

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061825\
 Data File : VN087096.D
 Acq On : 18 Jun 2025 19:00
 Operator : JC\MD
 Sample : Q2299-03MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT191D1-20250609MS

Quant Time: Jun 19 01:33:32 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	8.229	168	197403	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	358053	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	319487	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	160634	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	135317	51.198	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.400%	
35) Dibromofluoromethane	8.177	113	115460	54.413	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.820%	
50) Toluene-d8	10.570	98	426488	50.772	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.540%	
62) 4-Bromofluorobenzene	12.847	95	161206	51.654	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 103.300%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.153	85	101408	51.522	ug/l	97
3) Chloromethane	2.400	50	115902	45.602	ug/l	98
4) Vinyl Chloride	2.553	62	142212	54.242	ug/l	100
5) Bromomethane	2.989	94	70658	48.159	ug/l	93
6) Chloroethane	3.153	64	93426	55.166	ug/l	92
7) Trichlorofluoromethane	3.530	101	184342	53.815	ug/l	96
8) Diethyl Ether	3.989	74	77723	52.076	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.400	101	114361	53.139	ug/l	99
10) Methyl Iodide	4.618	142	71856	25.756	ug/l	99
11) Tert butyl alcohol	5.541	59	168214	234.558	ug/l	100
12) 1,1-Dichloroethene	4.365	96	118155	53.776	ug/l	95
13) Acrolein	4.206	56	37345	164.512	ug/l	100
14) Allyl chloride	5.047	41	170132	46.690	ug/l	95
15) Acrylonitrile	5.736	53	417869	249.289	ug/l	99
16) Acetone	4.447	43	316435	225.766	ug/l	95
17) Carbon Disulfide	4.741	76	335575	55.216	ug/l	99
18) Methyl Acetate	5.047	43	166046	40.653	ug/l	98
19) Methyl tert-butyl Ether	5.818	73	403286	50.693	ug/l	99
20) Methylene Chloride	5.300	84	132179	50.372	ug/l	97
21) trans-1,2-Dichloroethene	5.812	96	126069	51.572	ug/l	94
22) Diisopropyl ether	6.688	45	374016	48.694	ug/l	98
23) Vinyl Acetate	6.618	43	1562934	240.838	ug/l	98
24) 1,1-Dichloroethane	6.583	63	230288	52.099	ug/l	99
25) 2-Butanone	7.494	43	527461	231.518	ug/l	96
26) 2,2-Dichloropropane	7.500	77	171248	49.805	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	151416	51.793	ug/l	98
28) Bromochloromethane	7.824	49	99672	45.861	ug/l	94
29) Tetrahydrofuran	7.847	42	346557	233.508	ug/l	96
30) Chloroform	7.977	83	230181	52.145	ug/l	100
31) Cyclohexane	8.265	56	194291	45.324	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	193588	51.562	ug/l	98
36) 1,1-Dichloropropene	8.382	75	165965	52.490	ug/l	99
37) Ethyl Acetate	7.571	43	191092	47.476	ug/l	100
38) Carbon Tetrachloride	8.371	117	164139	52.876	ug/l	97
39) Methylcyclohexane	9.606	83	181028	41.790	ug/l	96
40) Benzene	8.612	78	532196	51.473	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	103469	45.773	ug/l	94
42) 1,2-Dichloroethane	8.677	62	161720	51.568	ug/l	100
43) Isopropyl Acetate	8.694	43	290596	44.982	ug/l	96
44) Trichloroethene	9.359	130	153823	62.743	ug/l	99
45) 1,2-Dichloropropane	9.623	63	129515	51.488	ug/l	100
46) Dibromomethane	9.712	93	88725	53.104	ug/l	99
47) Bromodichloromethane	9.888	83	177855	51.738	ug/l	98
48) Methyl methacrylate	9.682	41	139458	46.902	ug/l	95
49) 1,4-Dioxane	9.700	88	56591	1046.182	ug/l #	95
51) 4-Methyl-2-Pentanone	10.447	43	956382	245.913	ug/l	98
52) Toluene	10.629	92	327116	51.770	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	196648	51.158	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	207342	50.413	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	124925	51.382	ug/l	98
56) Ethyl methacrylate	10.876	69	208260	53.779	ug/l	93
57) 1,3-Dichloropropane	11.165	76	217073	51.468	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.206	63	1177	0.510	ug/l #	46
59) 2-Hexanone	11.200	43	645373	257.623	ug/l	94
60) Dibromochloromethane	11.359	129	137309	54.205	ug/l	100
61) 1,2-Dibromoethane	11.470	107	131156	52.630	ug/l	99
64) Tetrachloroethene	11.106	164	98548	48.740	ug/l	97
65) Chlorobenzene	11.888	112	361021	51.235	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	116295	51.343	ug/l	98
67) Ethyl Benzene	11.965	91	599533	49.396	ug/l	99
68) m/p-Xylenes	12.070	106	474921	102.218	ug/l	98
69) o-Xylene	12.394	106	229851	51.654	ug/l	96
70) Styrene	12.412	104	392378	51.531	ug/l	100
71) Bromoform	12.576	173	92019	54.830	ug/l #	100
73) Isopropylbenzene	12.694	105	557938	47.677	ug/l	99
74) N-amyl acetate	12.512	43	167555	40.974	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	198675	50.114	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	262929	68.860	ug/l	70
77) Bromobenzene	12.976	156	138138	51.472	ug/l	96
78) n-propylbenzene	13.035	91	663158	46.631	ug/l	99
79) 2-Chlorotoluene	13.123	91	404029	47.373	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	460985	47.713	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	80506	48.535	ug/l	88
82) 4-Chlorotoluene	13.217	91	416850	48.304	ug/l	99
83) tert-Butylbenzene	13.435	119	387648	43.832	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	468727	48.380	ug/l	100
85) sec-Butylbenzene	13.611	105	544966	42.431	ug/l	99
86) p-Isopropyltoluene	13.729	119	463963	43.701	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	264324	50.059	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	266794	49.559	ug/l	99
89) n-Butylbenzene	14.053	91	399103	38.810	ug/l	99
90) Hexachloroethane	14.329	117	83606	46.458	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	254364	50.142	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	43850	46.249	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	134978	41.668	ug/l	99
94) Hexachlorobutadiene	15.500	225	39657	32.859	ug/l	97
95) Naphthalene	15.635	128	555412	46.063	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	131561	40.877	ug/l	99

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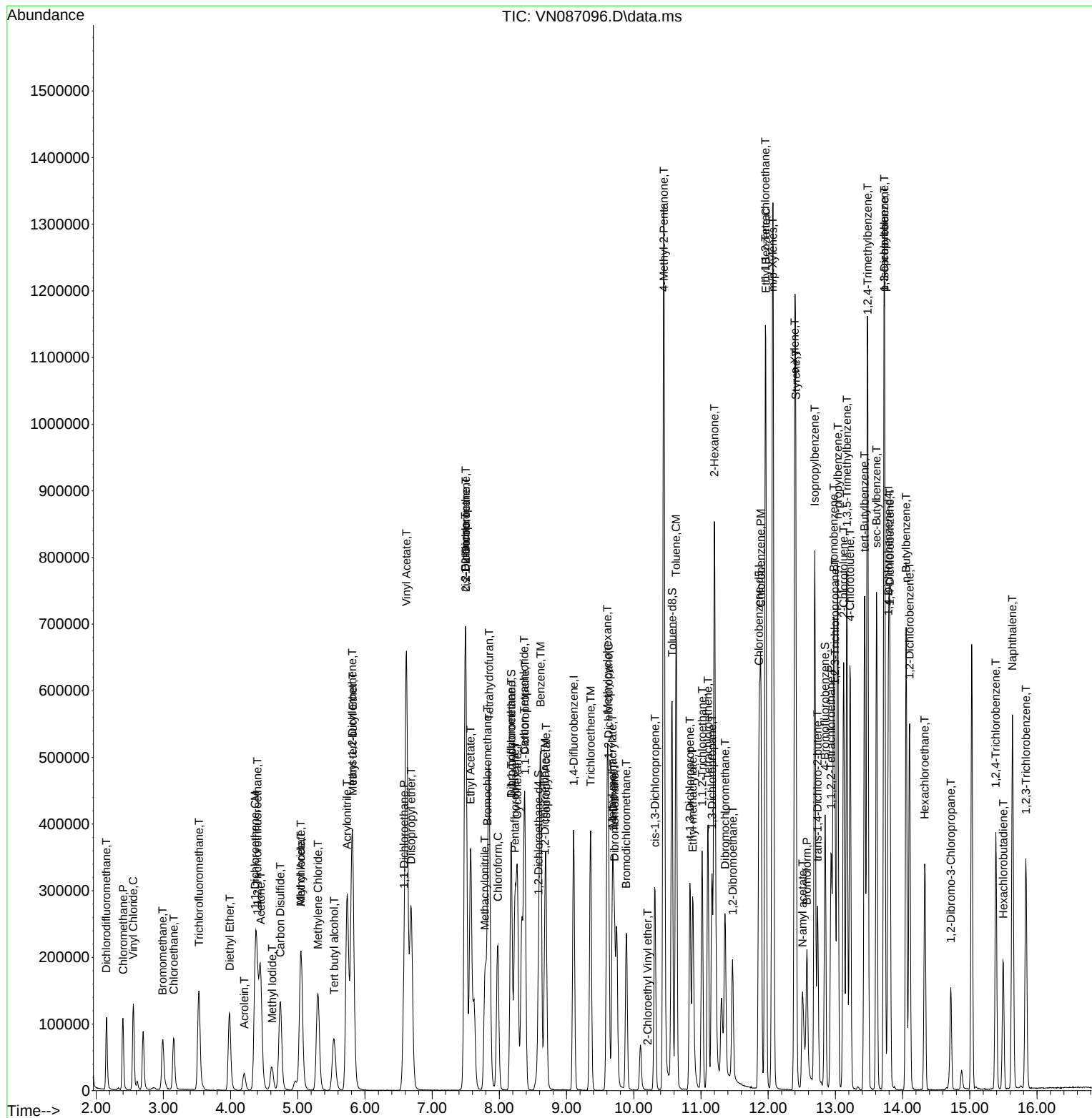
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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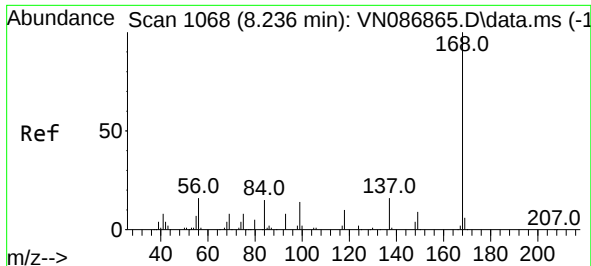
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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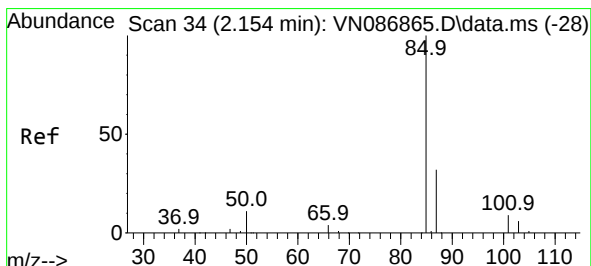
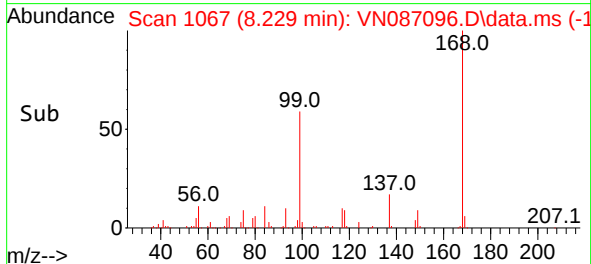
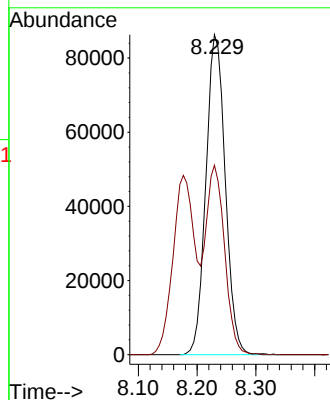
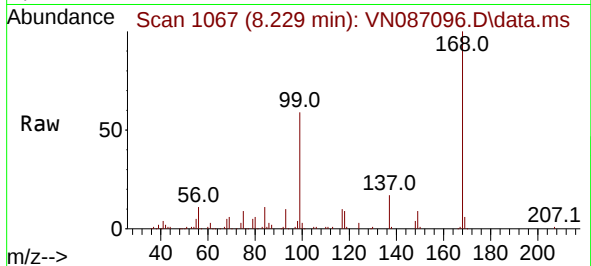




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.007 min
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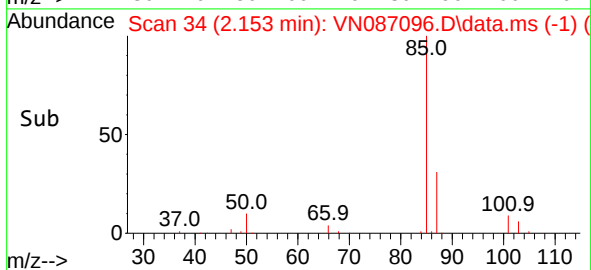
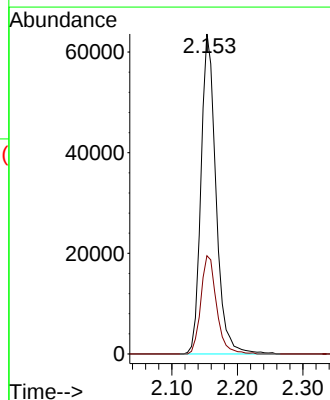
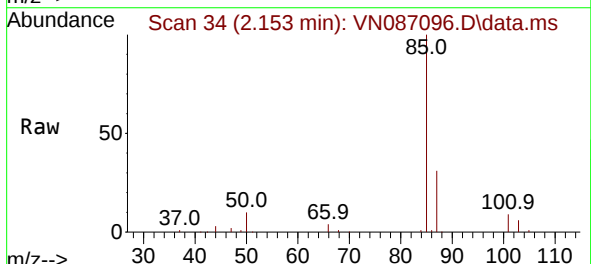
Instrument :
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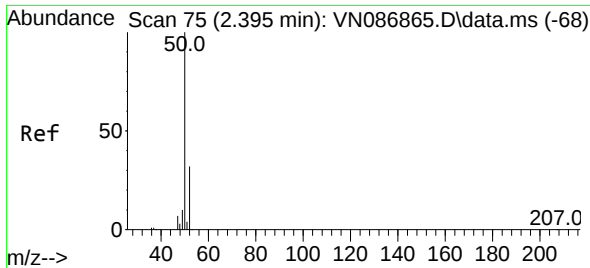
Tgt Ion:168 Resp: 197403
Ion Ratio Lower Upper
168 100
99 59.2 49.1 73.7



#2
Dichlorodifluoromethane
Concen: 51.522 ug/l
RT: 2.153 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

