

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061225\
 Data File : VN086994.D
 Acq On : 12 Jun 2025 21:33
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 13 01:37:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	243011	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	428192	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	368539	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	182819	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	136275	41.884	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	83.760%		
35) Dibromofluoromethane	8.177	113	124828	49.192	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.380%		
50) Toluene-d8	10.571	98	471635	46.950	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.900%		
62) 4-Bromofluorobenzene	12.847	95	178006	47.694	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	95.380%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.154	85	104934	43.308	ug/l	100
3) Chloromethane	2.395	50	102697	32.823	ug/l	100
4) Vinyl Chloride	2.554	62	138206	42.821	ug/l	98
5) Bromomethane	2.989	94	51426	28.472	ug/l	99
6) Chloroethane	3.148	64	94179	45.174	ug/l	98
7) Trichlorofluoromethane	3.524	101	203934	48.361	ug/l	98
8) Diethyl Ether	3.983	74	91751	49.938	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.401	101	127778	48.230	ug/l	97
10) Methyl Iodide	4.612	142	75338	21.936	ug/l	97
11) Tert butyl alcohol	5.542	59	210108	237.990	ug/l	99
12) 1,1-Dichloroethene	4.365	96	131742	48.707	ug/l	89
13) Acrolein	4.201	56	37824	135.351	ug/l	98
14) Allyl chloride	5.048	41	174921	38.995	ug/l	95
15) Acrylonitrile	5.736	53	473531	229.477	ug/l	100
16) Acetone	4.448	43	357588	207.245	ug/l	94
17) Carbon Disulfide	4.736	76	311964	41.697	ug/l	98
18) Methyl Acetate	5.048	43	226860	45.118	ug/l	92
19) Methyl tert-butyl Ether	5.818	73	482546	49.273	ug/l	100
20) Methylene Chloride	5.301	84	149669	46.333	ug/l	90
21) trans-1,2-Dichloroethene	5.812	96	140367	46.644	ug/l	92
22) Diisopropyl ether	6.689	45	416545	44.053	ug/l #	96
23) Vinyl Acetate	6.624	43	1744054	218.310	ug/l	95
24) 1,1-Dichloroethane	6.589	63	252049	46.320	ug/l	98
25) 2-Butanone	7.495	43	601868	214.597	ug/l	94
26) 2,2-Dichloropropane	7.506	77	154960	36.609	ug/l	95
27) cis-1,2-Dichloroethene	7.501	96	178702	49.654	ug/l	91
28) Bromochloromethane	7.824	49	93100	34.798	ug/l #	79
29) Tetrahydrofuran	7.848	42	386875	211.751	ug/l	89
30) Chloroform	7.977	83	259488	47.751	ug/l	97
31) Cyclohexane	8.265	56	209978	39.790	ug/l	95
32) 1,1,1-Trichloroethane	8.183	97	218200	47.210	ug/l	98
36) 1,1-Dichloropropene	8.377	75	183468	48.521	ug/l	98
37) Ethyl Acetate	7.571	43	213312	44.315	ug/l	96
38) Carbon Tetrachloride	8.371	117	186316	50.189	ug/l	99
39) Methylcyclohexane	9.606	83	217907	42.064	ug/l	93
40) Benzene	8.612	78	601943	48.682	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	113644	42.039	ug/l #	88
42) 1,2-Dichloroethane	8.677	62	176906	47.170	ug/l	98
43) Isopropyl Acetate	8.695	43	343279	44.433	ug/l	94
44) Trichloroethene	9.359	130	155267	52.958	ug/l	97
45) 1,2-Dichloropropane	9.624	63	148089	49.229	ug/l	100
46) Dibromomethane	9.718	93	103596	51.848	ug/l	96
47) Bromodichloromethane	9.895	83	208200	50.645	ug/l	98
48) Methyl methacrylate	9.683	41	156552	44.026	ug/l	91
49) 1,4-Dioxane	9.706	88	71834	1110.449	ug/l #	93
51) 4-Methyl-2-Pentanone	10.447	43	1082584	232.766	ug/l	94
52) Toluene	10.630	92	381890	50.538	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	226512	49.275	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	242573	49.318	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	151057	51.953	ug/l	99
56) Ethyl methacrylate	10.883	69	253332	54.703	ug/l	90
57) 1,3-Dichloropropane	11.165	76	253339	50.228	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	629952	228.062	ug/l	95
59) 2-Hexanone	11.200	43	736370	245.798	ug/l	90
60) Dibromochloromethane	11.359	129	169493	55.950	ug/l	99
61) 1,2-Dibromoethane	11.471	107	159068	53.375	ug/l	99
64) Tetrachloroethene	11.106	164	122791	52.647	ug/l	95
65) Chlorobenzene	11.894	112	433044	53.277	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	144529	55.315	ug/l	99
67) Ethyl Benzene	11.965	91	766954	54.779	ug/l	100
68) m/p-Xylenes	12.071	106	595516	111.114	ug/l	98
69) o-Xylene	12.400	106	279799	54.510	ug/l	97
70) Styrene	12.412	104	474343	54.004	ug/l	99
71) Bromoform	12.577	173	117460	60.673	ug/l #	99
73) Isopropylbenzene	12.694	105	683122	51.291	ug/l	99
74) N-amyl acetate	12.512	43	210288	45.184	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.935	83	240443	53.289	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	303221	69.775	ug/l	71
77) Bromobenzene	12.977	156	171304	56.084	ug/l	90
78) n-propylbenzene	13.035	91	804916	49.731	ug/l	98
79) 2-Chlorotoluene	13.124	91	493936	50.886	ug/l	97
80) 1,3,5-Trimethylbenzene	13.171	105	580402	52.783	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.736	75	88819	47.048	ug/l	89
82) 4-Chlorotoluene	13.224	91	500362	50.946	ug/l	99
83) tert-Butylbenzene	13.435	119	505058	50.177	ug/l	97
84) 1,2,4-Trimethylbenzene	13.483	105	618119	56.058	ug/l	99
85) sec-Butylbenzene	13.618	105	683572	46.765	ug/l	98
86) p-Isopropyltoluene	13.730	119	582513	48.209	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	319544	53.173	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	326605	53.307	ug/l	99
89) n-Butylbenzene	14.053	91	509088	43.498	ug/l	99
90) Hexachloroethane	14.335	117	103069	50.323	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	311432	53.941	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	53857	49.911	ug/l	87
93) 1,2,4-Trichlorobenzene	15.388	180	188289	51.072	ug/l	98
94) Hexachlorobutadiene	15.500	225	59571	43.369	ug/l	97
95) Naphthalene	15.635	128	791615	57.686	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	182680	49.872	ug/l	99

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QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

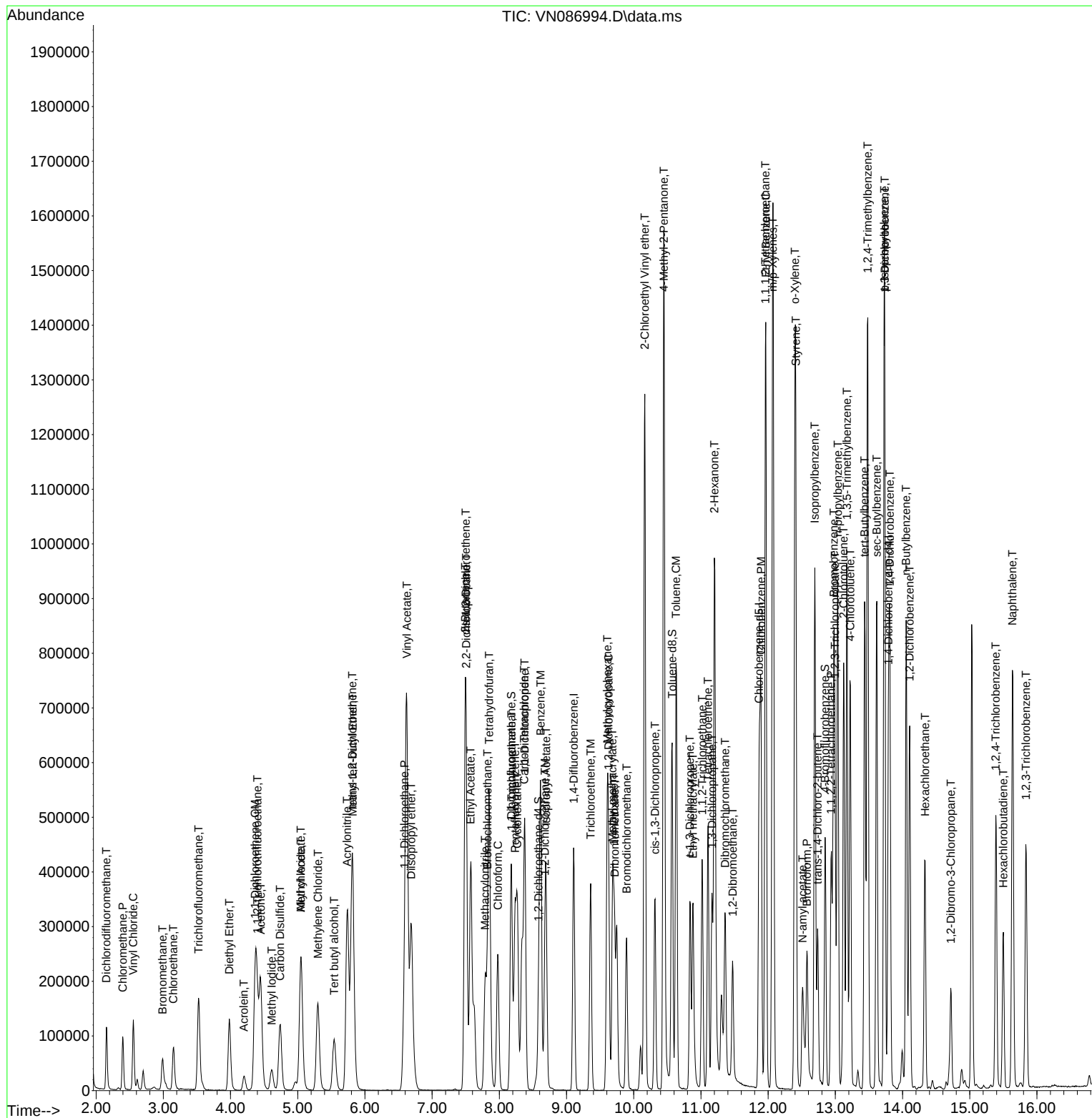
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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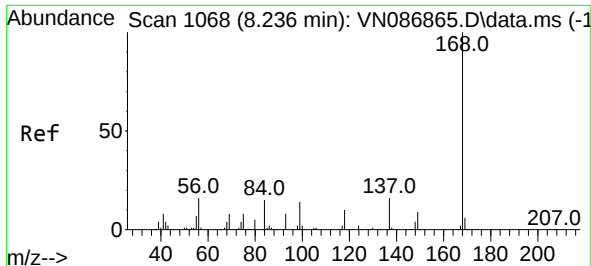
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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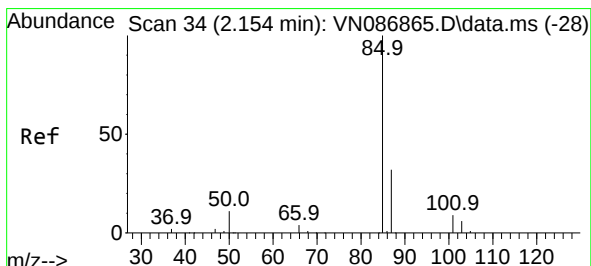
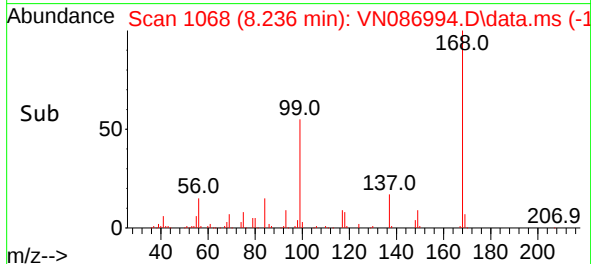
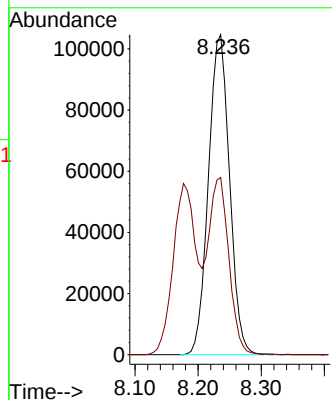
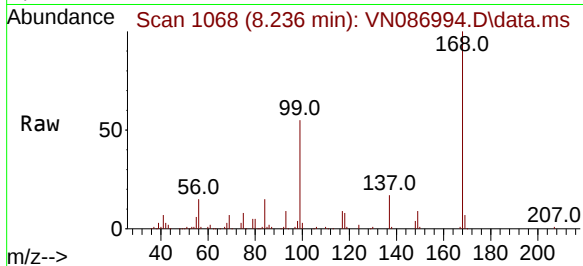




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.000 min
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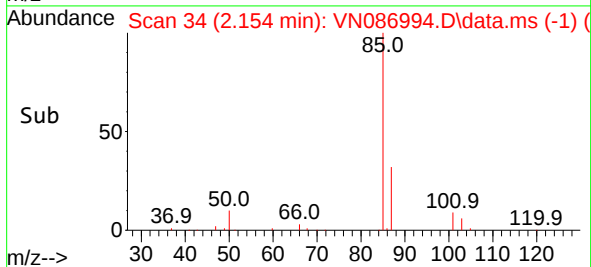
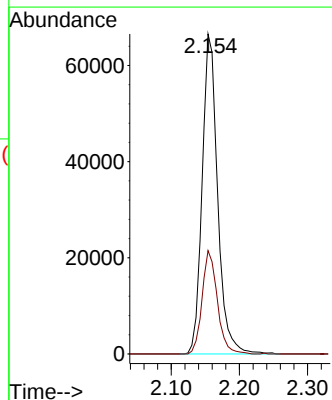
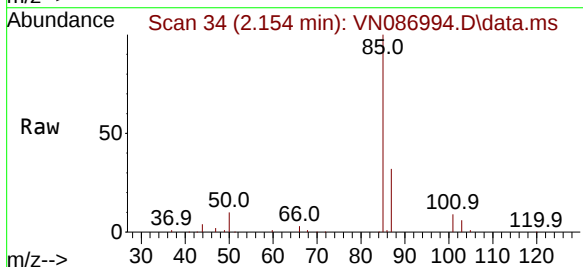
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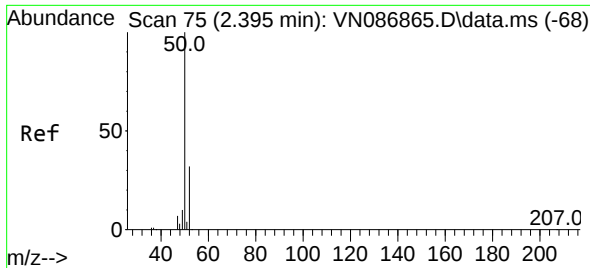
Tgt Ion:168 Resp: 243011
Ion Ratio Lower Upper
168 100
99 55.4 49.1 73.7



#2
Dichlorodifluoromethane
Concen: 43.308 ug/l
RT: 2.154 min Scan# 34
Delta R.T. 0.000 min
Lab File: VN086994.D
Acq: 12 Jun 2025 21:33

Tgt Ion: 85 Resp: 104934
Ion Ratio Lower Upper
85 100
87 32.3 16.2 48.6

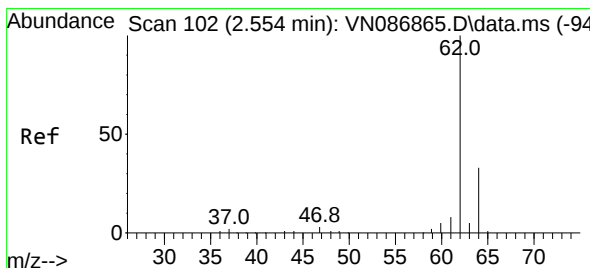
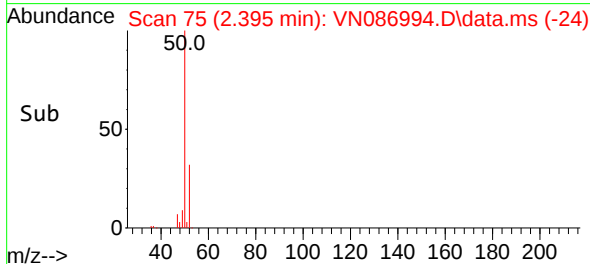
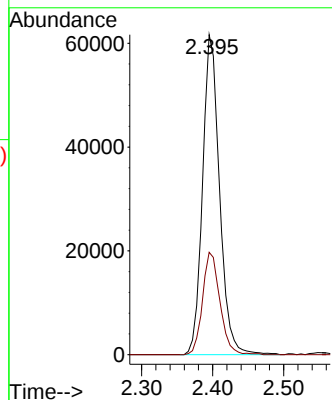
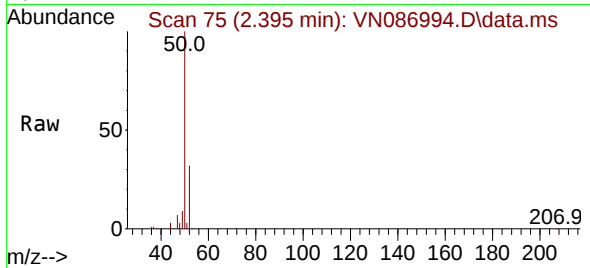




#3
Chloromethane
Concen: 32.823 ug/l
RT: 2.395 min Scan# 75
Delta R.T. 0.000 min
Lab File: VN086994.D
Acq: 12 Jun 2025 21:33

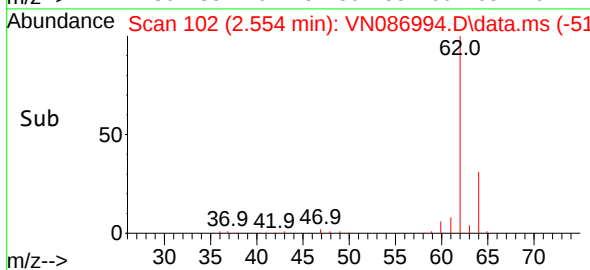
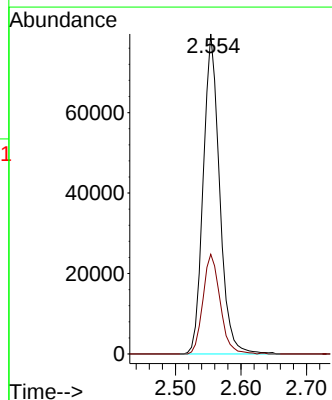
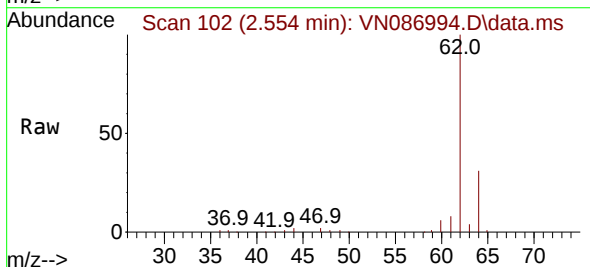
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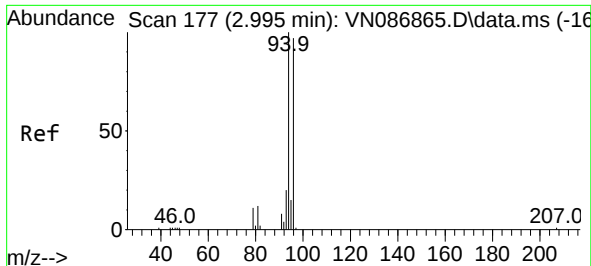
Tgt Ion: 50 Resp: 102697
Ion Ratio Lower Upper
50 100
52 32.0 25.7 38.5



#4
Vinyl Chloride
Concen: 42.821 ug/l
RT: 2.554 min Scan# 102
Delta R.T. 0.000 min
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Tgt Ion: 62 Resp: 138206
Ion Ratio Lower Upper
62 100
64 31.2 26.0 39.0

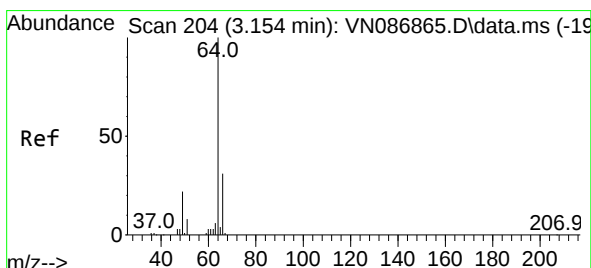
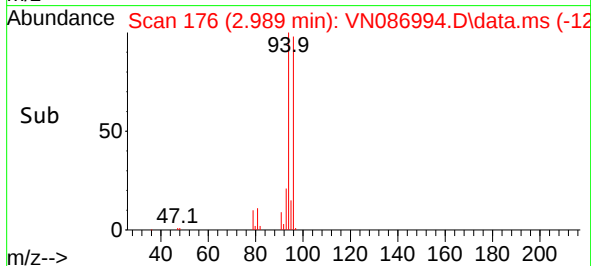
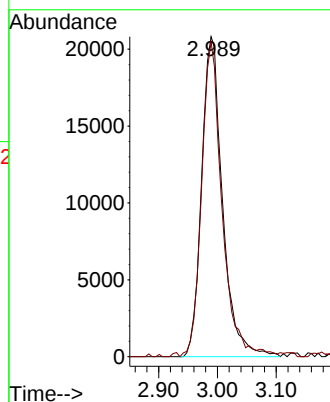
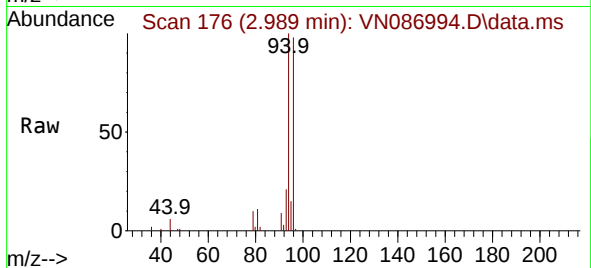




#5
Bromomethane
Concen: 28.472 ug/l
RT: 2.989 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086994.D
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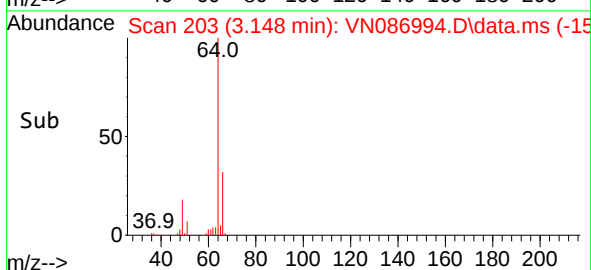
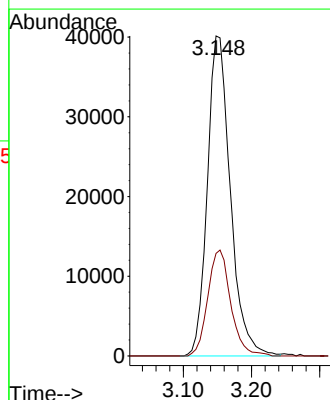
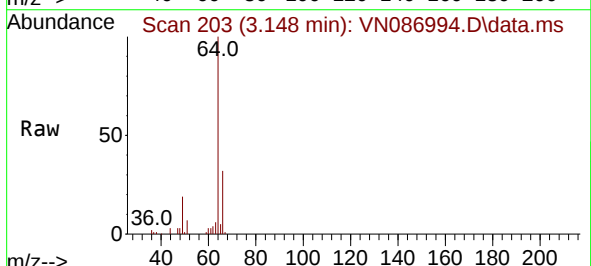
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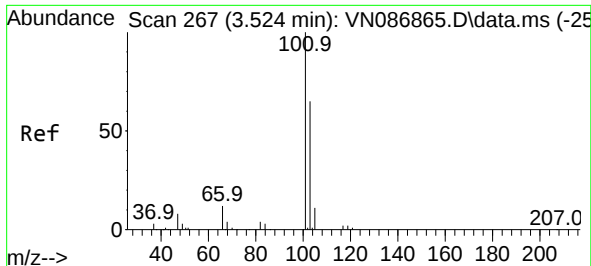
Tgt Ion: 94 Resp: 51426
Ion Ratio Lower Upper
94 100
96 98.2 77.9 116.9



#6
Chloroethane
Concen: 45.174 ug/l
RT: 3.148 min Scan# 203
Delta R.T. -0.006 min
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Tgt Ion: 64 Resp: 94179
Ion Ratio Lower Upper
64 100
66 32.1 24.6 36.8

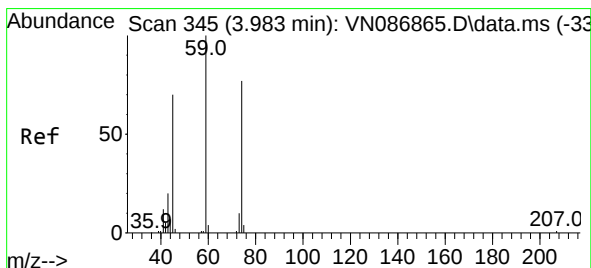
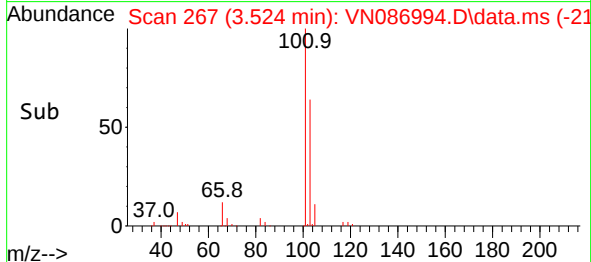
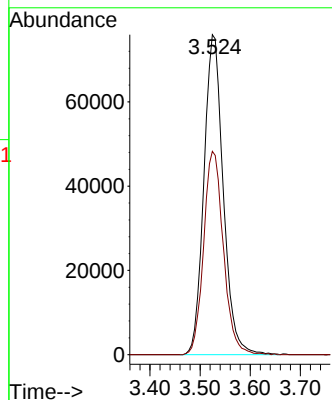
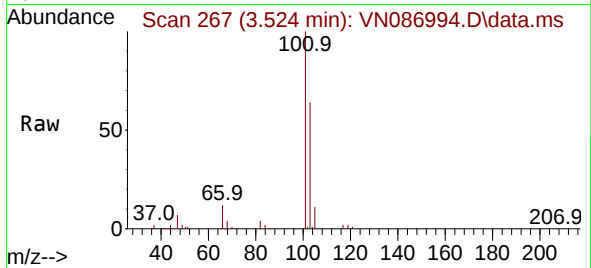




#7
 Trichlorofluoromethane
 Concen: 48.361 ug/l
 RT: 3.524 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN086994.D
 Acq: 12 Jun 2025 21:33

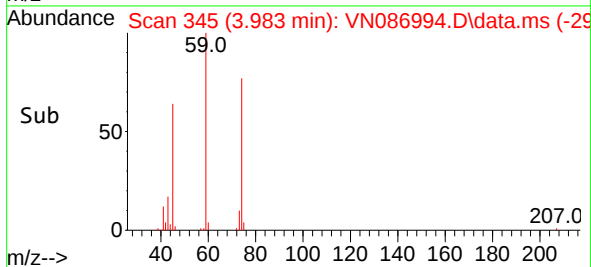
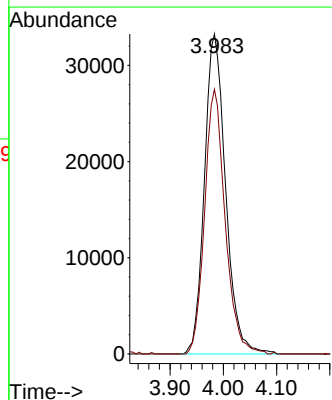
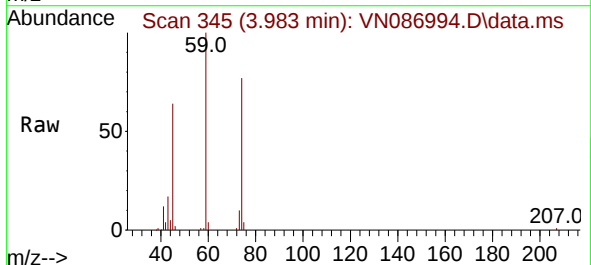
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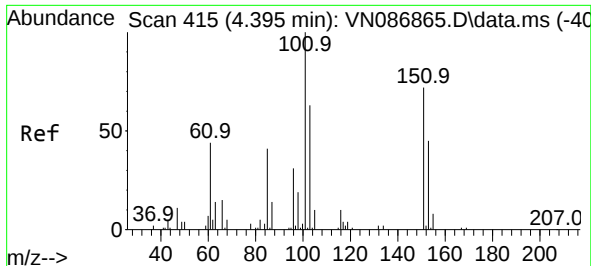
Tgt Ion:101 Resp: 203934
 Ion Ratio Lower Upper
 101 100
 103 63.5 52.2 78.2



