

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052325\
 Data File : VN086766.D
 Acq On : 23 May 2025 09:53
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: May 24 02:28:35 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	8.218	168	276686	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	466652	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	409394	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	193032	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	163628	42.798	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.600%
35) Dibromofluoromethane	8.159	113	141342	50.859	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.720%
50) Toluene-d8	10.565	98	580375	50.394	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.780%
62) 4-Bromofluorobenzene	12.847	95	208610	51.300	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.600%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	148736	49.777	ug/l	99
3) Chloromethane	2.359	50	183652	40.636	ug/l	99
4) Vinyl Chloride	2.512	62	181207	44.645	ug/l	100
5) Bromomethane	2.948	94	97586	41.706	ug/l	94
6) Chloroethane	3.118	64	113818	42.806	ug/l	96
7) Trichlorofluoromethane	3.501	101	229380	47.289	ug/l	95
8) Diethyl Ether	3.959	74	95451	47.635	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.365	101	142938	49.223	ug/l	96
10) Methyl Iodide	4.583	142	167135	46.270	ug/l	98
11) Tert butyl alcohol	5.512	59	137231	197.081	ug/l	99
12) 1,1-Dichloroethene	4.342	96	146666	47.525	ug/l	93
13) Acrolein	4.177	56	170282	228.757	ug/l	100
14) Allyl chloride	5.018	41	198001	42.389	ug/l	93
15) Acrylonitrile	5.712	53	359440	208.484	ug/l	100
16) Acetone	4.418	43	377475	263.938	ug/l	96
17) Carbon Disulfide	4.712	76	387676	45.373	ug/l	100
18) Methyl Acetate	5.012	43	152601	38.123	ug/l	96
19) Methyl tert-butyl Ether	5.789	73	490165	46.646	ug/l	100
20) Methylene Chloride	5.271	84	161267	42.731	ug/l	97
21) trans-1,2-Dichloroethene	5.783	96	152352	46.693	ug/l	97
22) Diisopropyl ether	6.665	45	455920	43.264	ug/l	95
23) Vinyl Acetate	6.594	43	1652856	208.691	ug/l	96
24) 1,1-Dichloroethane	6.565	63	272695	44.075	ug/l	98
25) 2-Butanone	7.477	43	495106	224.030	ug/l	95
26) 2,2-Dichloropropane	7.483	77	244252	47.837	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	185598	46.342	ug/l	99
28) Bromochloromethane	7.812	49	109184	38.841	ug/l	86
29) Tetrahydrofuran	7.830	42	283065	196.232	ug/l	94
30) Chloroform	7.959	83	274684	44.356	ug/l	97
31) Cyclohexane	8.253	56	236609	41.234	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	238328	45.646	ug/l	95
36) 1,1-Dichloropropene	8.365	75	203564	49.658	ug/l	99
37) Ethyl Acetate	7.553	43	169820	41.011	ug/l	96
38) Carbon Tetrachloride	8.359	117	205121	50.785	ug/l	99
39) Methylcyclohexane	9.594	83	233902	52.720	ug/l	97
40) Benzene	8.600	78	648429	48.489	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	97608	43.657	ug/l	93
42) 1,2-Dichloroethane	8.665	62	188061	45.140	ug/l	96
43) Isopropyl Acetate	8.683	43	303488	36.559	ug/l	94
44) Trichloroethene	9.347	130	171938	53.307	ug/l	100
45) 1,2-Dichloropropane	9.618	63	150535	47.387	ug/l	100
46) Dibromomethane	9.706	93	102774	47.946	ug/l	97
47) Bromodichloromethane	9.882	83	214997	48.679	ug/l	94
48) Methyl methacrylate	9.677	41	137977	42.894	ug/l	91
49) 1,4-Dioxane	9.688	88	63045	925.587	ug/l #	95
51) 4-Methyl-2-Pentanone	10.441	43	869995	207.823	ug/l	95
52) Toluene	10.624	92	410215	49.356	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	237372	50.762	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	258890	50.716	ug/l	94
55) 1,1,2-Trichloroethane	11.012	97	148480	47.890	ug/l	96
56) Ethyl methacrylate	10.871	69	245787	49.375	ug/l	91
57) 1,3-Dichloropropane	11.159	76	251519	47.090	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.153	63	590605	265.464	ug/l	97
59) 2-Hexanone	11.188	43	666190	217.921	ug/l	94
60) Dibromochloromethane	11.353	129	169404	52.136	ug/l	97
61) 1,2-Dibromoethane	11.465	107	151277	48.555	ug/l	99
64) Tetrachloroethene	11.100	164	176503	56.280	ug/l	96
65) Chlorobenzene	11.888	112	456090	50.805	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	150316	51.867	ug/l	100
67) Ethyl Benzene	11.959	91	769134	50.020	ug/l	98
68) m/p-Xylenes	12.065	106	608866	104.543	ug/l	97
69) o-Xylene	12.394	106	299785	51.775	ug/l	99
70) Styrene	12.406	104	503499	53.113	ug/l	98
71) Bromoform	12.576	173	111714	54.202	ug/l #	97
73) Isopropylbenzene	12.694	105	711592	47.730	ug/l	99
74) N-amyl acetate	12.488	43	245737	39.451	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	189857	41.451	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	274119	62.791	ug/l	63
77) Bromobenzene	12.976	156	176790	47.141	ug/l	94
78) n-propylbenzene	13.029	91	831067	48.574	ug/l	99
79) 2-Chlorotoluene	13.123	91	518545	46.613	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	596618	49.949	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	86929	50.252	ug/l	89
82) 4-Chlorotoluene	13.218	91	526444	47.766	ug/l	99
83) tert-Butylbenzene	13.435	119	513827	49.328	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	605855	50.935	ug/l	100
85) sec-Butylbenzene	13.612	105	712248	50.994	ug/l	98
86) p-Isopropyltoluene	13.723	119	614769	53.698	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	328669	50.610	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	327009	50.823	ug/l	99
89) n-Butylbenzene	14.053	91	515358	54.299	ug/l	99
90) Hexachloroethane	14.329	117	98643	51.929	ug/l	96
91) 1,2-Dichlorobenzene	14.100	146	311871	50.490	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	33717	44.437	ug/l	91
93) 1,2,4-Trichlorobenzene	15.388	180	147442	56.550	ug/l	99
94) Hexachlorobutadiene	15.494	225	59068	54.604	ug/l	98
95) Naphthalene	15.635	128	469719	51.886	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	136623	53.508	ug/l	99

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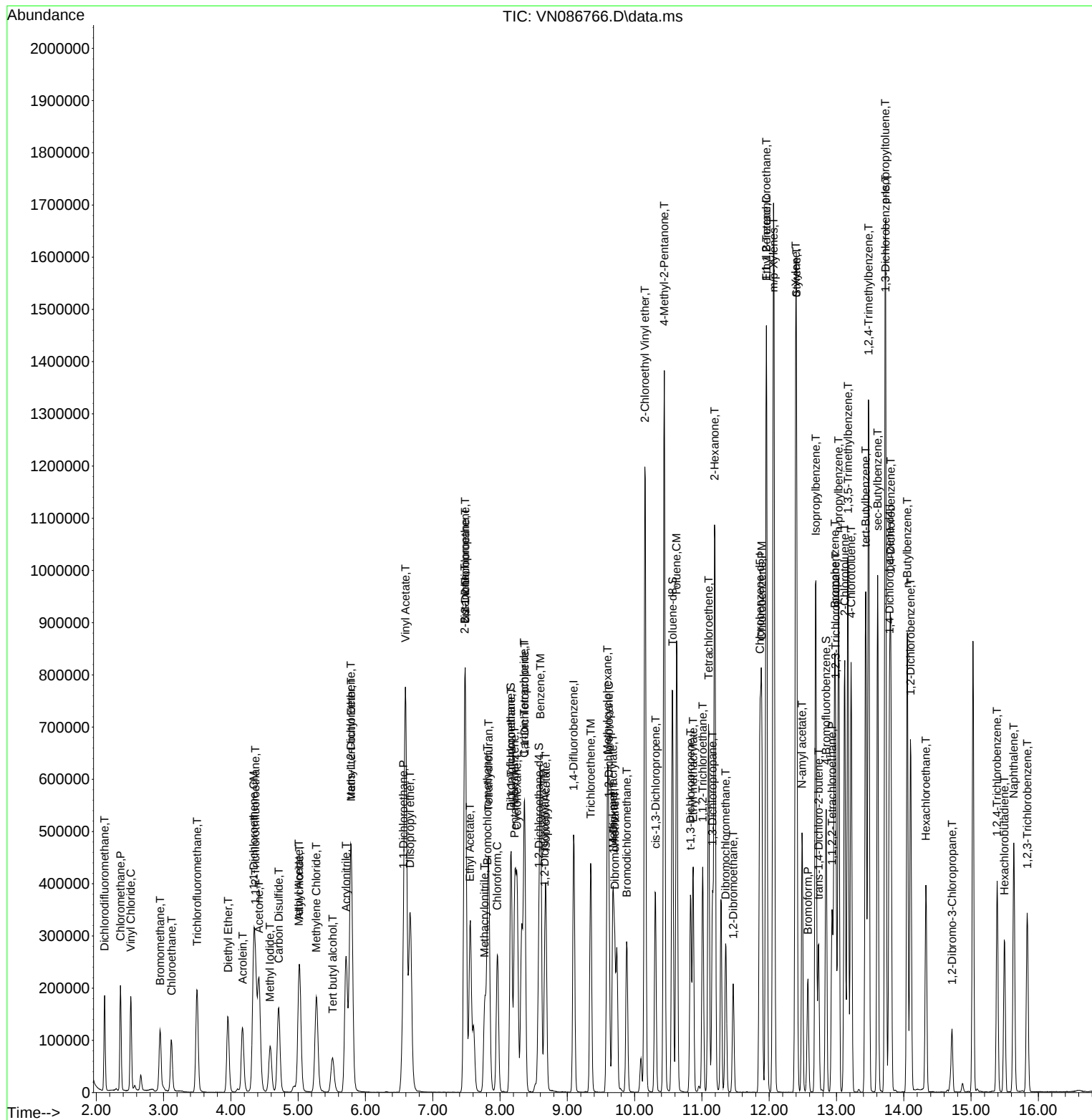
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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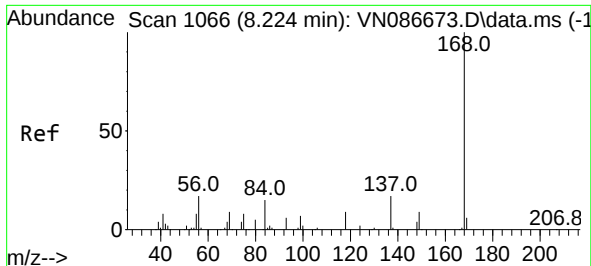
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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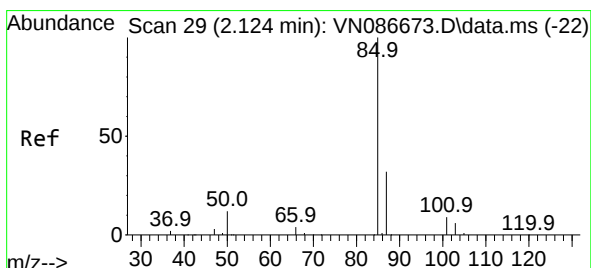
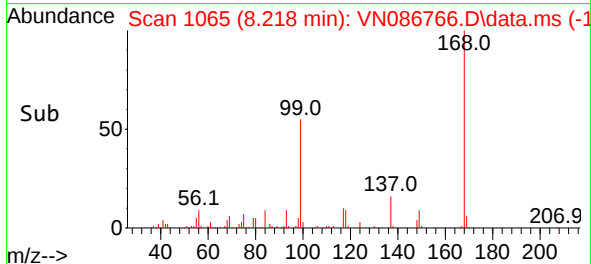
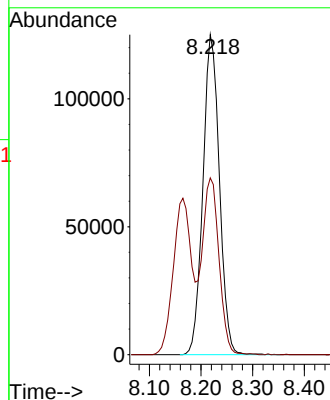
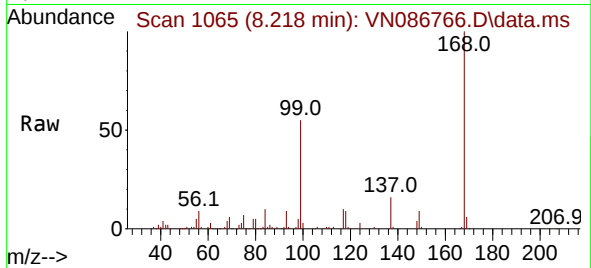




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
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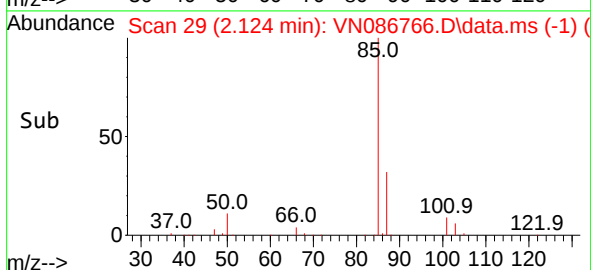
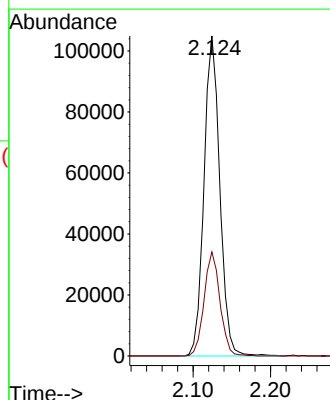
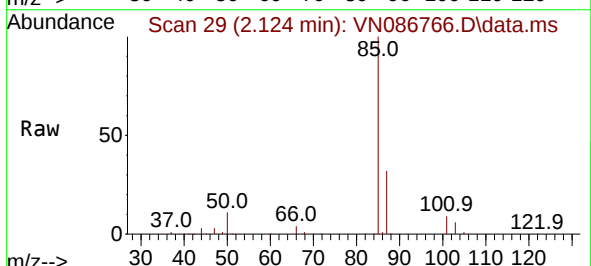
Instrument :
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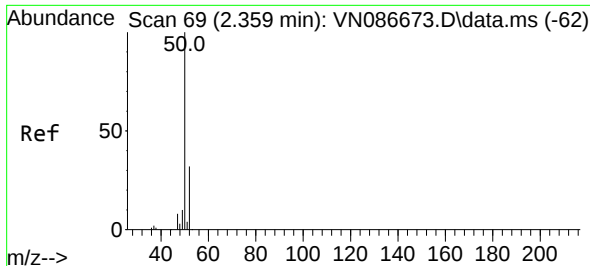
Tgt Ion:168 Resp: 276686
Ion Ratio Lower Upper
168 100
99 55.3 47.0 70.4



#2
Dichlorodifluoromethane
Concen: 49.777 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086766.D
Acq: 23 May 2025 09:53

Tgt Ion: 85 Resp: 148736
Ion Ratio Lower Upper
85 100
87 32.5 15.9 47.6

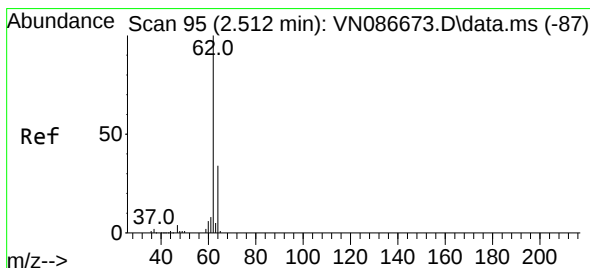
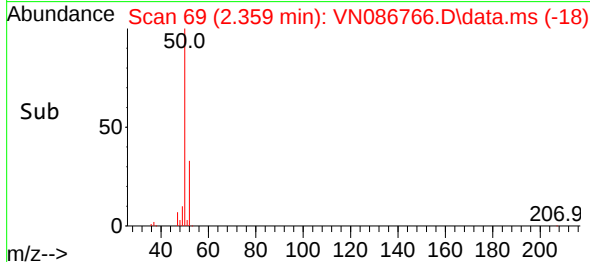
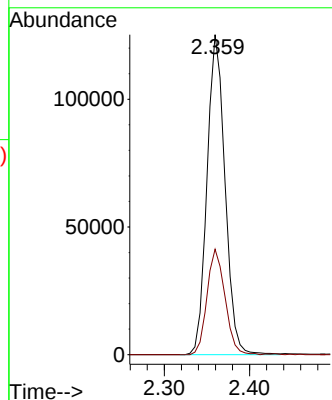
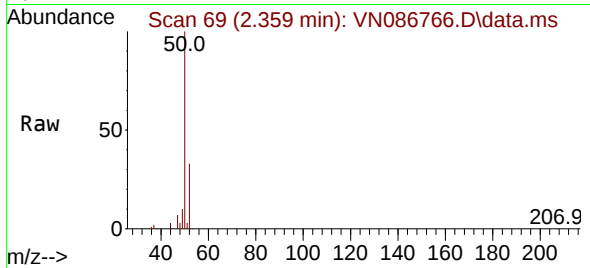




#3
Chloromethane
Concen: 40.636 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086766.D
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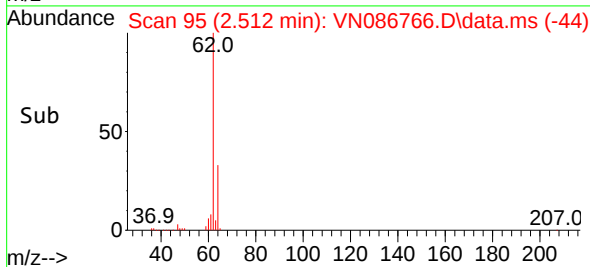
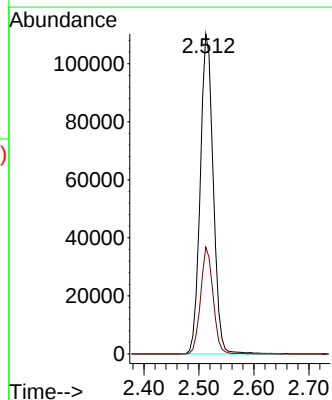
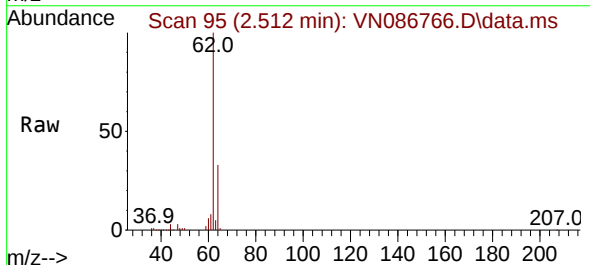
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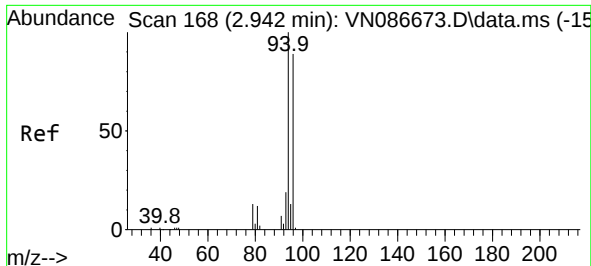
Tgt Ion: 50 Resp: 183652
Ion Ratio Lower Upper
50 100
52 32.9 25.9 38.9



#4
Vinyl Chloride
Concen: 44.645 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN086766.D
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Tgt Ion: 62 Resp: 181207
Ion Ratio Lower Upper
62 100
64 33.4 26.9 40.3

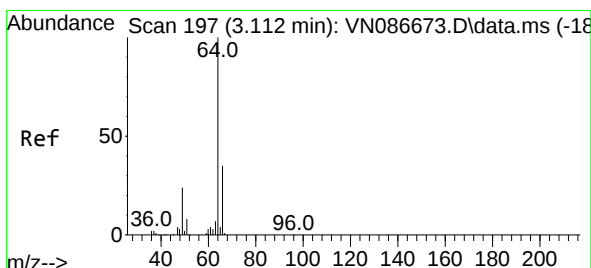
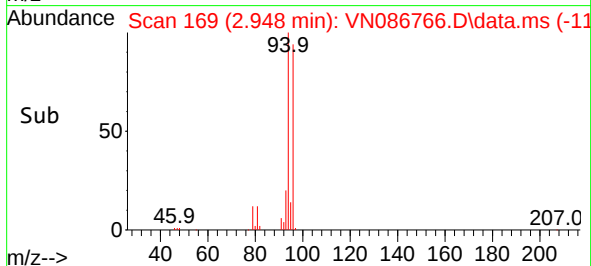
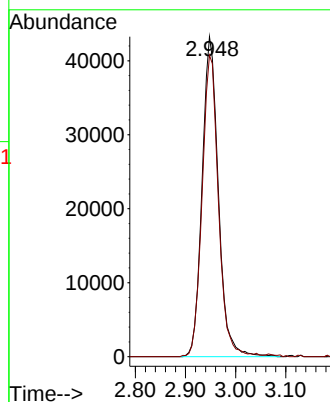
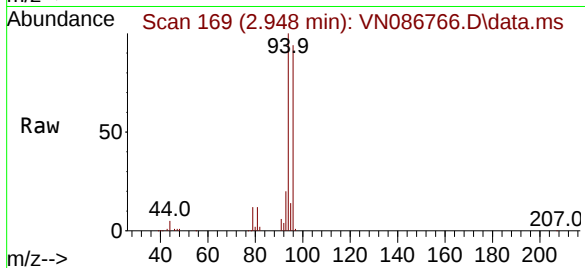




#5
Bromomethane
Concen: 41.706 ug/l
RT: 2.948 min Scan# 11
Delta R.T. 0.006 min
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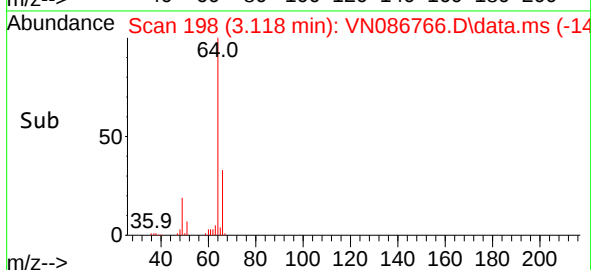
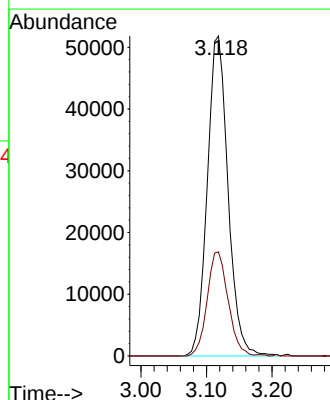
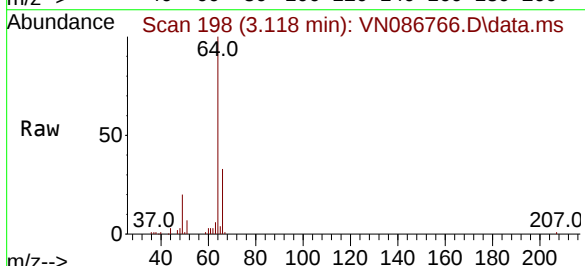
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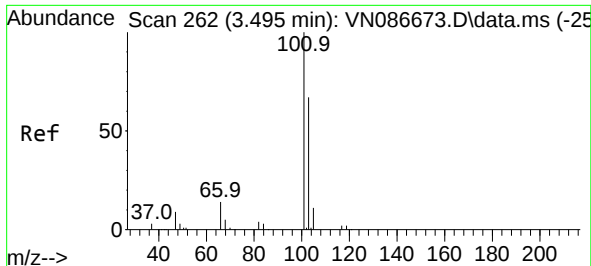
Tgt Ion: 94 Resp: 97586
Ion Ratio Lower Upper
94 100
96 94.2 71.2 106.8



#6
Chloroethane
Concen: 42.806 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
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Tgt Ion: 64 Resp: 113818
Ion Ratio Lower Upper
64 100
66 32.6 27.7 41.5

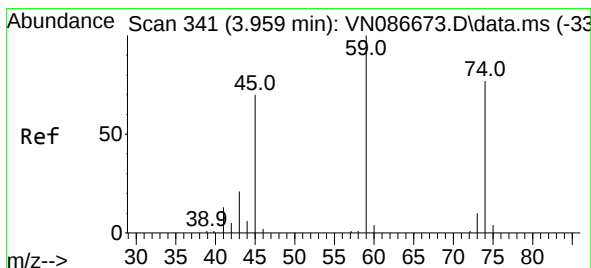
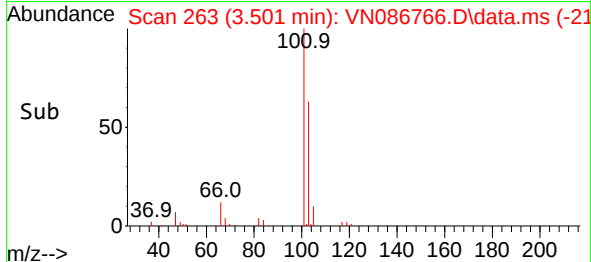
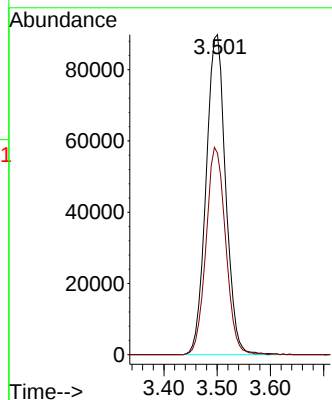
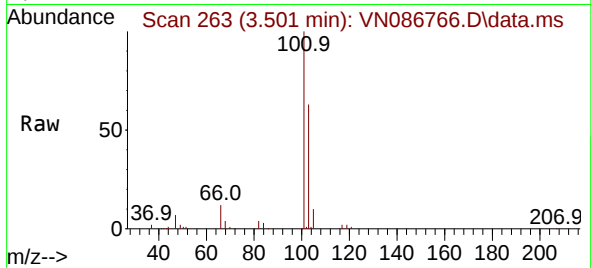




#7
 Trichlorofluoromethane
 Concen: 47.289 ug/l
 RT: 3.501 min Scan# 263
 Delta R.T. 0.006 min
 Lab File: VN086766.D
 Acq: 23 May 2025 09:53

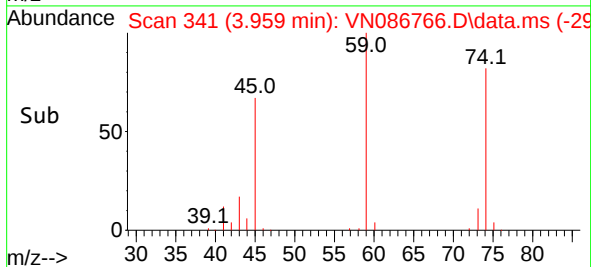
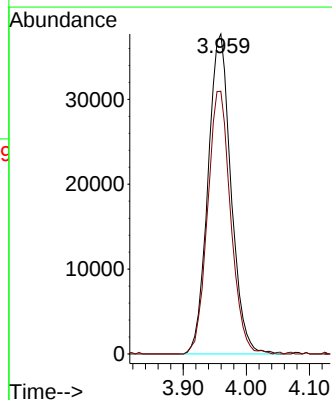
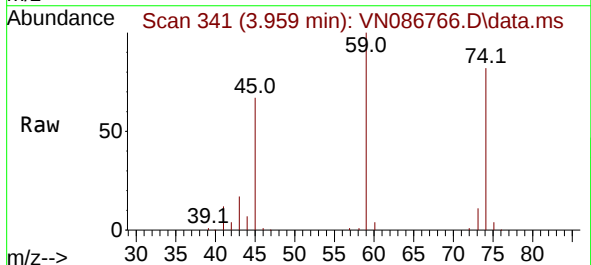
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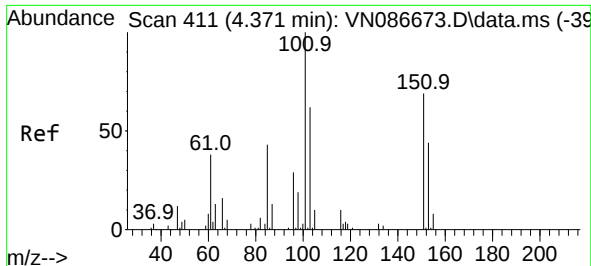
Tgt Ion:101 Resp: 229380
 Ion Ratio Lower Upper
 101 100
 103 62.9 53.4 80.0



#8
 Diethyl Ether
 Concen: 47.635 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN086766.D
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Tgt Ion: 74 Resp: 95451
 Ion Ratio Lower Upper
 74 100
 45 82.5 45.0 135.0

