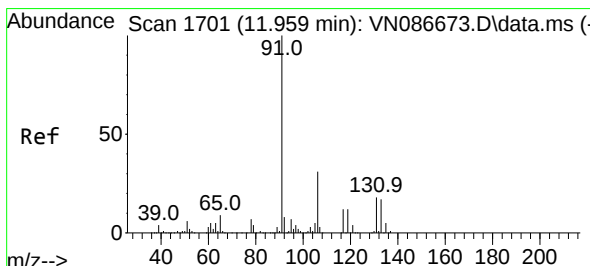
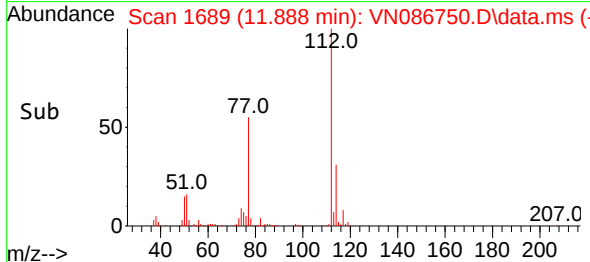
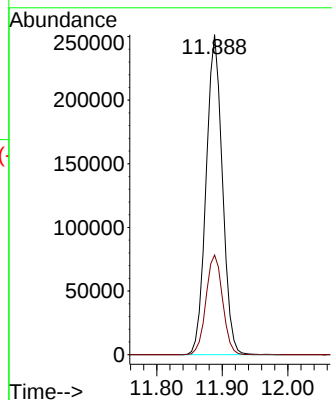
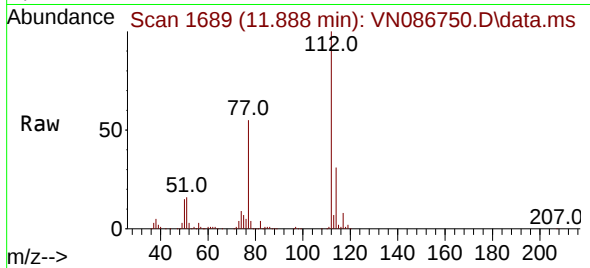




#65
Chlorobenzene
Concen: 49.845 ug/l
RT: 11.888 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086750.D
Acq: 22 May 2025 08:21

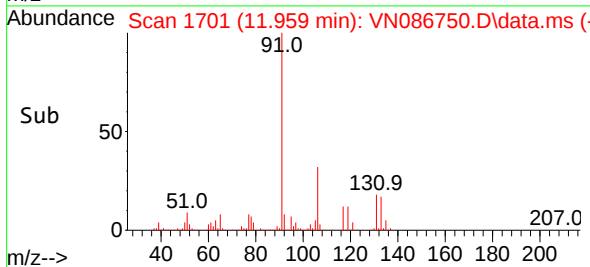
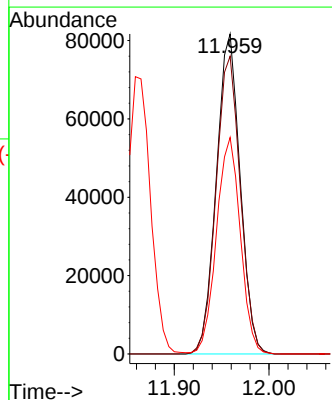
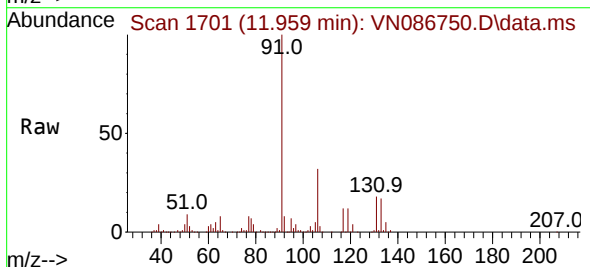
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

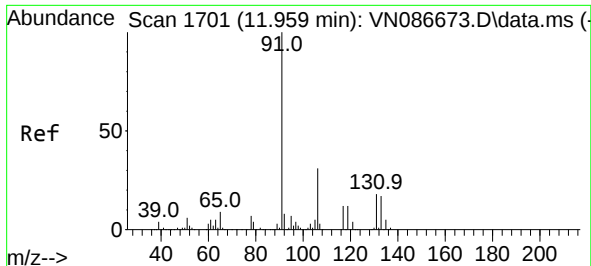
Tgt Ion:112 Resp: 434264
Ion Ratio Lower Upper
112 100
114 31.1 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 50.782 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086750.D
Acq: 22 May 2025 08:21

Tgt Ion:131 Resp: 142827
Ion Ratio Lower Upper
131 100
133 95.1 47.9 143.7
119 68.0 33.6 100.8





#67

Ethyl Benzene

Concen: 49.578 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VN086750.D

Acq: 22 May 2025 08:21

Instrument :

MSVOA_N

ClientSampleId :

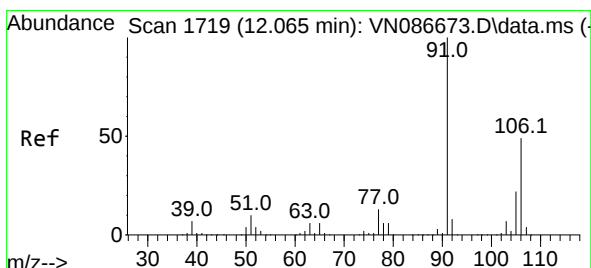
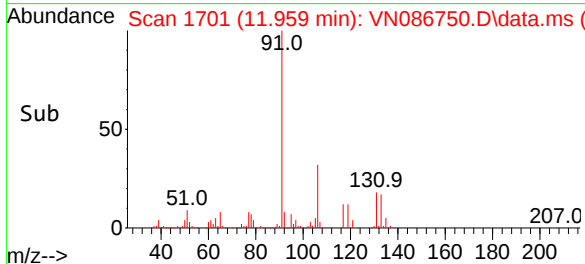
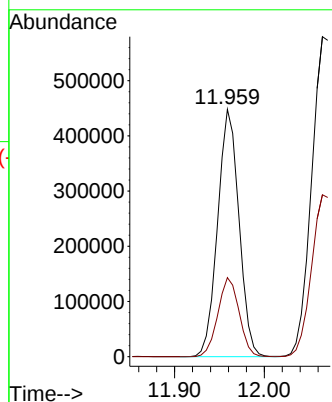
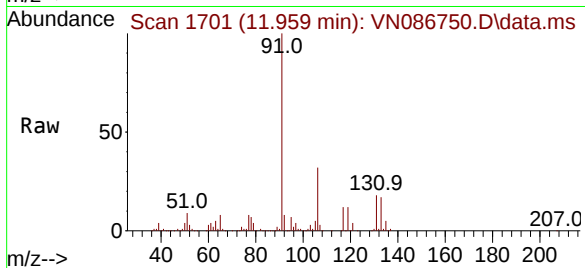
VSTDCCC050

Tgt Ion: 91 Resp: 739840

Ion Ratio Lower Upper

91 100

106 31.9 24.6 36.8



#68

m/p-Xylenes

Concen: 103.375 ug/l

RT: 12.065 min Scan# 1719

Delta R.T. -0.000 min

Lab File: VN086750.D

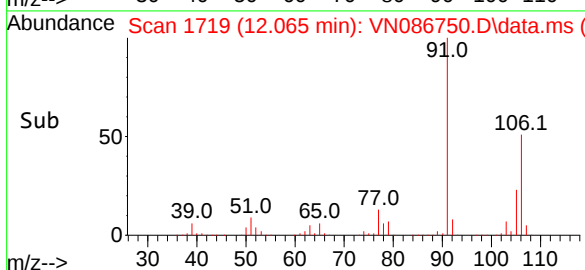
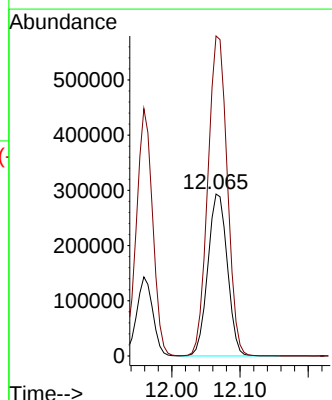
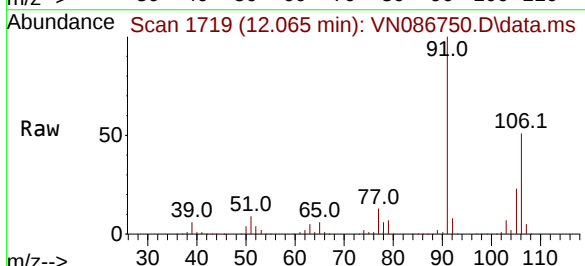
Acq: 22 May 2025 08:21