#8
 Diethyl Ether
 Concen: 49.938 ug/l
 RT: 3.983 min Scan# 345
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 91751
 Ion Ratio Lower Upper
 74 100
 45 80.1 45.5 136.5

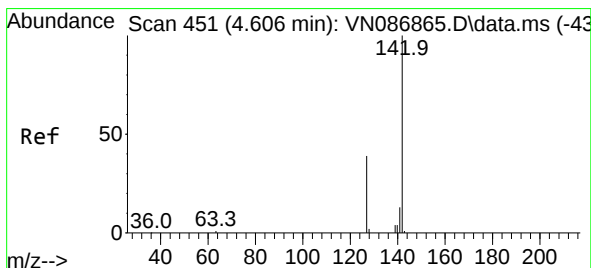
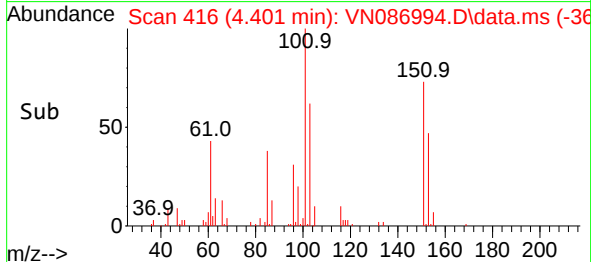
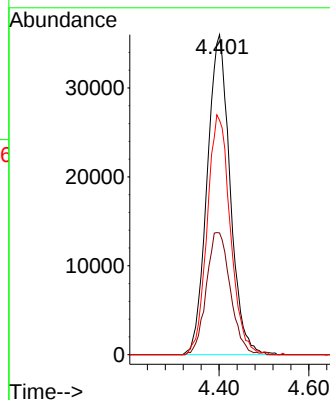
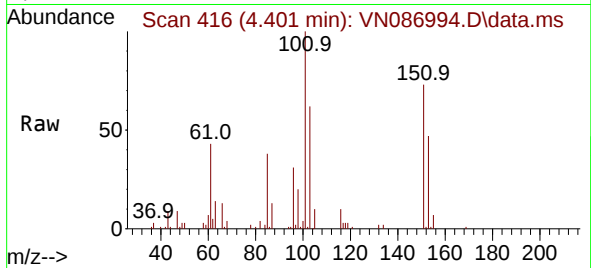




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.230 ug/l
RT: 4.401 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN086994.D
Acq: 12 Jun 2025 21:33

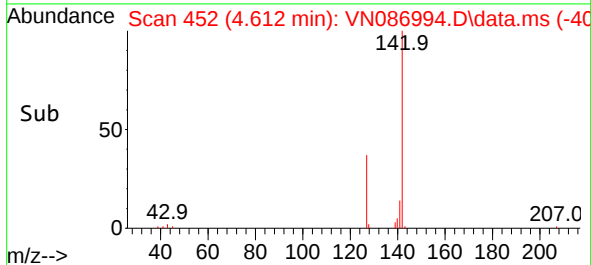
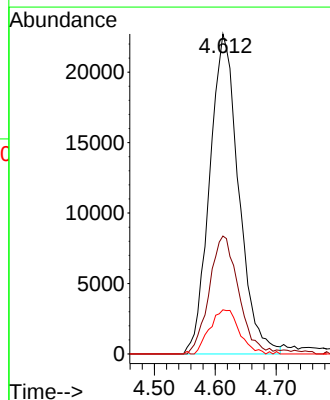
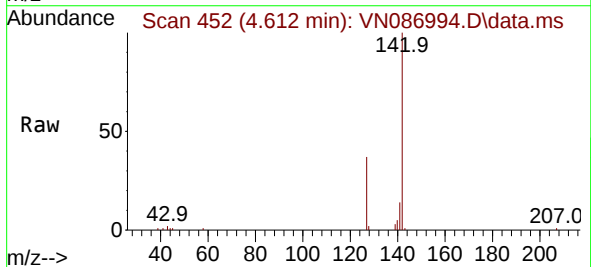
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

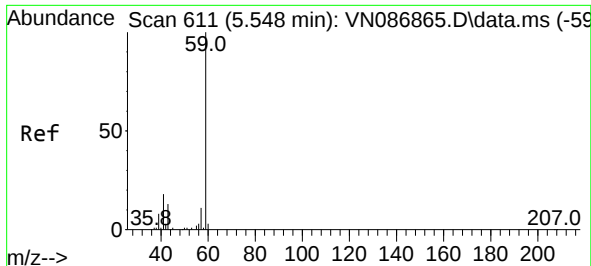
Tgt Ion:101 Resp: 127778
Ion Ratio Lower Upper
101 100
85 40.0 33.8 50.8
151 75.5 58.7 88.1



#10
Methyl Iodide
Concen: 21.936 ug/l
RT: 4.612 min Scan# 452
Delta R.T. 0.006 min
Lab File: VN086994.D
Acq: 12 Jun 2025 21:33

Tgt Ion:142 Resp: 75338
Ion Ratio Lower Upper
142 100
127 36.8 30.9 46.3
141 13.8 10.4 15.6

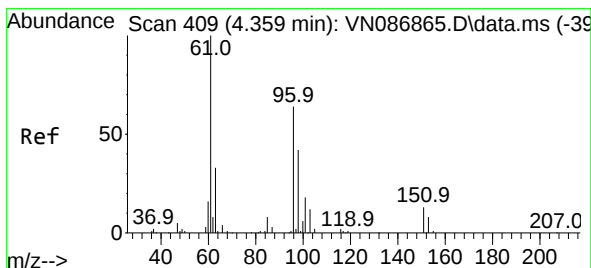
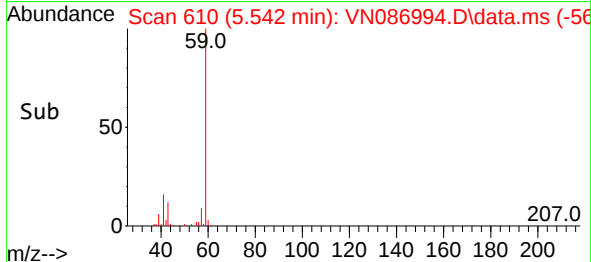
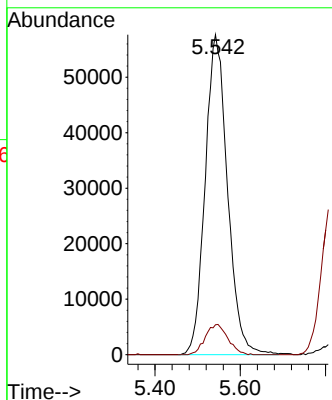
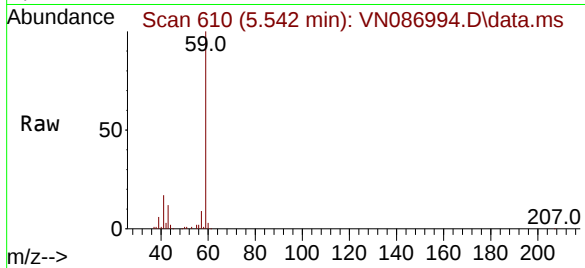




#11
Tert butyl alcohol
Concen: 237.990 ug/l
RT: 5.542 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN086994.D
Acq: 12 Jun 2025 21:33

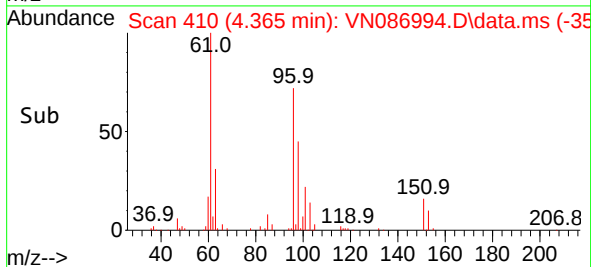
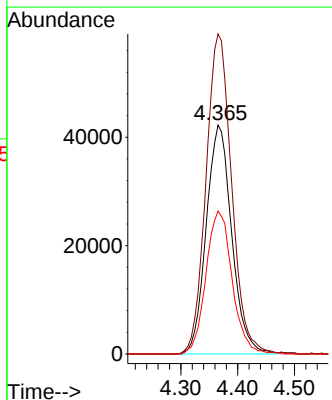
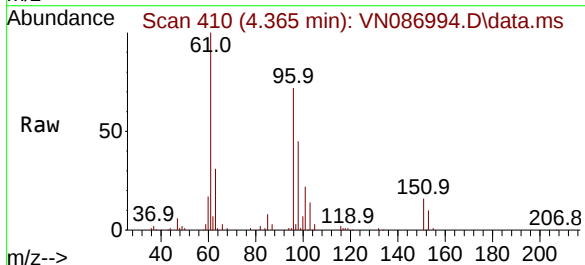
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

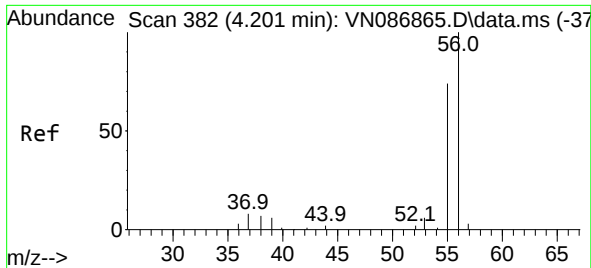
Tgt Ion: 59 Resp: 210108
Ion Ratio Lower Upper
59 100
57 9.6 8.1 12.1



#12
1,1-Dichloroethene
Concen: 48.707 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN086994.D
Acq: 12 Jun 2025 21:33

Tgt Ion: 96 Resp: 131742
Ion Ratio Lower Upper
96 100
61 139.8 125.8 188.6
98 62.4 52.5 78.7

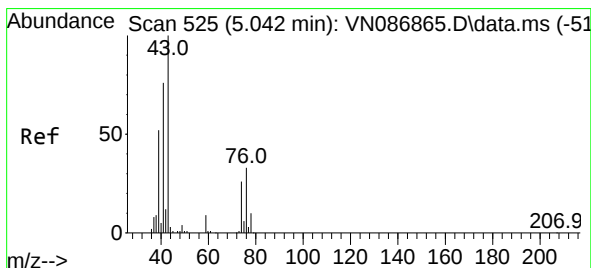
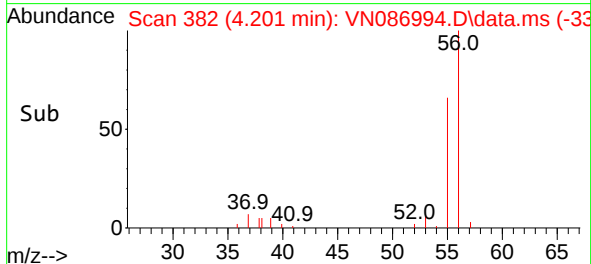
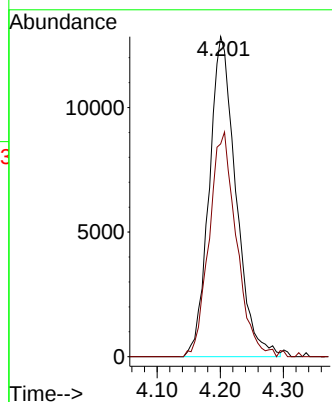
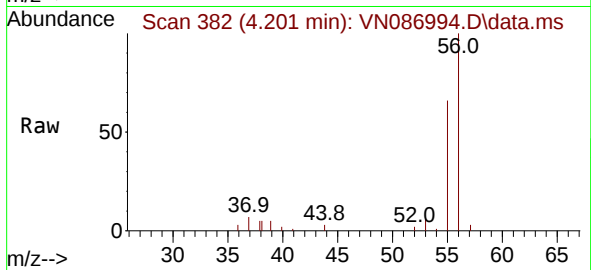




#13
Acrolein
Concen: 135.351 ug/l
RT: 4.201 min Scan# 382
Delta R.T. 0.000 min
Lab File: VN086994.D
Acq: 12 Jun 2025 21:33

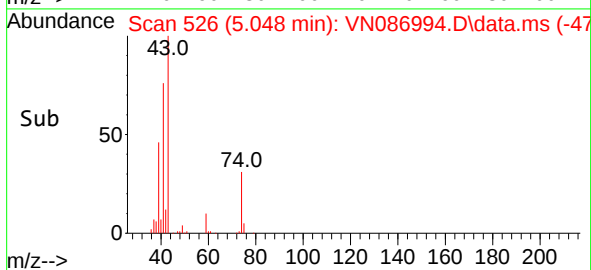
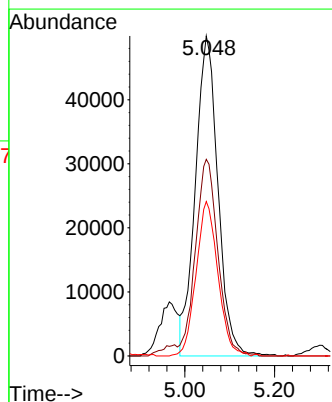
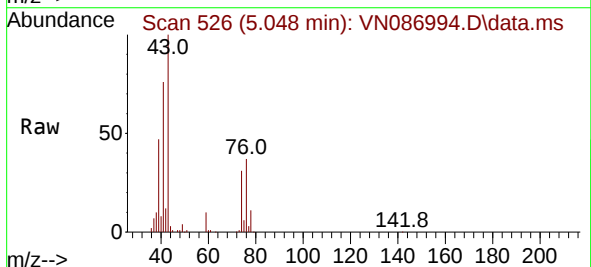
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

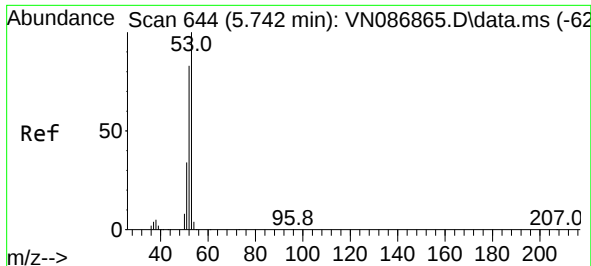
Tgt Ion: 56 Resp: 37824
Ion Ratio Lower Upper
56 100
55 71.5 55.6 83.4



#14
Allyl chloride
Concen: 38.995 ug/l
RT: 5.048 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN086994.D
Acq: 12 Jun 2025 21:33

Tgt Ion: 41 Resp: 174921
Ion Ratio Lower Upper
41 100
39 63.6 51.3 76.9
76 46.6 31.4 47.0

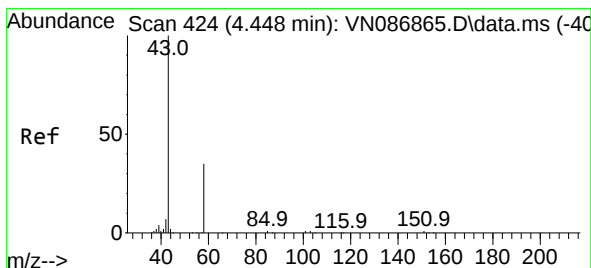
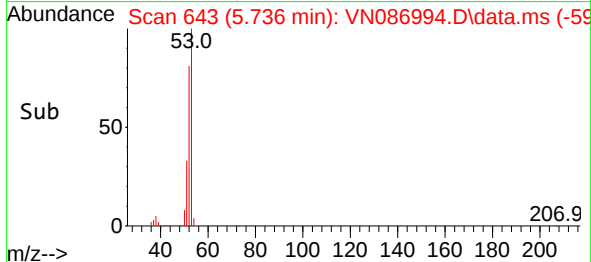
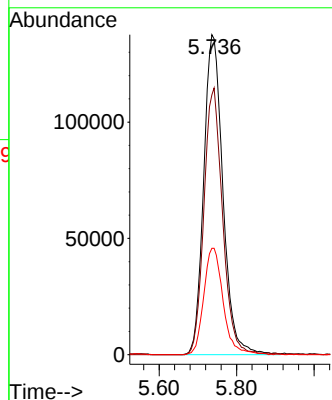
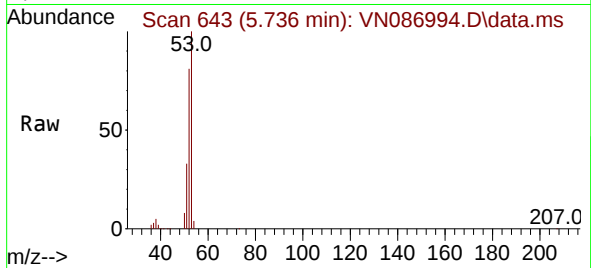




#15
Acrylonitrile
Concen: 229.477 ug/l
RT: 5.736 min Scan# 644
Delta R.T. -0.006 min
Lab File: VN086994.D
Acq: 12 Jun 2025 21:33

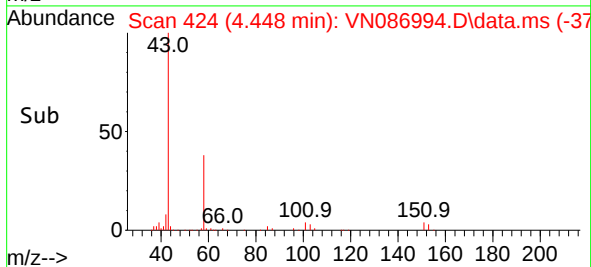
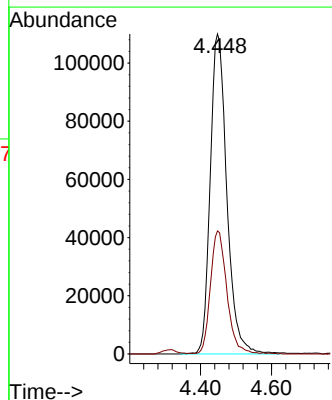
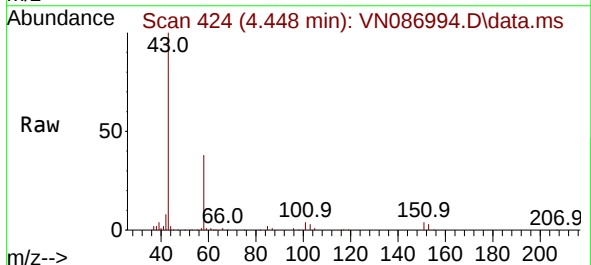
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

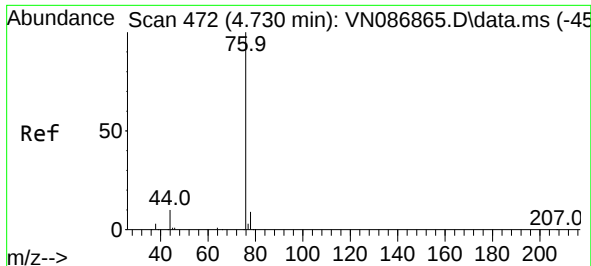
Tgt Ion: 53 Resp: 473531
Ion Ratio Lower Upper
53 100
52 80.9 65.0 97.6
51 33.6 27.2 40.8



#16
Acetone
Concen: 207.245 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.000 min
Lab File: VN086994.D
Acq: 12 Jun 2025 21:33

Tgt Ion: 43 Resp: 357588
Ion Ratio Lower Upper
43 100
58 38.3 28.0 42.0

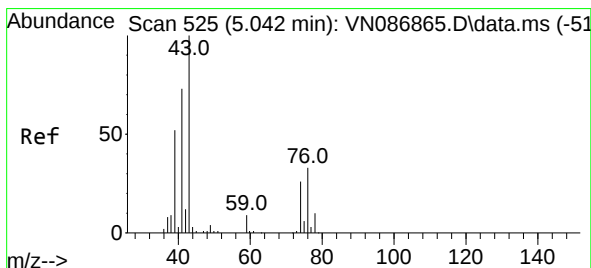
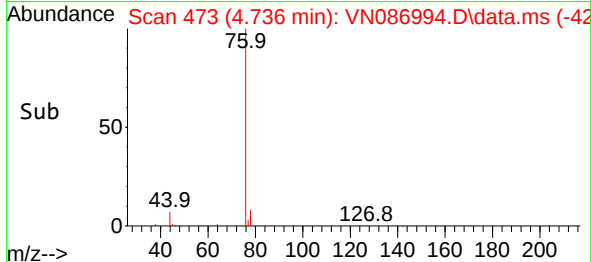
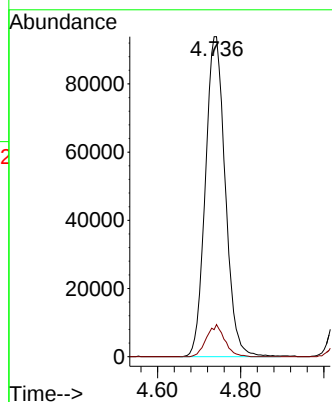
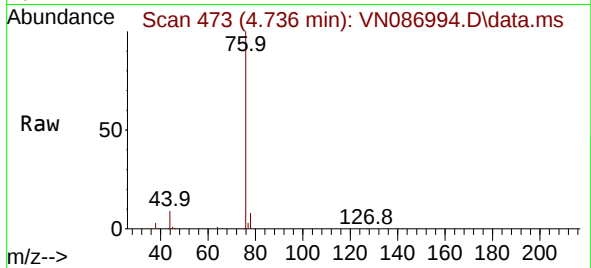




#17
Carbon Disulfide
Concen: 41.697 ug/l
RT: 4.736 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN086994.D
Acq: 12 Jun 2025 21:33

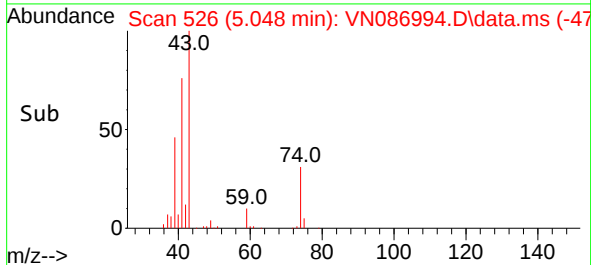
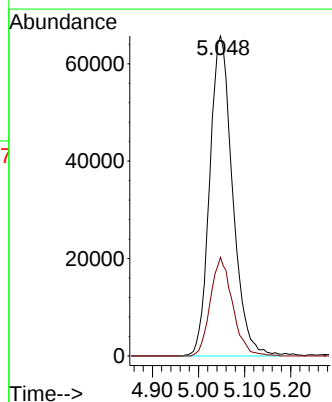
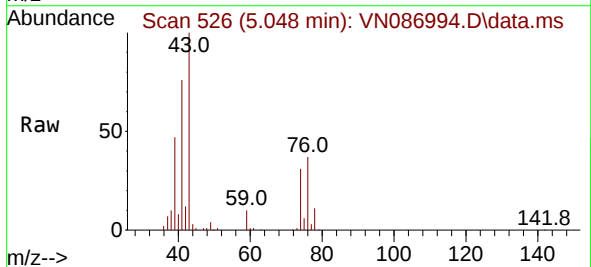
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

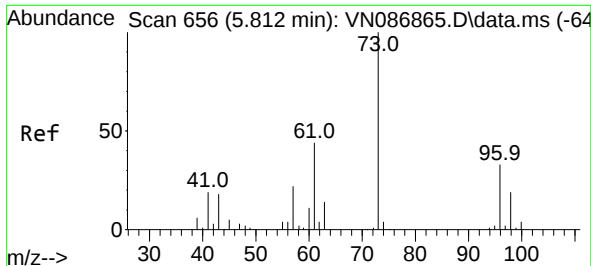
Tgt Ion: 76 Resp: 311964
Ion Ratio Lower Upper
76 100
78 8.5 7.3 10.9



#18
Methyl Acetate
Concen: 45.118 ug/l
RT: 5.048 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN086994.D
Acq: 12 Jun 2025 21:33

Tgt Ion: 43 Resp: 226860
Ion Ratio Lower Upper
43 100
74 29.8 20.7 31.1

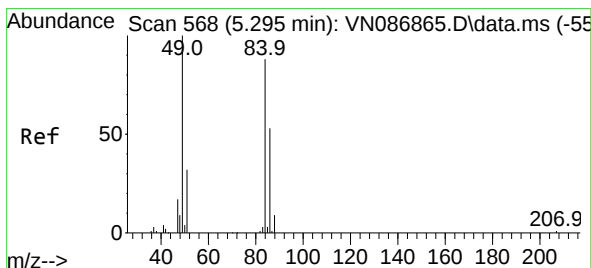
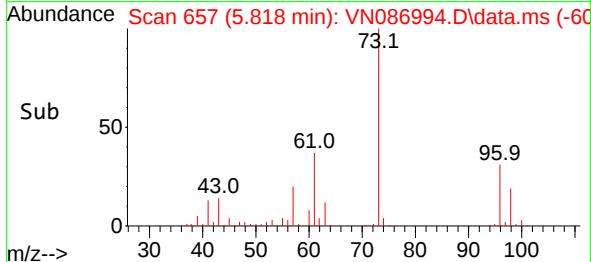
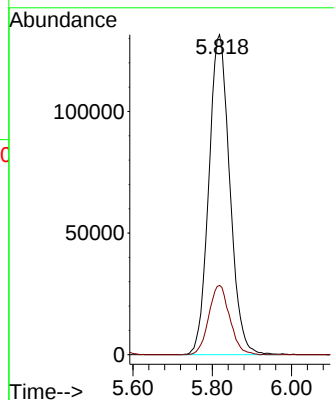
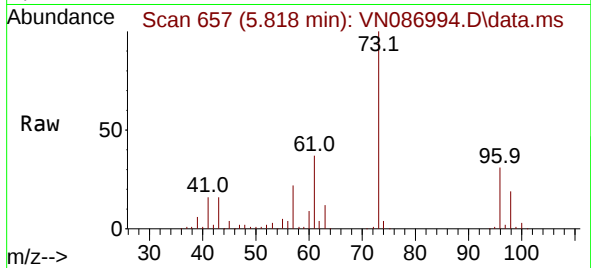




#19
Methyl tert-butyl Ether
Concen: 49.273 ug/l
RT: 5.818 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086994.D
Acq: 12 Jun 2025 21:33

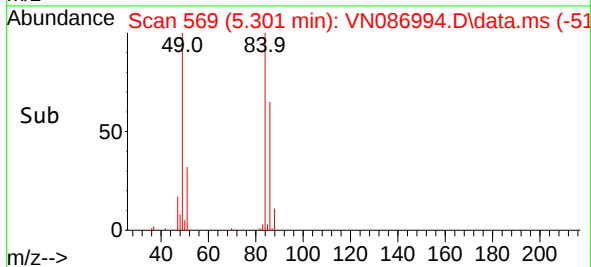
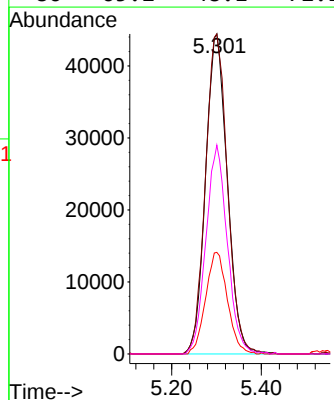
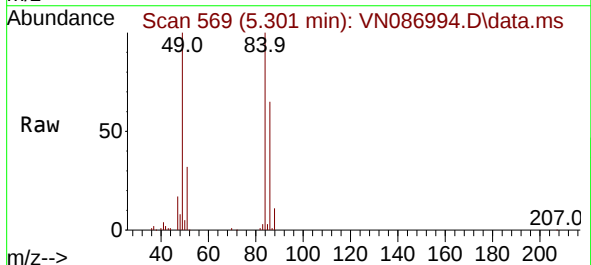
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

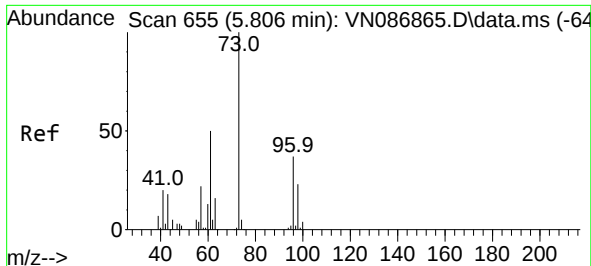
Tgt Ion: 73 Resp: 482546
Ion Ratio Lower Upper
73 100
57 21.7 17.4 26.2



#20
Methylene Chloride
Concen: 46.333 ug/l
RT: 5.301 min Scan# 569
Delta R.T. 0.006 min
Lab File: VN086994.D
Acq: 12 Jun 2025 21:33

Tgt Ion: 84 Resp: 149669
Ion Ratio Lower Upper
84 100
49 100.0 90.5 135.7
51 31.8 28.5 42.7
86 65.2 48.1 72.1