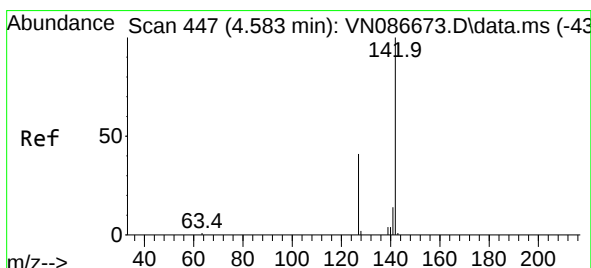
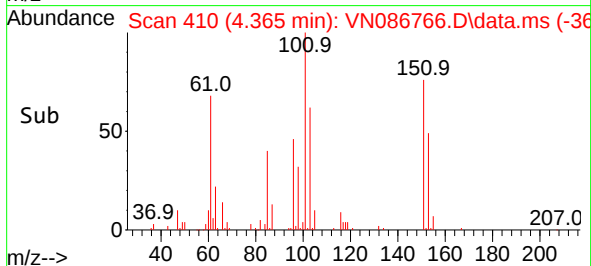
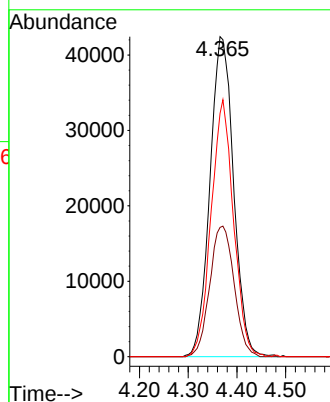
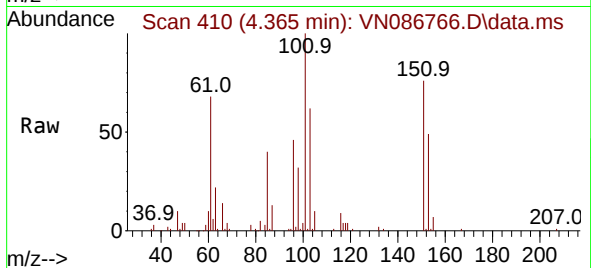




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.223 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN086766.D
Acq: 23 May 2025 09:53

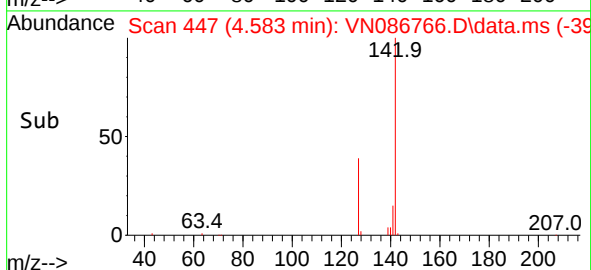
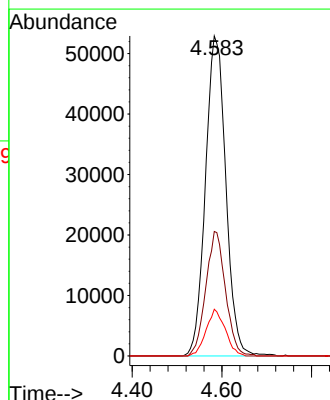
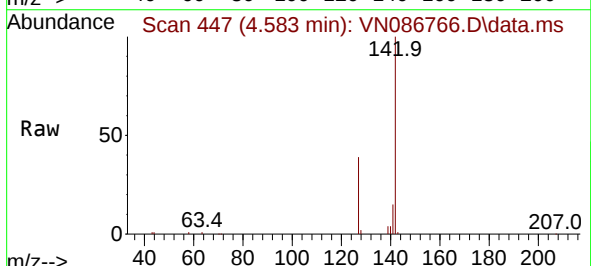
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

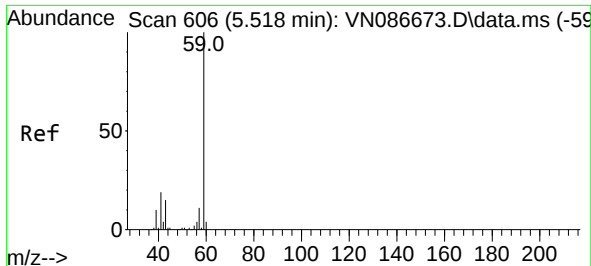
Tgt Ion:101 Resp: 142938
Ion Ratio Lower Upper
101 100
85 42.1 35.0 52.6
151 76.1 58.1 87.1



#10
Methyl Iodide
Concen: 46.270 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN086766.D
Acq: 23 May 2025 09:53

Tgt Ion:142 Resp: 167135
Ion Ratio Lower Upper
142 100
127 38.9 32.4 48.6
141 14.6 11.4 17.2

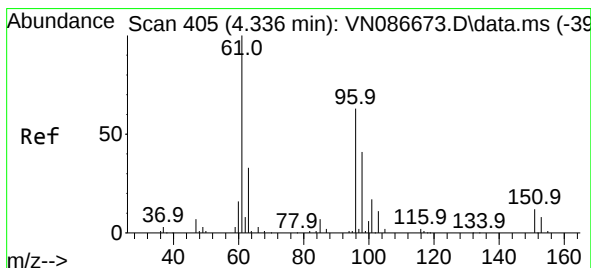
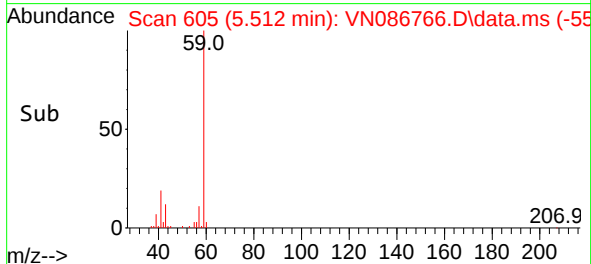
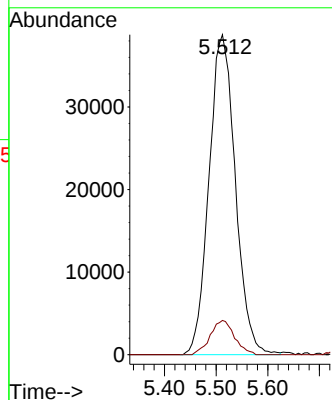
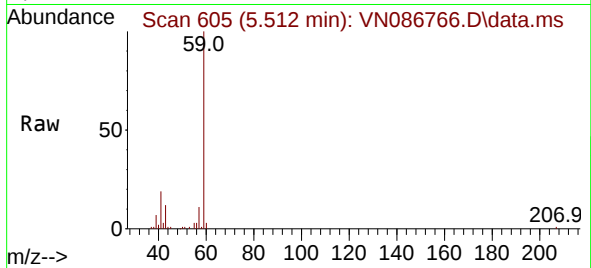




#11
Tert butyl alcohol
Concen: 197.081 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN086766.D
Acq: 23 May 2025 09:53

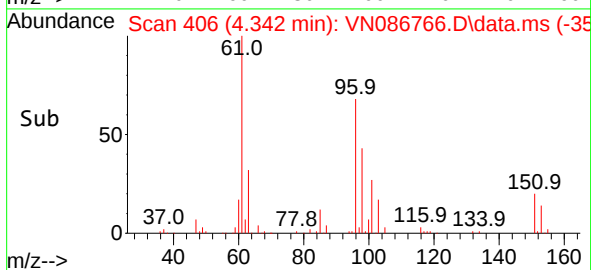
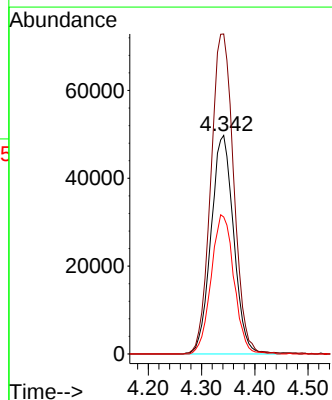
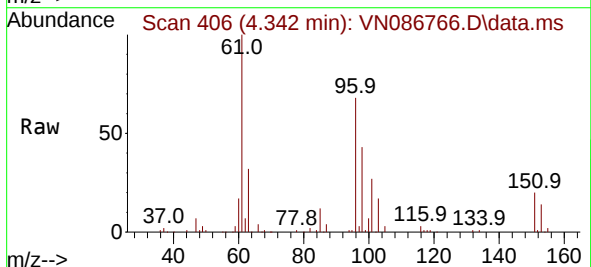
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

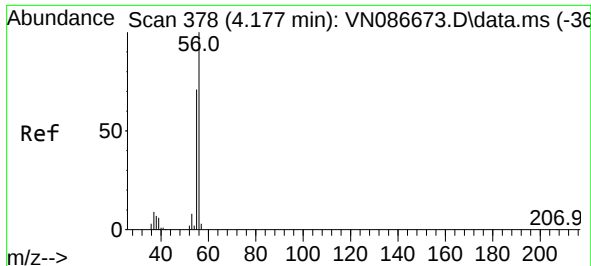
Tgt Ion: 59 Resp: 137231
Ion Ratio Lower Upper
59 100
57 9.8 8.2 12.2



#12
1,1-Dichloroethene
Concen: 47.525 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN086766.D
Acq: 23 May 2025 09:53

Tgt Ion: 96 Resp: 146666
Ion Ratio Lower Upper
96 100
61 146.4 126.2 189.2
98 62.7 51.5 77.3

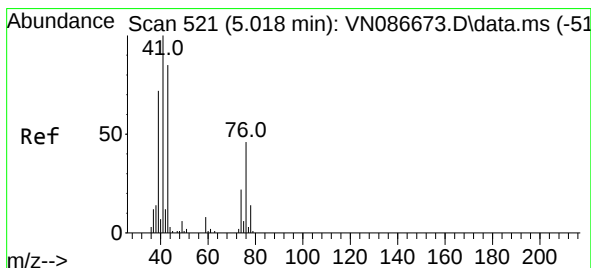
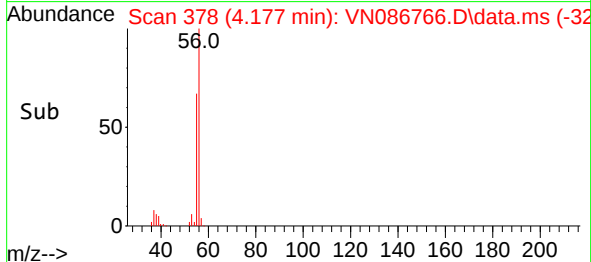
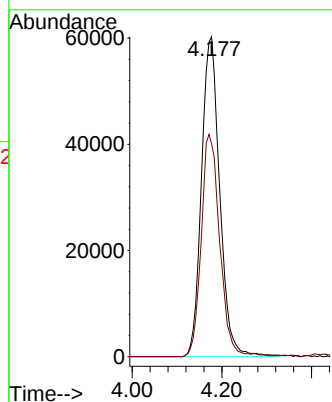
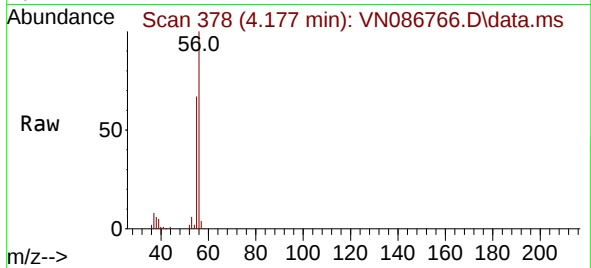




#13
Acrolein
Concen: 228.757 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN086766.D
Acq: 23 May 2025 09:53

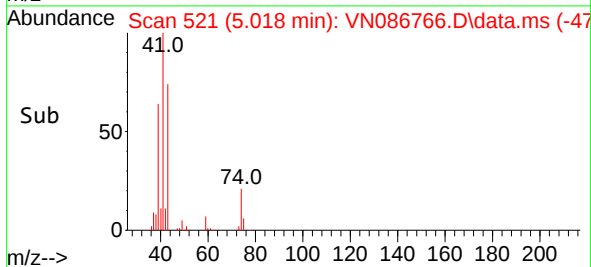
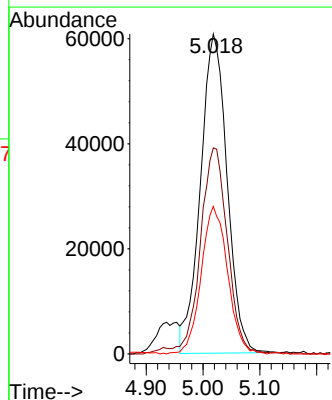
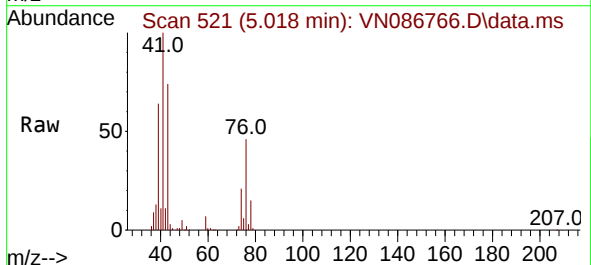
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

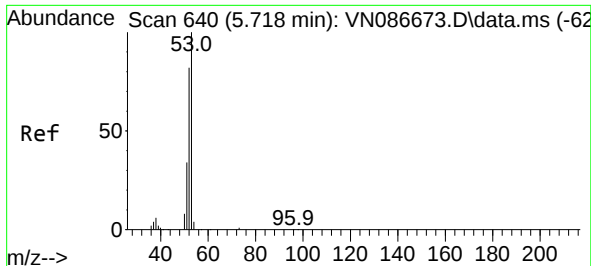
Tgt Ion: 56 Resp: 170282
Ion Ratio Lower Upper
56 100
55 69.6 55.7 83.5



#14
Allyl chloride
Concen: 42.389 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN086766.D
Acq: 23 May 2025 09:53

Tgt Ion: 41 Resp: 198001
Ion Ratio Lower Upper
41 100
39 65.6 57.4 86.0
76 46.0 33.2 49.8

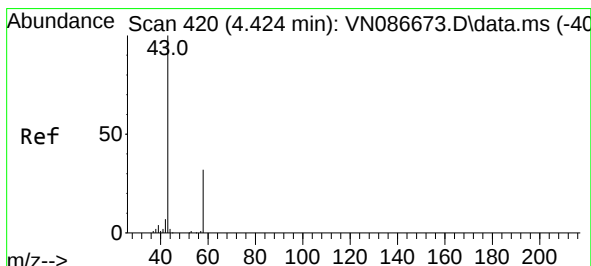
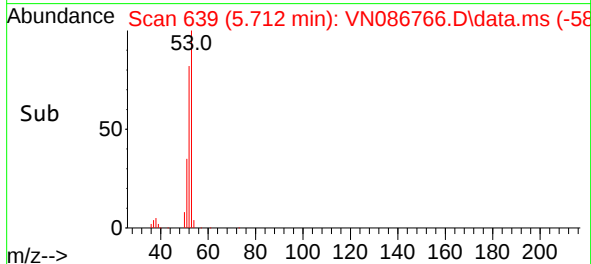
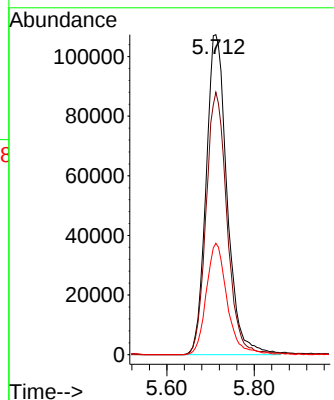
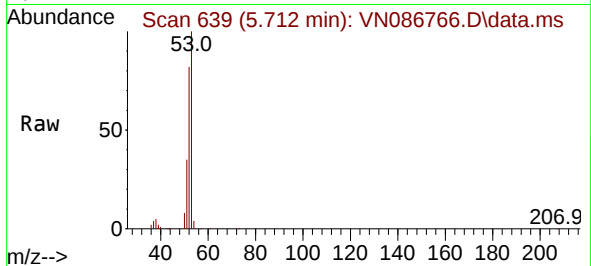




#15
Acrylonitrile
Concen: 208.484 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086766.D
Acq: 23 May 2025 09:53

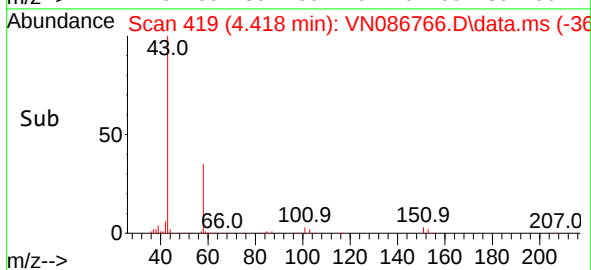
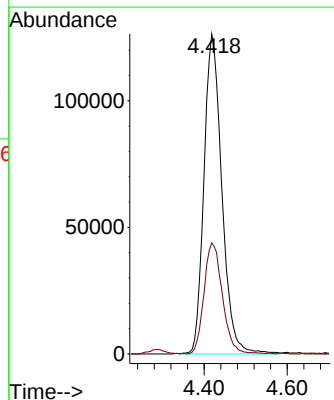
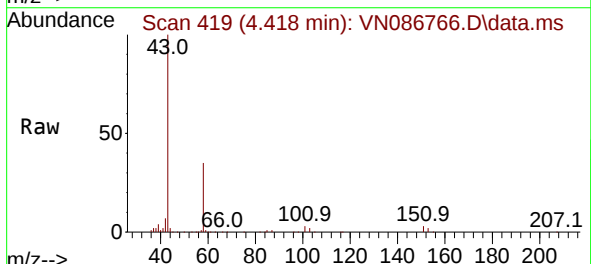
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

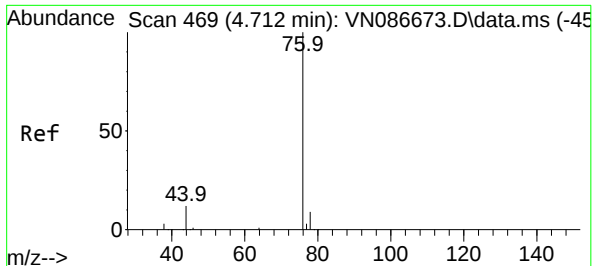
Tgt Ion: 53 Resp: 359440
Ion Ratio Lower Upper
53 100
52 81.7 65.4 98.2
51 34.6 27.9 41.9



#16
Acetone
Concen: 263.938 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN086766.D
Acq: 23 May 2025 09:53

Tgt Ion: 43 Resp: 377475
Ion Ratio Lower Upper
43 100
58 34.6 25.8 38.6

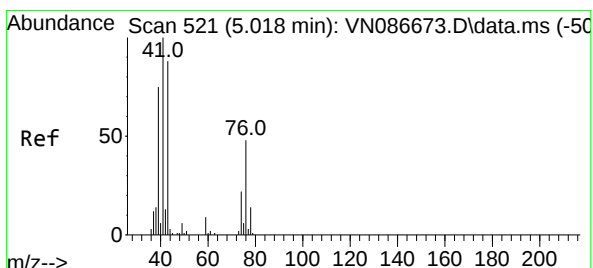
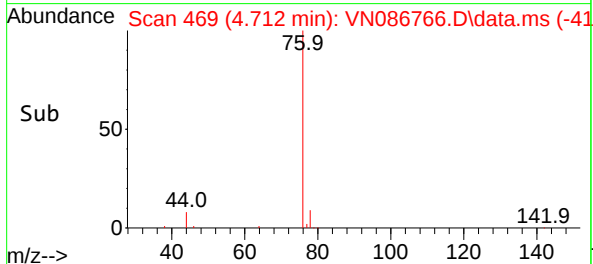
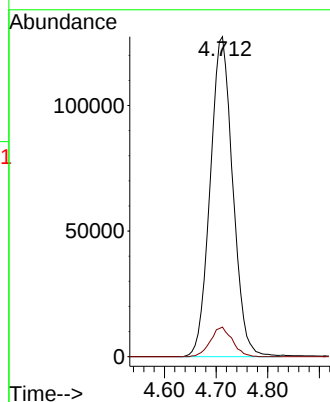
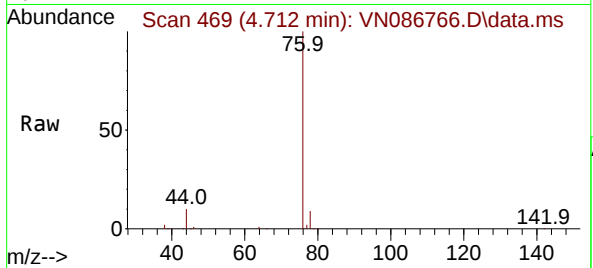




#17
Carbon Disulfide
Concen: 45.373 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN086766.D
Acq: 23 May 2025 09:53

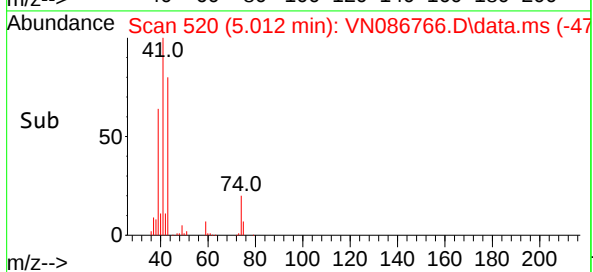
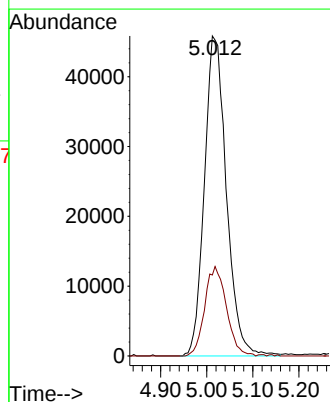
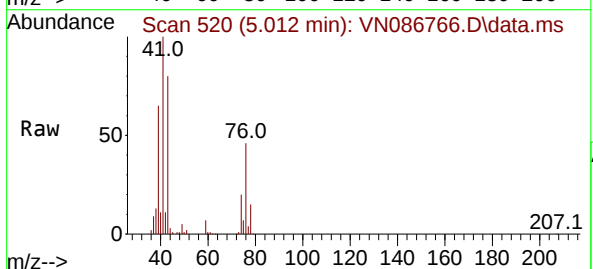
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

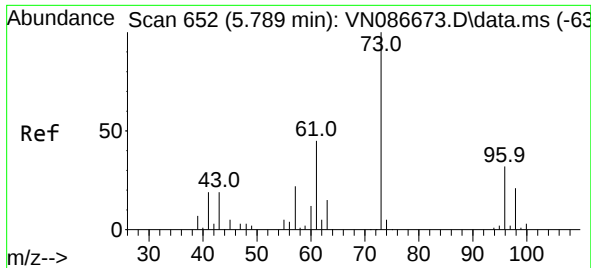
Tgt Ion: 76 Resp: 387676
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



#18
Methyl Acetate
Concen: 38.123 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN086766.D
Acq: 23 May 2025 09:53

Tgt Ion: 43 Resp: 152601
Ion Ratio Lower Upper
43 100
74 27.5 20.5 30.7

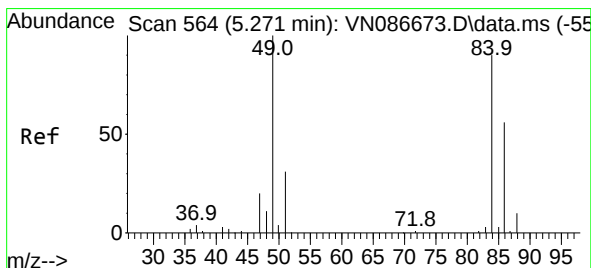
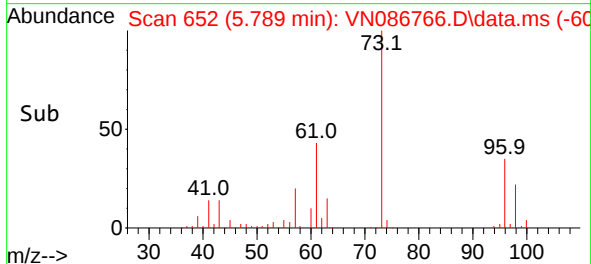
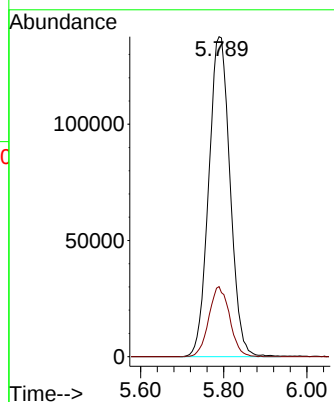
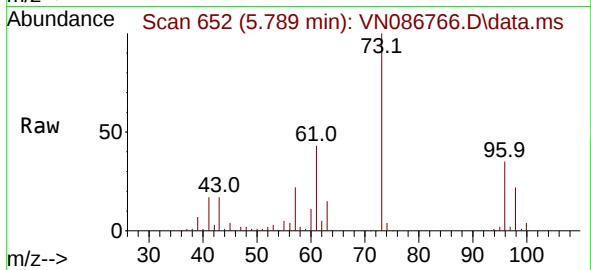




#19
Methyl tert-butyl Ether
Concen: 46.646 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086766.D
Acq: 23 May 2025 09:53

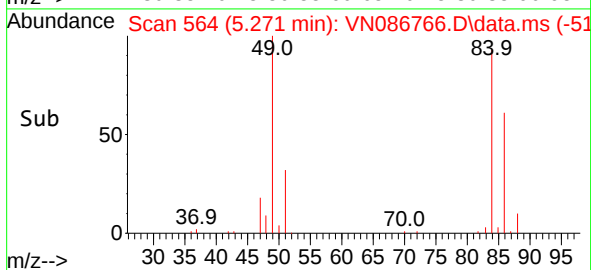
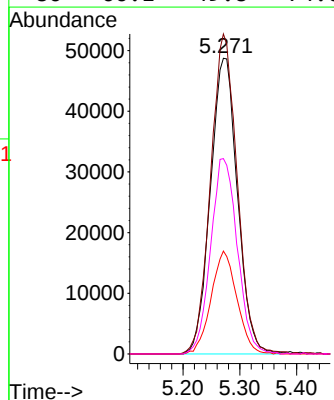
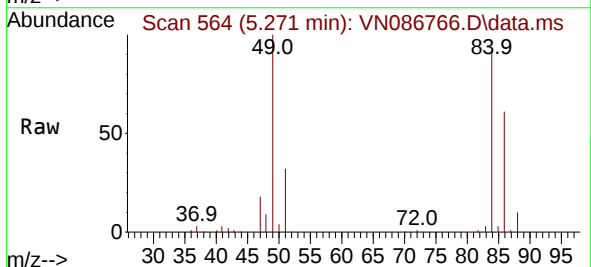
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

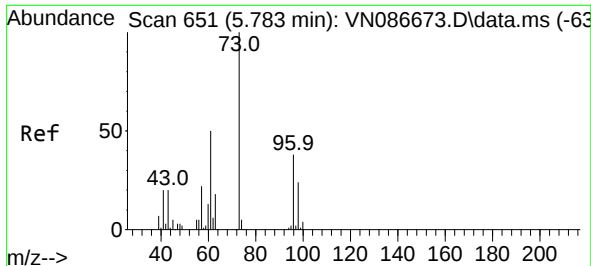
Tgt Ion: 73 Resp: 490165
Ion Ratio Lower Upper
73 100
57 21.9 17.7 26.5



#20
Methylene Chloride
Concen: 42.731 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086766.D
Acq: 23 May 2025 09:53

Tgt Ion: 84 Resp: 161267
Ion Ratio Lower Upper
84 100
49 108.2 88.8 133.2
51 34.8 27.8 41.6
86 66.1 49.8 74.6

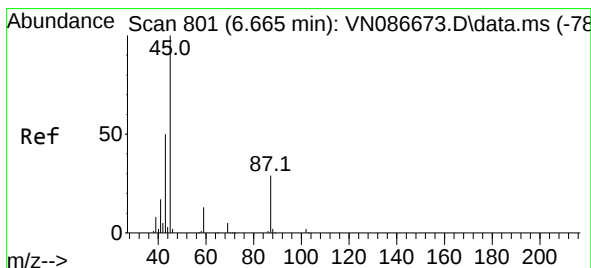
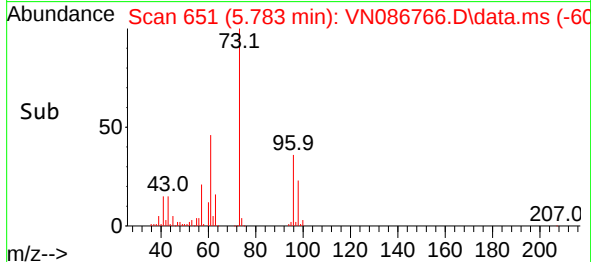
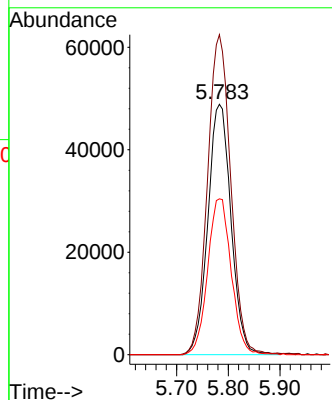
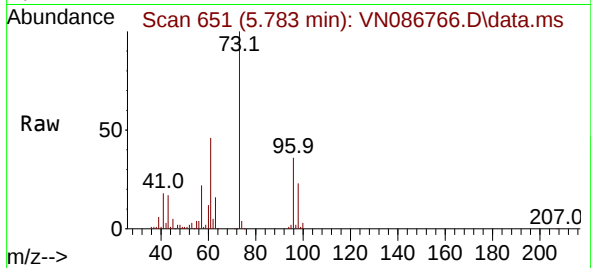