Tgt Ion: 85 Resp: 101408
Ion Ratio Lower Upper
85 100
87 30.7 16.2 48.6

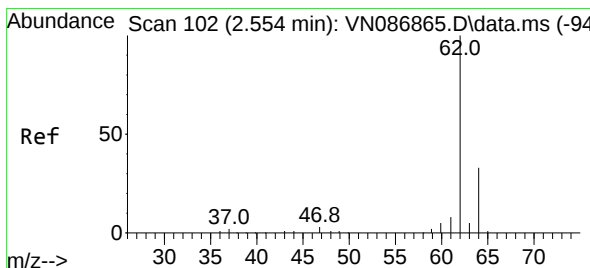
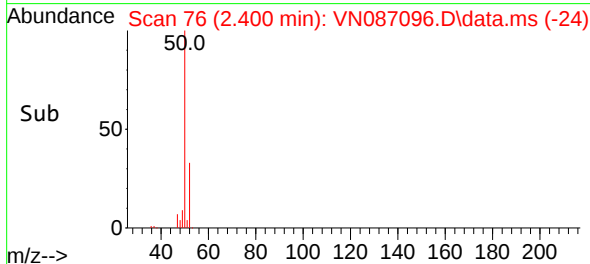
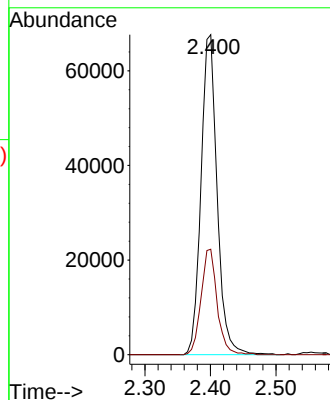
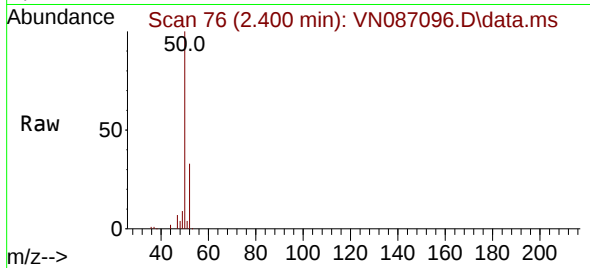




#3
Chloromethane
Concen: 45.602 ug/l
RT: 2.400 min Scan# 75
Delta R.T. 0.006 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

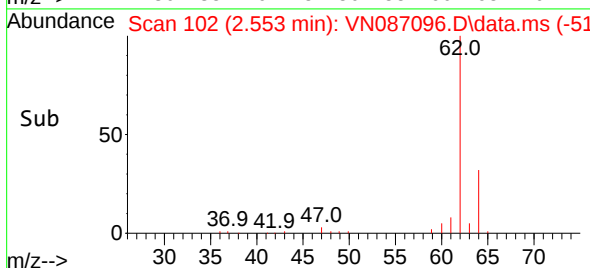
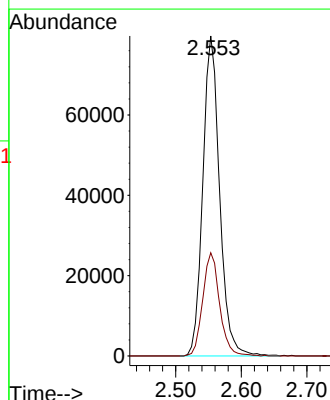
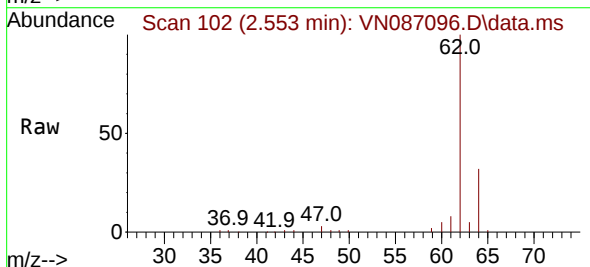
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ClientSampleId :
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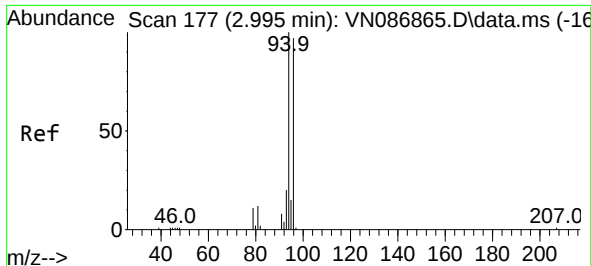
Tgt Ion: 50 Resp: 115902
Ion Ratio Lower Upper
50 100
52 33.0 25.7 38.5



#4
Vinyl Chloride
Concen: 54.242 ug/l
RT: 2.553 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

Tgt Ion: 62 Resp: 142212
Ion Ratio Lower Upper
62 100
64 32.2 26.0 39.0

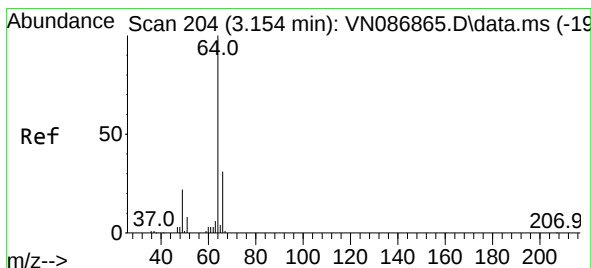
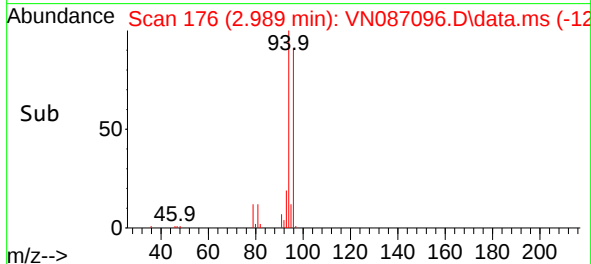
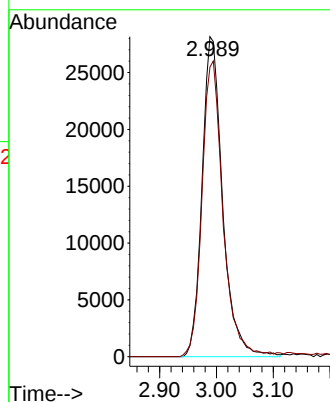
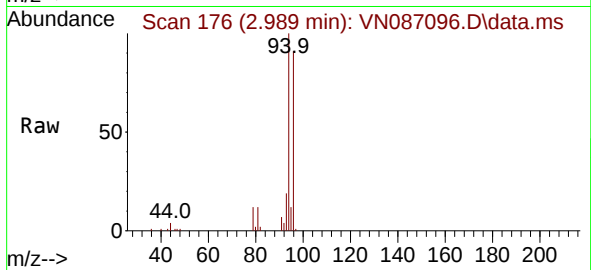




#5
Bromomethane
Concen: 48.159 ug/l
RT: 2.989 min Scan# 177
Delta R.T. -0.006 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

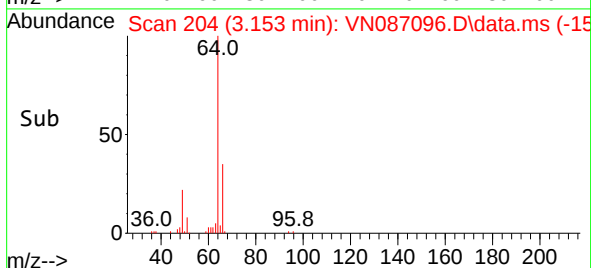
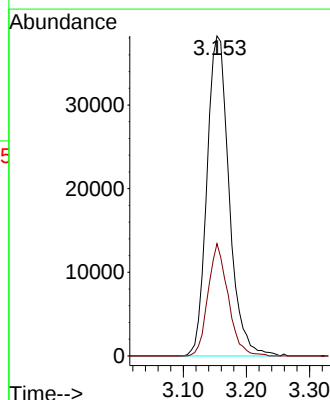
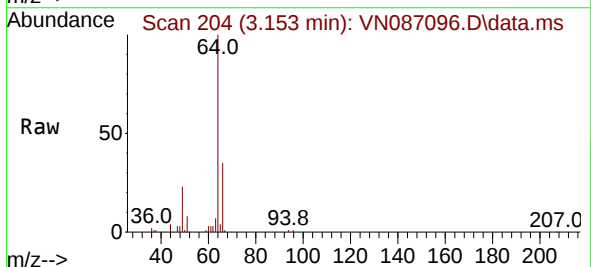
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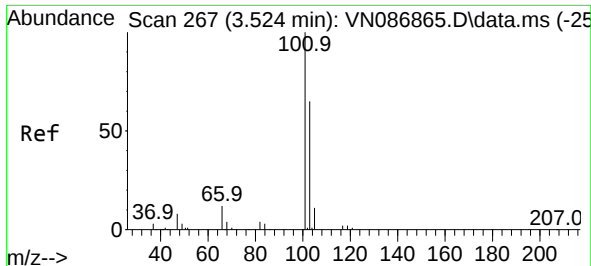
Tgt Ion: 94 Resp: 70658
Ion Ratio Lower Upper
94 100
96 90.5 77.9 116.9



#6
Chloroethane
Concen: 55.166 ug/l
RT: 3.153 min Scan# 204
Delta R.T. -0.000 min
Lab File: VN087096.D
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Tgt Ion: 64 Resp: 93426
Ion Ratio Lower Upper
64 100
66 35.1 24.6 36.8

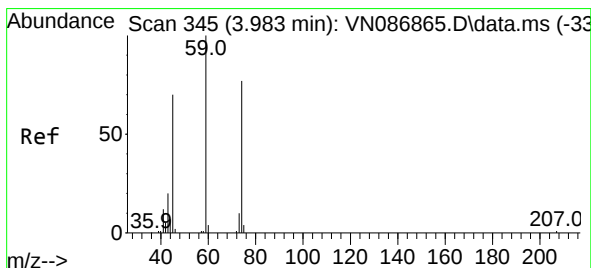
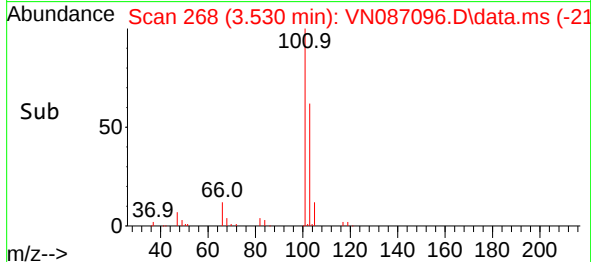
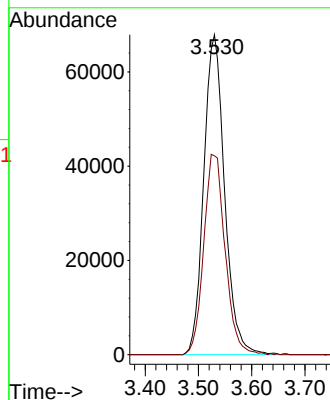
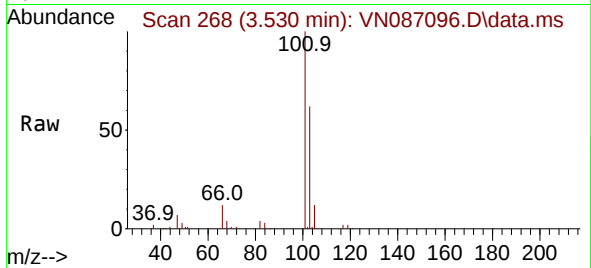




#7
Trichlorofluoromethane
Concen: 53.815 ug/l
RT: 3.530 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

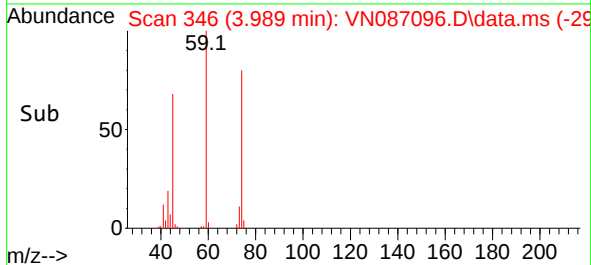
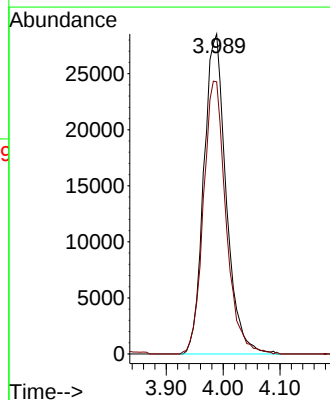
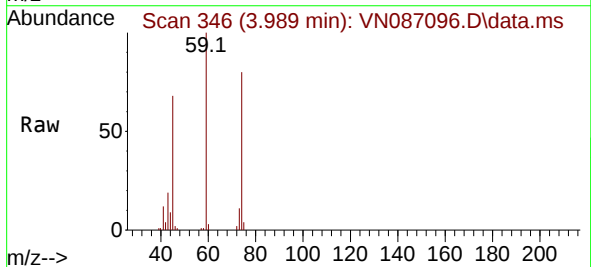
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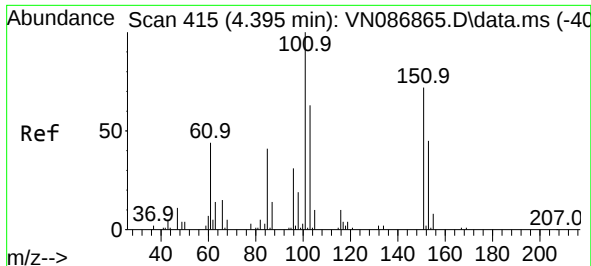
Tgt Ion:101 Resp: 184342
Ion Ratio Lower Upper
101 100
103 62.2 52.2 78.2



#8
Diethyl Ether
Concen: 52.076 ug/l
RT: 3.989 min Scan# 346
Delta R.T. 0.006 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

