

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052125\
 Data File : VN086748.D
 Acq On : 21 May 2025 21:54
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 22 01:34:33 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	244202	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	435891	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	381115	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	176051	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	149996	44.451	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.900%
35) Dibromofluoromethane	8.165	113	127727	49.203	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.400%
50) Toluene-d8	10.565	98	529017	49.176	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.360%
62) 4-Bromofluorobenzene	12.847	95	185696	48.887	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.780%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	126434	47.942	ug/l	99
3) Chloromethane	2.359	50	155581	39.004	ug/l	98
4) Vinyl Chloride	2.512	62	152364	42.532	ug/l	96
5) Bromomethane	2.948	94	85080	41.198	ug/l	89
6) Chloroethane	3.118	64	98894	42.141	ug/l	95
7) Trichlorofluoromethane	3.495	101	201077	46.969	ug/l	99
8) Diethyl Ether	3.959	74	84618	47.846	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.371	101	123142	48.047	ug/l	97
10) Methyl Iodide	4.583	142	147382	46.229	ug/l	97
11) Tert butyl alcohol	5.518	59	130746	212.745	ug/l	99
12) 1,1-Dichloroethene	4.342	96	127167	46.688	ug/l	94
13) Acrolein	4.177	56	140544	213.923	ug/l	100
14) Allyl chloride	5.024	41	171565	41.615	ug/l	93
15) Acrylonitrile	5.718	53	329217	216.355	ug/l	100
16) Acetone	4.424	43	245166	194.228	ug/l	90
17) Carbon Disulfide	4.712	76	325575	43.173	ug/l	100
18) Methyl Acetate	5.018	43	158168	44.770	ug/l	95
19) Methyl tert-butyl Ether	5.789	73	438901	47.324	ug/l	98
20) Methylene Chloride	5.277	84	144169	43.282	ug/l	94
21) trans-1,2-Dichloroethene	5.783	96	131954	45.821	ug/l	96
22) Diisopropyl ether	6.671	45	405786	43.629	ug/l	95
23) Vinyl Acetate	6.600	43	1431581	204.797	ug/l	97
24) 1,1-Dichloroethane	6.565	63	240584	44.057	ug/l	98
25) 2-Butanone	7.477	43	402402	206.303	ug/l	94
26) 2,2-Dichloropropane	7.488	77	186169	41.311	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	163984	46.392	ug/l	96
28) Bromochloromethane	7.812	49	107550	43.349	ug/l	87
29) Tetrahydrofuran	7.835	42	264177	207.499	ug/l	94
30) Chloroform	7.965	83	245335	44.886	ug/l	98
31) Cyclohexane	8.253	56	206627	40.799	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	214019	46.443	ug/l	97
36) 1,1-Dichloropropene	8.371	75	177970	46.478	ug/l	98
37) Ethyl Acetate	7.559	43	159187	41.156	ug/l	98
38) Carbon Tetrachloride	8.359	117	182730	48.434	ug/l	99
39) Methylcyclohexane	9.600	83	196298	47.366	ug/l	96
40) Benzene	8.600	78	575605	46.081	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	88720	42.482	ug/l	94
42) 1,2-Dichloroethane	8.665	62	170337	43.771	ug/l	96
43) Isopropyl Acetate	8.682	43	284941	36.748	ug/l	94
44) Trichloroethene	9.347	130	150906	50.088	ug/l	97
45) 1,2-Dichloropropane	9.618	63	137246	46.252	ug/l	99
46) Dibromomethane	9.706	93	93389	46.642	ug/l	96
47) Bromodichloromethane	9.882	83	193289	46.852	ug/l	100
48) Methyl methacrylate	9.677	41	130914	43.570	ug/l	92
49) 1,4-Dioxane	9.694	88	58511	919.643	ug/l #	94
51) 4-Methyl-2-Pentanone	10.441	43	822002	210.215	ug/l	96
52) Toluene	10.624	92	365542	47.084	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	206727	47.328	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	226687	47.542	ug/l	94
55) 1,1,2-Trichloroethane	11.012	97	134799	46.546	ug/l	98
56) Ethyl methacrylate	10.871	69	226672	48.748	ug/l	93
57) 1,3-Dichloropropane	11.159	76	231462	46.393	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	513639	247.162	ug/l	97
59) 2-Hexanone	11.194	43	599302	209.876	ug/l	95
60) Dibromochloromethane	11.353	129	154495	50.903	ug/l	97
61) 1,2-Dibromoethane	11.465	107	136717	46.979	ug/l	98
64) Tetrachloroethene	11.100	164	153710	52.649	ug/l	96
65) Chlorobenzene	11.888	112	404234	48.370	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	135939	50.387	ug/l	99
67) Ethyl Benzene	11.959	91	685664	47.900	ug/l	98
68) m/p-Xylenes	12.065	106	539434	99.494	ug/l	96
69) o-Xylene	12.394	106	264308	49.035	ug/l	99
70) Styrene	12.406	104	440292	49.892	ug/l	99
71) Bromoform	12.576	173	98909	51.550	ug/l #	97
73) Isopropylbenzene	12.694	105	631830	46.468	ug/l	99
74) N-amyl acetate	12.488	43	233576	41.115	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.935	83	172580	41.314	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	244161	61.323	ug/l	62
77) Bromobenzene	12.976	156	158913	46.461	ug/l	93
78) n-propylbenzene	13.029	91	713244	45.709	ug/l	98
79) 2-Chlorotoluene	13.123	91	451140	44.465	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	513249	47.114	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	74406	47.161	ug/l	89
82) 4-Chlorotoluene	13.217	91	448001	44.569	ug/l	99
83) tert-Butylbenzene	13.435	119	445512	46.895	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	523006	48.211	ug/l	100
85) sec-Butylbenzene	13.612	105	602750	47.317	ug/l	99
86) p-Isopropyltoluene	13.723	119	514243	49.250	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	284000	47.950	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	288930	49.236	ug/l	99
89) n-Butylbenzene	14.053	91	418544	48.352	ug/l	99
90) Hexachloroethane	14.329	117	83510	48.203	ug/l	93
91) 1,2-Dichlorobenzene	14.100	146	277357	49.234	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	34552	49.930	ug/l	89
93) 1,2,4-Trichlorobenzene	15.388	180	135683	57.059	ug/l	100
94) Hexachlorobutadiene	15.500	225	52353	53.065	ug/l	96
95) Naphthalene	15.635	128	505395	61.211	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	130680	56.117	ug/l	100

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Response via : Initial Calibration

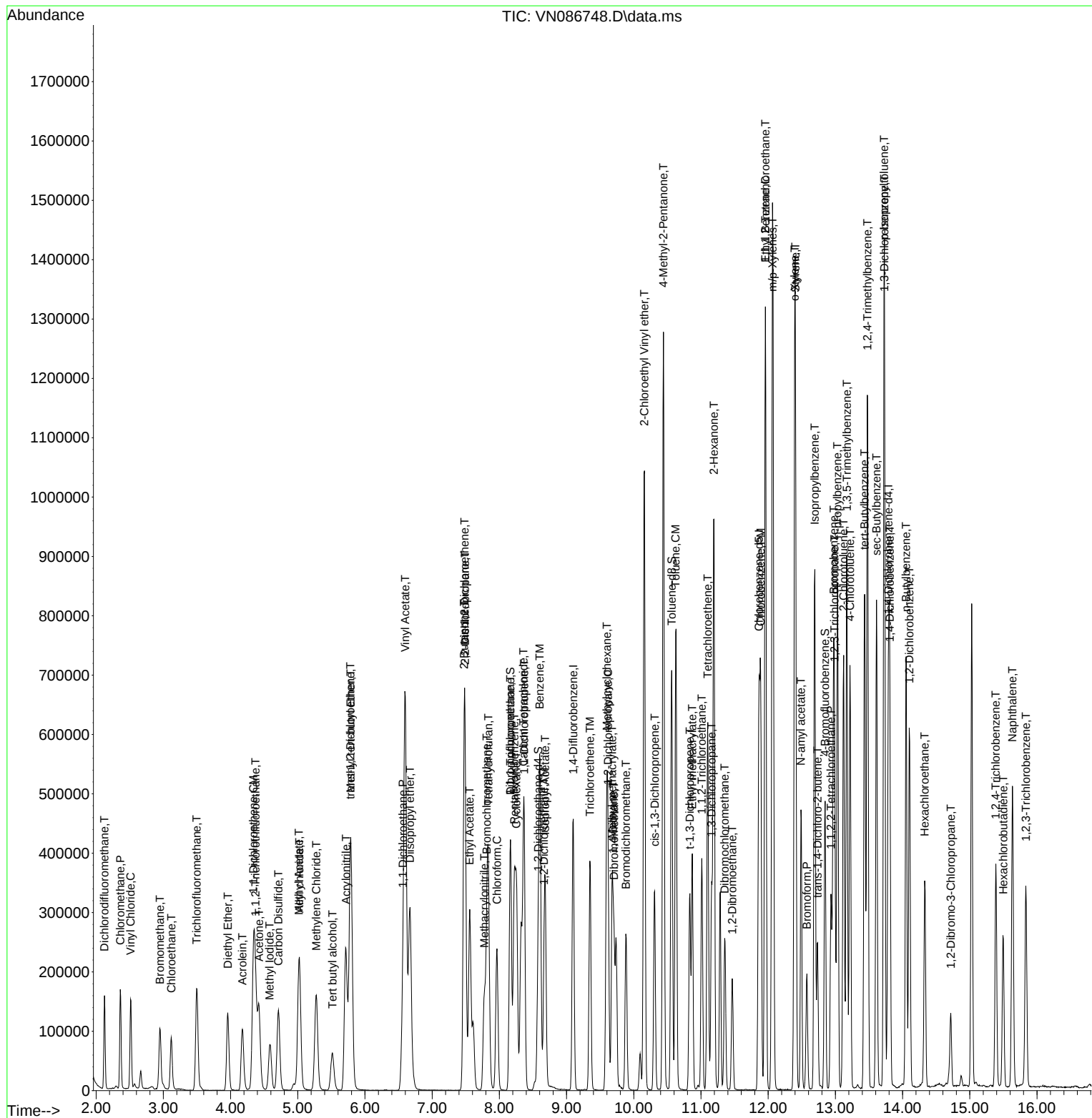
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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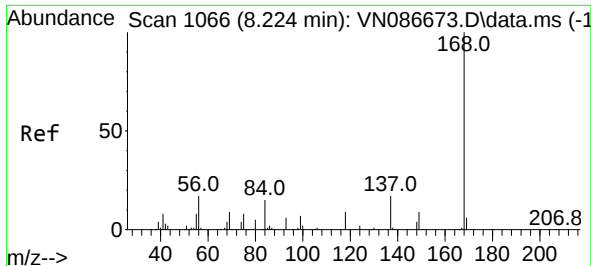
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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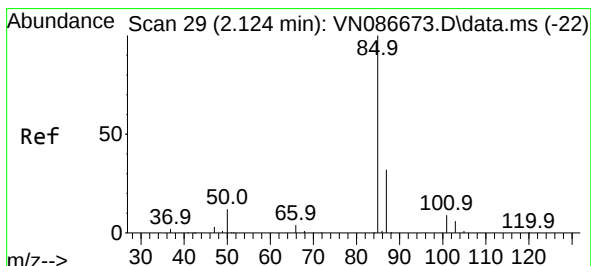
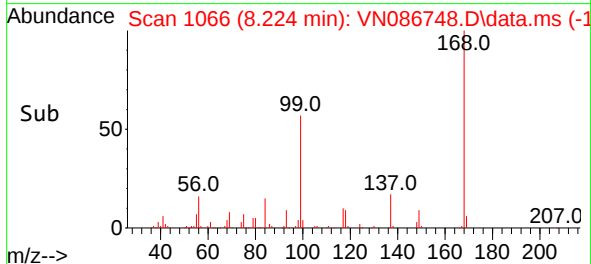
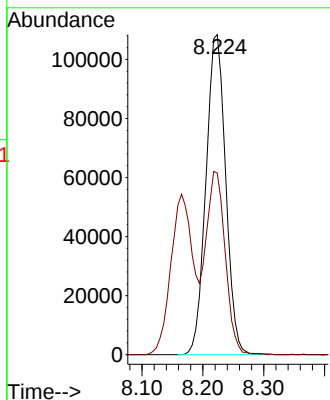
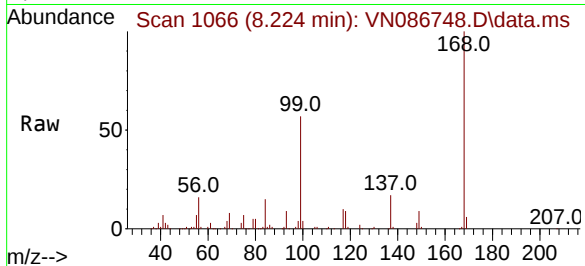




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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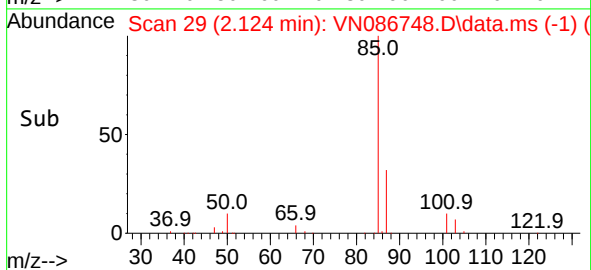
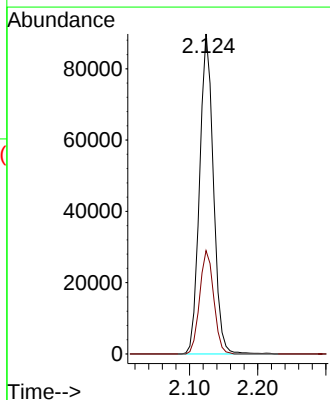
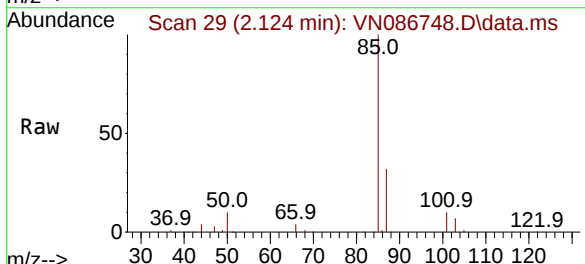
Instrument :
MSVOA_N
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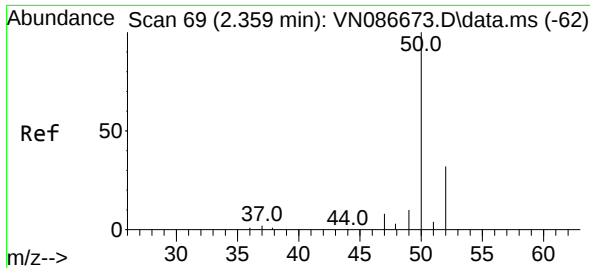
Tgt Ion:168 Resp: 244202
Ion Ratio Lower Upper
168 100
99 56.8 47.0 70.4



#2
Dichlorodifluoromethane
Concen: 47.942 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086748.D
Acq: 21 May 2025 21:54

Tgt Ion: 85 Resp: 126434
Ion Ratio Lower Upper
85 100
87 32.3 15.9 47.6

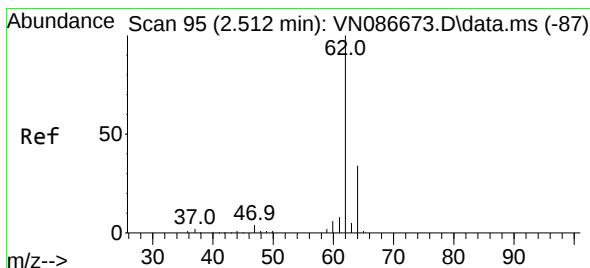
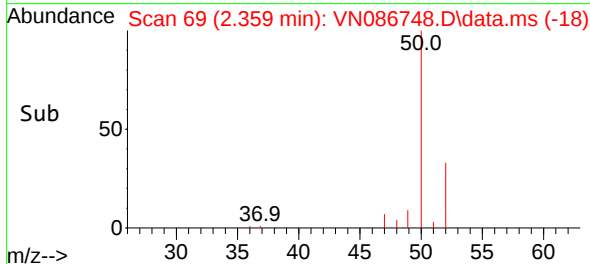
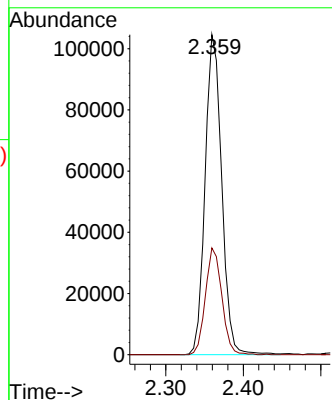
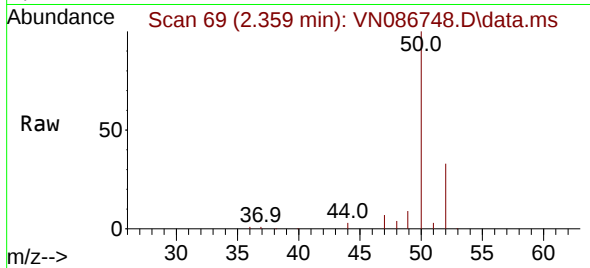




#3
Chloromethane
Concen: 39.004 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086748.D
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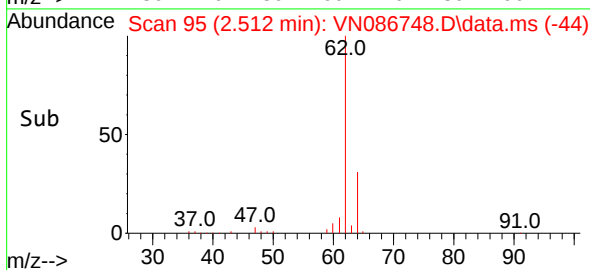
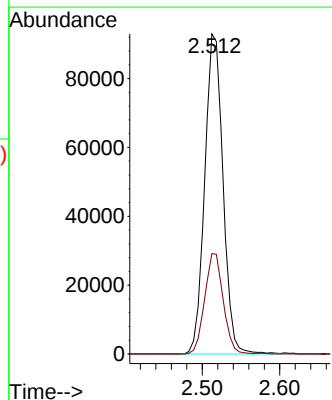
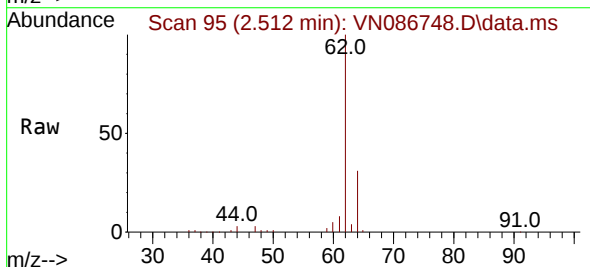
Instrument :
MSVOA_N
ClientSampleId :
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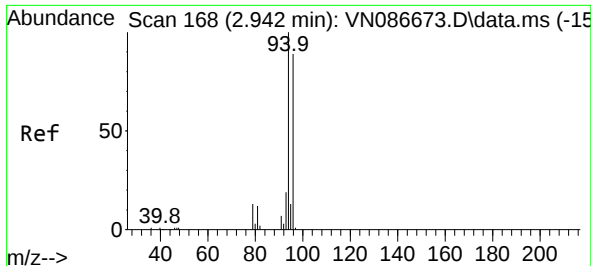
Tgt Ion: 50 Resp: 155581
Ion Ratio Lower Upper
50 100
52 33.3 25.9 38.9



#4
Vinyl Chloride
Concen: 42.532 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN086748.D
Acq: 21 May 2025 21:54

Tgt Ion: 62 Resp: 152364
Ion Ratio Lower Upper
62 100
64 31.4 26.9 40.3

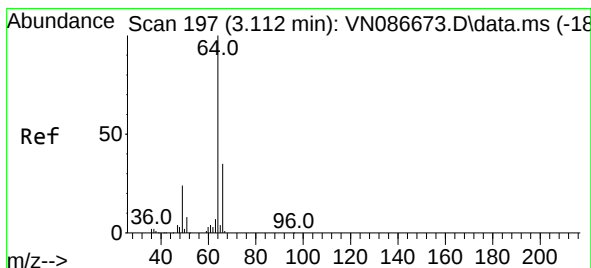
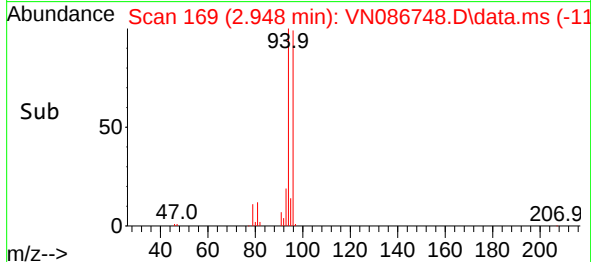
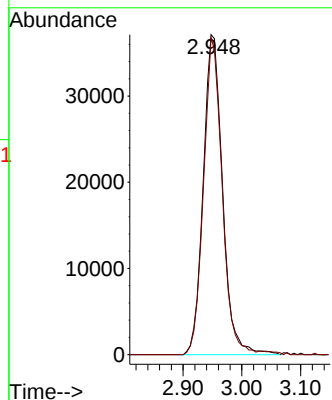
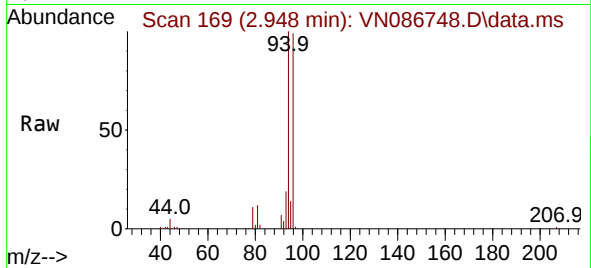




#5
Bromomethane
Concen: 41.198 ug/l
RT: 2.948 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN086748.D
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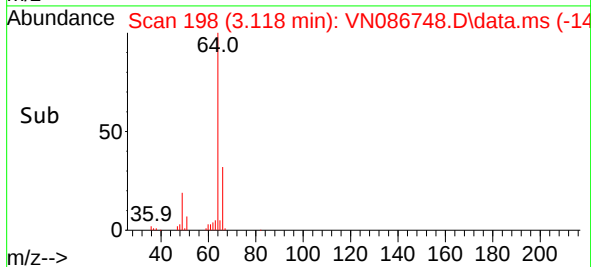
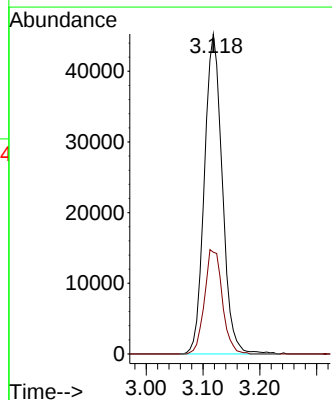
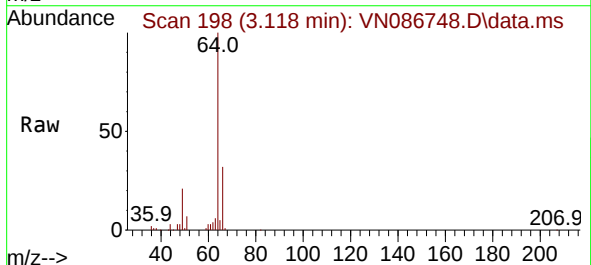
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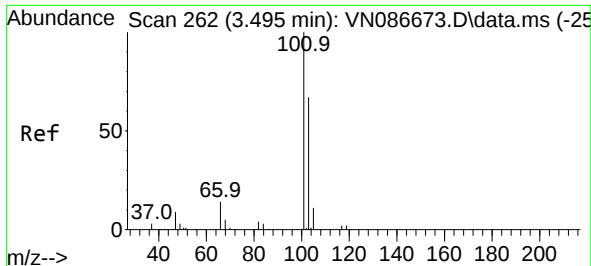
Tgt Ion: 94 Resp: 85080
Ion Ratio Lower Upper
94 100
96 98.9 71.2 106.8



#6
Chloroethane
Concen: 42.141 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN086748.D
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Tgt Ion: 64 Resp: 98894
Ion Ratio Lower Upper
64 100
66 31.8 27.7 41.5

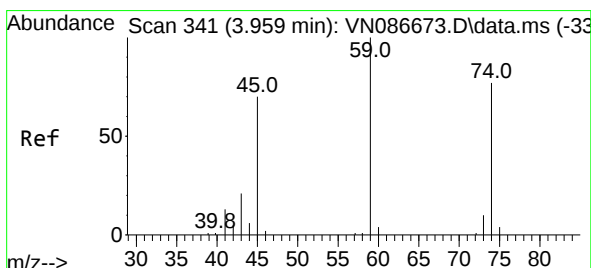
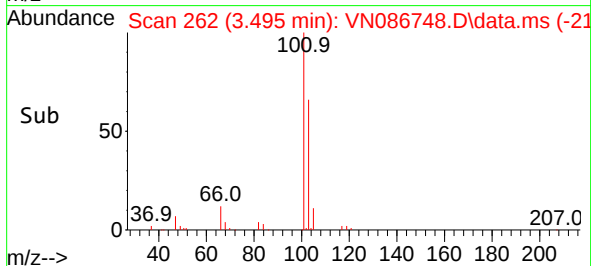
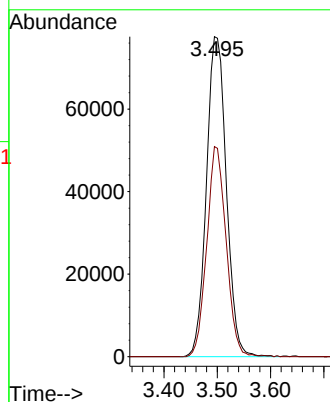
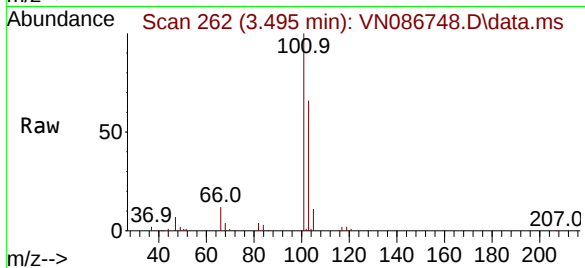




#7
Trichlorofluoromethane
Concen: 46.969 ug/l
RT: 3.495 min Scan# 262
Delta R.T. -0.000 min
Lab File: VN086748.D
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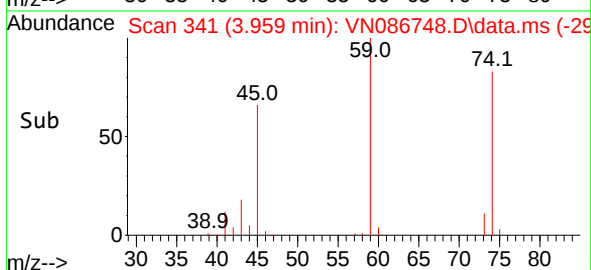
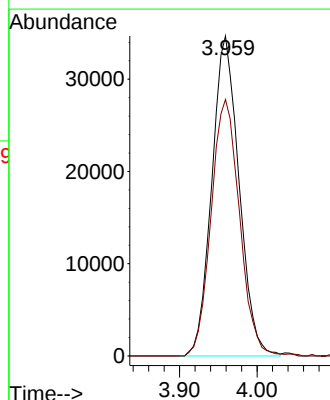
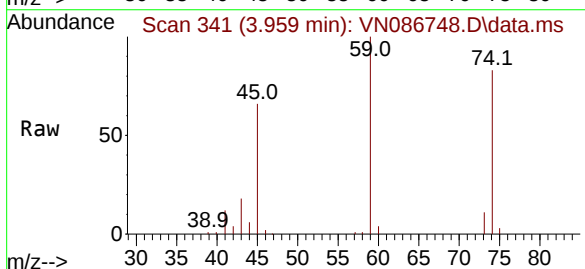
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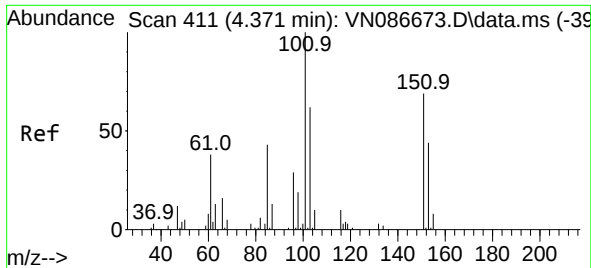
Tgt Ion:101 Resp: 201077
Ion Ratio Lower Upper
101 100
103 65.6 53.4 80.0