#21
trans-1,2-Dichloroethene
Concen: 46.693 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086766.D
Acq: 23 May 2025 09:53

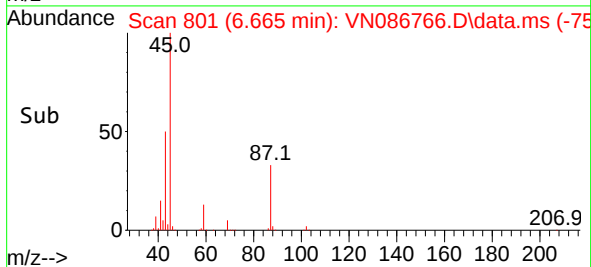
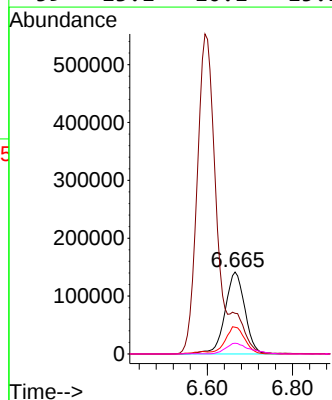
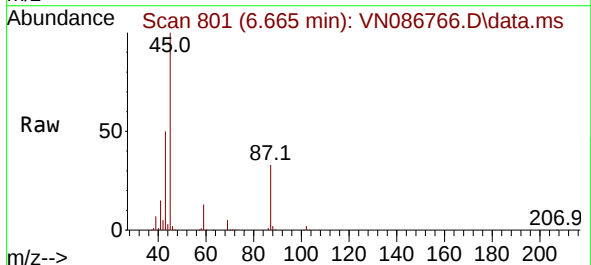
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ClientSampleId :
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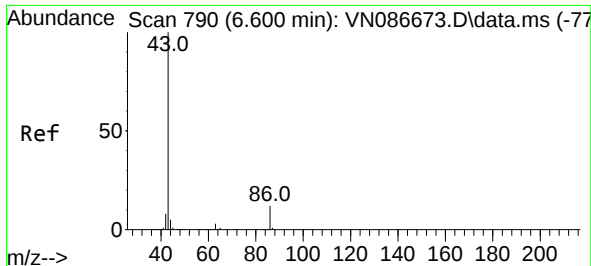
Tgt Ion: 96 Resp: 152352
Ion Ratio Lower Upper
96 100
61 127.8 105.7 158.5
98 62.3 51.0 76.6



#22
Diisopropyl ether
Concen: 43.264 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN086766.D
Acq: 23 May 2025 09:53

Tgt Ion: 45 Resp: 455920
Ion Ratio Lower Upper
45 100
43 48.7 41.4 62.2
87 32.7 22.9 34.3
59 13.1 10.1 15.1

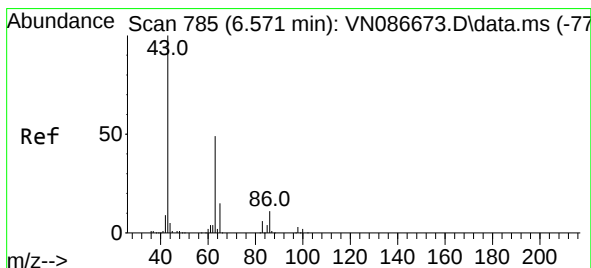
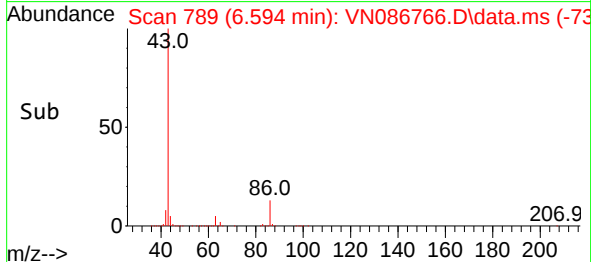
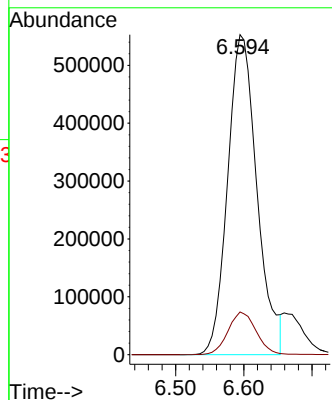
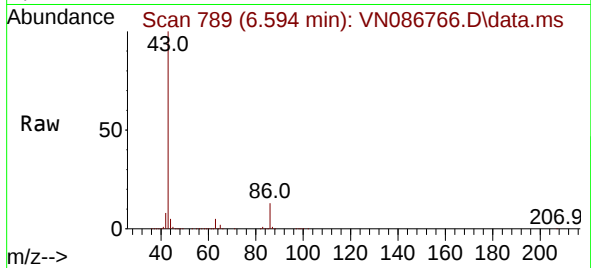




#23
 Vinyl Acetate
 Concen: 208.691 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. -0.006 min
 Lab File: VN086766.D
 Acq: 23 May 2025 09:53

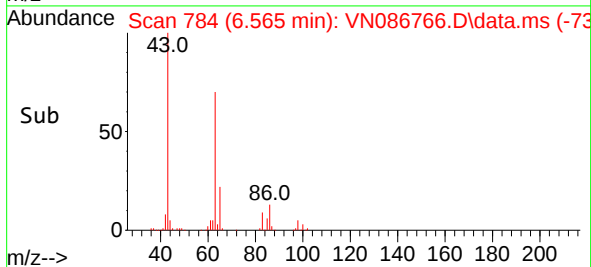
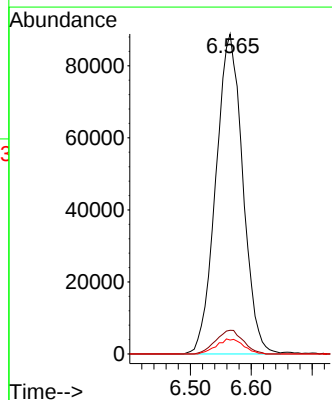
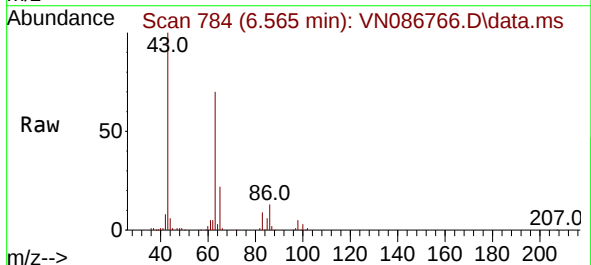
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

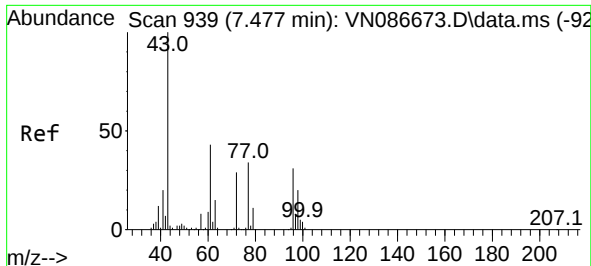
Tgt Ion: 43 Resp: 1652856
 Ion Ratio Lower Upper
 43 100
 86 13.4 9.5 14.3



#24
 1,1-Dichloroethane
 Concen: 44.075 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN086766.D
 Acq: 23 May 2025 09:53

Tgt Ion: 63 Resp: 272695
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.4 10.2
 100 4.3 2.4 7.1

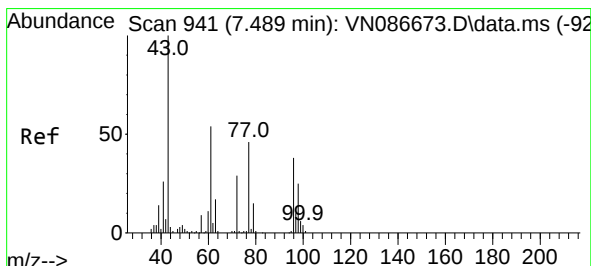
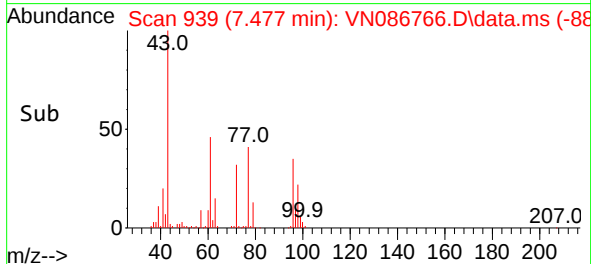
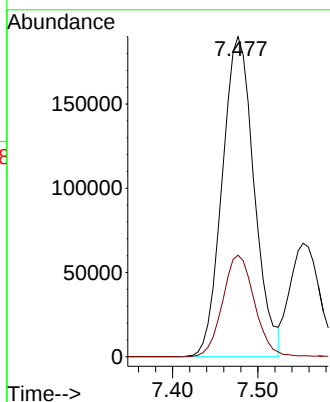
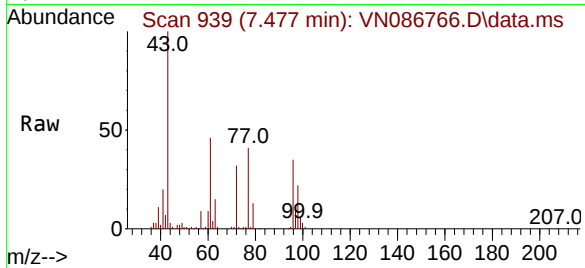




#25
2-Butanone
Concen: 224.030 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086766.D
Acq: 23 May 2025 09:53

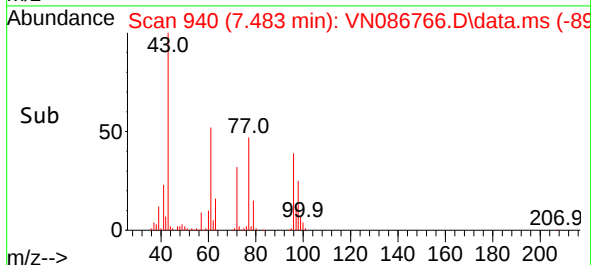
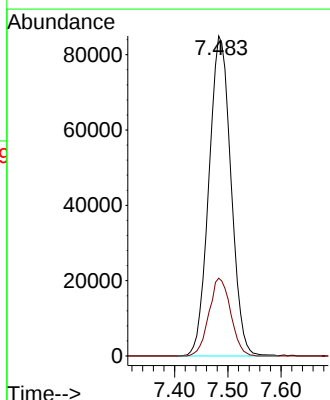
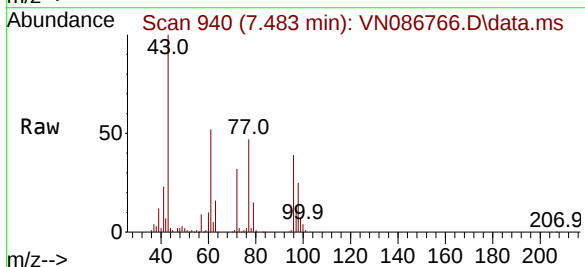
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

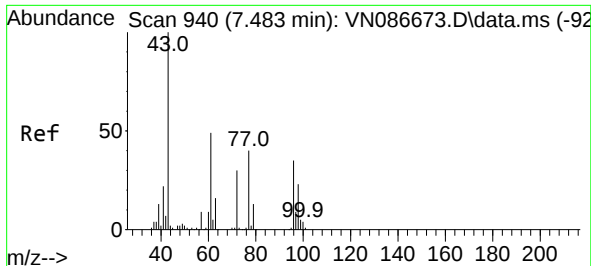
Tgt Ion: 43 Resp: 495106
Ion Ratio Lower Upper
43 100
72 31.7 23.1 34.7



#26
2,2-Dichloropropane
Concen: 47.837 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN086766.D
Acq: 23 May 2025 09:53

Tgt Ion: 77 Resp: 244252
Ion Ratio Lower Upper
77 100
97 23.9 11.6 34.7

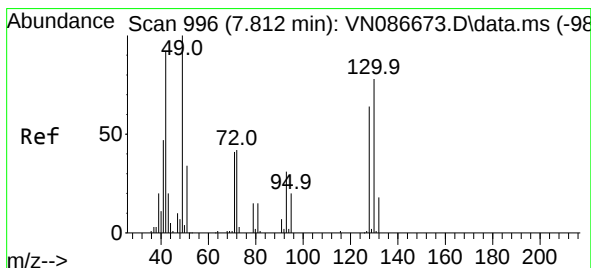
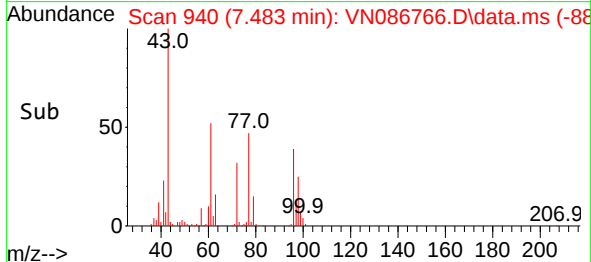
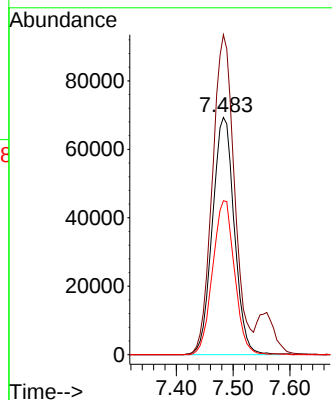
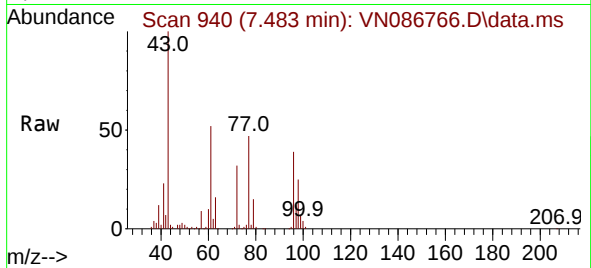




#27
 cis-1,2-Dichloroethene
 Concen: 46.342 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN086766.D
 Acq: 23 May 2025 09:53

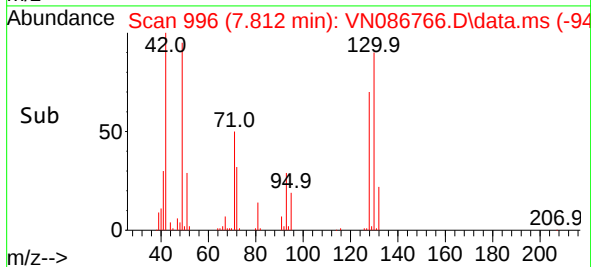
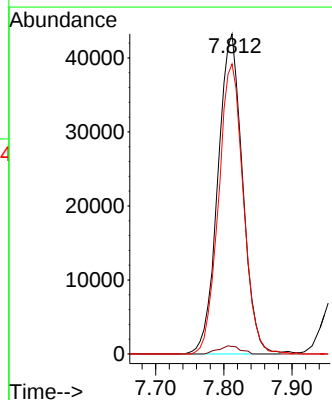
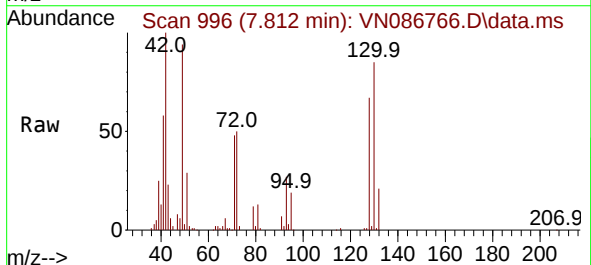
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

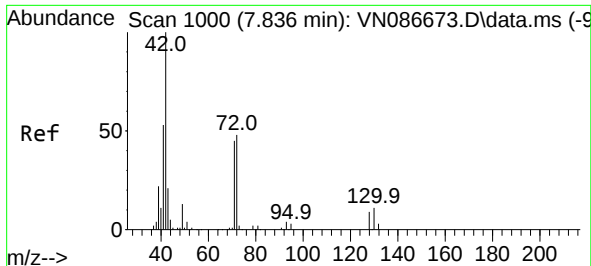
Tgt Ion: 96 Resp: 185598
 Ion Ratio Lower Upper
 96 100
 61 136.0 0.0 277.4
 98 64.8 0.0 129.6



#28
 Bromochloromethane
 Concen: 38.841 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN086766.D
 Acq: 23 May 2025 09:53

Tgt Ion: 49 Resp: 109184
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 3.8
 130 90.7 62.2 93.4





#29

Tetrahydrofuran

Concen: 196.232 ug/l

RT: 7.830 min Scan# 999

Delta R.T. -0.006 min

Lab File: VN086766.D

Acq: 23 May 2025 09:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

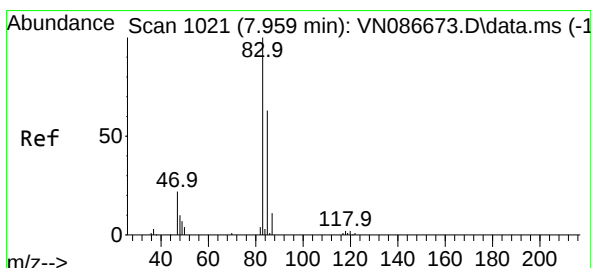
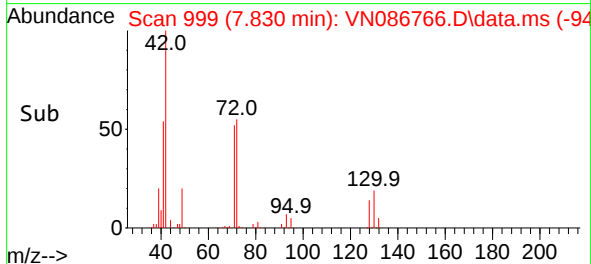
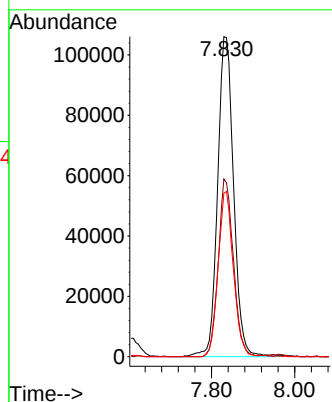
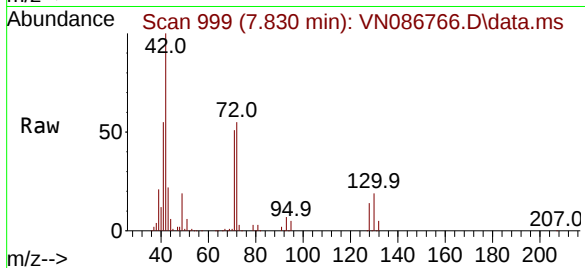
Tgt Ion: 42 Resp: 283065

Ion Ratio Lower Upper

42 100

72 52.7 38.7 58.1

71 49.0 36.2 54.4



#30

Chloroform

Concen: 44.356 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VN086766.D

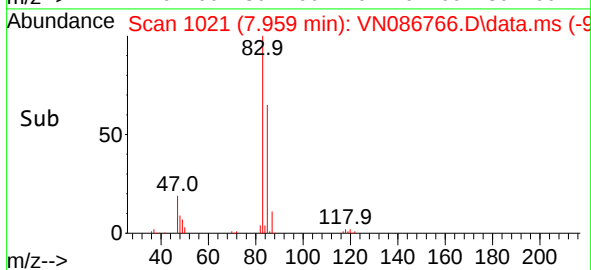
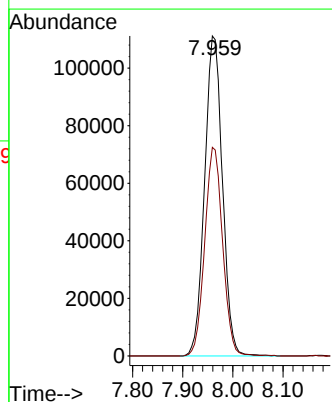
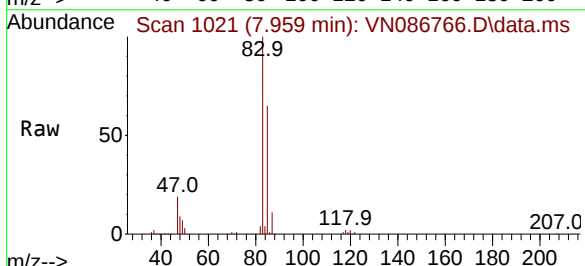
Acq: 23 May 2025 09:53

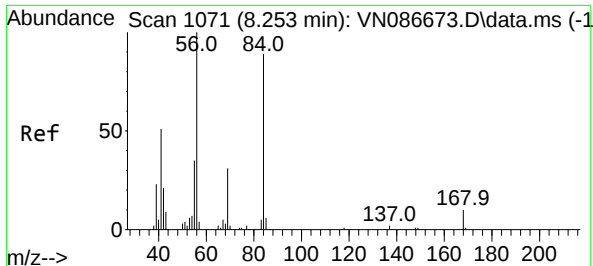
Tgt Ion: 83 Resp: 274684

Ion Ratio Lower Upper

83 100

85 65.2 50.2 75.4





#31

Cyclohexane

Concen: 41.234 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.000 min

Lab File: VN086766.D

Acq: 23 May 2025 09:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

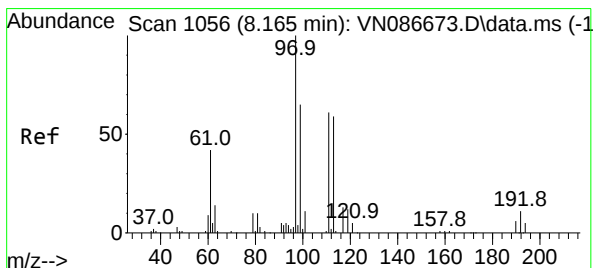
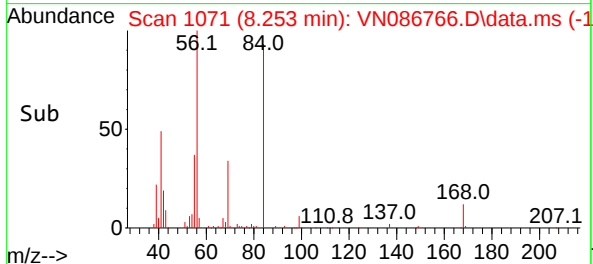
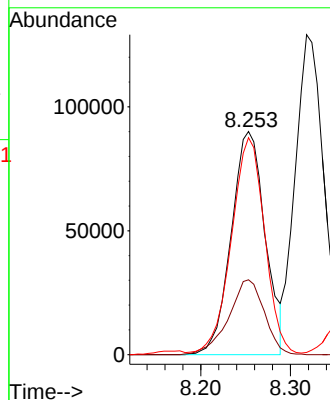
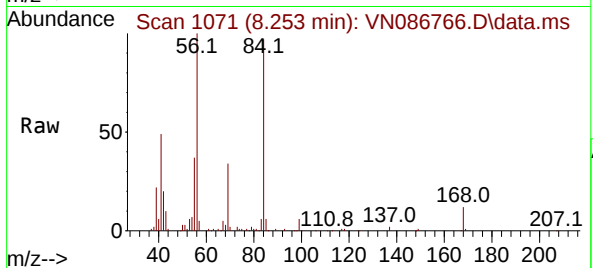
Tgt Ion: 56 Resp: 236609

Ion Ratio Lower Upper

56 100

69 33.5 25.0 37.6

84 95.5 71.0 106.4



#32

1,1,1-Trichloroethane

Concen: 45.646 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086766.D

Acq: 23 May 2025 09:53

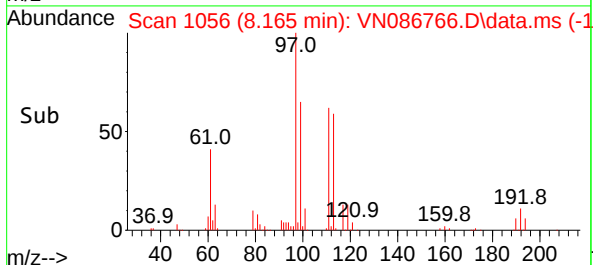
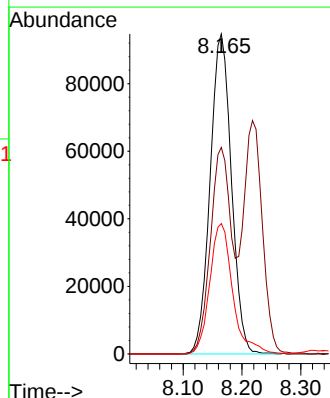
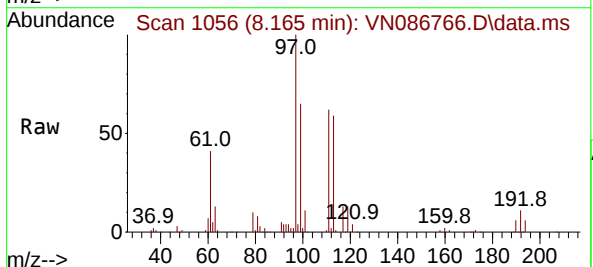
Tgt Ion: 97 Resp: 238328

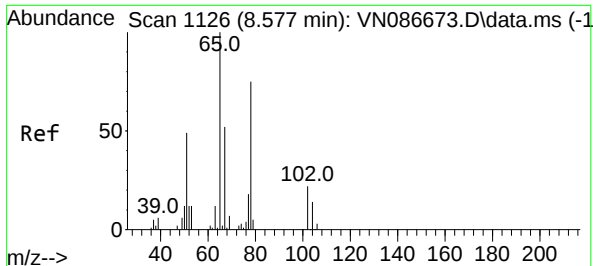
Ion Ratio Lower Upper

97 100

99 62.2 52.6 79.0

61 44.0 37.7 56.5





#33

1,2-Dichloroethane-d4

Concen: 42.798 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086766.D

Acq: 23 May 2025 09:53

Instrument :

MSVOA_N

ClientSampleId :

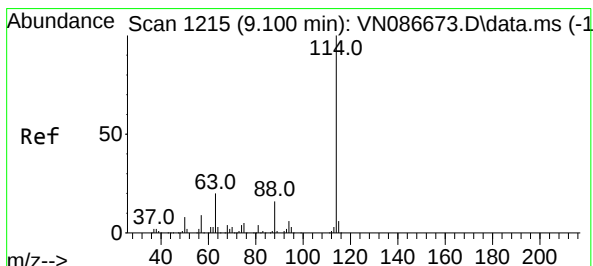
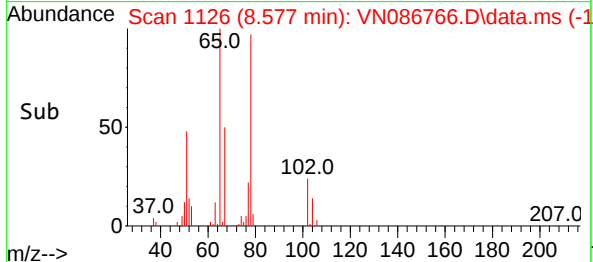
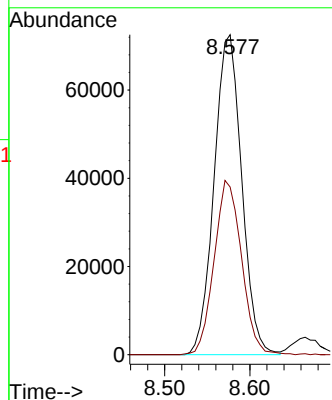
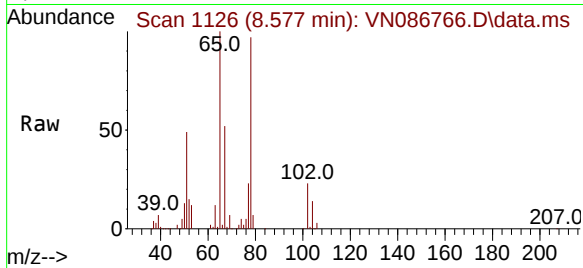
VSTDCCC050