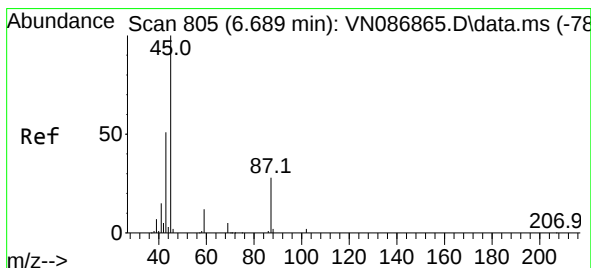
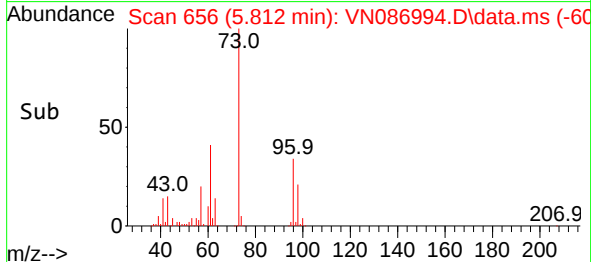
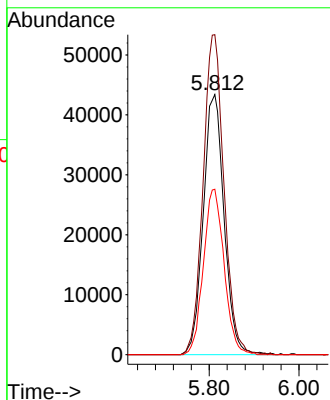
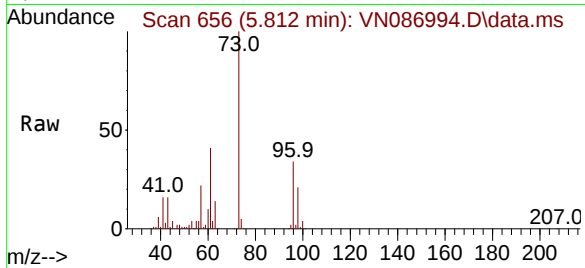




#21
trans-1,2-Dichloroethene
Concen: 46.644 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086994.D
Acq: 12 Jun 2025 21:33

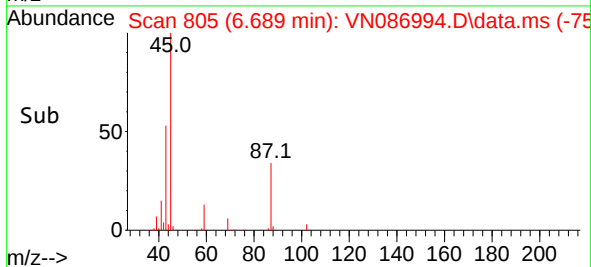
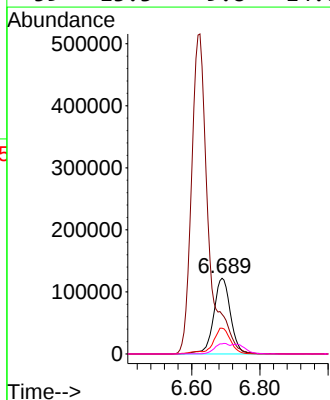
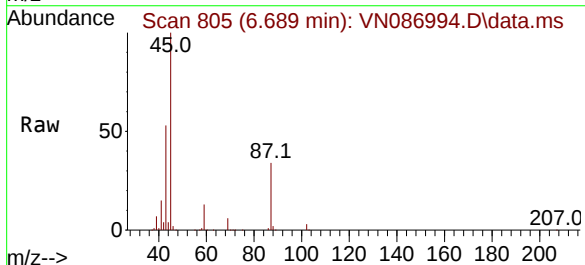
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

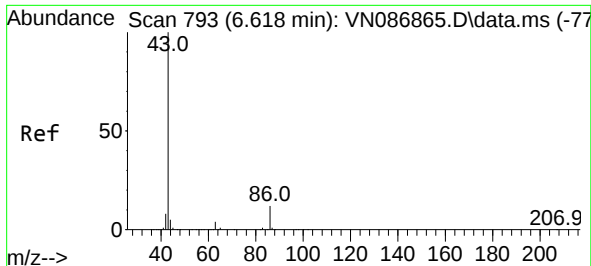
Tgt Ion: 96 Resp: 140367
Ion Ratio Lower Upper
96 100
61 123.0 109.2 163.8
98 63.6 49.8 74.8



#22
Diisopropyl ether
Concen: 44.053 ug/l
RT: 6.689 min Scan# 805
Delta R.T. 0.000 min
Lab File: VN086994.D
Acq: 12 Jun 2025 21:33

Tgt Ion: 45 Resp: 416545
Ion Ratio Lower Upper
45 100
43 52.2 41.9 62.9
87 34.0 22.4 33.6#
59 13.3 9.8 14.6

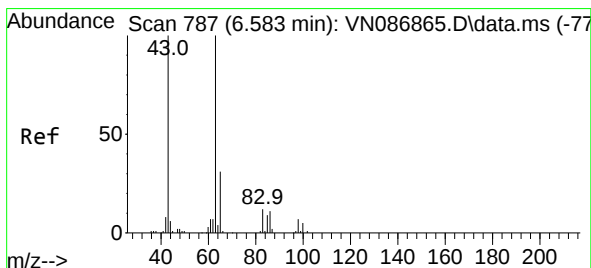
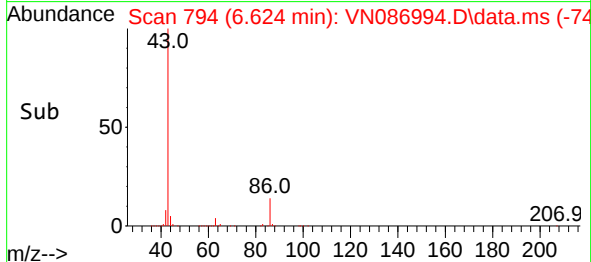
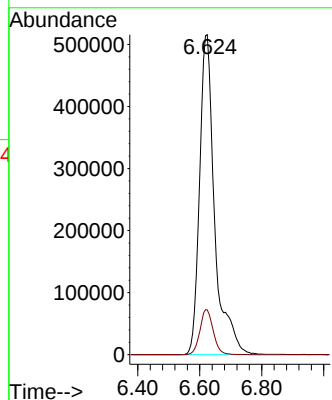
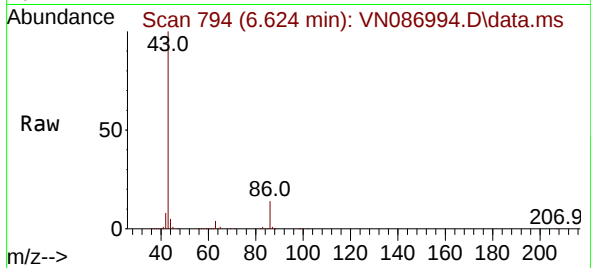




#23
 Vinyl Acetate
 Concen: 218.310 ug/l
 RT: 6.624 min Scan# 794
 Delta R.T. 0.006 min
 Lab File: VN086994.D
 Acq: 12 Jun 2025 21:33

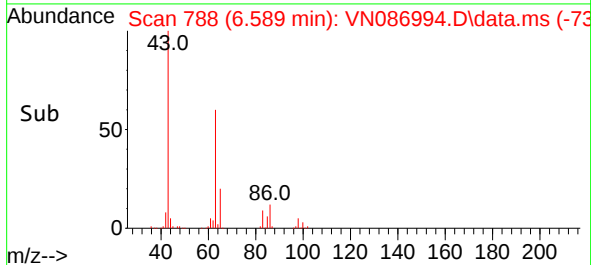
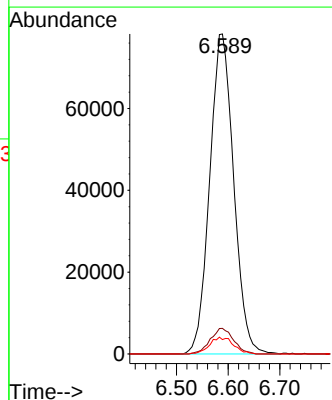
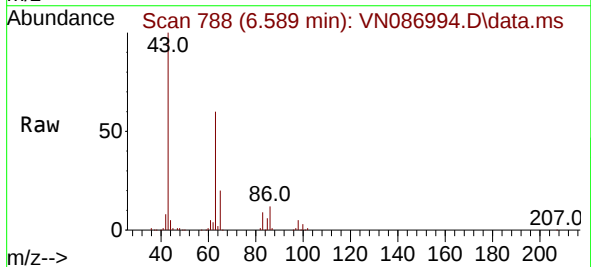
Instrument :
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 VSTDCCC050EC

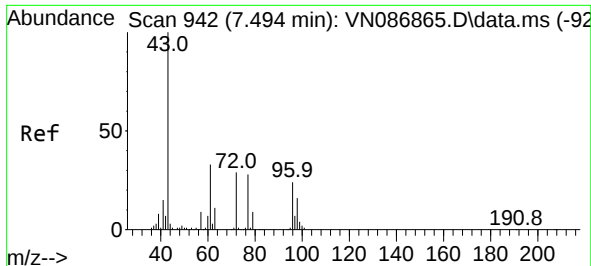
Tgt Ion: 43 Resp: 1744054
 Ion Ratio Lower Upper
 43 100
 86 14.0 9.5 14.3



#24
 1,1-Dichloroethane
 Concen: 46.320 ug/l
 RT: 6.589 min Scan# 788
 Delta R.T. 0.006 min
 Lab File: VN086994.D
 Acq: 12 Jun 2025 21:33

Tgt Ion: 63 Resp: 252049
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.6 10.8
 100 4.5 2.6 7.8

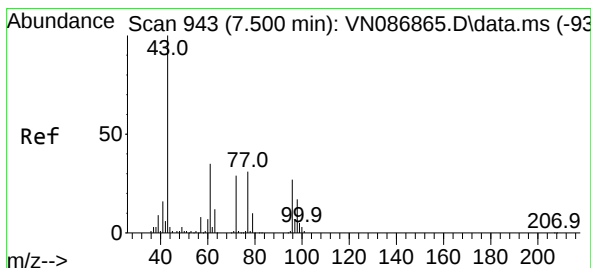
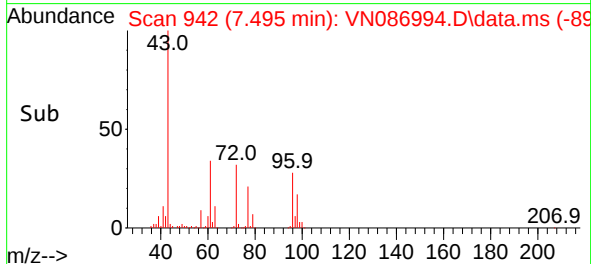
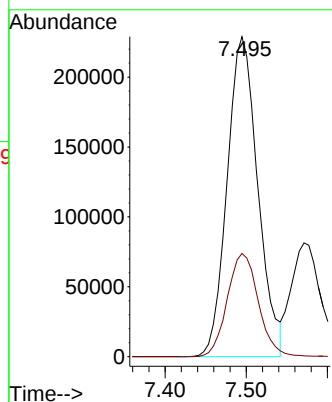
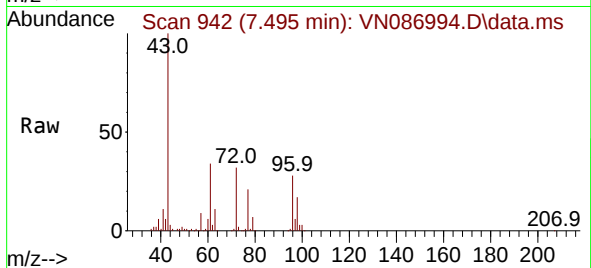




#25
2-Butanone
Concen: 214.597 ug/l
RT: 7.495 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN086994.D
Acq: 12 Jun 2025 21:33

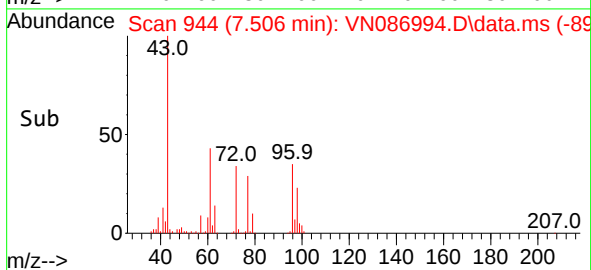
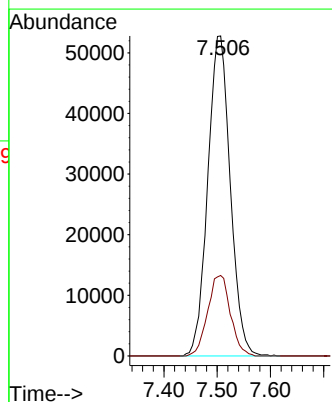
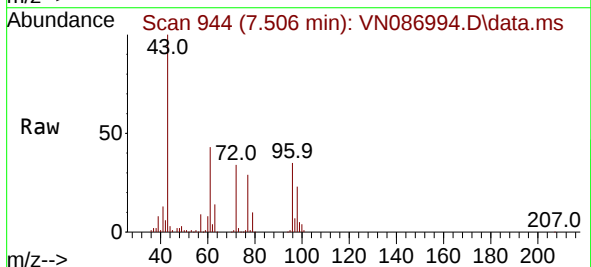
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

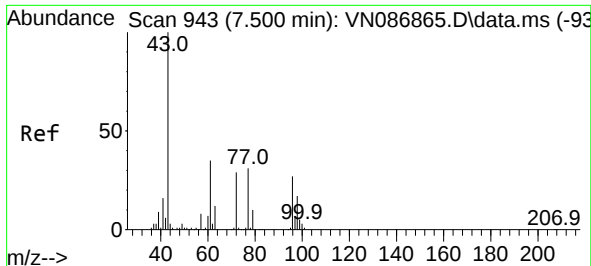
Tgt Ion: 43 Resp: 601868
Ion Ratio Lower Upper
43 100
72 32.2 23.0 34.6



#26
2,2-Dichloropropane
Concen: 36.609 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.006 min
Lab File: VN086994.D
Acq: 12 Jun 2025 21:33

Tgt Ion: 77 Resp: 154960
Ion Ratio Lower Upper
77 100
97 25.4 11.6 34.7

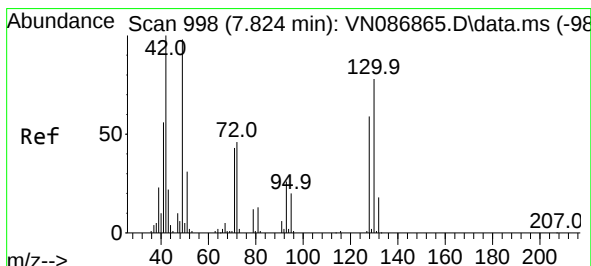
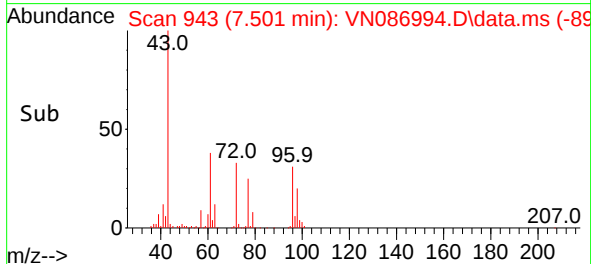
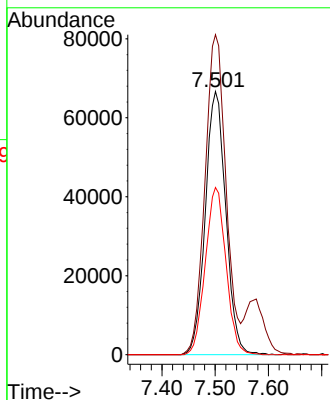
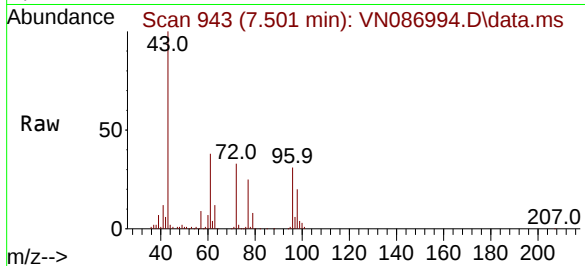




#27
 cis-1,2-Dichloroethene
 Concen: 49.654 ug/l
 RT: 7.501 min Scan# 943
 Delta R.T. 0.000 min
 Lab File: VN086994.D
 Acq: 12 Jun 2025 21:33

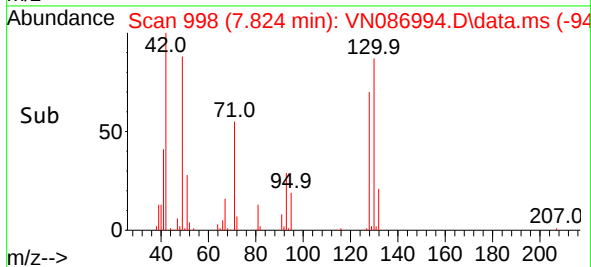
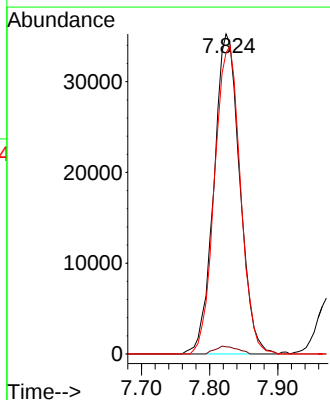
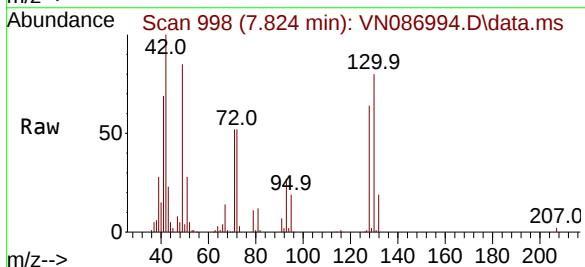
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

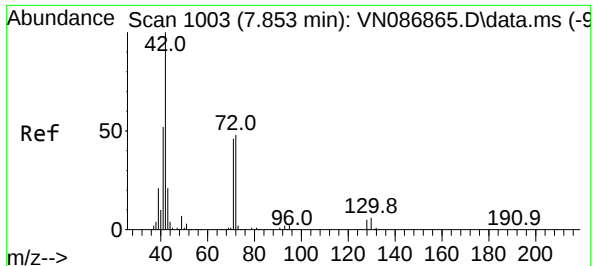
Tgt Ion: 96 Resp: 178702
 Ion Ratio Lower Upper
 96 100
 61 124.0 0.0 278.0
 98 63.9 0.0 128.2



#28
 Bromochloromethane
 Concen: 34.798 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.000 min
 Lab File: VN086994.D
 Acq: 12 Jun 2025 21:33

Tgt Ion: 49 Resp: 93100
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.8
 130 96.2 62.2 93.2#





#29

Tetrahydrofuran

Concen: 211.751 ug/l

RT: 7.848 min Scan# 1002

Delta R.T. -0.006 min

Lab File: VN086994.D

Acq: 12 Jun 2025 21:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

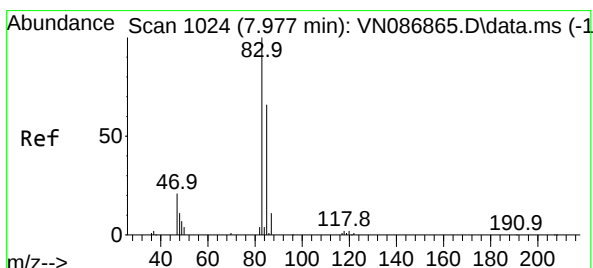
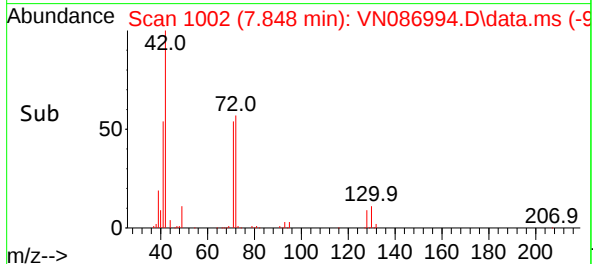
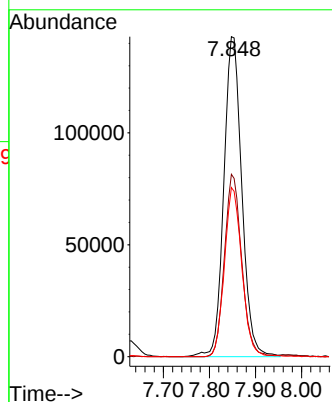
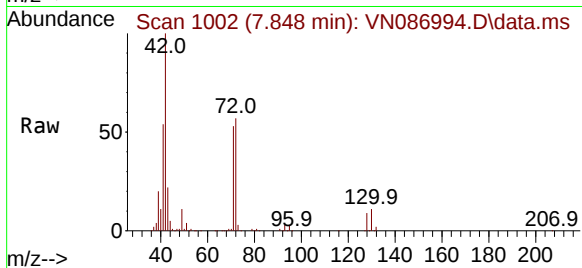
Tgt Ion: 42 Resp: 386875

Ion Ratio Lower Upper

42 100

72 54.5 37.8 56.6

71 51.3 35.6 53.4



#30

Chloroform

Concen: 47.751 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. 0.000 min

Lab File: VN086994.D

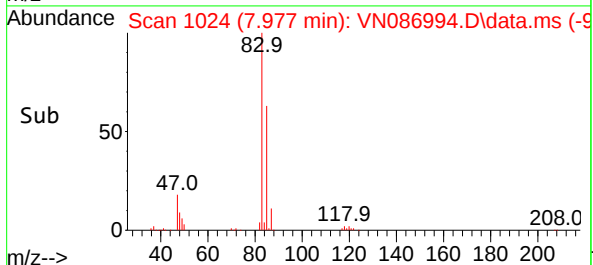
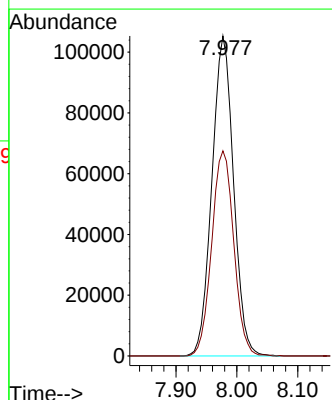
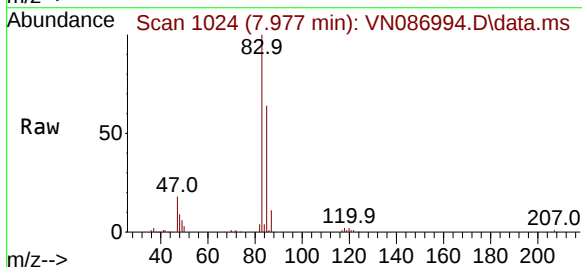
Acq: 12 Jun 2025 21:33

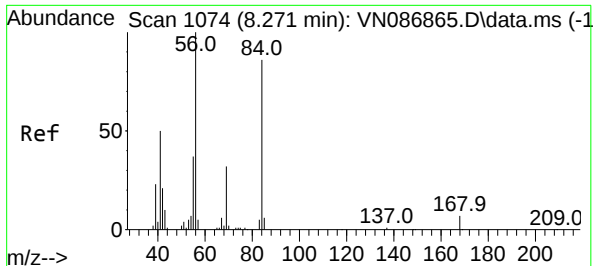
Tgt Ion: 83 Resp: 259488

Ion Ratio Lower Upper

83 100

85 64.1 52.9 79.3

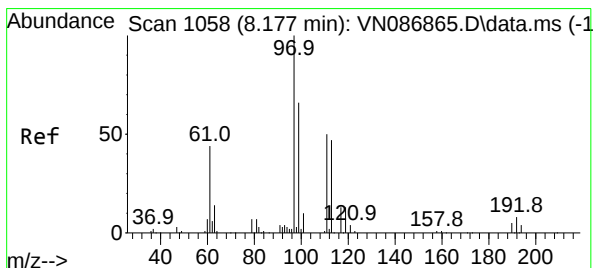
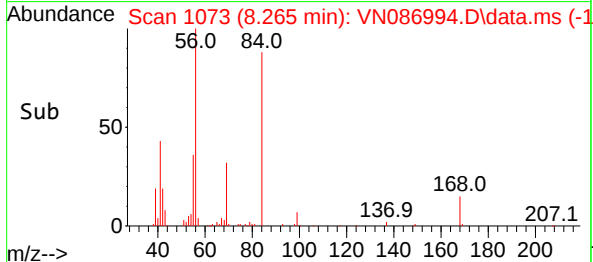
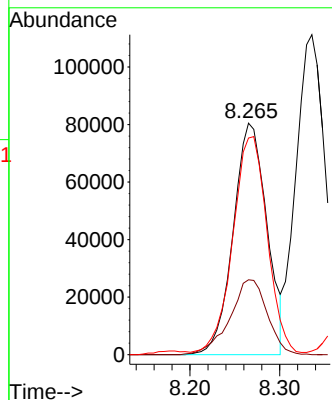
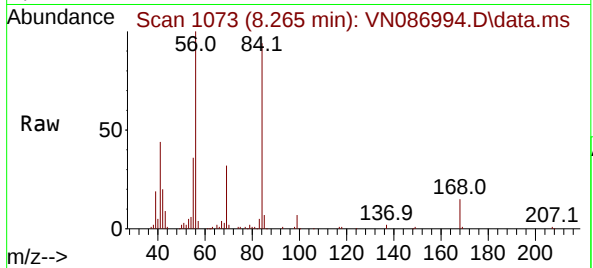




#31
Cyclohexane
Concen: 39.790 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN086994.D
Acq: 12 Jun 2025 21:33

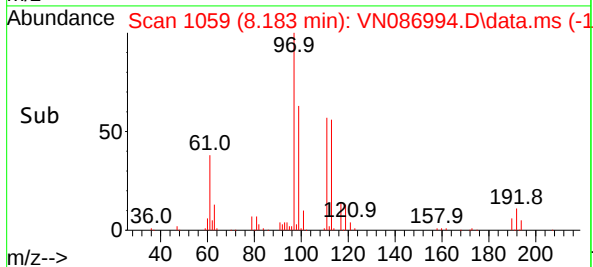
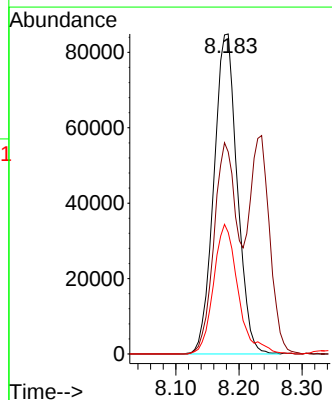
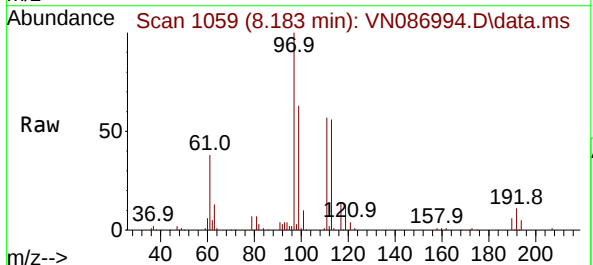
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

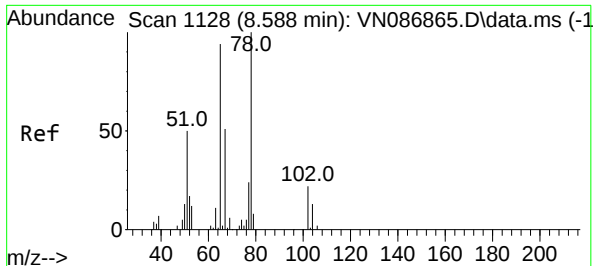
Tgt Ion: 56 Resp: 209978
Ion Ratio Lower Upper
56 100
69 32.4 25.4 38.0
84 92.4 68.8 103.2



#32
1,1,1-Trichloroethane
Concen: 47.210 ug/l
RT: 8.183 min Scan# 1059
Delta R.T. 0.006 min
Lab File: VN086994.D
Acq: 12 Jun 2025 21:33

Tgt Ion: 97 Resp: 218200
Ion Ratio Lower Upper
97 100
99 66.1 52.0 78.0
61 42.6 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 41.884 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VN086994.D

Acq: 12 Jun 2025 21:33

Instrument :

MSVOA_N

ClientSampleId :