Tgt Ion: 74 Resp: 77723
Ion Ratio Lower Upper
74 100
45 86.3 45.5 136.5

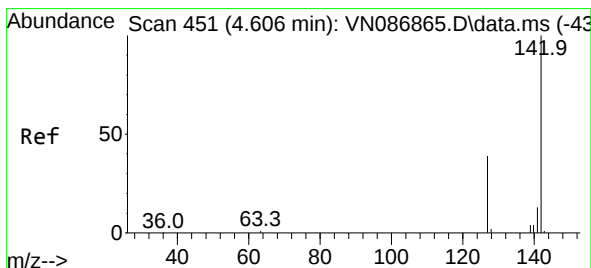
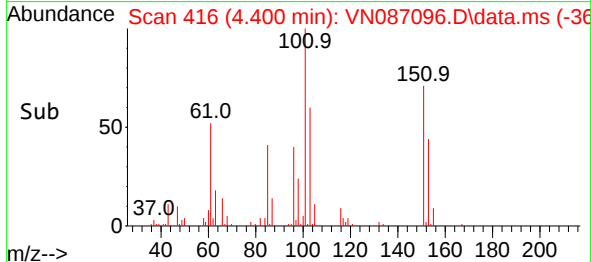
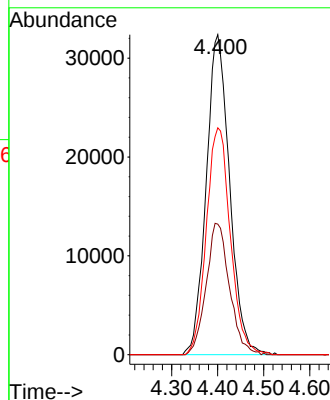
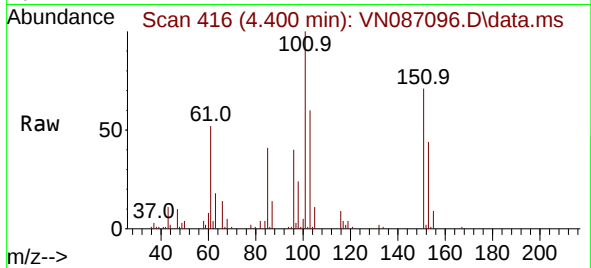




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.139 ug/l
RT: 4.400 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

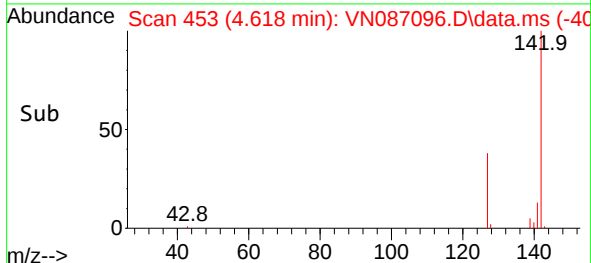
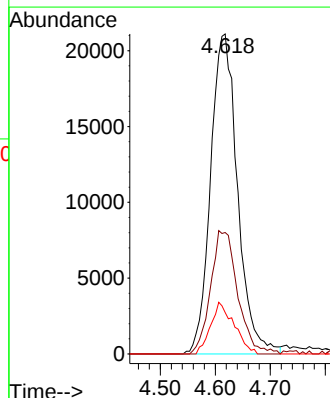
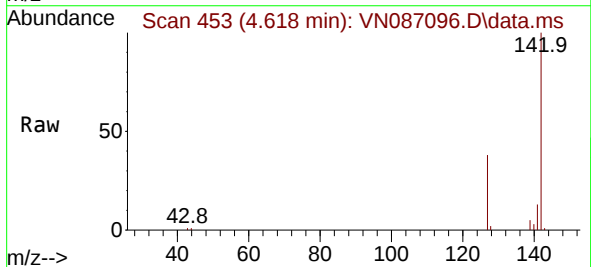
Instrument :
MSVOA_N
ClientSampleId :
TT191D1-20250609MS

Tgt Ion:101 Resp: 114361
Ion Ratio Lower Upper
101 100
85 40.9 33.8 50.8
151 72.7 58.7 88.1



#10
Methyl Iodide
Concen: 25.756 ug/l
RT: 4.618 min Scan# 453
Delta R.T. 0.012 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

Tgt Ion:142 Resp: 71856
Ion Ratio Lower Upper
142 100
127 37.9 30.9 46.3
141 13.0 10.4 15.6

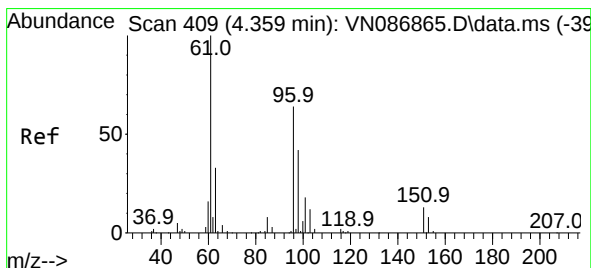
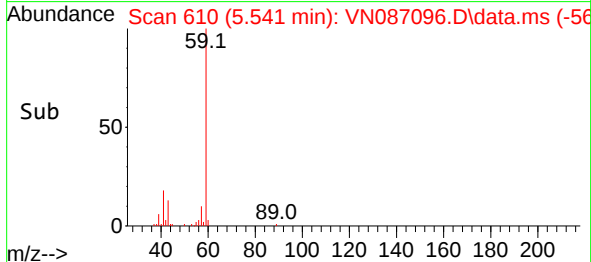
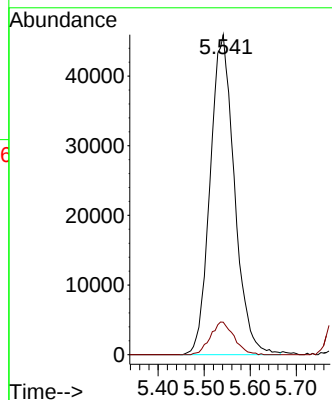
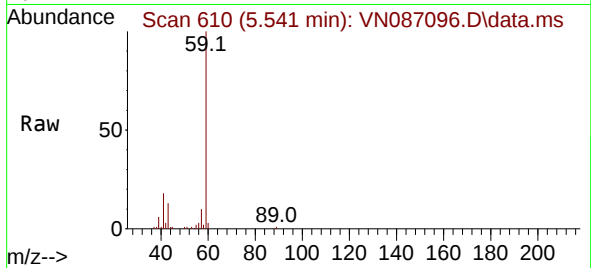




#11
Tert butyl alcohol
Concen: 234.558 ug/l
RT: 5.541 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

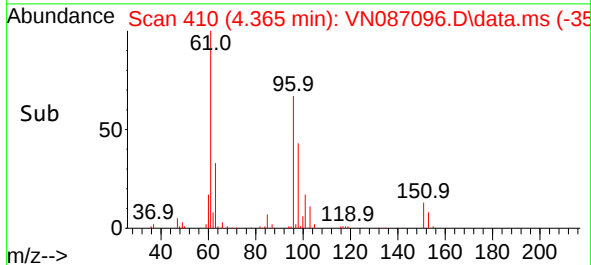
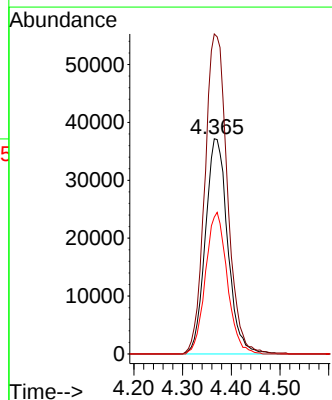
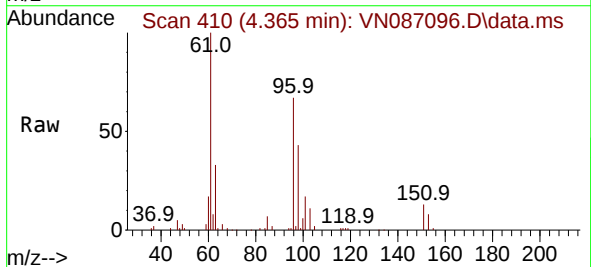
Instrument :
MSVOA_N
ClientSampleId :
TT191D1-20250609MS

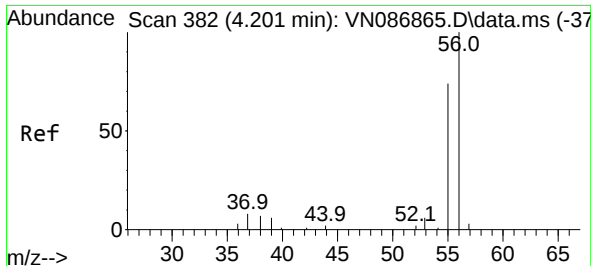
Tgt Ion: 59 Resp: 168214
Ion Ratio Lower Upper
59 100
57 9.9 8.1 12.1



#12
1,1-Dichloroethene
Concen: 53.776 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

Tgt Ion: 96 Resp: 118155
Ion Ratio Lower Upper
96 100
61 148.7 125.8 188.6
98 63.5 52.5 78.7

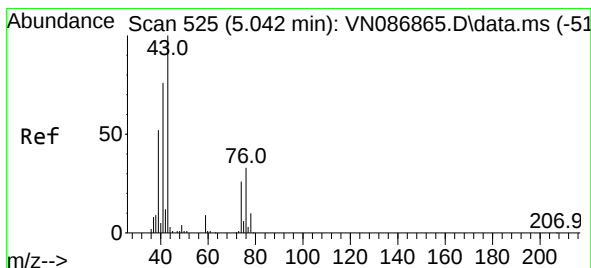
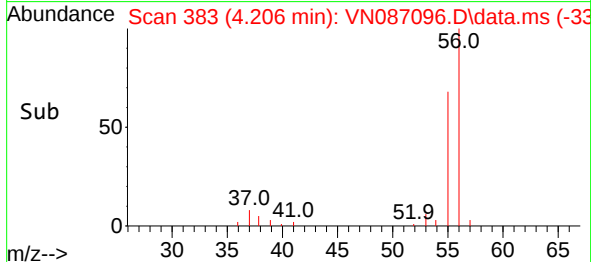
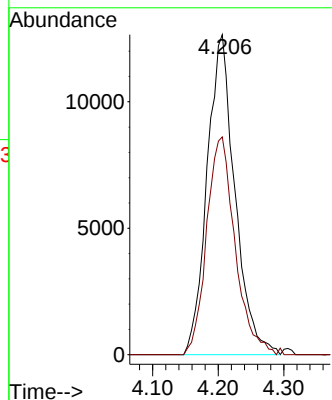
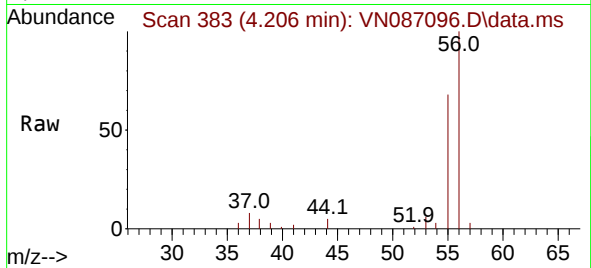




#13
Acrolein
Concen: 164.512 ug/l
RT: 4.206 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

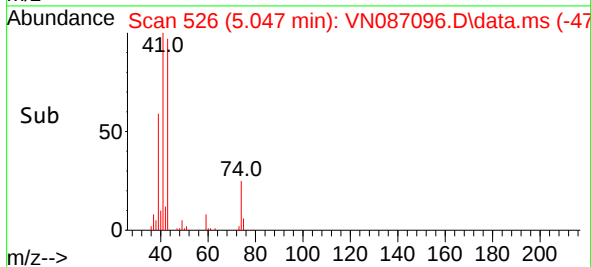
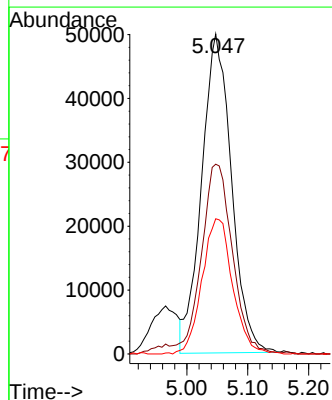
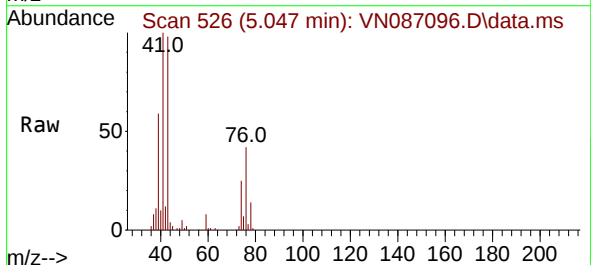
Instrument :
MSVOA_N
ClientSampleId :
TT191D1-20250609MS

Tgt Ion: 56 Resp: 37345
Ion Ratio Lower Upper
56 100
55 69.4 55.6 83.4



#14
Allyl chloride
Concen: 46.690 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

Tgt Ion: 41 Resp: 170132
Ion Ratio Lower Upper
41 100
39 60.9 51.3 76.9
76 43.4 31.4 47.0

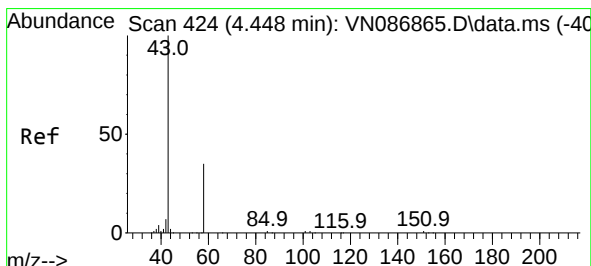
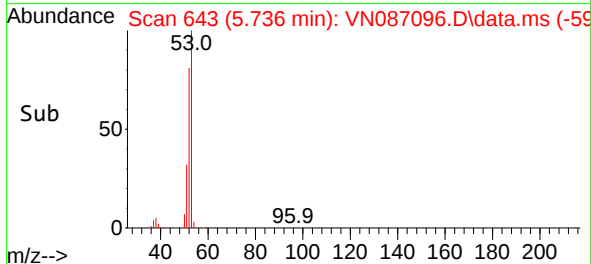
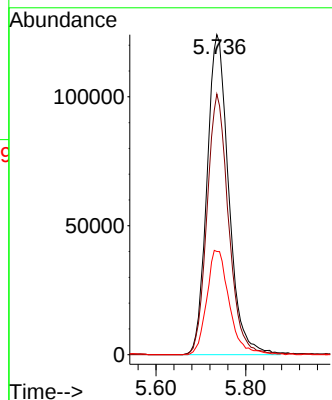
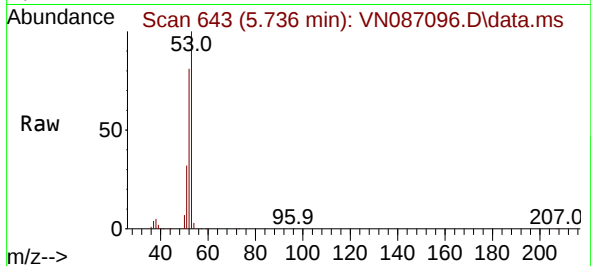




#15
Acrylonitrile
Concen: 249.289 ug/l
RT: 5.736 min Scan# 644
Delta R.T. -0.006 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