Tgt Ion: 65 Resp: 163628

Ion Ratio Lower Upper

65 100

67 54.0 0.0 106.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VN086766.D

Acq: 23 May 2025 09:53

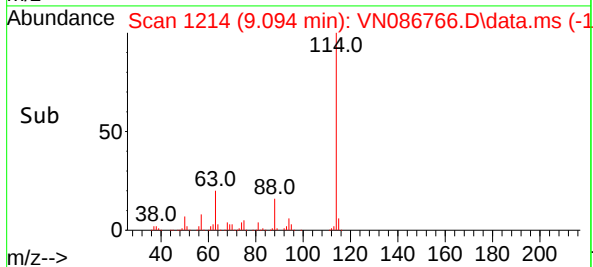
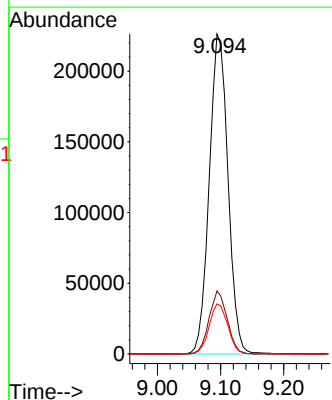
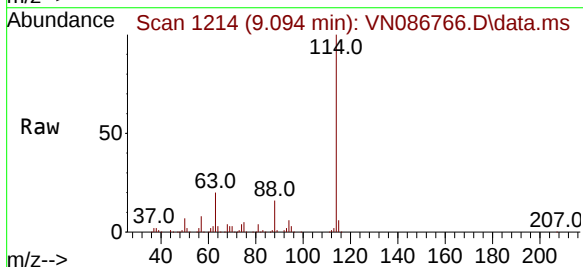
Tgt Ion: 114 Resp: 466652

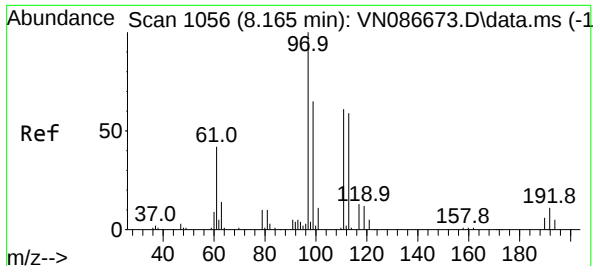
Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.2

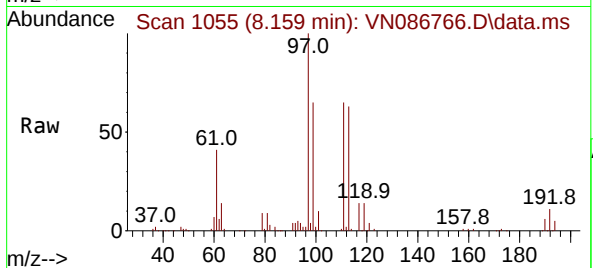
88 15.6 0.0 31.2



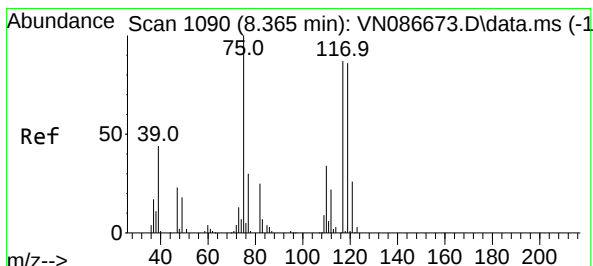
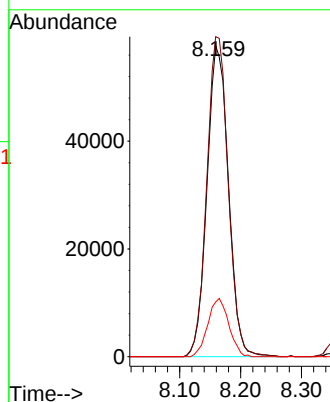
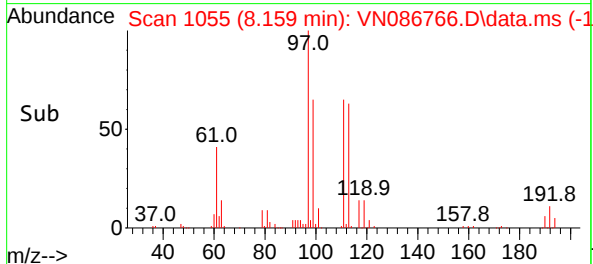


#35
Dibromofluoromethane
Concen: 50.859 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN086766.D
Acq: 23 May 2025 09:53

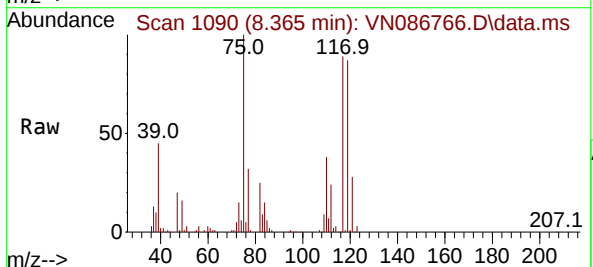
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



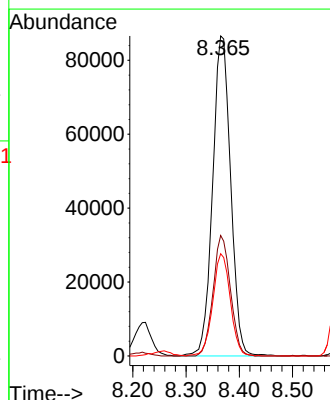
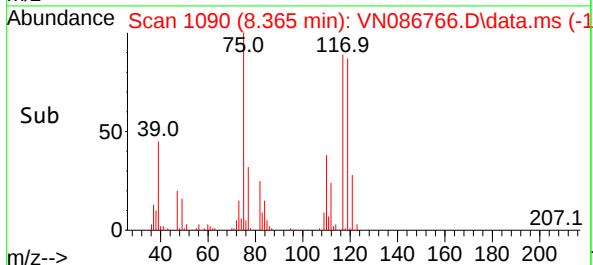
Tgt Ion:113 Resp: 141342
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 18.3 13.8 20.8

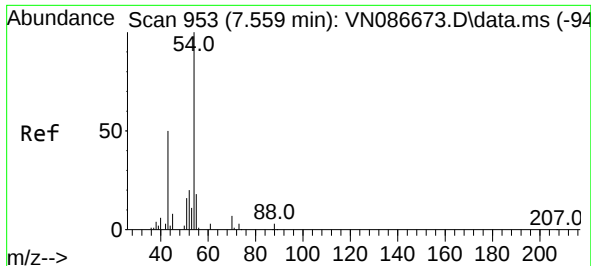


#36
1,1-Dichloropropene
Concen: 49.658 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN086766.D
Acq: 23 May 2025 09:53



Tgt Ion: 75 Resp: 203564
Ion Ratio Lower Upper
75 100
110 36.2 17.5 52.5
77 31.1 25.1 37.7

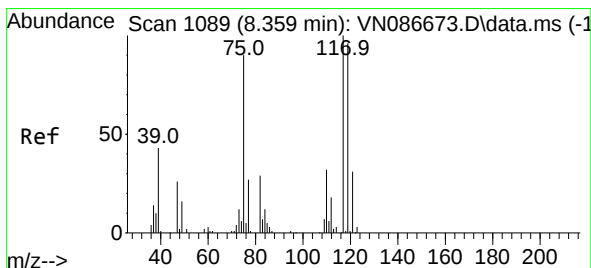
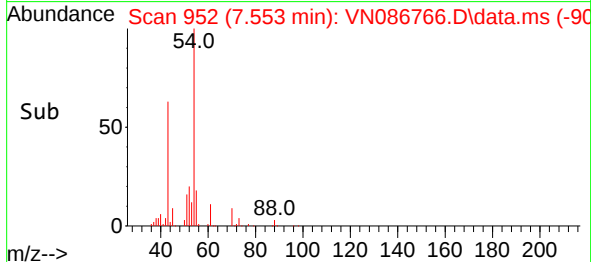
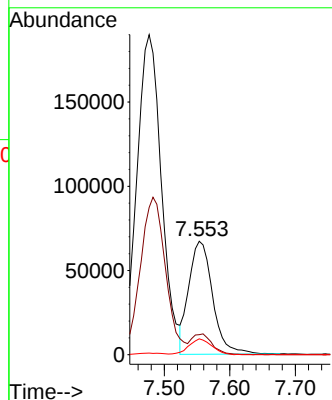
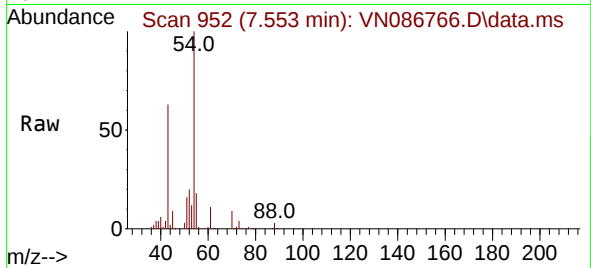




#37
Ethyl Acetate
Concen: 41.011 ug/l
RT: 7.553 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086766.D
Acq: 23 May 2025 09:53

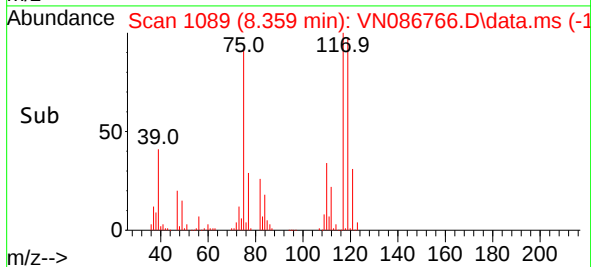
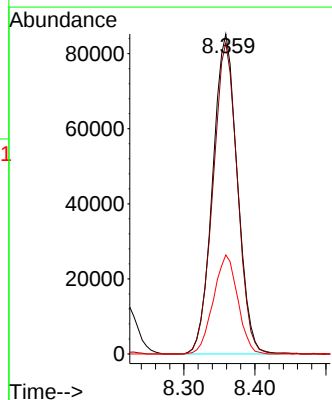
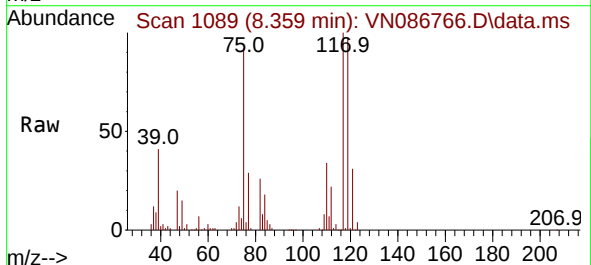
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

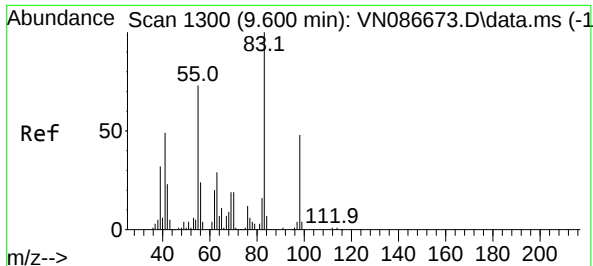
Tgt Ion: 43 Resp: 169820
Ion Ratio Lower Upper
43 100
61 15.7 11.6 17.4
70 13.5 9.4 14.0



#38
Carbon Tetrachloride
Concen: 50.785 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN086766.D
Acq: 23 May 2025 09:53

Tgt Ion: 117 Resp: 205121
Ion Ratio Lower Upper
117 100
119 97.2 77.0 115.6
121 30.9 25.0 37.6





#39

Methylcyclohexane

Concen: 52.720 ug/l

RT: 9.594 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN086766.D

Acq: 23 May 2025 09:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

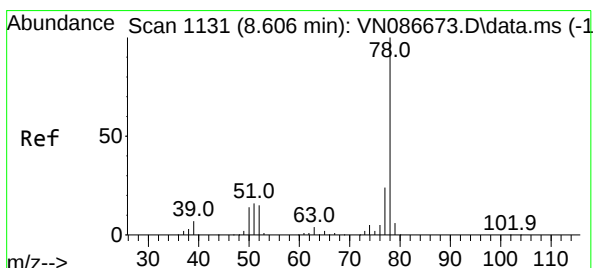
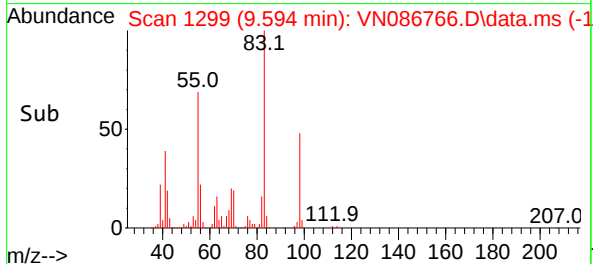
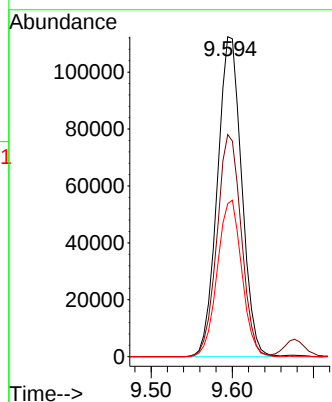
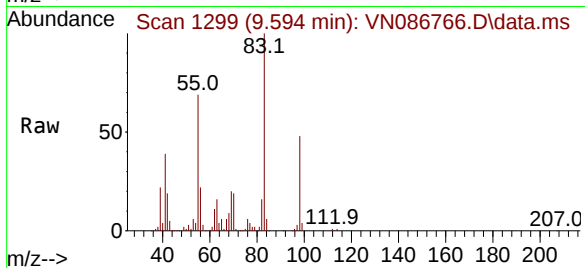
Tgt Ion: 83 Resp: 233902

Ion Ratio Lower Upper

83 100

55 69.4 58.2 87.4

98 47.8 38.4 57.6



#40

Benzene

Concen: 48.489 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN086766.D

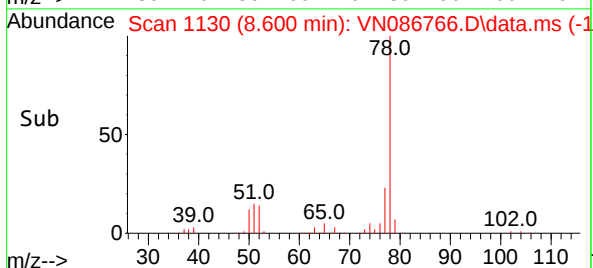
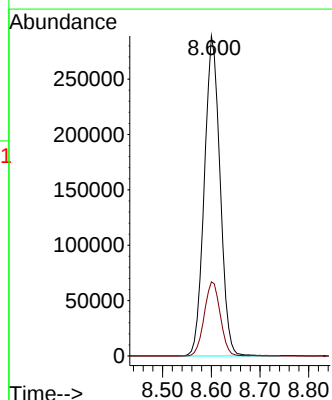
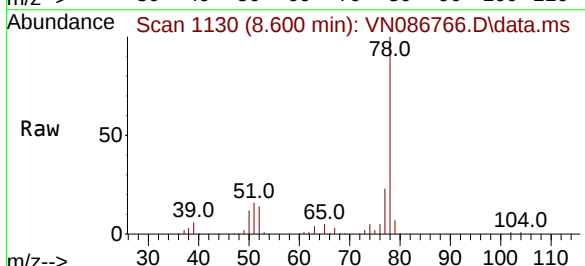
Acq: 23 May 2025 09:53

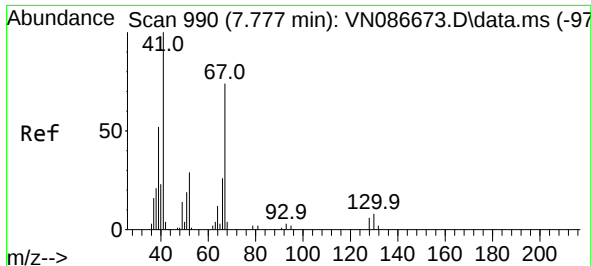
Tgt Ion: 78 Resp: 648429

Ion Ratio Lower Upper

78 100

77 23.2 19.1 28.7

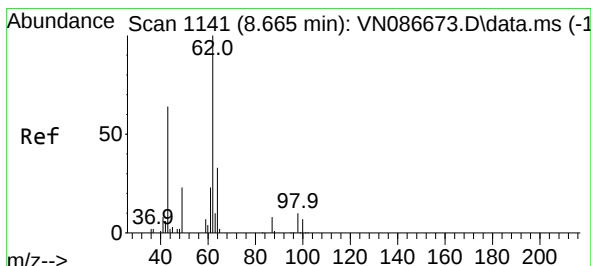
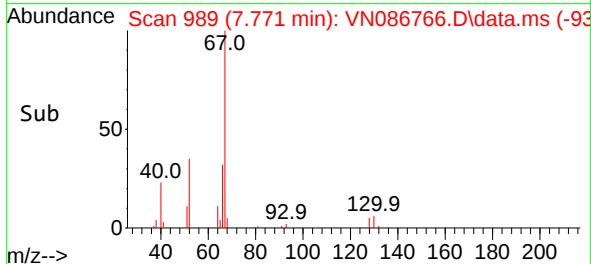
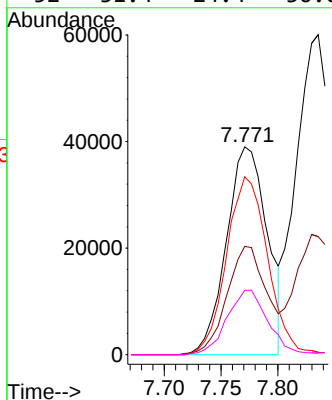
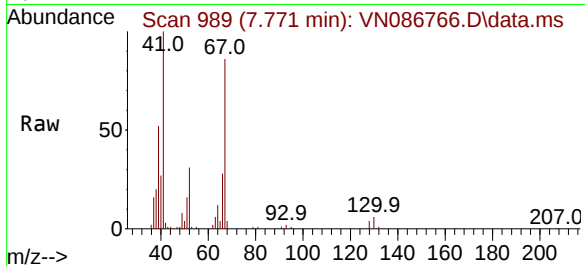




#41
Methacrylonitrile
Concen: 43.657 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086766.D
Acq: 23 May 2025 09:53

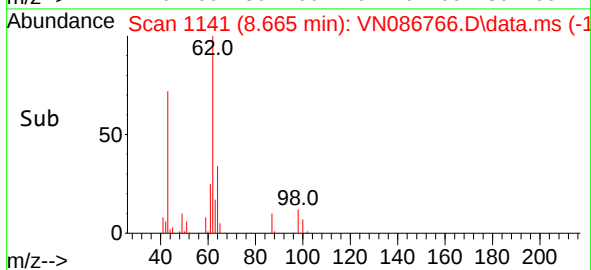
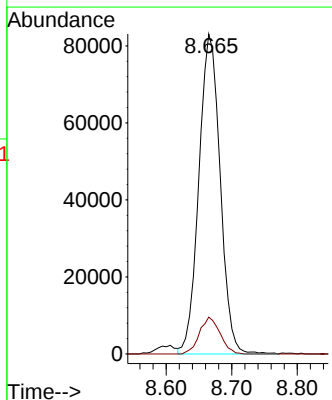
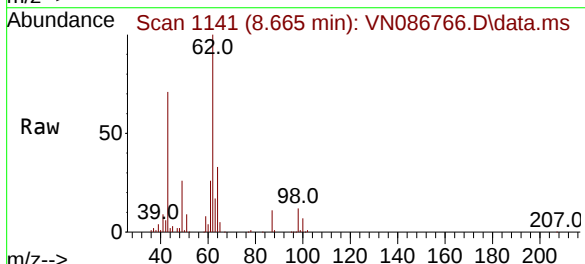
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

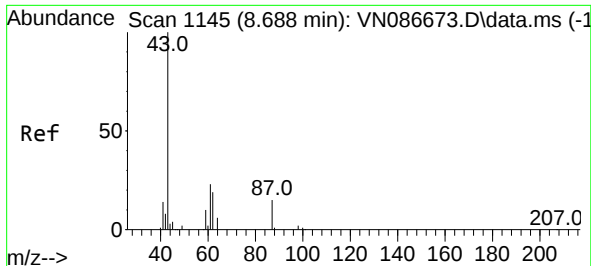
Tgt Ion:	41	Resp:	97608
Ion	Ratio	Lower	Upper
41	100		
39	50.5	44.9	67.3
67	86.6	63.4	95.0
52	31.4	24.4	36.6



#42
1,2-Dichloroethane
Concen: 45.140 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086766.D
Acq: 23 May 2025 09:53

Tgt Ion:	62	Resp:	188061
Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	19.2

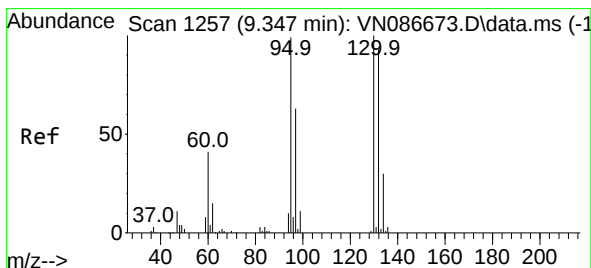
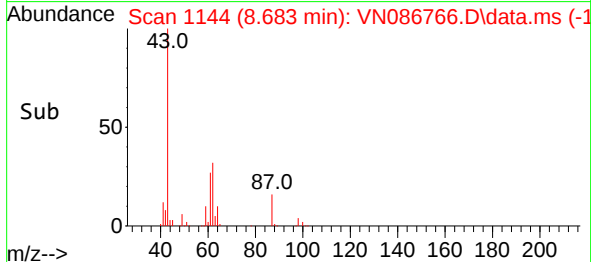
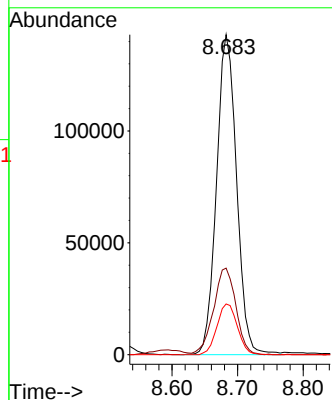
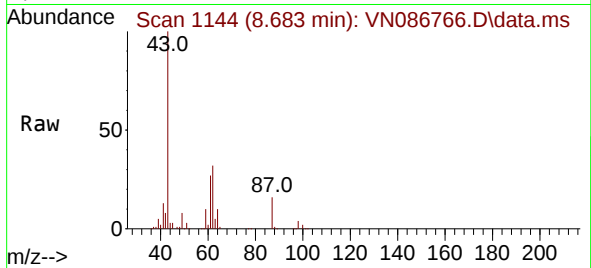




#43
Isopropyl Acetate
Concen: 36.559 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN086766.D
Acq: 23 May 2025 09:53

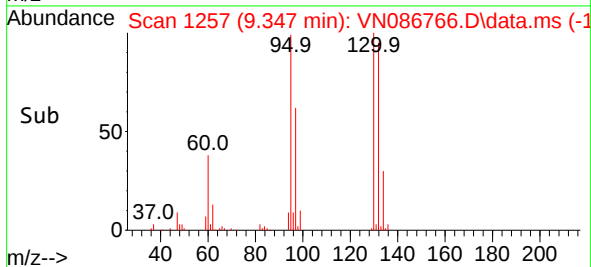
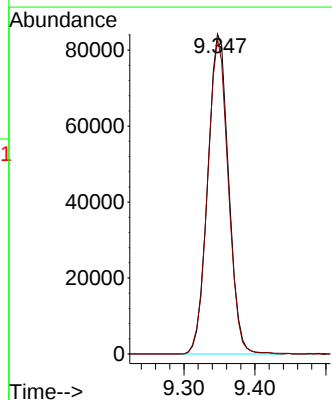
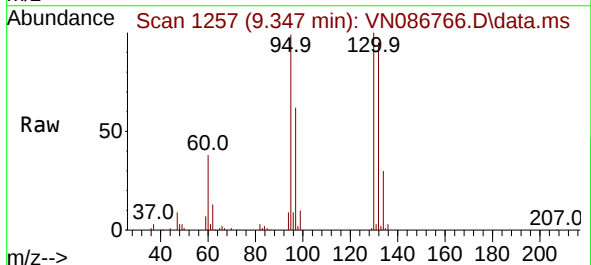
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

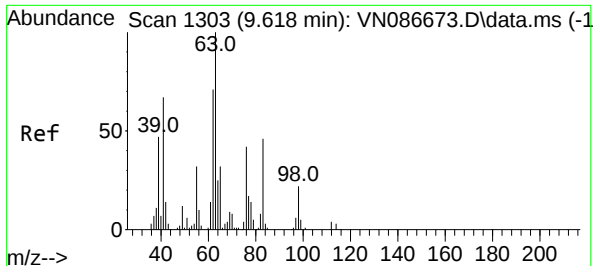
Tgt Ion: 43 Resp: 303488
Ion Ratio Lower Upper
43 100
61 30.1 21.4 32.2
87 16.1 11.1 16.7



#44
Trichloroethene
Concen: 53.307 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086766.D
Acq: 23 May 2025 09:53

Tgt Ion: 130 Resp: 171938
Ion Ratio Lower Upper
130 100
95 98.6 0.0 197.0





#45

1,2-Dichloropropane

Concen: 47.387 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086766.D

Acq: 23 May 2025 09:53

Instrument :

MSVOA_N

ClientSampleId :

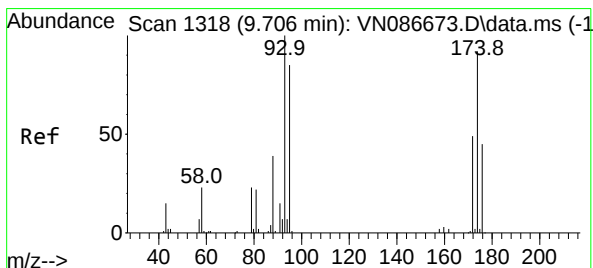
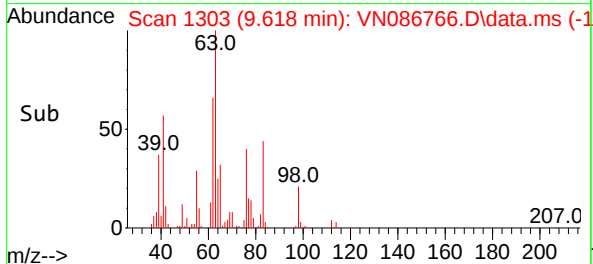
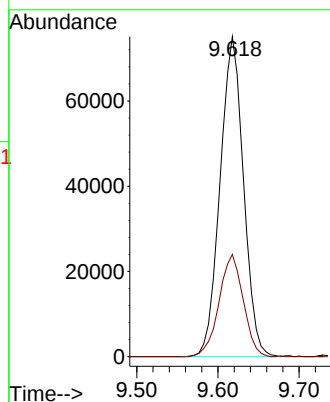
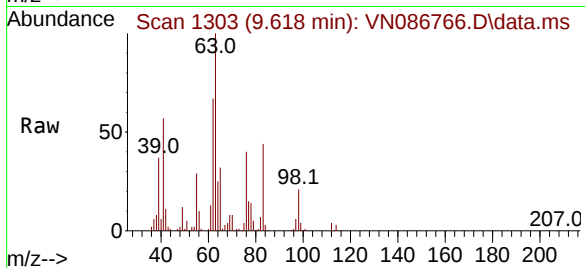
VSTDCCC050