#8
Diethyl Ether
Concen: 47.846 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN086748.D
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Tgt Ion: 74 Resp: 84618
Ion Ratio Lower Upper
74 100
45 83.8 45.0 135.0

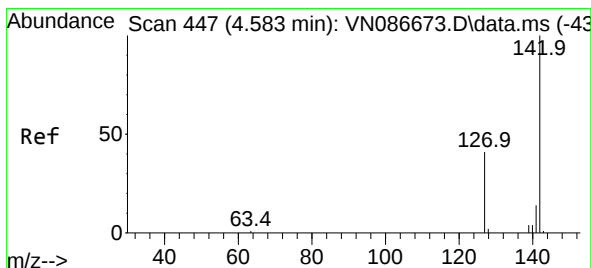
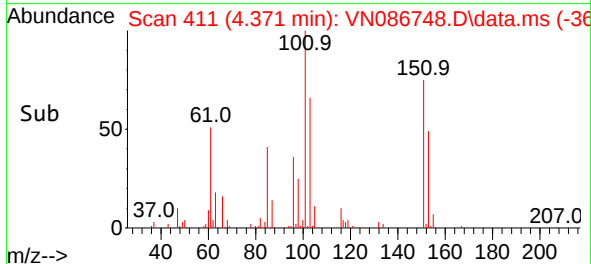
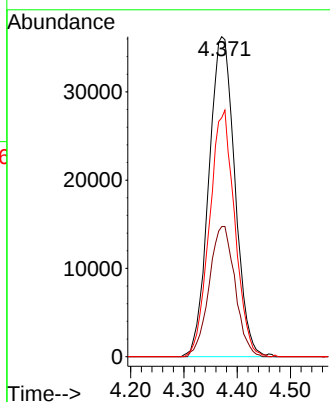
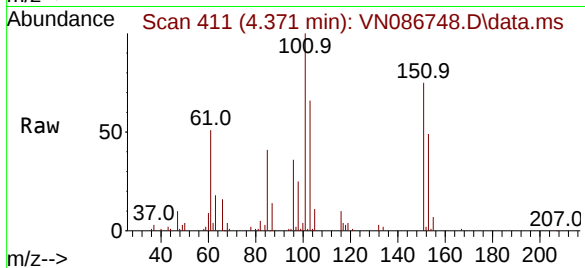




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.047 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN086748.D
Acq: 21 May 2025 21:54

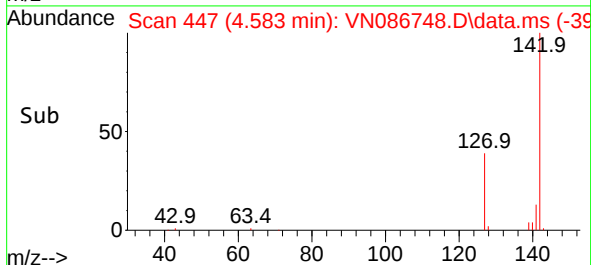
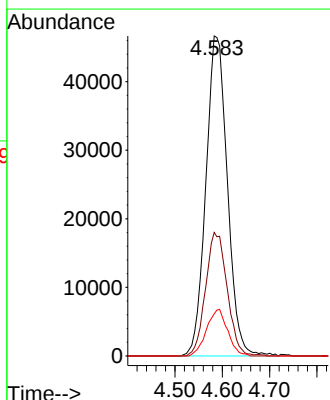
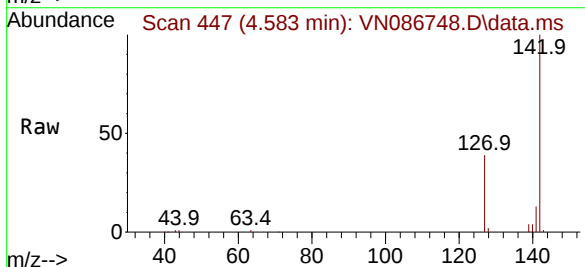
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

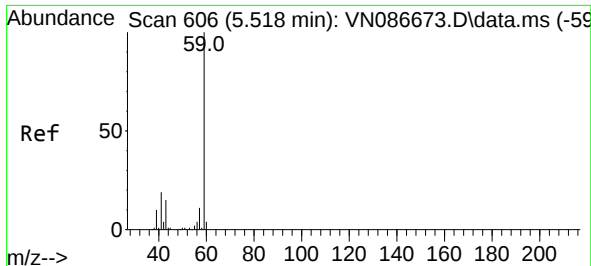
Tgt Ion:101 Resp: 123142
Ion Ratio Lower Upper
101 100
85 40.5 35.0 52.6
151 74.7 58.1 87.1



#10
Methyl Iodide
Concen: 46.229 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN086748.D
Acq: 21 May 2025 21:54

Tgt Ion:142 Resp: 147382
Ion Ratio Lower Upper
142 100
127 38.6 32.4 48.6
141 13.2 11.4 17.2

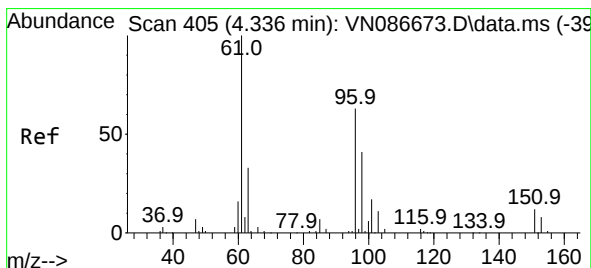
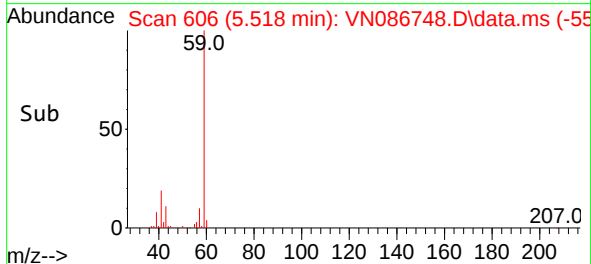
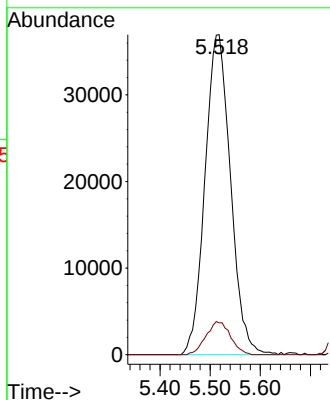
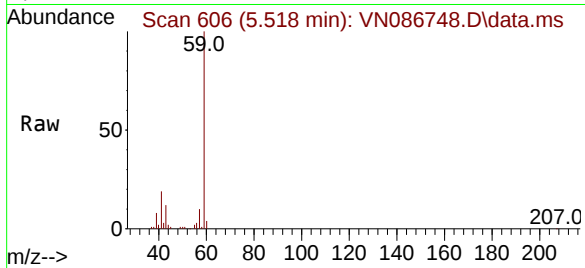




#11
Tert butyl alcohol
Concen: 212.745 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN086748.D
Acq: 21 May 2025 21:54

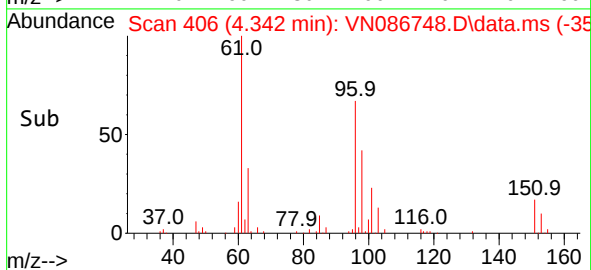
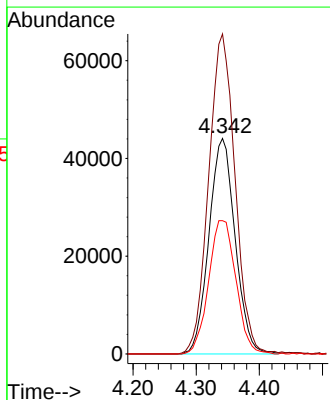
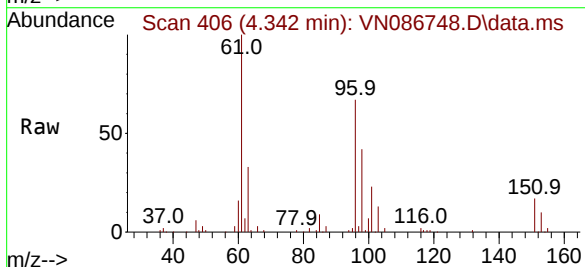
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

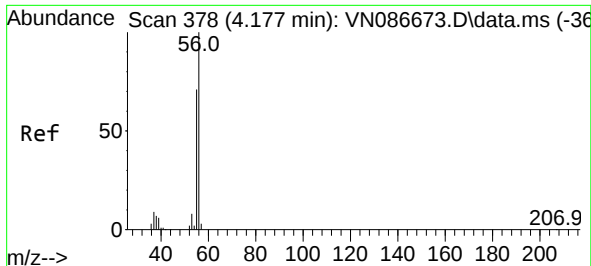
Tgt Ion: 59 Resp: 130746
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.2



#12
1,1-Dichloroethene
Concen: 46.688 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN086748.D
Acq: 21 May 2025 21:54

Tgt Ion: 96 Resp: 127167
Ion Ratio Lower Upper
96 100
61 148.5 126.2 189.2
98 61.8 51.5 77.3

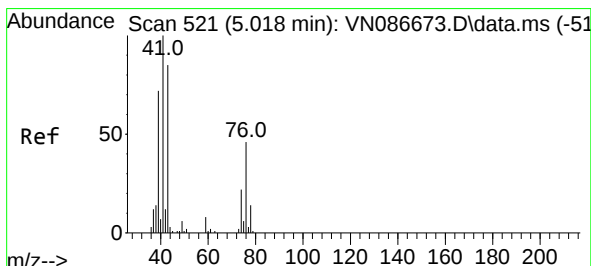
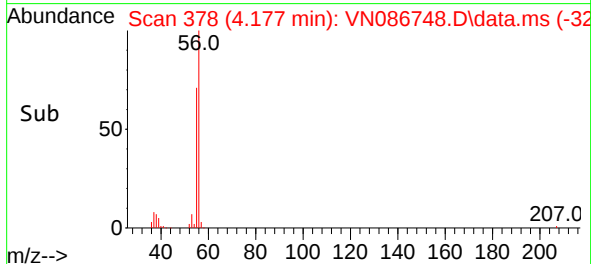
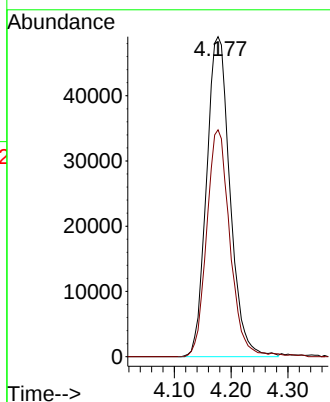
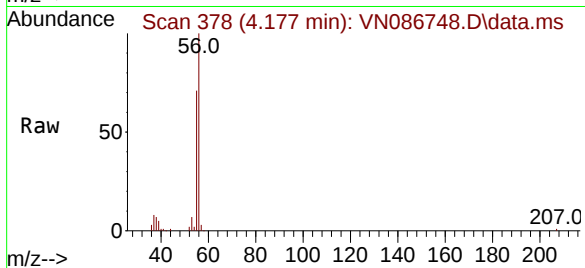




#13
Acrolein
Concen: 213.923 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN086748.D
Acq: 21 May 2025 21:54

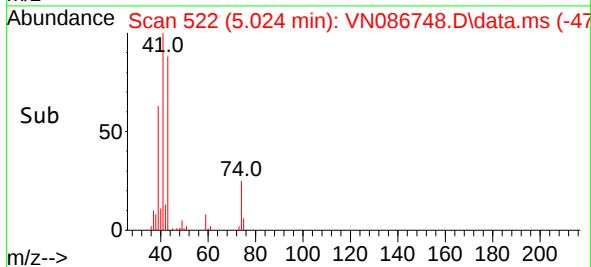
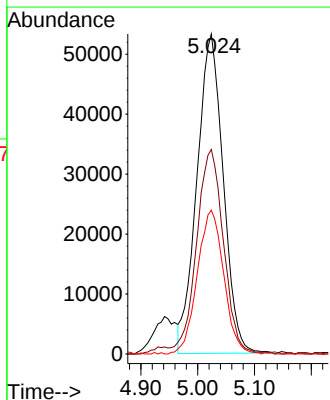
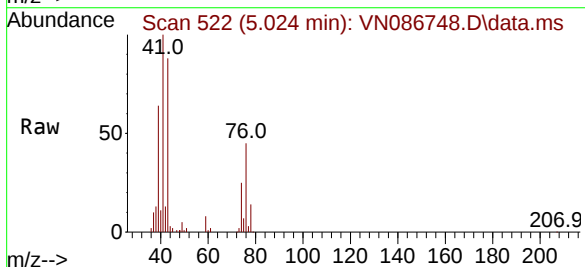
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

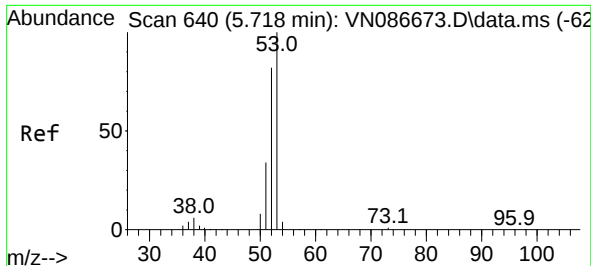
Tgt Ion: 56 Resp: 140544
Ion Ratio Lower Upper
56 100
55 69.9 55.7 83.5



#14
Allyl chloride
Concen: 41.615 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086748.D
Acq: 21 May 2025 21:54

Tgt Ion: 41 Resp: 171565
Ion Ratio Lower Upper
41 100
39 65.8 57.4 86.0
76 45.2 33.2 49.8

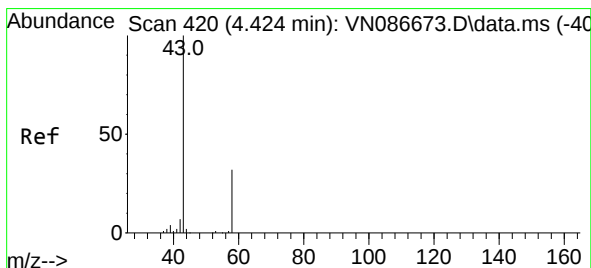
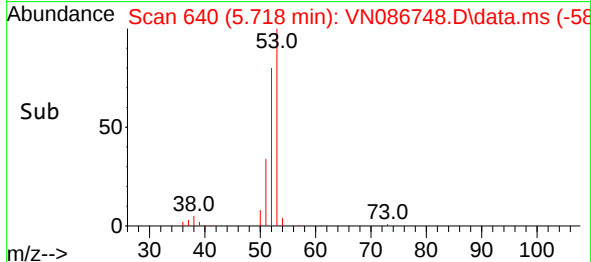
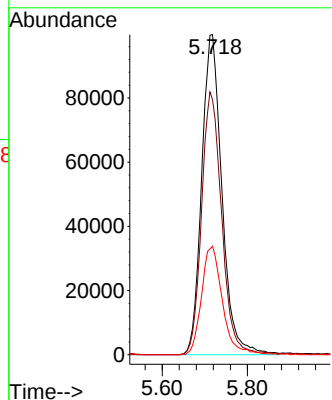
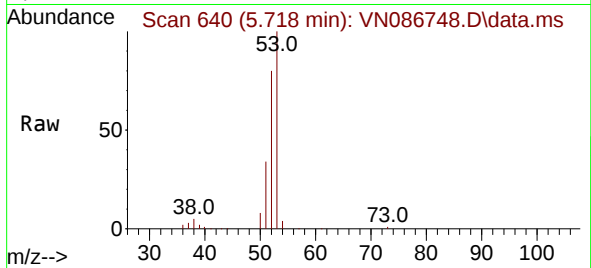




#15
Acrylonitrile
Concen: 216.355 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN086748.D
Acq: 21 May 2025 21:54

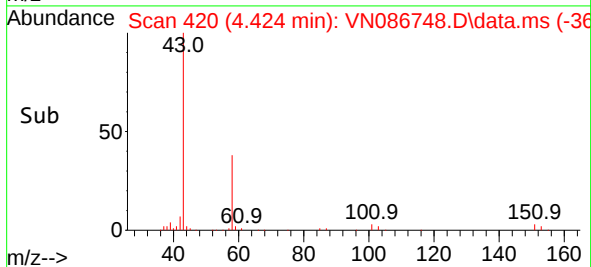
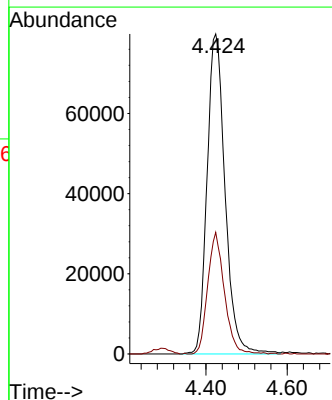
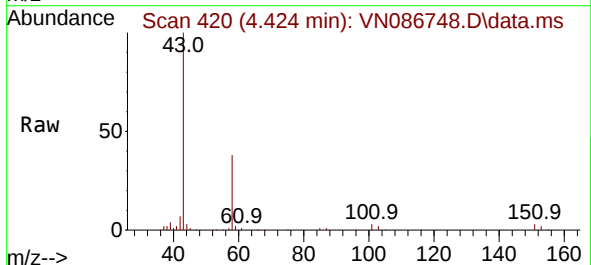
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

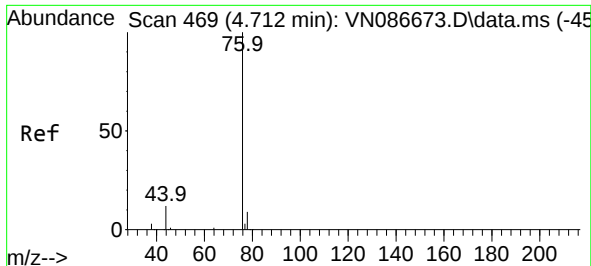
Tgt Ion: 53 Resp: 329217
Ion Ratio Lower Upper
53 100
52 81.6 65.4 98.2
51 34.8 27.9 41.9



#16
Acetone
Concen: 194.228 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086748.D
Acq: 21 May 2025 21:54

Tgt Ion: 43 Resp: 245166
Ion Ratio Lower Upper
43 100
58 38.0 25.8 38.6

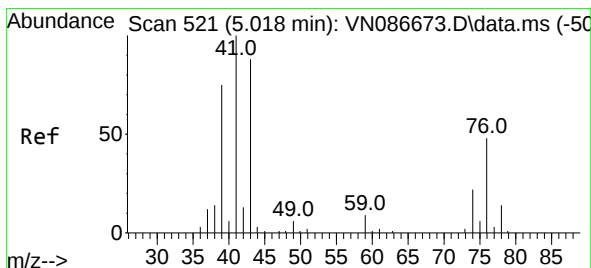
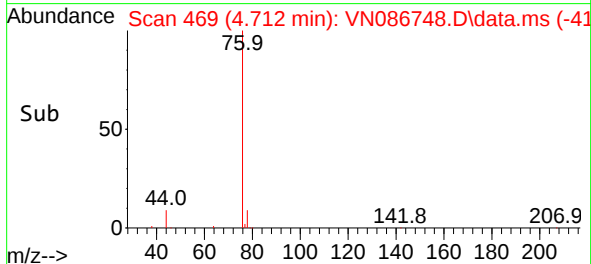
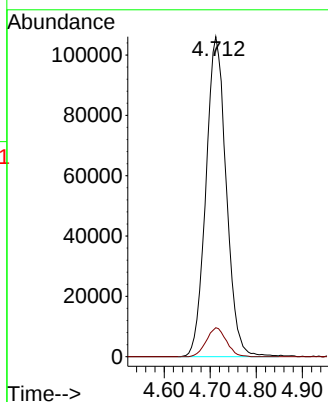
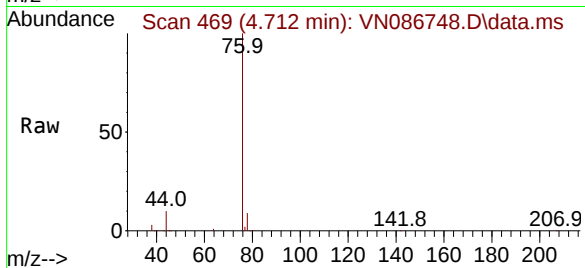




#17
Carbon Disulfide
Concen: 43.173 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN086748.D
Acq: 21 May 2025 21:54

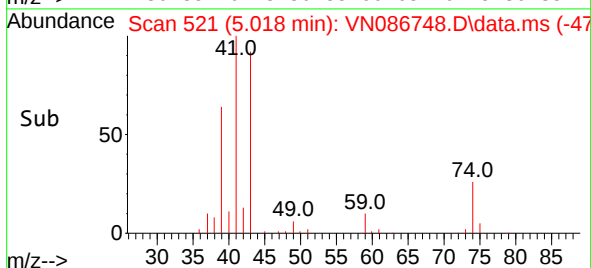
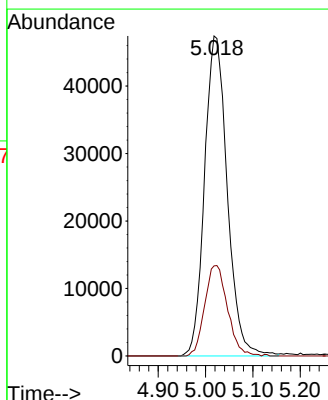
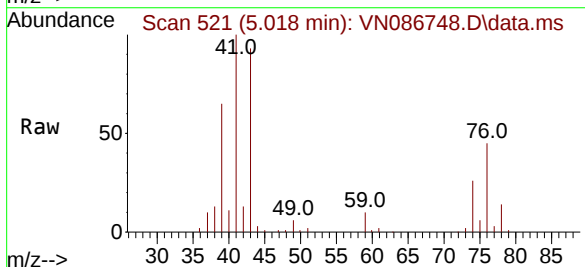
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

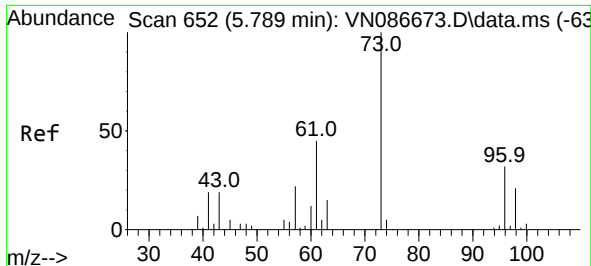
Tgt Ion: 76 Resp: 325575
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 44.770 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN086748.D
Acq: 21 May 2025 21:54

Tgt Ion: 43 Resp: 158168
Ion Ratio Lower Upper
43 100
74 28.3 20.5 30.7

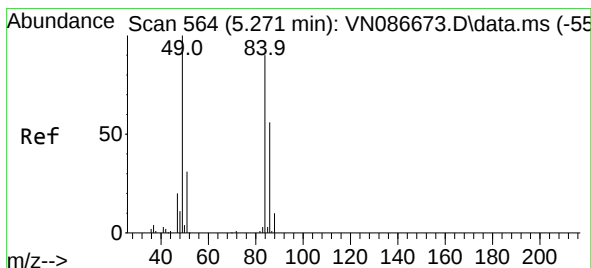
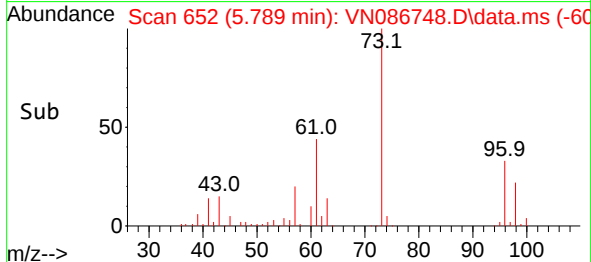
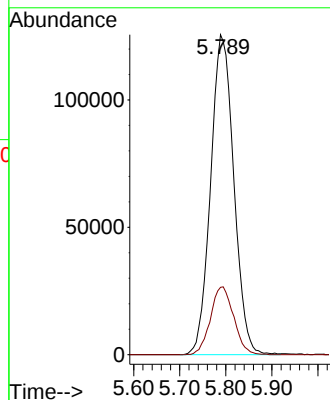
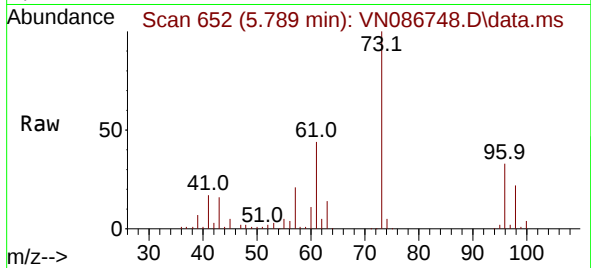




#19
Methyl tert-butyl Ether
Concen: 47.324 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086748.D
Acq: 21 May 2025 21:54

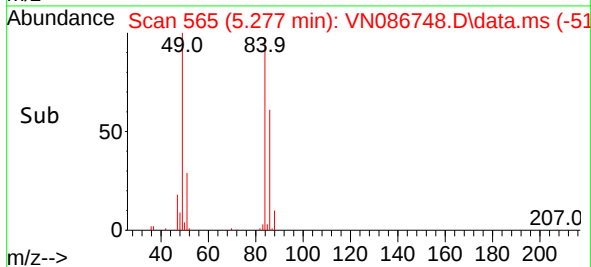
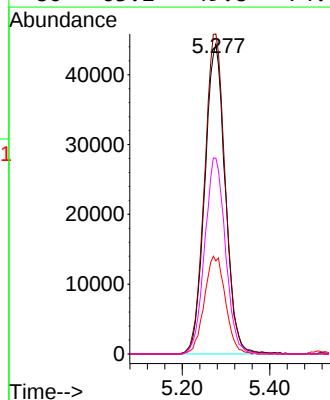
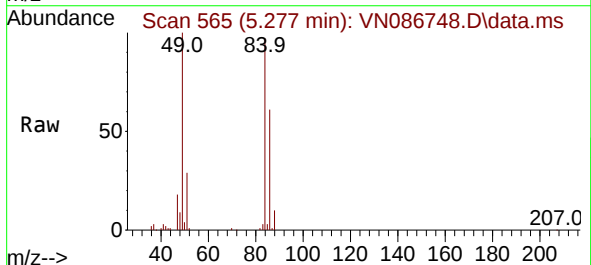
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

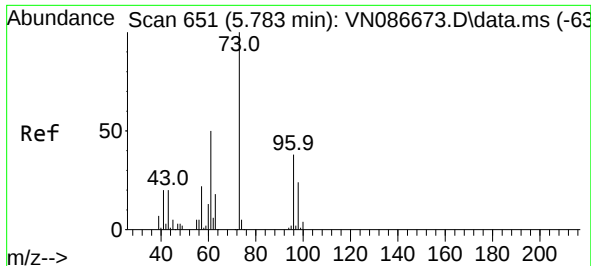
Tgt Ion: 73 Resp: 438901
Ion Ratio Lower Upper
73 100
57 21.0 17.7 26.5



#20
Methylene Chloride
Concen: 43.282 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086748.D
Acq: 21 May 2025 21:54

Tgt Ion: 84 Resp: 144169
Ion Ratio Lower Upper
84 100
49 103.3 88.8 133.2
51 30.1 27.8 41.6
86 63.2 49.8 74.6