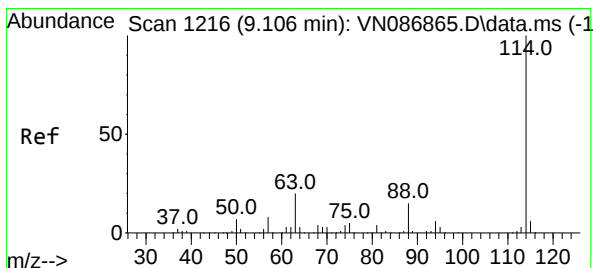
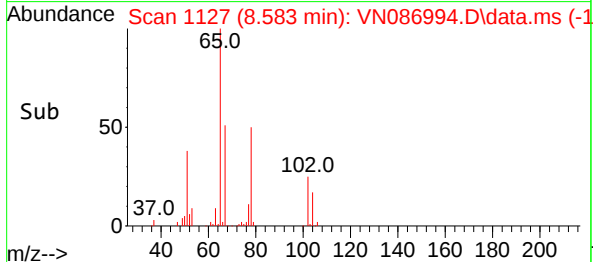
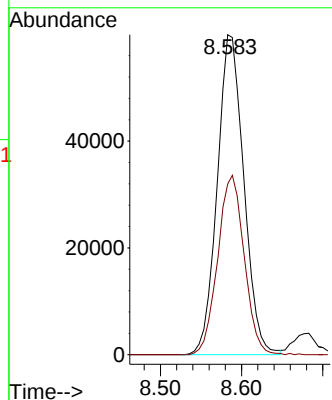
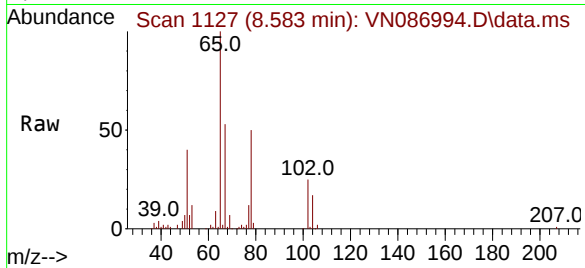
VSTDCCC050EC

Tgt Ion: 65 Resp: 136275

Ion Ratio Lower Upper

65 100

67 55.8 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN086994.D

Acq: 12 Jun 2025 21:33

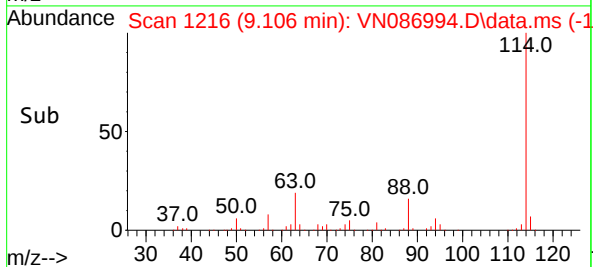
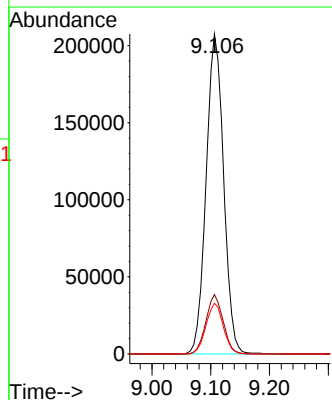
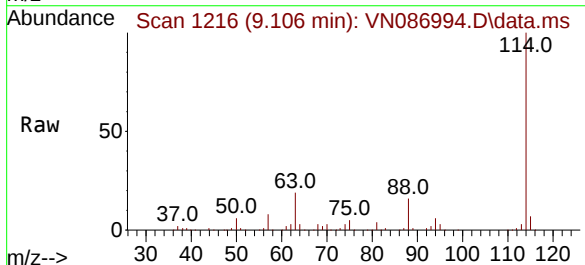
Tgt Ion: 114 Resp: 428192

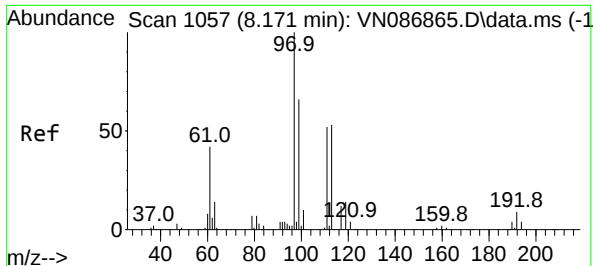
Ion Ratio Lower Upper

114 100

63 18.5 0.0 39.6

88 15.9 0.0 30.2

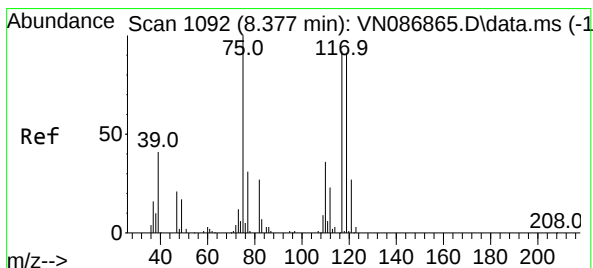
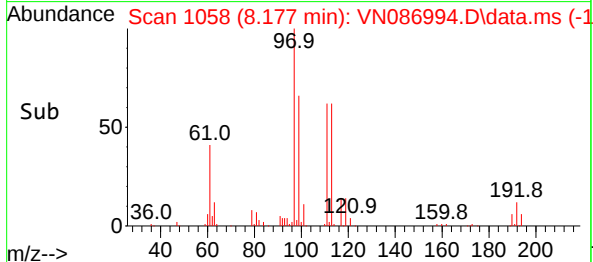
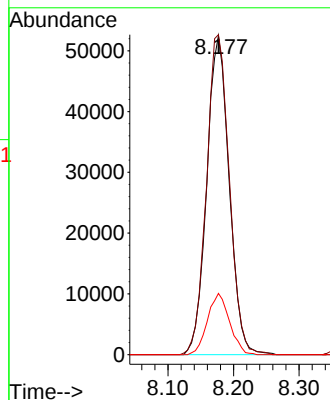
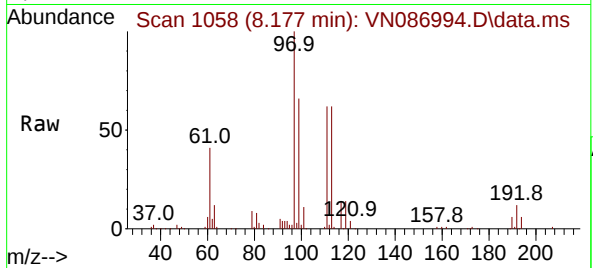




#35
Dibromofluoromethane
Concen: 49.192 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN086994.D
Acq: 12 Jun 2025 21:33

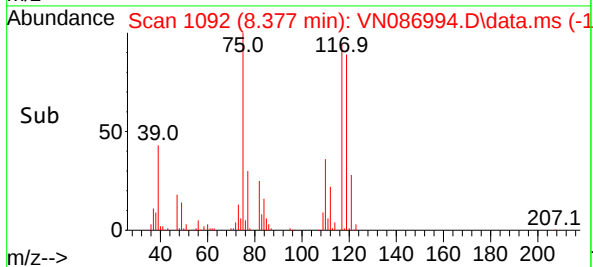
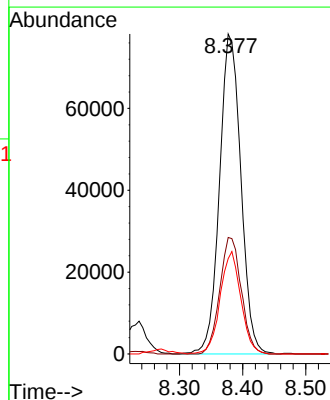
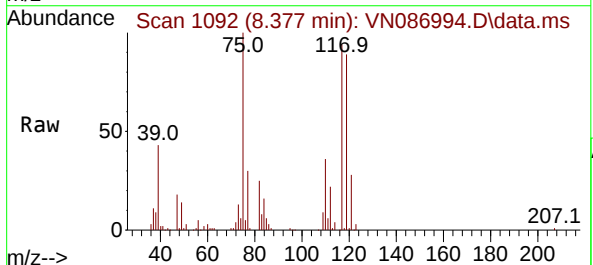
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

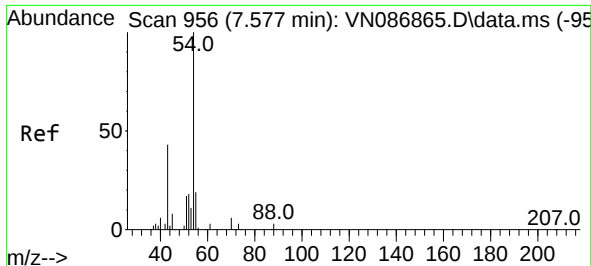
Tgt Ion:113 Resp: 124828
Ion Ratio Lower Upper
113 100
111 102.3 84.2 126.2
192 18.9 14.2 21.4



#36
1,1-Dichloropropene
Concen: 48.521 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN086994.D
Acq: 12 Jun 2025 21:33

Tgt Ion: 75 Resp: 183468
Ion Ratio Lower Upper
75 100
110 36.7 17.6 52.9
77 31.1 25.3 37.9

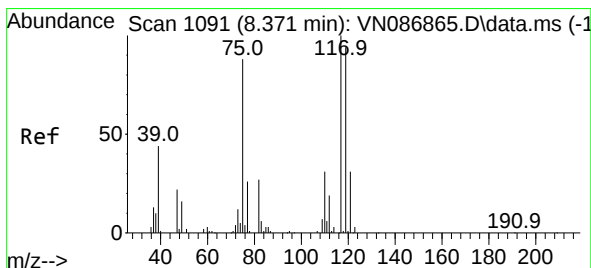
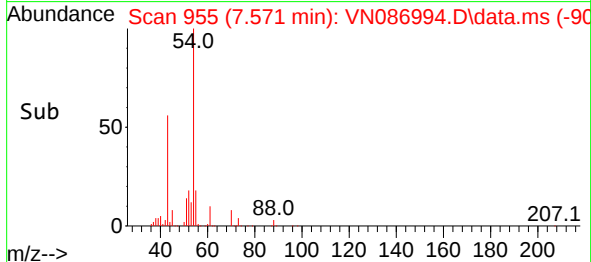
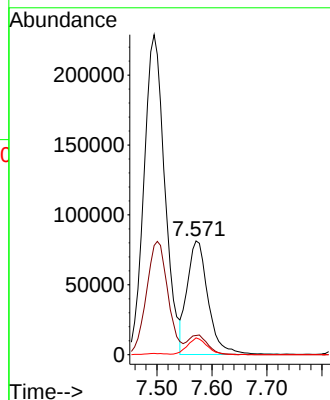
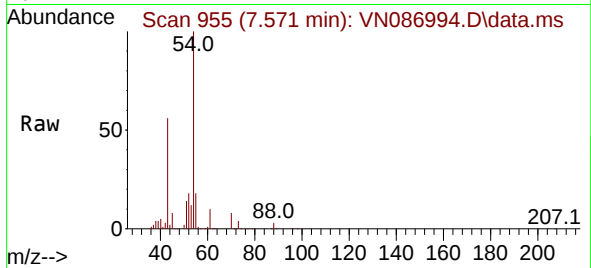




#37
Ethyl Acetate
Concen: 44.315 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086994.D
Acq: 12 Jun 2025 21:33

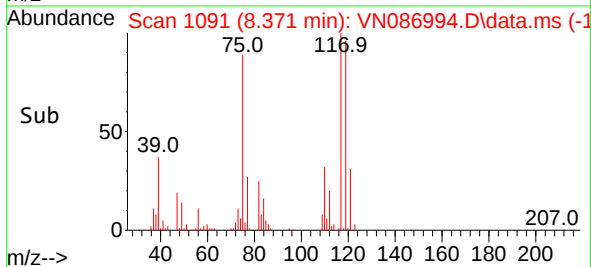
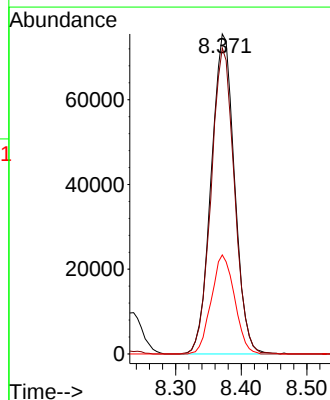
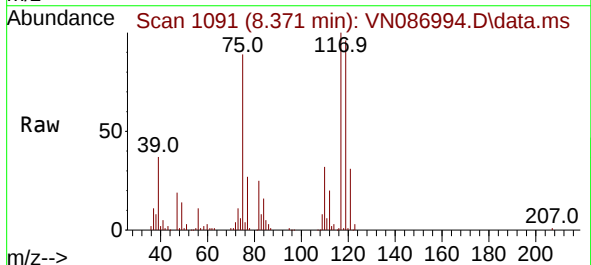
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

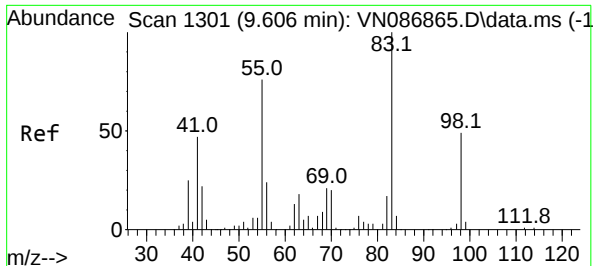
Tgt Ion: 43 Resp: 213312
Ion Ratio Lower Upper
43 100
61 16.5 12.1 18.1
70 13.9 9.8 14.6



#38
Carbon Tetrachloride
Concen: 50.189 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN086994.D
Acq: 12 Jun 2025 21:33

Tgt Ion: 117 Resp: 186316
Ion Ratio Lower Upper
117 100
119 95.6 75.0 112.6
121 31.0 24.9 37.3





#39

Methylcyclohexane

Concen: 42.064 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN086994.D

Acq: 12 Jun 2025 21:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

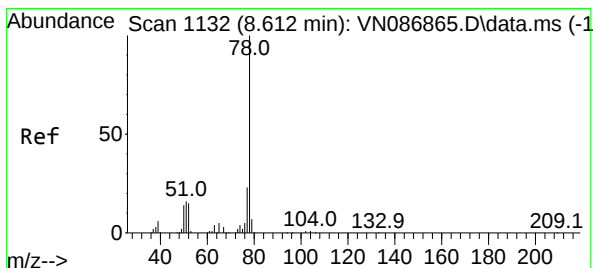
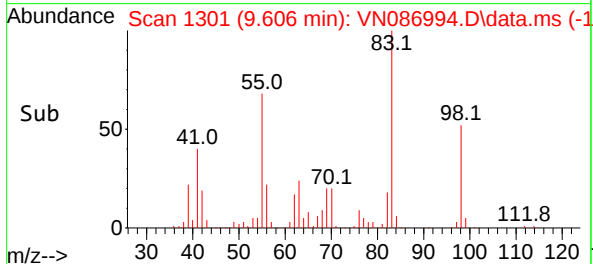
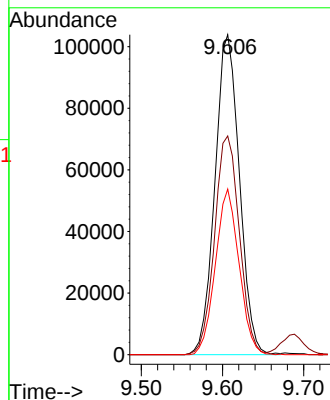
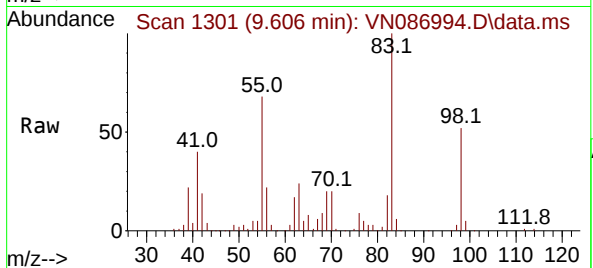
Tgt Ion: 83 Resp: 217907

Ion Ratio Lower Upper

83 100

55 68.3 61.0 91.6

98 51.8 38.9 58.3



#40

Benzene

Concen: 48.682 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN086994.D

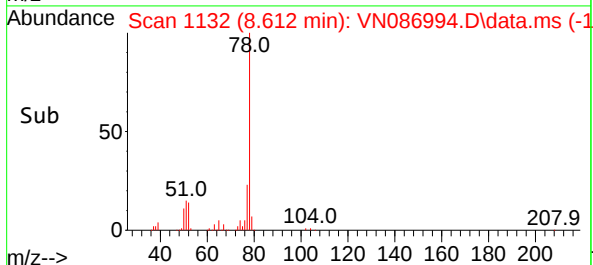
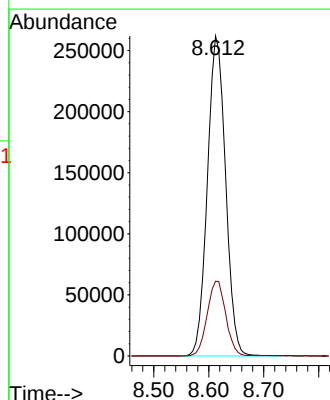
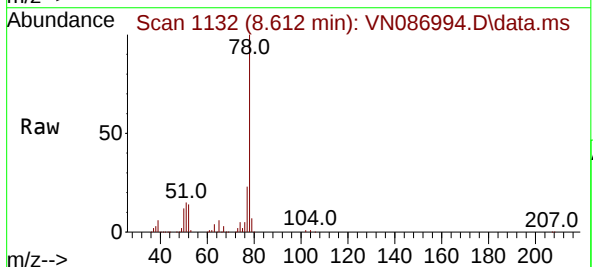
Acq: 12 Jun 2025 21:33

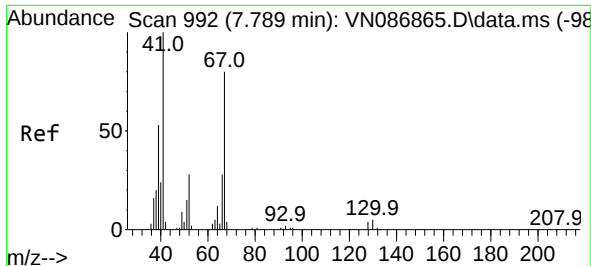
Tgt Ion: 78 Resp: 601943

Ion Ratio Lower Upper

78 100

77 23.4 18.7 28.1

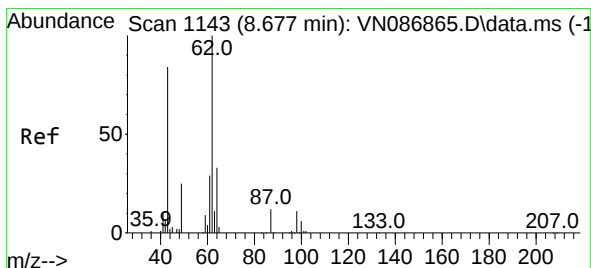
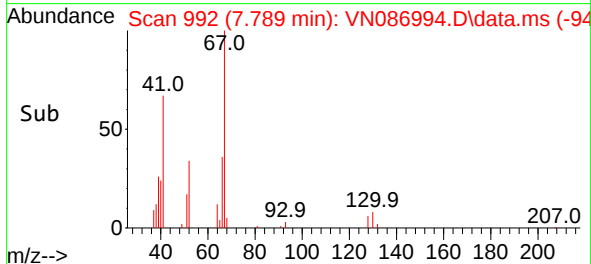
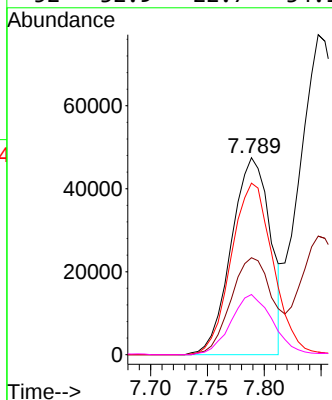
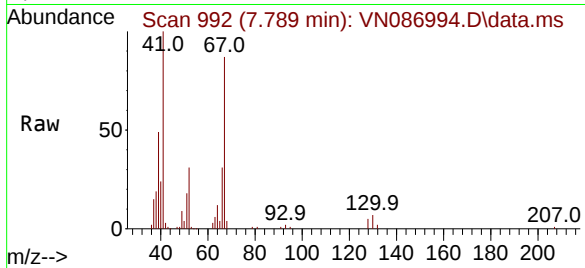




#41
Methacrylonitrile
Concen: 42.039 ug/l
RT: 7.789 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN086994.D
Acq: 12 Jun 2025 21:33

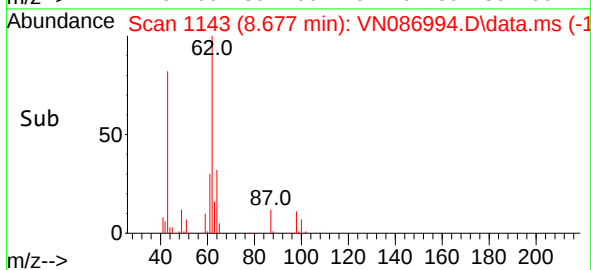
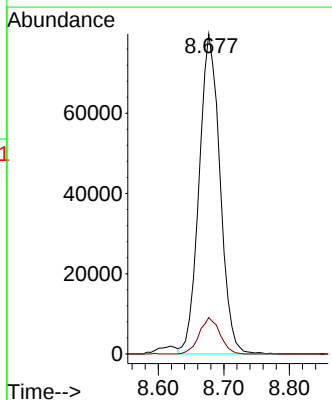
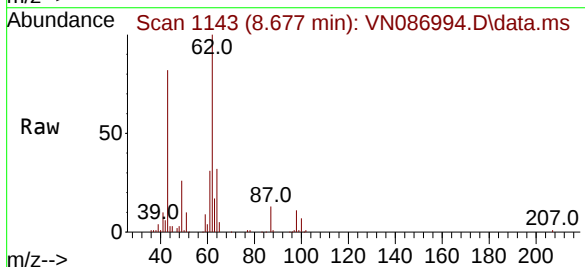
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

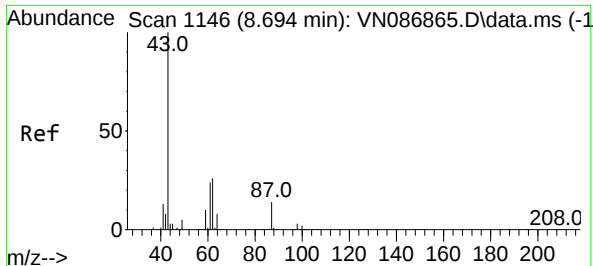
Tgt Ion:	41	Resp:	113644
Ion	Ratio	Lower	Upper
41	100		
39	53.3	41.2	61.8
67	93.7	61.4	92.2#
52	32.9	22.7	34.1



#42
1,2-Dichloroethane
Concen: 47.170 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN086994.D
Acq: 12 Jun 2025 21:33

Tgt Ion:	62	Resp:	176906
Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	21.2

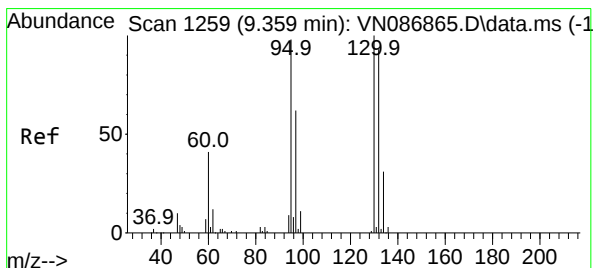
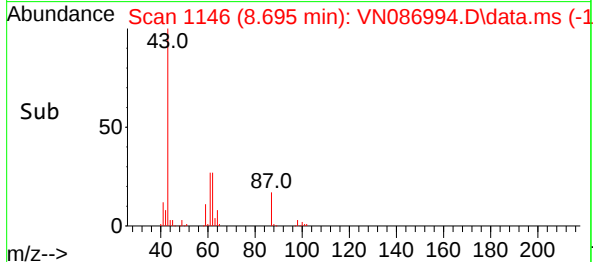
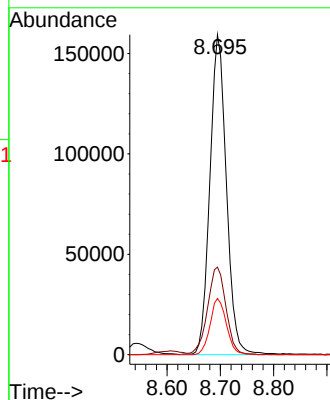
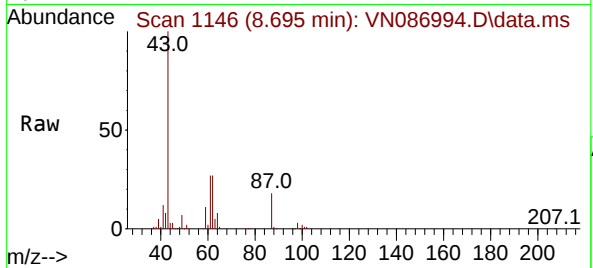




#43
Isopropyl Acetate
Concen: 44.433 ug/l
RT: 8.695 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN086994.D
Acq: 12 Jun 2025 21:33

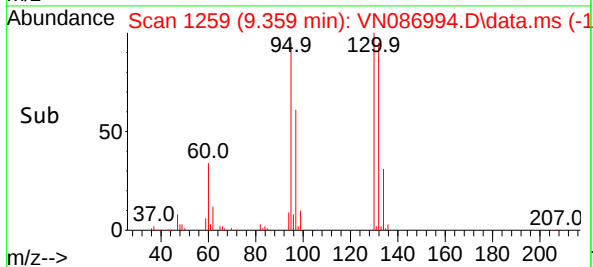
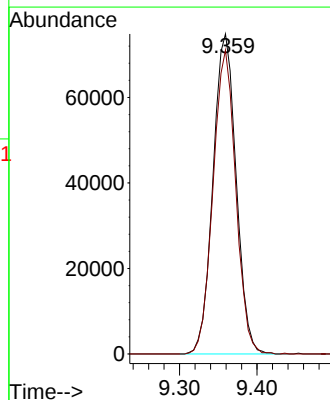
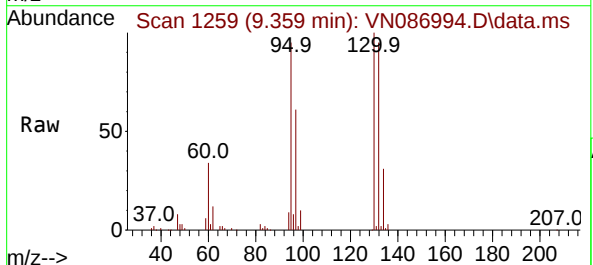
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

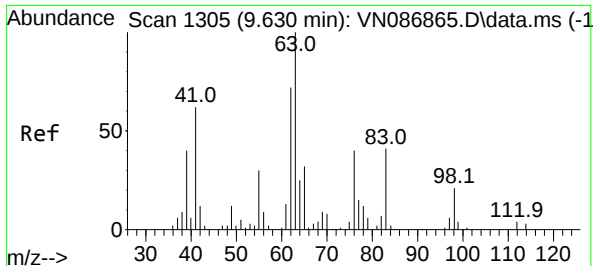
Tgt Ion: 43 Resp: 343279
Ion Ratio Lower Upper
43 100
61 30.4 22.1 33.1
87 17.3 11.8 17.6



#44
Trichloroethene
Concen: 52.958 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN086994.D
Acq: 12 Jun 2025 21:33

Tgt Ion:130 Resp: 155267
Ion Ratio Lower Upper
130 100
95 95.0 0.0 196.2





#45

1,2-Dichloropropane

Concen: 49.229 ug/l

RT: 9.624 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN086994.D

Acq: 12 Jun 2025 21:33

Instrument :

MSVOA_N

ClientSampleId :

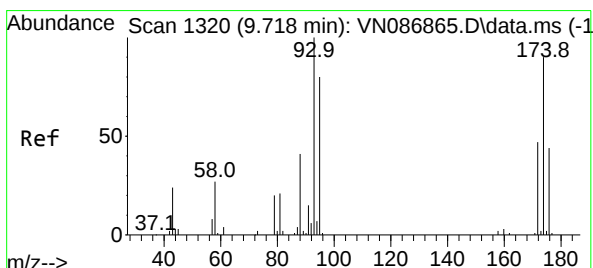
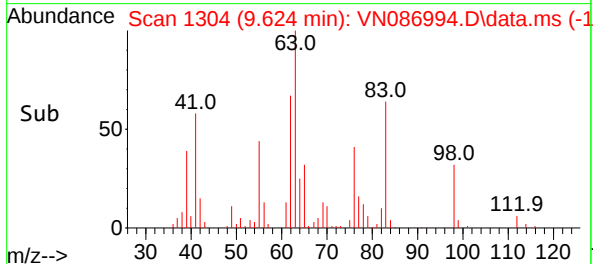
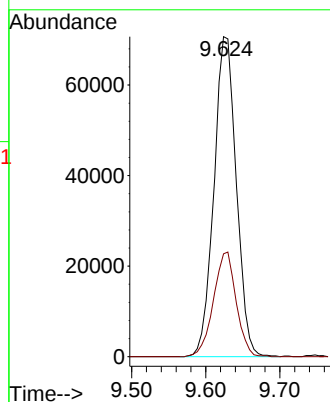
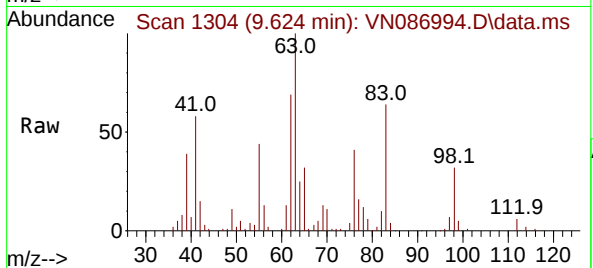
VSTDCCC050EC