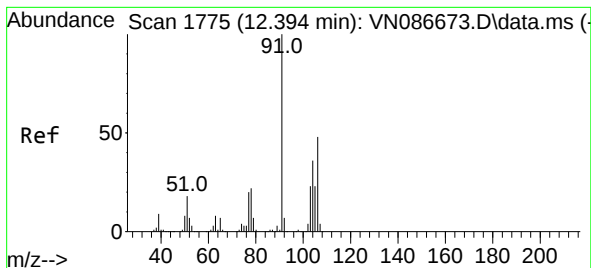
Tgt Ion:106 Resp: 584293

Ion Ratio Lower Upper

106 100

91 196.6 162.4 243.6





#69

o-Xylene

Concen: 50.553 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN086750.D

Acq: 22 May 2025 08:21

Instrument :

MSVOA_N

ClientSampleId :

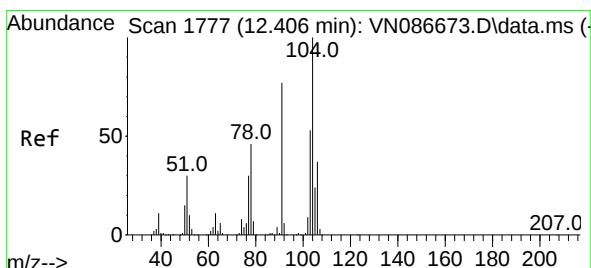
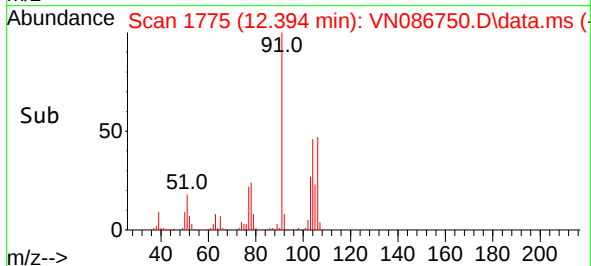
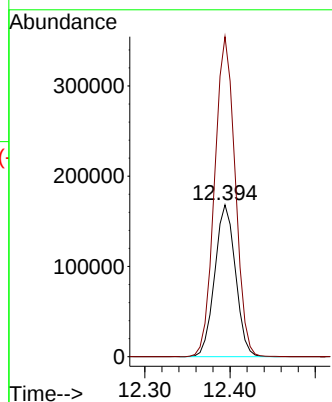
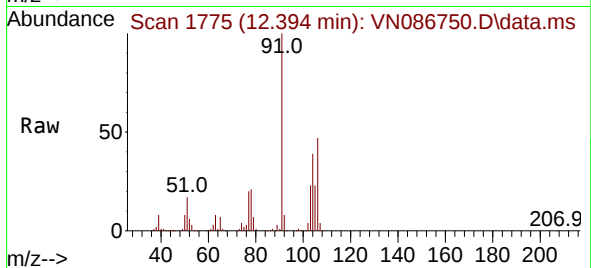
VSTDCCC050

Tgt Ion:106 Resp: 284069

Ion Ratio Lower Upper

106 100

91 209.7 105.1 315.1



#70

Styrene

Concen: 51.964 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VN086750.D

Acq: 22 May 2025 08:21

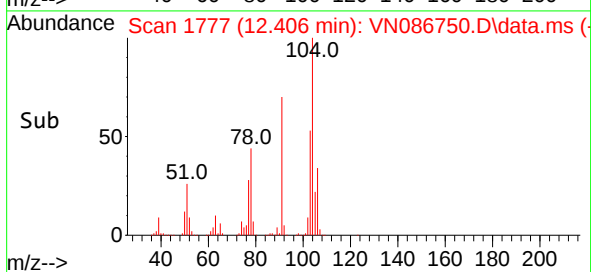
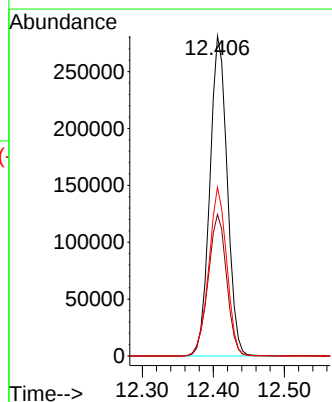
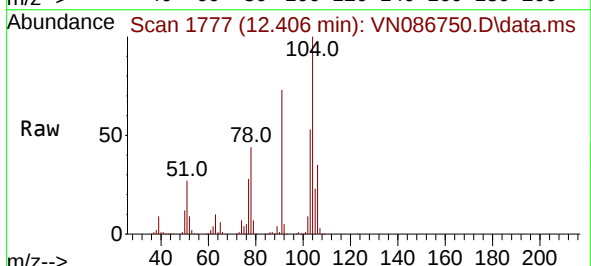
Tgt Ion:104 Resp: 478067

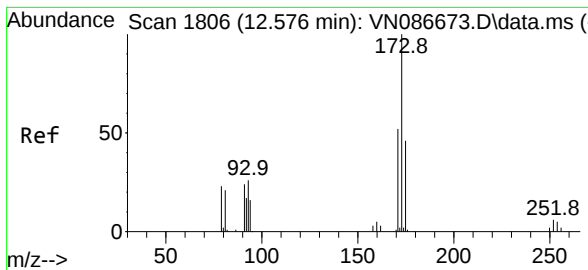
Ion Ratio Lower Upper

104 100

78 47.1 39.0 58.6

103 54.4 43.8 65.8

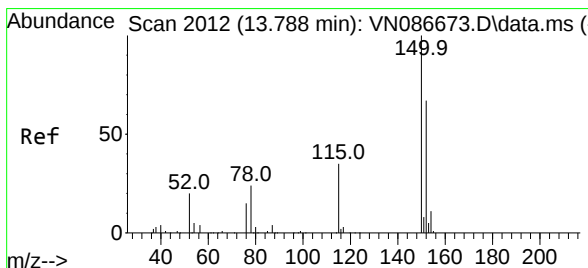
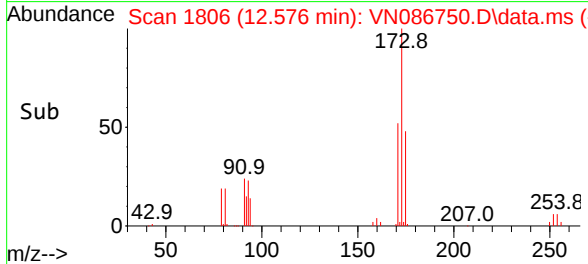
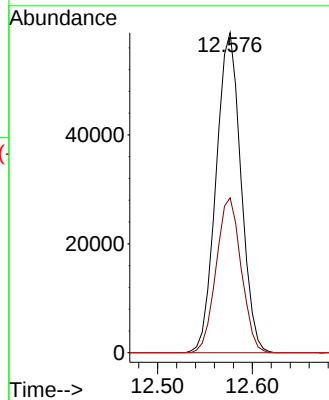
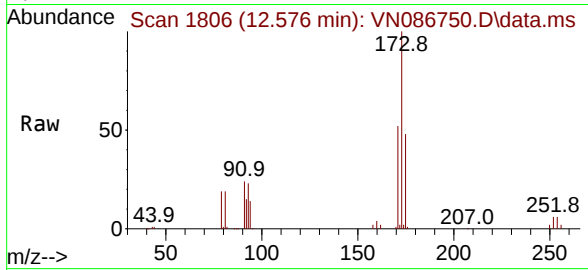




#71
Bromoform
Concen: 53.558 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086750.D
Acq: 22 May 2025 08:21

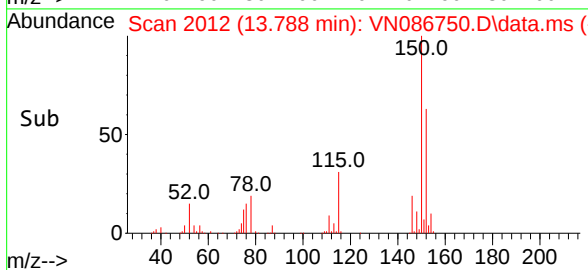
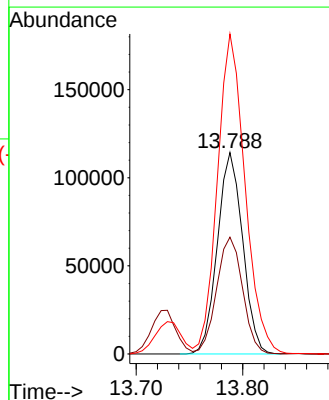
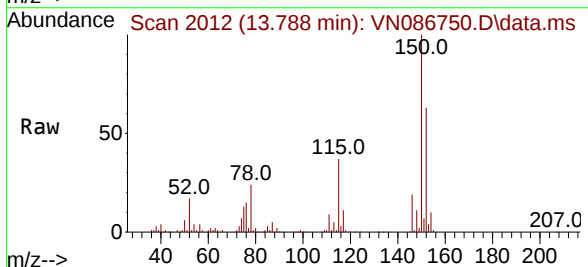
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

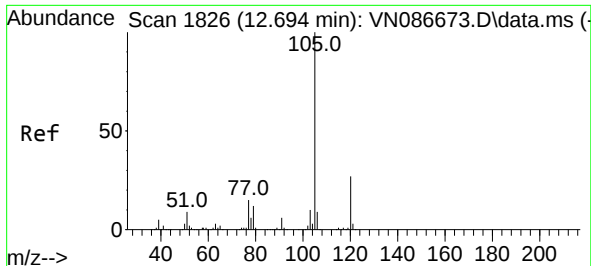
Tgt Ion:173 Resp: 107128
Ion Ratio Lower Upper
173 100
175 48.7 23.4 70.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086750.D
Acq: 22 May 2025 08:21