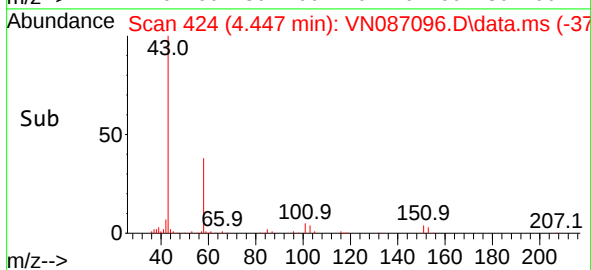
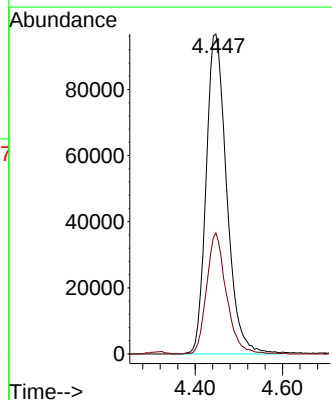
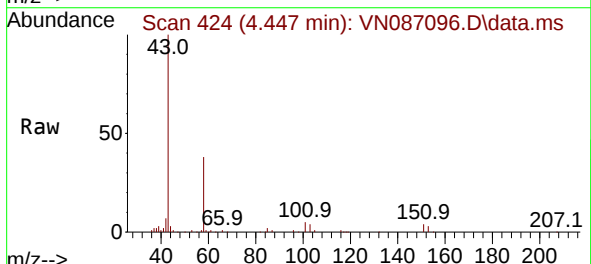
Instrument :
MSVOA_N
ClientSampleId :
TT191D1-20250609MS

Tgt Ion: 53 Resp: 417869
Ion Ratio Lower Upper
53 100
52 80.7 65.0 97.6
51 33.7 27.2 40.8



#16
Acetone
Concen: 225.766 ug/l
RT: 4.447 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

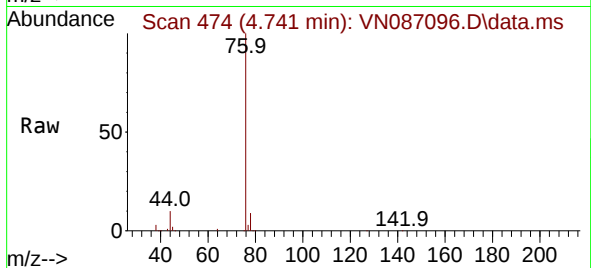
Tgt Ion: 43 Resp: 316435
Ion Ratio Lower Upper
43 100
58 37.9 28.0 42.0



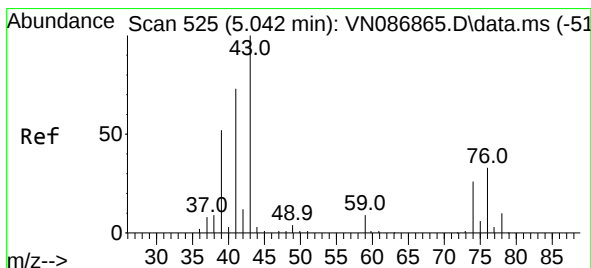
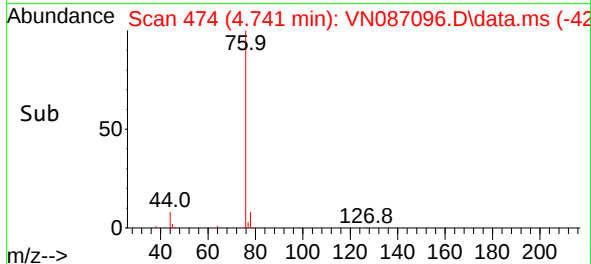
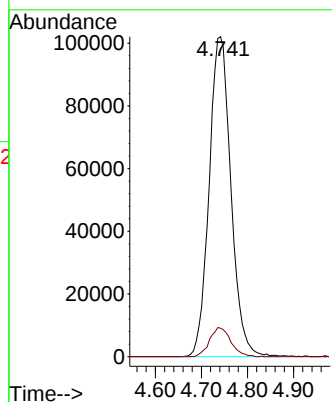


#17
Carbon Disulfide
Concen: 55.216 ug/l
RT: 4.741 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

Instrument :
MSVOA_N
ClientSampleId :
TT191D1-20250609MS

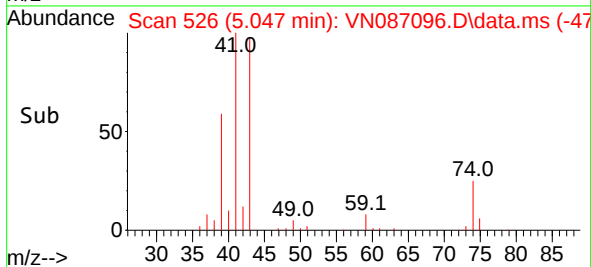
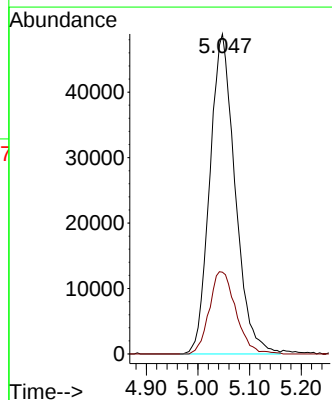
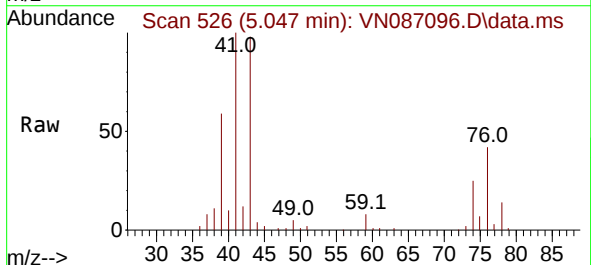


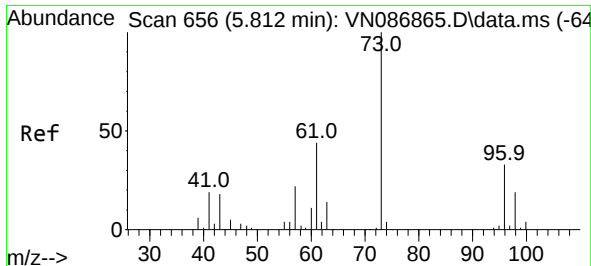
Tgt Ion: 76 Resp: 335575
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9



#18
Methyl Acetate
Concen: 40.653 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

Tgt Ion: 43 Resp: 166046
Ion Ratio Lower Upper
43 100
74 27.0 20.7 31.1

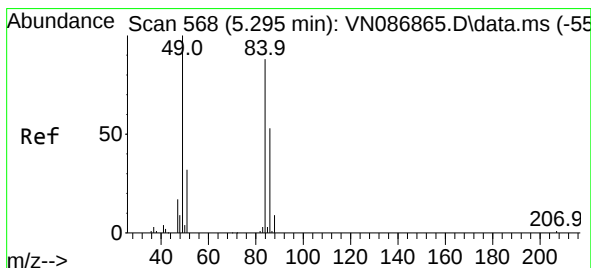
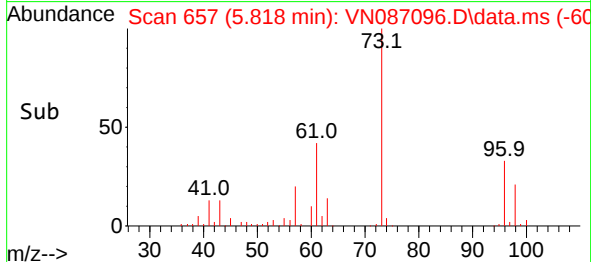
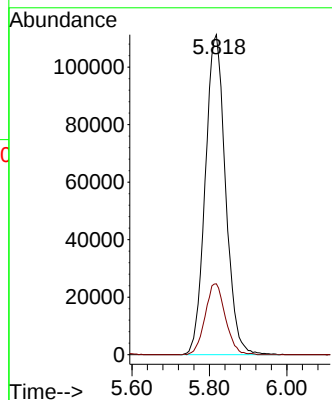
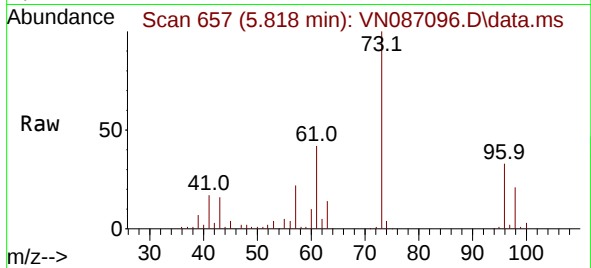




#19
Methyl tert-butyl Ether
Concen: 50.693 ug/l
RT: 5.818 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

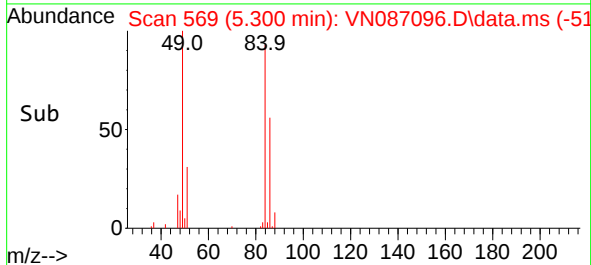
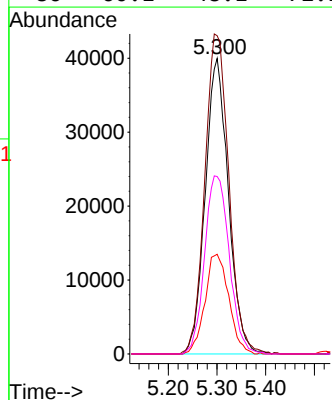
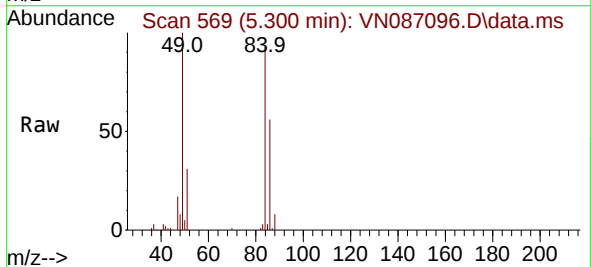
Instrument :
MSVOA_N
ClientSampleId :
TT191D1-20250609MS

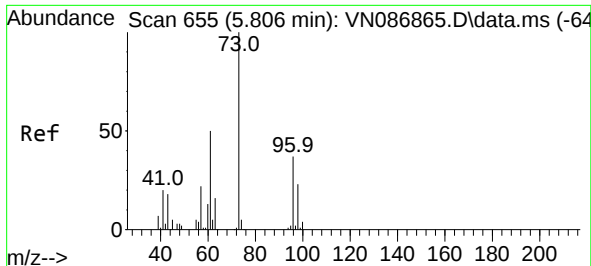
Tgt Ion: 73 Resp: 403286
Ion Ratio Lower Upper
73 100
57 22.2 17.4 26.2



#20
Methylene Chloride
Concen: 50.372 ug/l
RT: 5.300 min Scan# 569
Delta R.T. 0.006 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

Tgt Ion: 84 Resp: 132179
Ion Ratio Lower Upper
84 100
49 107.7 90.5 135.7
51 33.7 28.5 42.7
86 60.1 48.1 72.1

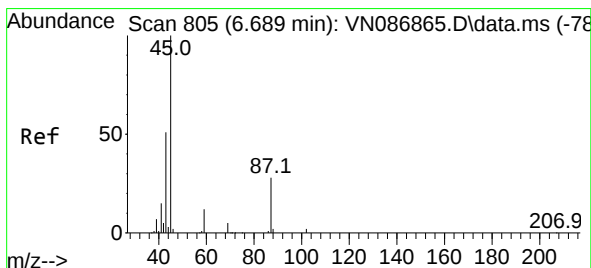
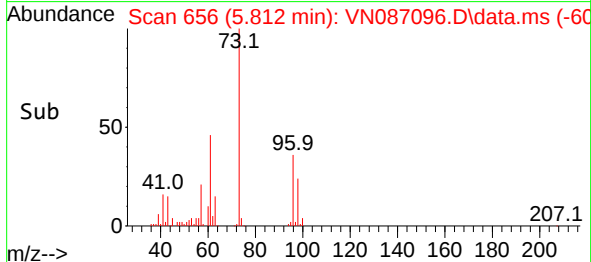
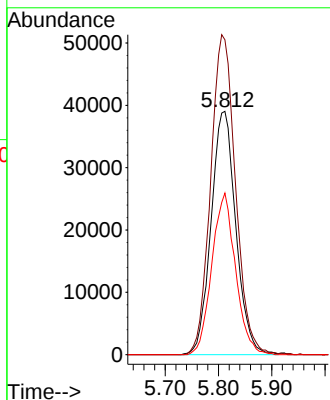
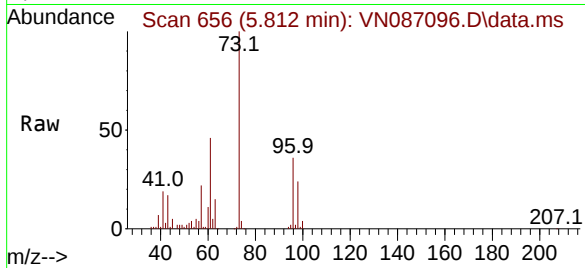




#21
trans-1,2-Dichloroethene
Concen: 51.572 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

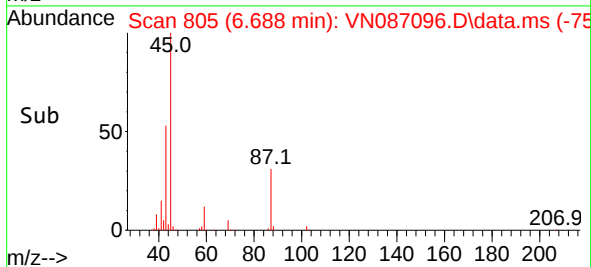
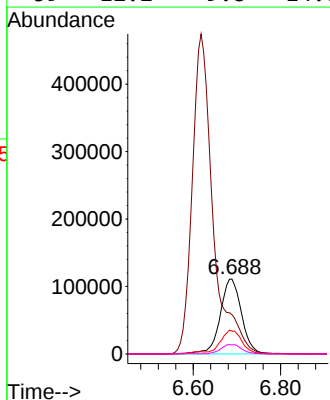
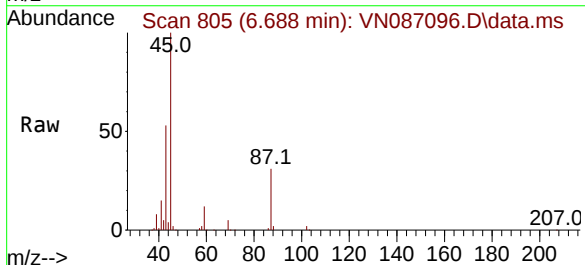
Instrument :
MSVOA_N
ClientSampleId :
TT191D1-20250609MS

Tgt Ion: 96 Resp: 126069
Ion Ratio Lower Upper
96 100
61 129.5 109.2 163.8
98 66.4 49.8 74.8



#22
Diisopropyl ether
Concen: 48.694 ug/l
RT: 6.688 min Scan# 805
Delta R.T. -0.000 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

Tgt Ion: 45 Resp: 374016
Ion Ratio Lower Upper
45 100
43 51.8 41.9 62.9
87 30.5 22.4 33.6
59 12.2 9.8 14.6