Tgt Ion: 63 Resp: 148089

Ion Ratio Lower Upper

63 100

65 32.1 25.5 38.3



#46

Dibromomethane

Concen: 51.848 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.000 min

Lab File: VN086994.D

Acq: 12 Jun 2025 21:33

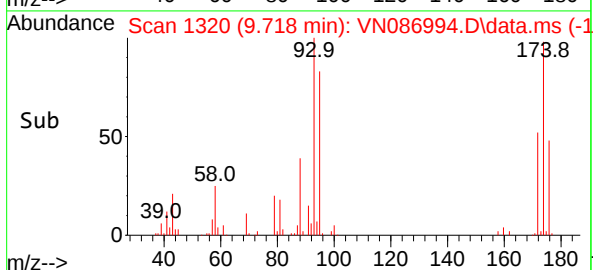
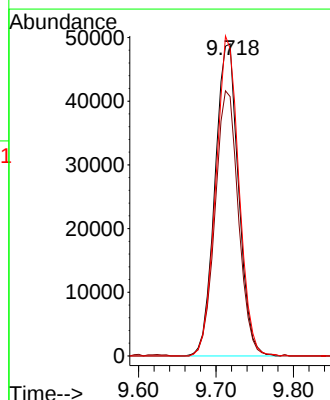
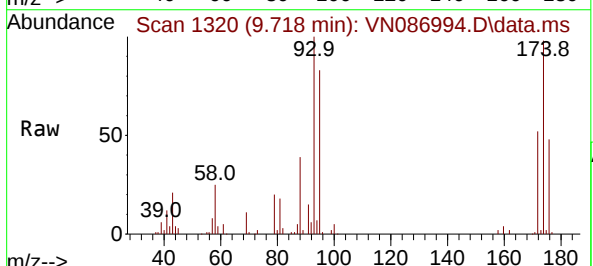
Tgt Ion: 93 Resp: 103596

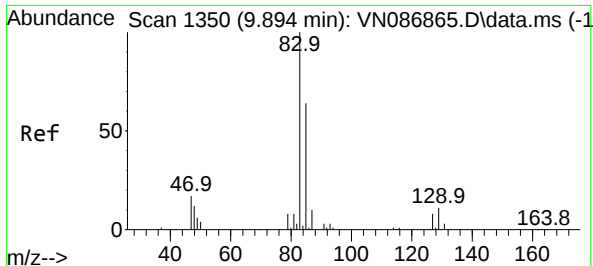
Ion Ratio Lower Upper

93 100

95 84.2 67.1 100.7

174 100.3 74.2 111.4

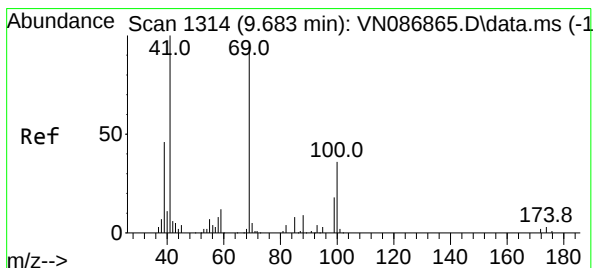
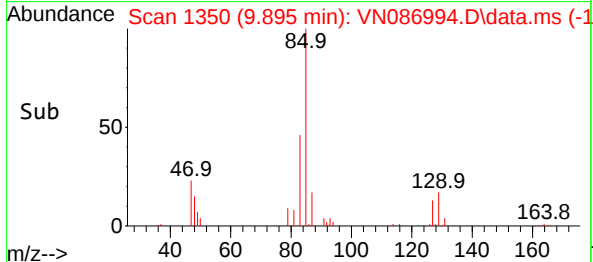
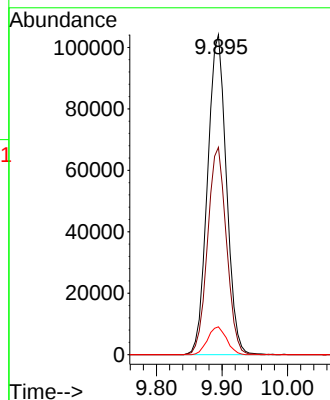
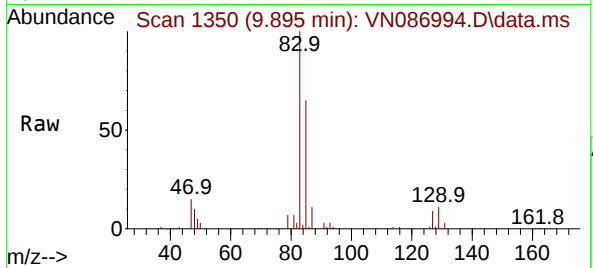




#47
Bromodichloromethane
Concen: 50.645 ug/l
RT: 9.895 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086994.D
Acq: 12 Jun 2025 21:33

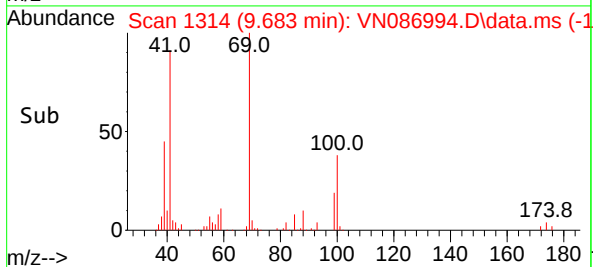
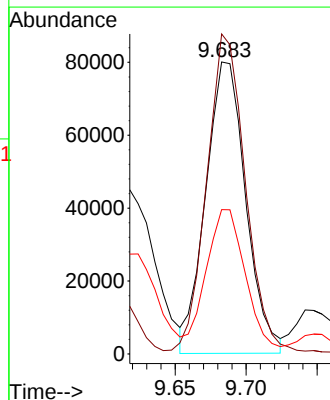
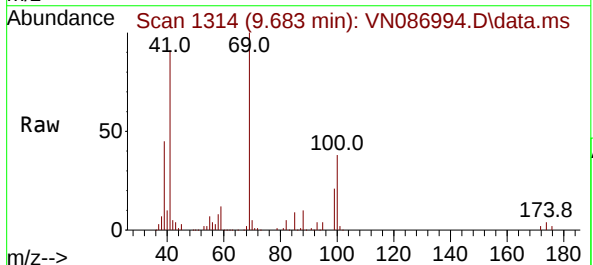
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

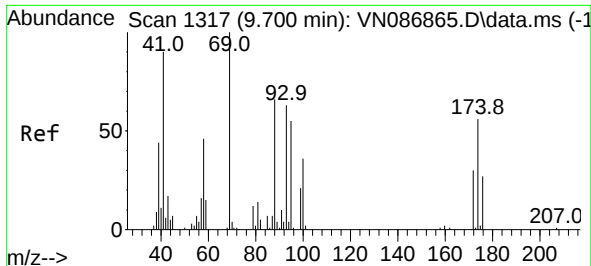
Tgt Ion: 83 Resp: 208200
Ion Ratio Lower Upper
83 100
85 64.8 50.9 76.3
127 8.7 6.6 10.0



#48
Methyl methacrylate
Concen: 44.026 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN086994.D
Acq: 12 Jun 2025 21:33

Tgt Ion: 41 Resp: 156552
Ion Ratio Lower Upper
41 100
69 106.6 74.6 112.0
39 49.5 40.2 60.4





#49

1,4-Dioxane

Concen: 1110.449 ug/l

RT: 9.706 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN086994.D

Acq: 12 Jun 2025 21:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

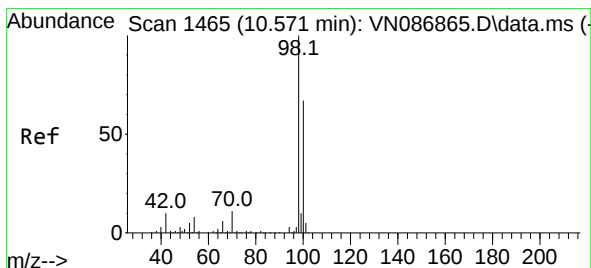
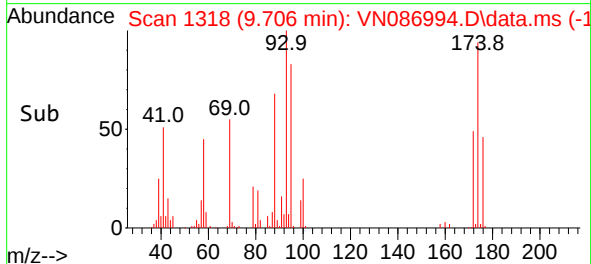
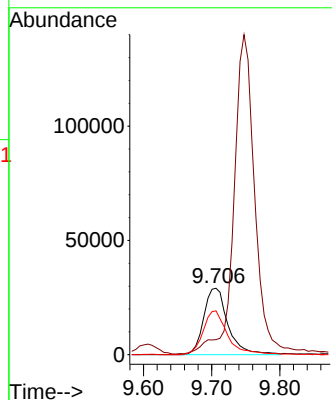
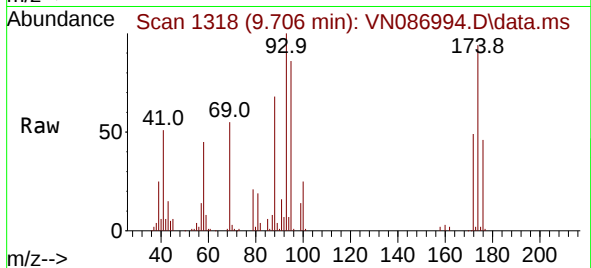
Tgt Ion: 88 Resp: 71834

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 66.6 57.7 86.5



#50

Toluene-d8

Concen: 46.950 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN086994.D

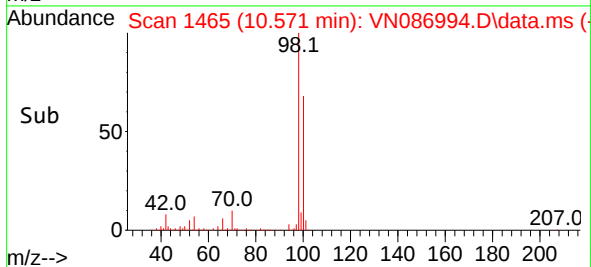
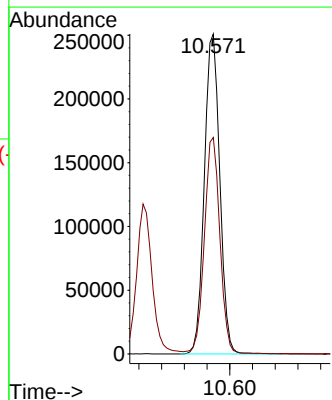
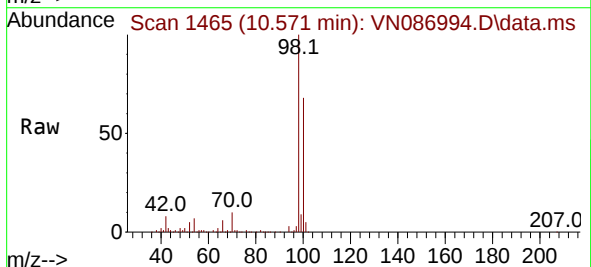
Acq: 12 Jun 2025 21:33

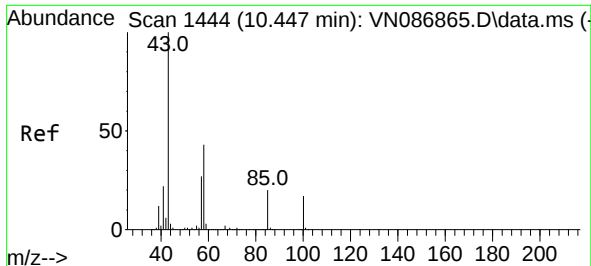
Tgt Ion: 98 Resp: 471635

Ion Ratio Lower Upper

98 100

100 68.1 53.4 80.0

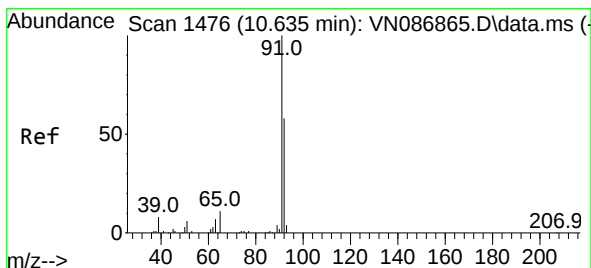
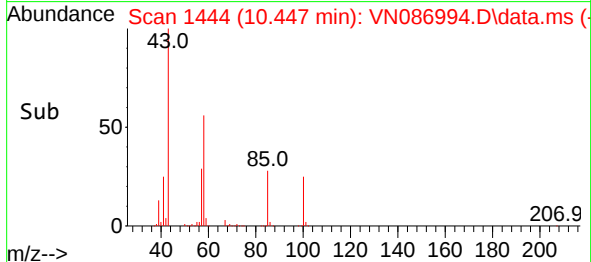
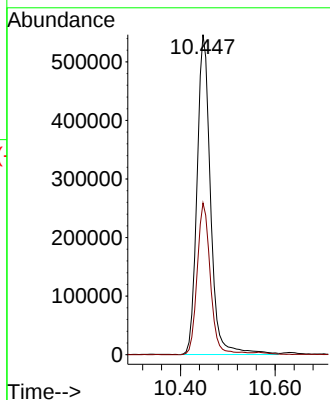
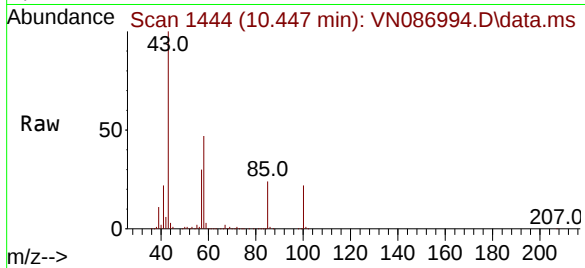




#51
4-Methyl-2-Pentanone
Concen: 232.766 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN086994.D
Acq: 12 Jun 2025 21:33

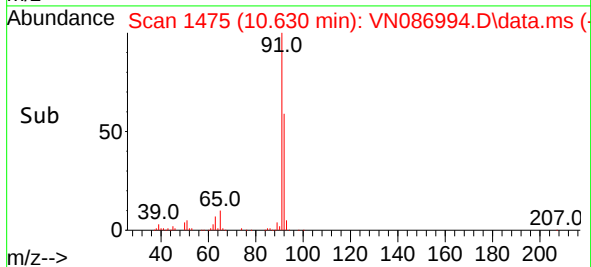
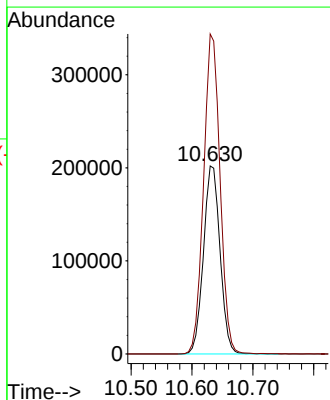
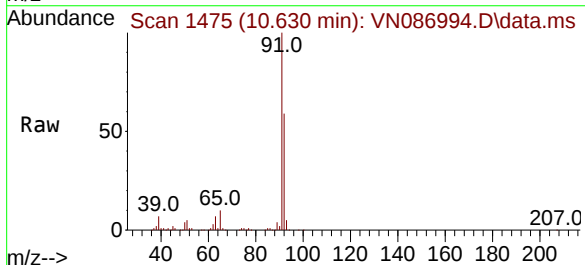
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

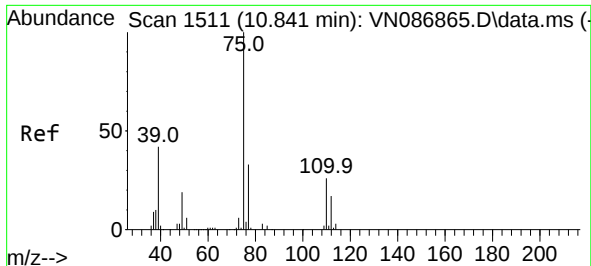
Tgt Ion: 43 Resp: 1082584
Ion Ratio Lower Upper
43 100
58 46.6 34.2 51.4



#52
Toluene
Concen: 50.538 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN086994.D
Acq: 12 Jun 2025 21:33

Tgt Ion: 92 Resp: 381890
Ion Ratio Lower Upper
92 100
91 168.7 136.5 204.7

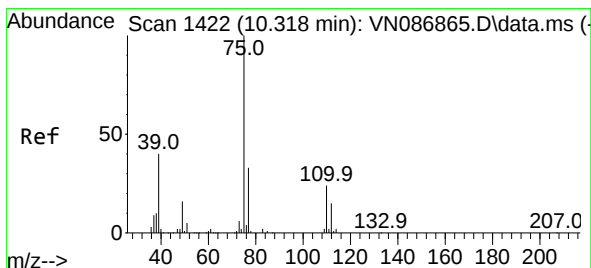
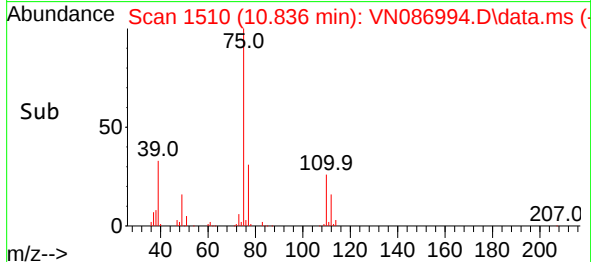
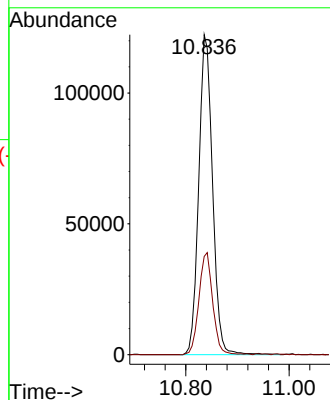
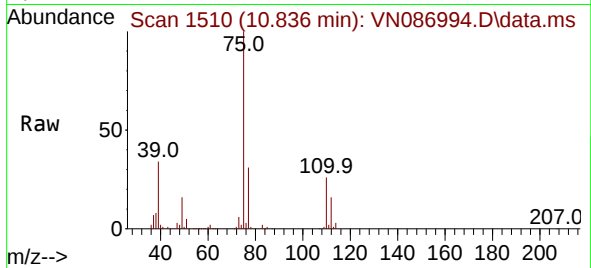




#53
t-1,3-Dichloropropene
Concen: 49.275 ug/l
RT: 10.836 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VN086994.D
Acq: 12 Jun 2025 21:33

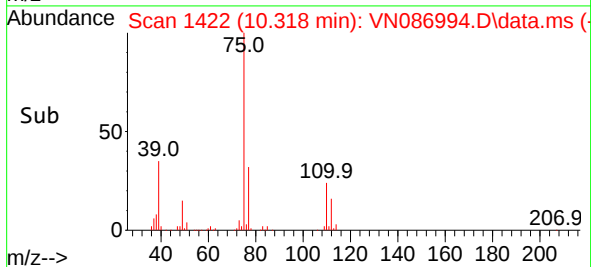
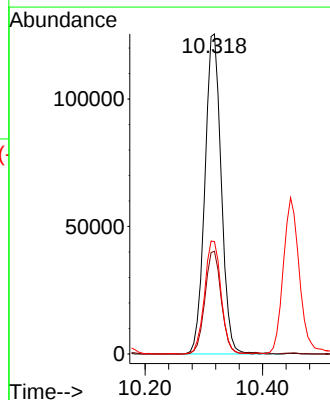
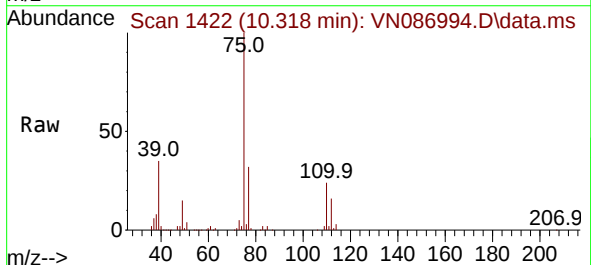
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

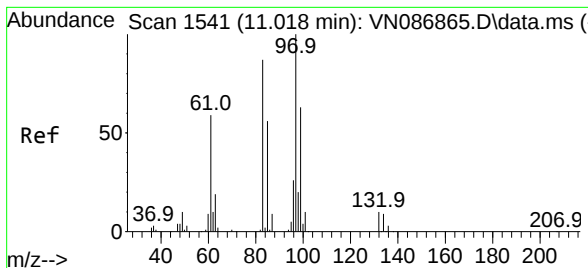
Tgt Ion: 75 Resp: 226512
Ion Ratio Lower Upper
75 100
77 30.7 26.4 39.6



#54
cis-1,3-Dichloropropene
Concen: 49.318 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN086994.D
Acq: 12 Jun 2025 21:33

Tgt Ion: 75 Resp: 242573
Ion Ratio Lower Upper
75 100
77 32.1 26.2 39.4
39 35.1 32.3 48.5





#55

1,1,2-Trichloroethane

Concen: 51.953 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN086994.D

Acq: 12 Jun 2025 21:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 151057

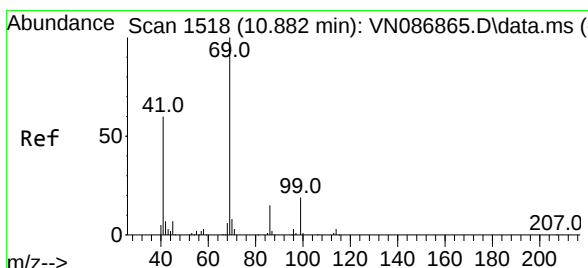
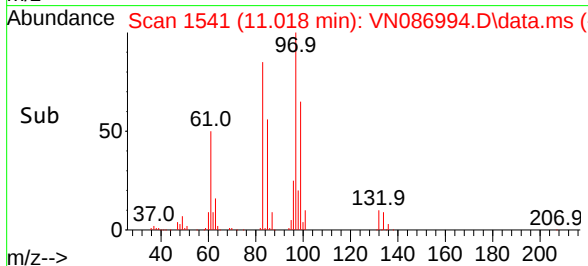
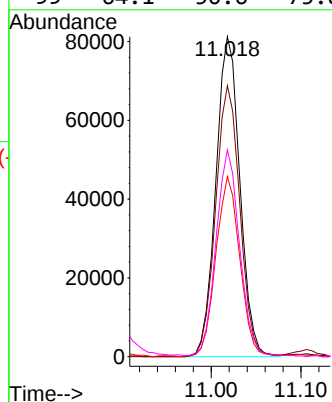
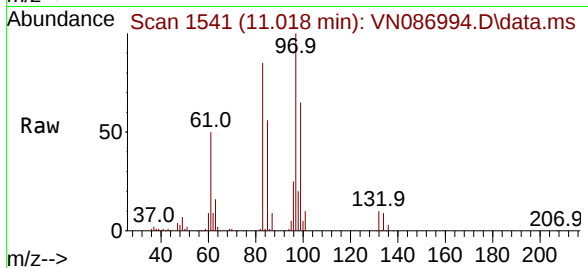
Ion Ratio Lower Upper

97 100

83 84.7 69.7 104.5

85 56.3 45.1 67.7

99 64.1 50.6 75.8



#56

Ethyl methacrylate

Concen: 54.703 ug/l

RT: 10.883 min Scan# 1518

Delta R.T. 0.000 min

Lab File: VN086994.D

Acq: 12 Jun 2025 21:33

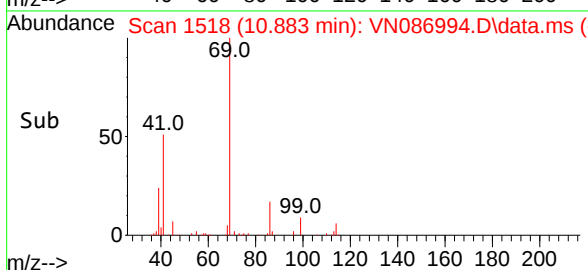
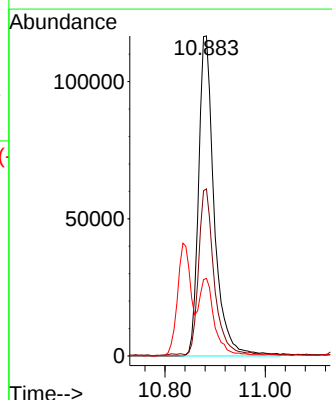
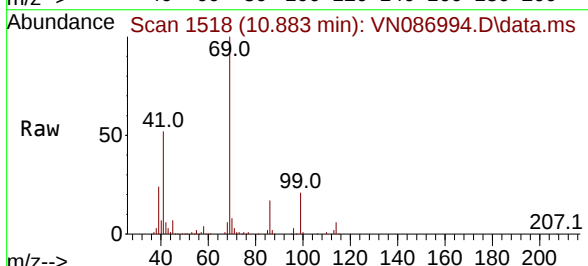
Tgt Ion: 69 Resp: 253332

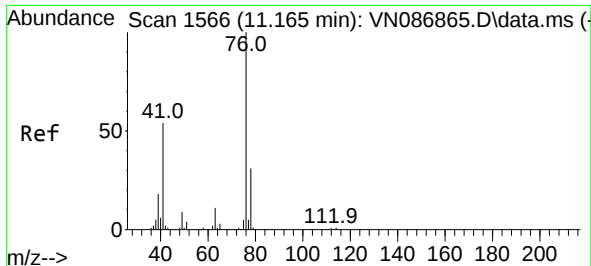
Ion Ratio Lower Upper

69 100

41 51.1 47.2 70.8

39 23.4 23.0 34.6





#57

1,3-Dichloropropane

Concen: 50.228 ug/l

RT: 11.165 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN086994.D

Acq: 12 Jun 2025 21:33

Instrument :

MSVOA_N

ClientSampleId :

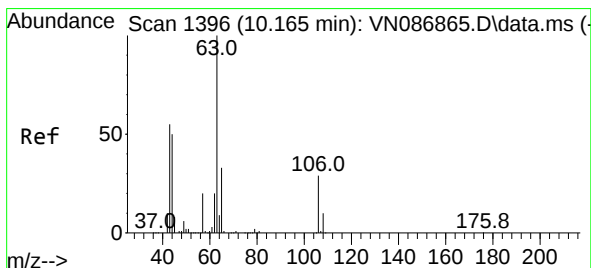
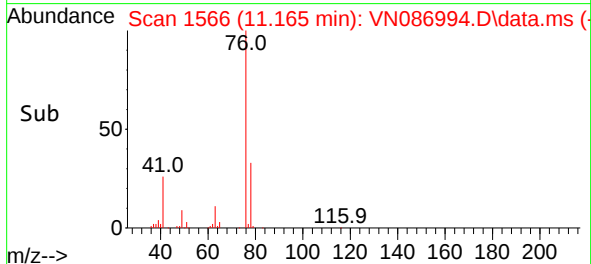
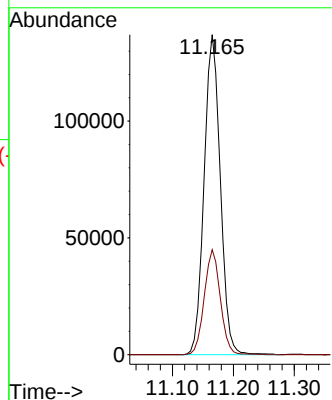
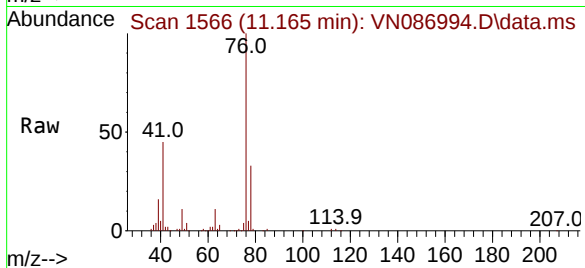
VSTDCCC050EC

Tgt Ion: 76 Resp: 253339

Ion Ratio Lower Upper

76 100

78 32.6 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 228.062 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN086994.D