Tgt Ion: 63 Resp: 150535

Ion Ratio Lower Upper

63 100

65 31.9 25.8 38.6



#46

Dibromomethane

Concen: 47.946 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086766.D

Acq: 23 May 2025 09:53

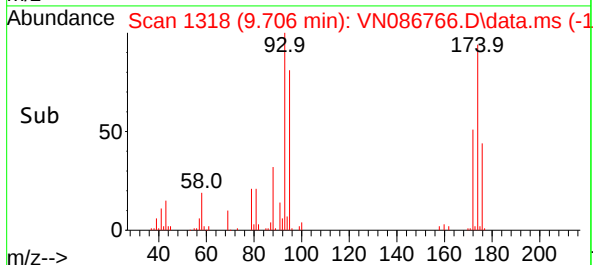
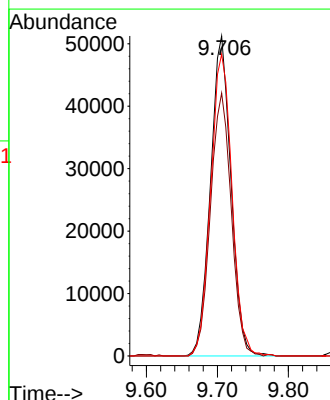
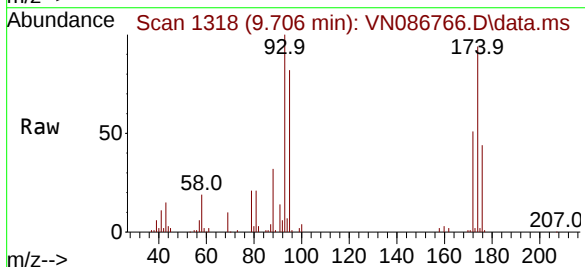
Tgt Ion: 93 Resp: 102774

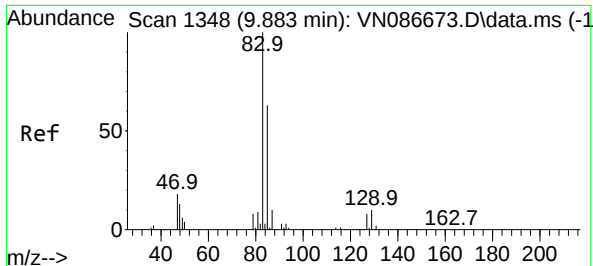
Ion Ratio Lower Upper

93 100

95 83.3 67.1 100.7

174 97.9 73.8 110.6





#47

Bromodichloromethane

Concen: 48.679 ug/l

RT: 9.882 min Scan# 1348

Delta R.T. -0.000 min

Lab File: VN086766.D

Acq: 23 May 2025 09:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

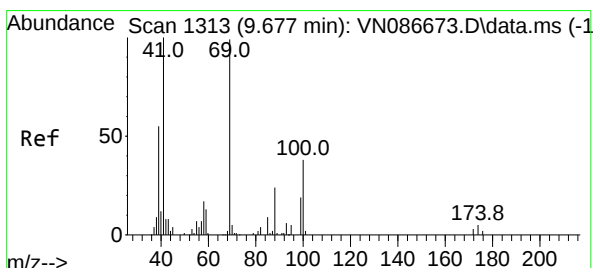
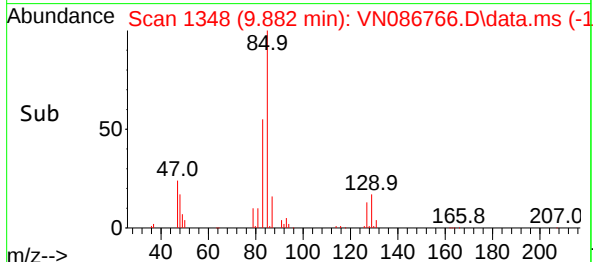
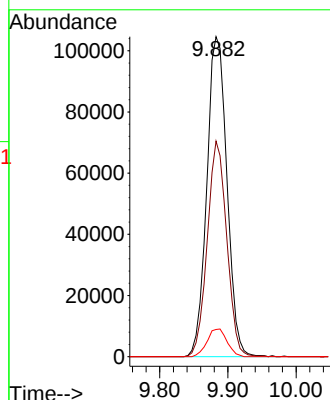
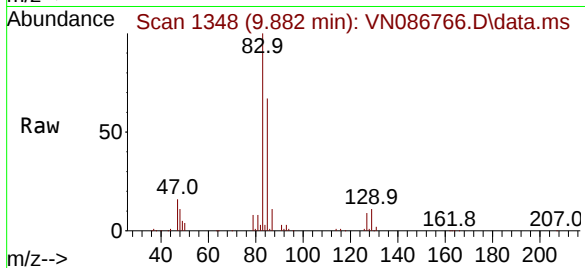
Tgt Ion: 83 Resp: 214997

Ion Ratio Lower Upper

83 100

85 67.3 50.1 75.1

127 8.5 6.2 9.4



#48

Methyl methacrylate

Concen: 42.894 ug/l

RT: 9.677 min Scan# 1313

Delta R.T. -0.000 min

Lab File: VN086766.D

Acq: 23 May 2025 09:53

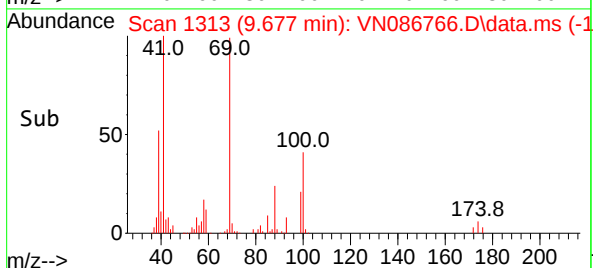
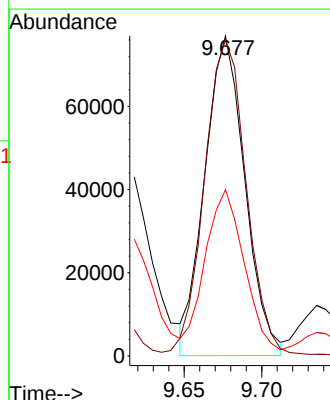
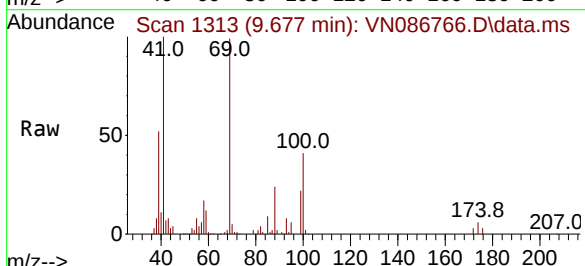
Tgt Ion: 41 Resp: 137977

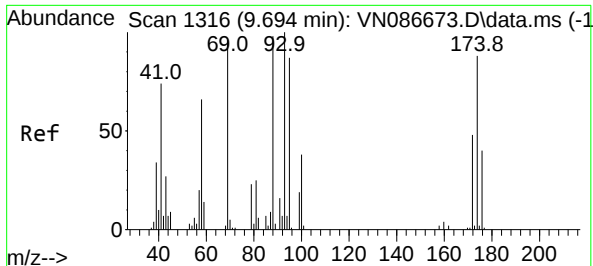
Ion Ratio Lower Upper

41 100

69 103.8 74.1 111.1

39 52.0 44.1 66.1





#49

1,4-Dioxane

Concen: 925.587 ug/l

RT: 9.688 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN086766.D

Acq: 23 May 2025 09:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

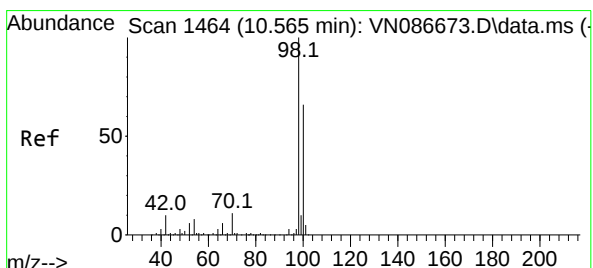
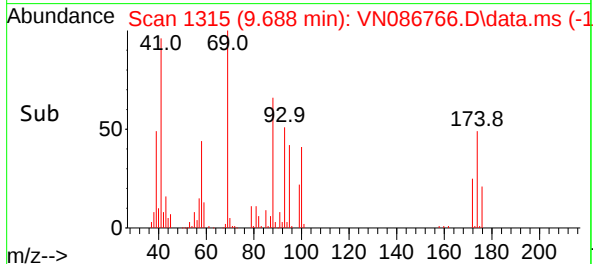
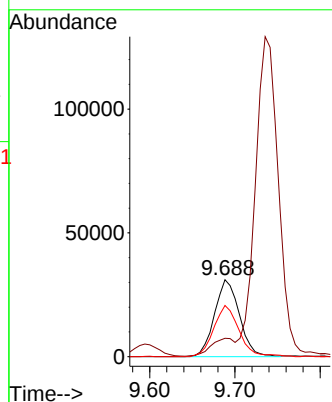
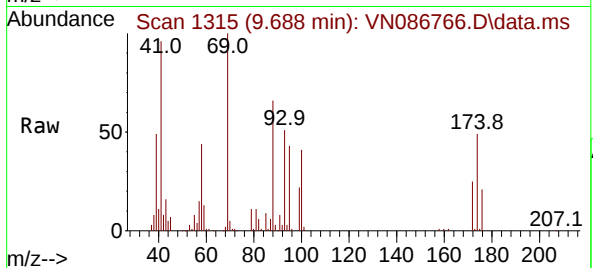
Tgt Ion: 88 Resp: 63045

Ion Ratio Lower Upper

88 100

43 22.4 23.6 35.4#

58 67.9 55.3 82.9



#50

Toluene-d8

Concen: 50.394 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086766.D

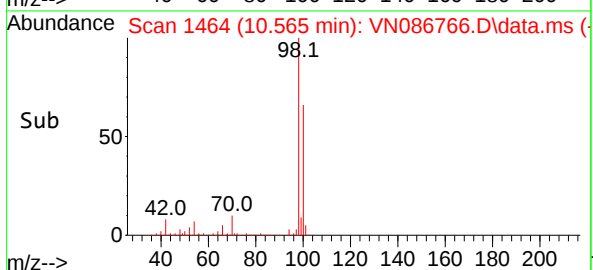
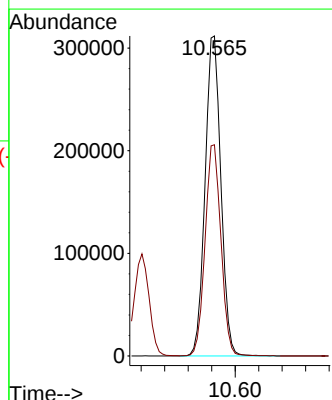
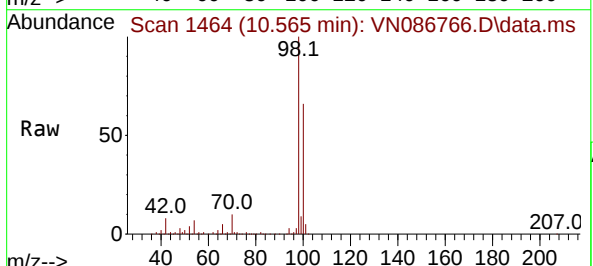
Acq: 23 May 2025 09:53

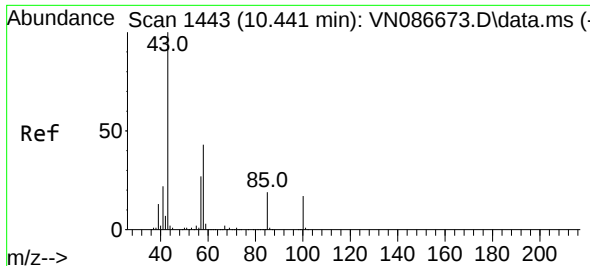
Tgt Ion: 98 Resp: 580375

Ion Ratio Lower Upper

98 100

100 66.4 52.9 79.3

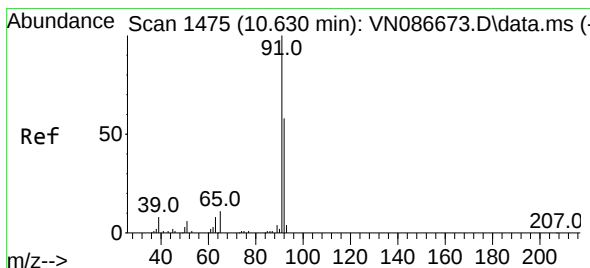
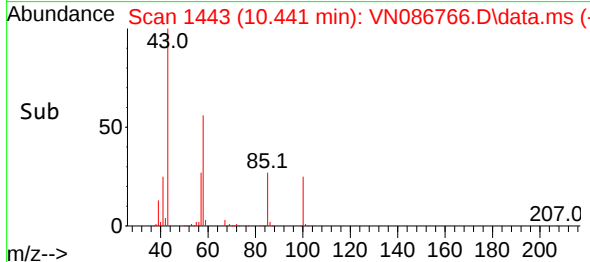
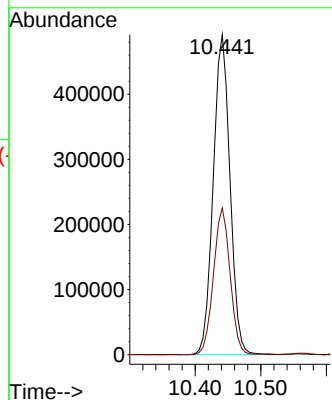
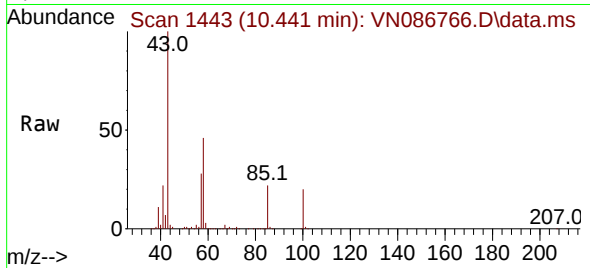




#51
4-Methyl-2-Pentanone
Concen: 207.823 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086766.D
Acq: 23 May 2025 09:53

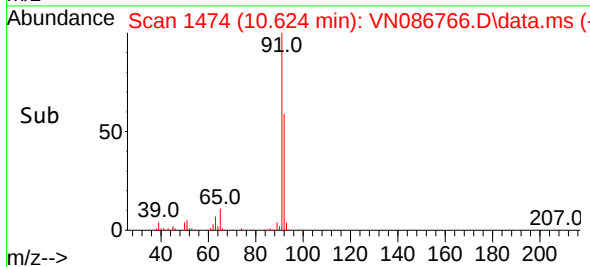
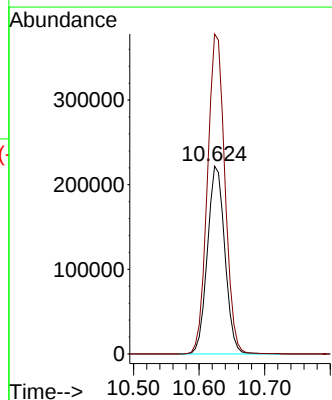
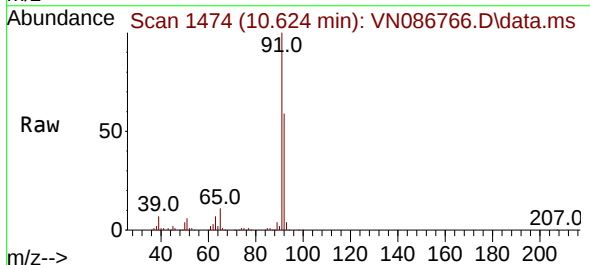
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

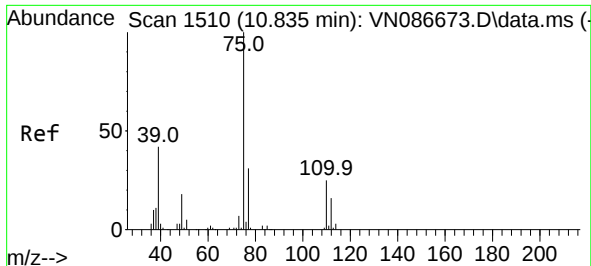
Tgt Ion: 43 Resp: 869995
Ion Ratio Lower Upper
43 100
58 45.5 33.9 50.9



#52
Toluene
Concen: 49.356 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN086766.D
Acq: 23 May 2025 09:53

Tgt Ion: 92 Resp: 410215
Ion Ratio Lower Upper
92 100
91 170.8 137.8 206.8

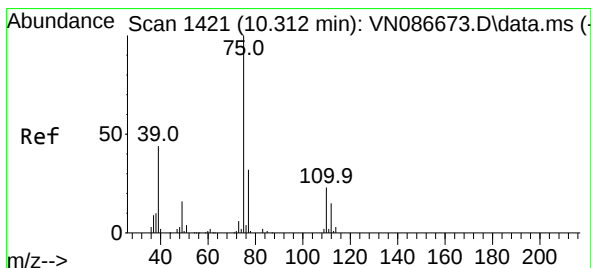
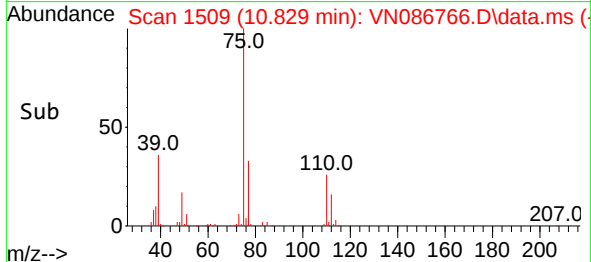
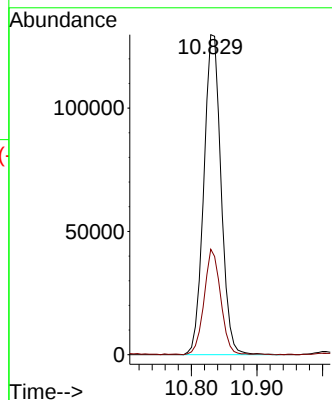
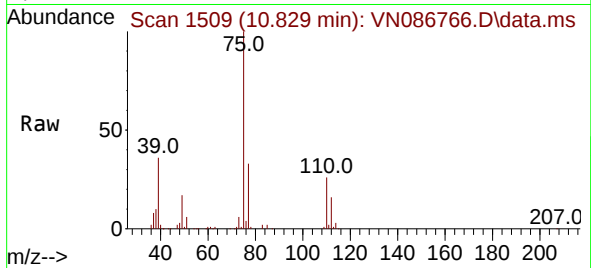




#53
t-1,3-Dichloropropene
Concen: 50.762 ug/l
RT: 10.829 min Scan# 1509
Delta R.T. -0.006 min
Lab File: VN086766.D
Acq: 23 May 2025 09:53

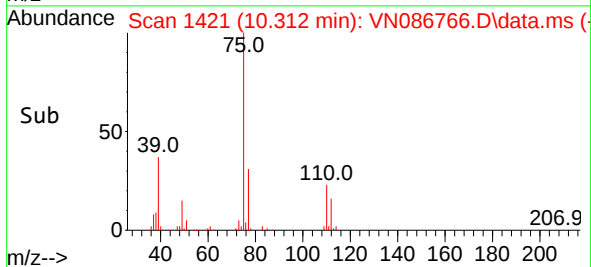
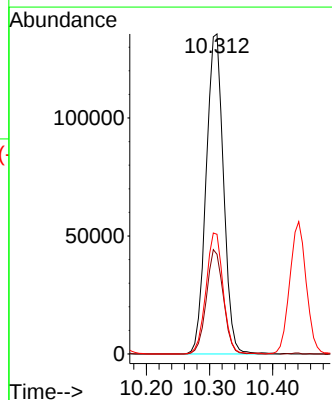
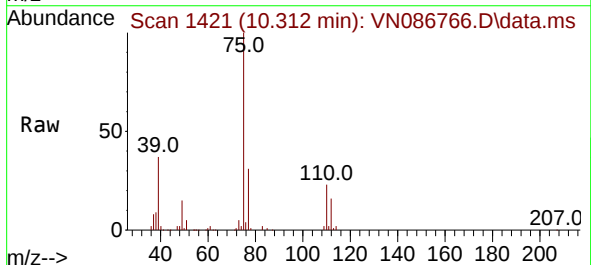
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

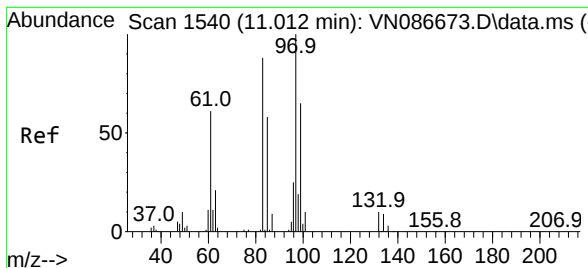
Tgt Ion: 75 Resp: 237372
Ion Ratio Lower Upper
75 100
77 32.8 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 50.716 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN086766.D
Acq: 23 May 2025 09:53

Tgt Ion: 75 Resp: 258890
Ion Ratio Lower Upper
75 100
77 31.1 25.3 37.9
39 37.4 35.2 52.8

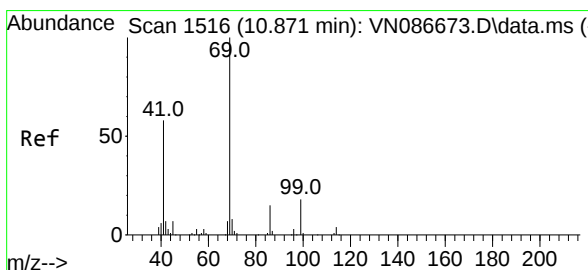
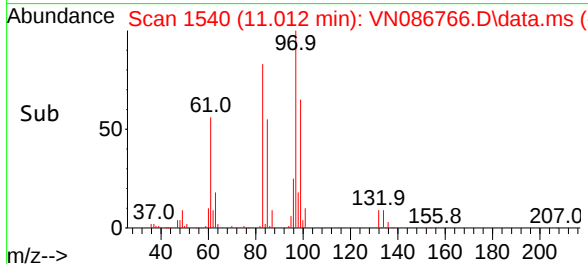
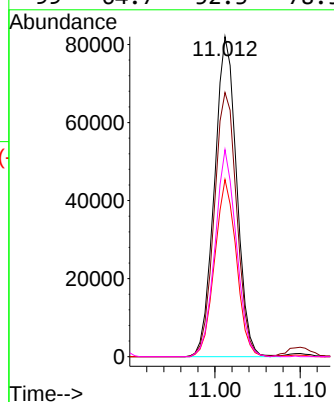
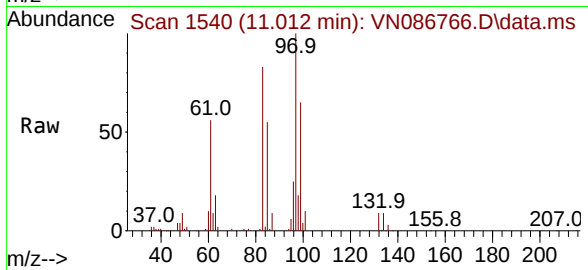




#55
 1,1,2-Trichloroethane
 Concen: 47.890 ug/l
 RT: 11.012 min Scan# 1540
 Delta R.T. -0.000 min
 Lab File: VN086766.D
 Acq: 23 May 2025 09:53

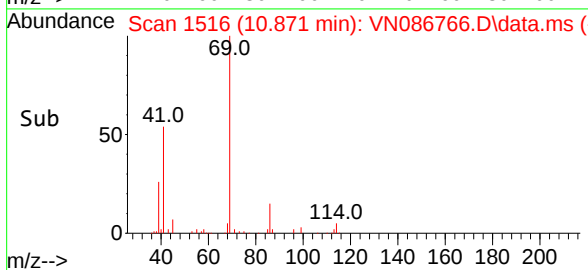
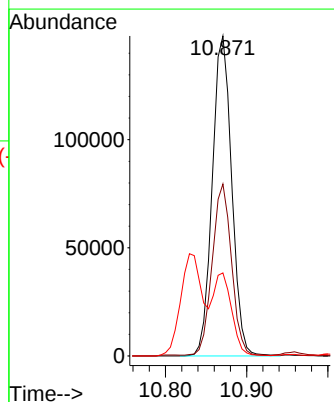
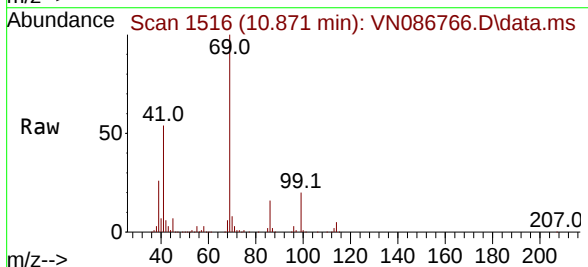
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

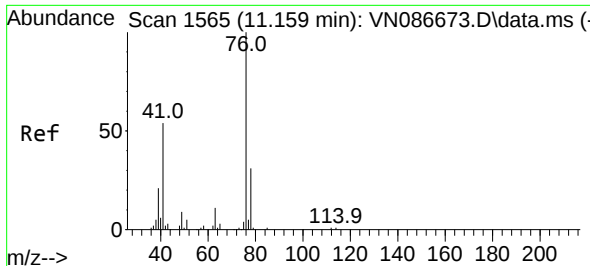
Tgt Ion:	97	Resp:	148480
Ion	Ratio	Lower	Upper
97	100		
83	82.6	70.4	105.6
85	55.3	46.1	69.1
99	64.7	52.3	78.5



#56
 Ethyl methacrylate
 Concen: 49.375 ug/l
 RT: 10.871 min Scan# 1516
 Delta R.T. -0.000 min
 Lab File: VN086766.D
 Acq: 23 May 2025 09:53

Tgt Ion:	69	Resp:	245787
Ion	Ratio	Lower	Upper
69	100		
41	53.3	47.4	71.0
39	24.2	24.0	36.0





#57

1,3-Dichloropropane

Concen: 47.090 ug/l

RT: 11.159 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086766.D

Acq: 23 May 2025 09:53

Instrument :

MSVOA_N

ClientSampleId :

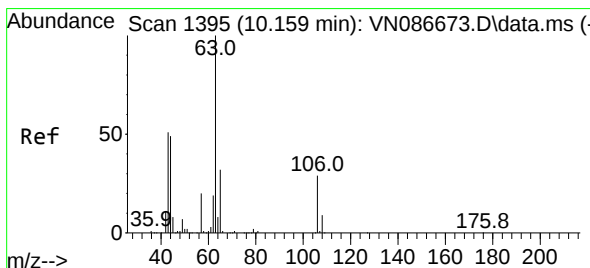
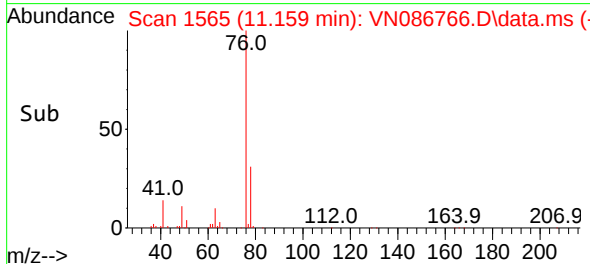
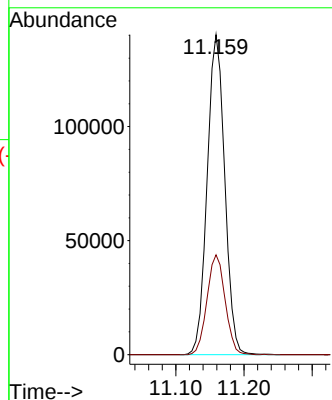
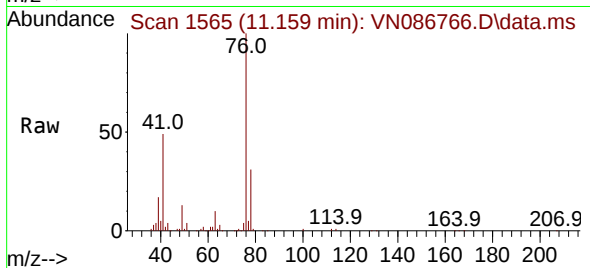
VSTDCCC050

Tgt Ion: 76 Resp: 251519

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 265.464 ug/l

RT: 10.153 min Scan# 1394

Delta R.T. -0.006 min

Lab File: VN086766.D

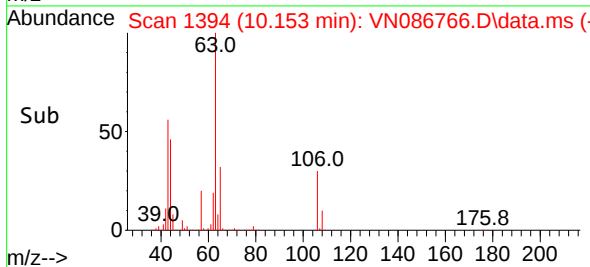
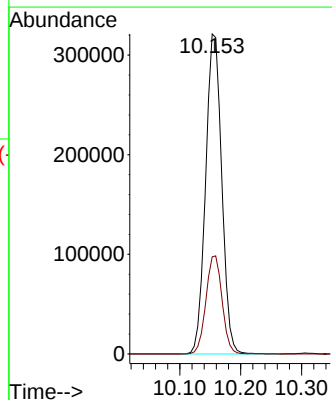
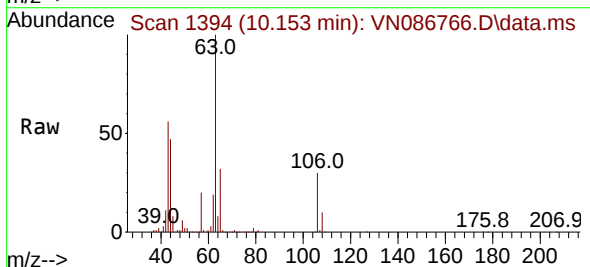
Acq: 23 May 2025 09:53