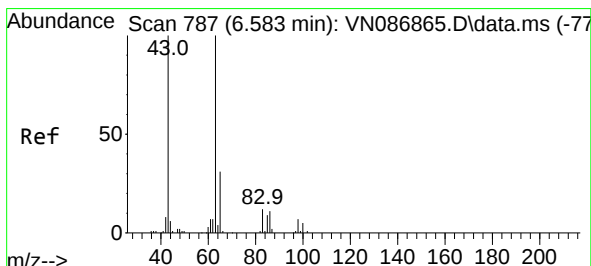
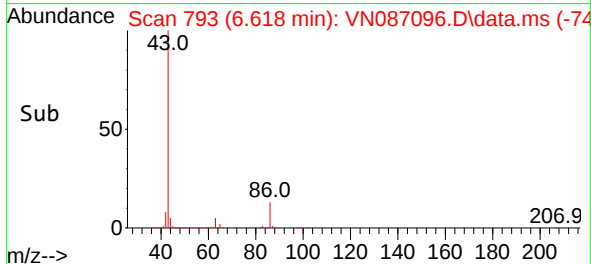
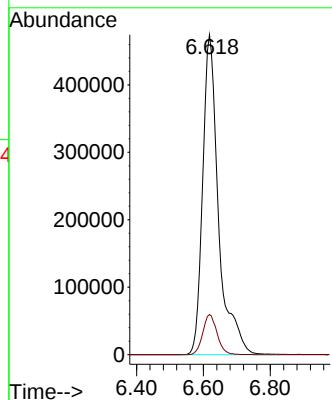
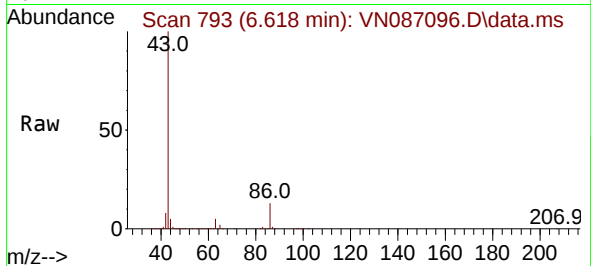




#23
 Vinyl Acetate
 Concen: 240.838 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN087096.D
 Acq: 18 Jun 2025 19:00

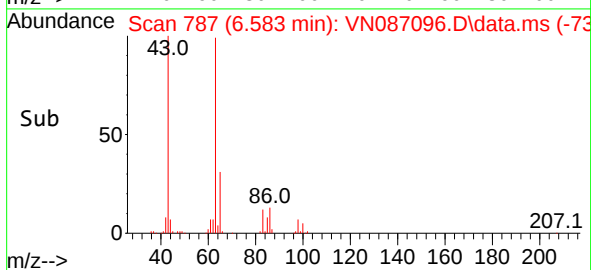
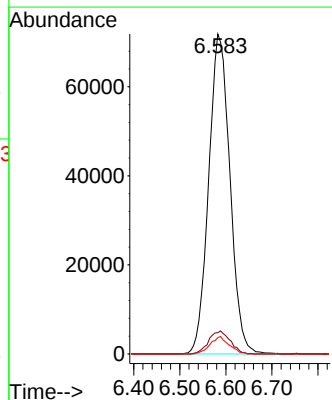
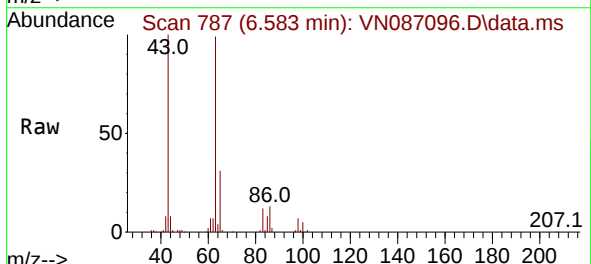
Instrument :
 MSVOA_N
 ClientSampleId :
 TT191D1-20250609MS

Tgt Ion: 43 Resp: 1562934
 Ion Ratio Lower Upper
 43 100
 86 12.5 9.5 14.3



#24
 1,1-Dichloroethane
 Concen: 52.099 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. -0.000 min
 Lab File: VN087096.D
 Acq: 18 Jun 2025 19:00

Tgt Ion: 63 Resp: 230288
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.6 10.8
 100 5.1 2.6 7.8

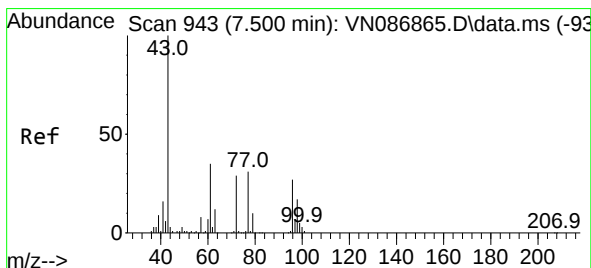
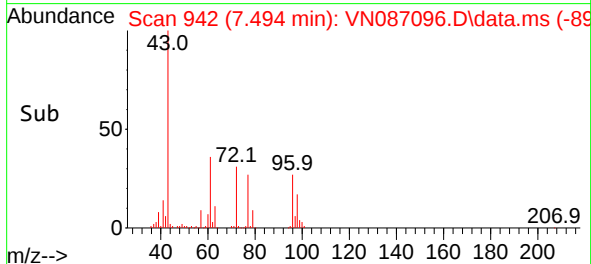
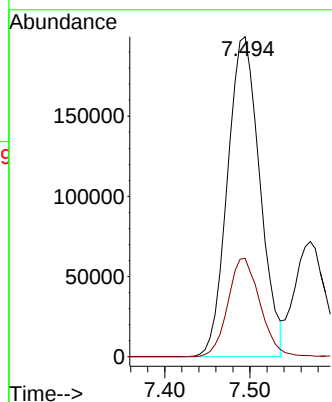
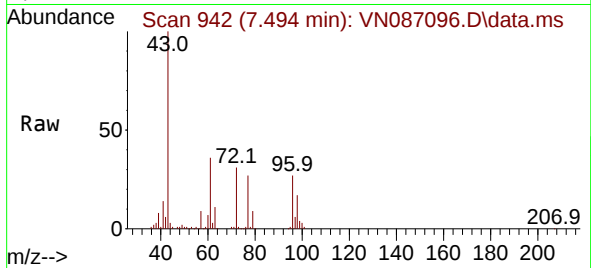




#25
2-Butanone
Concen: 231.518 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

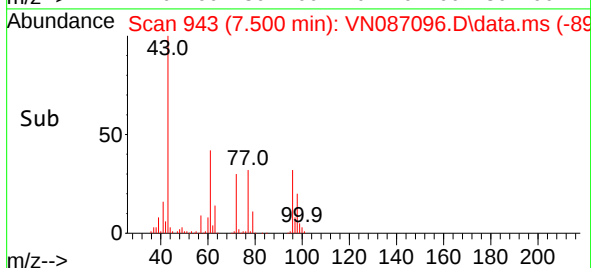
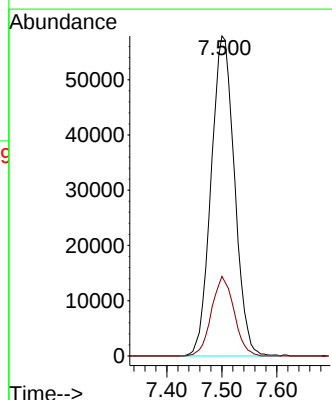
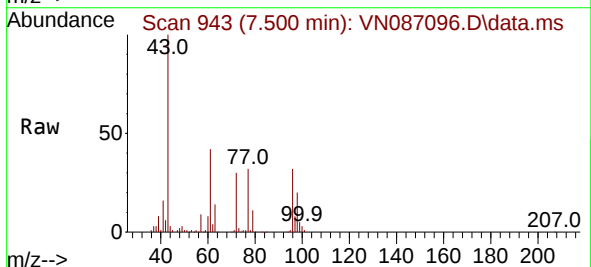
Instrument :
MSVOA_N
ClientSampleId :
TT191D1-20250609MS

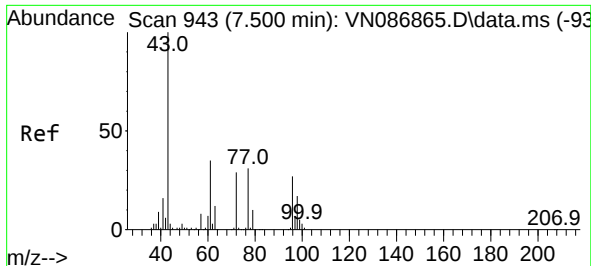
Tgt Ion: 43 Resp: 527461
Ion Ratio Lower Upper
43 100
72 30.8 23.0 34.6



#26
2,2-Dichloropropane
Concen: 49.805 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

Tgt Ion: 77 Resp: 171248
Ion Ratio Lower Upper
77 100
97 24.0 11.6 34.7

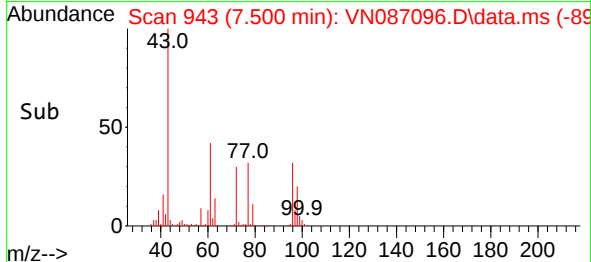
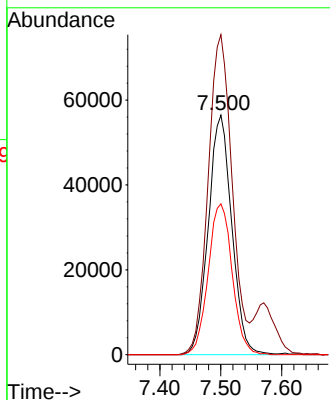
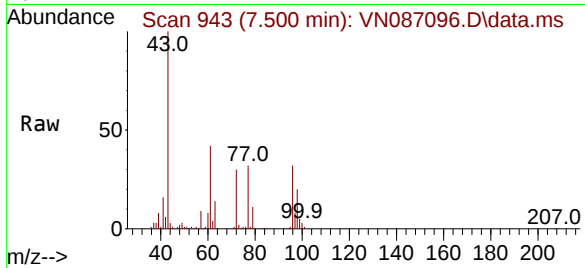




#27
 cis-1,2-Dichloroethene
 Concen: 51.793 ug/l
 RT: 7.500 min Scan# 943
 Delta R.T. -0.000 min
 Lab File: VN087096.D
 Acq: 18 Jun 2025 19:00

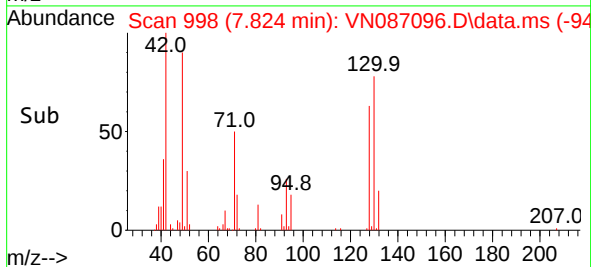
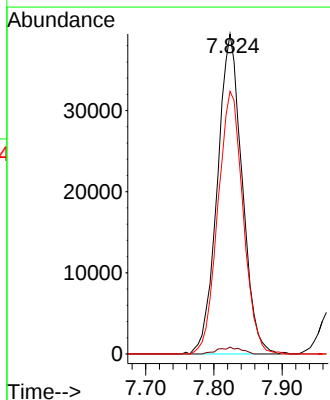
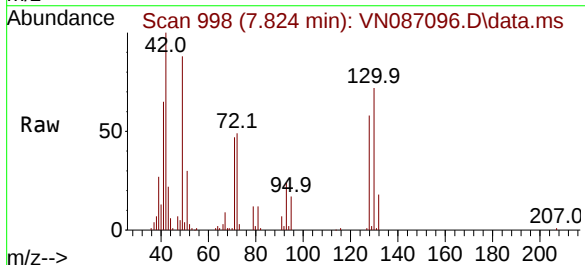
Instrument :
 MSVOA_N
 ClientSampleId :
 TT191D1-20250609MS

Tgt Ion: 96 Resp: 151416
 Ion Ratio Lower Upper
 96 100
 61 136.2 0.0 278.0
 98 64.3 0.0 128.2



#28
 Bromochloromethane
 Concen: 45.861 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. -0.000 min
 Lab File: VN087096.D
 Acq: 18 Jun 2025 19:00

Tgt Ion: 49 Resp: 99672
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 83.4 62.2 93.2





#29

Tetrahydrofuran

Concen: 233.508 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. -0.006 min

Lab File: VN087096.D

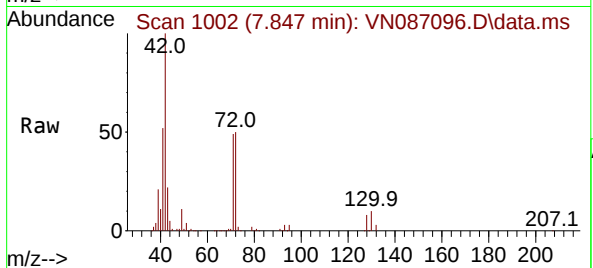
Acq: 18 Jun 2025 19:00

Instrument :

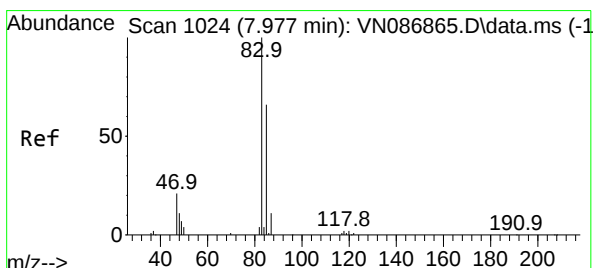
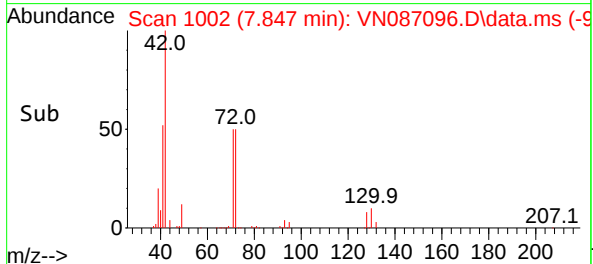
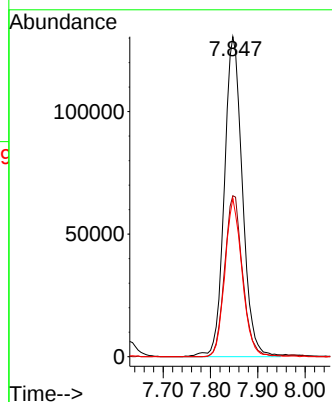
MSVOA_N

ClientSampleId :

TT191D1-20250609MS



Tgt Ion:	42	Resp:	346557
Ion	Ratio	Lower	Upper
42	100		
72	50.0	37.8	56.6
71	47.1	35.6	53.4