Tgt Ion:152 Resp: 188336
Ion Ratio Lower Upper
152 100
115 59.6 30.0 90.1
150 173.6 0.0 347.8

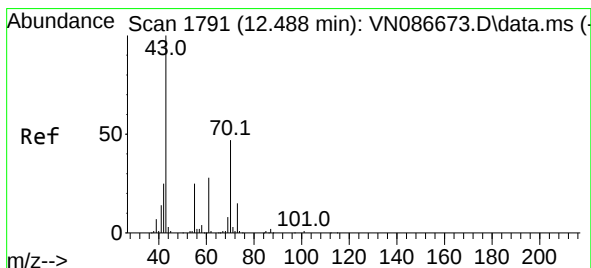
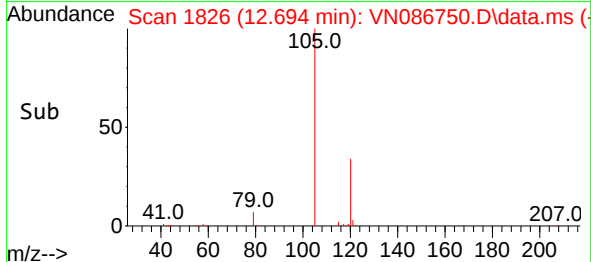
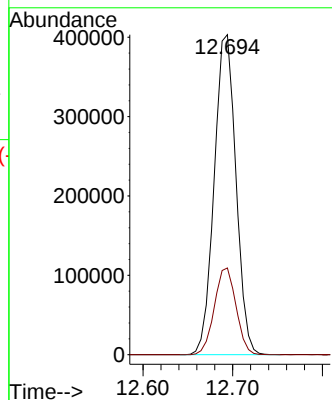
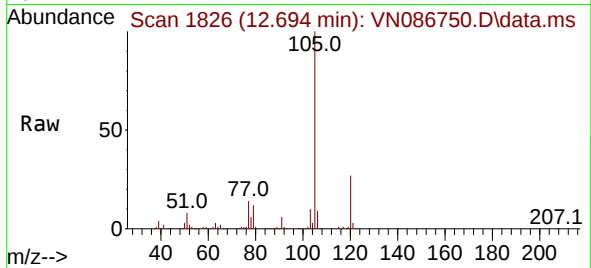




#73
Isopropylbenzene
Concen: 46.666 ug/l
RT: 12.694 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086750.D
Acq: 22 May 2025 08:21

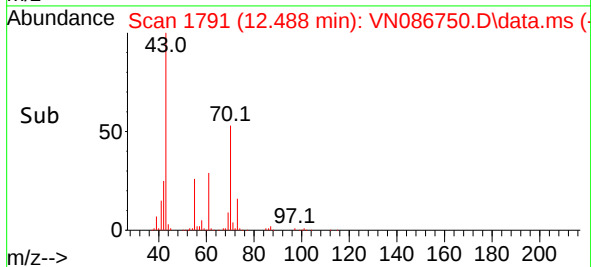
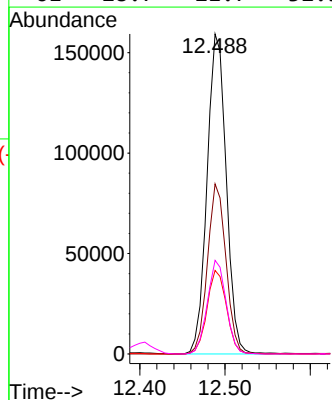
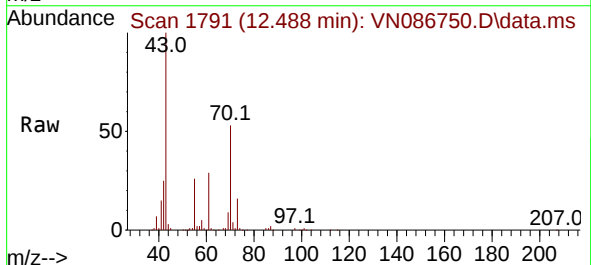
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

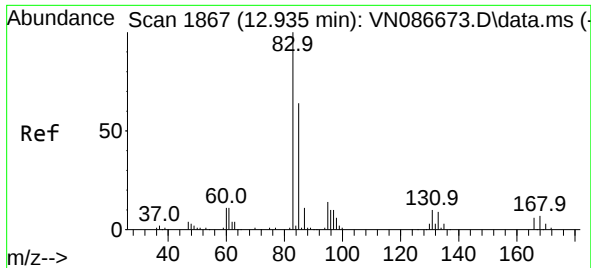
Tgt Ion:105 Resp: 678798
Ion Ratio Lower Upper
105 100
120 27.0 13.4 40.1



#74
N-ethyl acetate
Concen: 40.985 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VN086750.D
Acq: 22 May 2025 08:21

Tgt Ion: 43 Resp: 249083
Ion Ratio Lower Upper
43 100
70 51.1 37.9 56.9
55 26.5 20.5 30.7
61 28.7 21.7 32.5

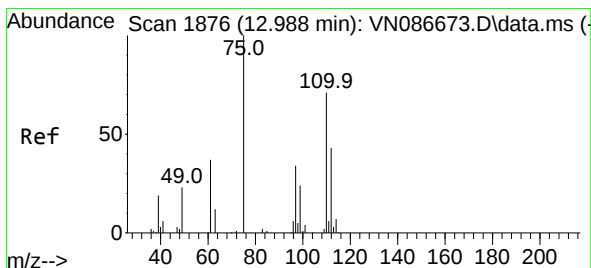
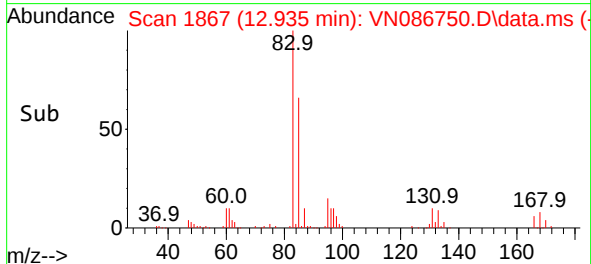
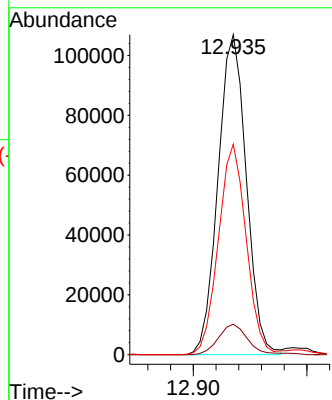
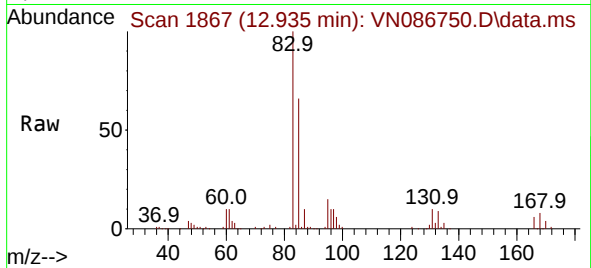




#75
1,1,2,2-Tetrachloroethane
Concen: 41.463 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086750.D
Acq: 22 May 2025 08:21

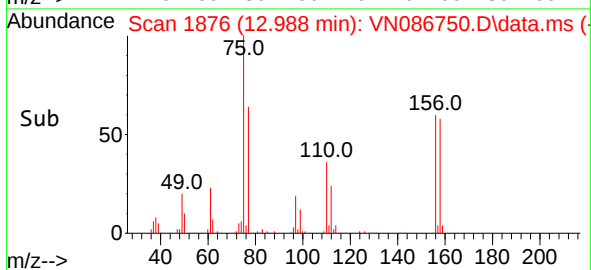
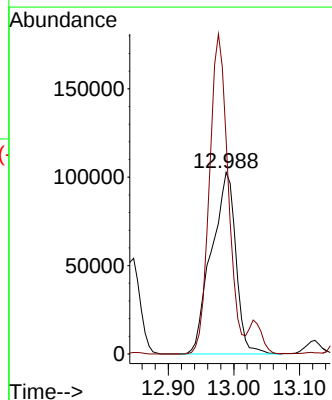
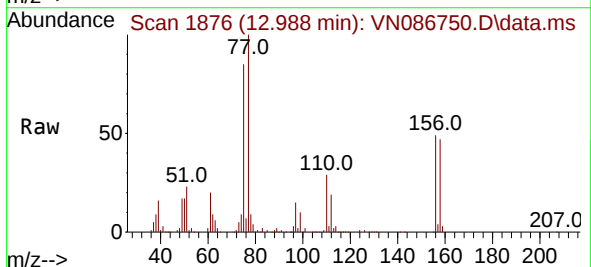
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