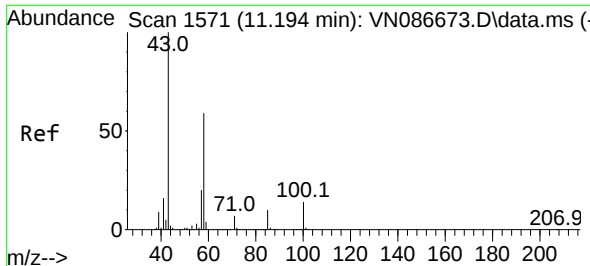
Tgt Ion: 63 Resp: 590605

Ion Ratio Lower Upper

63 100

106 30.7 23.1 34.7

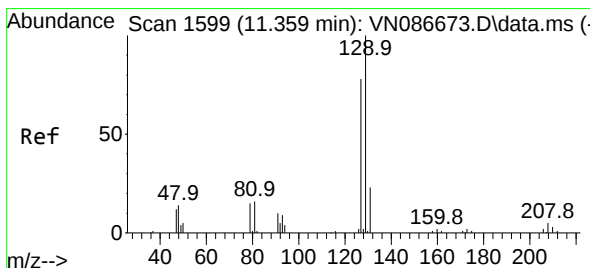
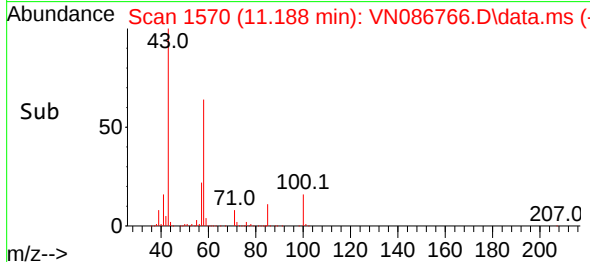
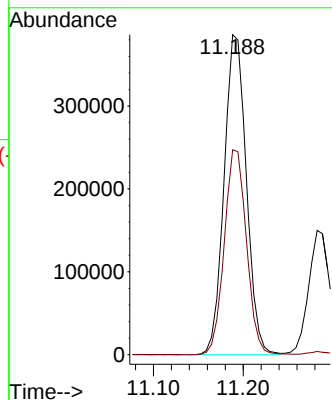
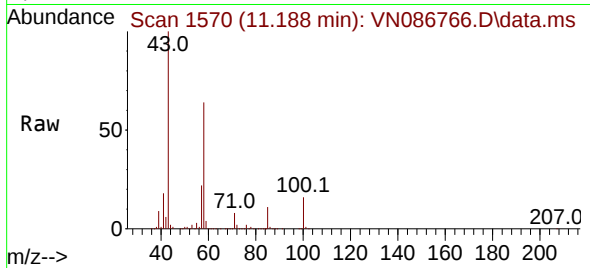




#59
2-Hexanone
Concen: 217.921 ug/l
RT: 11.188 min Scan# 1570
Delta R.T. -0.006 min
Lab File: VN086766.D
Acq: 23 May 2025 09:53

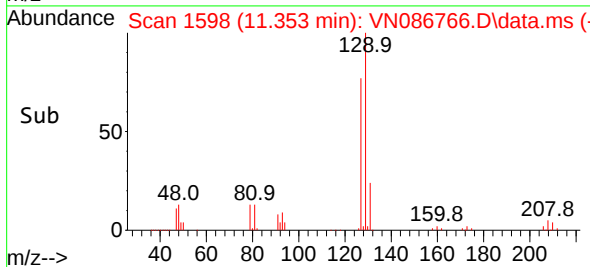
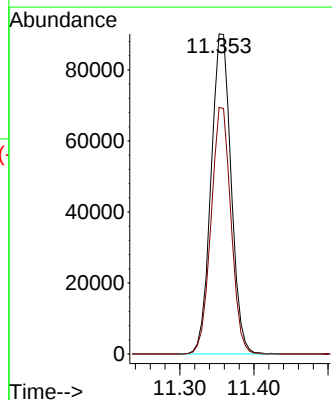
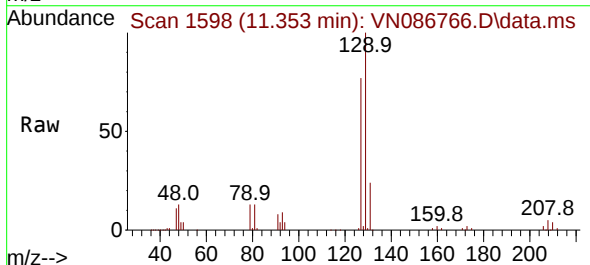
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

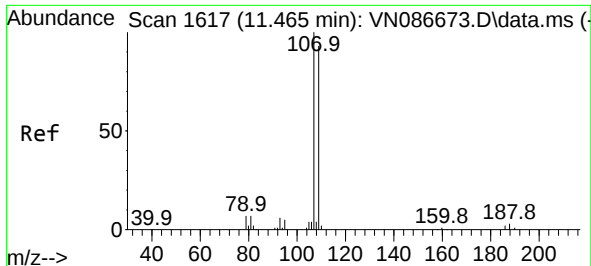
Tgt Ion: 43 Resp: 666190
Ion Ratio Lower Upper
43 100
58 63.9 29.8 89.5



#60
Dibromochloromethane
Concen: 52.136 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN086766.D
Acq: 23 May 2025 09:53

Tgt Ion: 129 Resp: 169404
Ion Ratio Lower Upper
129 100
127 76.4 39.5 118.3

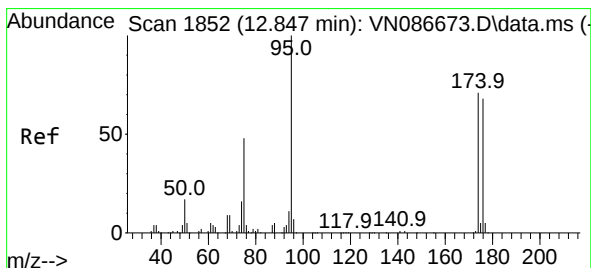
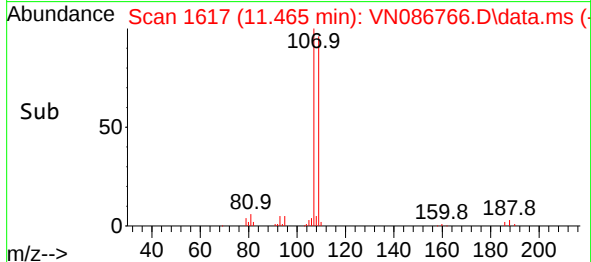
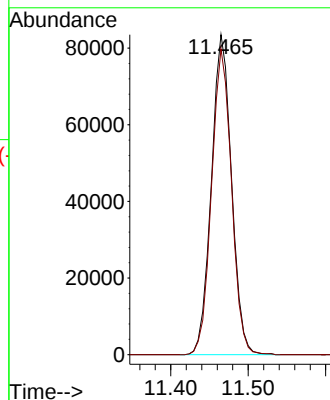
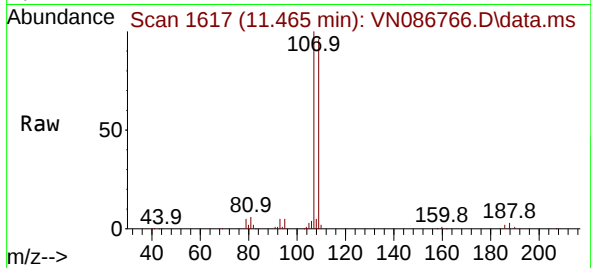




#61
1,2-Dibromoethane
Concen: 48.555 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086766.D
Acq: 23 May 2025 09:53

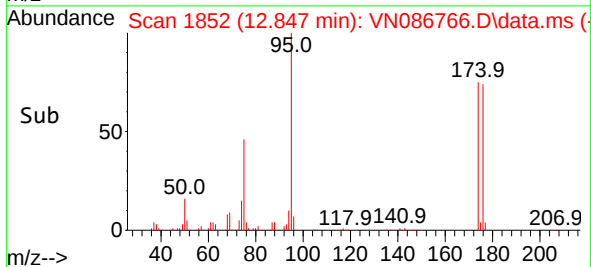
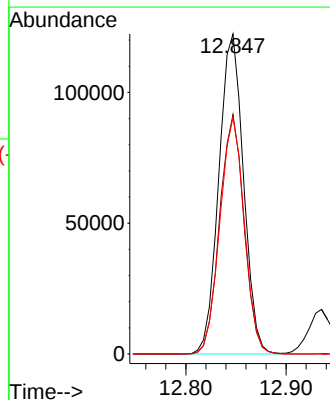
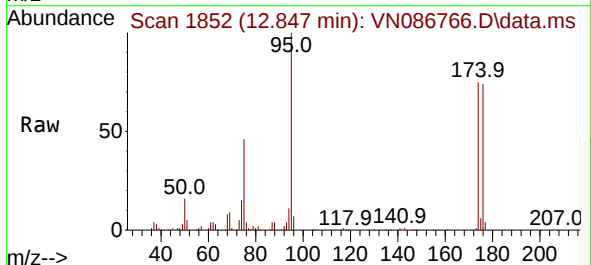
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

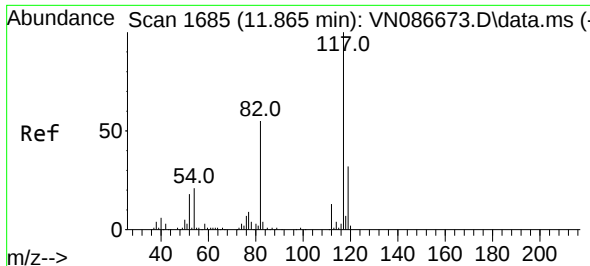
Tgt Ion:107 Resp: 151277
Ion Ratio Lower Upper
107 100
109 94.4 75.0 112.4



#62
4-Bromofluorobenzene
Concen: 51.300 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086766.D
Acq: 23 May 2025 09:53

Tgt Ion: 95 Resp: 208610
Ion Ratio Lower Upper
95 100
174 73.8 0.0 145.4
176 73.2 0.0 137.8

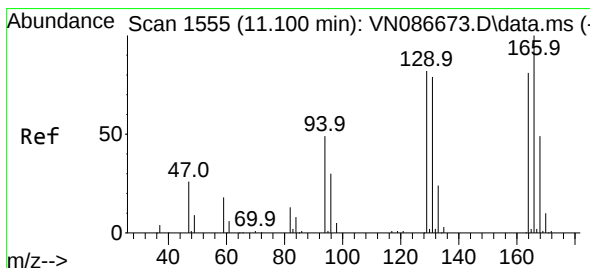
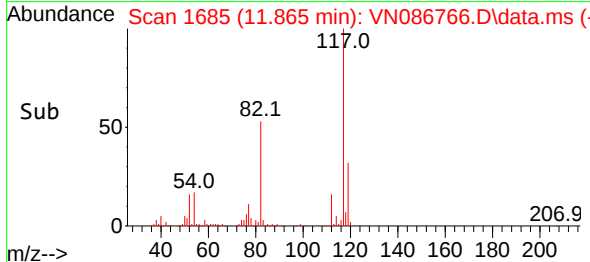
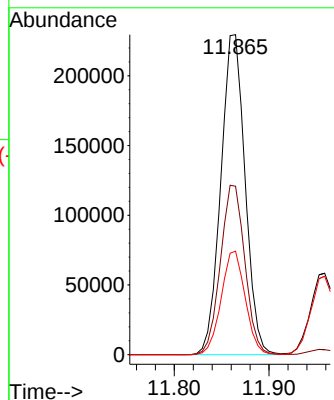
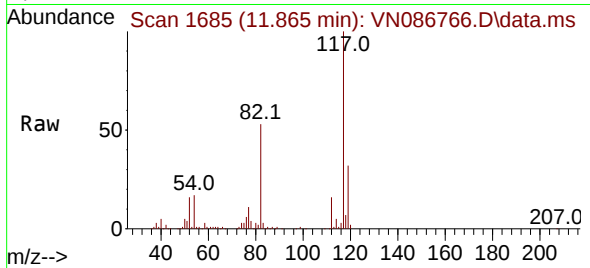




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN086766.D
Acq: 23 May 2025 09:53

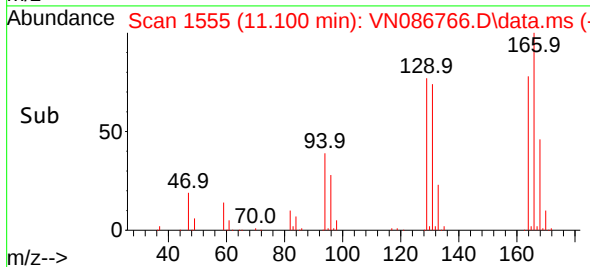
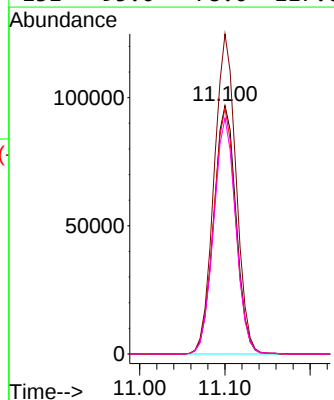
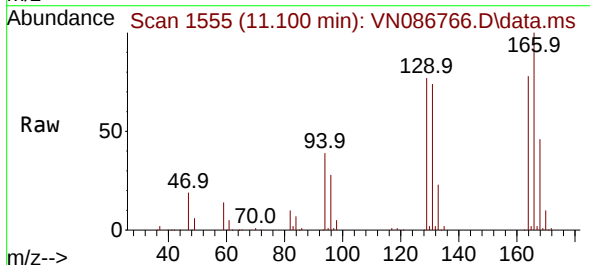
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

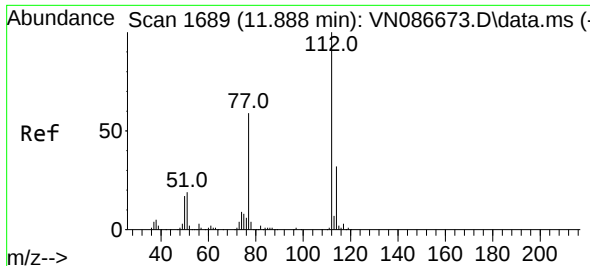
Tgt Ion:117 Resp: 409394
Ion Ratio Lower Upper
117 100
82 52.7 44.2 66.2
119 32.4 25.4 38.2



#64
Tetrachloroethene
Concen: 56.280 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086766.D
Acq: 23 May 2025 09:53

Tgt Ion:164 Resp: 176503
Ion Ratio Lower Upper
164 100
166 128.9 98.2 147.4
129 99.1 81.0 121.4
131 95.0 78.0 117.0

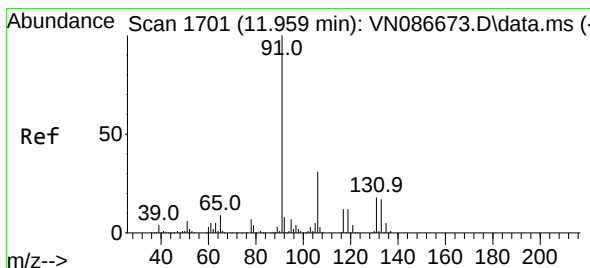
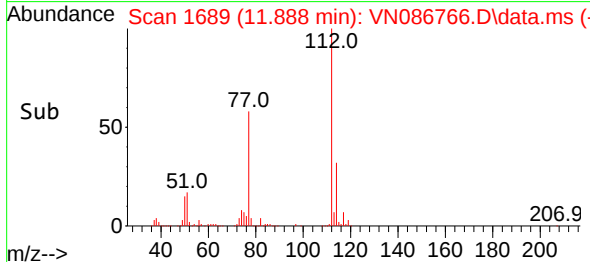
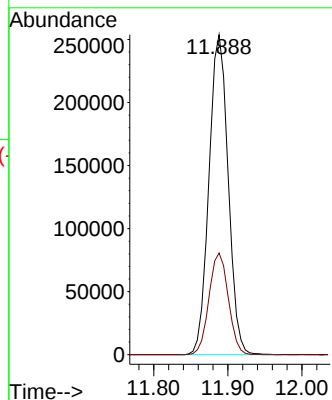
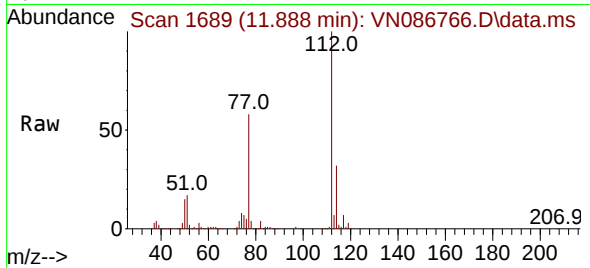




#65
Chlorobenzene
Concen: 50.805 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN086766.D
Acq: 23 May 2025 09:53

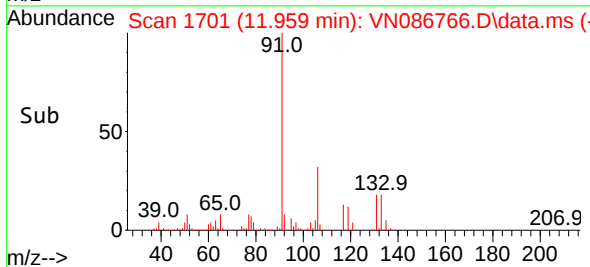
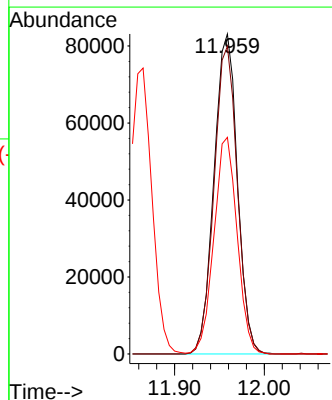
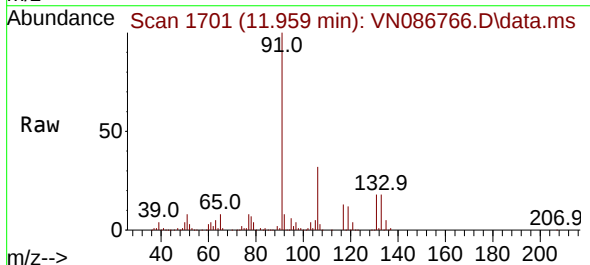
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

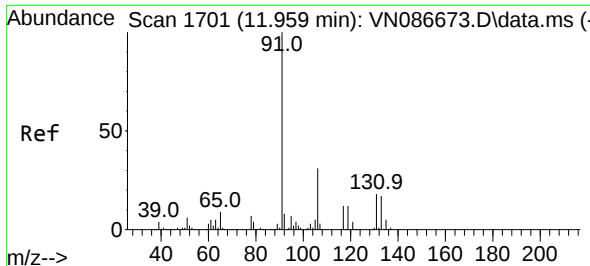
Tgt Ion:112 Resp: 456090
Ion Ratio Lower Upper
112 100
114 31.8 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 51.867 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086766.D
Acq: 23 May 2025 09:53

Tgt Ion:131 Resp: 150316
Ion Ratio Lower Upper
131 100
133 95.9 47.9 143.7
119 67.3 33.6 100.8

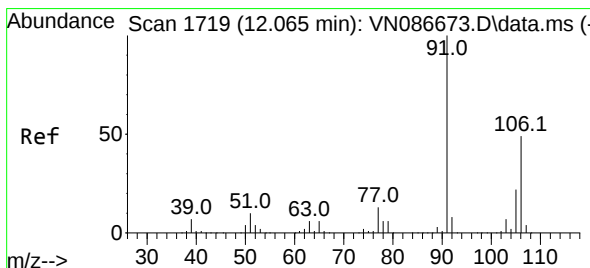
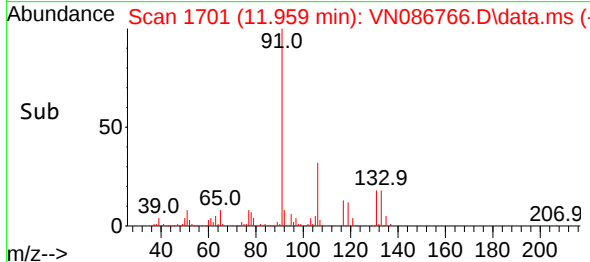
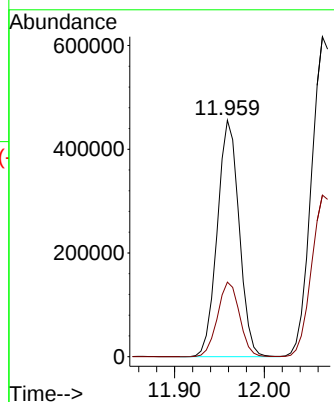
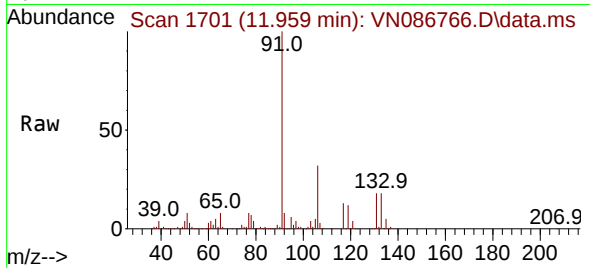




#67
Ethyl Benzene
Concen: 50.020 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086766.D
Acq: 23 May 2025 09:53

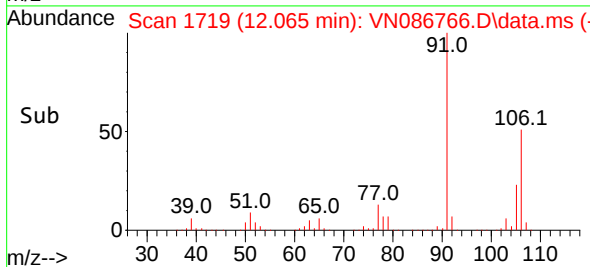
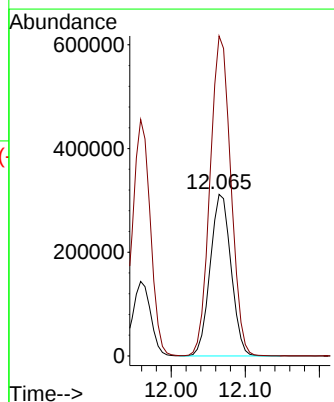
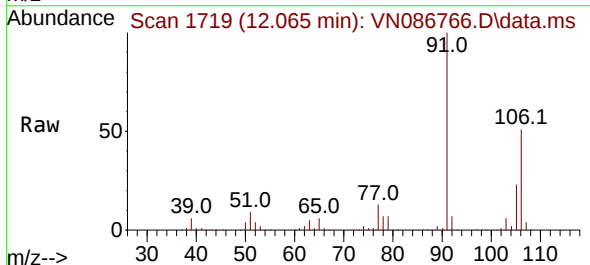
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

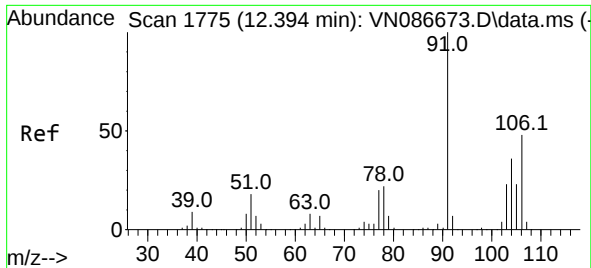
Tgt Ion: 91 Resp: 769134
Ion Ratio Lower Upper
91 100
106 31.5 24.6 36.8



#68
m/p-Xylenes
Concen: 104.543 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086766.D
Acq: 23 May 2025 09:53

Tgt Ion:106 Resp: 608866
Ion Ratio Lower Upper
106 100
91 197.8 162.4 243.6

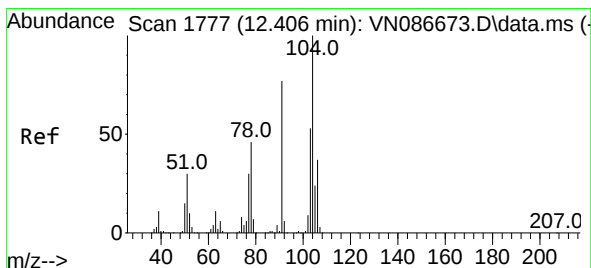
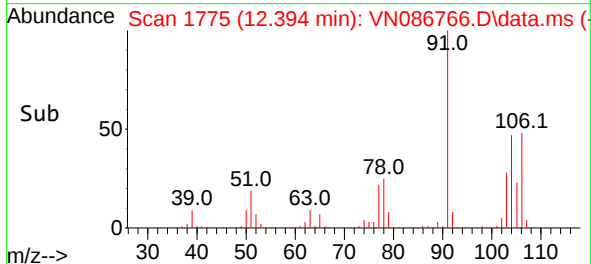
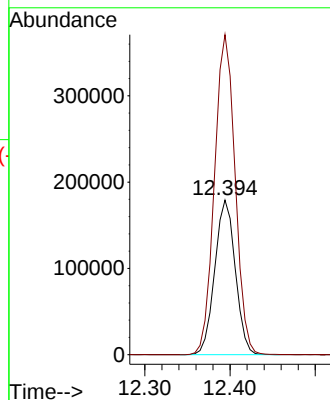
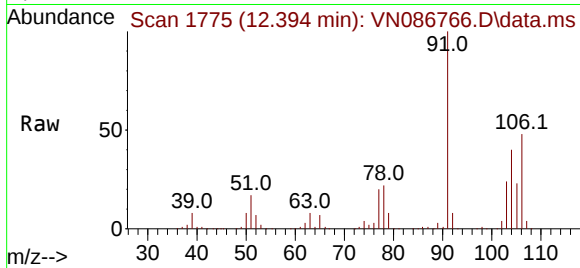




#69
o-Xylene
Concen: 51.775 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086766.D
Acq: 23 May 2025 09:53

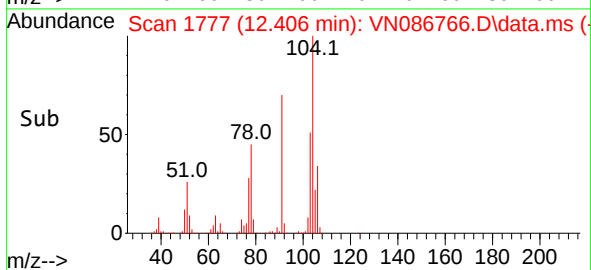
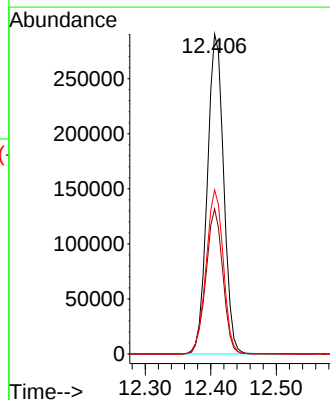
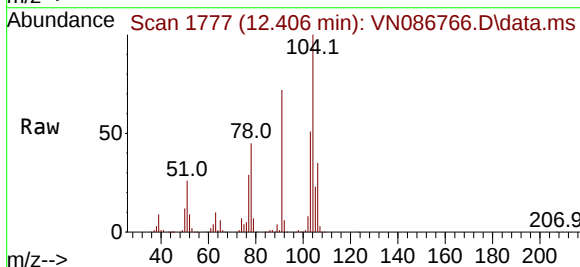
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

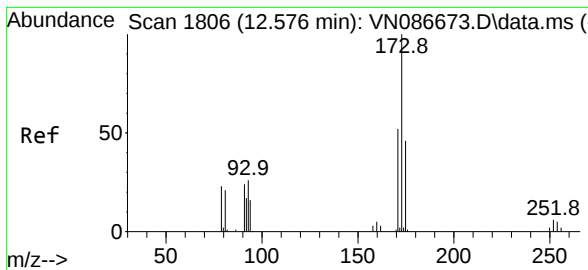
Tgt Ion:106 Resp: 299785
Ion Ratio Lower Upper
106 100
91 208.8 105.1 315.1



#70
Styrene
Concen: 53.113 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086766.D
Acq: 23 May 2025 09:53

Tgt Ion:104 Resp: 503499
Ion Ratio Lower Upper
104 100
78 47.0 39.0 58.6
103 54.1 43.8 65.8