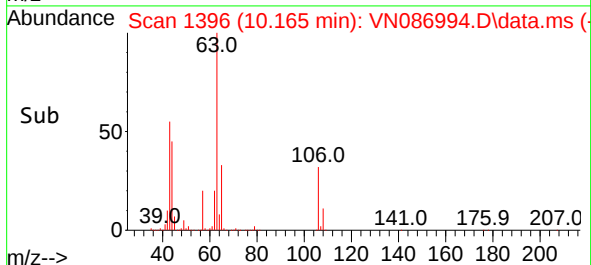
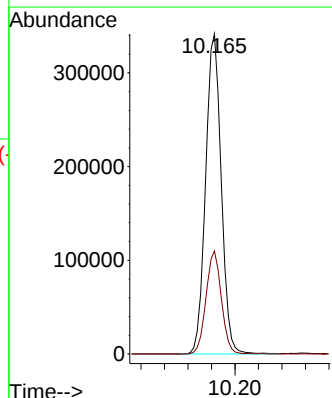
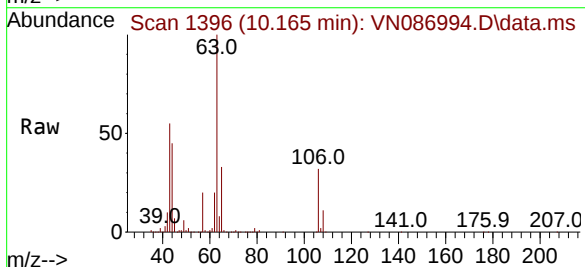
Acq: 12 Jun 2025 21:33

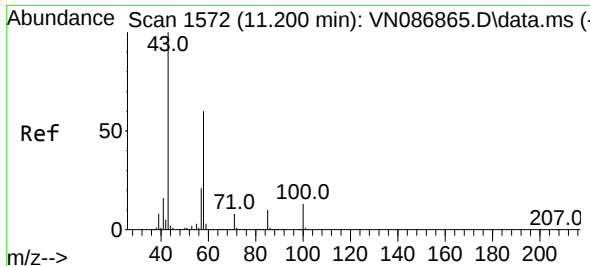
Tgt Ion: 63 Resp: 629952

Ion Ratio Lower Upper

63 100

106 31.5 23.0 34.6

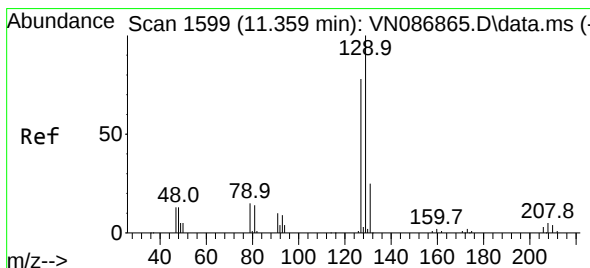
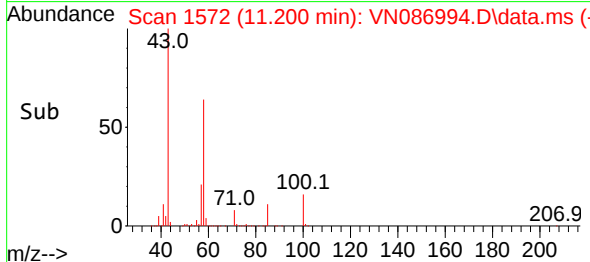
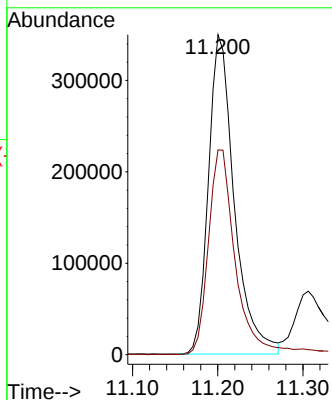
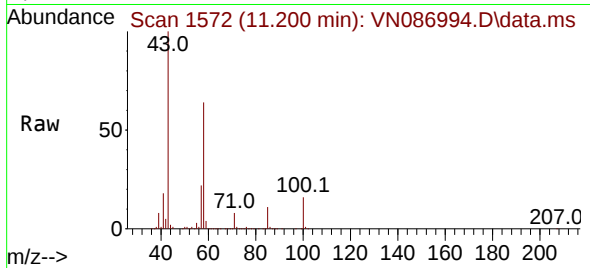




#59
2-Hexanone
Concen: 245.798 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN086994.D
Acq: 12 Jun 2025 21:33

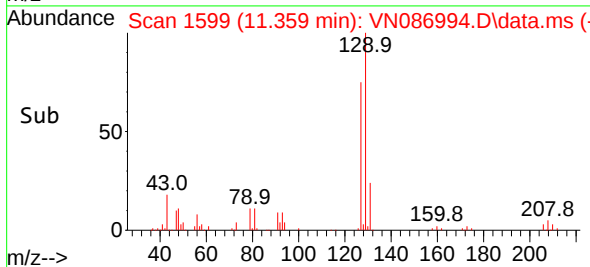
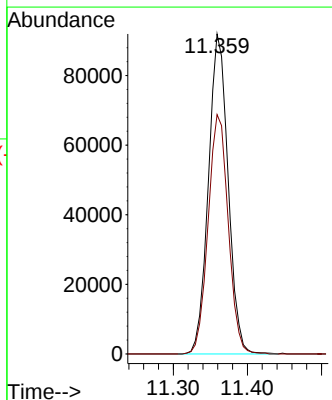
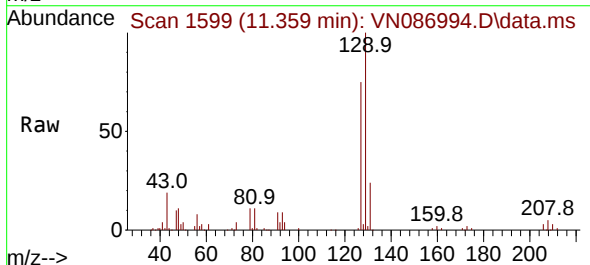
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

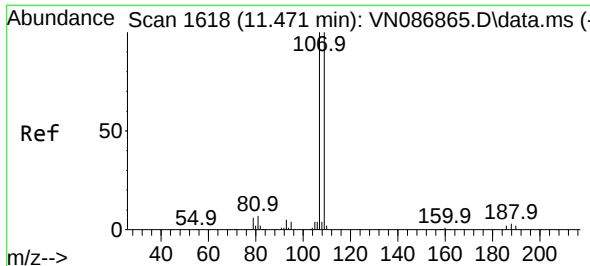
Tgt Ion: 43 Resp: 736370
Ion Ratio Lower Upper
43 100
58 68.8 30.4 91.3



#60
Dibromochloromethane
Concen: 55.950 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN086994.D
Acq: 12 Jun 2025 21:33

Tgt Ion: 129 Resp: 169493
Ion Ratio Lower Upper
129 100
127 76.6 38.6 115.8

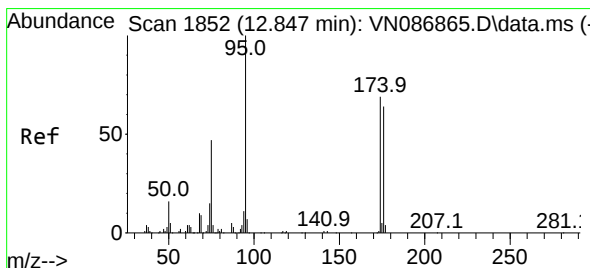
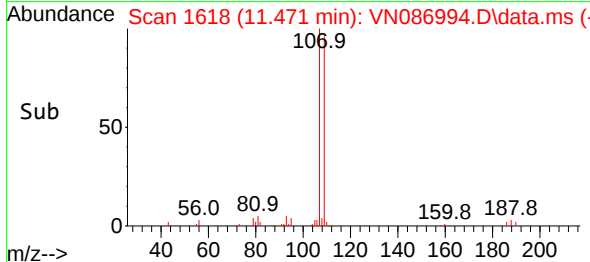
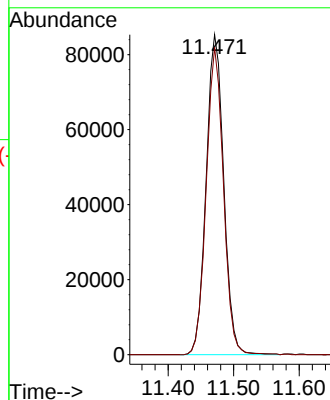
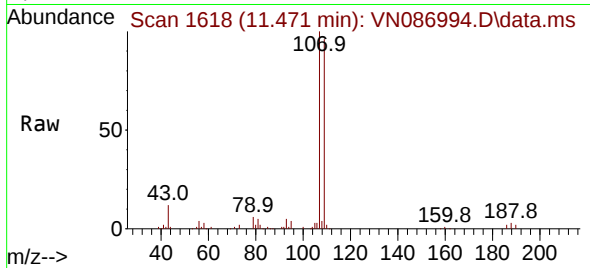




#61
1,2-Dibromoethane
Concen: 53.375 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN086994.D
Acq: 12 Jun 2025 21:33

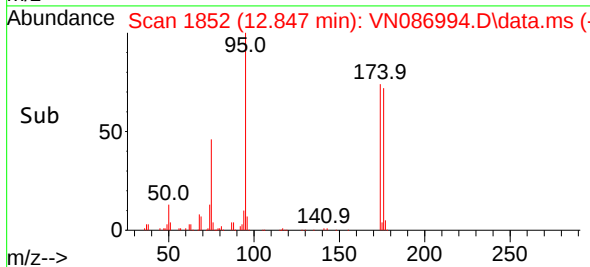
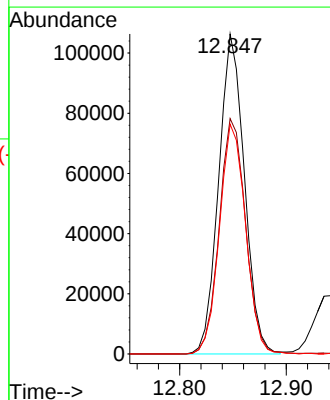
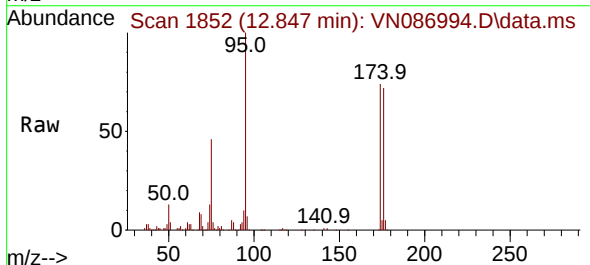
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

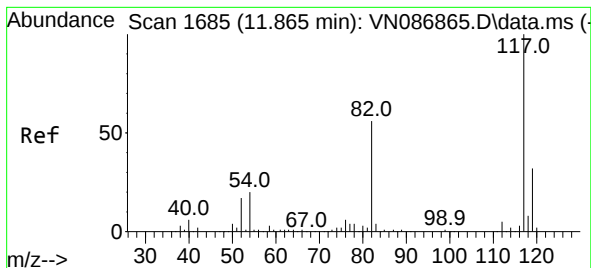
Tgt Ion:107 Resp: 159068
Ion Ratio Lower Upper
107 100
109 94.1 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 47.694 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086994.D
Acq: 12 Jun 2025 21:33

Tgt Ion: 95 Resp: 178006
Ion Ratio Lower Upper
95 100
174 75.6 0.0 141.8
176 73.0 0.0 132.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN086994.D

Acq: 12 Jun 2025 21:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

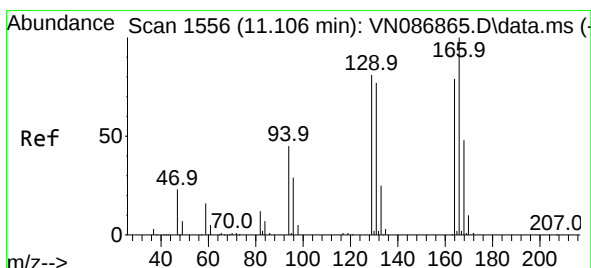
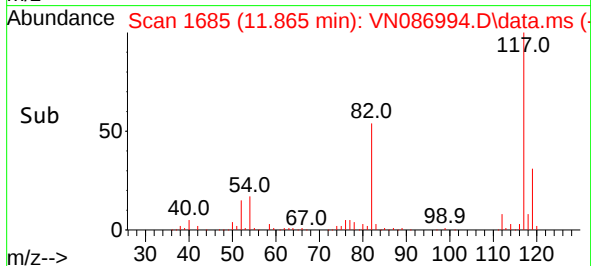
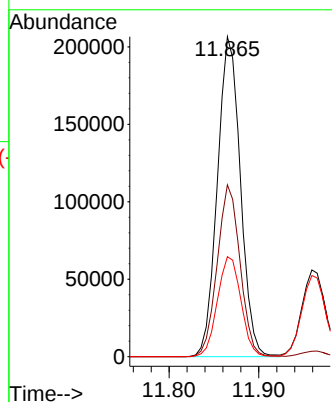
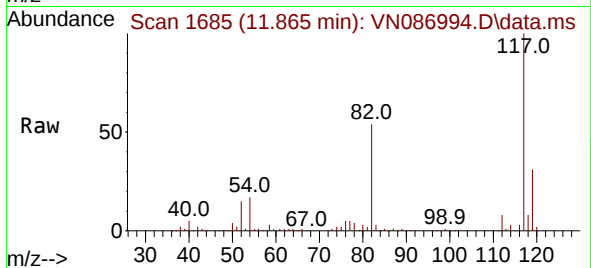
Tgt Ion:117 Resp: 368539

Ion Ratio Lower Upper

117 100

82 53.7 44.6 67.0

119 31.2 25.5 38.3



#64

Tetrachloroethene

Concen: 52.647 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VN086994.D

Acq: 12 Jun 2025 21:33

Tgt Ion:164 Resp: 122791

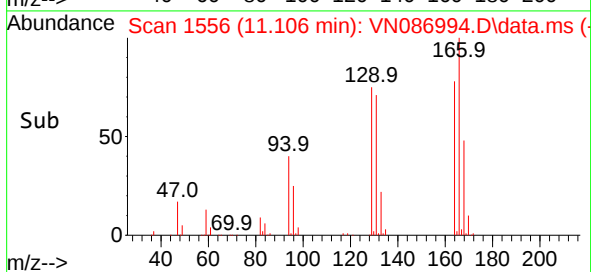
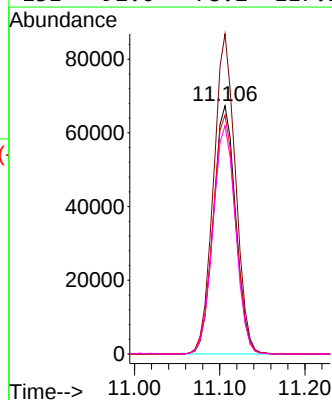
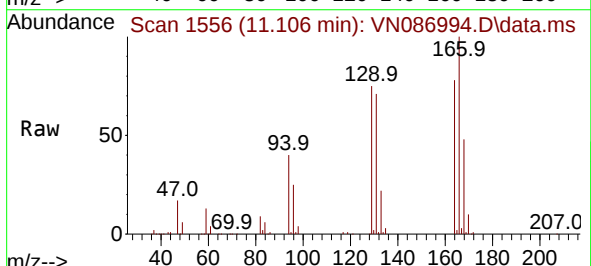
Ion Ratio Lower Upper

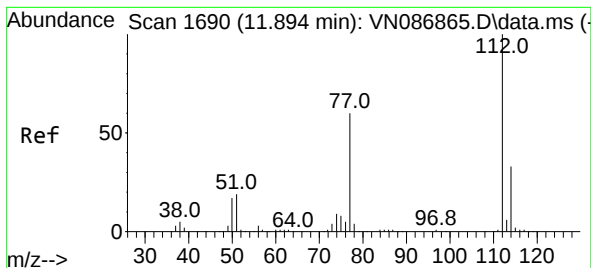
164 100

166 128.9 101.8 152.8

129 96.2 83.0 124.4

131 92.0 78.2 117.2





#65

Chlorobenzene

Concen: 53.277 ug/l

RT: 11.894 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN086994.D

Acq: 12 Jun 2025 21:33

Instrument :

MSVOA_N

ClientSampleId :

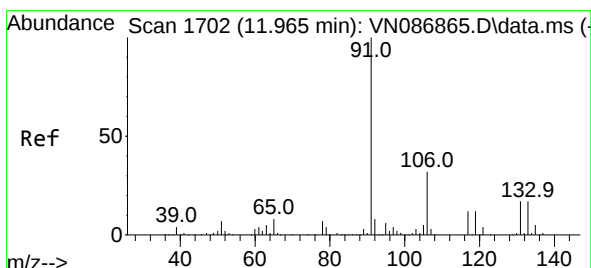
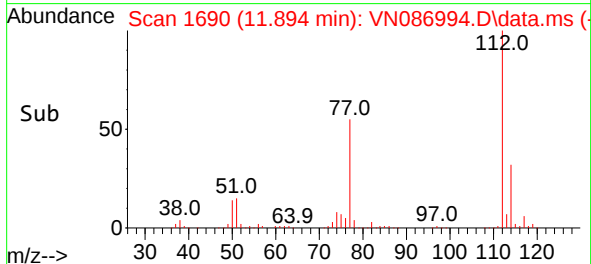
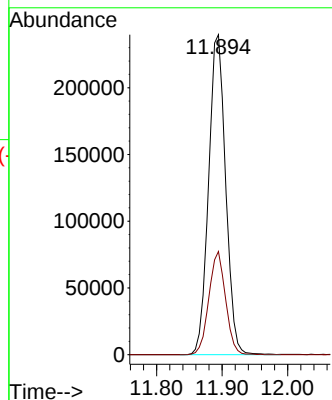
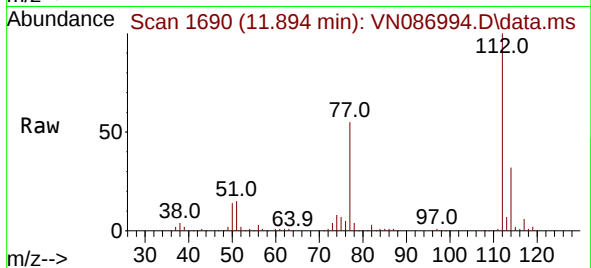
VSTDCCC050EC

Tgt Ion:112 Resp: 433044

Ion Ratio Lower Upper

112 100

114 32.3 26.2 39.2



#66

1,1,1,2-Tetrachloroethane

Concen: 55.315 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.006 min

Lab File: VN086994.D

Acq: 12 Jun 2025 21:33

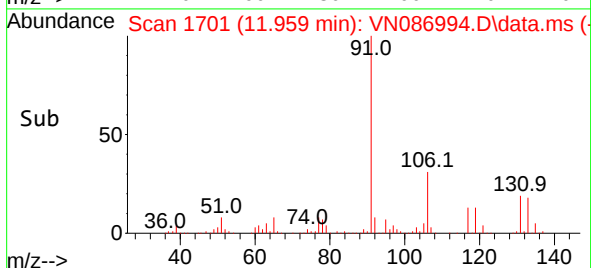
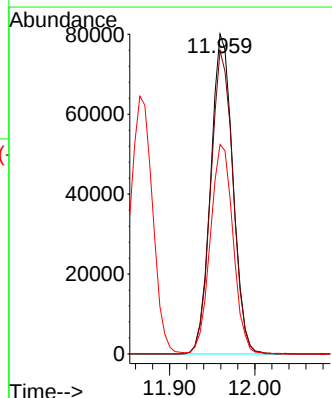
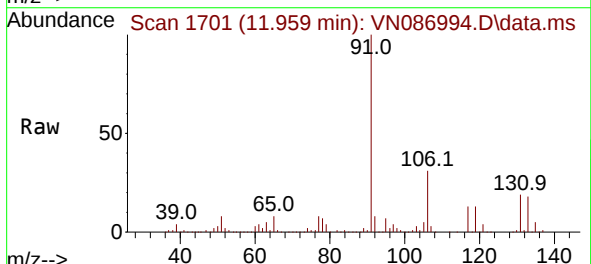
Tgt Ion:131 Resp: 144529

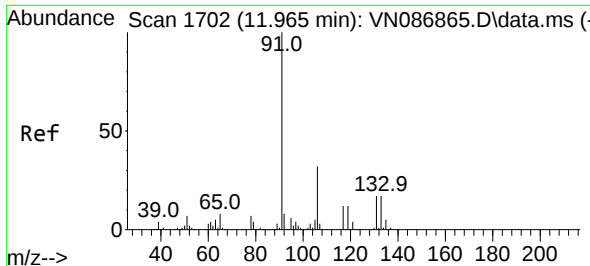
Ion Ratio Lower Upper

131 100

133 95.4 48.3 144.8

119 67.2 34.0 101.8





#67

Ethyl Benzene

Concen: 54.779 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VN086994.D

Acq: 12 Jun 2025 21:33

Instrument :

MSVOA_N

ClientSampleId :

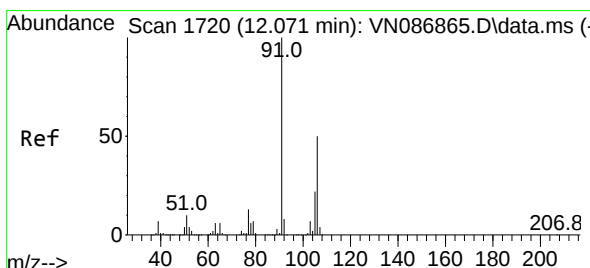
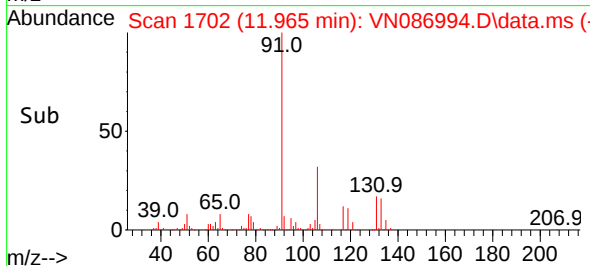
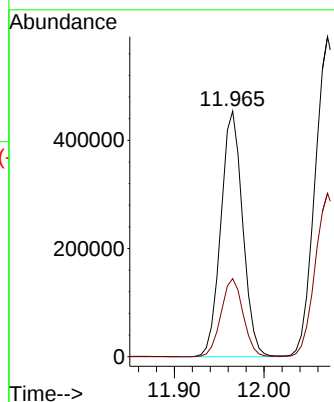
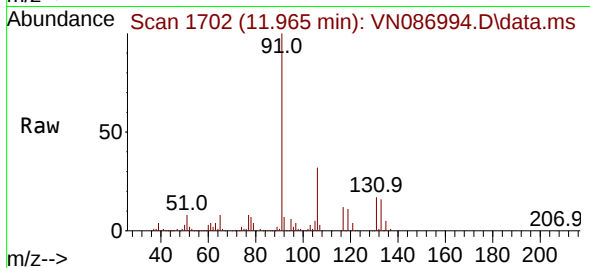
VSTDCCC050EC

Tgt Ion: 91 Resp: 766954

Ion Ratio Lower Upper

91 100

106 31.8 25.4 38.2



#68

m/p-Xylenes

Concen: 111.114 ug/l

RT: 12.071 min Scan# 1720

Delta R.T. 0.000 min

Lab File: VN086994.D

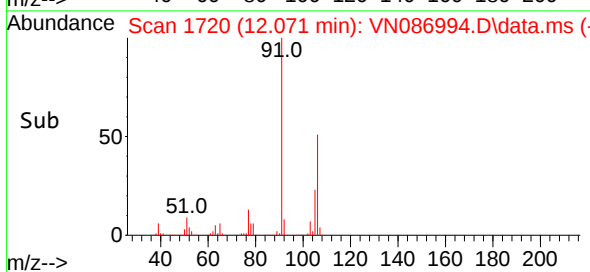
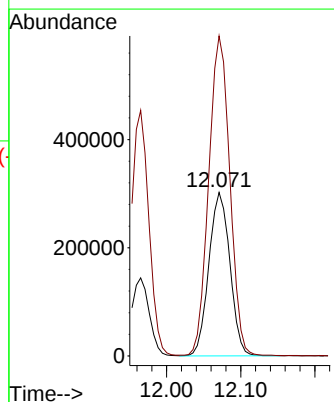
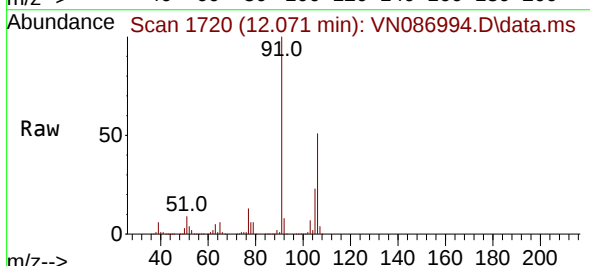
Acq: 12 Jun 2025 21:33

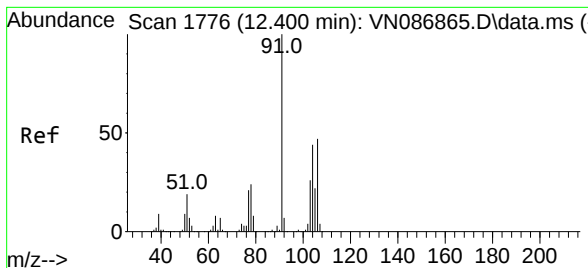
Tgt Ion: 106 Resp: 595516

Ion Ratio Lower Upper

106 100

91 196.3 159.4 239.0





#69

o-Xylene

Concen: 54.510 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VN086994.D

Acq: 12 Jun 2025 21:33

Instrument :

MSVOA_N

ClientSampleId :

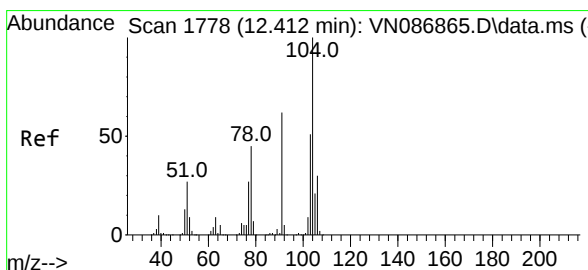
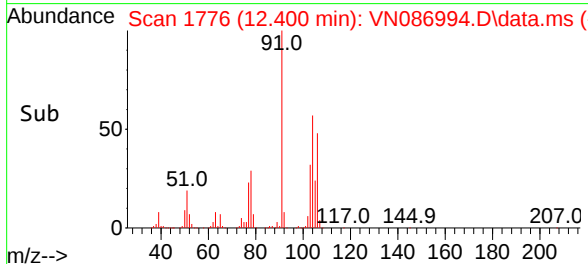
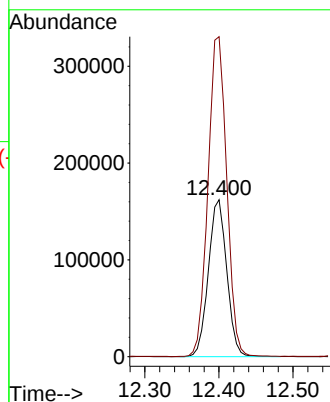
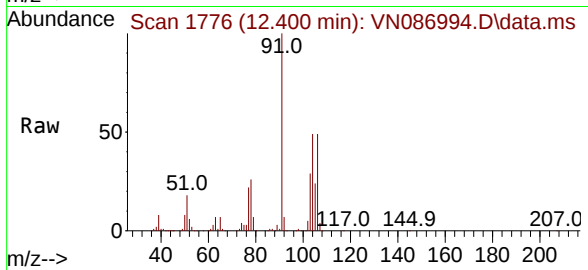
VSTDCCC050EC

Tgt Ion:106 Resp: 279799

Ion Ratio Lower Upper

106 100

91 207.9 106.1 318.1



#70

Styrene

Concen: 54.004 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN086994.D

Acq: 12 Jun 2025 21:33

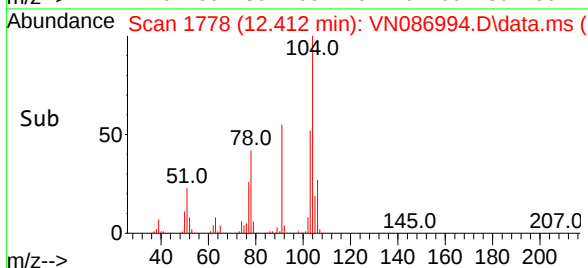
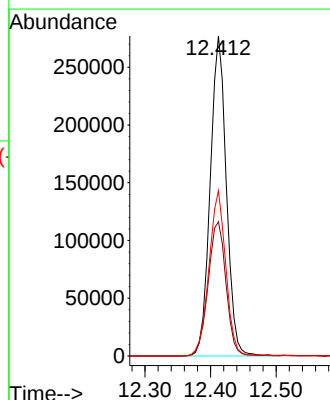
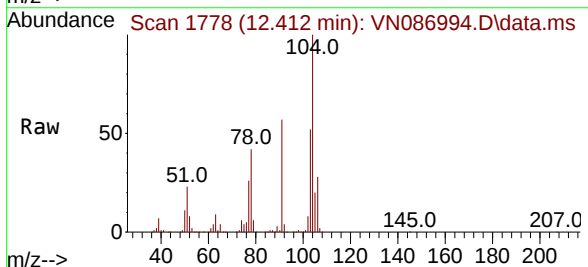
Tgt Ion:104 Resp: 474343