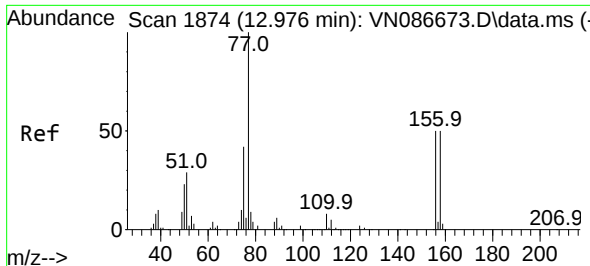
Tgt Ion: 83 Resp: 185291
Ion Ratio Lower Upper
83 100
131 10.0 5.0 15.0
85 64.6 32.4 97.2



#76
1,2,3-Trichloropropane
Concen: 62.295 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN086750.D
Acq: 22 May 2025 08:21

Tgt Ion: 75 Resp: 265337
Ion Ratio Lower Upper
75 100
77 135.4 96.0 288.1

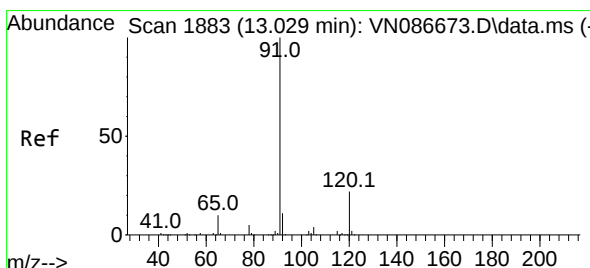
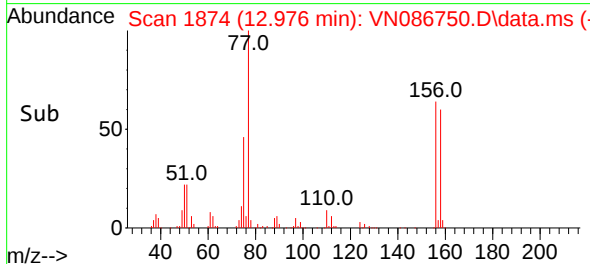
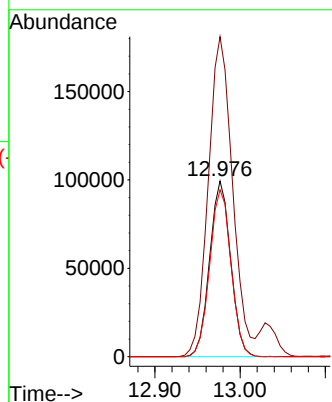
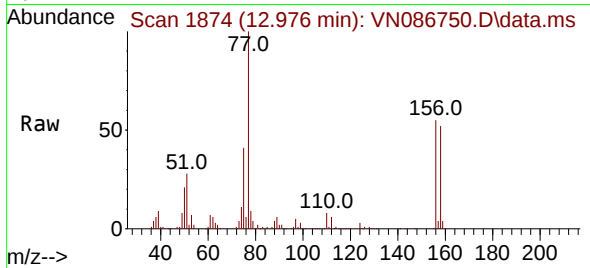




#77
Bromobenzene
Concen: 46.632 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086750.D
Acq: 22 May 2025 08:21

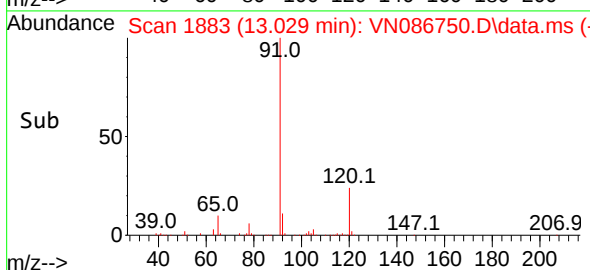
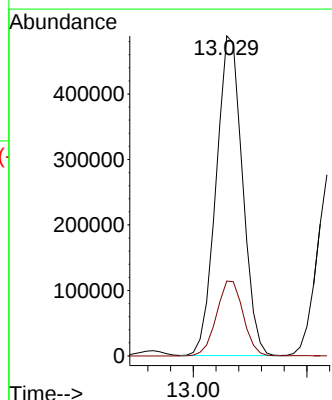
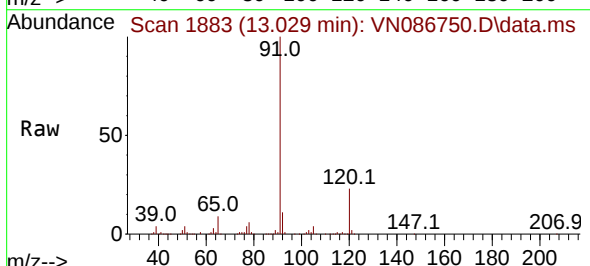
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

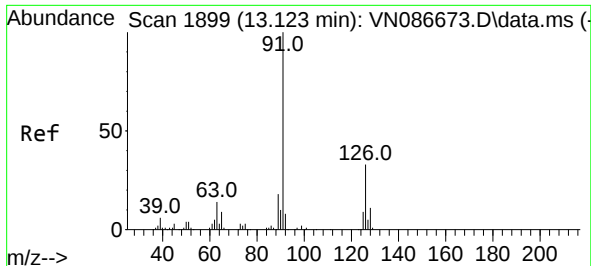
Tgt Ion:156 Resp: 170628
Ion Ratio Lower Upper
156 100
77 210.6 113.1 339.2
158 96.1 48.6 145.9



#78
n-propylbenzene
Concen: 47.163 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN086750.D
Acq: 22 May 2025 08:21

Tgt Ion: 91 Resp: 787287
Ion Ratio Lower Upper
91 100
120 23.7 11.4 34.1

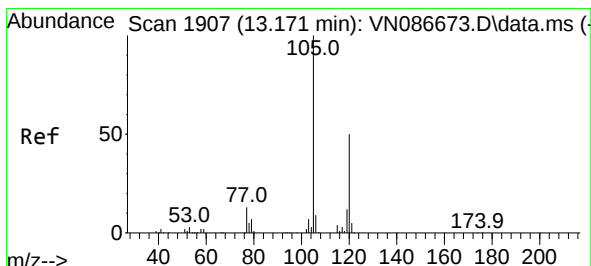
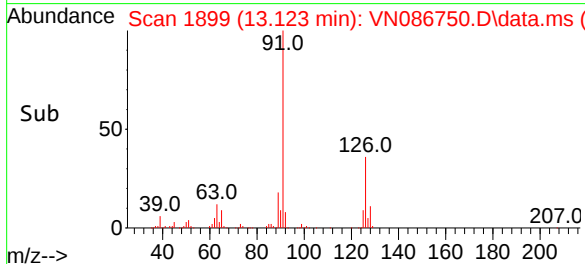
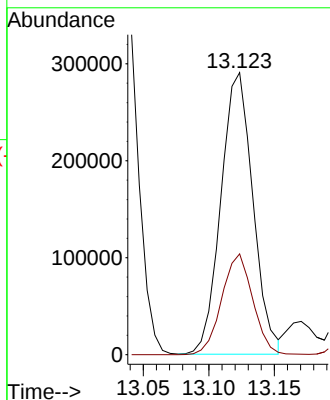
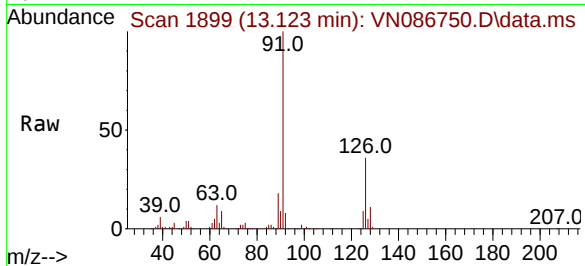




#79
2-Chlorotoluene
Concen: 45.504 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086750.D
Acq: 22 May 2025 08:21

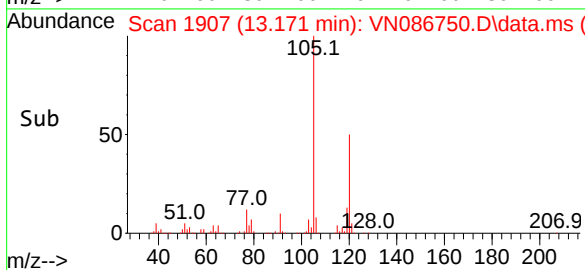
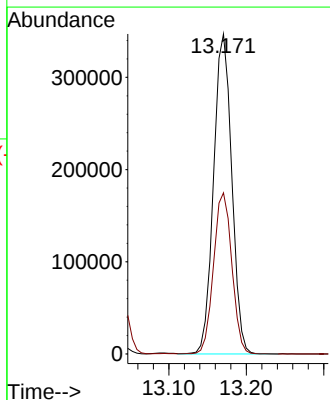
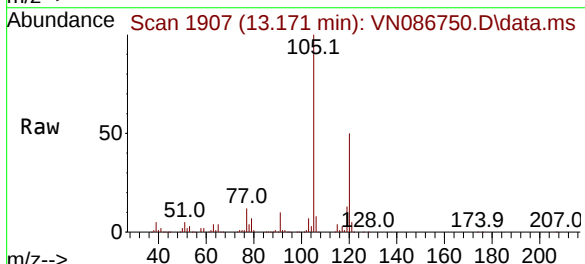
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