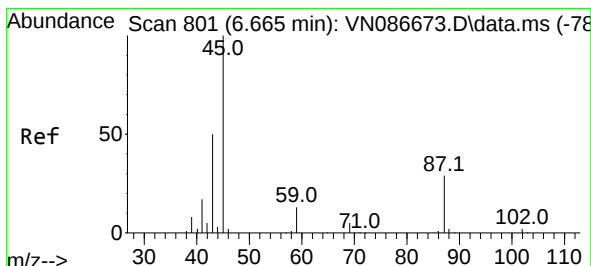
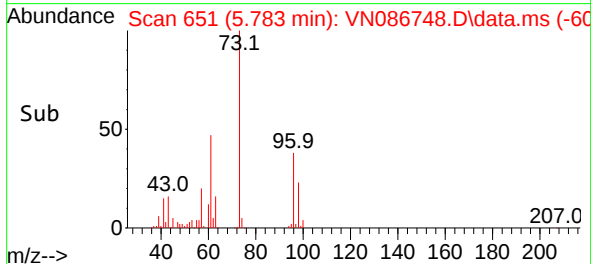
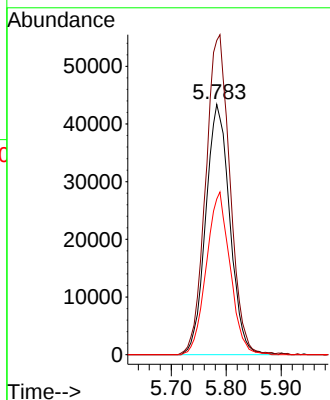
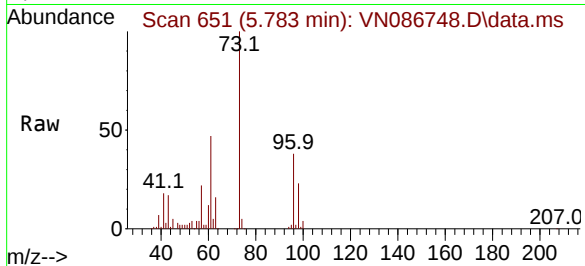




#21
trans-1,2-Dichloroethene
Concen: 45.821 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086748.D
Acq: 21 May 2025 21:54

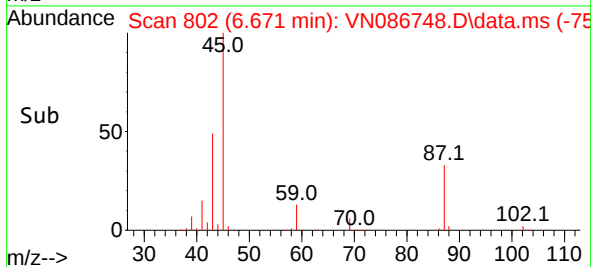
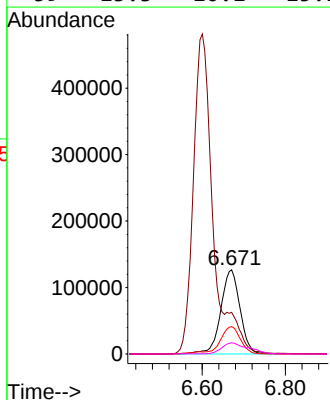
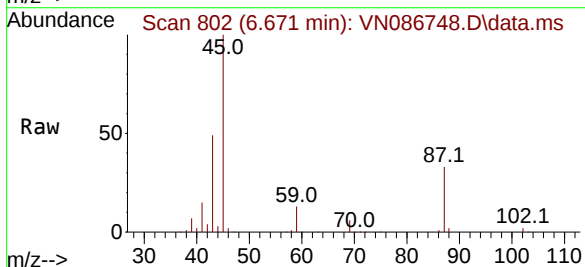
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

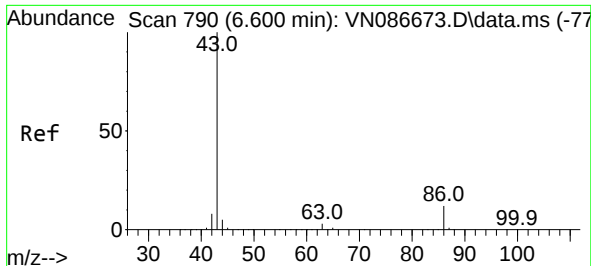
Tgt Ion: 96 Resp: 131954
Ion Ratio Lower Upper
96 100
61 125.6 105.7 158.5
98 62.2 51.0 76.6



#22
Diisopropyl ether
Concen: 43.629 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN086748.D
Acq: 21 May 2025 21:54

Tgt Ion: 45 Resp: 405786
Ion Ratio Lower Upper
45 100
43 48.4 41.4 62.2
87 32.6 22.9 34.3
59 13.3 10.1 15.1

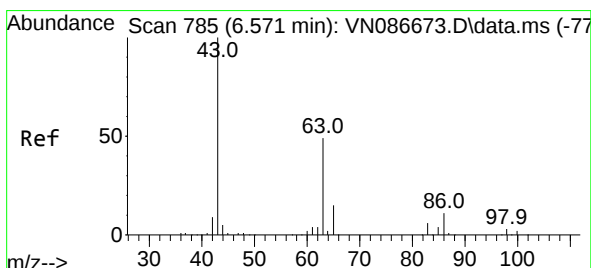
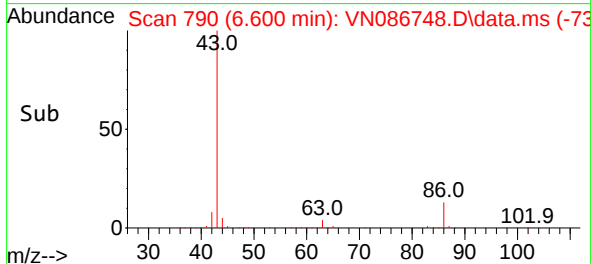
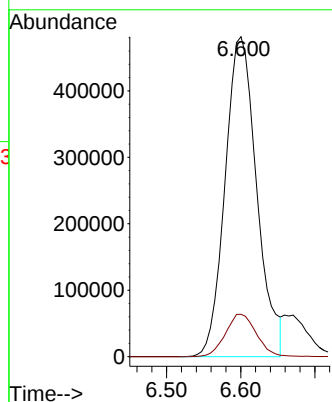
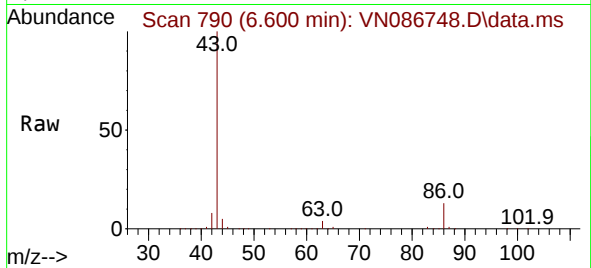




#23
 Vinyl Acetate
 Concen: 204.797 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086748.D
 Acq: 21 May 2025 21:54

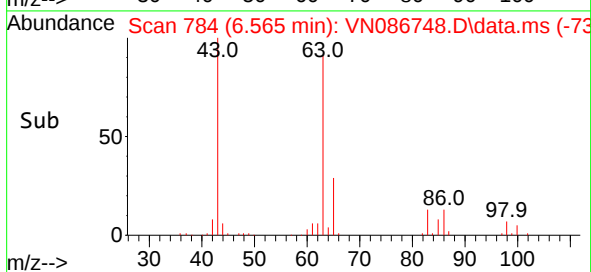
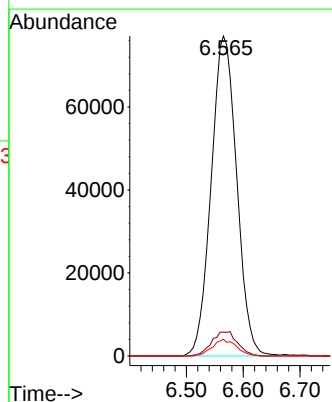
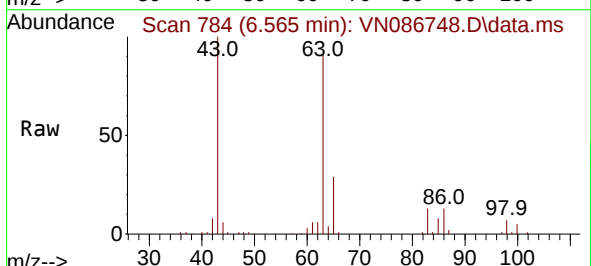
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1431581
 Ion Ratio Lower Upper
 43 100
 86 13.2 9.5 14.3



#24
 1,1-Dichloroethane
 Concen: 44.057 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN086748.D
 Acq: 21 May 2025 21:54

Tgt Ion: 63 Resp: 240584
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.4 10.2
 100 5.2 2.4 7.1

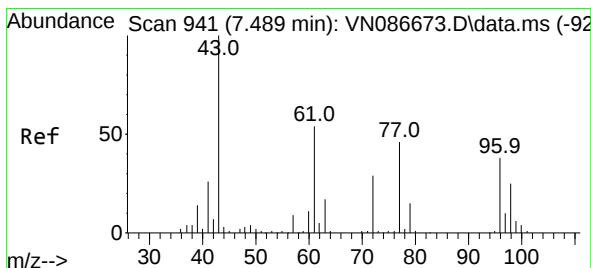
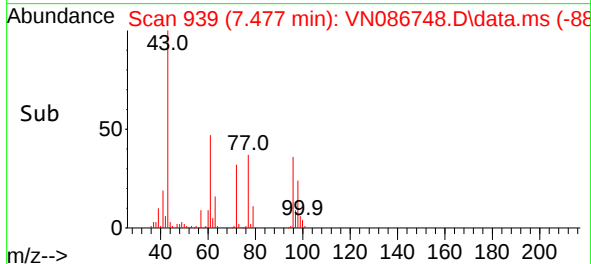
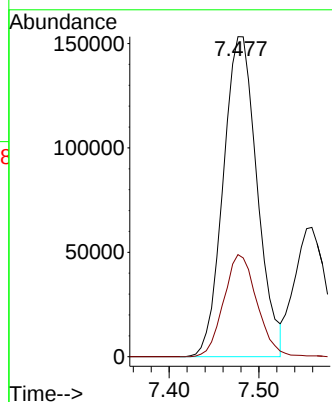
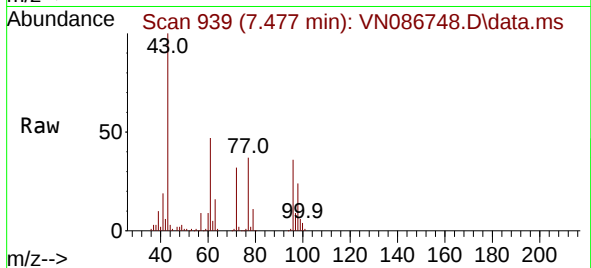




#25
2-Butanone
Concen: 206.303 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086748.D
Acq: 21 May 2025 21:54

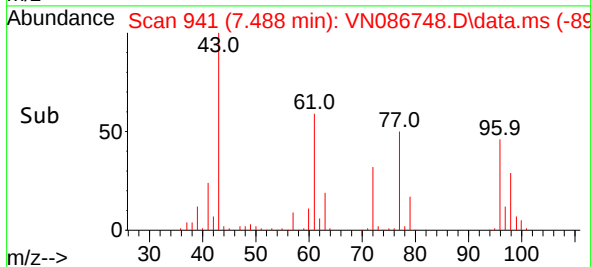
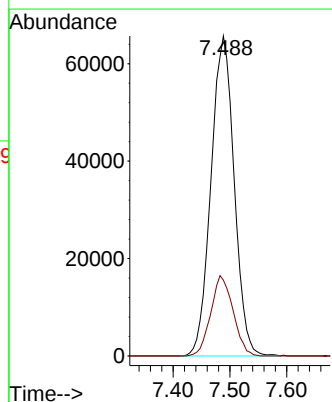
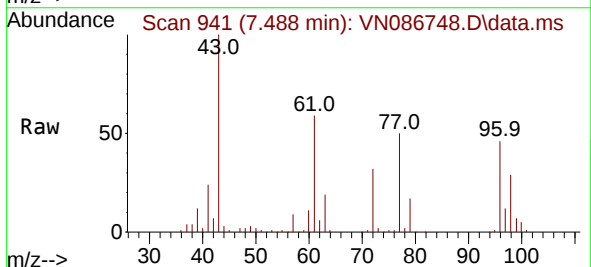
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

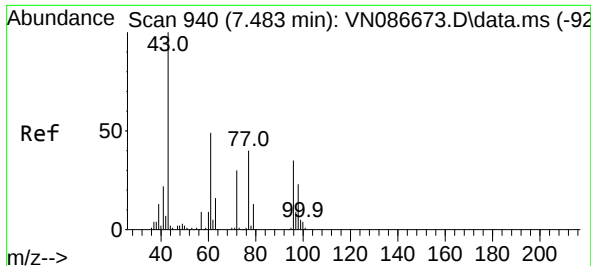
Tgt Ion: 43 Resp: 402402
Ion Ratio Lower Upper
43 100
72 31.9 23.1 34.7



#26
2,2-Dichloropropane
Concen: 41.311 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN086748.D
Acq: 21 May 2025 21:54

Tgt Ion: 77 Resp: 186169
Ion Ratio Lower Upper
77 100
97 24.1 11.6 34.7

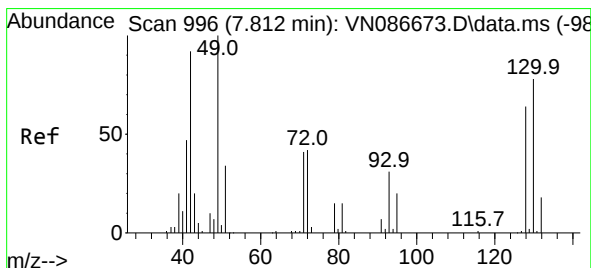
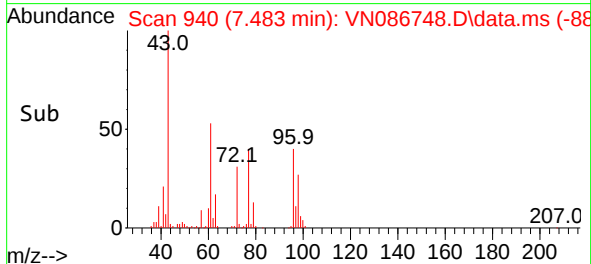
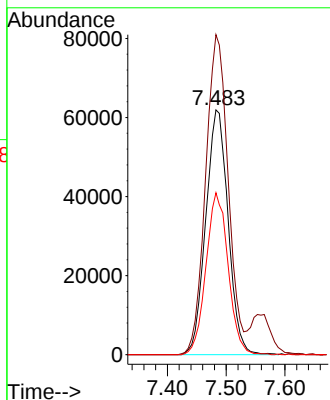
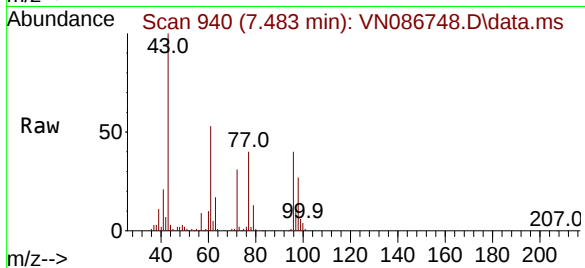




#27
 cis-1,2-Dichloroethene
 Concen: 46.392 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN086748.D
 Acq: 21 May 2025 21:54

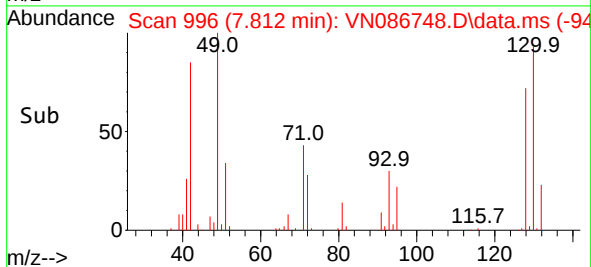
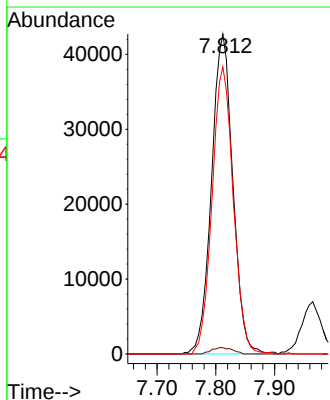
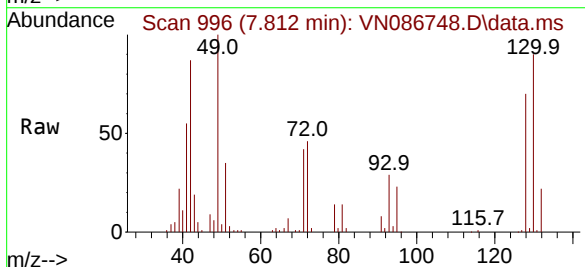
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

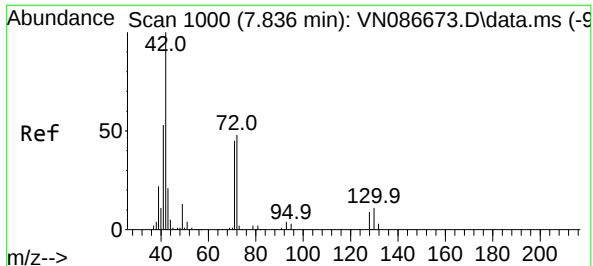
Tgt Ion: 96 Resp: 163984
 Ion Ratio Lower Upper
 96 100
 61 131.4 0.0 277.4
 98 65.4 0.0 129.6



#28
 Bromochloromethane
 Concen: 43.349 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN086748.D
 Acq: 21 May 2025 21:54

Tgt Ion: 49 Resp: 107550
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 89.2 62.2 93.4





#29

Tetrahydrofuran

Concen: 207.499 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086748.D

Acq: 21 May 2025 21:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

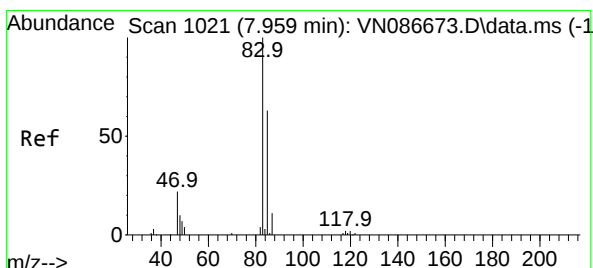
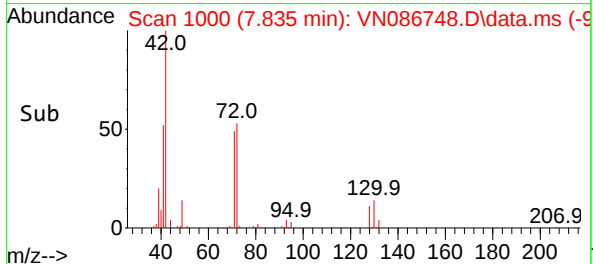
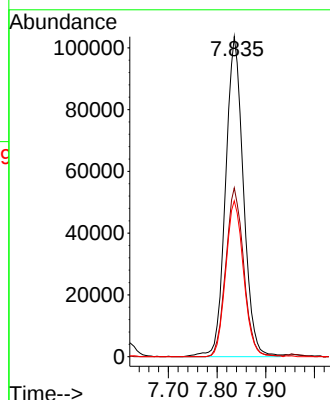
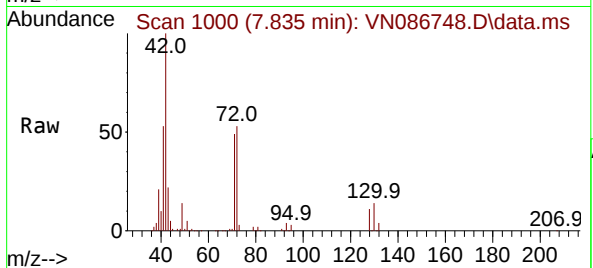
Tgt Ion: 42 Resp: 264177

Ion Ratio Lower Upper

42 100

72 52.8 38.7 58.1

71 48.8 36.2 54.4



#30

Chloroform

Concen: 44.886 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN086748.D

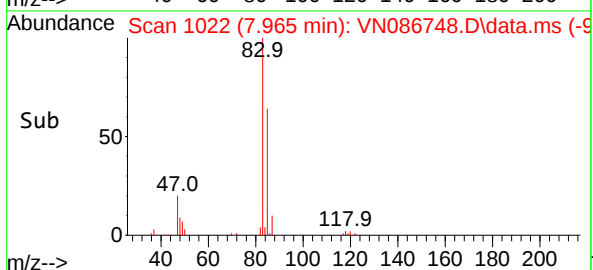
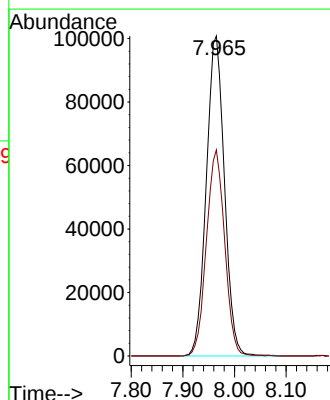
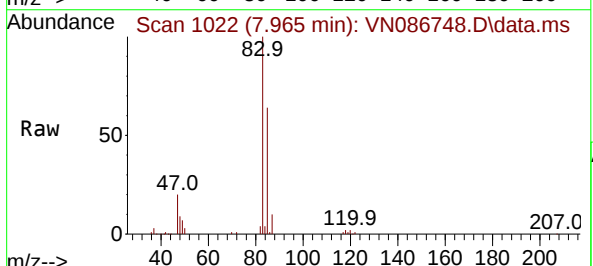
Acq: 21 May 2025 21:54

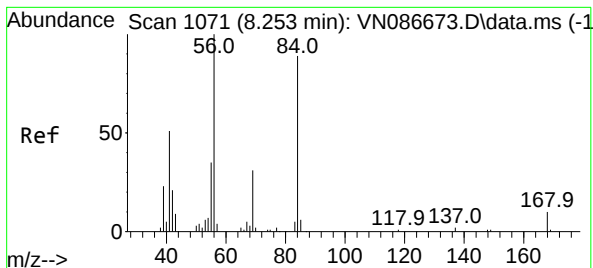
Tgt Ion: 83 Resp: 245335

Ion Ratio Lower Upper

83 100

85 64.4 50.2 75.4





#31

Cyclohexane

Concen: 40.799 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.000 min

Lab File: VN086748.D

Acq: 21 May 2025 21:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

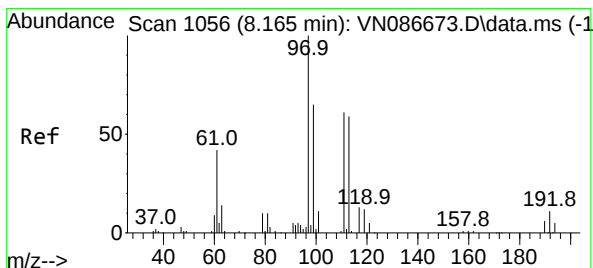
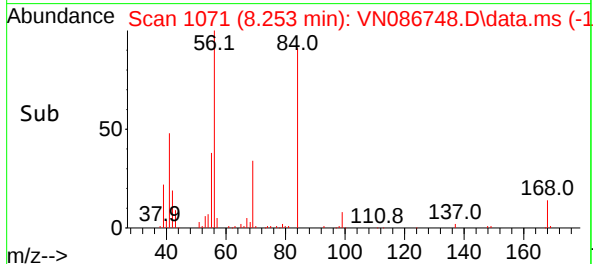
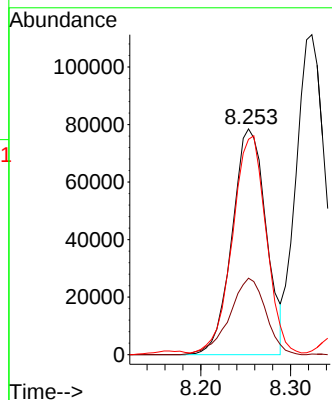
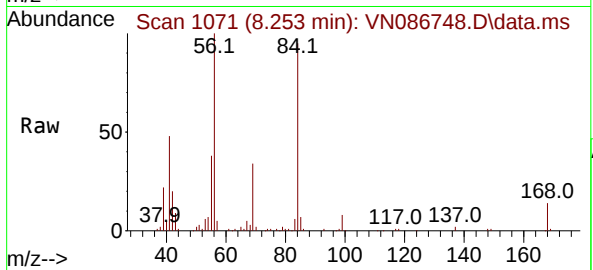
Tgt Ion: 56 Resp: 206627

Ion Ratio Lower Upper

56 100

69 33.9 25.0 37.6

84 93.9 71.0 106.4



#32

1,1,1-Trichloroethane

Concen: 46.443 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086748.D

Acq: 21 May 2025 21:54

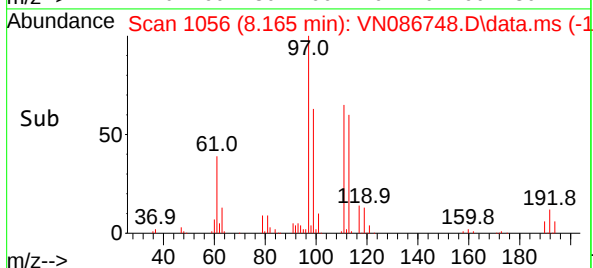
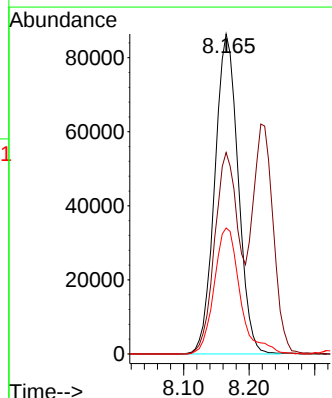
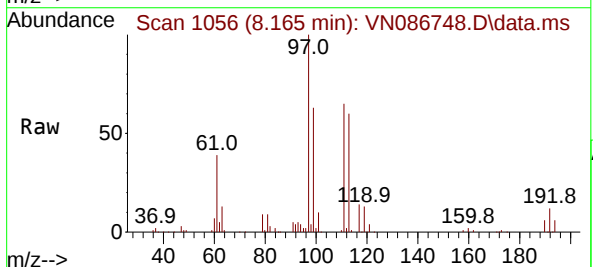
Tgt Ion: 97 Resp: 214019

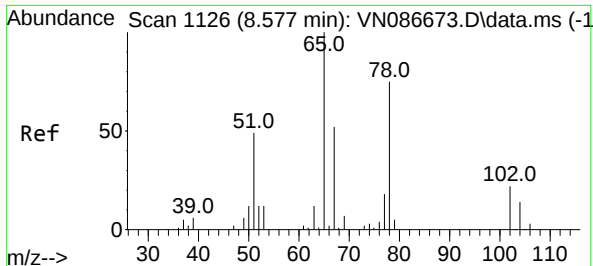
Ion Ratio Lower Upper

97 100

99 65.1 52.6 79.0

61 43.7 37.7 56.5





#33

1,2-Dichloroethane-d4

Concen: 44.451 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086748.D

Acq: 21 May 2025 21:54

Instrument :

MSVOA_N

ClientSampleId :

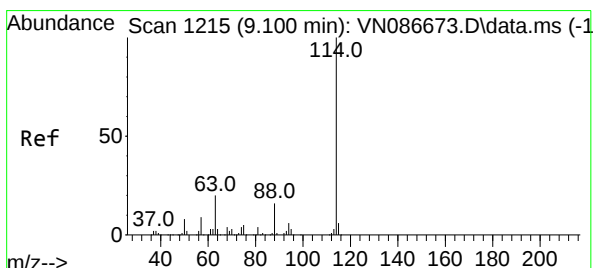
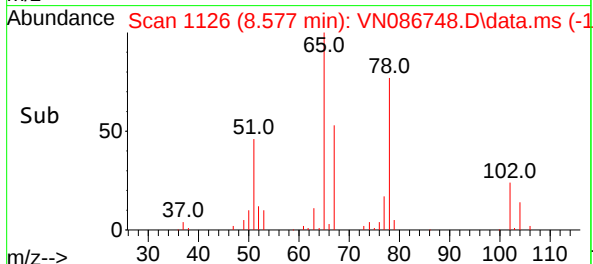
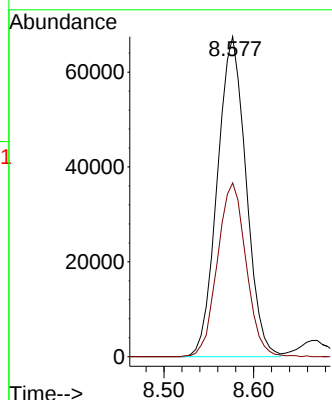
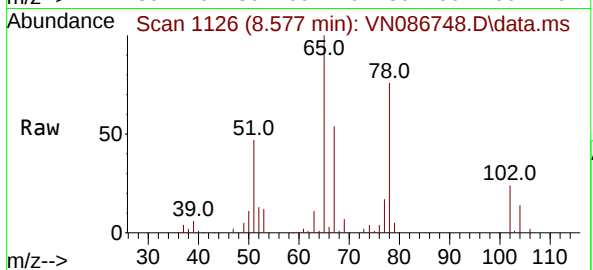
VSTDCCC050EC