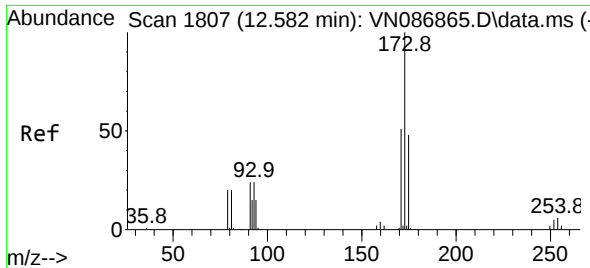
Ion Ratio Lower Upper

104 100

78 46.4 38.5 57.7

103 54.0 43.1 64.7

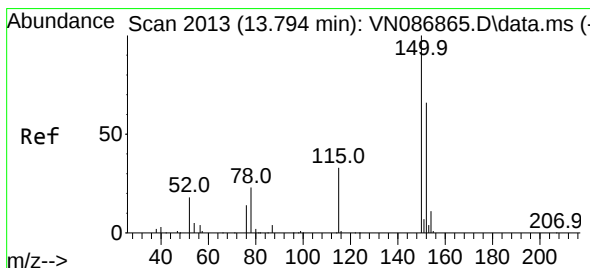
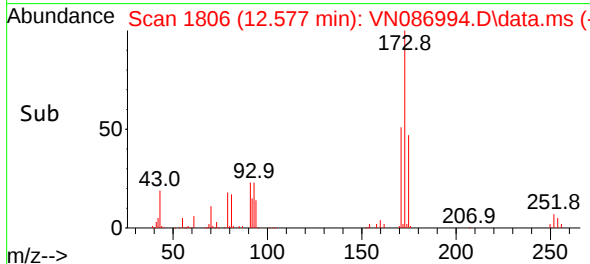
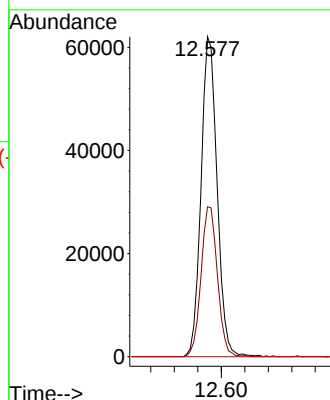
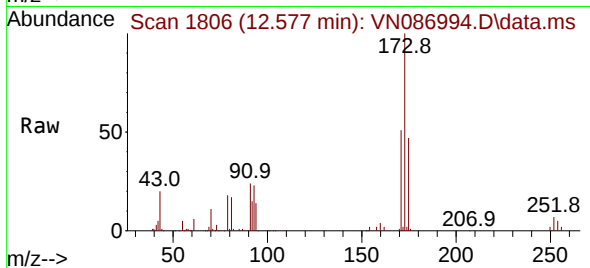




#71
Bromoform
Concen: 60.673 ug/l
RT: 12.577 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN086994.D
Acq: 12 Jun 2025 21:33

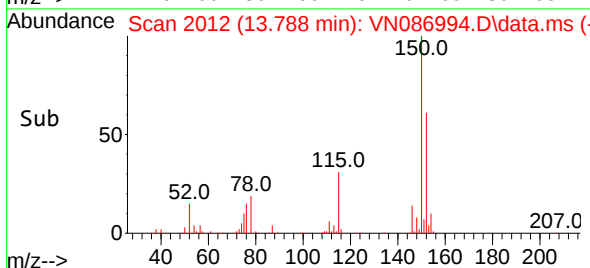
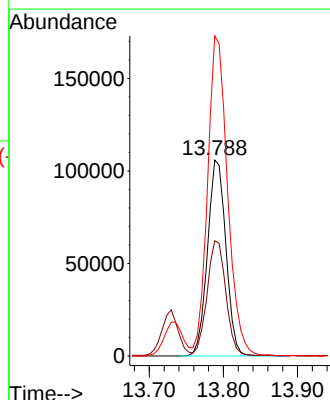
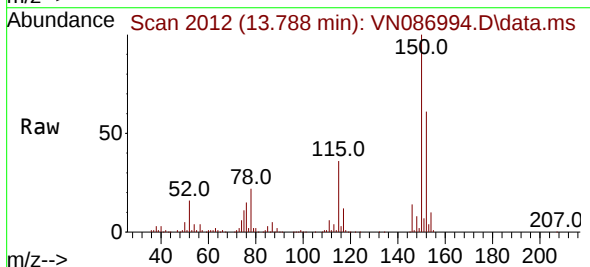
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

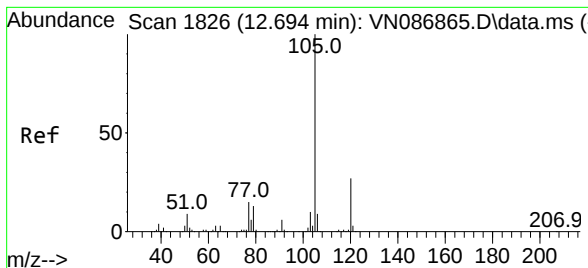
Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.7	24.1	72.4
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN086994.D
Acq: 12 Jun 2025 21:33

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.1	30.1	90.5
150	176.5	0.0	345.0





#73

Isopropylbenzene

Concen: 51.291 ug/l

RT: 12.694 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN086994.D

Acq: 12 Jun 2025 21:33

Instrument :

MSVOA_N

ClientSampleId :

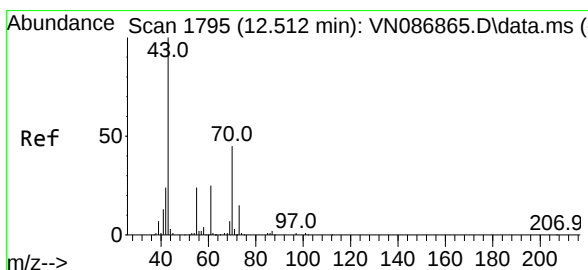
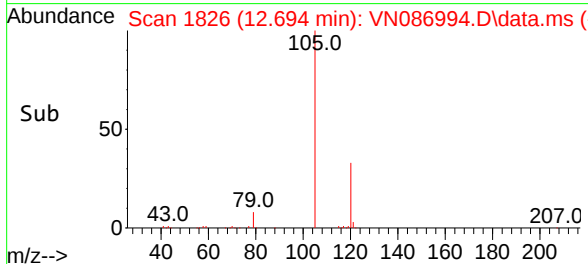
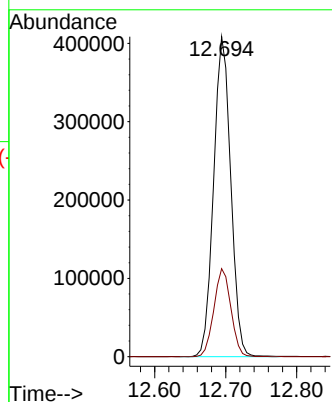
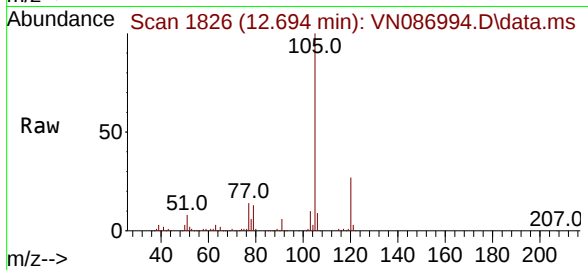
VSTDCCC050EC

Tgt Ion:105 Resp: 683122

Ion Ratio Lower Upper

105 100

120 27.2 13.5 40.4



#74

N-ethyl acetate

Concen: 45.184 ug/l

RT: 12.512 min Scan# 1795

Delta R.T. 0.000 min

Lab File: VN086994.D

Acq: 12 Jun 2025 21:33

Tgt Ion: 43 Resp: 210288

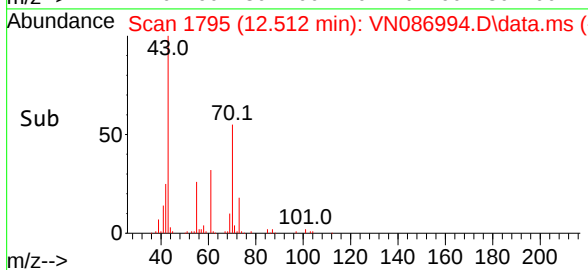
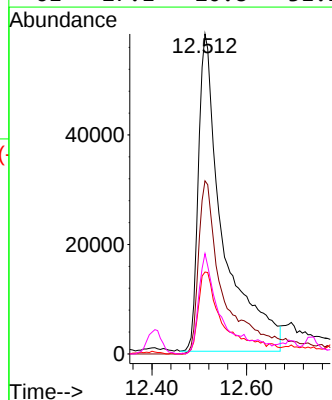
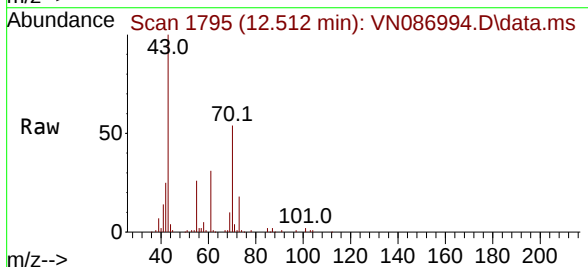
Ion Ratio Lower Upper

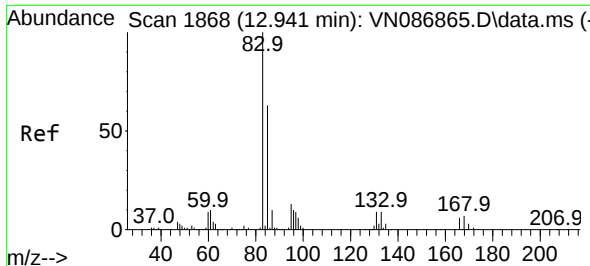
43 100

70 57.9 37.6 56.4#

55 25.8 19.0 28.6

61 27.1 20.8 31.2

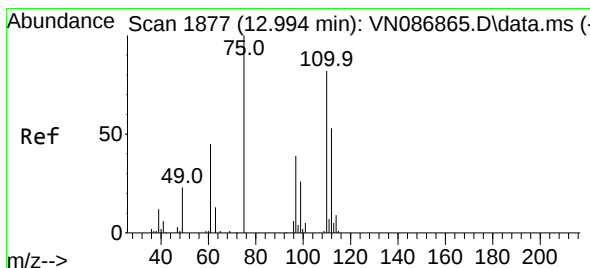
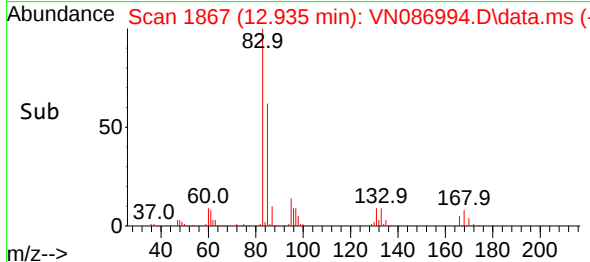
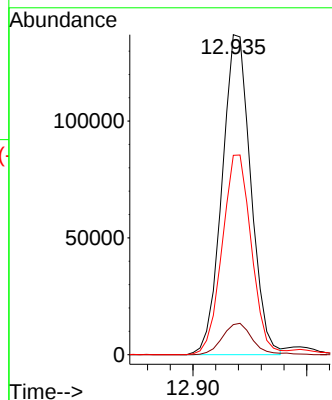
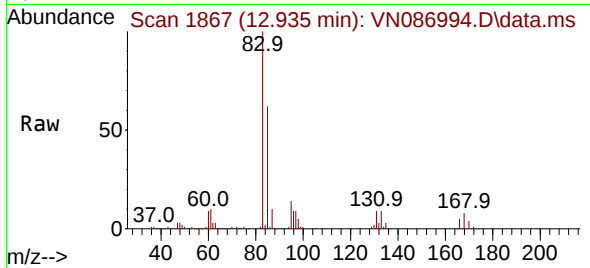




#75
1,1,2,2-Tetrachloroethane
Concen: 53.289 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN086994.D
Acq: 12 Jun 2025 21:33

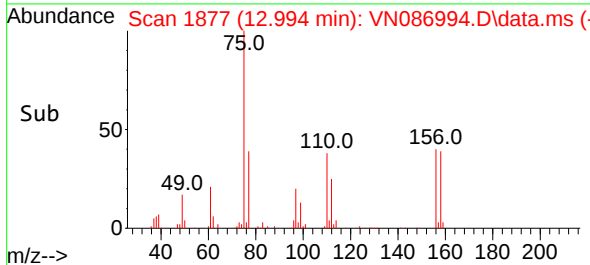
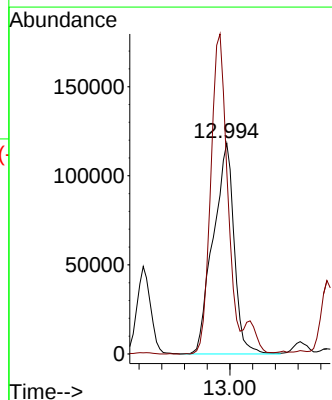
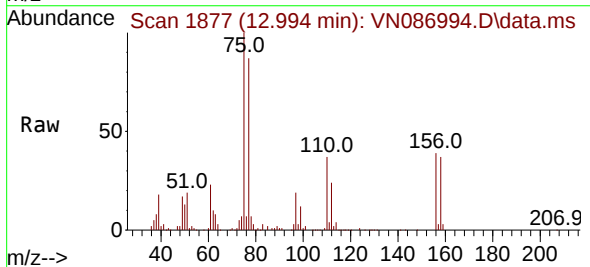
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

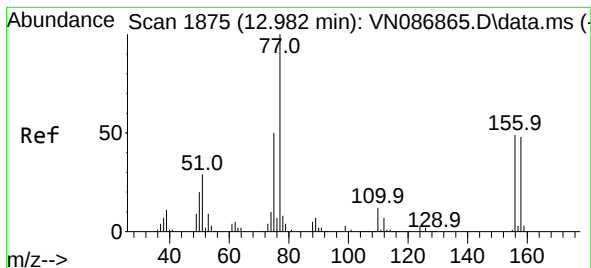
Tgt Ion: 83 Resp: 240443
Ion Ratio Lower Upper
83 100
131 10.3 4.9 14.7
85 63.7 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 69.775 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN086994.D
Acq: 12 Jun 2025 21:33

Tgt Ion: 75 Resp: 303221
Ion Ratio Lower Upper
75 100
77 120.0 79.3 237.9





#77

Bromobenzene

Concen: 56.084 ug/l

RT: 12.977 min Scan# 1874

Delta R.T. -0.006 min

Lab File: VN086994.D

Acq: 12 Jun 2025 21:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

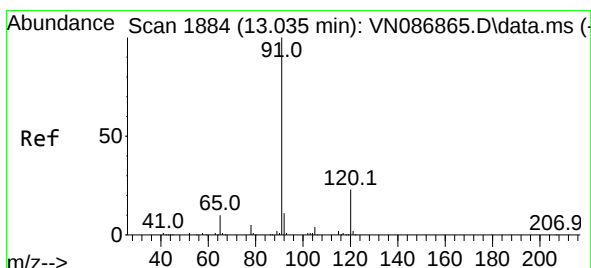
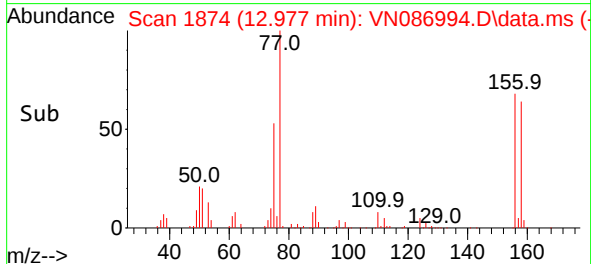
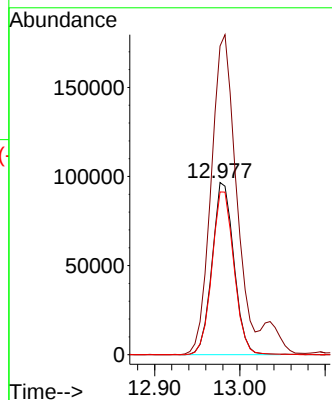
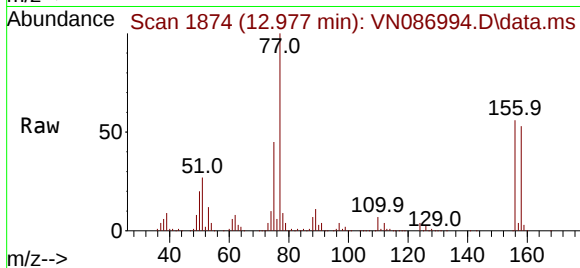
Tgt Ion:156 Resp: 171304

Ion Ratio Lower Upper

156 100

77 212.4 117.7 353.1

158 96.0 48.1 144.4



#78

n-propylbenzene

Concen: 49.731 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN086994.D

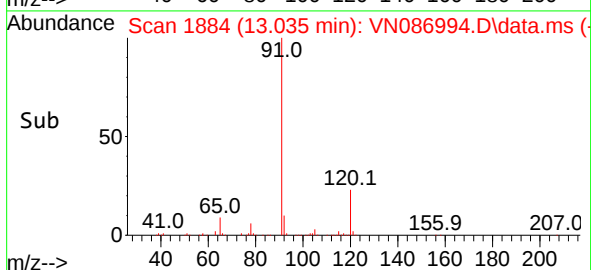
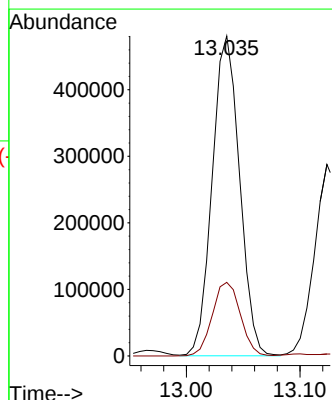
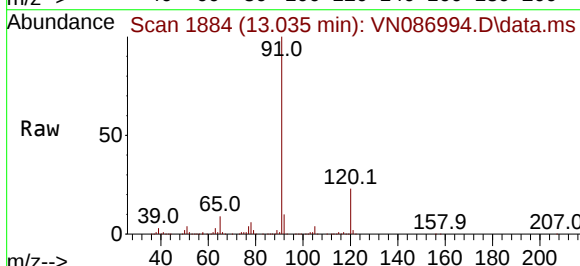
Acq: 12 Jun 2025 21:33

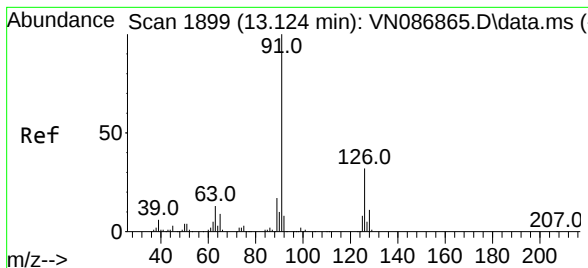
Tgt Ion: 91 Resp: 804916

Ion Ratio Lower Upper

91 100

120 23.6 11.4 34.2

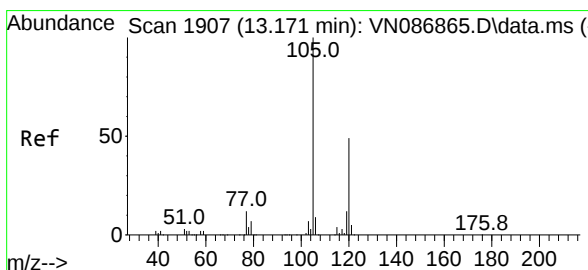
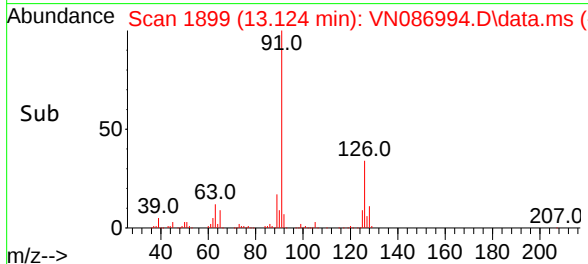
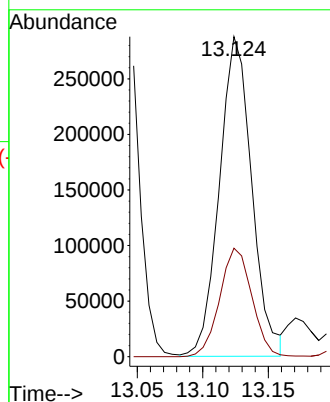
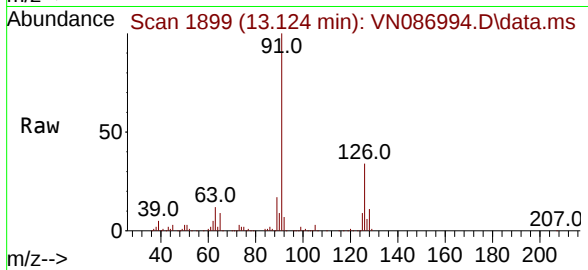




#79
2-Chlorotoluene
Concen: 50.886 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN086994.D
Acq: 12 Jun 2025 21:33

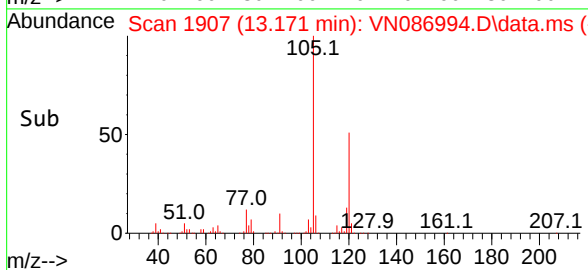
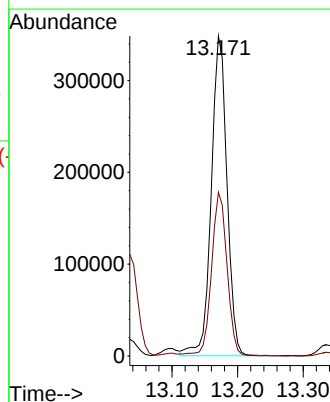
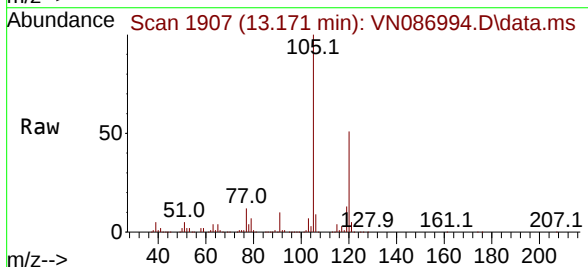
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

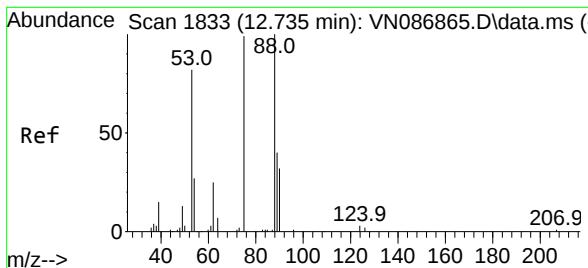
Tgt Ion: 91 Resp: 493936
Ion Ratio Lower Upper
91 100
126 33.7 16.2 48.5



#80
1,3,5-Trimethylbenzene
Concen: 52.783 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086994.D
Acq: 12 Jun 2025 21:33

Tgt Ion: 105 Resp: 580402
Ion Ratio Lower Upper
105 100
120 50.6 24.9 74.6

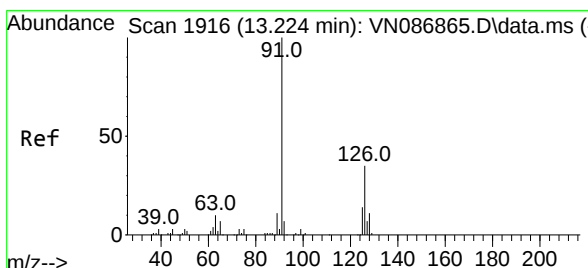
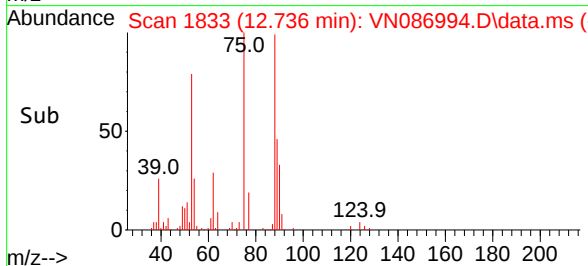
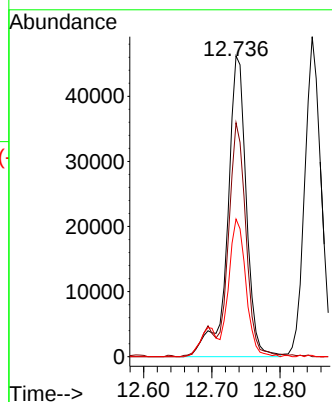
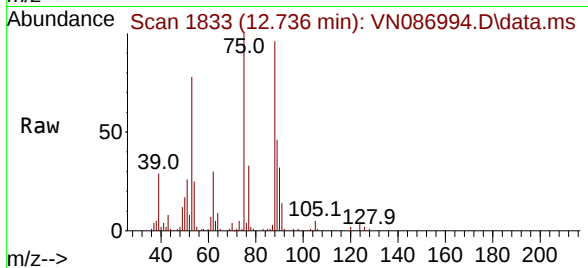




#81
trans-1,4-Dichloro-2-butene
Concen: 47.048 ug/l
RT: 12.736 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN086994.D
Acq: 12 Jun 2025 21:33

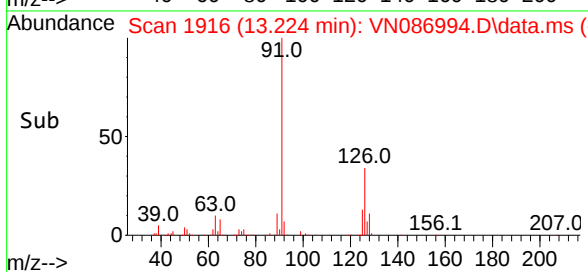
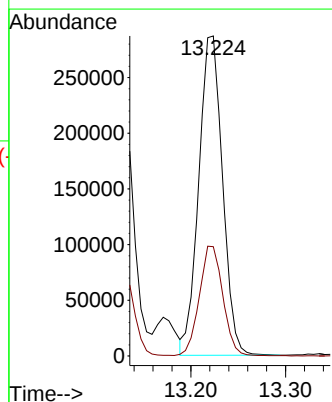
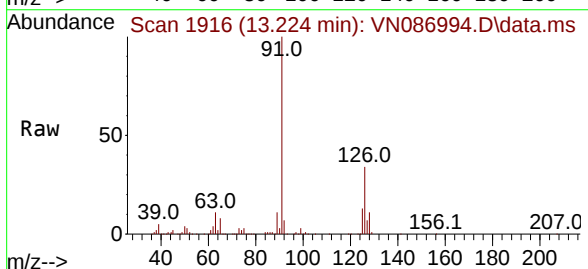
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

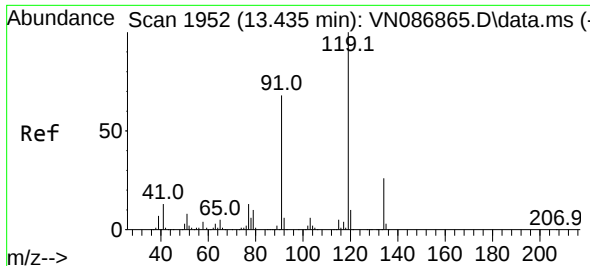
Tgt Ion: 75 Resp: 88819
Ion Ratio Lower Upper
75 100
53 71.2 66.6 99.8
89 41.2 36.7 55.1



#82
4-Chlorotoluene
Concen: 50.946 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN086994.D
Acq: 12 Jun 2025 21:33

Tgt Ion: 91 Resp: 500362
Ion Ratio Lower Upper
91 100
126 34.2 16.7 50.1

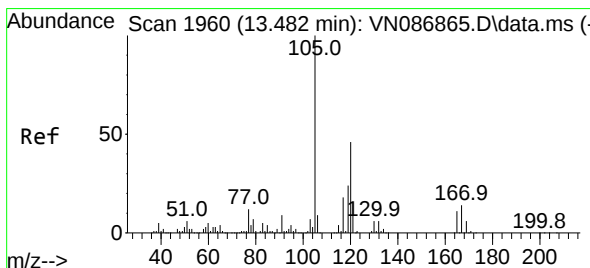
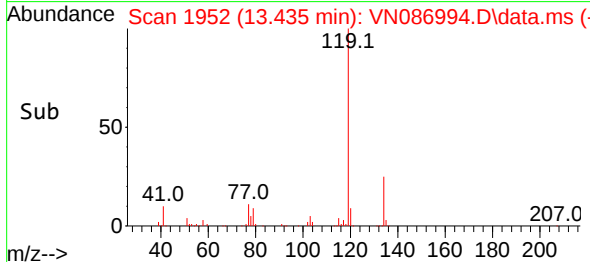
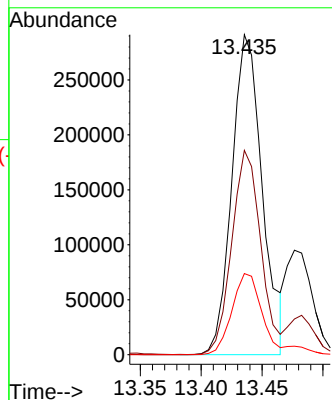
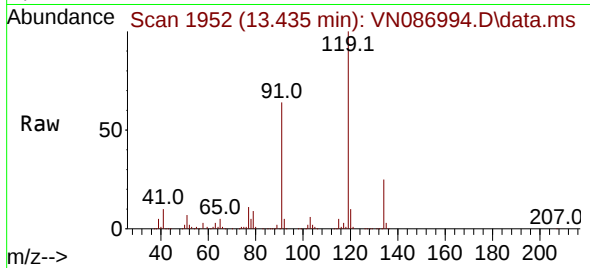