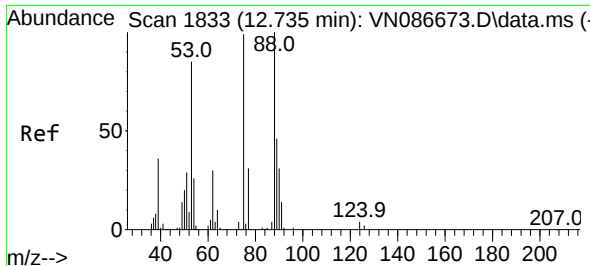
Tgt Ion: 91 Resp: 493894
Ion Ratio Lower Upper
91 100
126 34.7 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 48.488 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086750.D
Acq: 22 May 2025 08:21

Tgt Ion:105 Resp: 565076
Ion Ratio Lower Upper
105 100
120 50.7 24.9 74.6

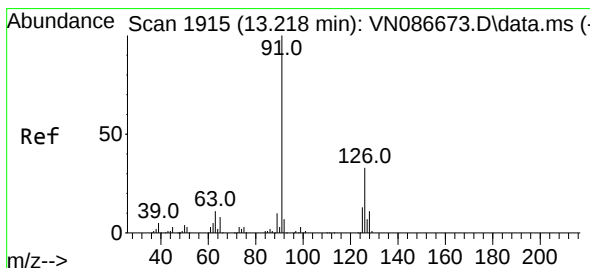
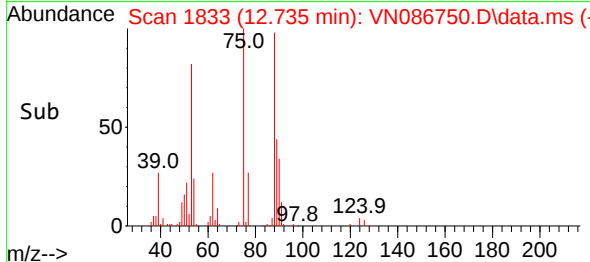
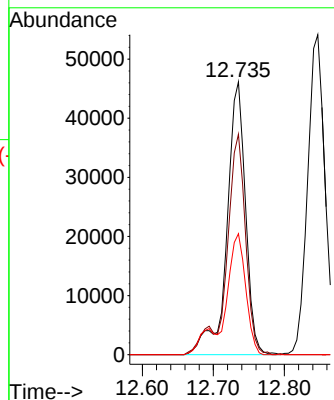
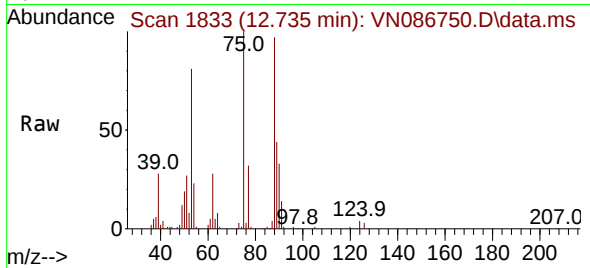




#81
trans-1,4-Dichloro-2-butene
Concen: 49.849 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086750.D
Acq: 22 May 2025 08:21

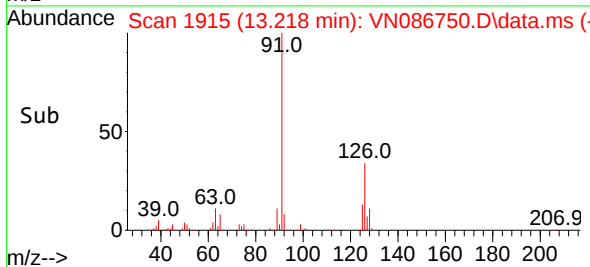
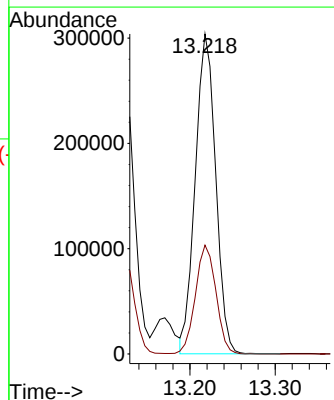
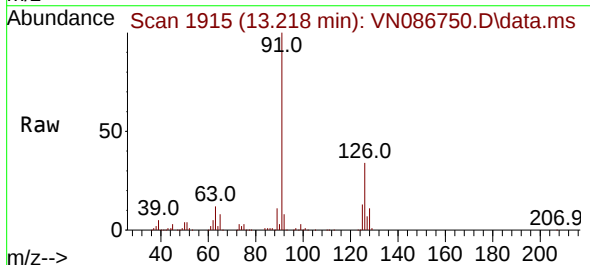
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

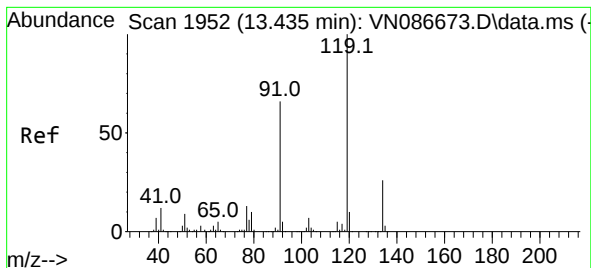
Tgt Ion: 75 Resp: 84134
Ion Ratio Lower Upper
75 100
53 73.2 70.4 105.6
89 41.2 32.4 48.6



#82
4-Chlorotoluene
Concen: 46.872 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086750.D
Acq: 22 May 2025 08:21

Tgt Ion: 91 Resp: 504030
Ion Ratio Lower Upper
91 100
126 34.3 17.0 50.9





#83

tert-Butylbenzene

Concen: 47.263 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VN086750.D

Acq: 22 May 2025 08:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

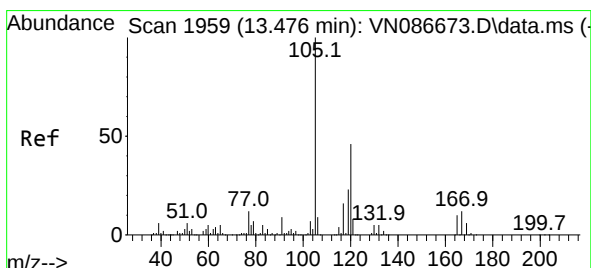
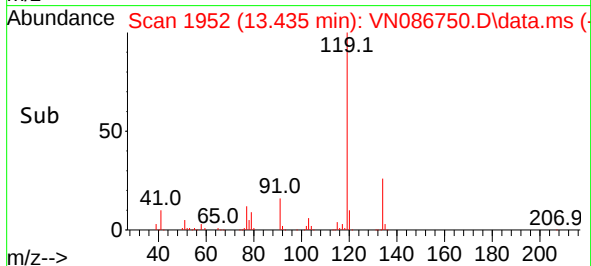
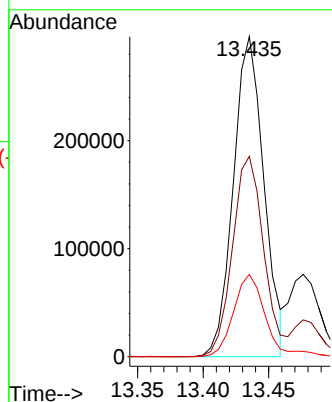
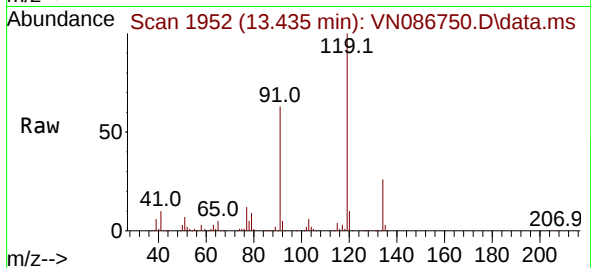
Tgt Ion:119 Resp: 480343

Ion Ratio Lower Upper

119 100

91 64.6 32.9 98.7

134 26.9 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 49.283 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. -0.000 min

Lab File: VN086750.D

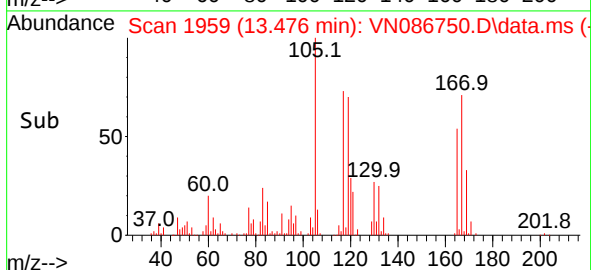
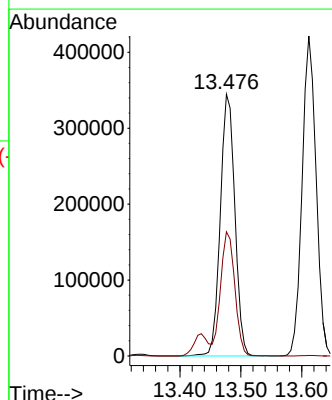
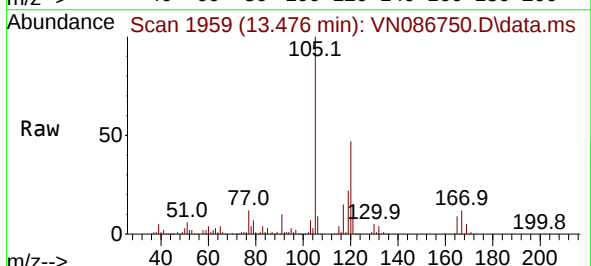
Acq: 22 May 2025 08:21