#30

Chloroform

Concen: 52.145 ug/l

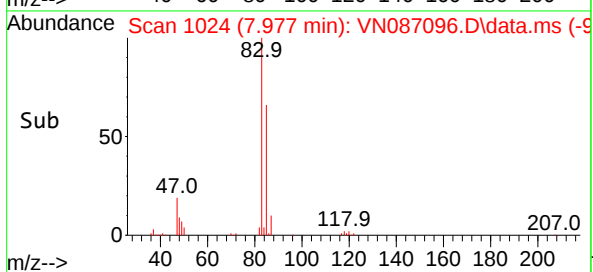
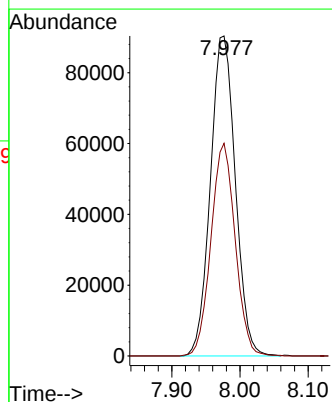
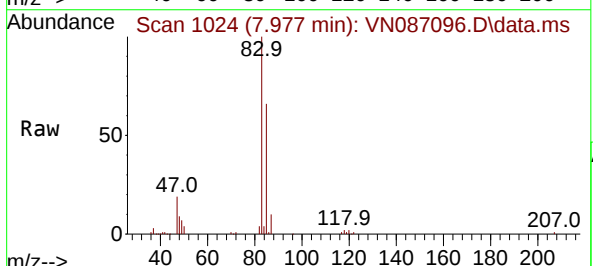
RT: 7.977 min Scan# 1024

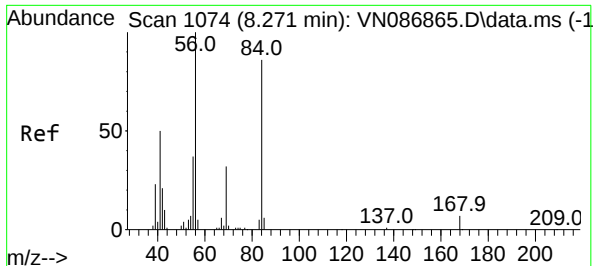
Delta R.T. -0.000 min

Lab File: VN087096.D

Acq: 18 Jun 2025 19:00

Tgt Ion:	83	Resp:	230181
Ion	Ratio	Lower	Upper
83	100		
85	66.5	52.9	79.3

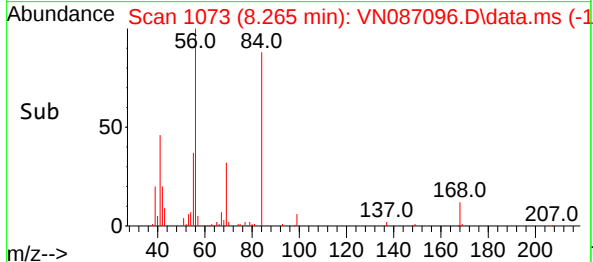
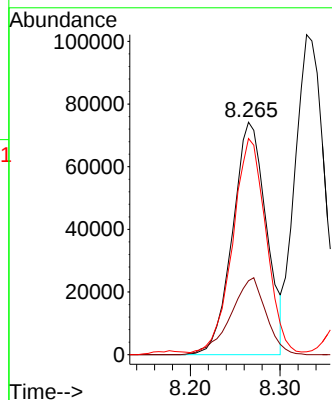
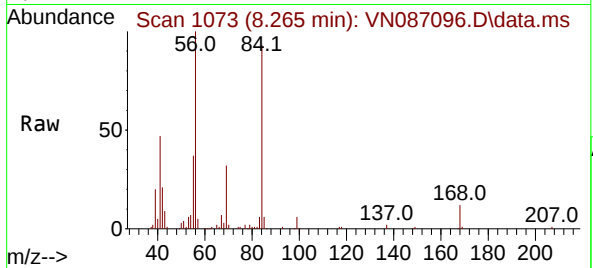




#31
Cyclohexane
Concen: 45.324 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

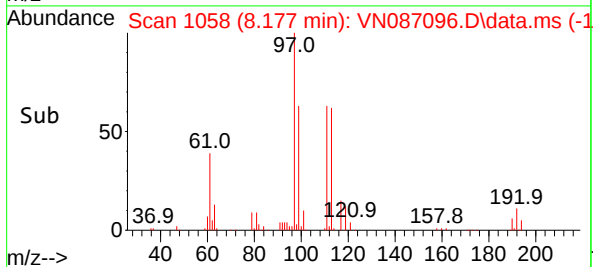
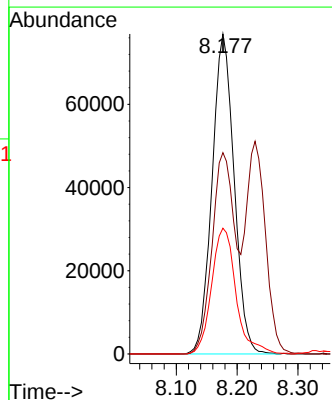
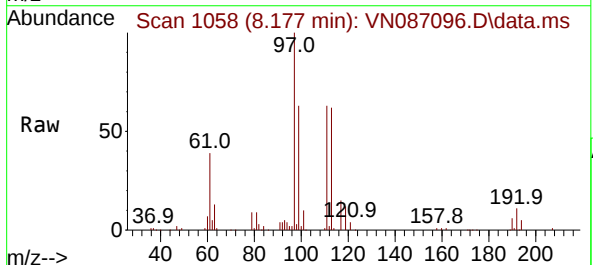
Instrument :
MSVOA_N
ClientSampleId :
TT191D1-20250609MS

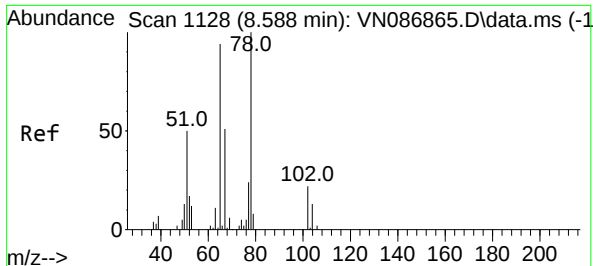
Tgt Ion: 56 Resp: 194291
Ion Ratio Lower Upper
56 100
69 31.8 25.4 38.0
84 91.7 68.8 103.2



#32
1,1,1-Trichloroethane
Concen: 51.562 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

Tgt Ion: 97 Resp: 193588
Ion Ratio Lower Upper
97 100
99 65.9 52.0 78.0
61 43.4 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 51.198 ug/l

RT: 8.582 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN087096.D

Acq: 18 Jun 2025 19:00

Instrument :

MSVOA_N

ClientSampleId :

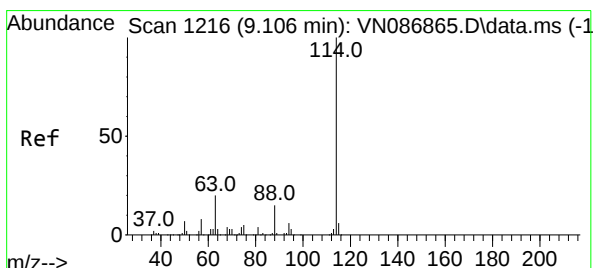
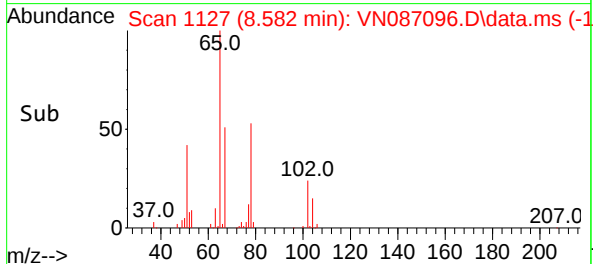
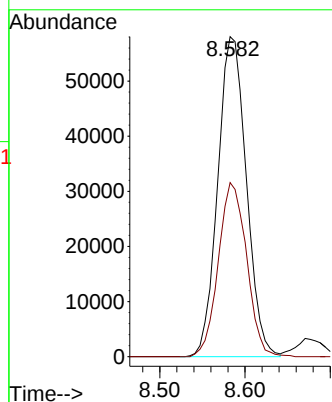
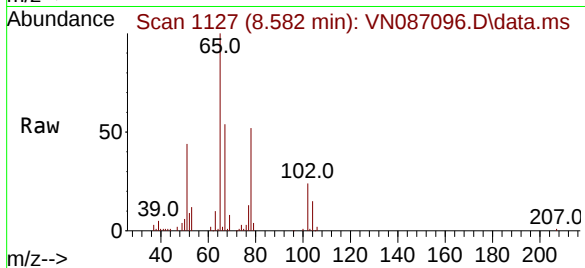
TT191D1-20250609MS

Tgt Ion: 65 Resp: 135317

Ion Ratio Lower Upper

65 100

67 53.8 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: VN087096.D

Acq: 18 Jun 2025 19:00

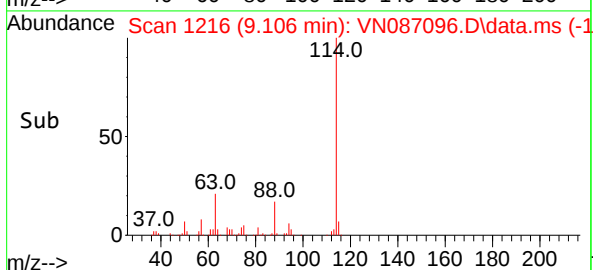
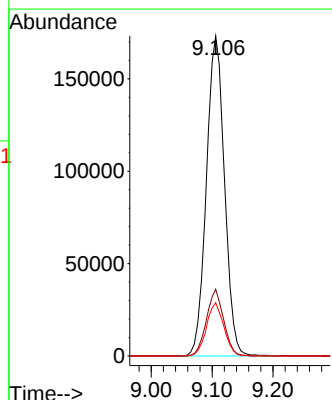
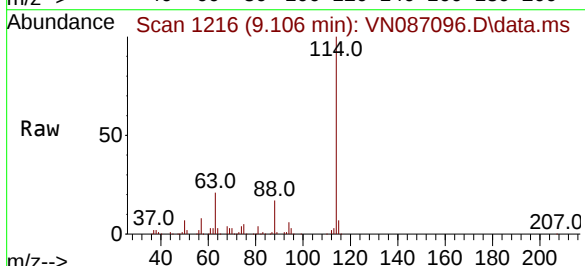
Tgt Ion:114 Resp: 358053

Ion Ratio Lower Upper

114 100

63 20.8 0.0 39.6

88 16.7 0.0 30.2

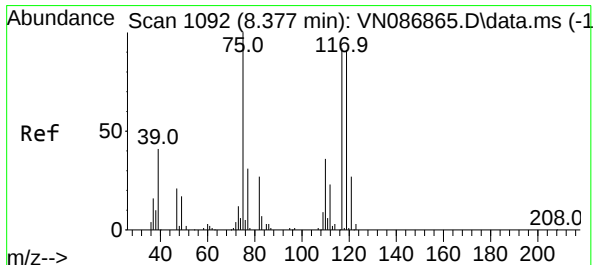
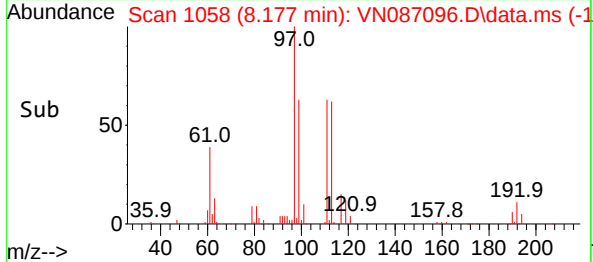
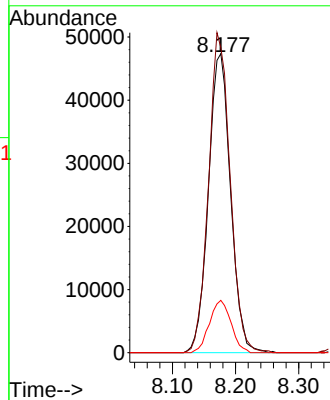
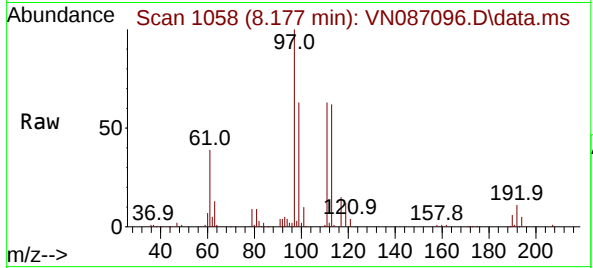




#35
Dibromofluoromethane
Concen: 54.413 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

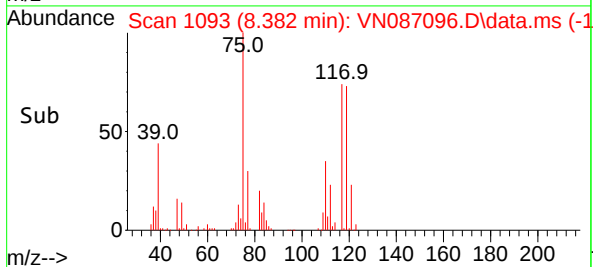
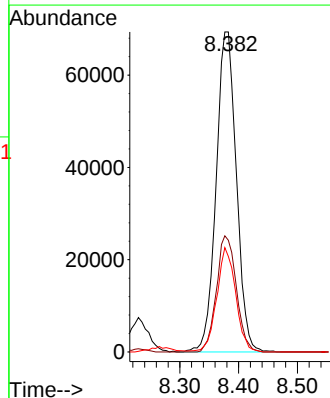
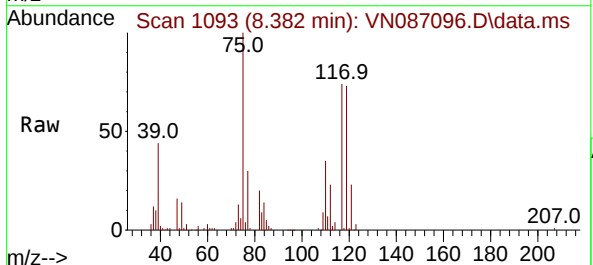
Instrument :
MSVOA_N
ClientSampleId :
TT191D1-20250609MS

Tgt Ion:113 Resp: 115460
Ion Ratio Lower Upper
113 100
111 104.3 84.2 126.2
192 17.1 14.2 21.4



#36
1,1-Dichloropropene
Concen: 52.490 ug/l
RT: 8.382 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

Tgt Ion: 75 Resp: 165965
Ion Ratio Lower Upper
75 100
110 35.7 17.6 52.9
77 30.6 25.3 37.9