#83
 tert-Butylbenzene
 Concen: 50.177 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VN086994.D
 Acq: 12 Jun 2025 21:33

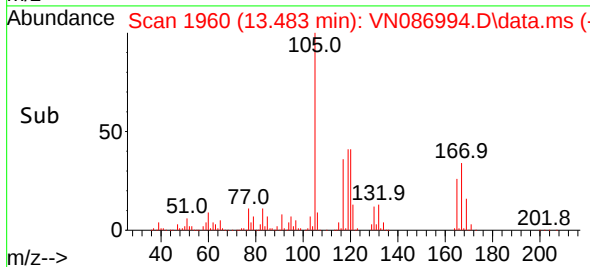
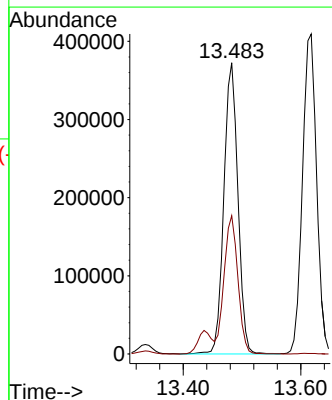
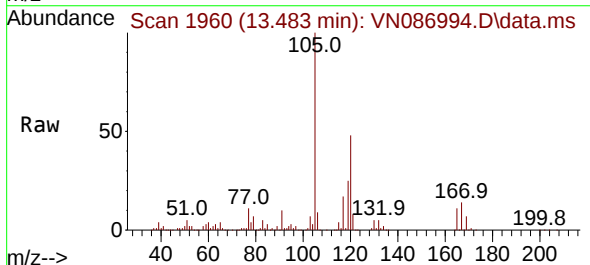
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

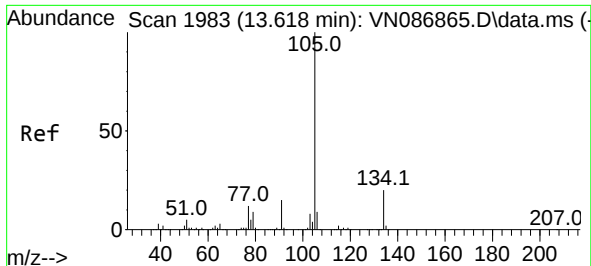
Tgt Ion:119 Resp: 505058
 Ion Ratio Lower Upper
 119 100
 91 61.0 32.1 96.5
 134 26.7 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 56.058 ug/l
 RT: 13.483 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN086994.D
 Acq: 12 Jun 2025 21:33

Tgt Ion:105 Resp: 618119
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.2 69.6

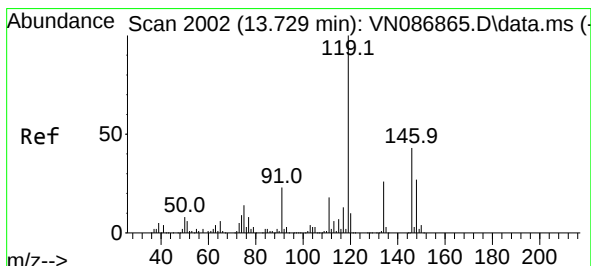
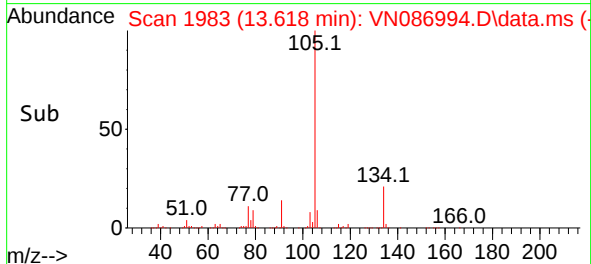
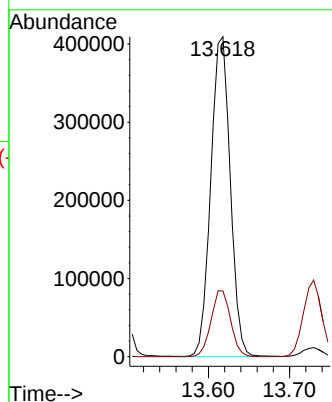
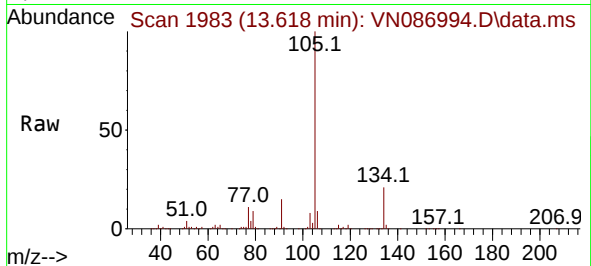




#85
 sec-Butylbenzene
 Concen: 46.765 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN086994.D
 Acq: 12 Jun 2025 21:33

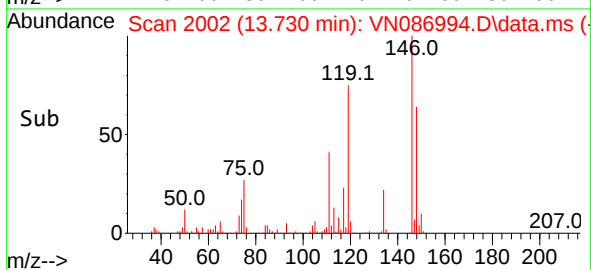
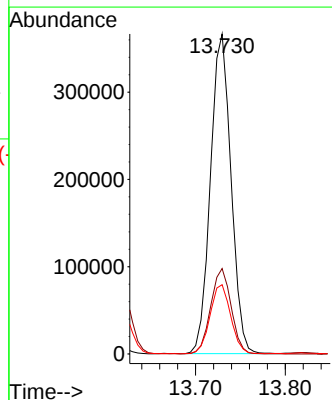
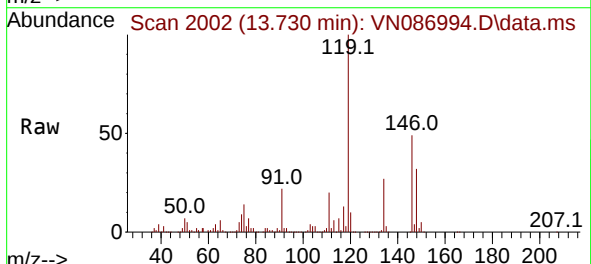
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

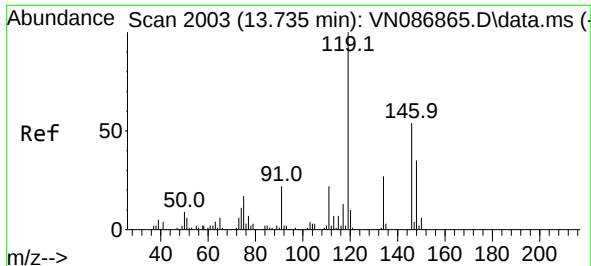
Tgt Ion:105 Resp: 683572
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 48.209 ug/l
 RT: 13.730 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN086994.D
 Acq: 12 Jun 2025 21:33

Tgt Ion:119 Resp: 582513
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.5 40.4
 91 21.7 11.5 34.4

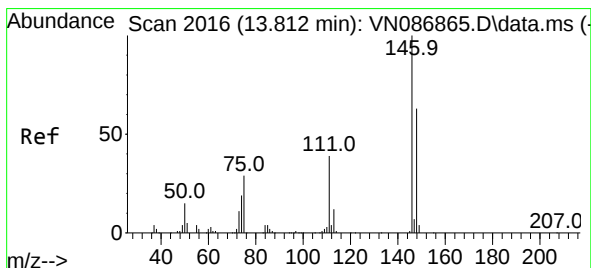
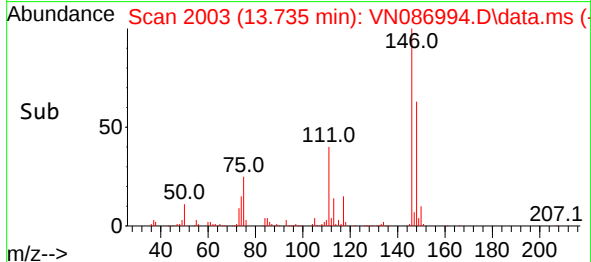
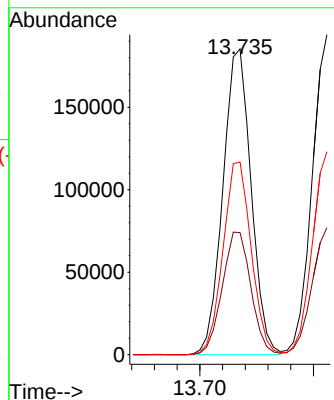
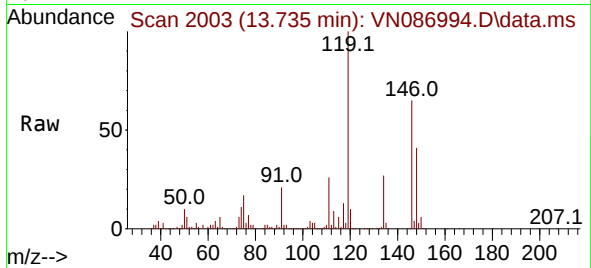




#87
1,3-Dichlorobenzene
Concen: 53.173 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN086994.D
Acq: 12 Jun 2025 21:33

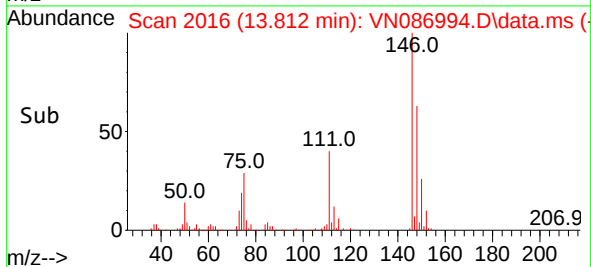
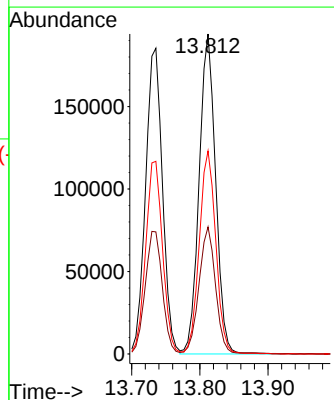
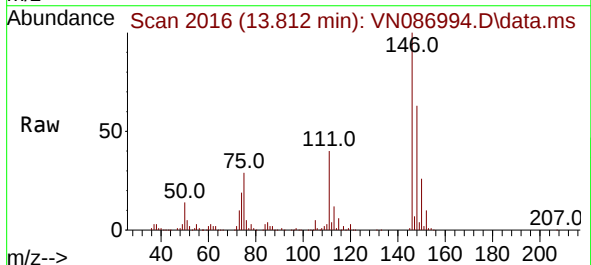
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

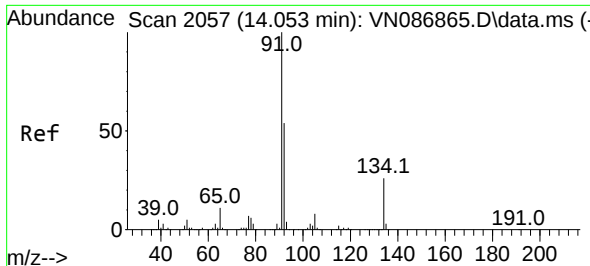
Tgt Ion:146 Resp: 319544
Ion Ratio Lower Upper
146 100
111 40.7 20.9 62.8
148 63.2 32.0 96.2



#88
1,4-Dichlorobenzene
Concen: 53.307 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN086994.D
Acq: 12 Jun 2025 21:33

Tgt Ion:146 Resp: 326605
Ion Ratio Lower Upper
146 100
111 39.0 19.9 59.7
148 63.6 31.8 95.4

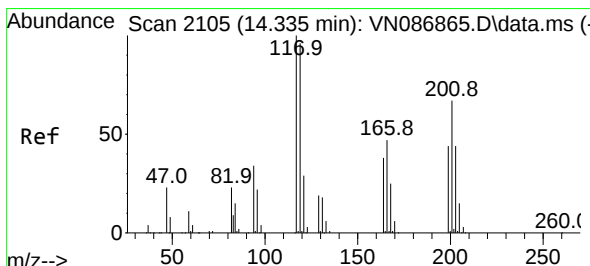
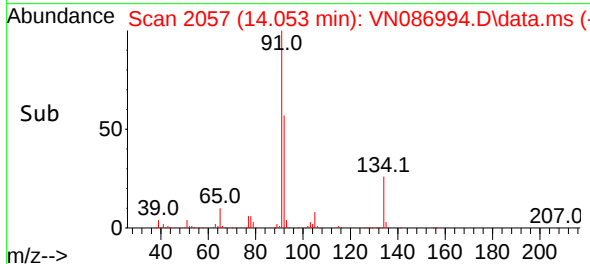
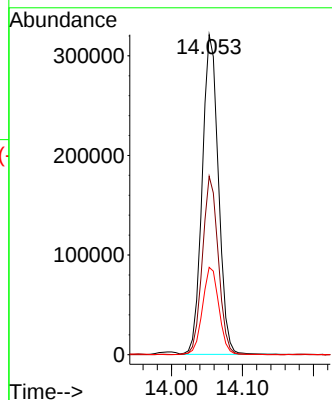
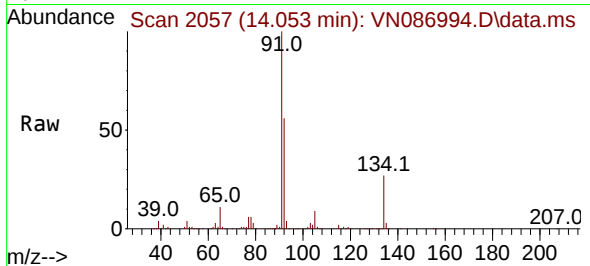




#89
n-Butylbenzene
Concen: 43.498 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN086994.D
Acq: 12 Jun 2025 21:33

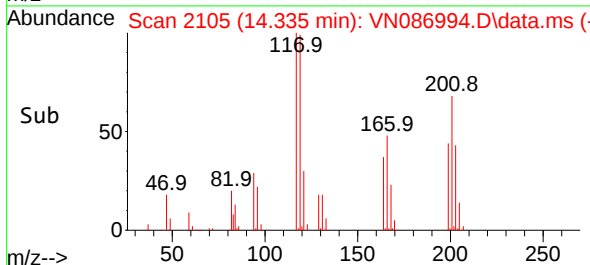
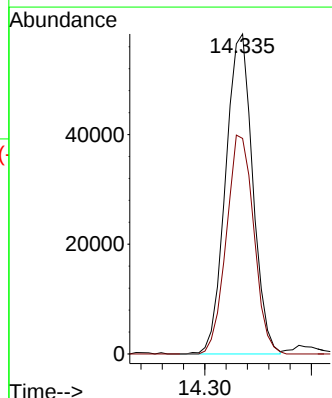
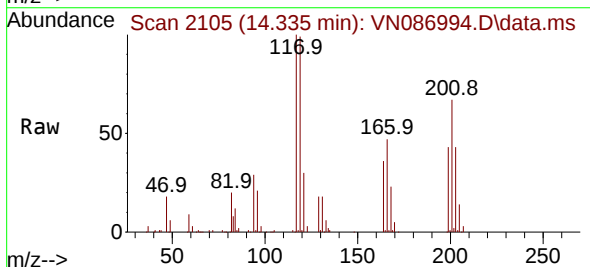
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

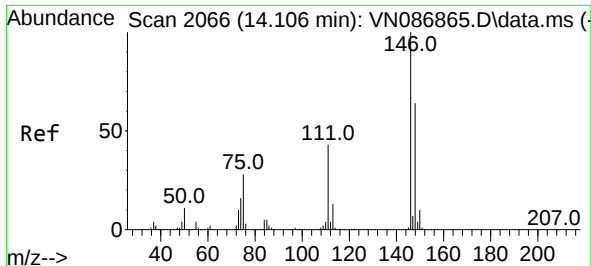
Tgt Ion: 91 Resp: 509088
Ion Ratio Lower Upper
91 100
92 54.8 27.5 82.4
134 27.9 13.0 39.0



#90
Hexachloroethane
Concen: 50.323 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN086994.D
Acq: 12 Jun 2025 21:33

Tgt Ion: 117 Resp: 103069
Ion Ratio Lower Upper
117 100
201 69.2 33.2 99.6

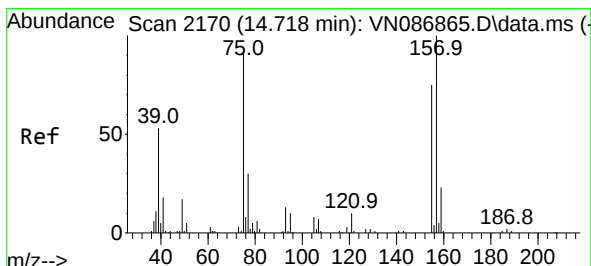
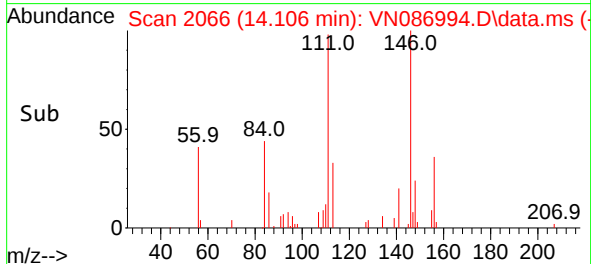
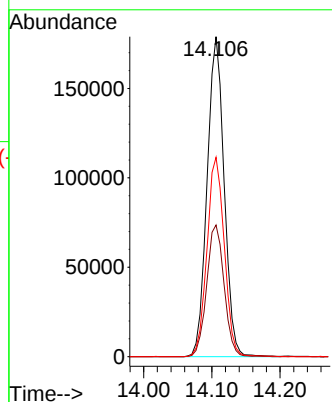
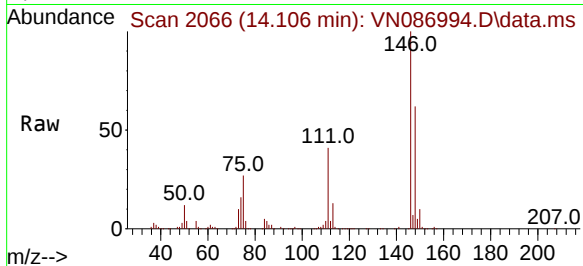




#91
1,2-Dichlorobenzene
Concen: 53.941 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN086994.D
Acq: 12 Jun 2025 21:33

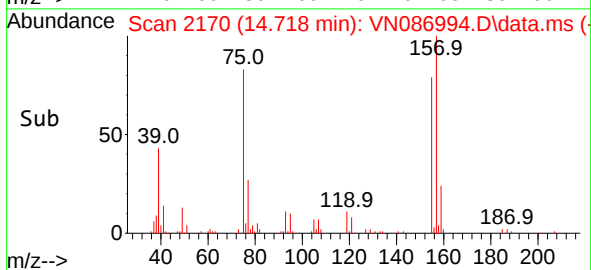
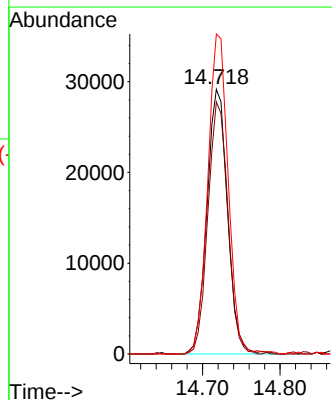
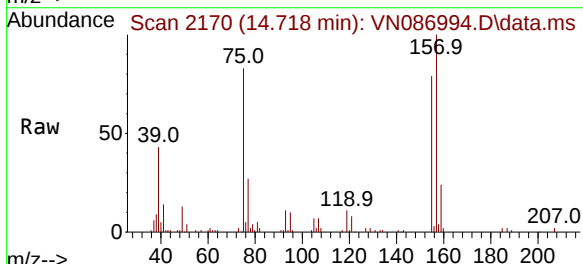
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

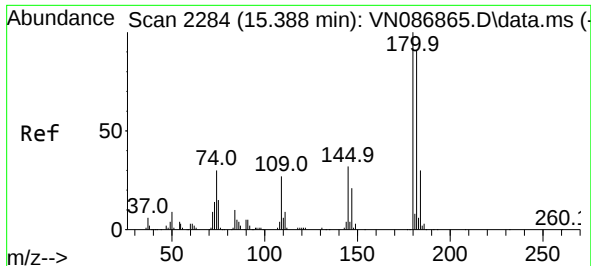
Tgt Ion:146 Resp: 311432
Ion Ratio Lower Upper
146 100
111 42.1 21.6 64.6
148 63.4 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.911 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN086994.D
Acq: 12 Jun 2025 21:33

Tgt Ion: 75 Resp: 53857
Ion Ratio Lower Upper
75 100
155 92.1 41.1 123.4
157 119.9 52.7 158.1

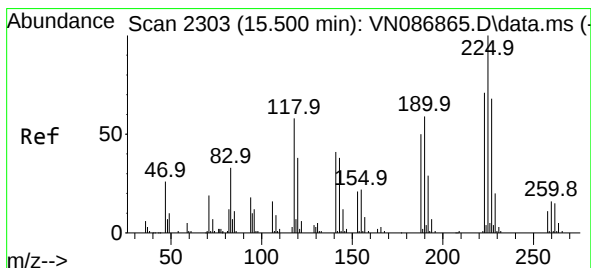
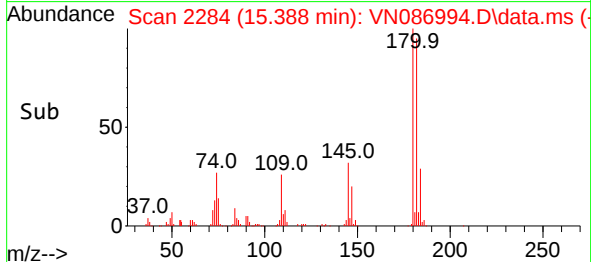
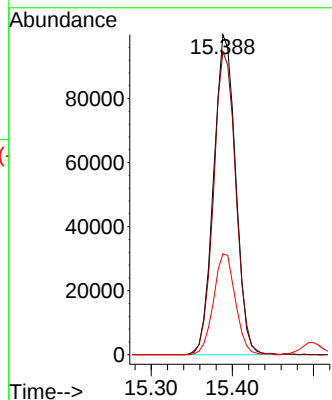
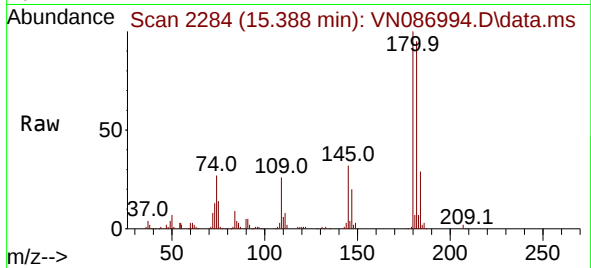




#93
1,2,4-Trichlorobenzene
Concen: 51.072 ug/l
RT: 15.388 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN086994.D
Acq: 12 Jun 2025 21:33

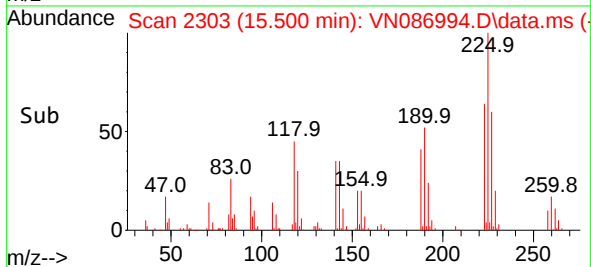
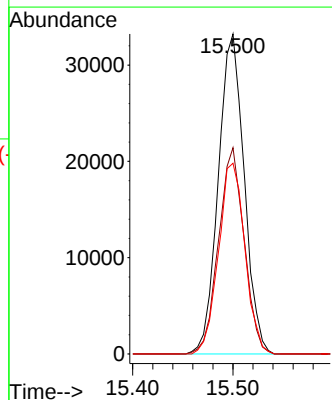
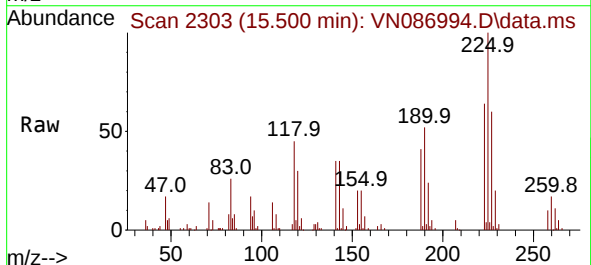
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

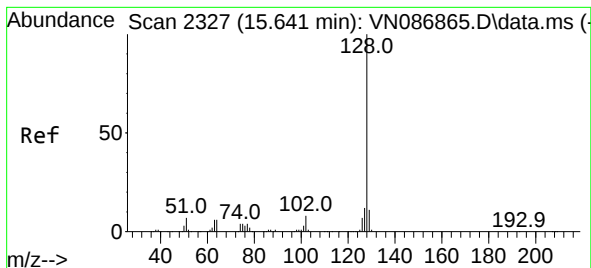
Tgt Ion:180 Resp: 188289
Ion Ratio Lower Upper
180 100
182 95.6 46.9 140.7
145 31.3 16.0 47.9



#94
Hexachlorobutadiene
Concen: 43.369 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN086994.D
Acq: 12 Jun 2025 21:33

Tgt Ion:225 Resp: 59571
Ion Ratio Lower Upper
225 100
223 63.5 33.5 100.4
227 60.6 31.1 93.5





#95

Naphthalene

Concen: 57.686 ug/l

RT: 15.635 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN086994.D

Acq: 12 Jun 2025 21:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

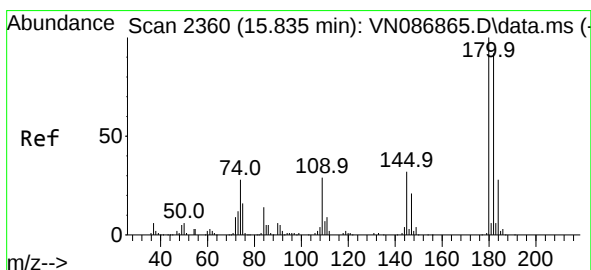
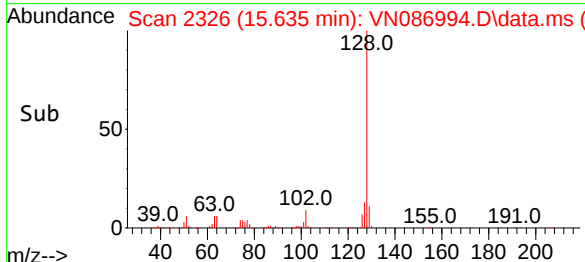
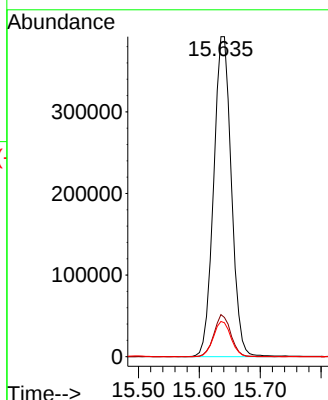
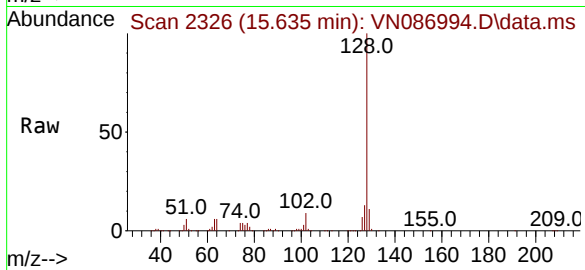
Tgt Ion:128 Resp: 791615

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 49.872 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN086994.D

Acq: 12 Jun 2025 21:33

Tgt Ion:180 Resp: 182680

Ion Ratio Lower Upper

180 100

182 94.6 47.0 141.0

145 32.5 16.6 49.8