Tgt Ion: 65 Resp: 149996

Ion Ratio Lower Upper

65 100

67 54.2 0.0 106.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086748.D

Acq: 21 May 2025 21:54

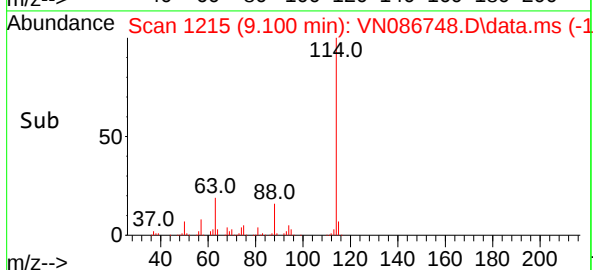
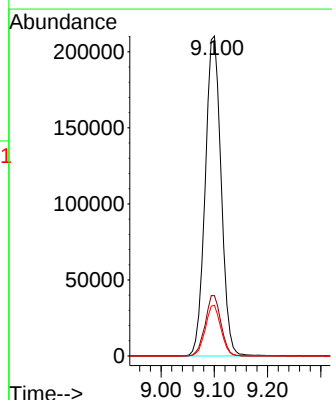
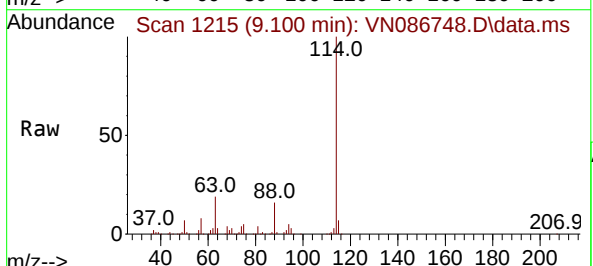
Tgt Ion: 114 Resp: 435891

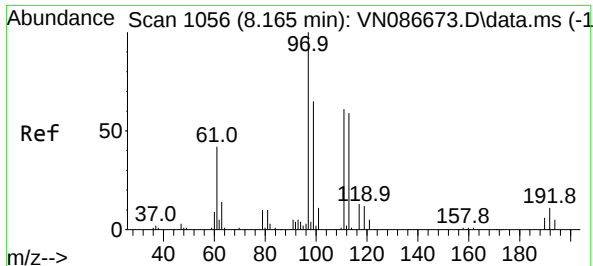
Ion Ratio Lower Upper

114 100

63 18.9 0.0 40.2

88 15.9 0.0 31.2





#35

Dibromofluoromethane

Concen: 49.203 ug/l

RT: 8.165 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086748.D

Acq: 21 May 2025 21:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

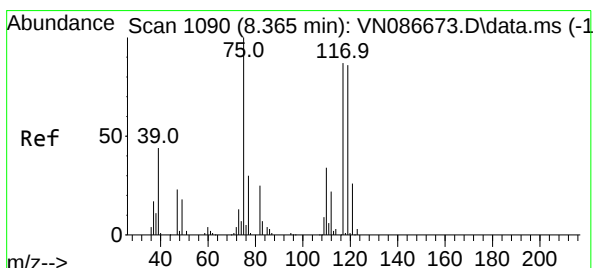
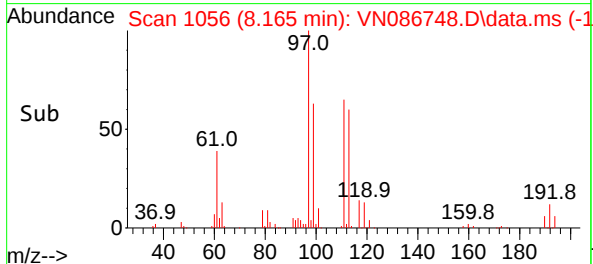
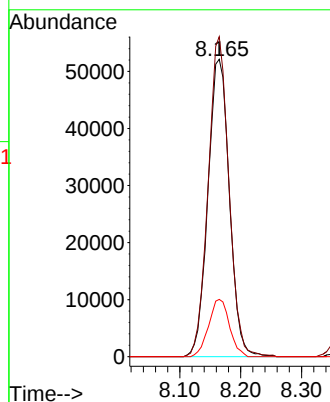
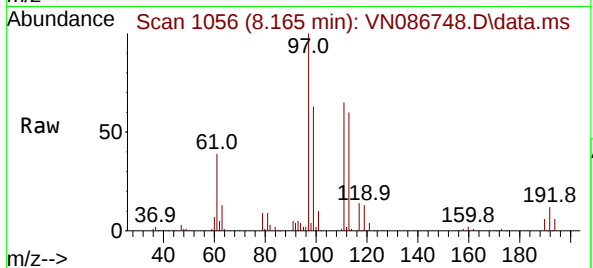
Tgt Ion:113 Resp: 127727

Ion Ratio Lower Upper

113 100

111 103.9 82.2 123.2

192 18.6 13.8 20.8



#36

1,1-Dichloropropene

Concen: 46.478 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.006 min

Lab File: VN086748.D

Acq: 21 May 2025 21:54

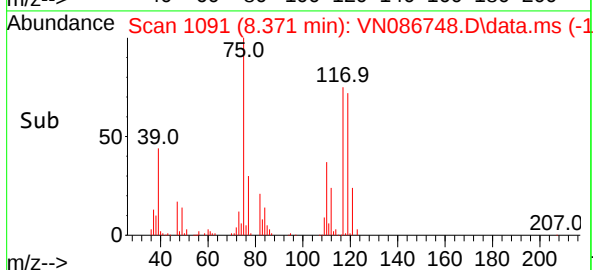
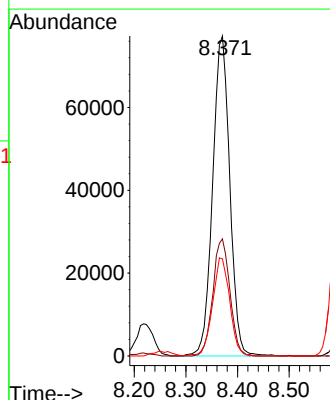
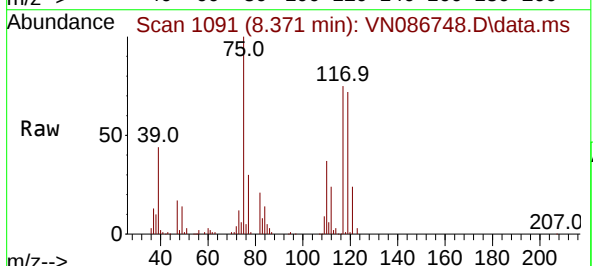
Tgt Ion: 75 Resp: 177970

Ion Ratio Lower Upper

75 100

110 36.4 17.5 52.5

77 30.8 25.1 37.7

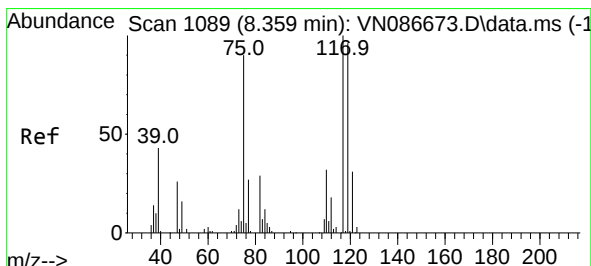
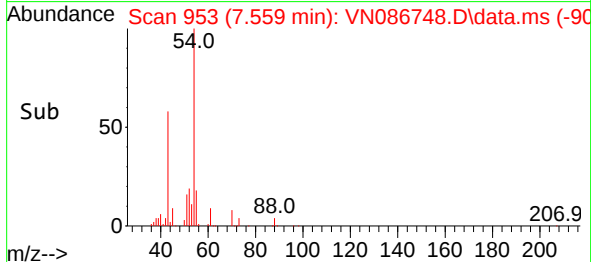
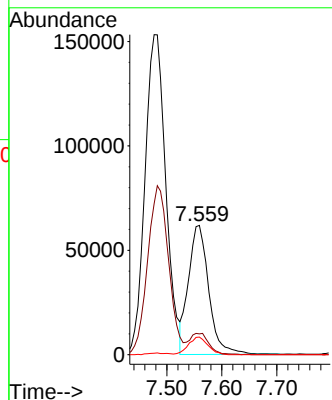
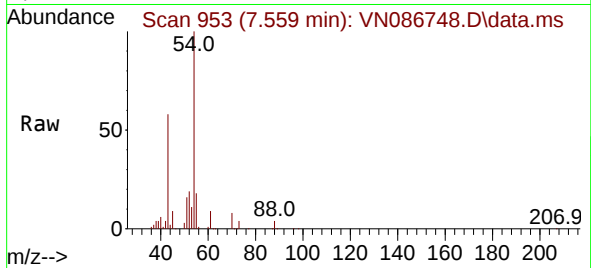




#37
Ethyl Acetate
Concen: 41.156 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086748.D
Acq: 21 May 2025 21:54

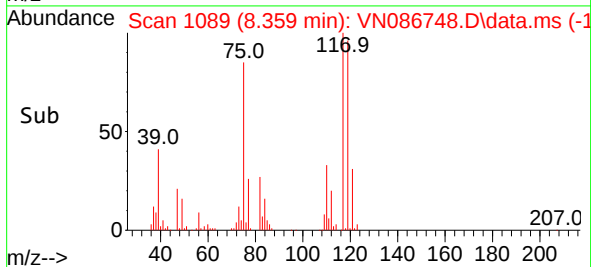
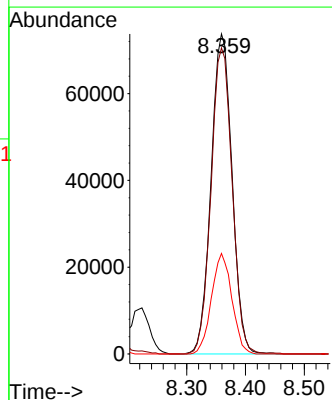
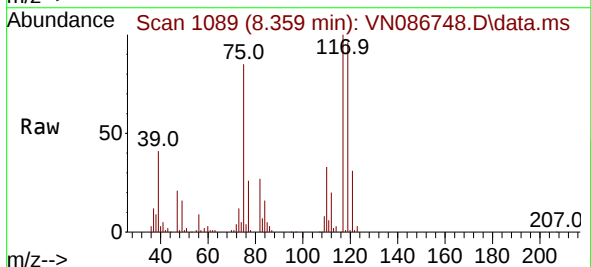
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

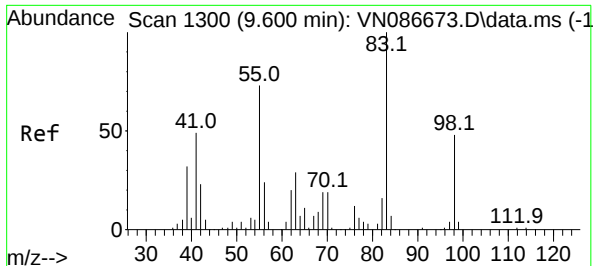
Tgt Ion: 43 Resp: 159187
Ion Ratio Lower Upper
43 100
61 15.1 11.6 17.4
70 13.0 9.4 14.0



#38
Carbon Tetrachloride
Concen: 48.434 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN086748.D
Acq: 21 May 2025 21:54

Tgt Ion: 117 Resp: 182730
Ion Ratio Lower Upper
117 100
119 95.7 77.0 115.6
121 31.4 25.0 37.6





#39

Methylcyclohexane

Concen: 47.366 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN086748.D

Acq: 21 May 2025 21:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

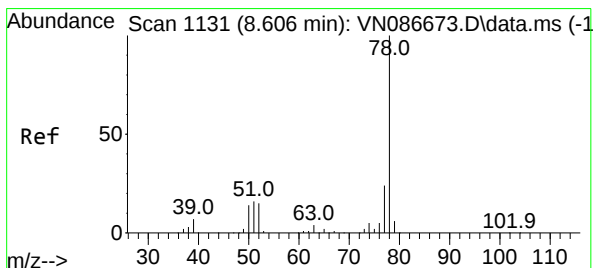
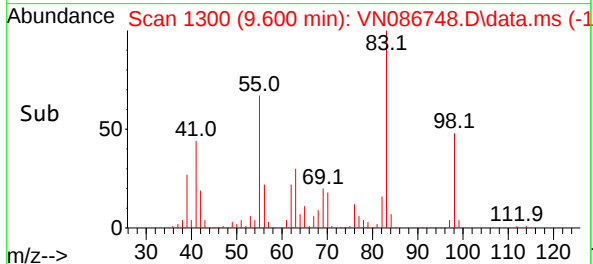
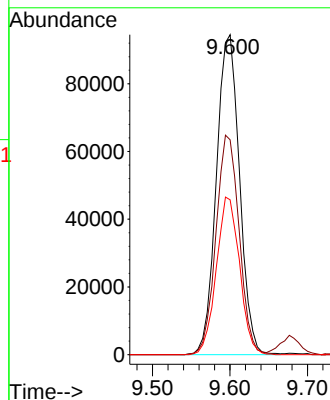
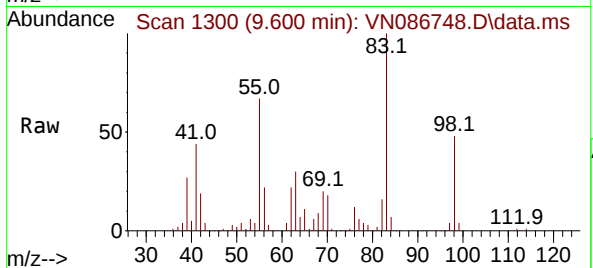
Tgt Ion: 83 Resp: 196298

Ion Ratio Lower Upper

83 100

55 67.2 58.2 87.4

98 48.4 38.4 57.6



#40

Benzene

Concen: 46.081 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN086748.D

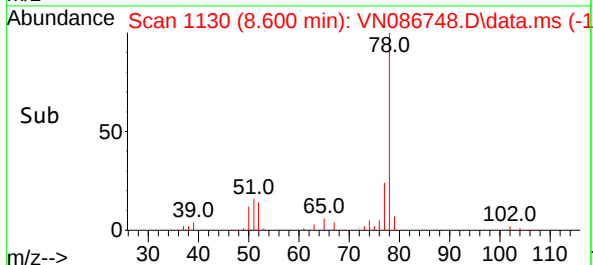
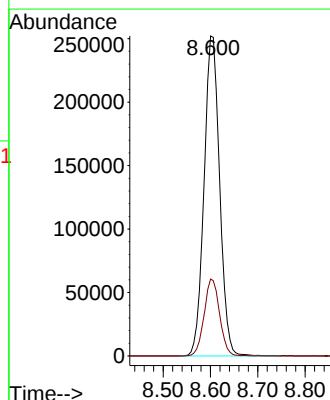
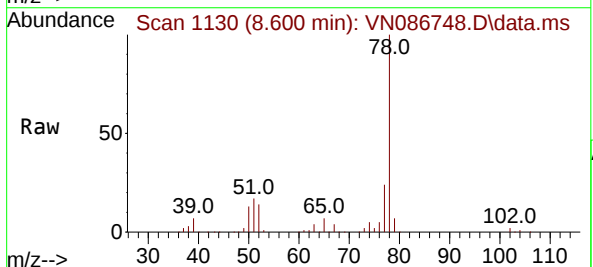
Acq: 21 May 2025 21:54

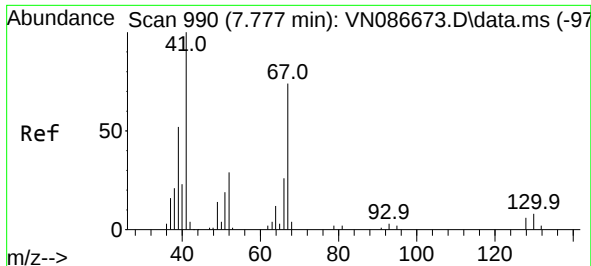
Tgt Ion: 78 Resp: 575605

Ion Ratio Lower Upper

78 100

77 24.1 19.1 28.7

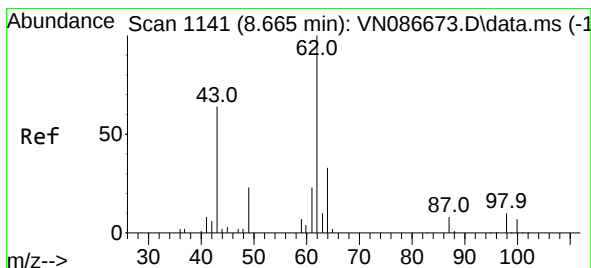
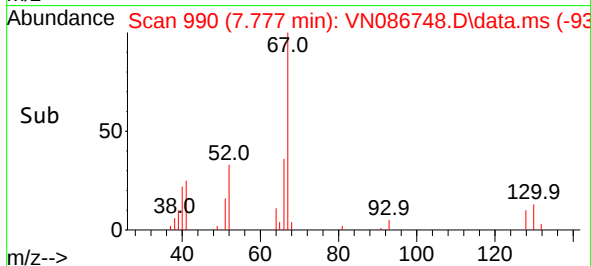
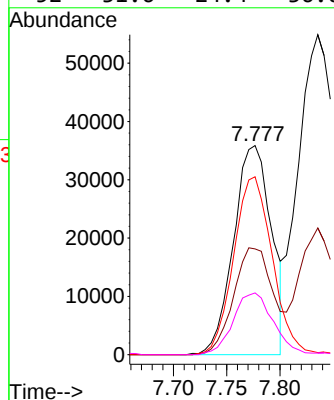
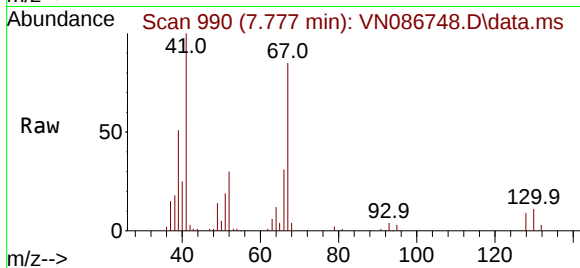




#41
Methacrylonitrile
Concen: 42.482 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN086748.D
Acq: 21 May 2025 21:54

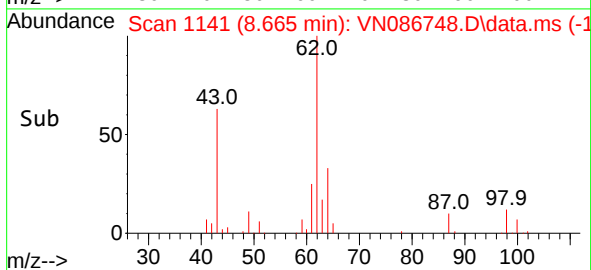
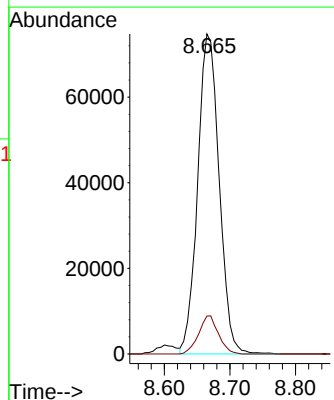
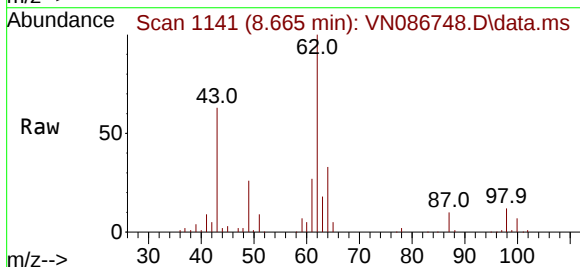
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

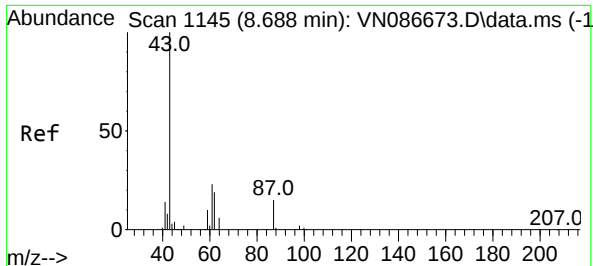
Tgt Ion:	41	Resp:	88720
Ion	Ratio	Lower	Upper
41	100		
39	54.5	44.9	67.3
67	87.3	63.4	95.0
52	31.6	24.4	36.6



#42
1,2-Dichloroethane
Concen: 43.771 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086748.D
Acq: 21 May 2025 21:54

Tgt Ion:	62	Resp:	170337
Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	19.2

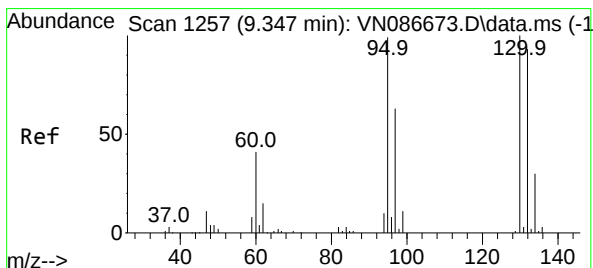
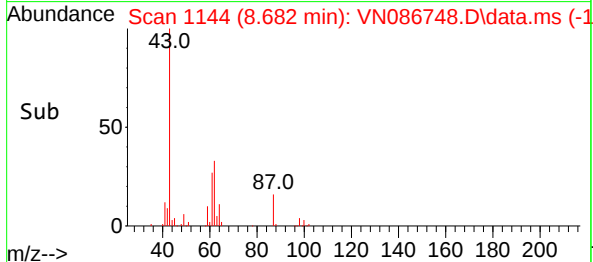
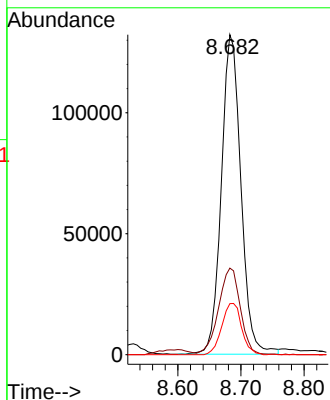
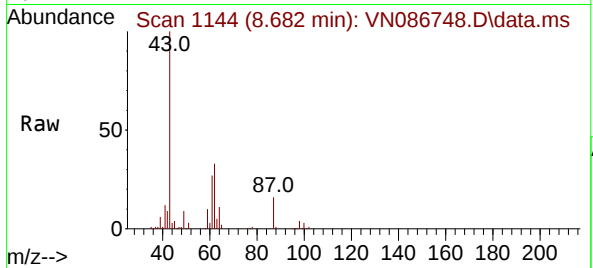




#43
Isopropyl Acetate
Concen: 36.748 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN086748.D
Acq: 21 May 2025 21:54

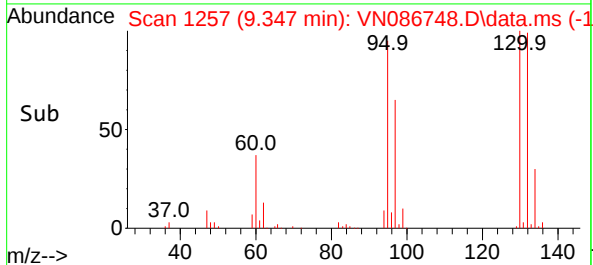
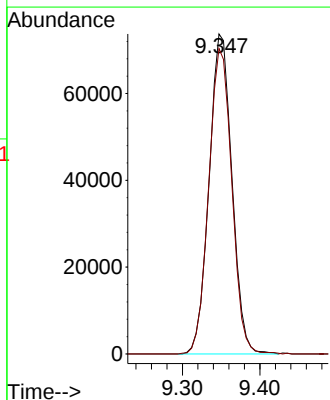
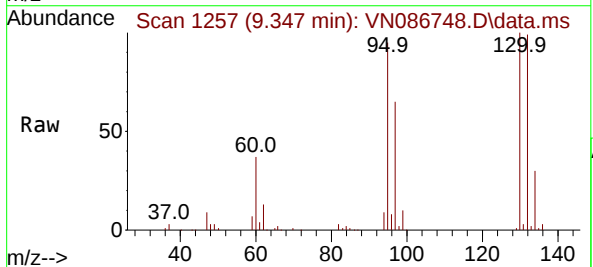
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

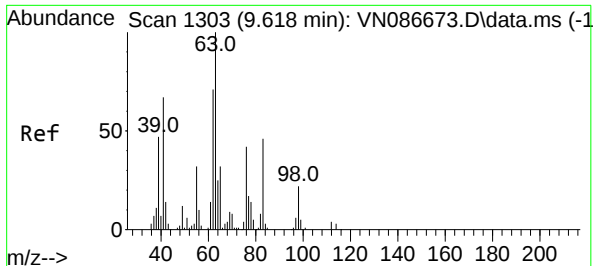
Tgt Ion: 43 Resp: 284941
Ion Ratio Lower Upper
43 100
61 30.0 21.4 32.2
87 16.2 11.1 16.7



#44
Trichloroethene
Concen: 50.088 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086748.D
Acq: 21 May 2025 21:54

Tgt Ion: 130 Resp: 150906
Ion Ratio Lower Upper
130 100
95 95.5 0.0 197.0





#45

1,2-Dichloropropane

Concen: 46.252 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086748.D

Acq: 21 May 2025 21:54

Instrument :

MSVOA_N

ClientSampleId :

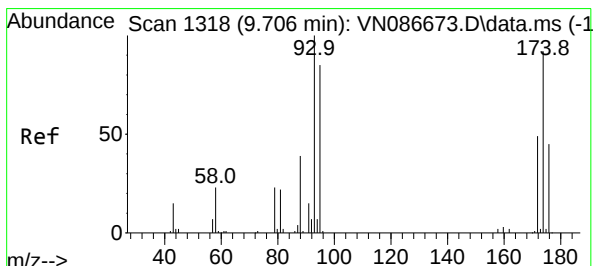
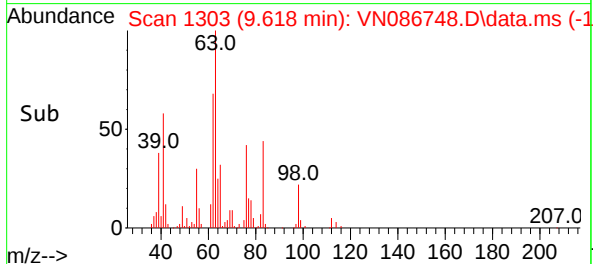
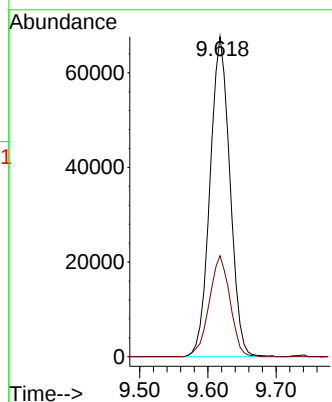
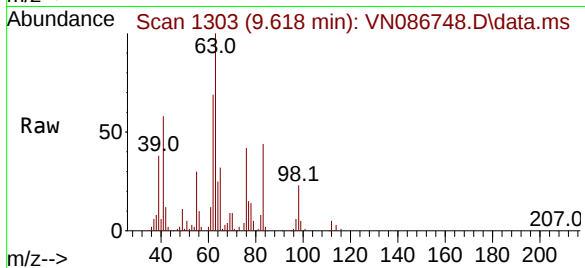
VSTDCCC050EC

Tgt Ion: 63 Resp: 137246

Ion Ratio Lower Upper

63 100

65 31.6 25.8 38.6



#46

Dibromomethane

Concen: 46.642 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086748.D

Acq: 21 May 2025 21:54

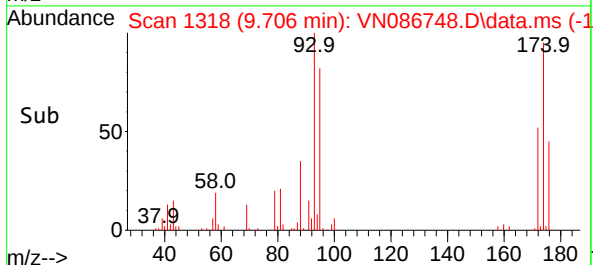
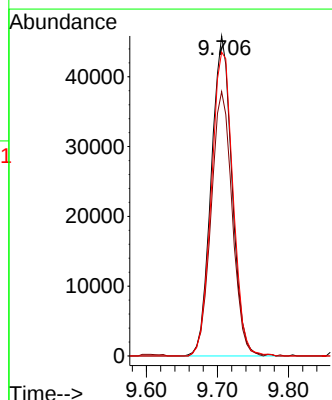
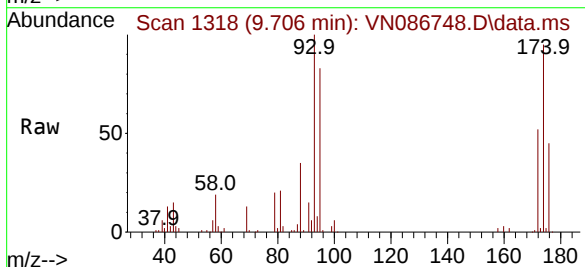
Tgt Ion: 93 Resp: 93389