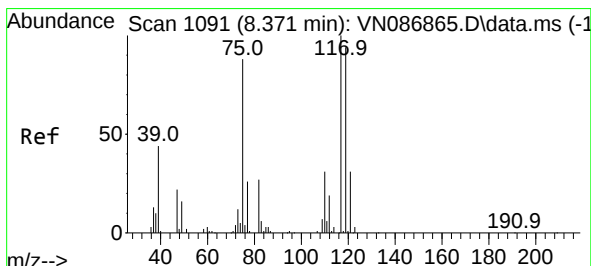
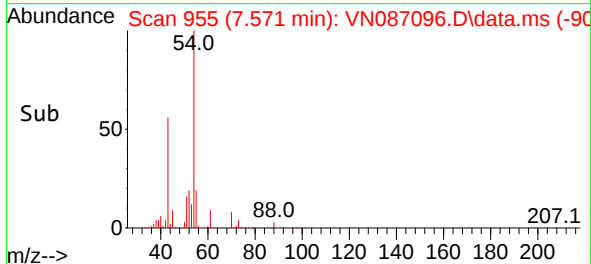
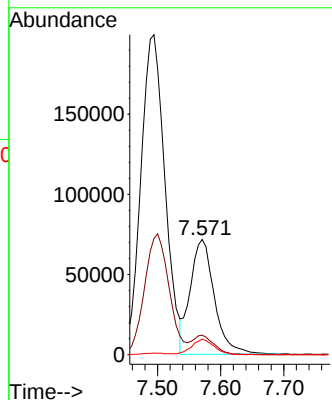
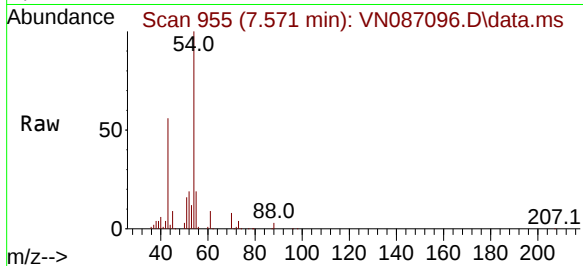




#37
Ethyl Acetate
Concen: 47.476 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

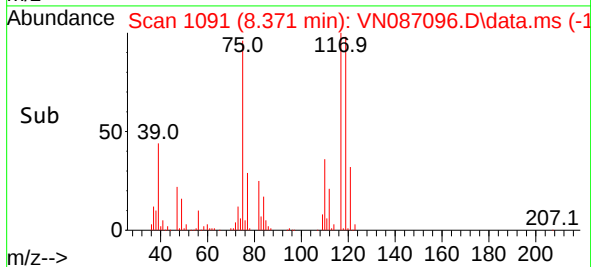
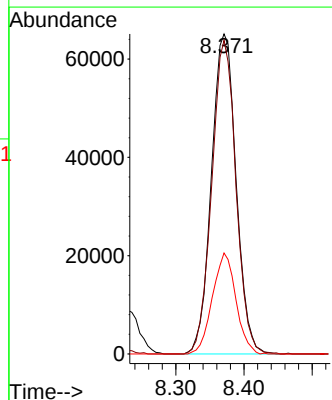
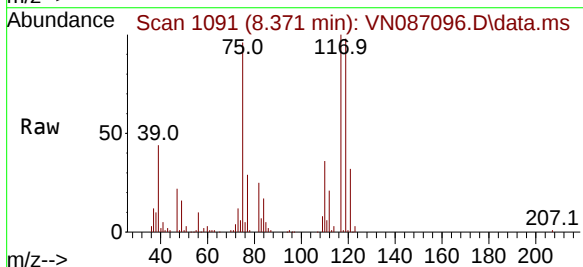
Instrument :
MSVOA_N
ClientSampleId :
TT191D1-20250609MS

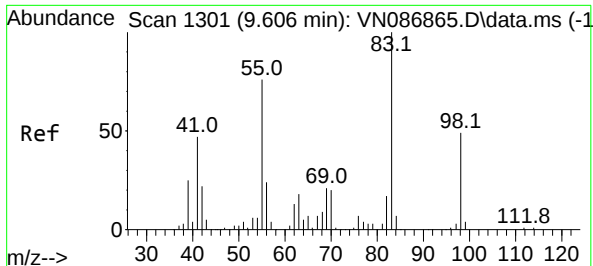
Tgt Ion: 43 Resp: 191092
Ion Ratio Lower Upper
43 100
61 15.2 12.1 18.1
70 12.4 9.8 14.6



#38
Carbon Tetrachloride
Concen: 52.876 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

Tgt Ion: 117 Resp: 164139
Ion Ratio Lower Upper
117 100
119 98.0 75.0 112.6
121 31.5 24.9 37.3





#39

Methylcyclohexane

Concen: 41.790 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN087096.D

Acq: 18 Jun 2025 19:00

Instrument :

MSVOA_N

ClientSampleId :

TT191D1-20250609MS

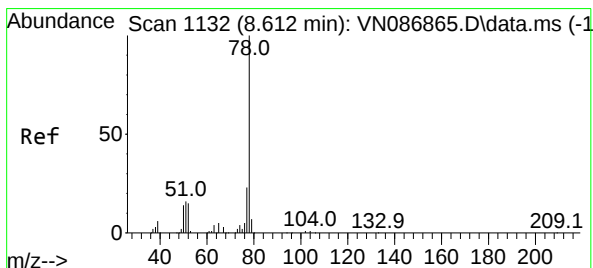
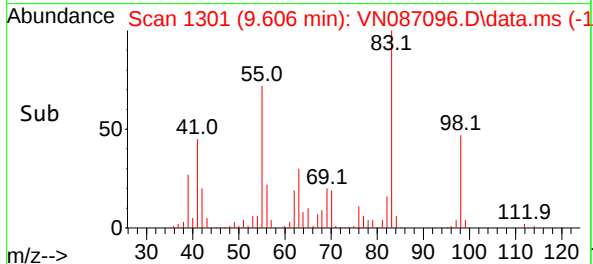
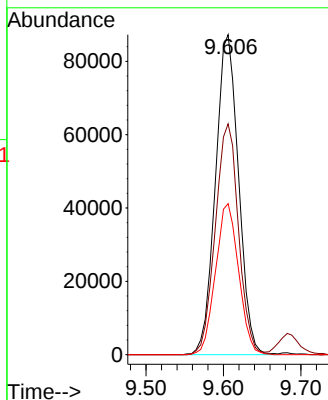
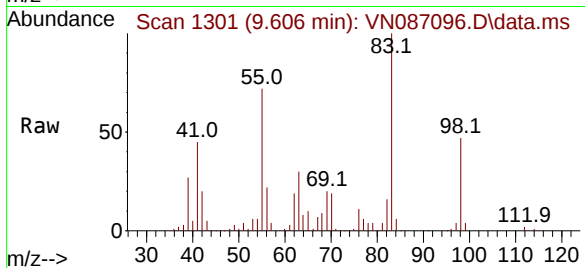
Tgt Ion: 83 Resp: 181028

Ion Ratio Lower Upper

83 100

55 72.2 61.0 91.6

98 47.2 38.9 58.3



#40

Benzene

Concen: 51.473 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN087096.D

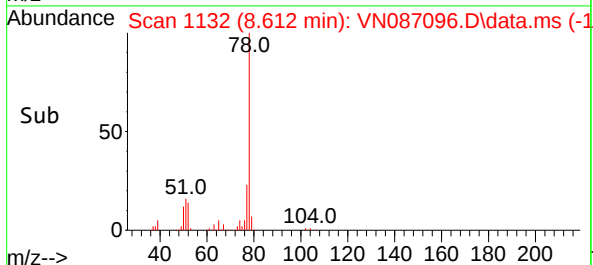
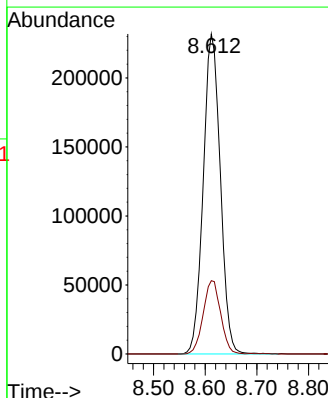
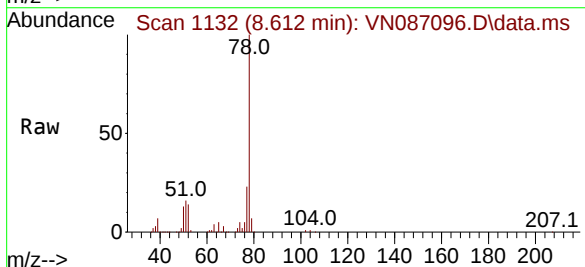
Acq: 18 Jun 2025 19:00

Tgt Ion: 78 Resp: 532196

Ion Ratio Lower Upper

78 100

77 22.9 18.7 28.1

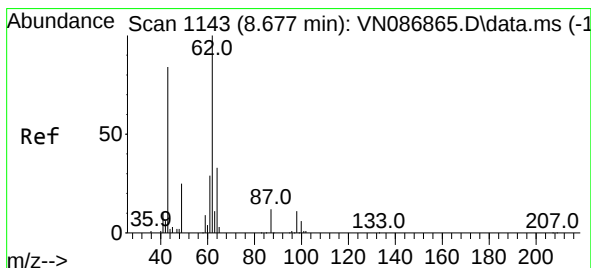
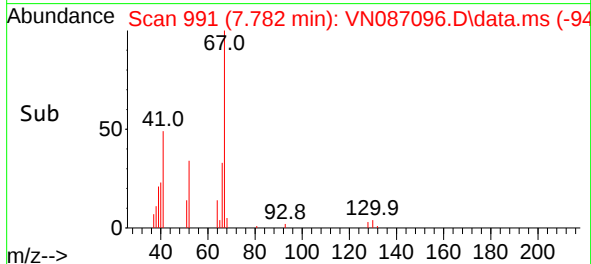
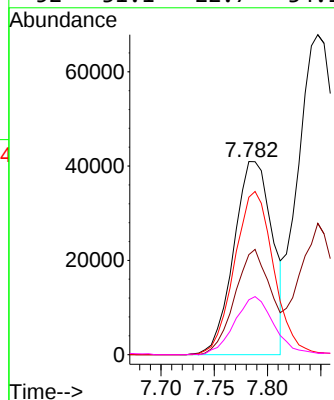
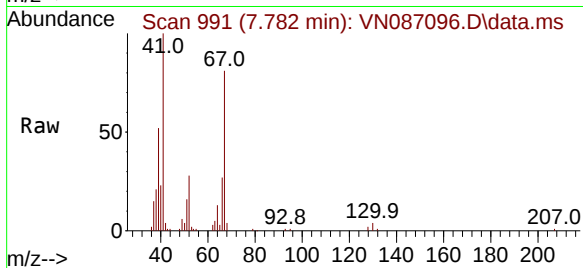




#41
Methacrylonitrile
Concen: 45.773 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

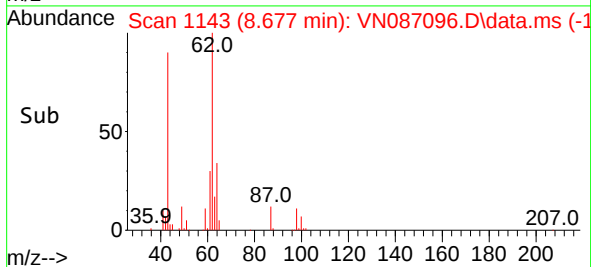
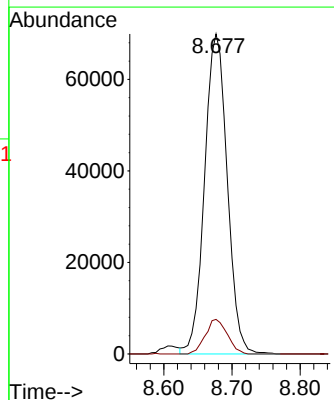
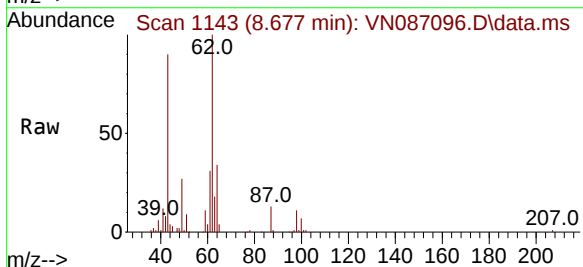
Instrument :
MSVOA_N
ClientSampleId :
TT191D1-20250609MS

Tgt Ion:	41	Resp:	103469
Ion	Ratio	Lower	Upper
41	100		
39	50.8	41.2	61.8
67	85.9	61.4	92.2
52	31.1	22.7	34.1



#42
1,2-Dichloroethane
Concen: 51.568 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

Tgt Ion:	62	Resp:	161720
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	21.2

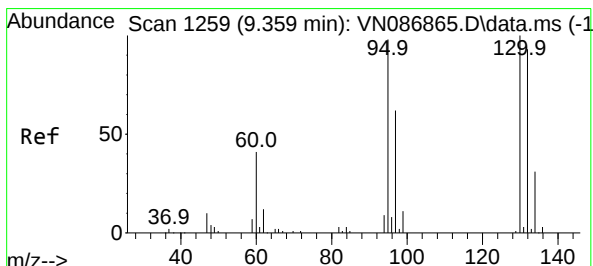
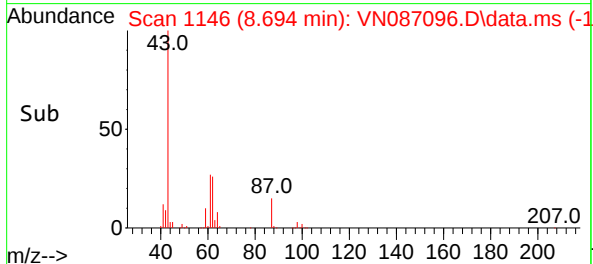
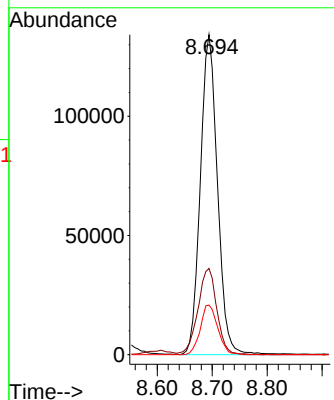
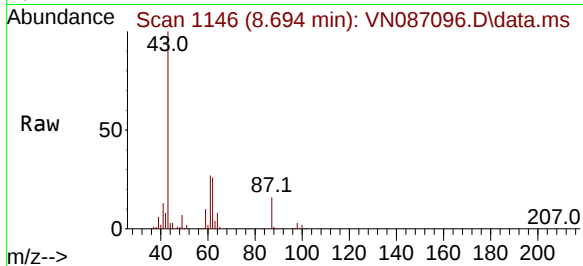




#43
Isopropyl Acetate
Concen: 44.982 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