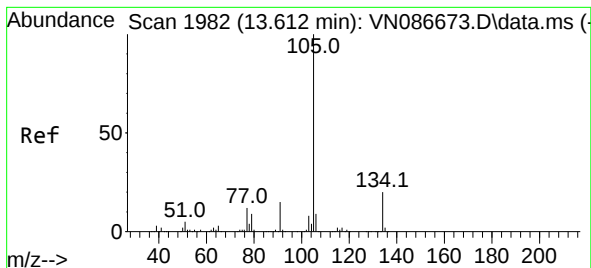
Tgt Ion:105 Resp: 571940

Ion Ratio Lower Upper

105 100

120 46.2 23.2 69.6





#85

sec-Butylbenzene

Concen: 49.152 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. -0.000 min

Lab File: VN086750.D

Acq: 22 May 2025 08:21

Instrument :

MSVOA_N

ClientSampleId :

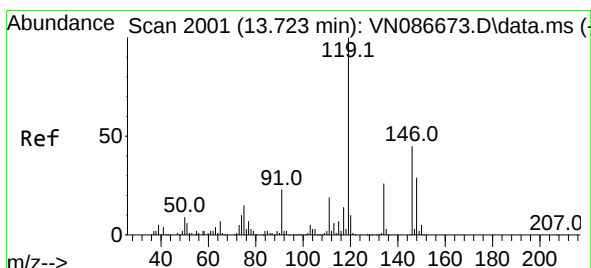
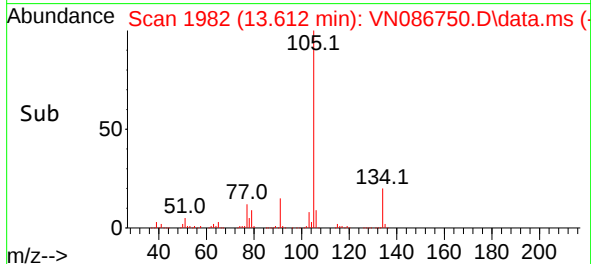
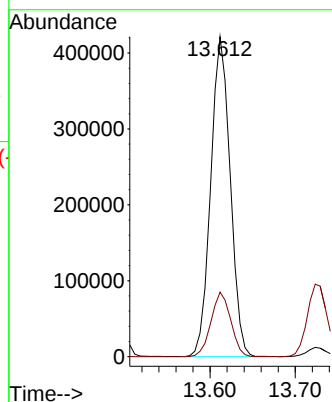
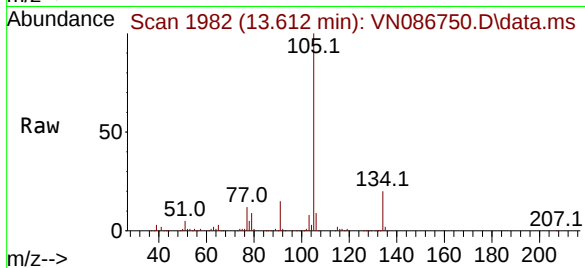
VSTDCCC050

Tgt Ion:105 Resp: 669819

Ion Ratio Lower Upper

105 100

134 20.4 10.1 30.1



#86

p-Isopropyltoluene

Concen: 51.747 ug/l

RT: 13.723 min Scan# 2001

Delta R.T. -0.000 min

Lab File: VN086750.D

Acq: 22 May 2025 08:21

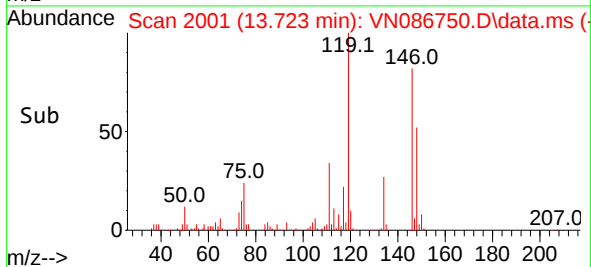
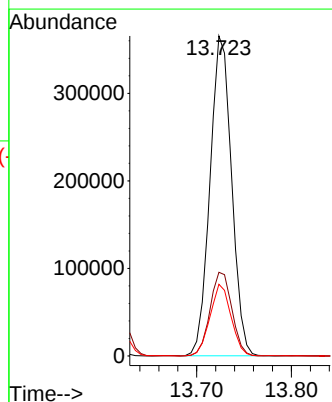
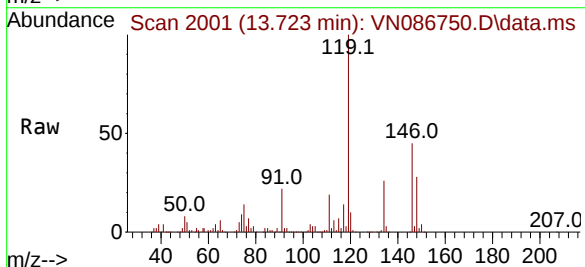
Tgt Ion:119 Resp: 578026

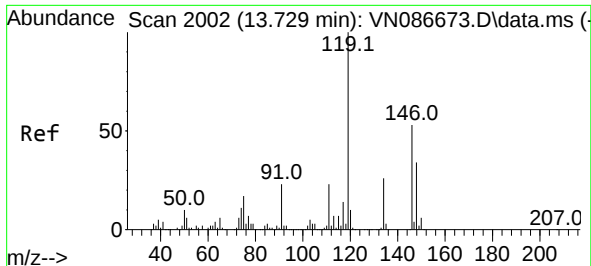
Ion Ratio Lower Upper

119 100

134 26.6 13.1 39.1

91 22.0 11.5 34.5

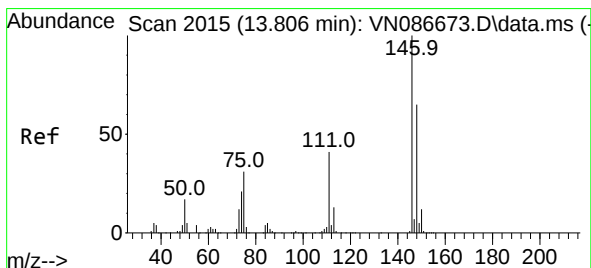
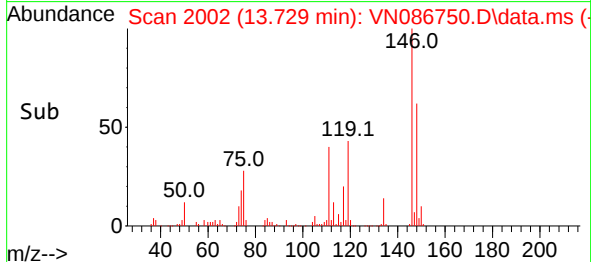
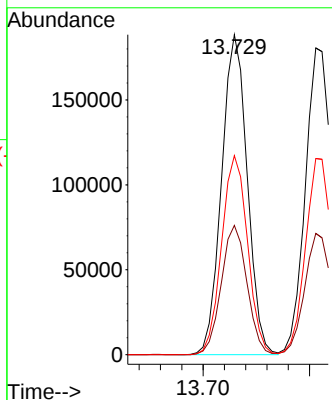
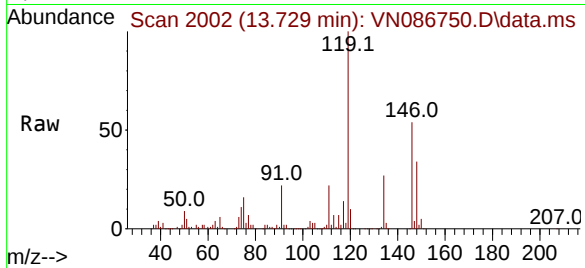




#87
 1,3-Dichlorobenzene
 Concen: 49.694 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086750.D
 Acq: 22 May 2025 08:21