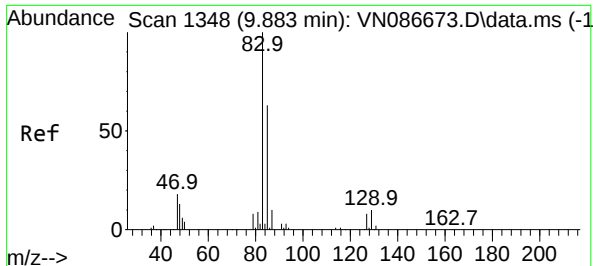
Ion Ratio Lower Upper

93 100

95 83.5 67.1 100.7

174 98.3 73.8 110.6





#47

Bromodichloromethane

Concen: 46.852 ug/l

RT: 9.882 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086748.D

Acq: 21 May 2025 21:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

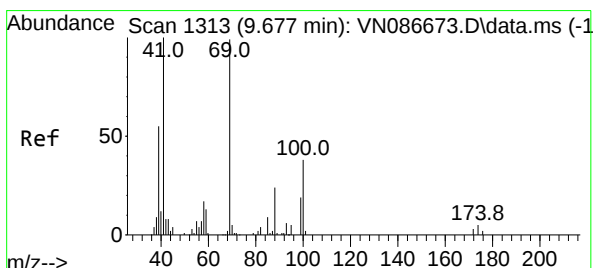
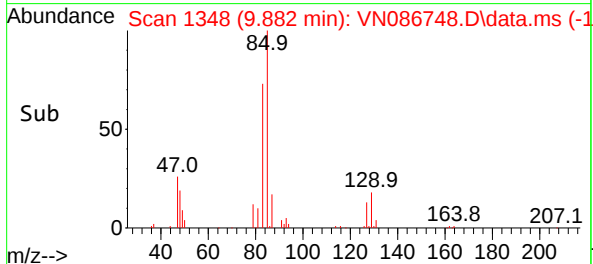
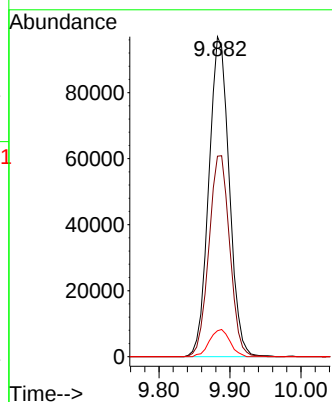
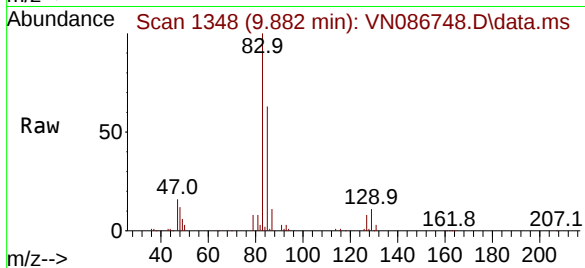
Tgt Ion: 83 Resp: 193289

Ion Ratio Lower Upper

83 100

85 62.7 50.1 75.1

127 8.1 6.2 9.4



#48

Methyl methacrylate

Concen: 43.570 ug/l

RT: 9.677 min Scan# 1313

Delta R.T. -0.000 min

Lab File: VN086748.D

Acq: 21 May 2025 21:54

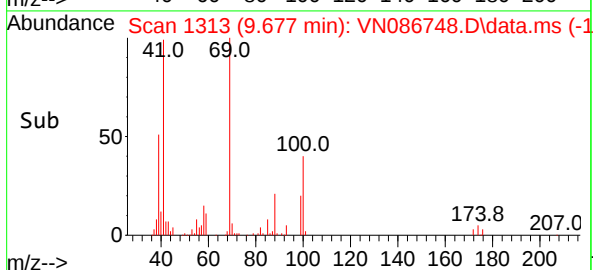
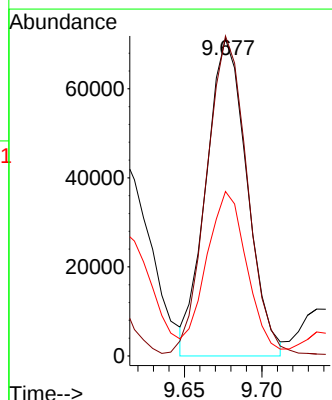
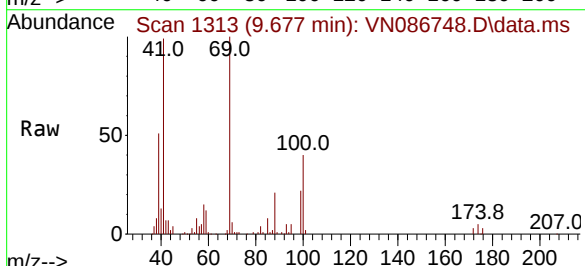
Tgt Ion: 41 Resp: 130914

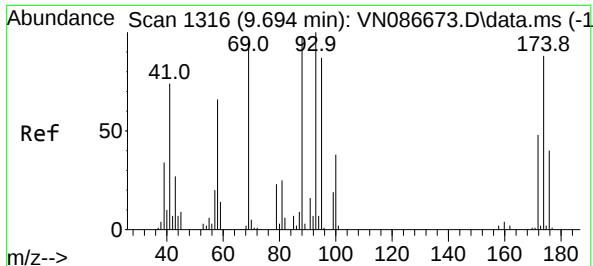
Ion Ratio Lower Upper

41 100

69 101.6 74.1 111.1

39 51.8 44.1 66.1





#49

1,4-Dioxane

Concen: 919.643 ug/l

RT: 9.694 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086748.D

Acq: 21 May 2025 21:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

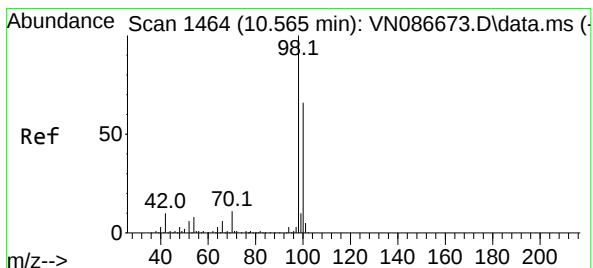
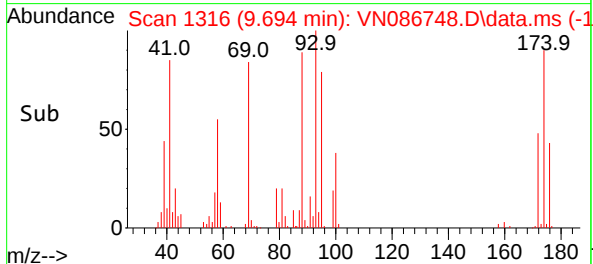
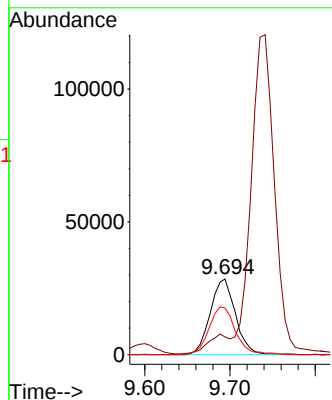
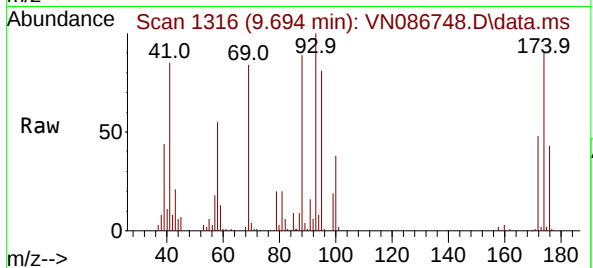
Tgt Ion: 88 Resp: 58511

Ion Ratio Lower Upper

88 100

43 22.1 23.6 35.4#

58 66.4 55.3 82.9



#50

Toluene-d8

Concen: 49.176 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086748.D

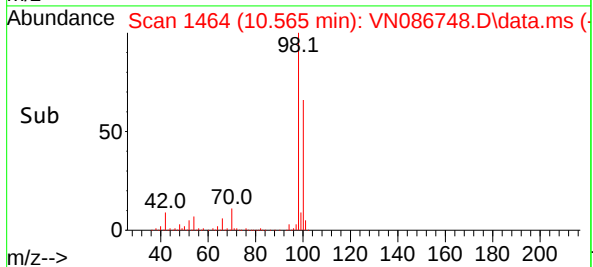
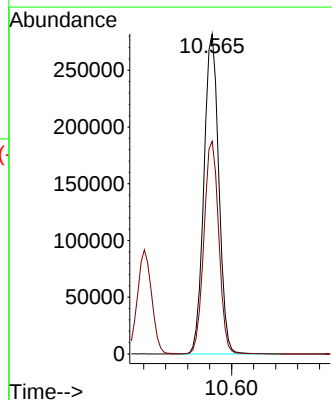
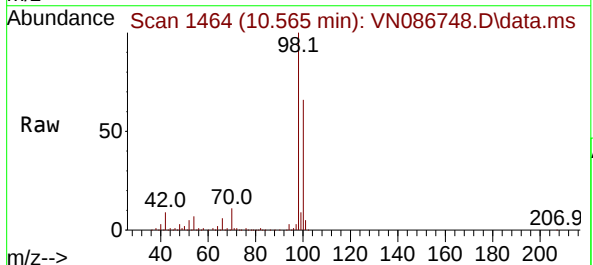
Acq: 21 May 2025 21:54

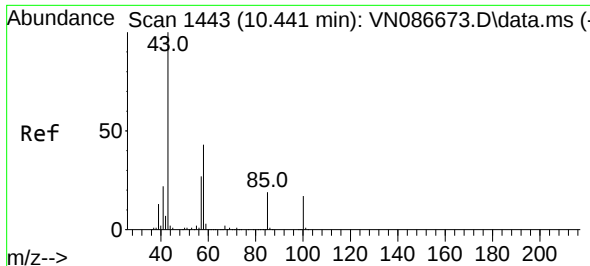
Tgt Ion: 98 Resp: 529017

Ion Ratio Lower Upper

98 100

100 66.5 52.9 79.3

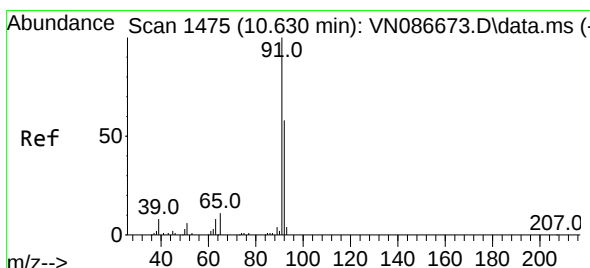
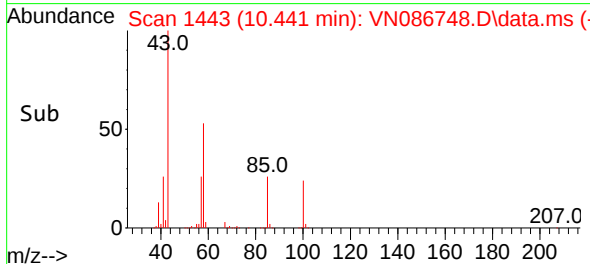
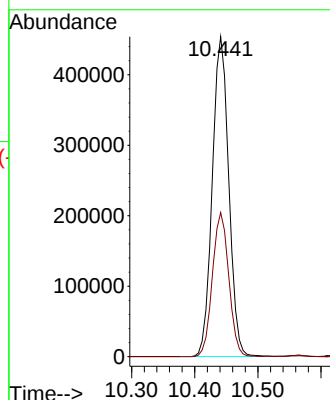
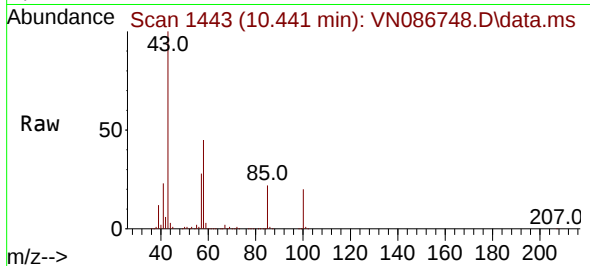




#51
4-Methyl-2-Pentanone
Concen: 210.215 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086748.D
Acq: 21 May 2025 21:54

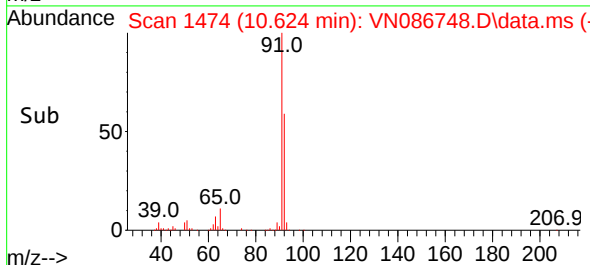
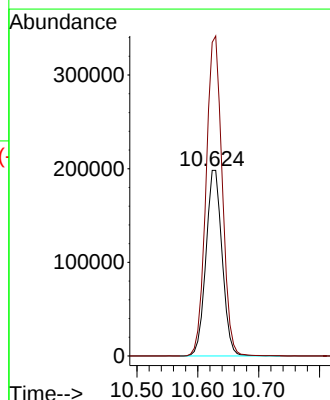
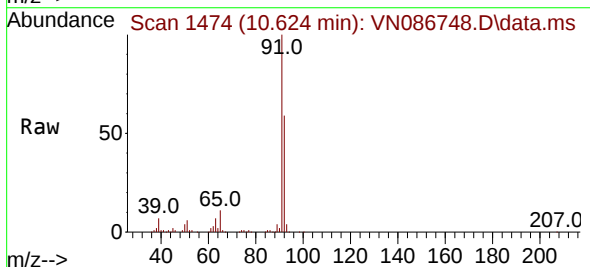
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

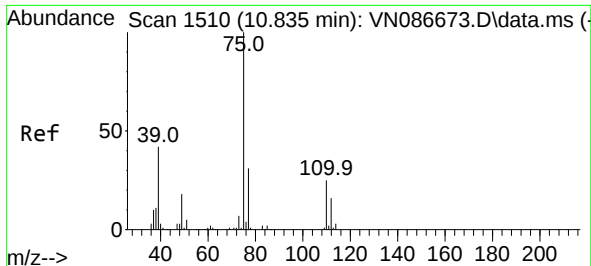
Tgt Ion: 43 Resp: 822002
Ion Ratio Lower Upper
43 100
58 44.9 33.9 50.9



#52
Toluene
Concen: 47.084 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN086748.D
Acq: 21 May 2025 21:54

Tgt Ion: 92 Resp: 365542
Ion Ratio Lower Upper
92 100
91 172.0 137.8 206.8

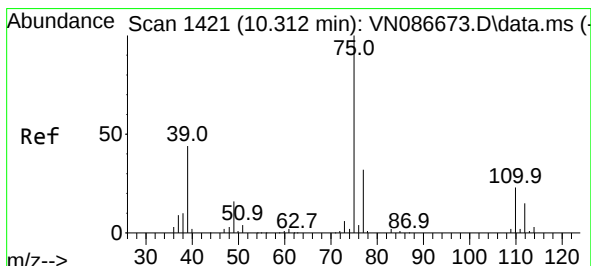
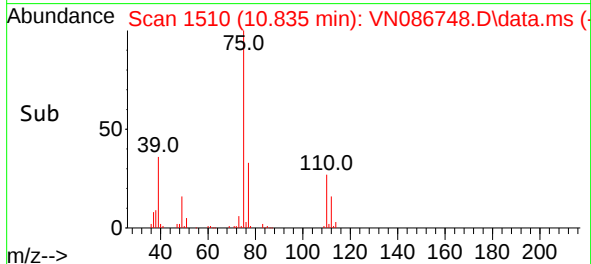
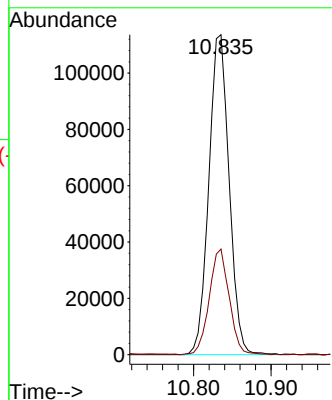
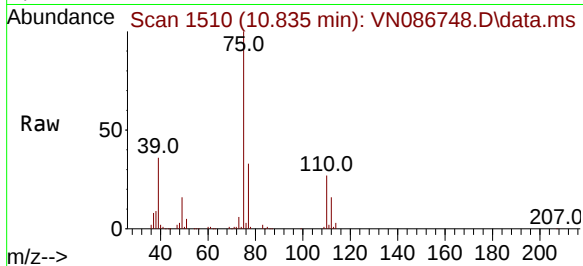




#53
t-1,3-Dichloropropene
Concen: 47.328 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN086748.D
Acq: 21 May 2025 21:54

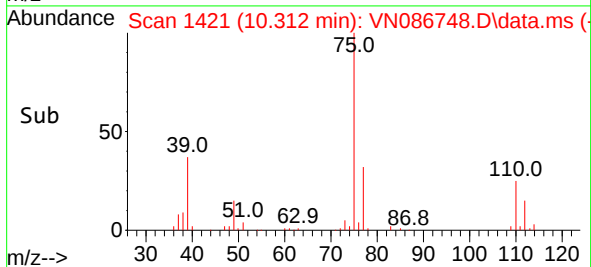
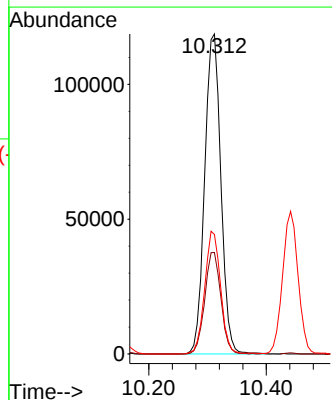
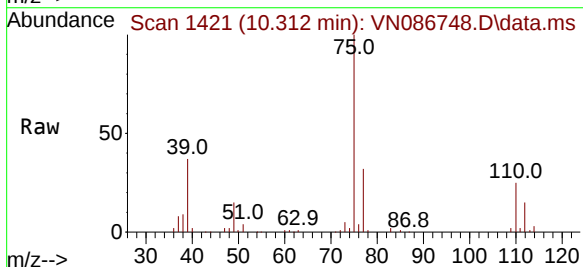
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

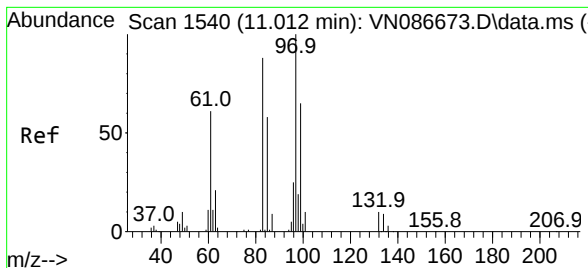
Tgt Ion: 75 Resp: 206727
Ion Ratio Lower Upper
75 100
77 33.0 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 47.542 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN086748.D
Acq: 21 May 2025 21:54

Tgt Ion: 75 Resp: 226687
Ion Ratio Lower Upper
75 100
77 31.7 25.3 37.9
39 37.4 35.2 52.8

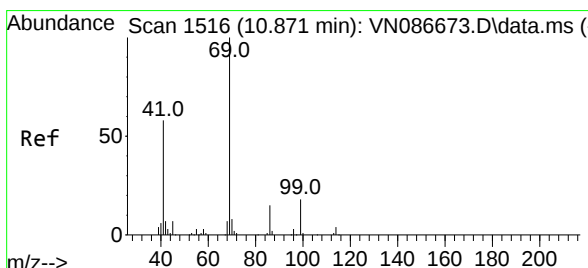
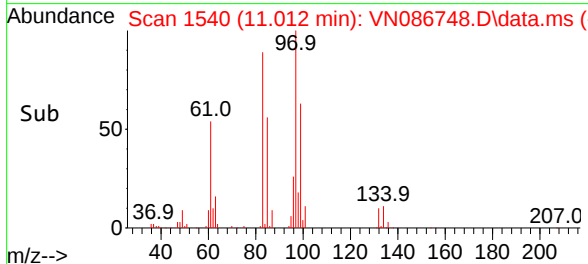
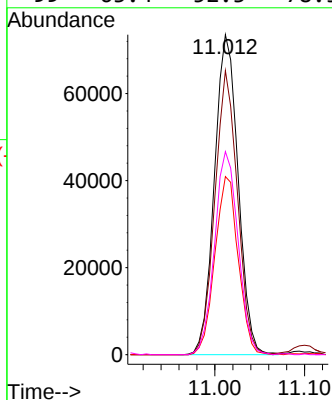
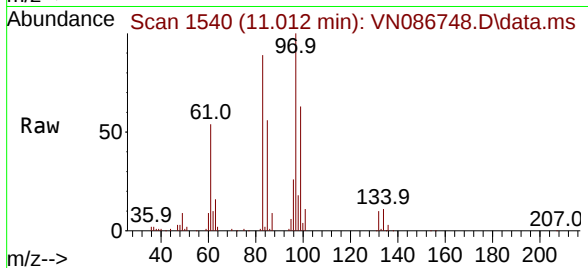




#55
1,1,2-Trichloroethane
Concen: 46.546 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086748.D
Acq: 21 May 2025 21:54

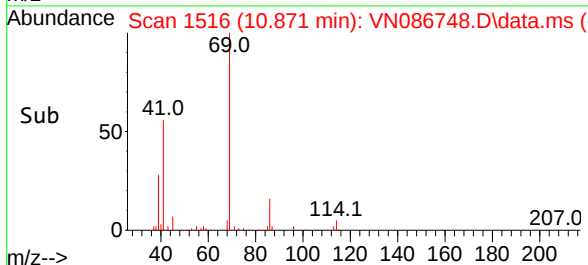
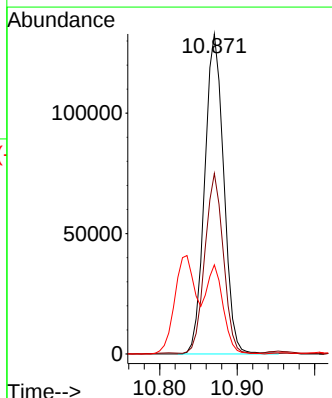
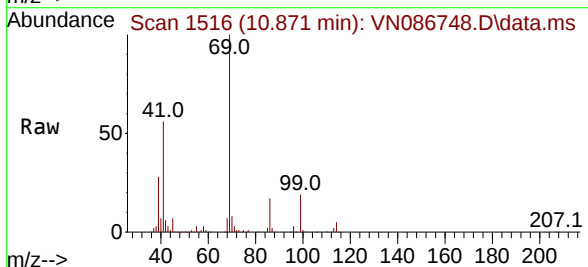
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

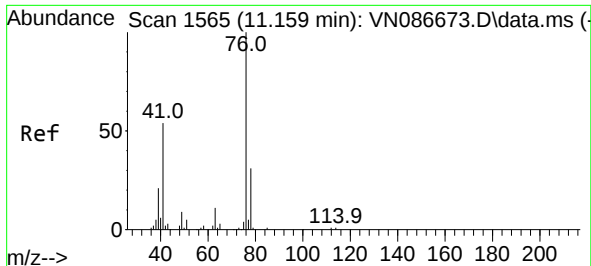
Tgt Ion:	97	Resp:	134799
Ion	Ratio	Lower	Upper
97	100		
83	88.8	70.4	105.6
85	55.6	46.1	69.1
99	63.4	52.3	78.5



#56
Ethyl methacrylate
Concen: 48.748 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086748.D
Acq: 21 May 2025 21:54

Tgt Ion:	69	Resp:	226672
Ion	Ratio	Lower	Upper
69	100		
41	54.6	47.4	71.0
39	24.9	24.0	36.0





#57

1,3-Dichloropropane

Concen: 46.393 ug/l

RT: 11.159 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086748.D

Acq: 21 May 2025 21:54

Instrument :

MSVOA_N

ClientSampleId :

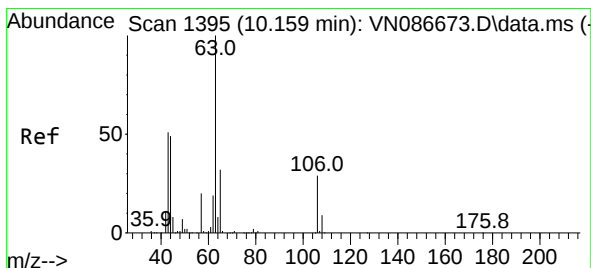
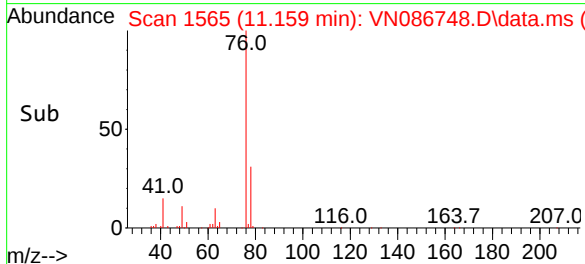
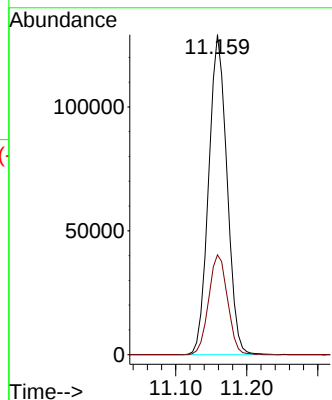
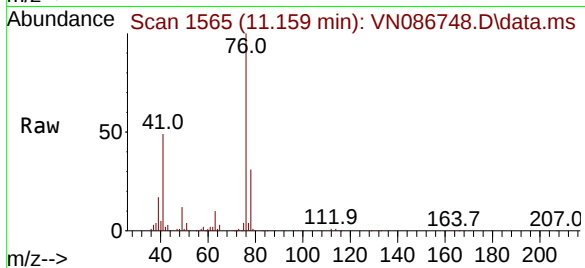
VSTDCCC050EC

Tgt Ion: 76 Resp: 231462

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 247.162 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN086748.D

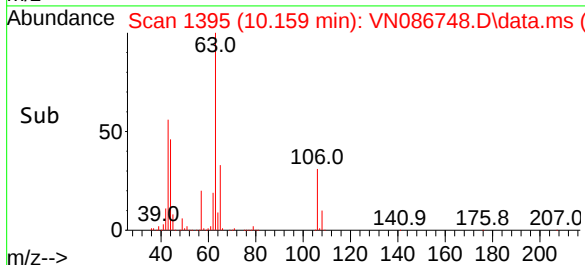
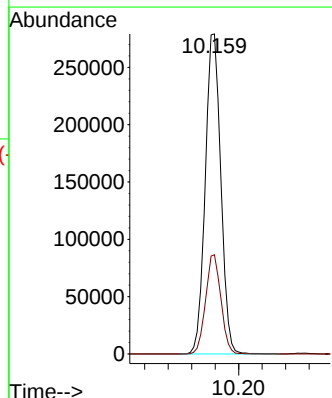
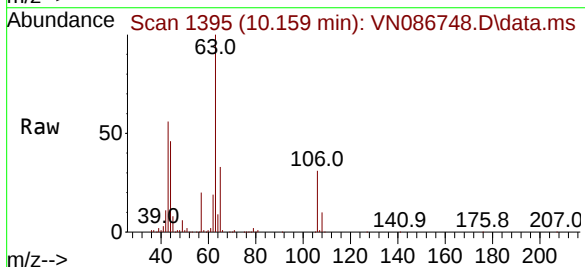
Acq: 21 May 2025 21:54