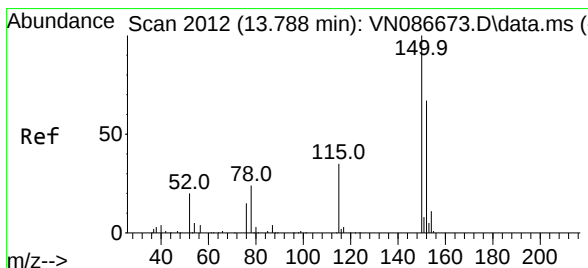
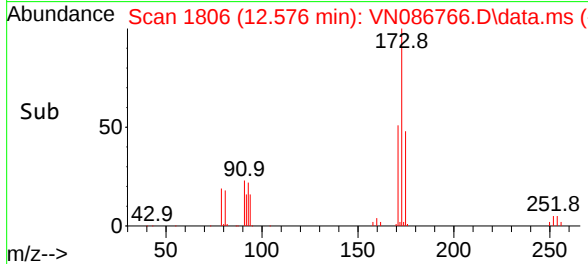
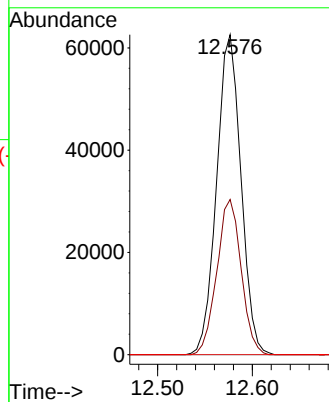
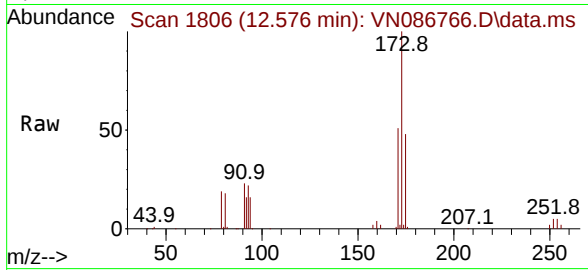




#71
Bromoform
Concen: 54.202 ug/l
RT: 12.576 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086766.D
Acq: 23 May 2025 09:53

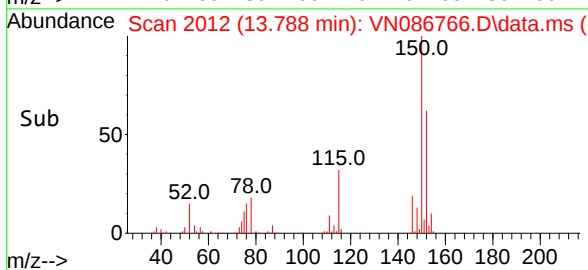
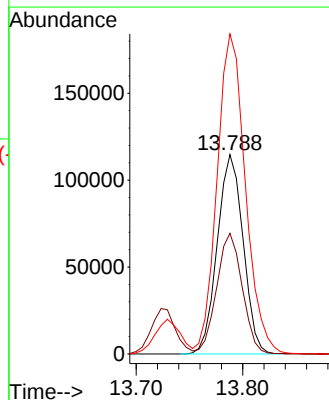
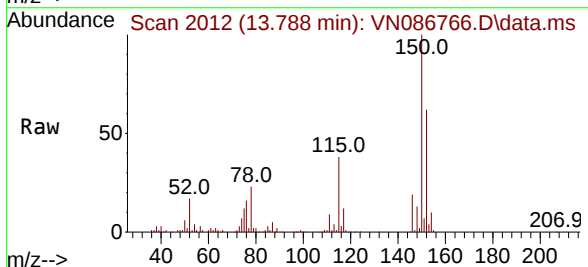
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

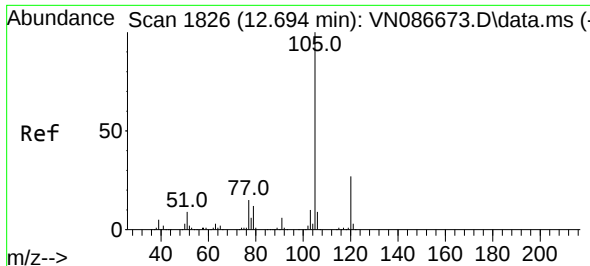
Tgt Ion:173 Resp: 111714
Ion Ratio Lower Upper
173 100
175 48.5 23.4 70.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086766.D
Acq: 23 May 2025 09:53

Tgt Ion:152 Resp: 193032
Ion Ratio Lower Upper
152 100
115 60.0 30.0 90.1
150 176.0 0.0 347.8

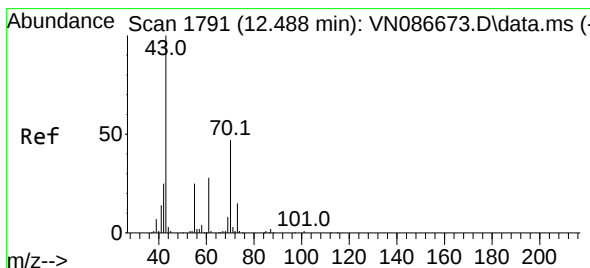
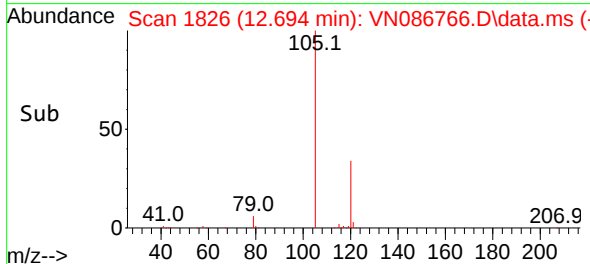
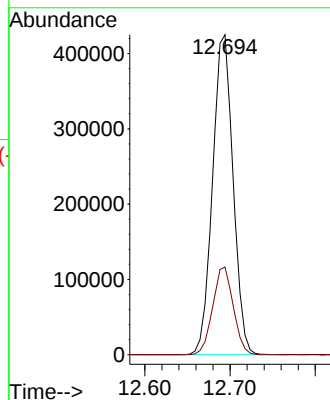
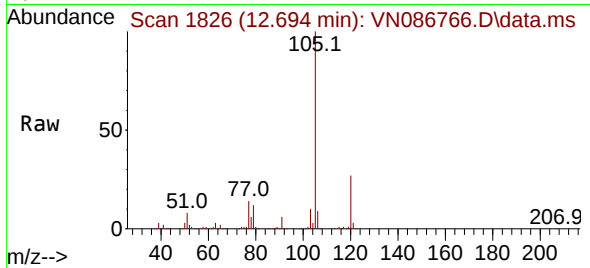




#73
Isopropylbenzene
Concen: 47.730 ug/l
RT: 12.694 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086766.D
Acq: 23 May 2025 09:53

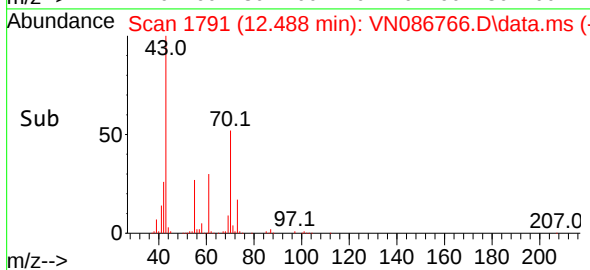
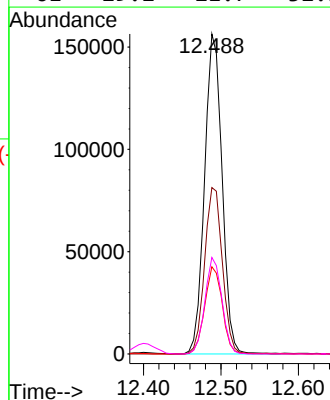
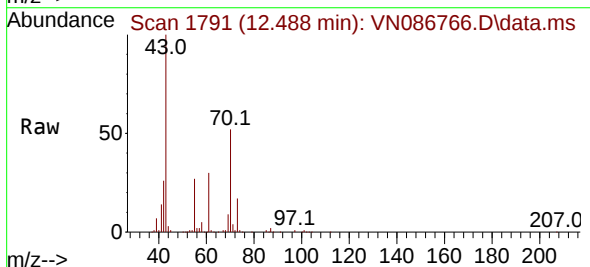
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

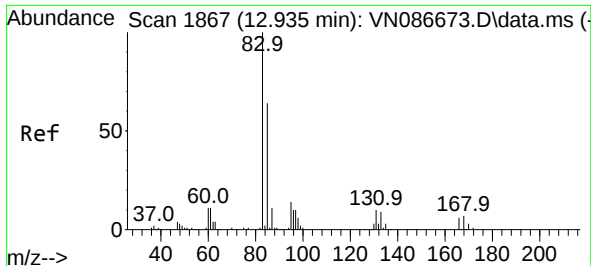
Tgt Ion:105 Resp: 711592
Ion Ratio Lower Upper
105 100
120 27.4 13.4 40.1



#74
N-ethyl acetate
Concen: 39.451 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VN086766.D
Acq: 23 May 2025 09:53

Tgt Ion: 43 Resp: 245737
Ion Ratio Lower Upper
43 100
70 52.7 37.9 56.9
55 27.3 20.5 30.7
61 29.2 21.7 32.5

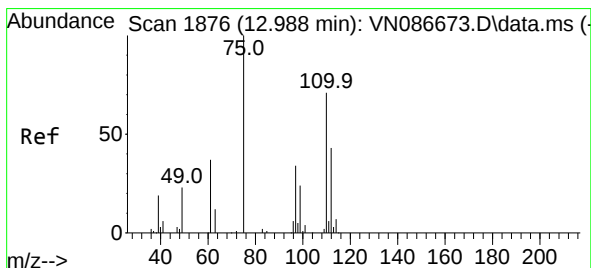
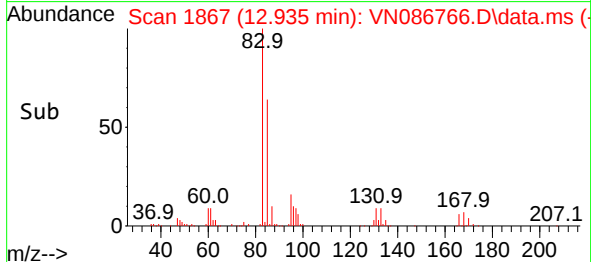
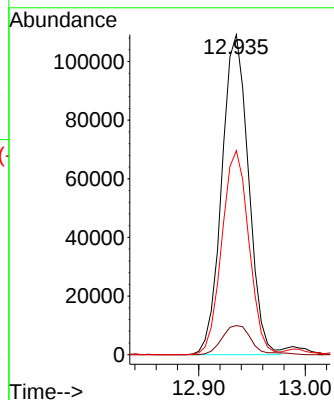
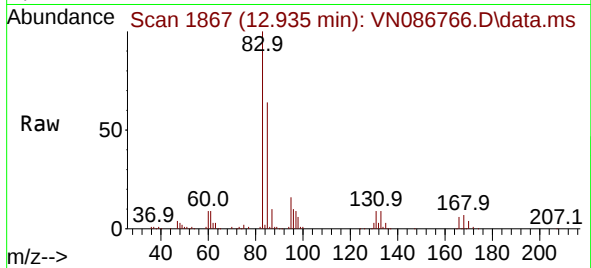




#75
1,1,2,2-Tetrachloroethane
Concen: 41.451 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086766.D
Acq: 23 May 2025 09:53

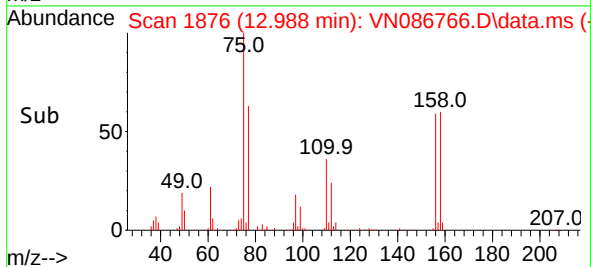
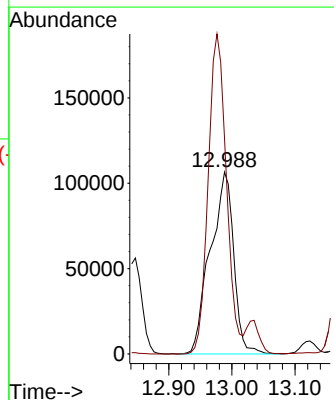
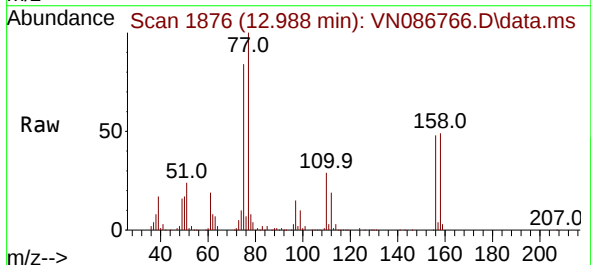
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

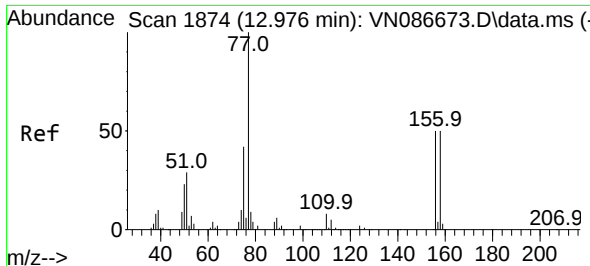
Tgt Ion: 83 Resp: 189857
Ion Ratio Lower Upper
83 100
131 10.0 5.0 15.0
85 64.5 32.4 97.2



#76
1,2,3-Trichloropropane
Concen: 62.791 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN086766.D
Acq: 23 May 2025 09:53

Tgt Ion: 75 Resp: 274119
Ion Ratio Lower Upper
75 100
77 137.7 96.0 288.1

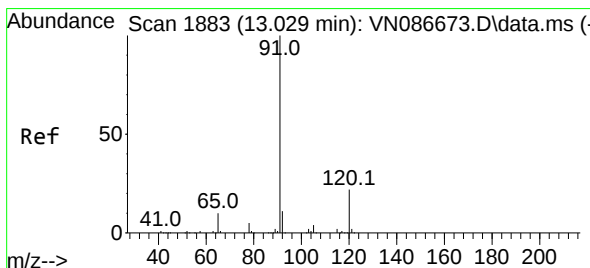
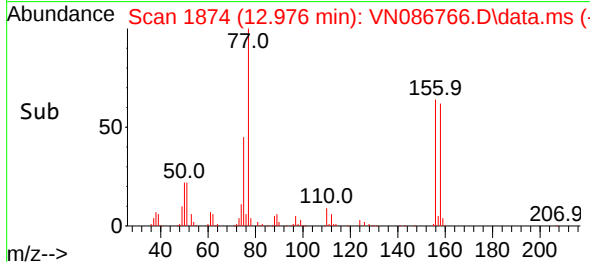
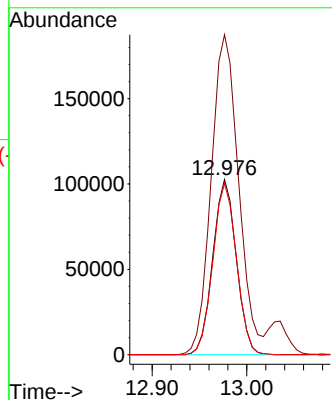
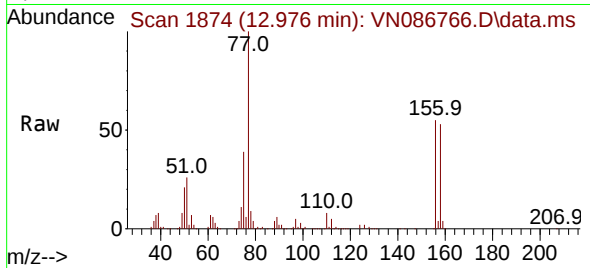




#77
Bromobenzene
Concen: 47.141 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086766.D
Acq: 23 May 2025 09:53

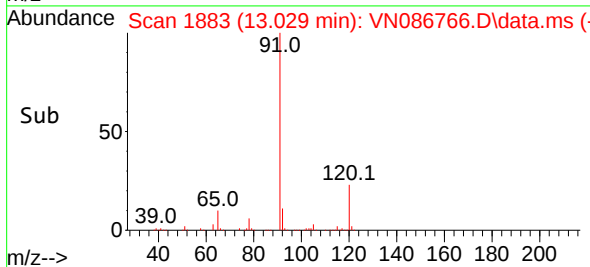
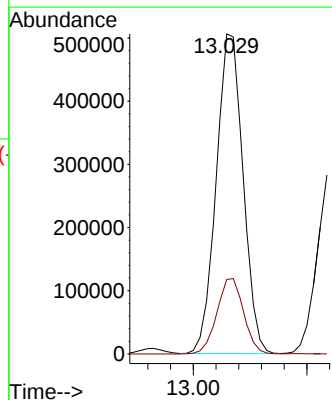
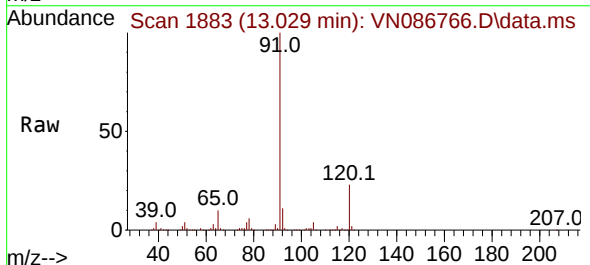
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

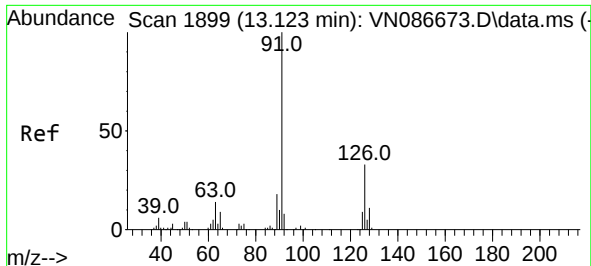
Tgt Ion:156 Resp: 176790
Ion Ratio Lower Upper
156 100
77 213.5 113.1 339.2
158 98.1 48.6 145.9



#78
n-propylbenzene
Concen: 48.574 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN086766.D
Acq: 23 May 2025 09:53

Tgt Ion: 91 Resp: 831067
Ion Ratio Lower Upper
91 100
120 23.4 11.4 34.1

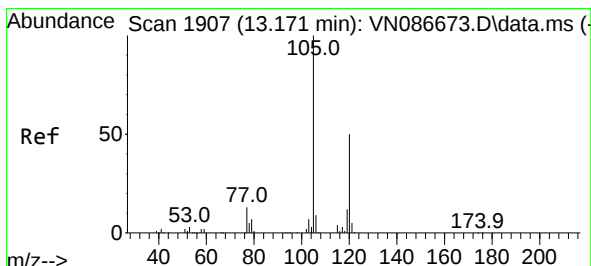
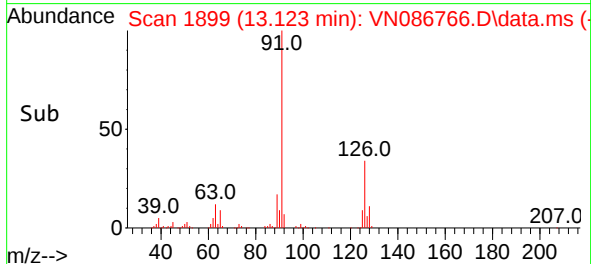
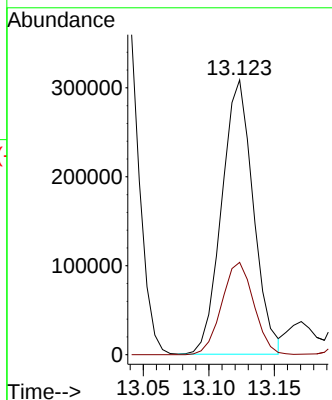
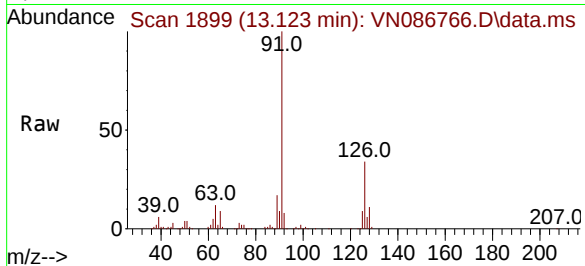




#79
2-Chlorotoluene
Concen: 46.613 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086766.D
Acq: 23 May 2025 09:53

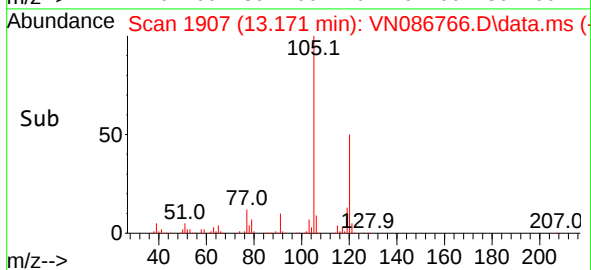
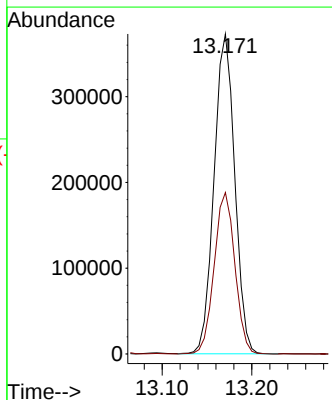
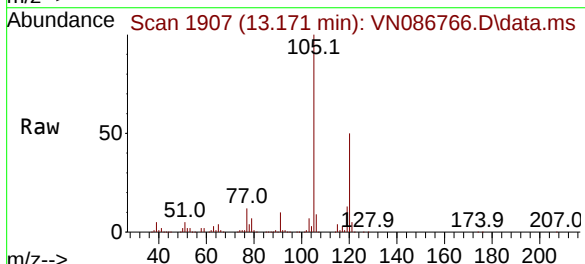
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

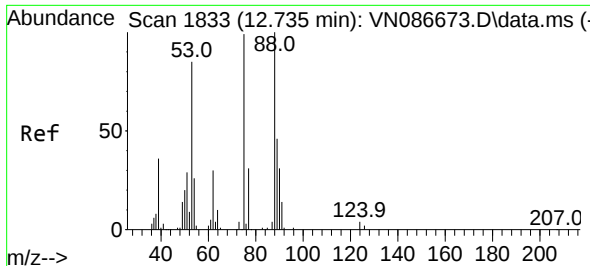
Tgt Ion: 91 Resp: 518545
Ion Ratio Lower Upper
91 100
126 34.1 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 49.949 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086766.D
Acq: 23 May 2025 09:53

Tgt Ion: 105 Resp: 596618
Ion Ratio Lower Upper
105 100
120 50.5 24.9 74.6

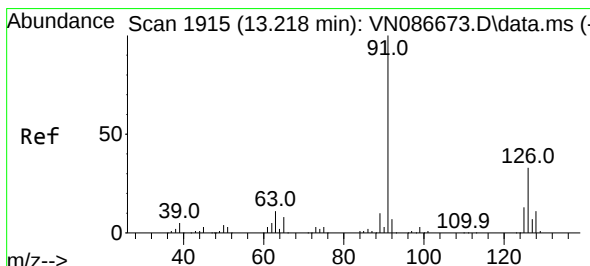
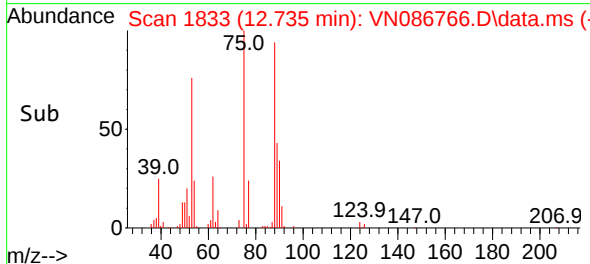
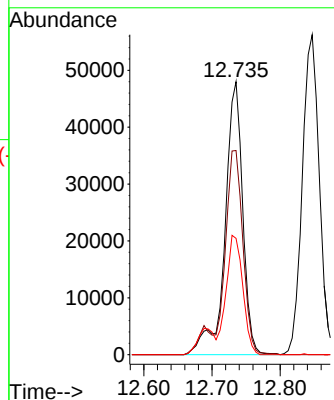
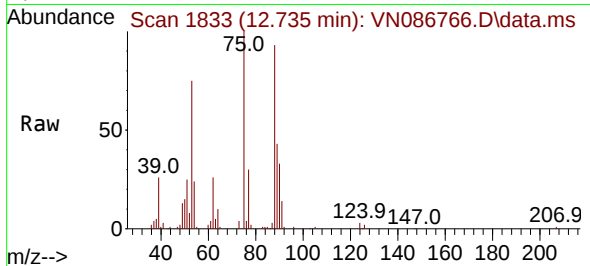




#81
trans-1,4-Dichloro-2-butene
Concen: 50.252 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086766.D
Acq: 23 May 2025 09:53

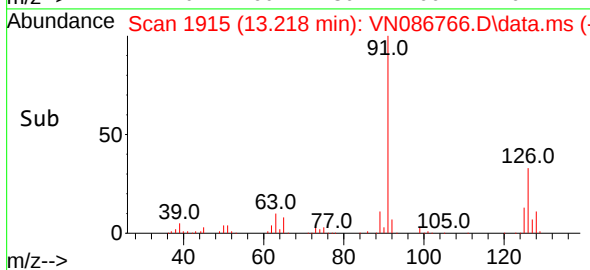
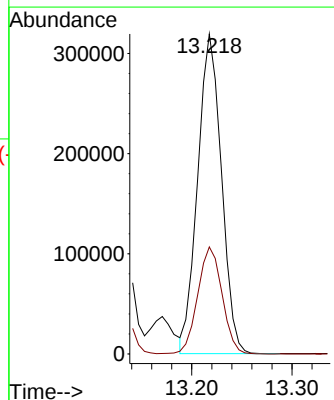
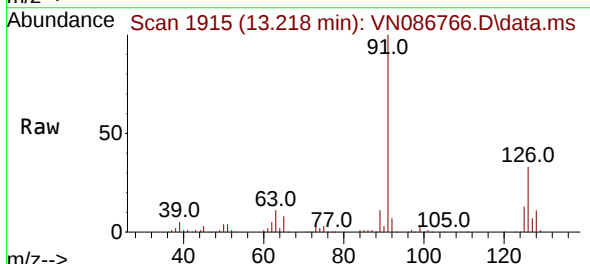
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

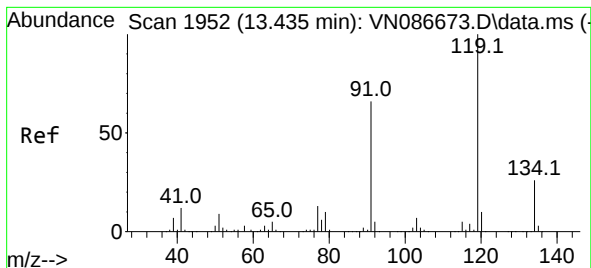
Tgt Ion: 75 Resp: 86929
Ion Ratio Lower Upper
75 100
53 73.2 70.4 105.6
89 41.0 32.4 48.6



#82
4-Chlorotoluene
Concen: 47.766 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086766.D
Acq: 23 May 2025 09:53

Tgt Ion: 91 Resp: 526444
Ion Ratio Lower Upper
91 100
126 34.3 17.0 50.9





#83

tert-Butylbenzene

Concen: 49.328 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VN086766.D

Acq: 23 May 2025 09:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

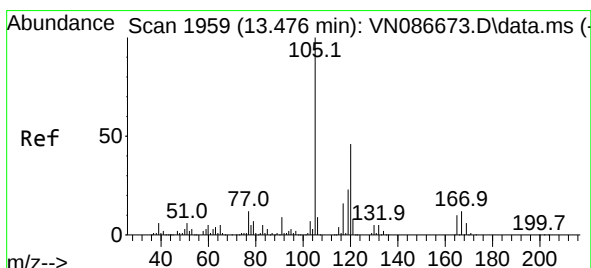
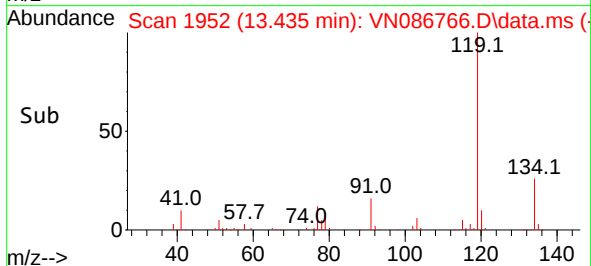
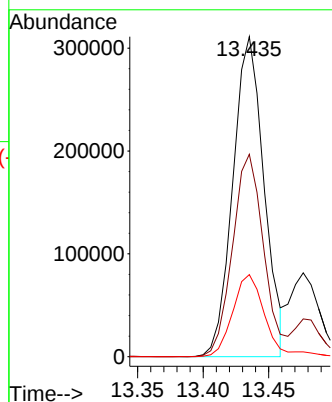
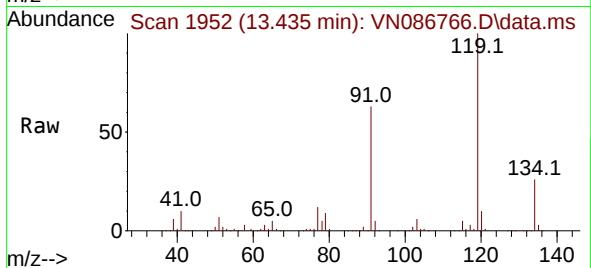
Tgt Ion:119 Resp: 513827