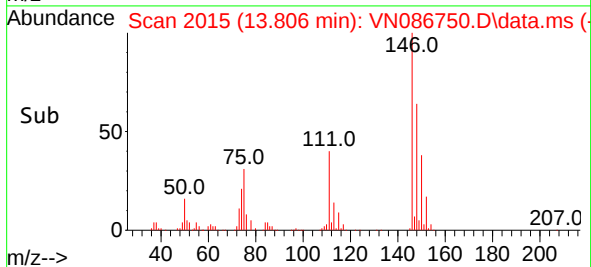
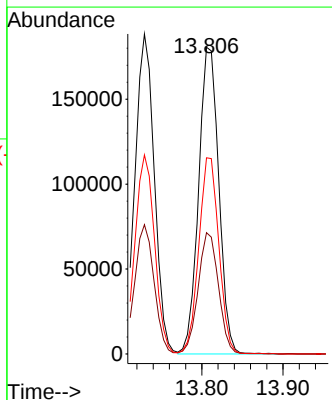
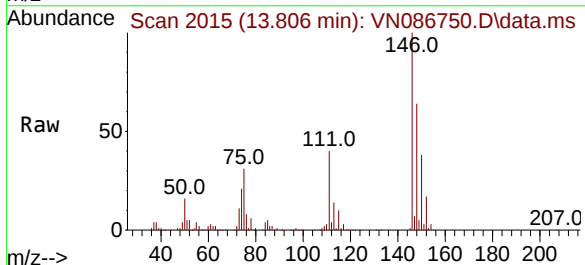
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

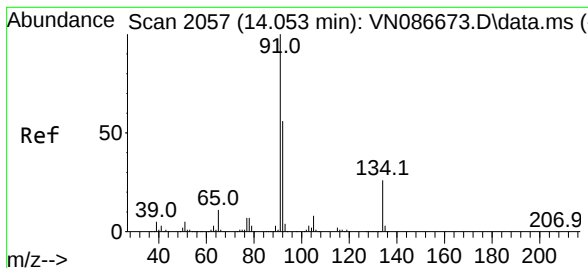
Tgt Ion:146 Resp: 314866
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.9 62.7
 148 62.9 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 49.665 ug/l
 RT: 13.806 min Scan# 2015
 Delta R.T. -0.000 min
 Lab File: VN086750.D
 Acq: 22 May 2025 08:21

Tgt Ion:146 Resp: 311786
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.6 61.8
 148 63.6 32.0 96.0





#89

n-Butylbenzene

Concen: 52.666 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN086750.D

Acq: 22 May 2025 08:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

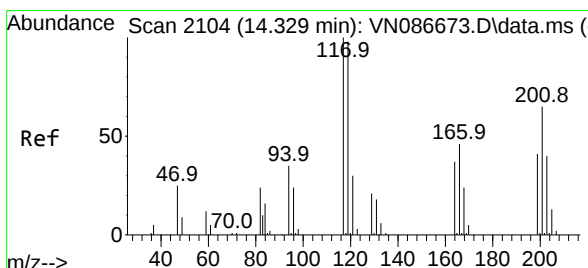
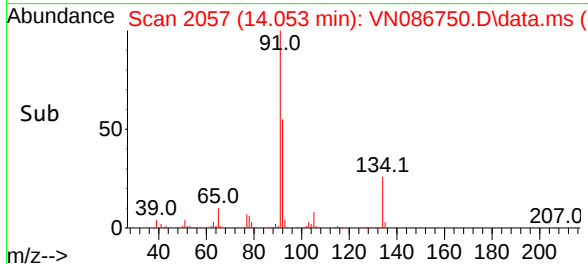
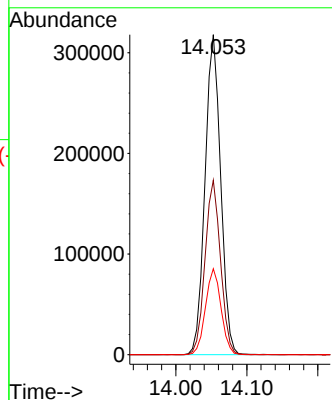
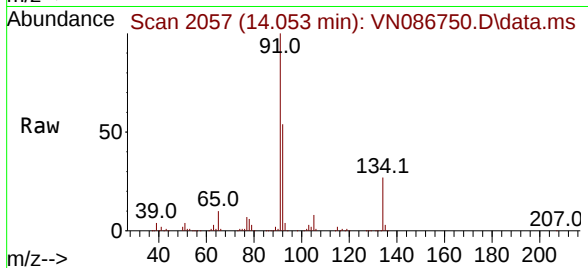
Tgt Ion: 91 Resp: 487696

Ion Ratio Lower Upper

91 100

92 53.9 27.4 82.0

134 26.7 12.8 38.4



#90

Hexachloroethane

Concen: 50.283 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. -0.000 min

Lab File: VN086750.D

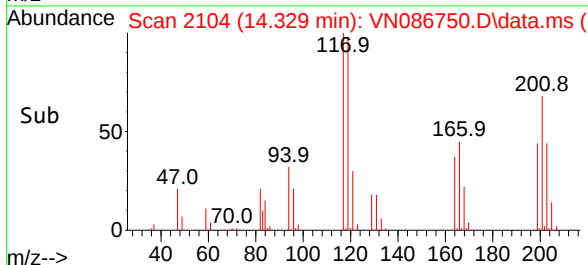
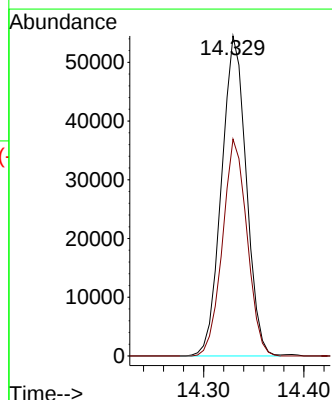
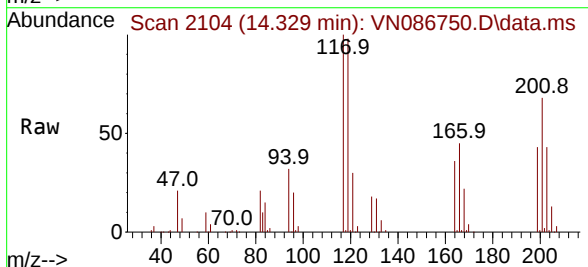
Acq: 22 May 2025 08:21

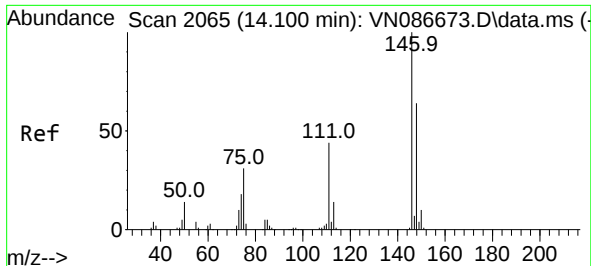
Tgt Ion: 117 Resp: 93193

Ion Ratio Lower Upper

117 100

201 67.2 32.0 96.0

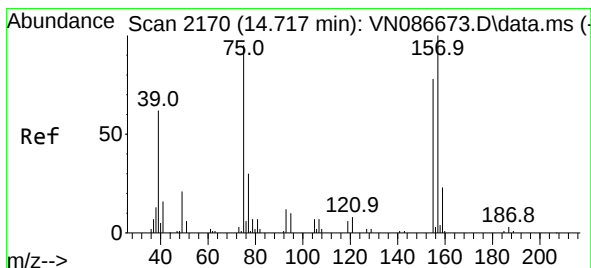
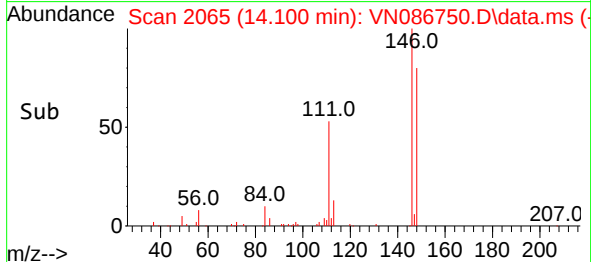
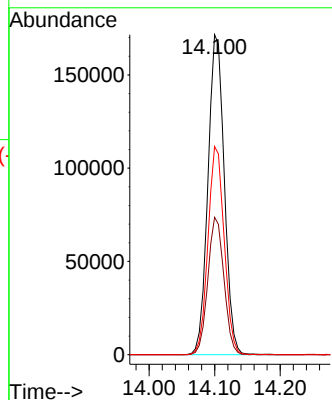
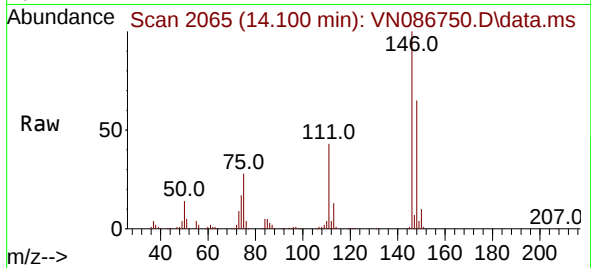




#91
1,2-Dichlorobenzene
Concen: 49.355 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VN086750.D
Acq: 22 May 2025 08:21