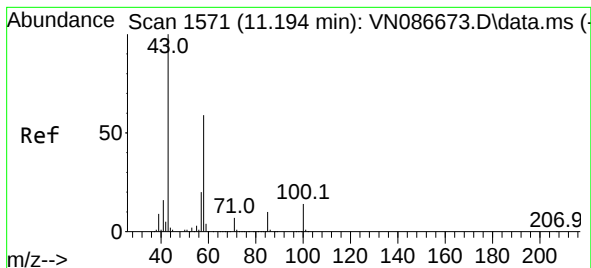
Tgt Ion: 63 Resp: 513639

Ion Ratio Lower Upper

63 100

106 30.4 23.1 34.7

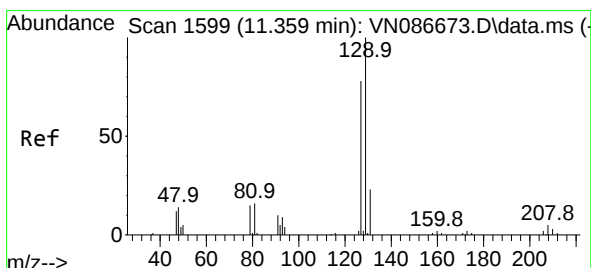
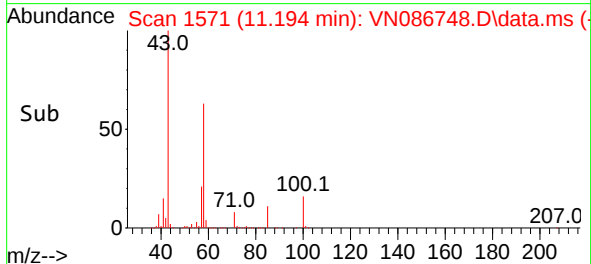
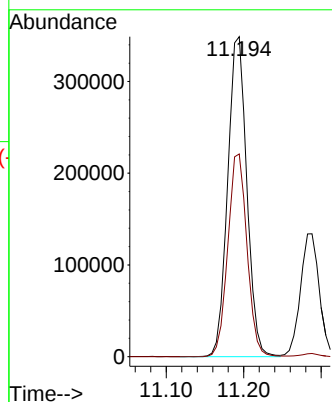
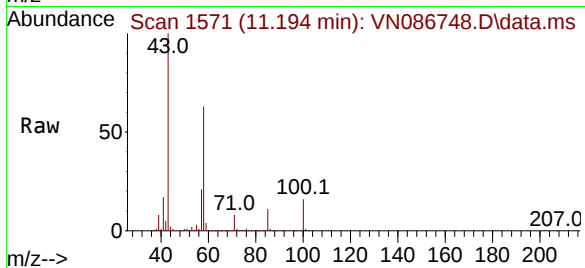




#59
2-Hexanone
Concen: 209.876 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086748.D
Acq: 21 May 2025 21:54

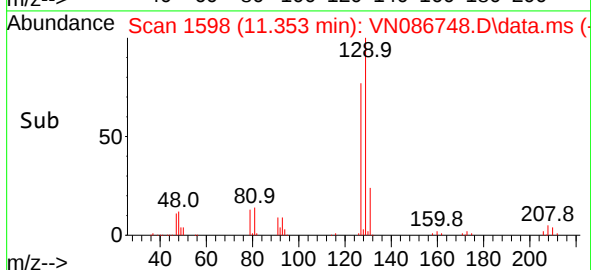
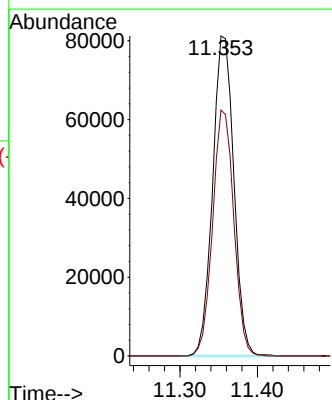
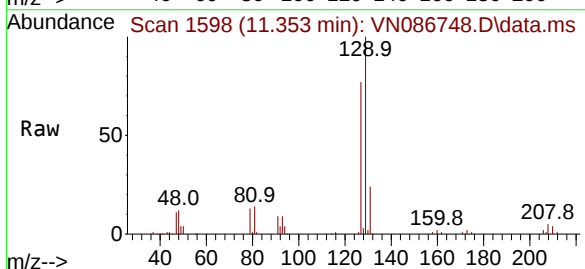
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

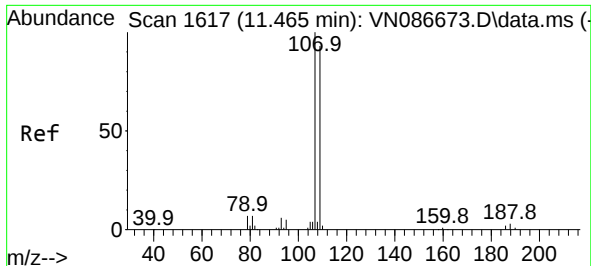
Tgt Ion: 43 Resp: 599302
Ion Ratio Lower Upper
43 100
58 63.5 29.8 89.5



#60
Dibromochloromethane
Concen: 50.903 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN086748.D
Acq: 21 May 2025 21:54

Tgt Ion: 129 Resp: 154495
Ion Ratio Lower Upper
129 100
127 76.6 39.5 118.3

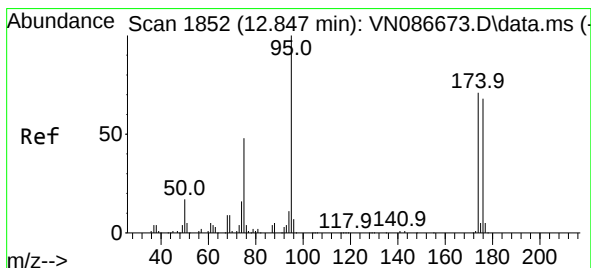
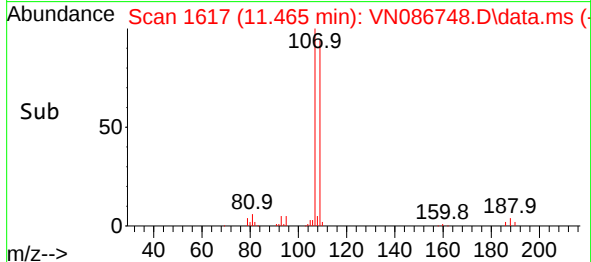
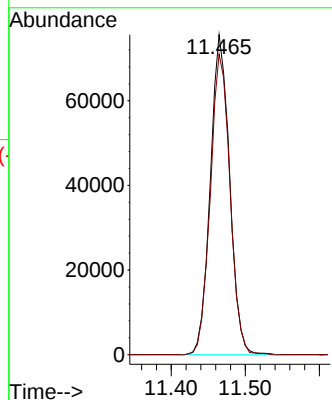
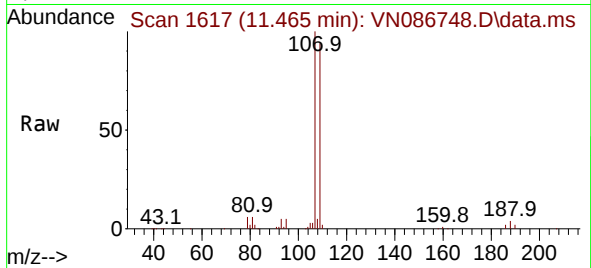




#61
1,2-Dibromoethane
Concen: 46.979 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086748.D
Acq: 21 May 2025 21:54

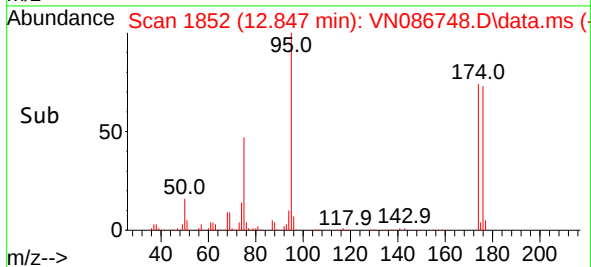
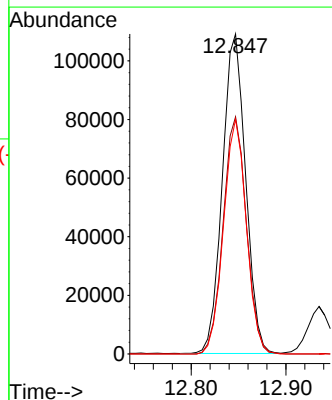
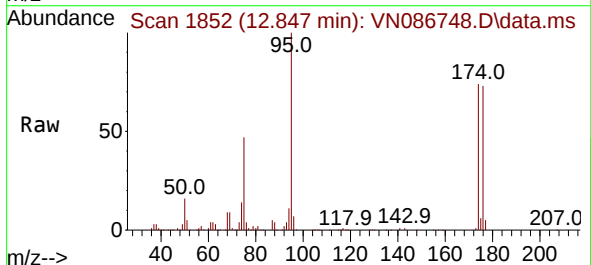
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

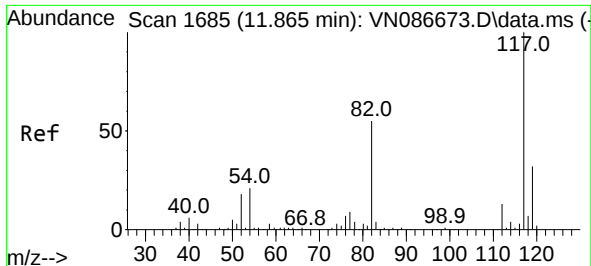
Tgt Ion:107 Resp: 136717
Ion Ratio Lower Upper
107 100
109 95.6 75.0 112.4



#62
4-Bromofluorobenzene
Concen: 48.887 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086748.D
Acq: 21 May 2025 21:54

Tgt Ion: 95 Resp: 185696
Ion Ratio Lower Upper
95 100
174 74.3 0.0 145.4
176 72.0 0.0 137.8

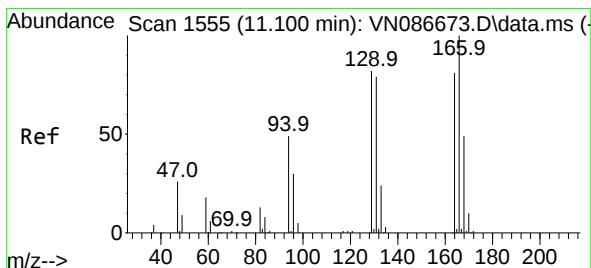
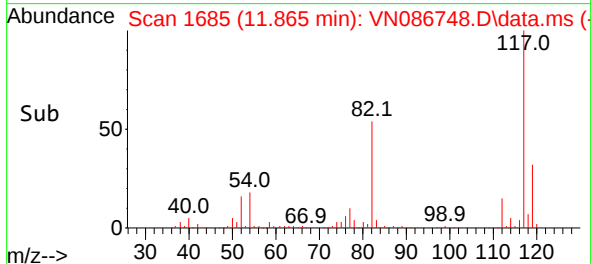
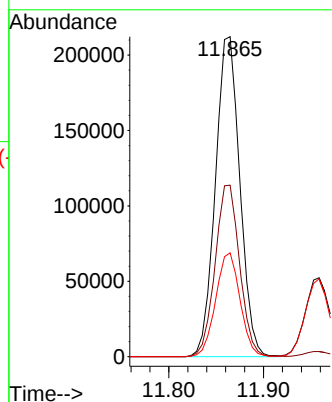
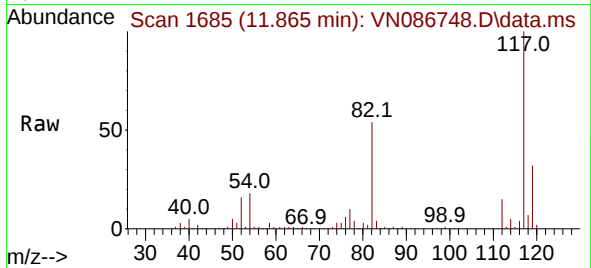




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086748.D
Acq: 21 May 2025 21:54

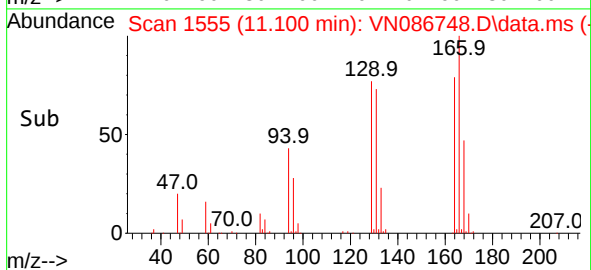
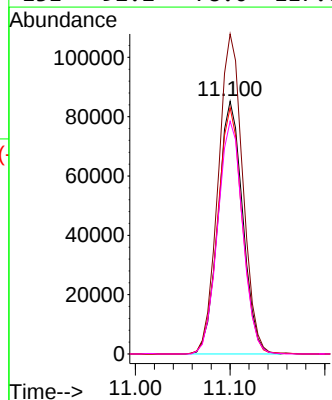
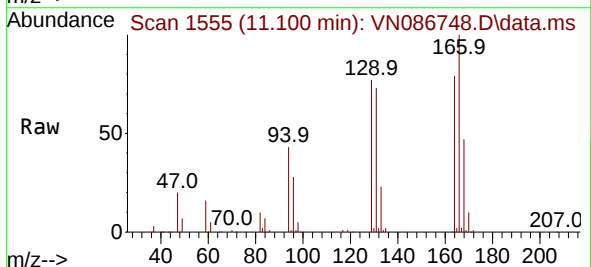
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

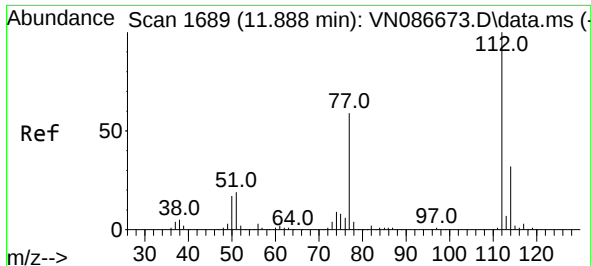
Tgt Ion:117 Resp: 381115
Ion Ratio Lower Upper
117 100
82 53.6 44.2 66.2
119 32.4 25.4 38.2



#64
Tetrachloroethene
Concen: 52.649 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086748.D
Acq: 21 May 2025 21:54

Tgt Ion:164 Resp: 153710
Ion Ratio Lower Upper
164 100
166 126.7 98.2 147.4
129 97.4 81.0 121.4
131 92.2 78.0 117.0

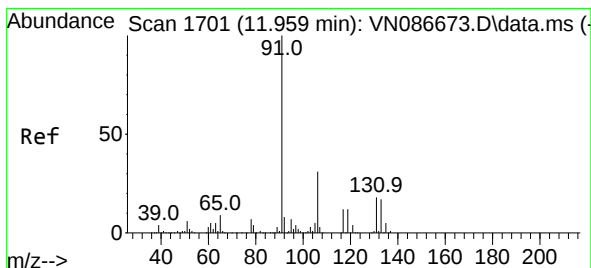
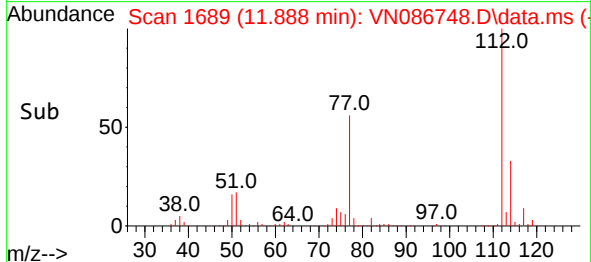
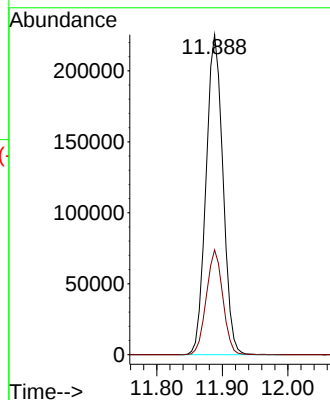
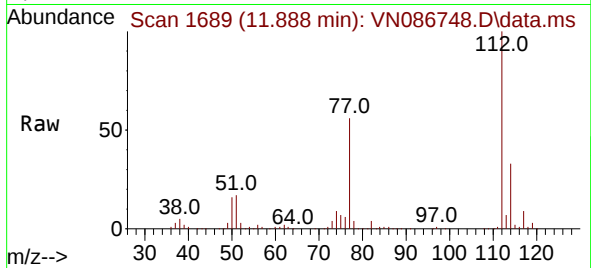




#65
Chlorobenzene
Concen: 48.370 ug/l
RT: 11.888 min Scan# 112
Delta R.T. -0.000 min
Lab File: VN086748.D
Acq: 21 May 2025 21:54

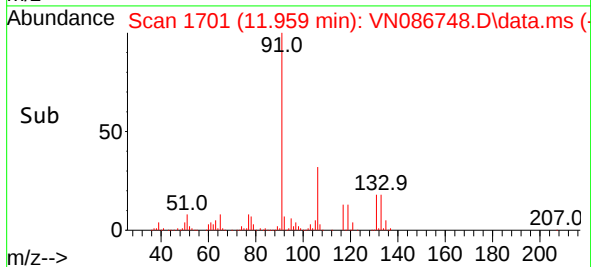
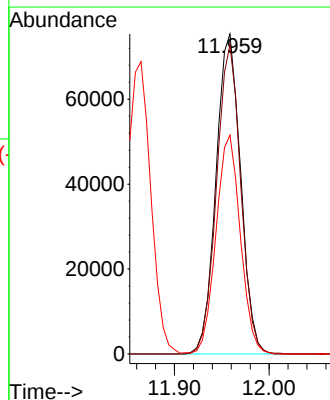
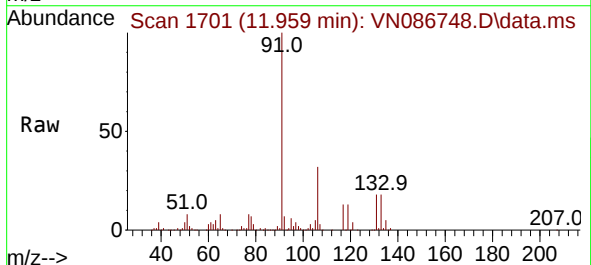
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

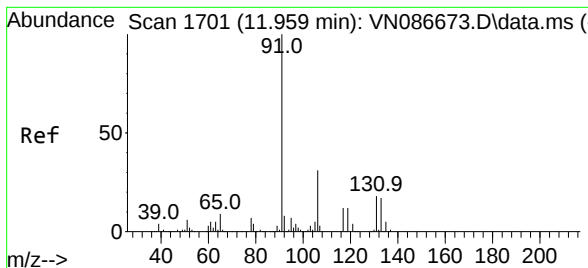
Tgt Ion:112 Resp: 404234
Ion Ratio Lower Upper
112 100
114 32.7 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 50.387 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086748.D
Acq: 21 May 2025 21:54

Tgt Ion:131 Resp: 135939
Ion Ratio Lower Upper
131 100
133 94.9 47.9 143.7
119 67.8 33.6 100.8

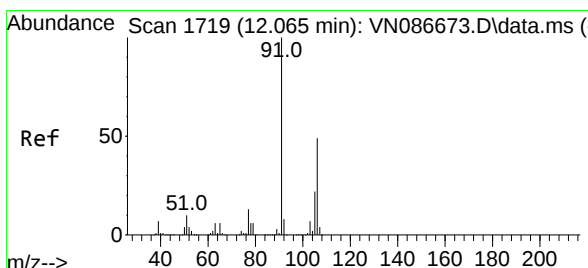
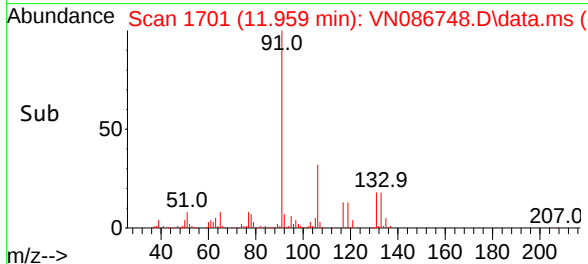
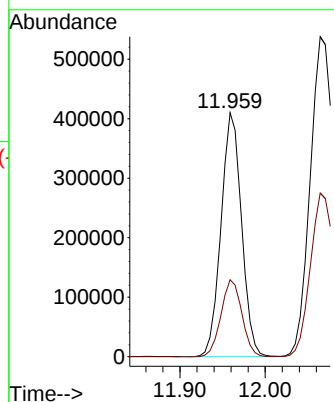
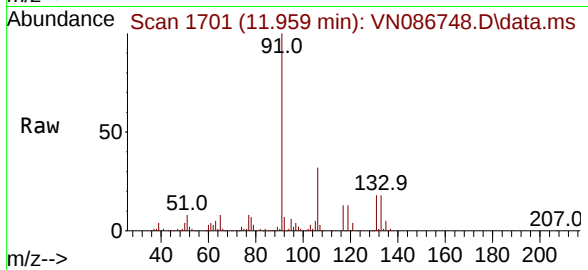




#67
Ethyl Benzene
Concen: 47.900 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086748.D
Acq: 21 May 2025 21:54

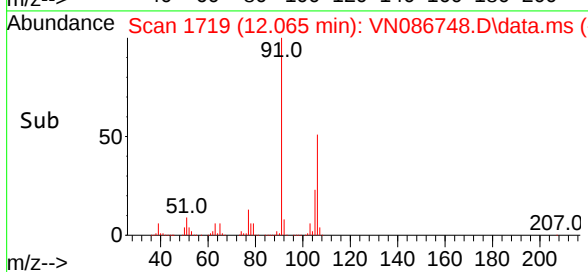
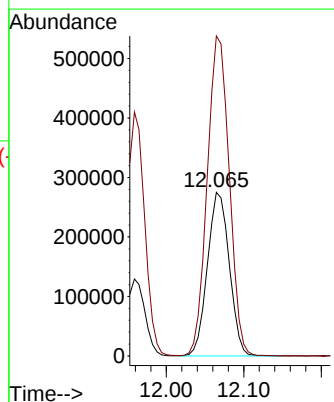
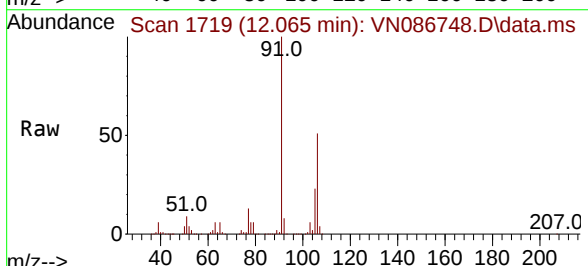
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

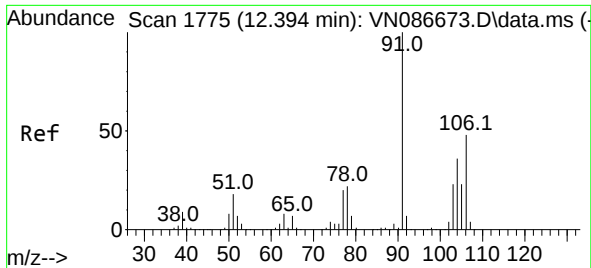
Tgt Ion: 91 Resp: 685664
Ion Ratio Lower Upper
91 100
106 31.6 24.6 36.8



#68
m/p-Xylenes
Concen: 99.494 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086748.D
Acq: 21 May 2025 21:54

Tgt Ion:106 Resp: 539434
Ion Ratio Lower Upper
106 100
91 197.3 162.4 243.6

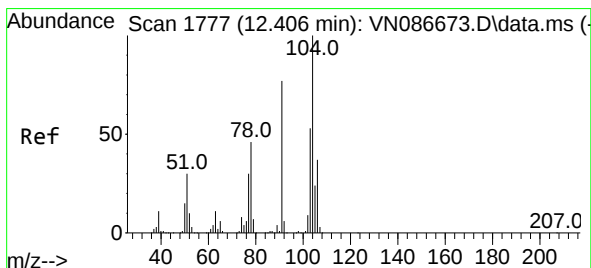
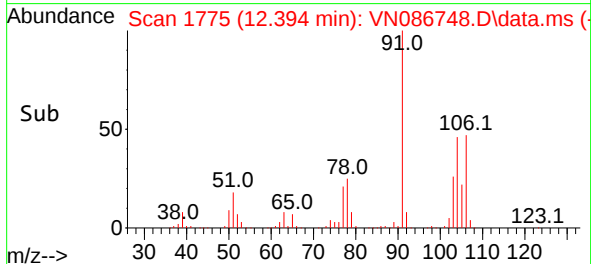
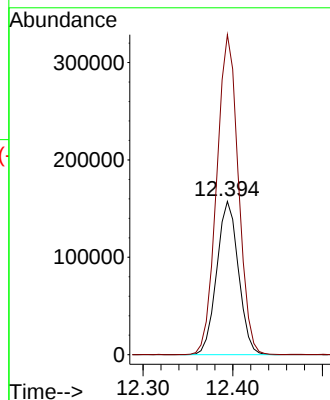
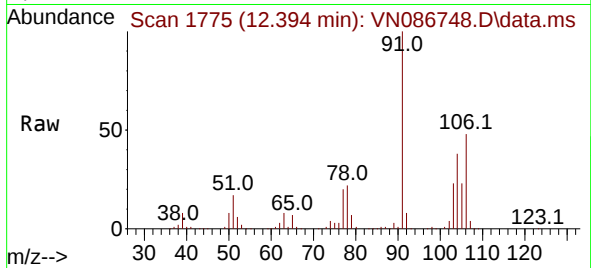




#69
o-Xylene
Concen: 49.035 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086748.D
Acq: 21 May 2025 21:54

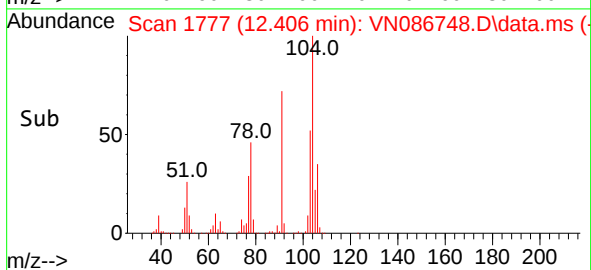
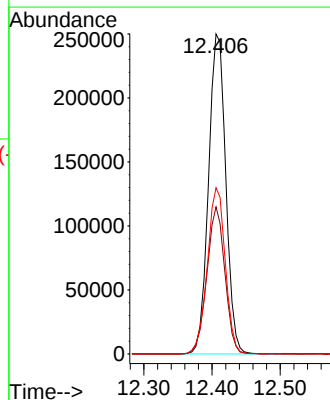
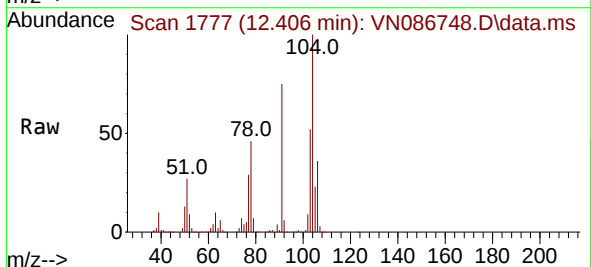
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

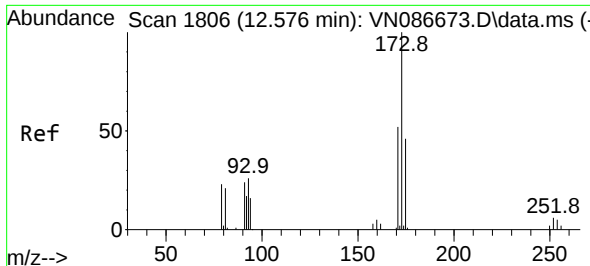
Tgt Ion:106 Resp: 264308
Ion Ratio Lower Upper
106 100
91 208.8 105.1 315.1



#70
Styrene
Concen: 49.892 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086748.D
Acq: 21 May 2025 21:54

Tgt Ion:104 Resp: 440292
Ion Ratio Lower Upper
104 100
78 47.8 39.0 58.6
103 54.2 43.8 65.8