Ion Ratio Lower Upper

119 100

91 63.9 32.9 98.7

134 26.6 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 50.935 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. -0.000 min

Lab File: VN086766.D

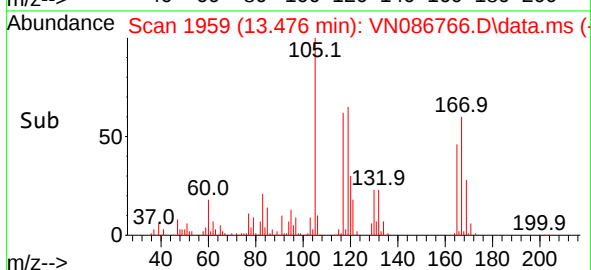
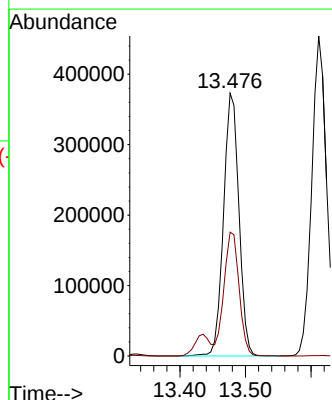
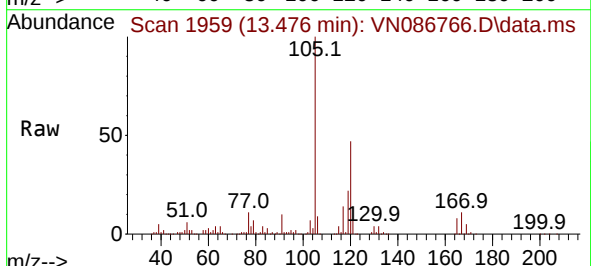
Acq: 23 May 2025 09:53

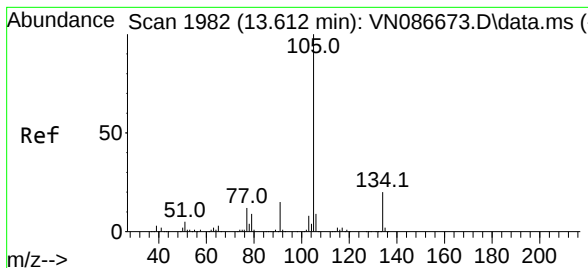
Tgt Ion:105 Resp: 605855

Ion Ratio Lower Upper

105 100

120 46.2 23.2 69.6





#85

sec-Butylbenzene

Concen: 50.994 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. -0.000 min

Lab File: VN086766.D

Acq: 23 May 2025 09:53

Instrument :

MSVOA_N

ClientSampleId :

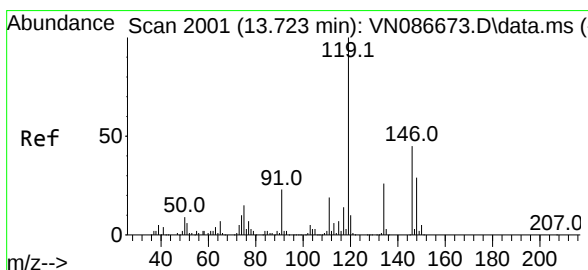
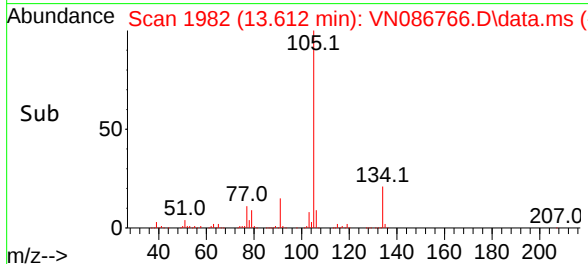
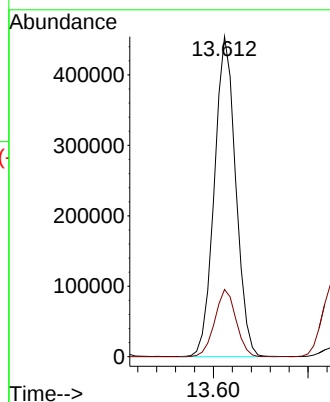
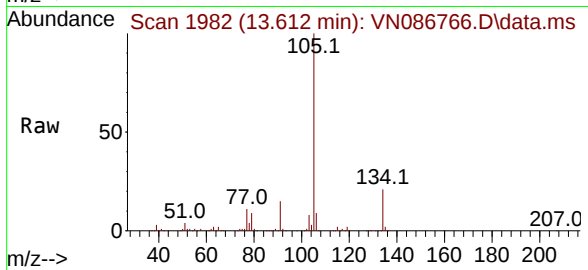
VSTDCCC050

Tgt Ion:105 Resp: 712248

Ion Ratio Lower Upper

105 100

134 20.9 10.1 30.1



#86

p-Isopropyltoluene

Concen: 53.698 ug/l

RT: 13.723 min Scan# 2001

Delta R.T. -0.000 min

Lab File: VN086766.D

Acq: 23 May 2025 09:53

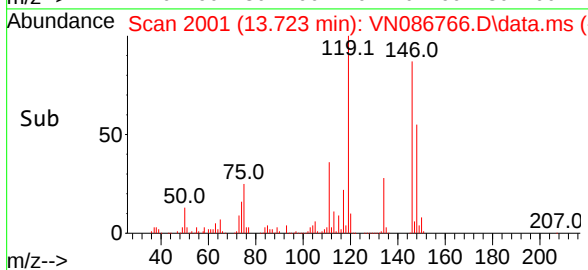
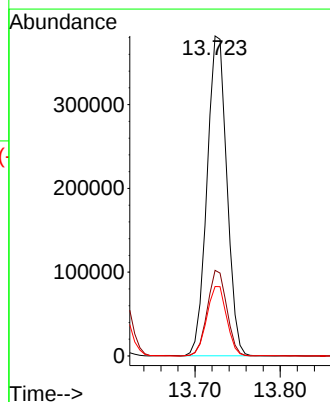
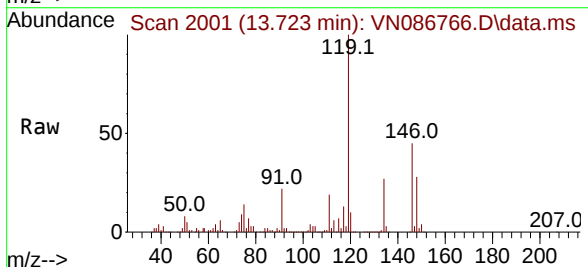
Tgt Ion:119 Resp: 614769

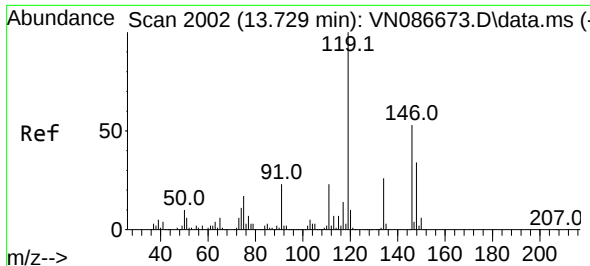
Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.1

91 21.9 11.5 34.5

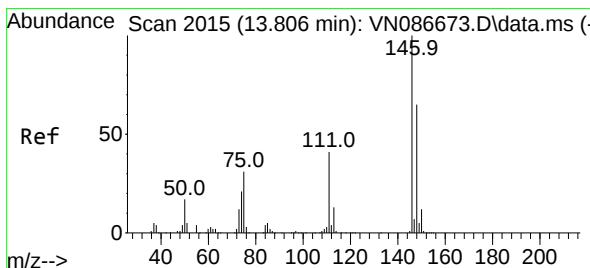
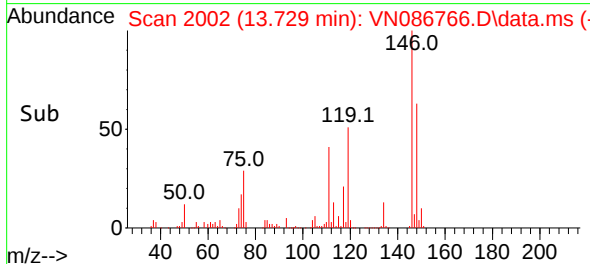
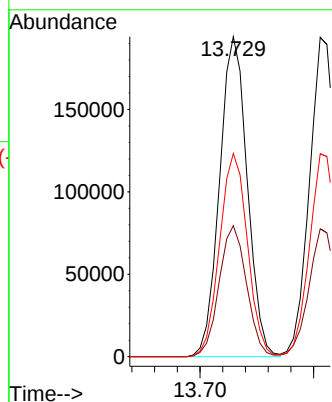
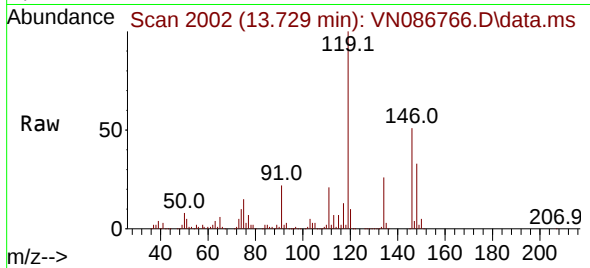




#87
1,3-Dichlorobenzene
Concen: 50.610 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086766.D
Acq: 23 May 2025 09:53

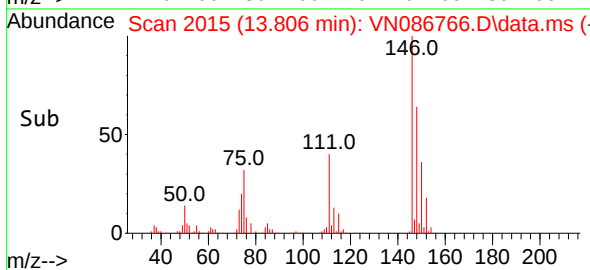
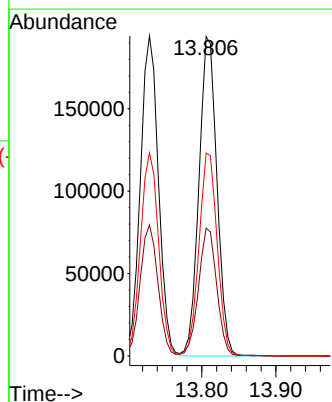
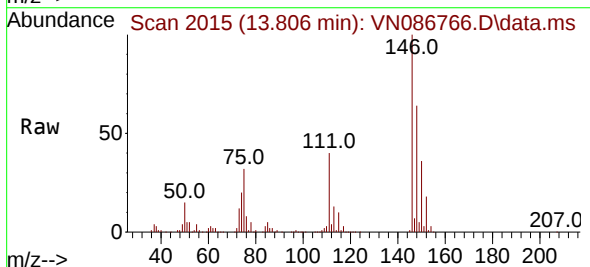
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

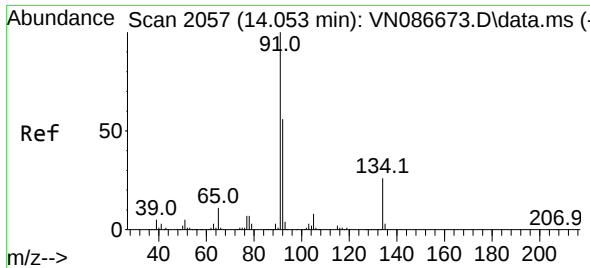
Tgt Ion:146 Resp: 328669
Ion Ratio Lower Upper
146 100
111 40.6 20.9 62.7
148 63.9 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 50.823 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.000 min
Lab File: VN086766.D
Acq: 23 May 2025 09:53

Tgt Ion:146 Resp: 327009
Ion Ratio Lower Upper
146 100
111 40.2 20.6 61.8
148 64.3 32.0 96.0

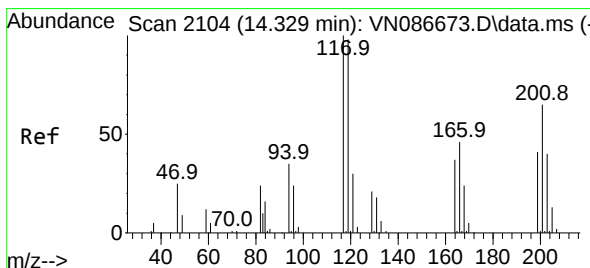
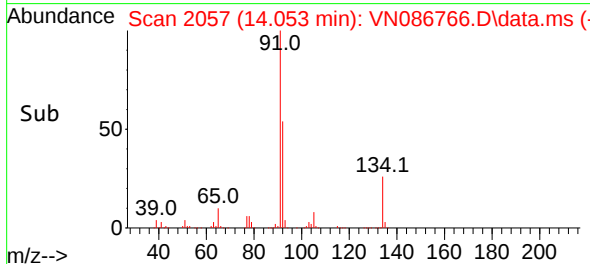
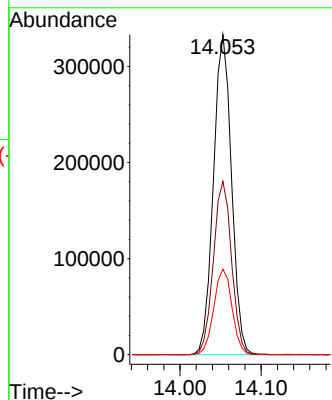
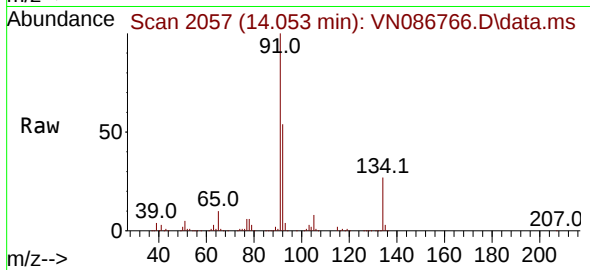




#89
n-Butylbenzene
Concen: 54.299 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086766.D
Acq: 23 May 2025 09:53

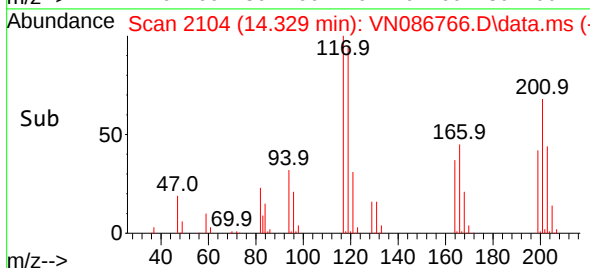
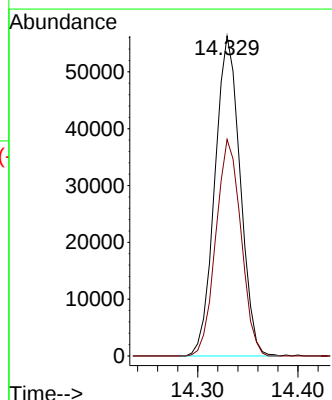
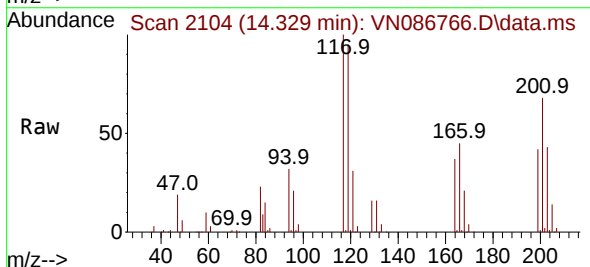
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

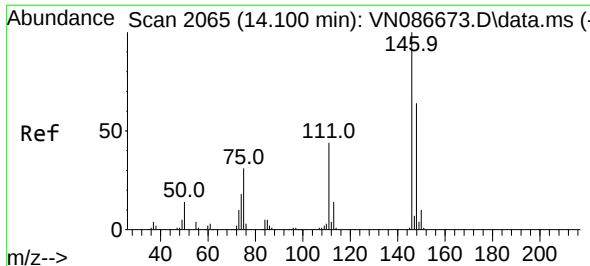
Tgt Ion: 91 Resp: 515358
Ion Ratio Lower Upper
91 100
92 54.6 27.4 82.0
134 27.0 12.8 38.4



#90
Hexachloroethane
Concen: 51.929 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086766.D
Acq: 23 May 2025 09:53

Tgt Ion: 117 Resp: 98643
Ion Ratio Lower Upper
117 100
201 67.2 32.0 96.0

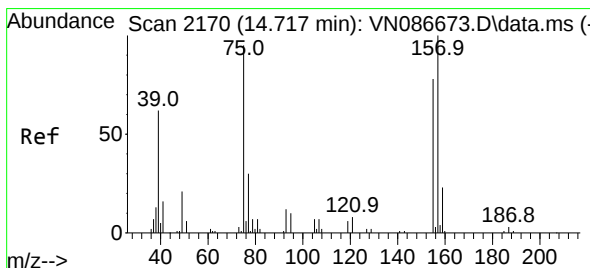
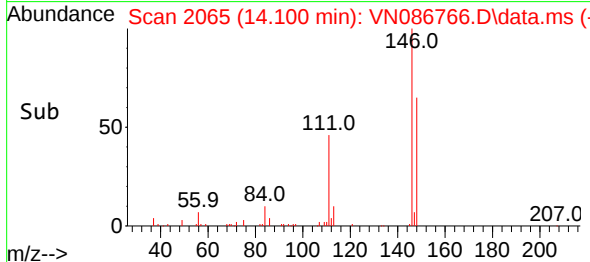
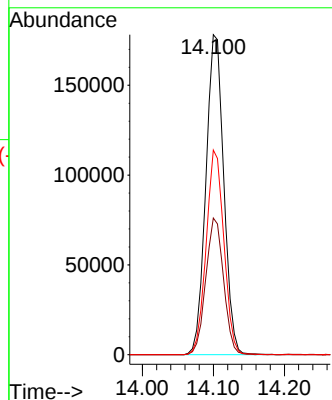
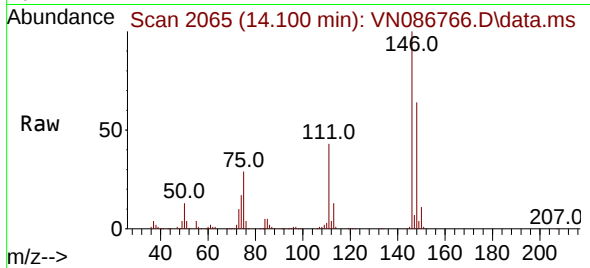




#91
1,2-Dichlorobenzene
Concen: 50.490 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VN086766.D
Acq: 23 May 2025 09:53

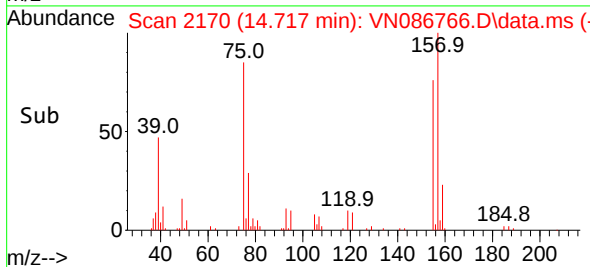
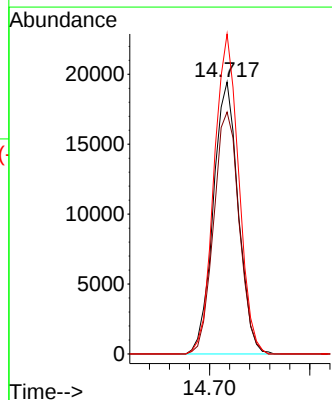
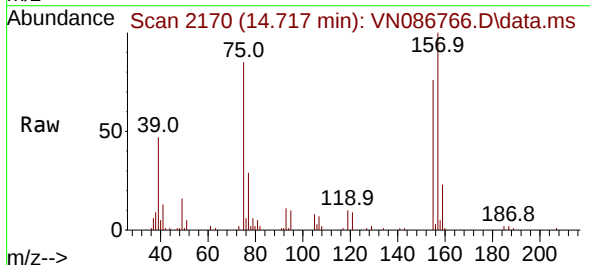
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

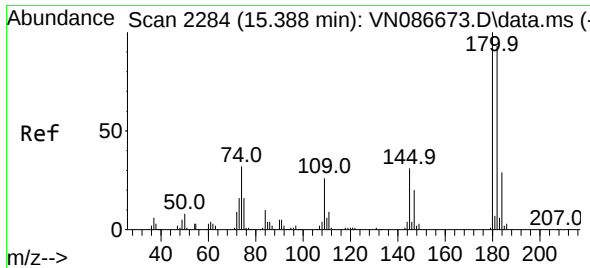
Tgt Ion:146 Resp: 311871
Ion Ratio Lower Upper
146 100
111 42.5 21.6 65.0
148 63.3 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.437 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086766.D
Acq: 23 May 2025 09:53

Tgt Ion: 75 Resp: 33717
Ion Ratio Lower Upper
75 100
155 90.6 40.5 121.5
157 115.5 53.6 160.8

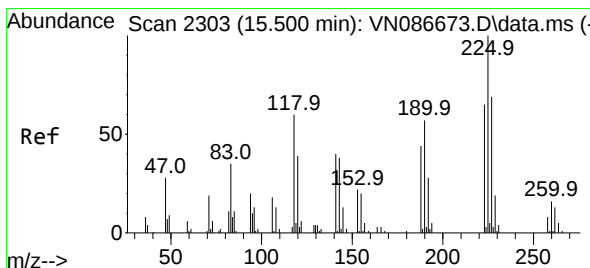
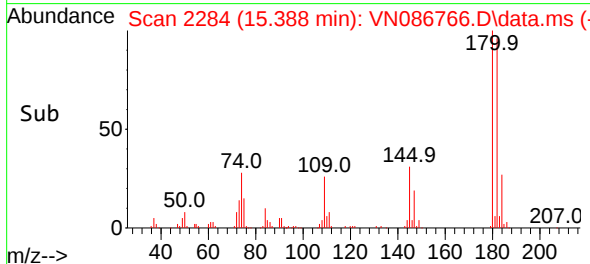
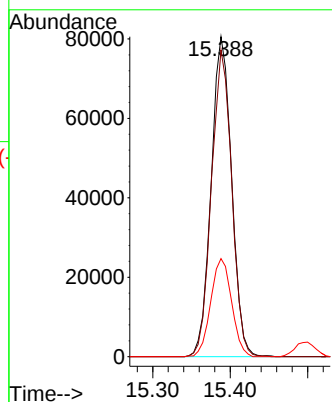
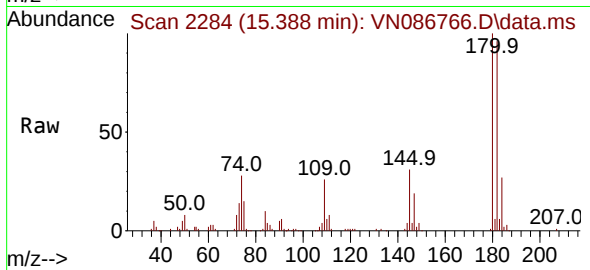




#93
1,2,4-Trichlorobenzene
Concen: 56.550 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086766.D
Acq: 23 May 2025 09:53

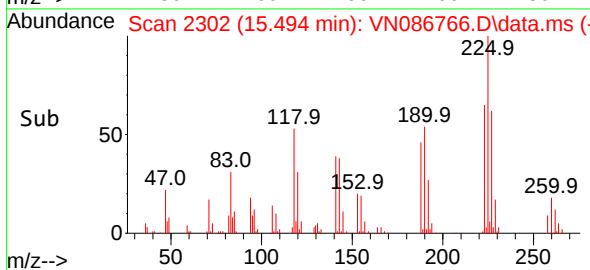
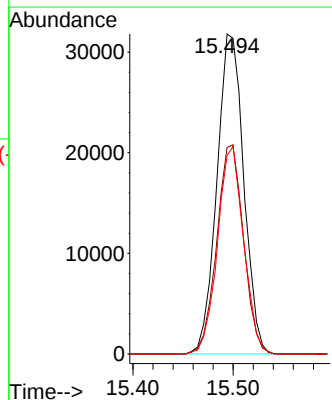
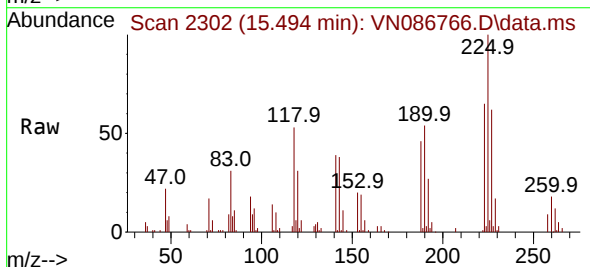
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

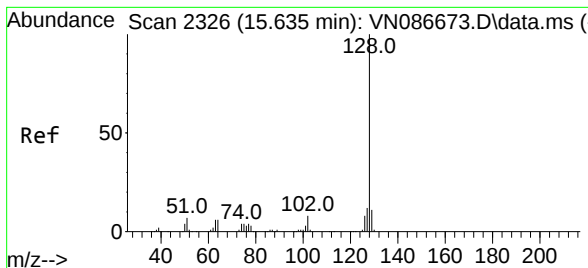
Tgt Ion:180 Resp: 147442
Ion Ratio Lower Upper
180 100
182 95.0 47.1 141.3
145 31.4 15.6 46.8



#94
Hexachlorobutadiene
Concen: 54.604 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN086766.D
Acq: 23 May 2025 09:53

Tgt Ion:225 Resp: 59068
Ion Ratio Lower Upper
225 100
223 65.0 32.9 98.6
227 62.9 32.4 97.2





#95

Naphthalene

Concen: 51.886 ug/l

RT: 15.635 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN086766.D

Acq: 23 May 2025 09:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

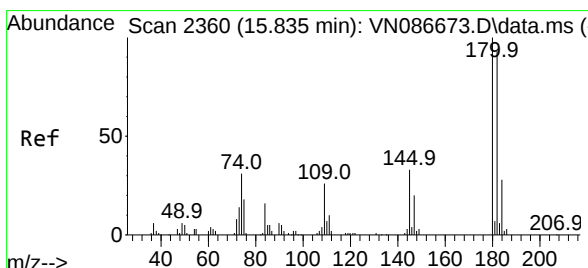
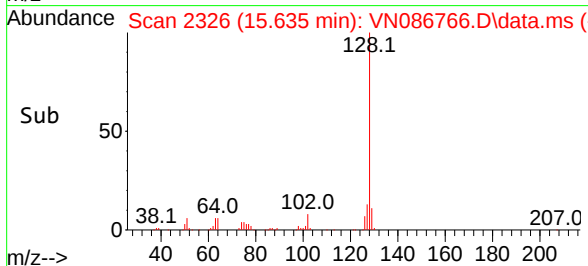
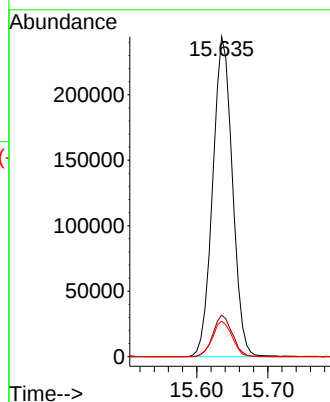
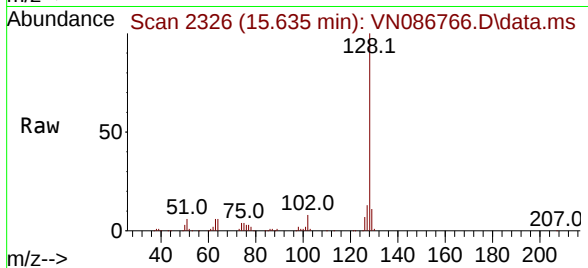
Tgt Ion:128 Resp: 469719

Ion Ratio Lower Upper

128 100

127 12.8 10.1 15.1

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 53.508 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN086766.D

Acq: 23 May 2025 09:53

Tgt Ion:180 Resp: 136623

Ion Ratio Lower Upper

180 100

182 94.9 47.0 141.2

145 33.2 16.7 50.1