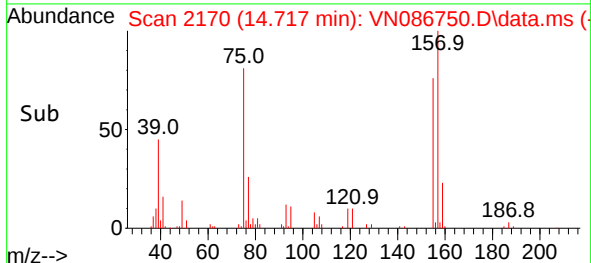
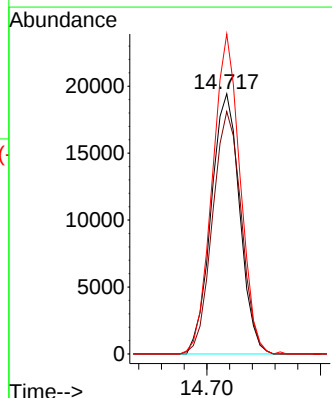
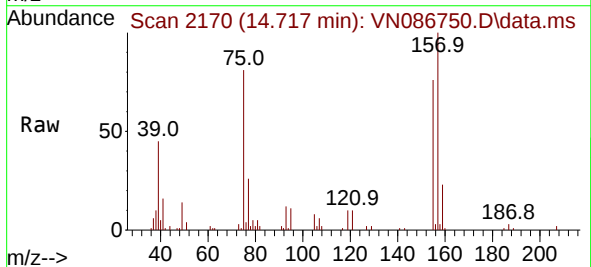
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

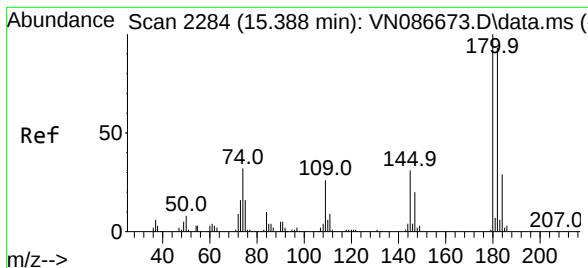
Tgt Ion:146 Resp: 297440
Ion Ratio Lower Upper
146 100
111 42.3 21.6 65.0
148 64.5 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.845 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086750.D
Acq: 22 May 2025 08:21

Tgt Ion: 75 Resp: 33939
Ion Ratio Lower Upper
75 100
155 93.7 40.5 121.5
157 119.3 53.6 160.8





#93

1,2,4-Trichlorobenzene

Concen: 55.466 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN086750.D

Acq: 22 May 2025 08:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

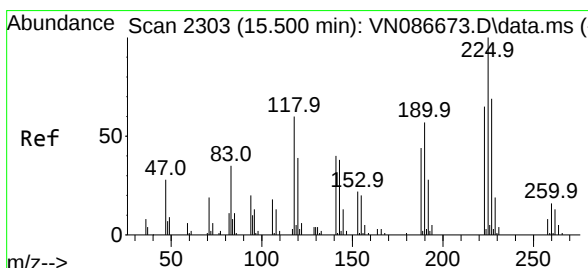
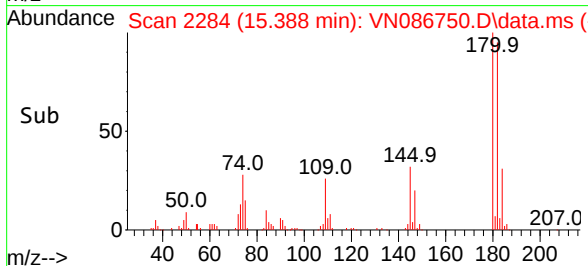
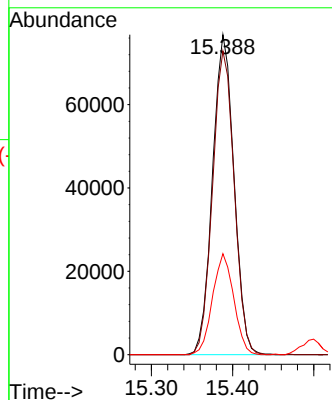
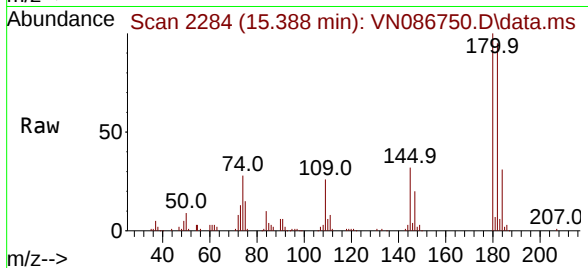
Tgt Ion:180 Resp: 141097

Ion Ratio Lower Upper

180 100

182 95.5 47.1 141.3

145 31.2 15.6 46.8



#94

Hexachlorobutadiene

Concen: 54.714 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN086750.D

Acq: 22 May 2025 08:21

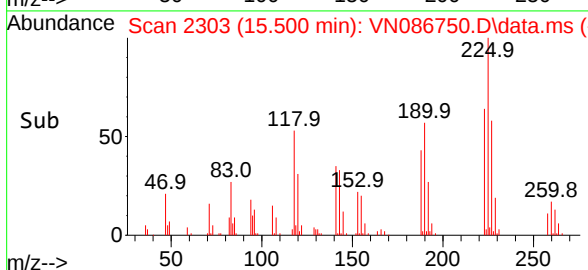
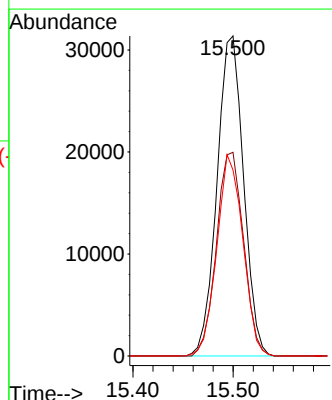
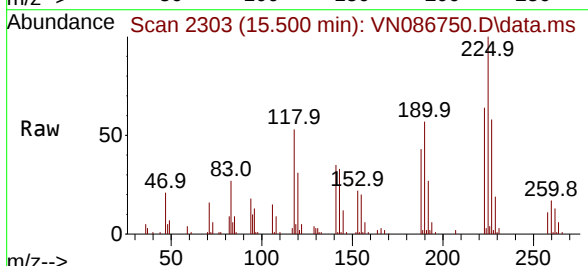
Tgt Ion:225 Resp: 57747

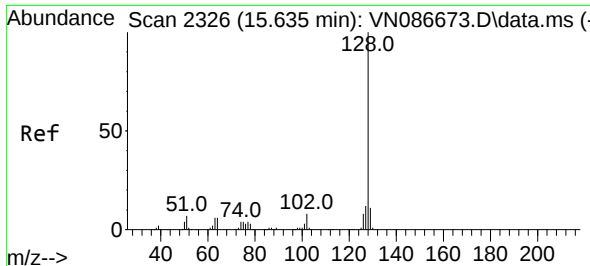
Ion Ratio Lower Upper

225 100

223 64.8 32.9 98.6

227 61.7 32.4 97.2

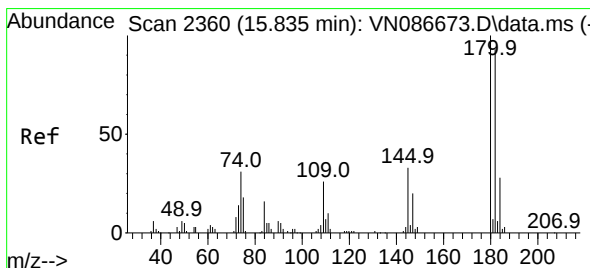
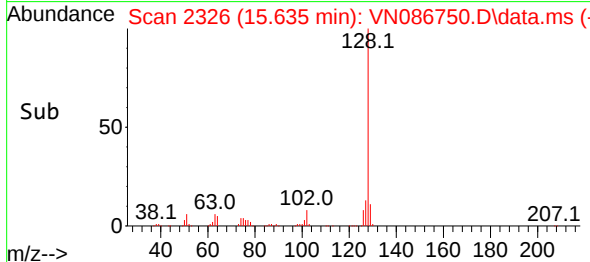
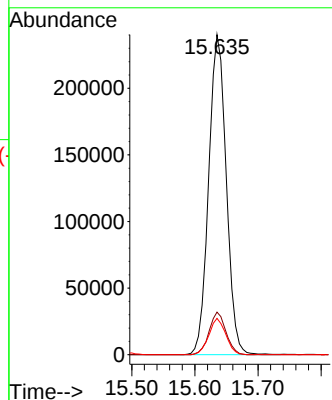
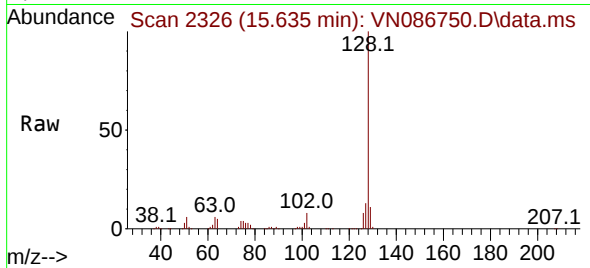




#95
Naphthalene
Concen: 52.617 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086750.D
Acq: 22 May 2025 08:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 464755
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 53.267 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086750.D
Acq: 22 May 2025 08:21

Tgt Ion:180 Resp: 132698
Ion Ratio Lower Upper
180 100
182 94.7 47.0 141.2
145 33.1 16.7 50.1