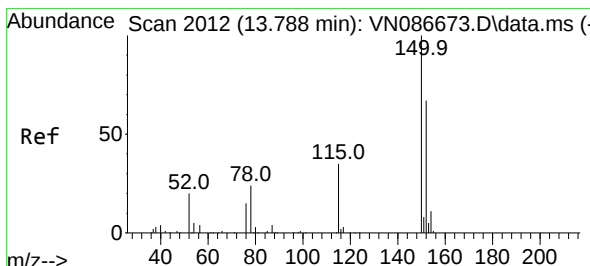
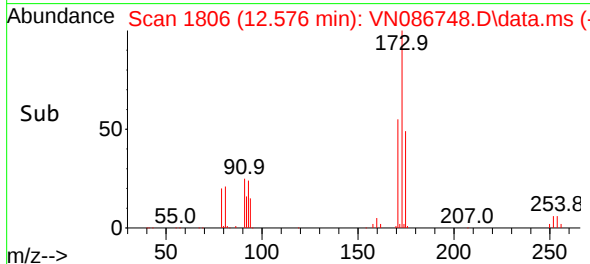
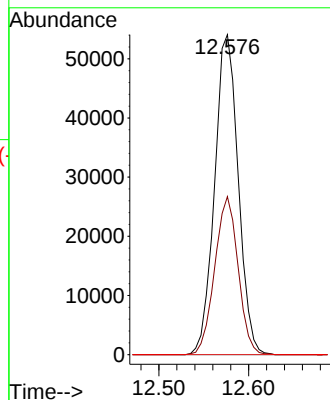
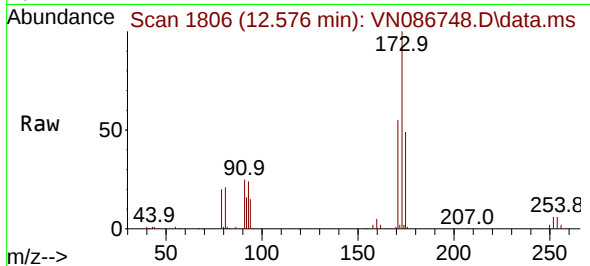




#71
Bromoform
Concen: 51.550 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086748.D
Acq: 21 May 2025 21:54

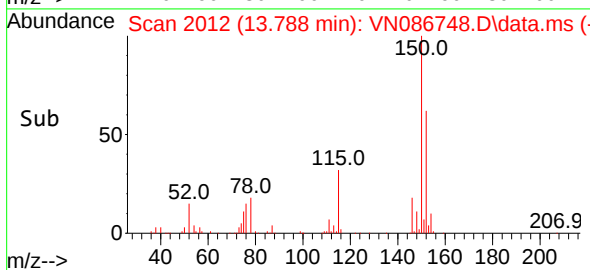
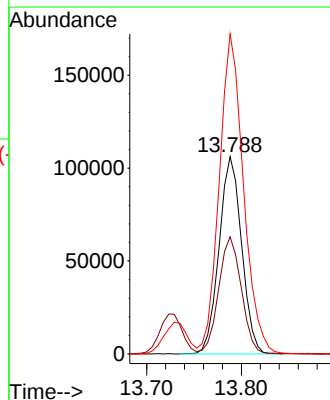
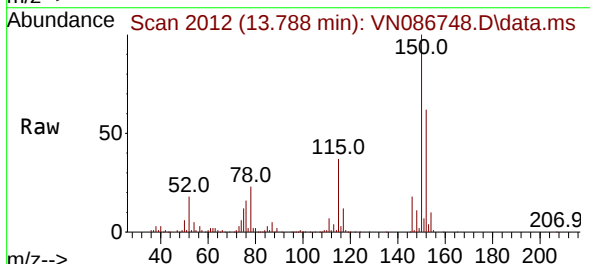
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

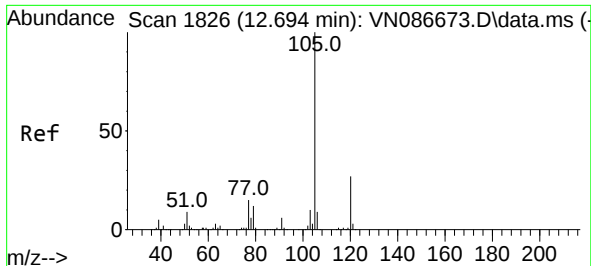
Tgt Ion:173 Resp: 98909
Ion Ratio Lower Upper
173 100
175 48.8 23.4 70.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086748.D
Acq: 21 May 2025 21:54

Tgt Ion:152 Resp: 176051
Ion Ratio Lower Upper
152 100
115 59.2 30.0 90.1
150 174.0 0.0 347.8

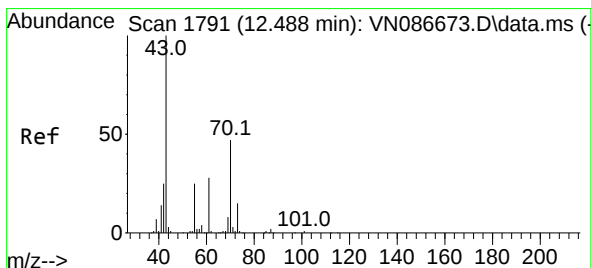
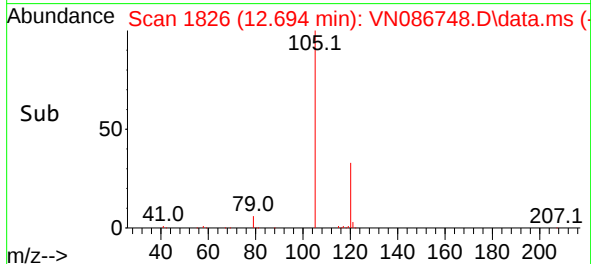
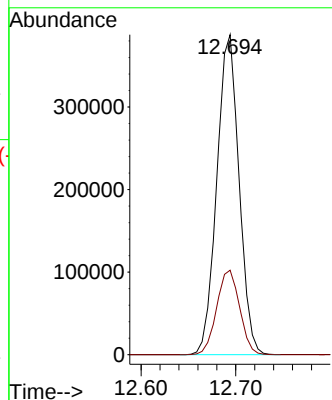
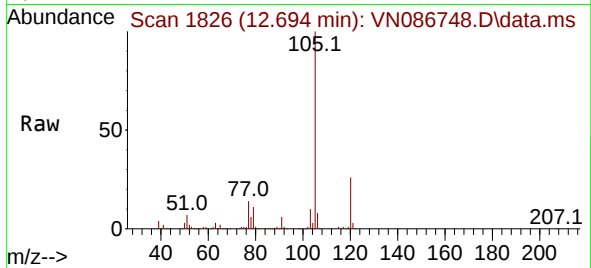




#73
Isopropylbenzene
Concen: 46.468 ug/l
RT: 12.694 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086748.D
Acq: 21 May 2025 21:54

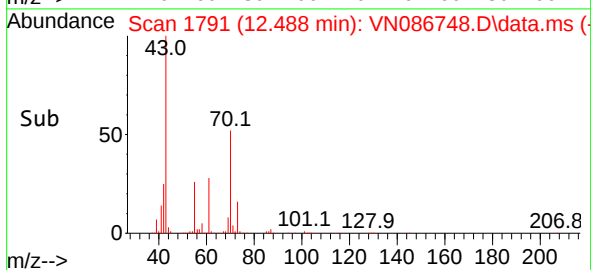
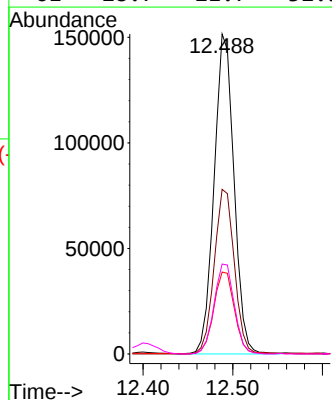
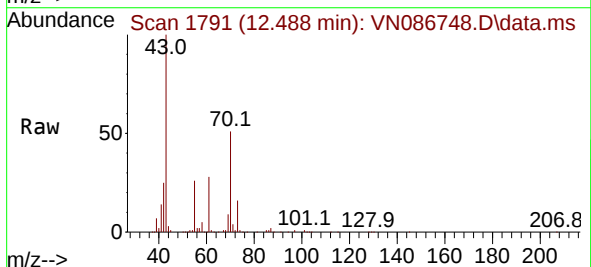
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

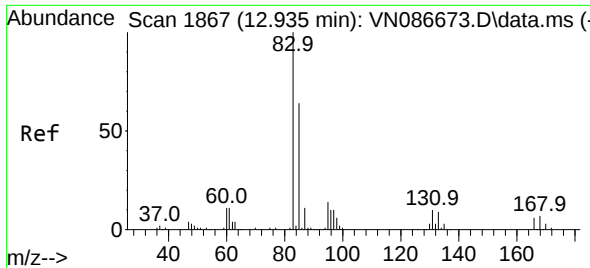
Tgt Ion:105 Resp: 631830
Ion Ratio Lower Upper
105 100
120 27.2 13.4 40.1



#74
N-ethyl acetate
Concen: 41.115 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VN086748.D
Acq: 21 May 2025 21:54

Tgt Ion: 43 Resp: 233576
Ion Ratio Lower Upper
43 100
70 52.2 37.9 56.9
55 26.9 20.5 30.7
61 28.7 21.7 32.5

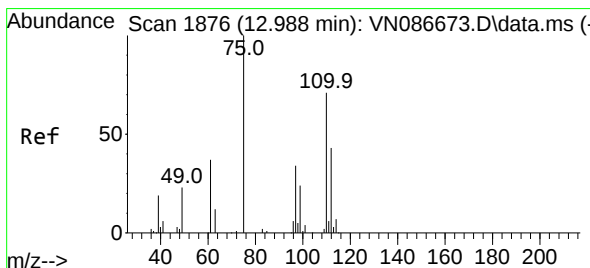
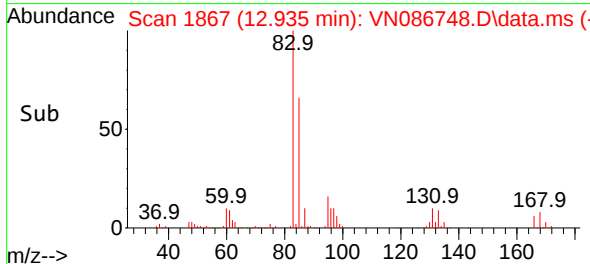
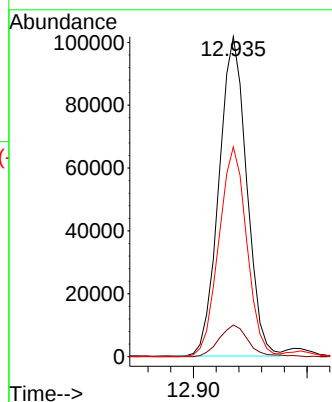
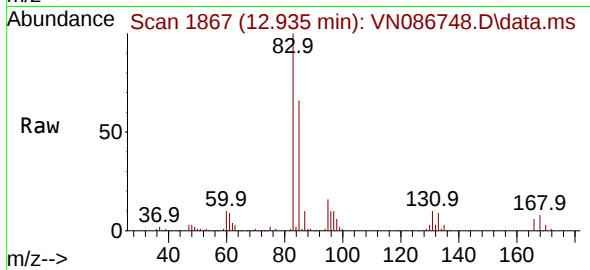




#75
1,1,2,2-Tetrachloroethane
Concen: 41.314 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086748.D
Acq: 21 May 2025 21:54

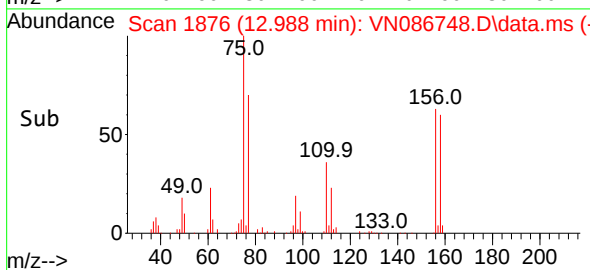
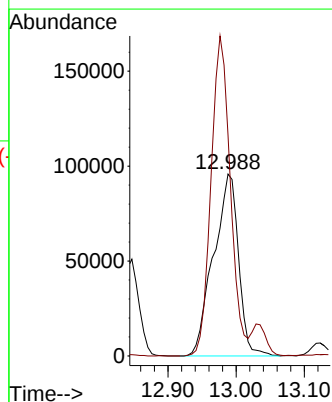
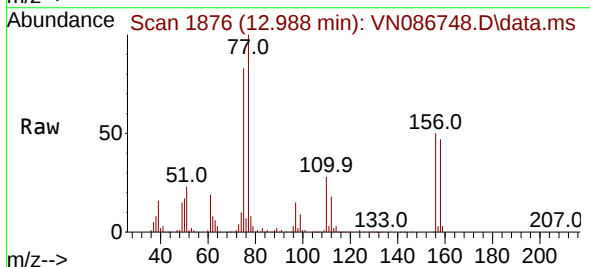
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

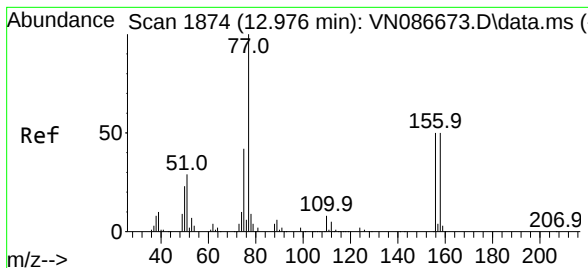
Tgt Ion: 83 Resp: 172580
Ion Ratio Lower Upper
83 100
131 10.5 5.0 15.0
85 66.0 32.4 97.2



#76
1,2,3-Trichloropropane
Concen: 61.323 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN086748.D
Acq: 21 May 2025 21:54

Tgt Ion: 75 Resp: 244161
Ion Ratio Lower Upper
75 100
77 136.5 96.0 288.1

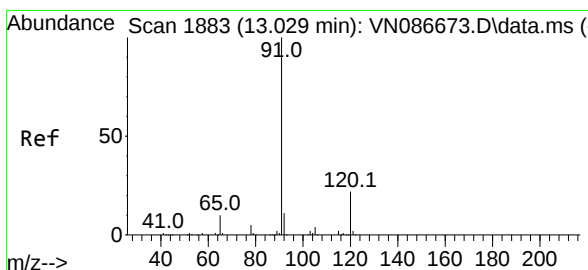
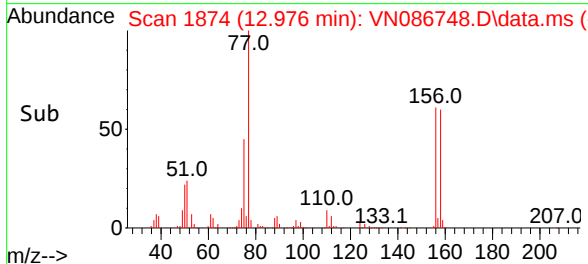
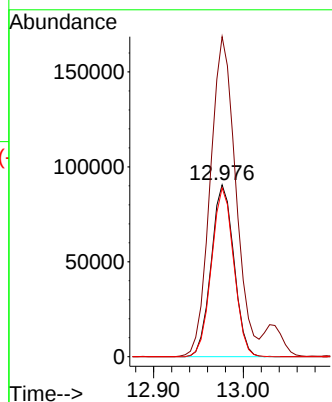
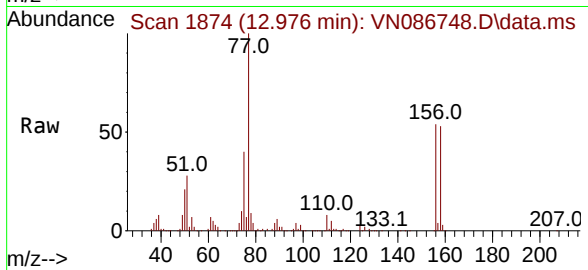




#77
Bromobenzene
Concen: 46.461 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086748.D
Acq: 21 May 2025 21:54

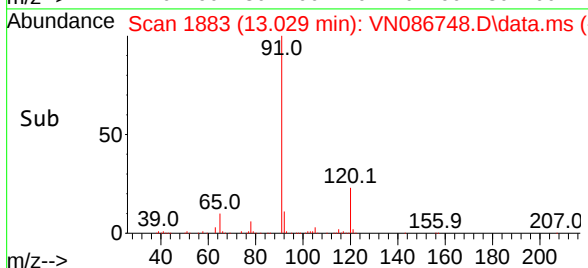
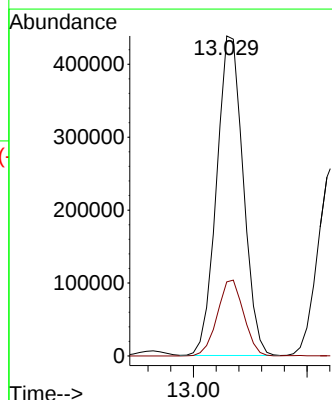
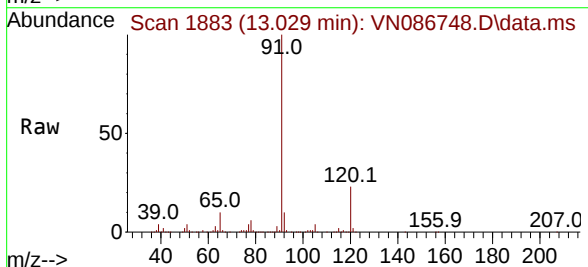
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

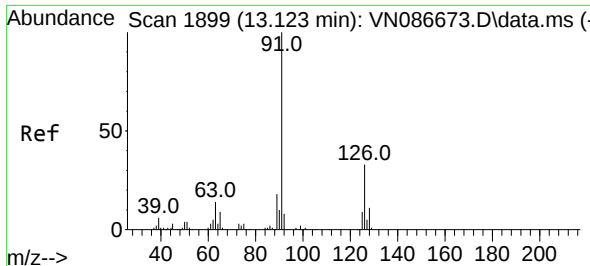
Tgt Ion:156 Resp: 158913
Ion Ratio Lower Upper
156 100
77 209.7 113.1 339.2
158 96.3 48.6 145.9



#78
n-propylbenzene
Concen: 45.709 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN086748.D
Acq: 21 May 2025 21:54

Tgt Ion: 91 Resp: 713244
Ion Ratio Lower Upper
91 100
120 23.5 11.4 34.1

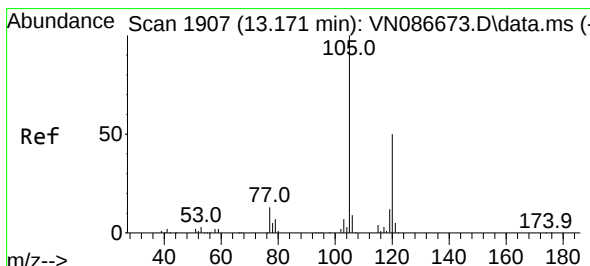
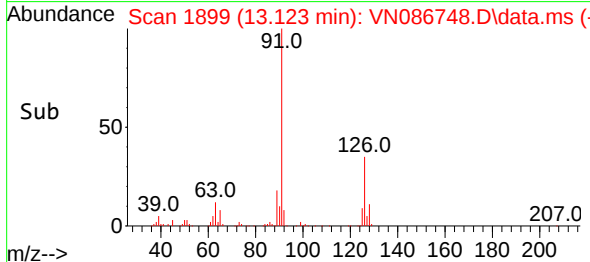
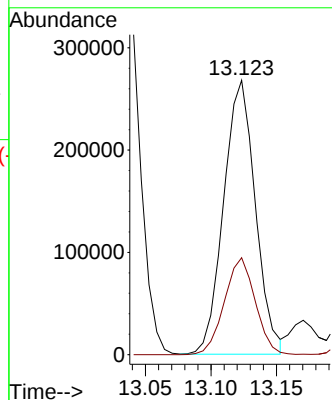
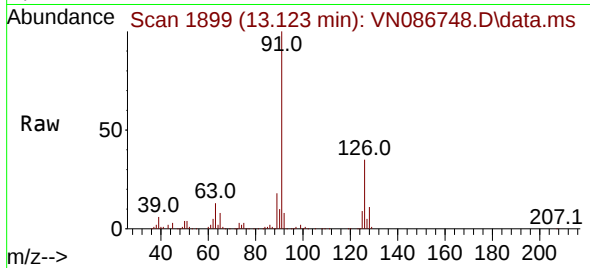




#79
2-Chlorotoluene
Concen: 44.465 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086748.D
Acq: 21 May 2025 21:54

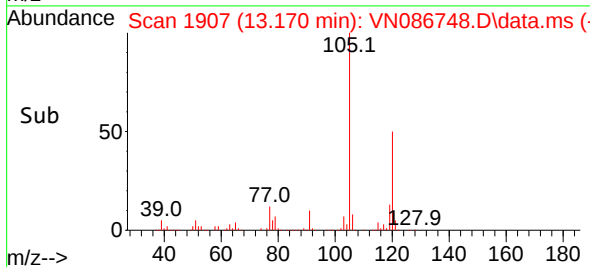
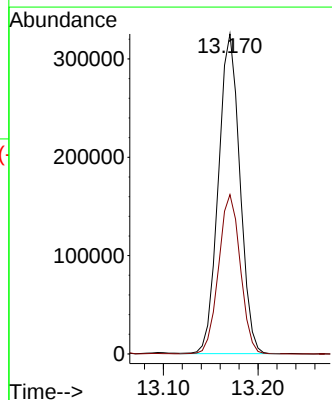
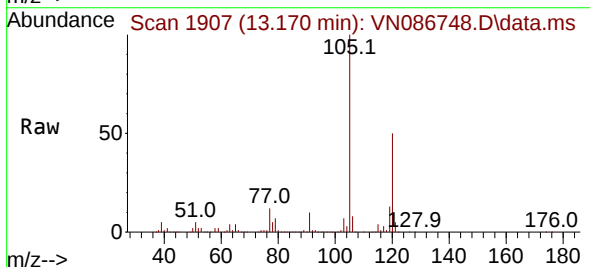
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

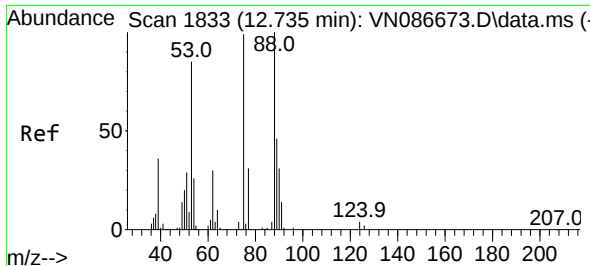
Tgt Ion: 91 Resp: 451140
Ion Ratio Lower Upper
91 100
126 34.5 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 47.114 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086748.D
Acq: 21 May 2025 21:54

Tgt Ion:105 Resp: 513249
Ion Ratio Lower Upper
105 100
120 50.3 24.9 74.6

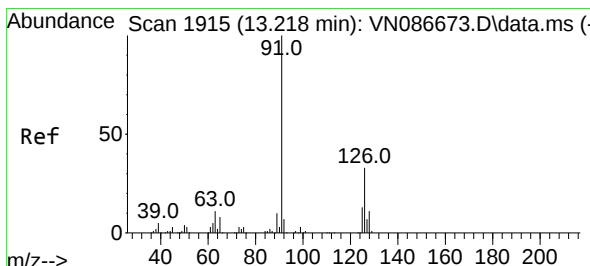
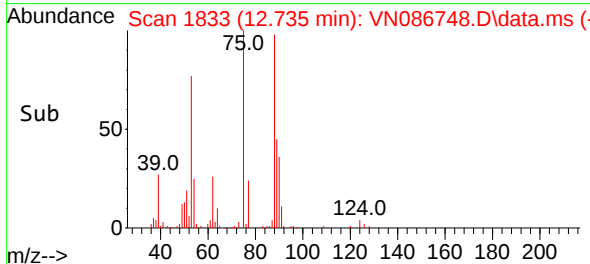
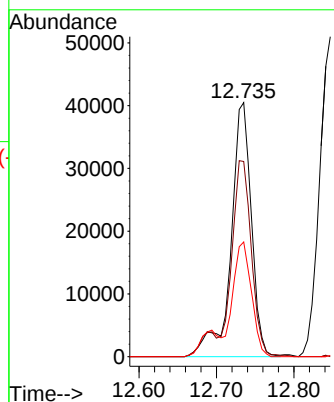
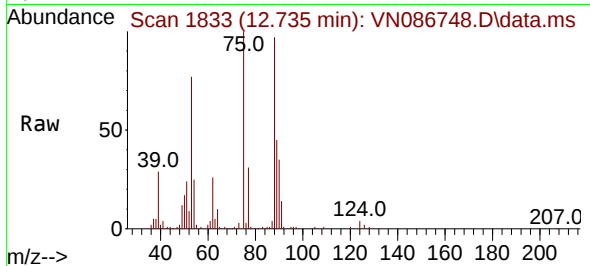




#81
trans-1,4-Dichloro-2-butene
Concen: 47.161 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086748.D
Acq: 21 May 2025 21:54

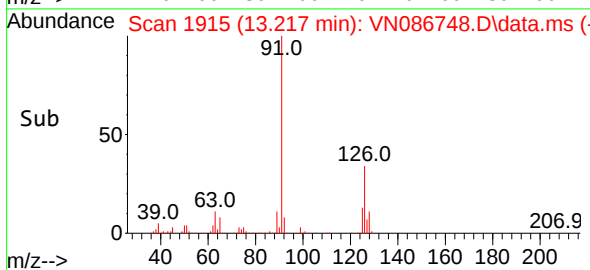
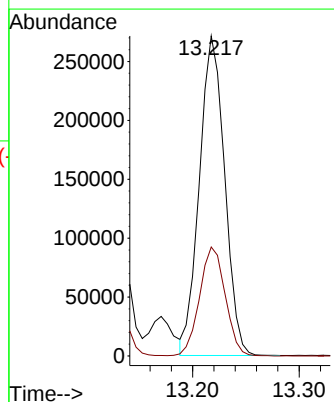
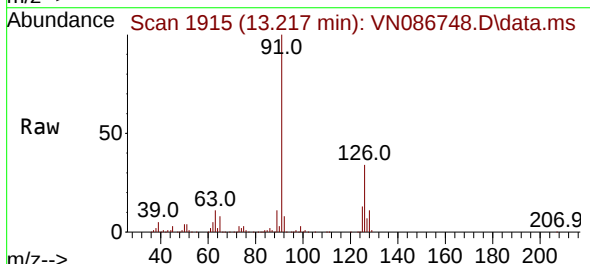
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

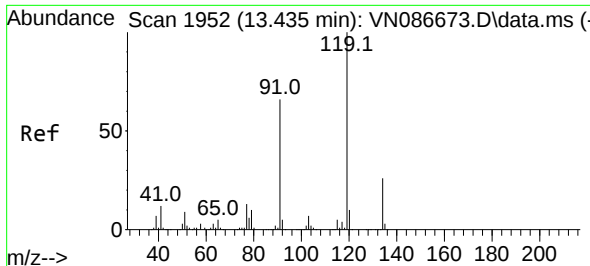
Tgt Ion: 75 Resp: 74406
Ion Ratio Lower Upper
75 100
53 73.5 70.4 105.6
89 41.2 32.4 48.6



#82
4-Chlorotoluene
Concen: 44.569 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086748.D
Acq: 21 May 2025 21:54

Tgt Ion: 91 Resp: 448001
Ion Ratio Lower Upper
91 100
126 34.7 17.0 50.9

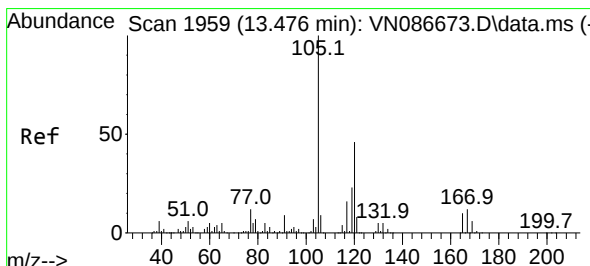
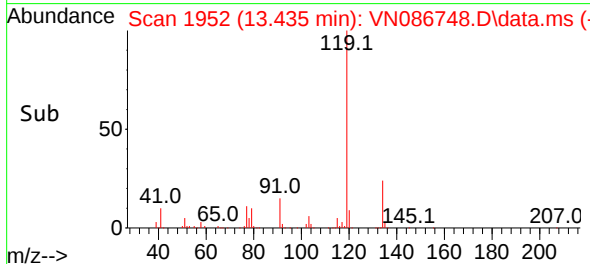
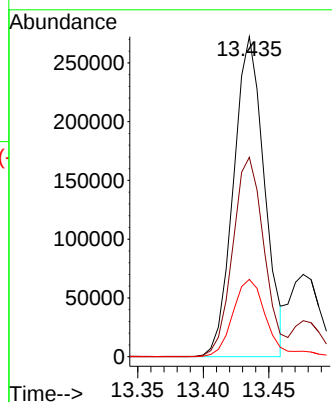
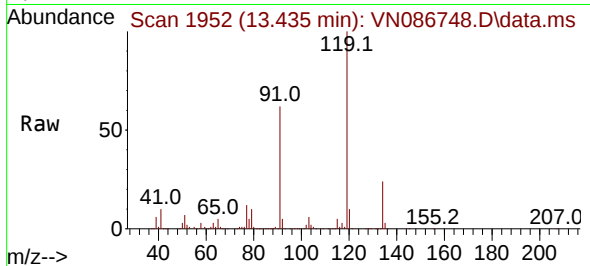




#83
 tert-Butylbenzene
 Concen: 46.895 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. -0.000 min
 Lab File: VN086748.D
 Acq: 21 May 2025 21:54

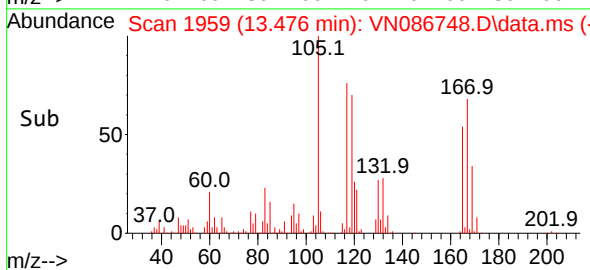
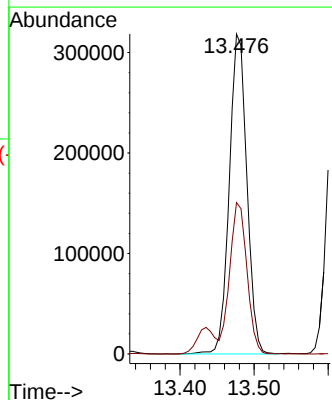
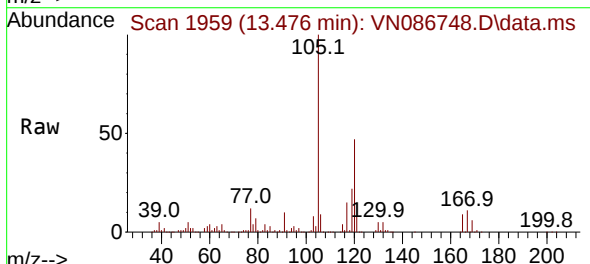
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

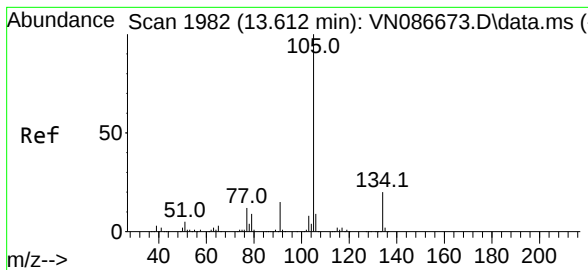
Tgt Ion:119 Resp: 445512
 Ion Ratio Lower Upper
 119 100
 91 63.8 32.9 98.7
 134 26.5 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 48.211 ug/l
 RT: 13.476 min Scan# 1959
 Delta R.T. -0.000 min
 Lab File: VN086748.D
 Acq: 21 May 2025 21:54

Tgt Ion:105 Resp: 523006
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.2 69.6

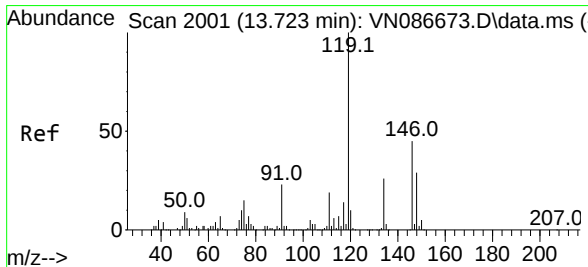
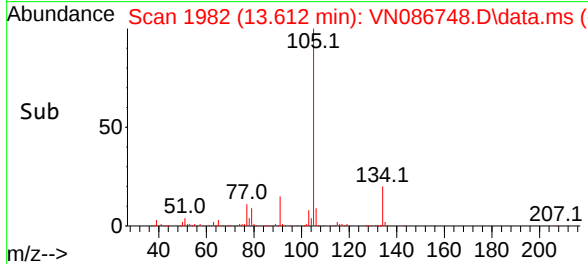
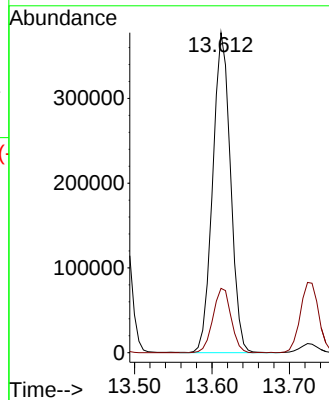
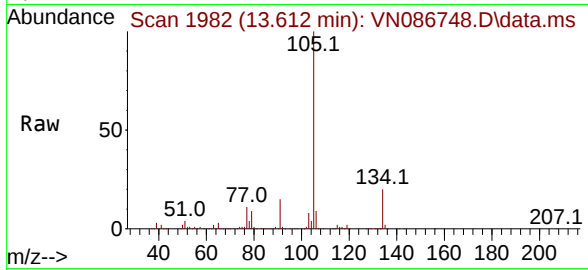




#85
 sec-Butylbenzene
 Concen: 47.317 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086748.D
 Acq: 21 May 2025 21:54

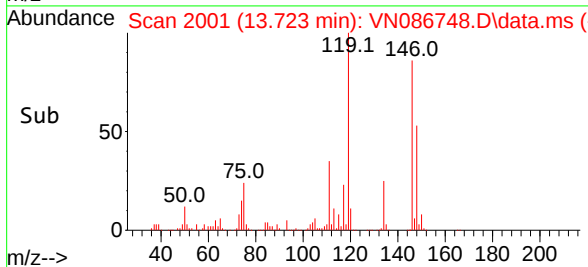
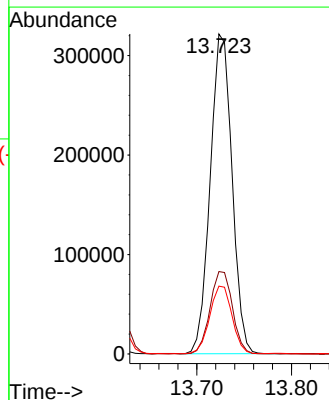
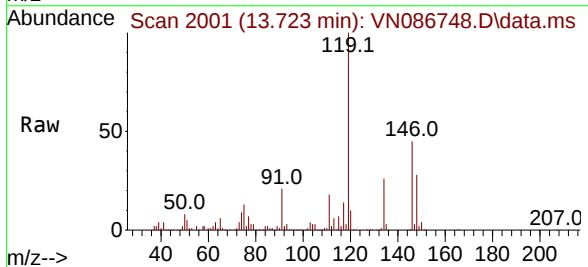
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

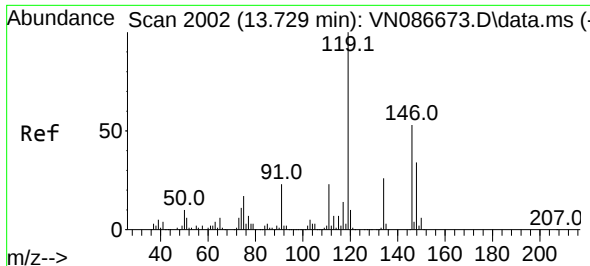
Tgt Ion:105 Resp: 602750
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 49.250 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086748.D
 Acq: 21 May 2025 21:54

Tgt Ion:119 Resp: 514243
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.1 39.1
 91 21.6 11.5 34.5

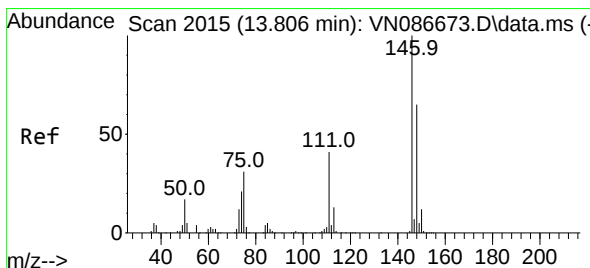
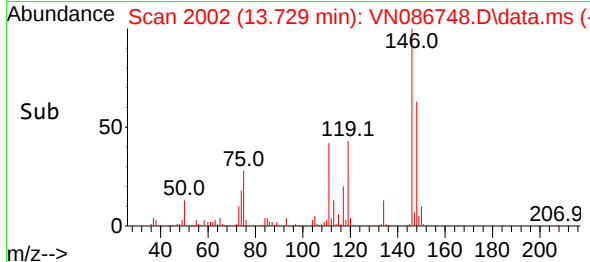
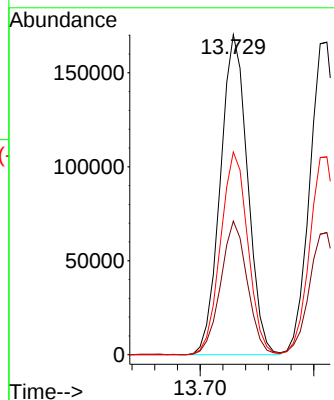
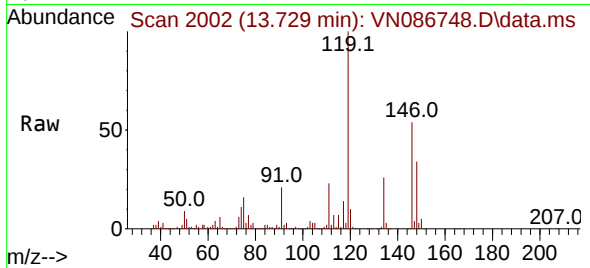




#87
1,3-Dichlorobenzene
Concen: 47.950 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086748.D
Acq: 21 May 2025 21:54

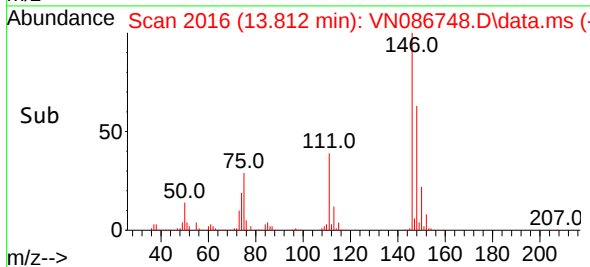
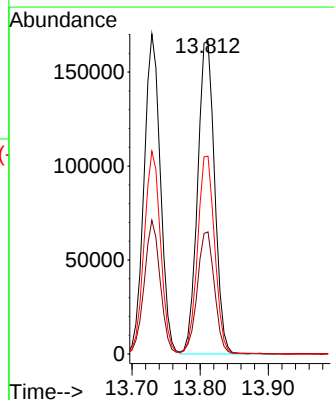
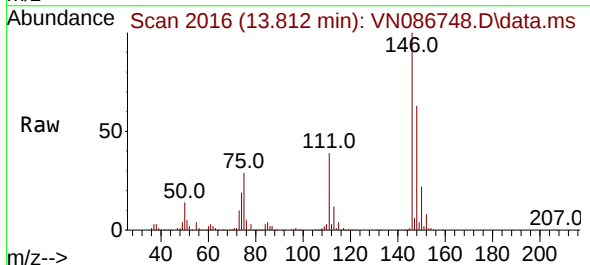
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

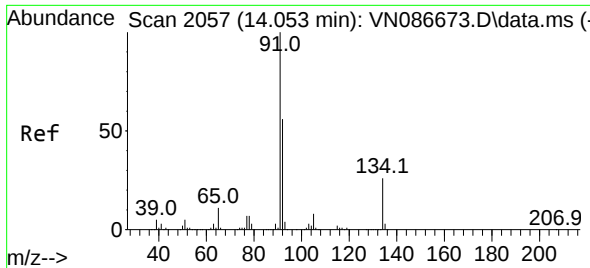
Tgt Ion:146 Resp: 284000
Ion Ratio Lower Upper
146 100
111 40.8 20.9 62.7
148 63.3 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 49.236 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN086748.D
Acq: 21 May 2025 21:54

Tgt Ion:146 Resp: 288930
Ion Ratio Lower Upper
146 100
111 39.6 20.6 61.8
148 63.4 32.0 96.0

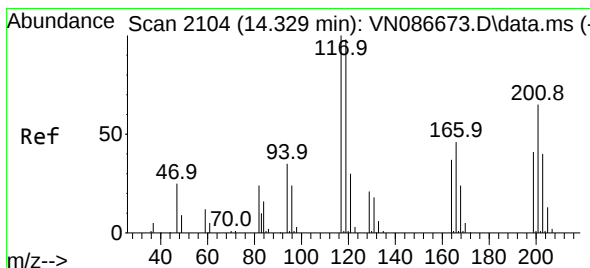
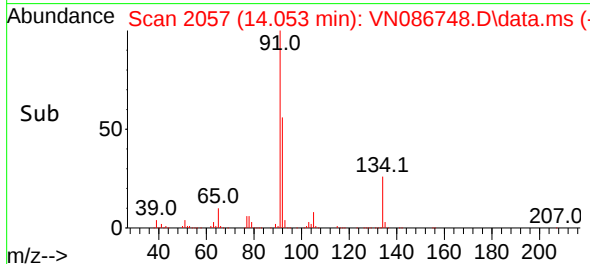
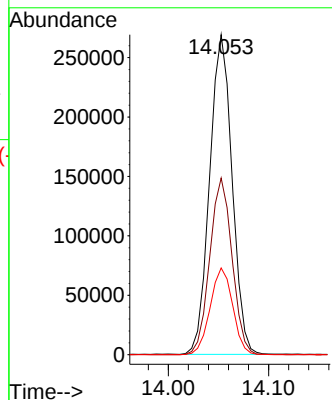
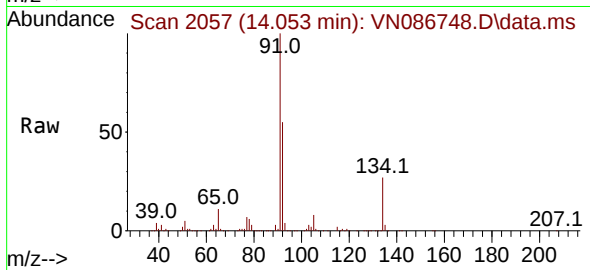




#89
n-Butylbenzene
Concen: 48.352 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086748.D
Acq: 21 May 2025 21:54

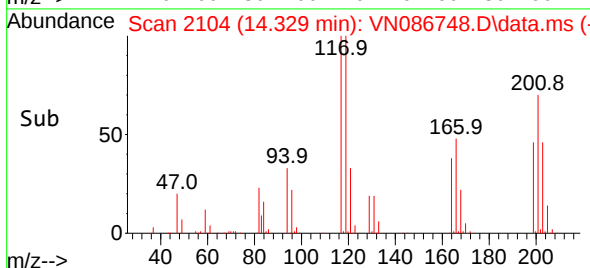
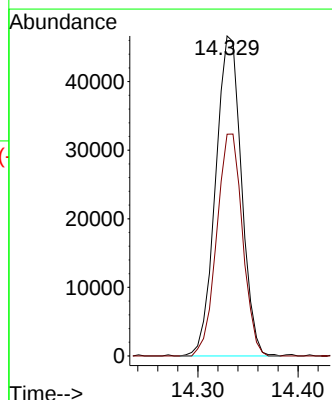
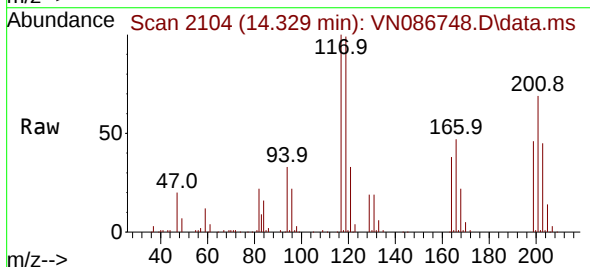
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

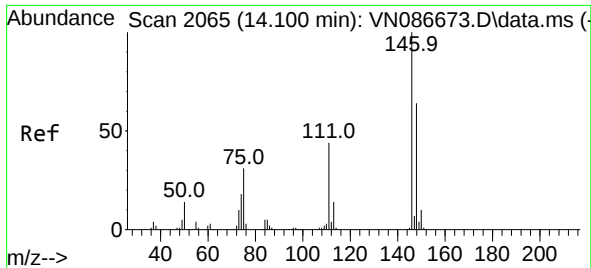
Tgt Ion: 91 Resp: 418544
Ion Ratio Lower Upper
91 100
92 54.9 27.4 82.0
134 27.2 12.8 38.4



#90
Hexachloroethane
Concen: 48.203 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086748.D
Acq: 21 May 2025 21:54

Tgt Ion: 117 Resp: 83510
Ion Ratio Lower Upper
117 100
201 69.1 32.0 96.0

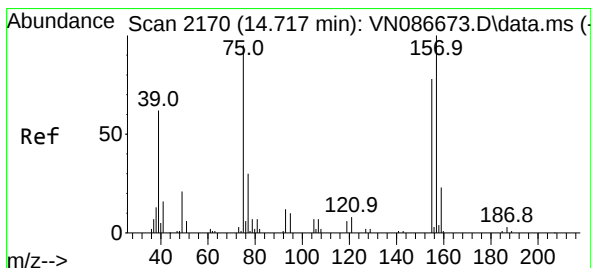
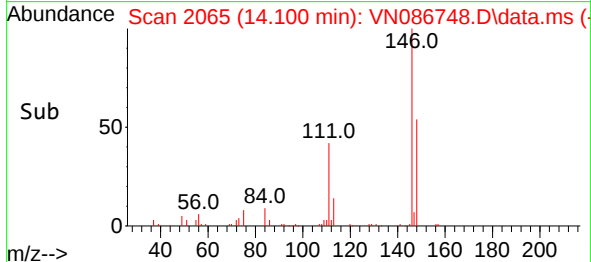
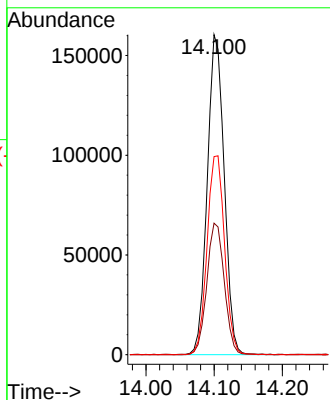
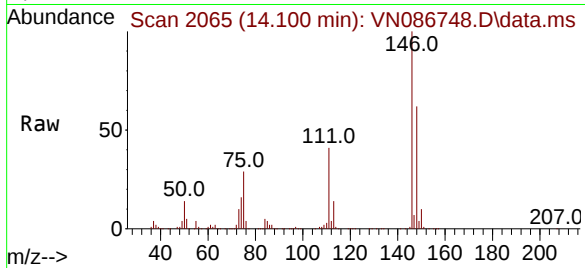




#91
1,2-Dichlorobenzene
Concen: 49.234 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VN086748.D
Acq: 21 May 2025 21:54

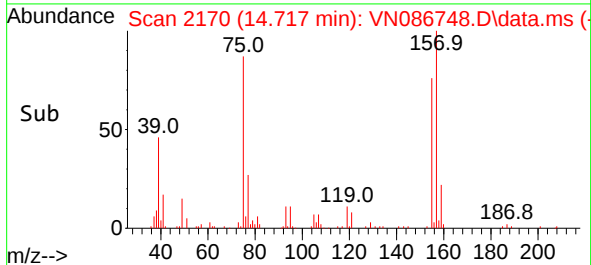
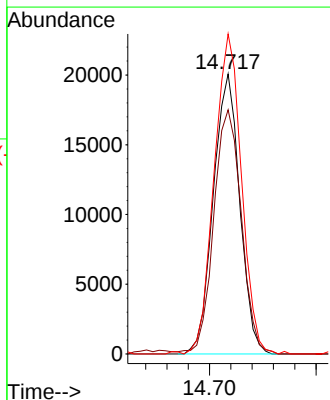
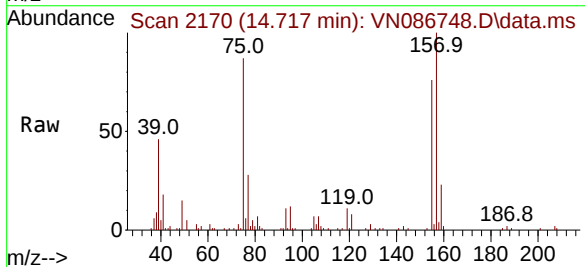
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

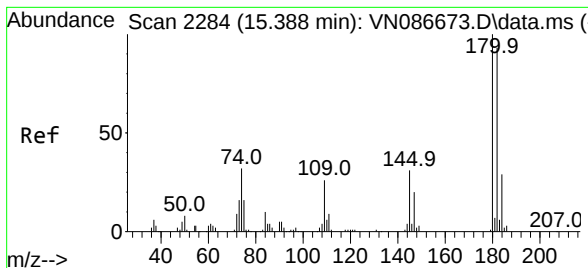
Tgt Ion:146 Resp: 277357
Ion Ratio Lower Upper
146 100
111 42.6 21.6 65.0
148 64.4 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.930 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086748.D
Acq: 21 May 2025 21:54

Tgt Ion: 75 Resp: 34552
Ion Ratio Lower Upper
75 100
155 90.9 40.5 121.5
157 118.4 53.6 160.8

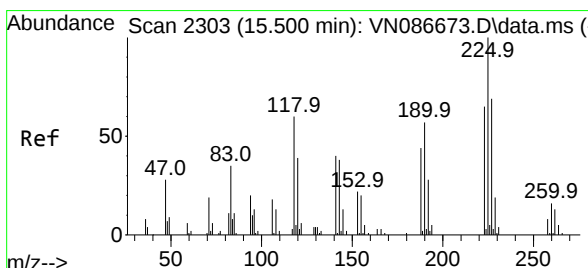
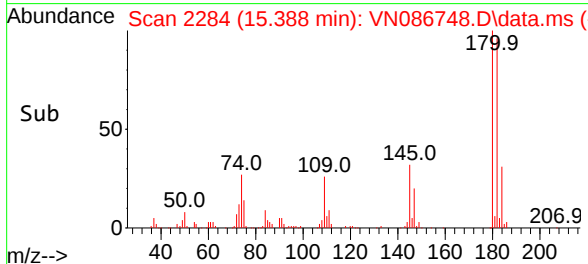
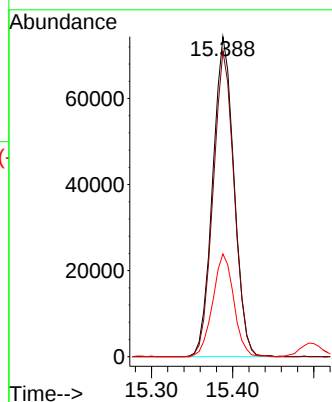
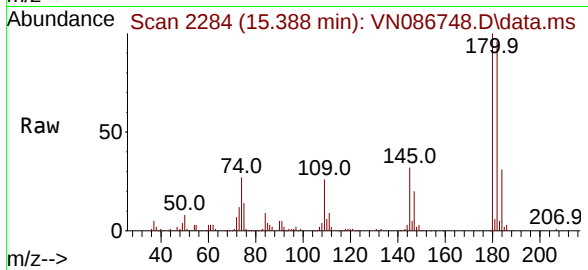




#93
1,2,4-Trichlorobenzene
Concen: 57.059 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086748.D
Acq: 21 May 2025 21:54

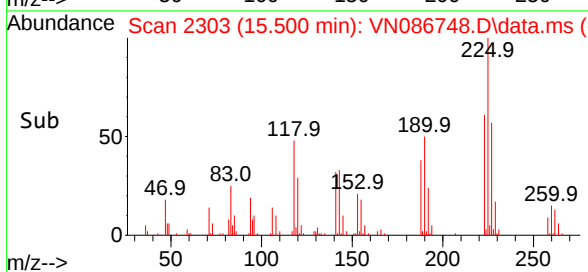
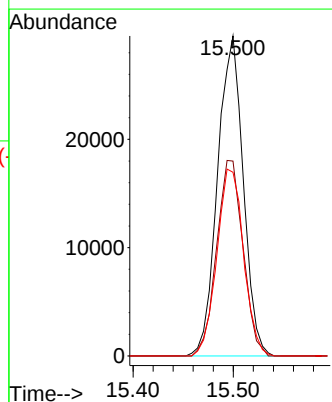
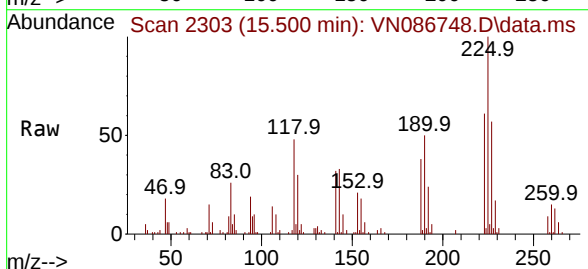
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

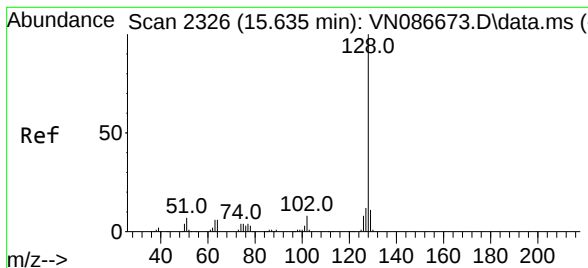
Tgt Ion:180 Resp: 135683
Ion Ratio Lower Upper
180 100
182 94.1 47.1 141.3
145 31.7 15.6 46.8



#94
Hexachlorobutadiene
Concen: 53.065 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086748.D
Acq: 21 May 2025 21:54

Tgt Ion:225 Resp: 52353
Ion Ratio Lower Upper
225 100
223 62.8 32.9 98.6
227 60.8 32.4 97.2

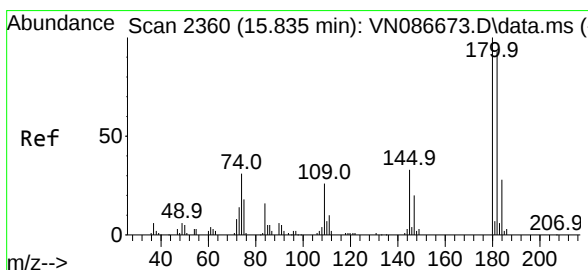
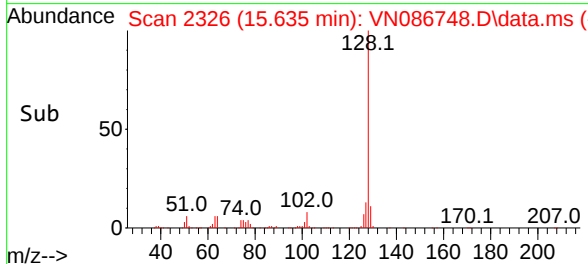
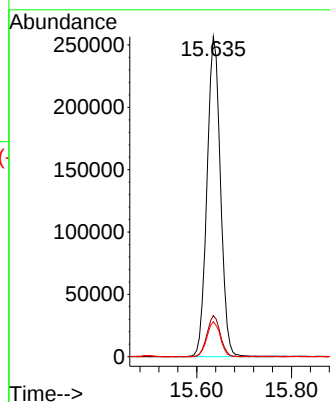
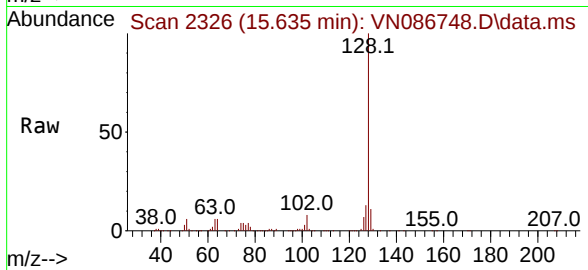




#95
Naphthalene
Concen: 61.211 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN086748.D
Acq: 21 May 2025 21:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 505395
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: 56.117 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086748.D
Acq: 21 May 2025 21:54

Tgt Ion:180 Resp: 130680
Ion Ratio Lower Upper
180 100
182 93.6 47.0 141.2
145 33.3 16.7 50.1