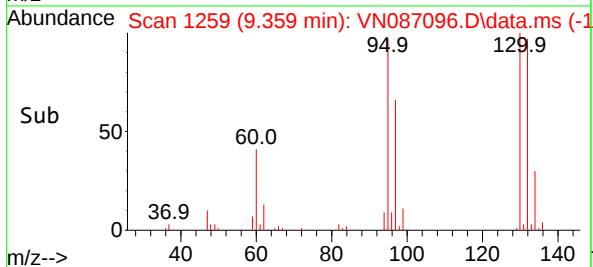
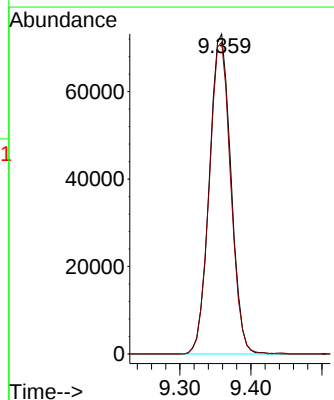
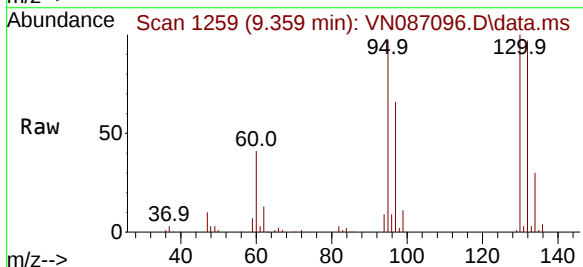
Instrument :
MSVOA_N
ClientSampleId :
TT191D1-20250609MS

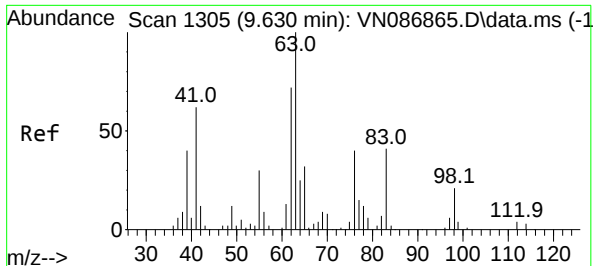
Tgt Ion:	43	Resp:	290596
Ion	Ratio	Lower	Upper
43	100		
61	29.8	22.1	33.1
87	15.8	11.8	17.6



#44
Trichloroethene
Concen: 62.743 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

Tgt Ion:	130	Resp:	153823
Ion	Ratio	Lower	Upper
130	100		
95	97.4	0.0	196.2





#45

1,2-Dichloropropane

Concen: 51.488 ug/l

RT: 9.623 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN087096.D

Acq: 18 Jun 2025 19:00

Instrument :

MSVOA_N

ClientSampleId :

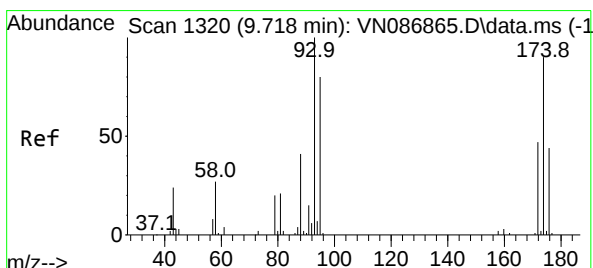
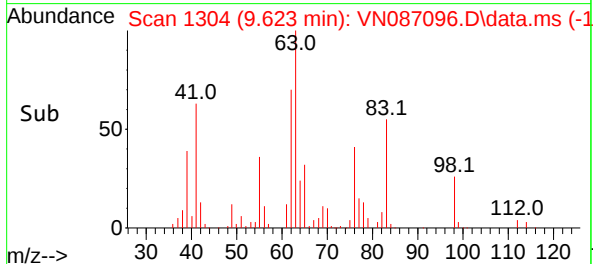
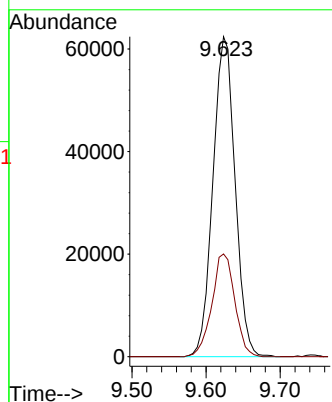
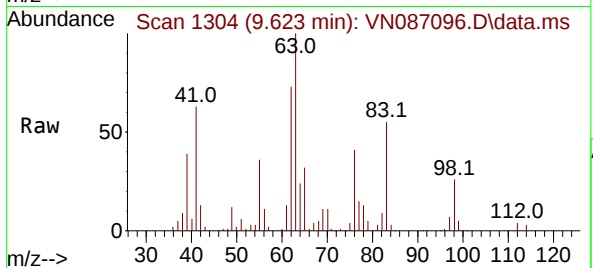
TT191D1-20250609MS

Tgt Ion: 63 Resp: 129515

Ion Ratio Lower Upper

63 100

65 32.1 25.5 38.3



#46

Dibromomethane

Concen: 53.104 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN087096.D

Acq: 18 Jun 2025 19:00

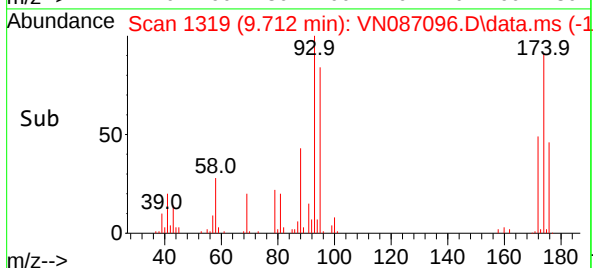
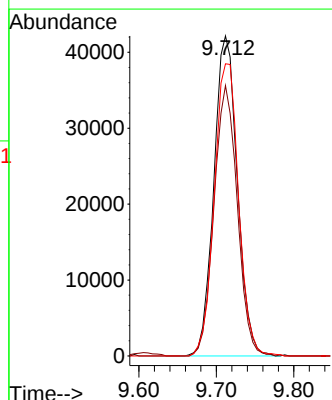
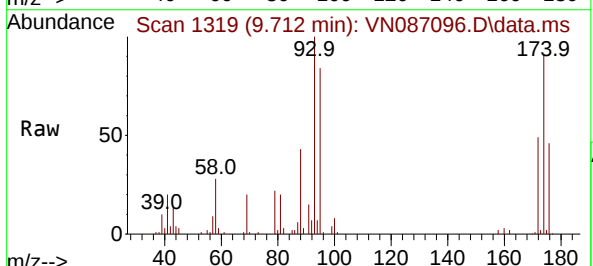
Tgt Ion: 93 Resp: 88725

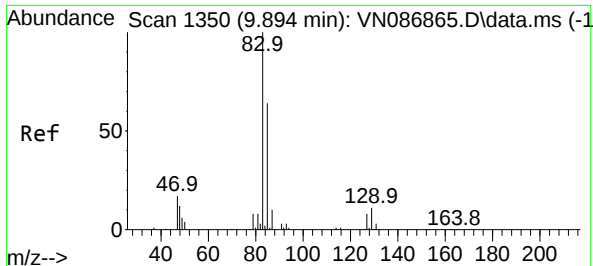
Ion Ratio Lower Upper

93 100

95 83.8 67.1 100.7

174 94.6 74.2 111.4

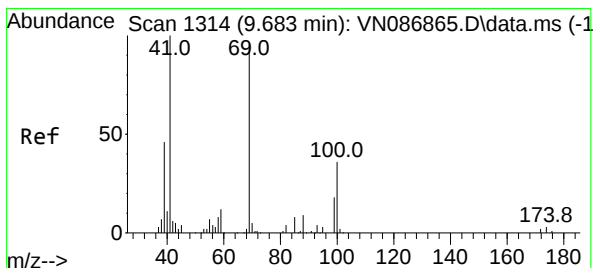
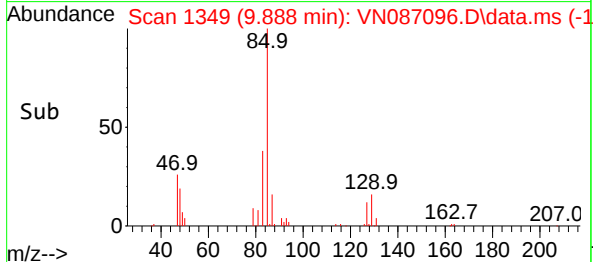
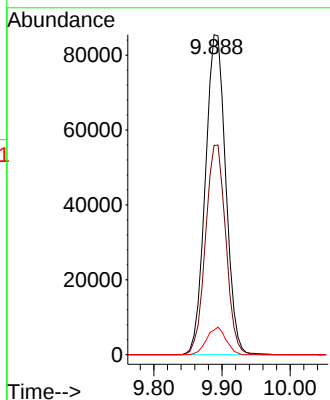
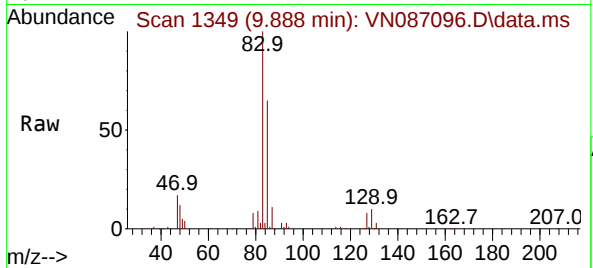




#47
Bromodichloromethane
Concen: 51.738 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

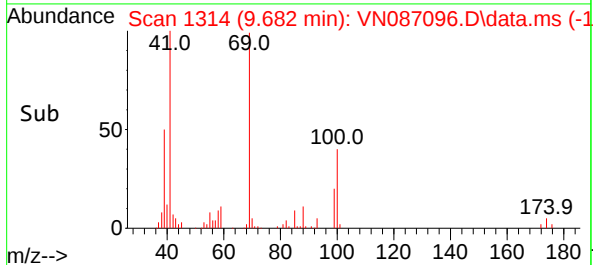
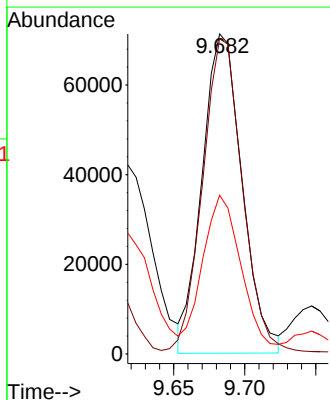
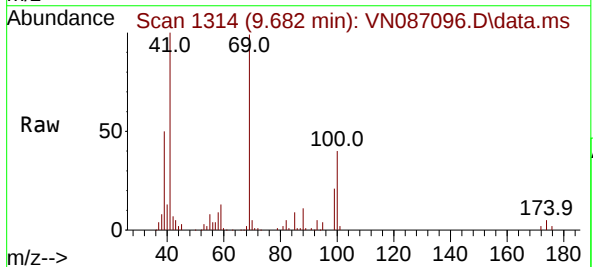
Instrument :
MSVOA_N
ClientSampleId :
TT191D1-20250609MS

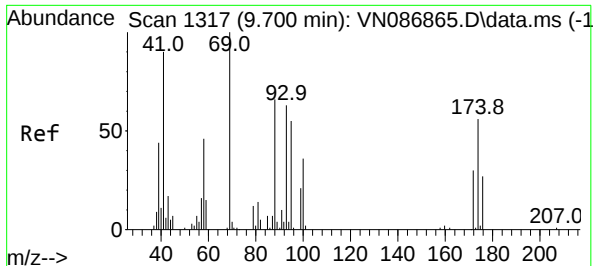
Tgt Ion: 83 Resp: 177855
Ion Ratio Lower Upper
83 100
85 65.4 50.9 76.3
127 7.7 6.6 10.0



#48
Methyl methacrylate
Concen: 46.902 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

Tgt Ion: 41 Resp: 139458
Ion Ratio Lower Upper
41 100
69 100.1 74.6 112.0
39 48.9 40.2 60.4

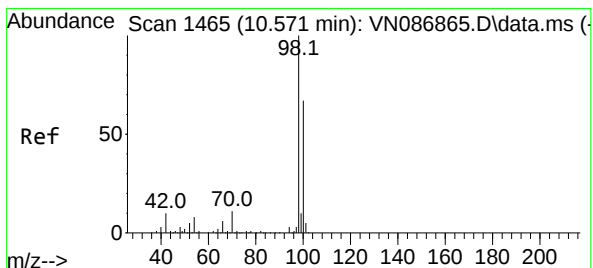
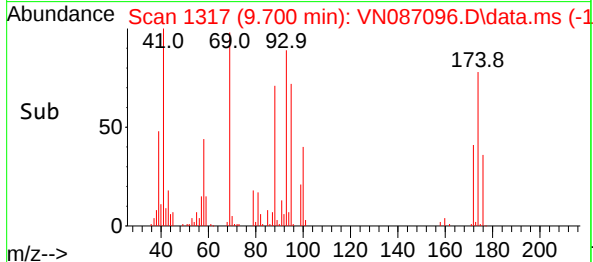
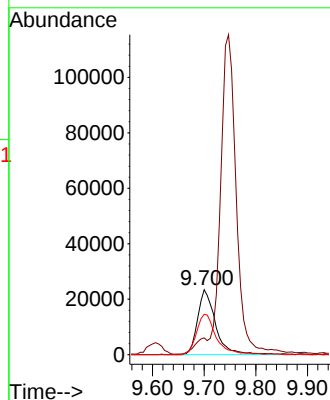
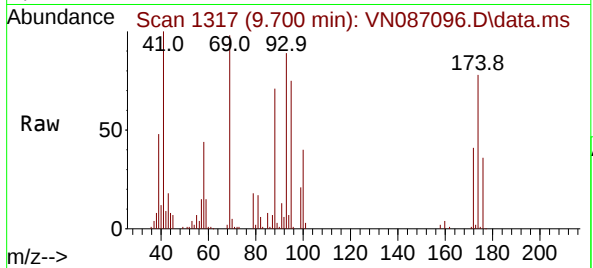




#49
1,4-Dioxane
Concen: 1046.182 ug/l
RT: 9.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

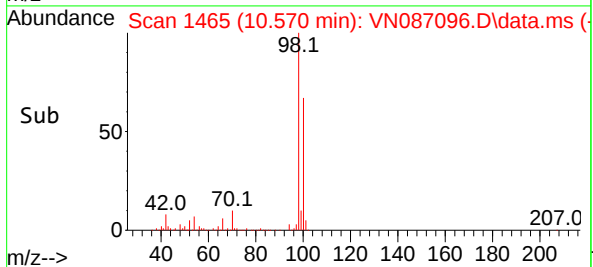
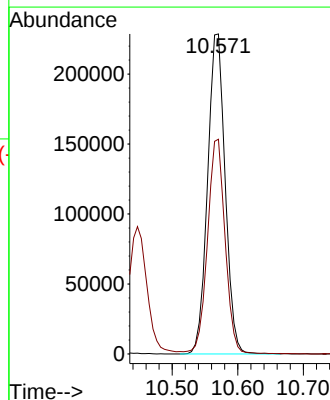
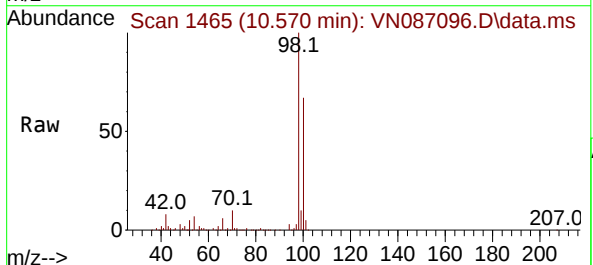
Instrument :
MSVOA_N
ClientSampleId :
TT191D1-20250609MS

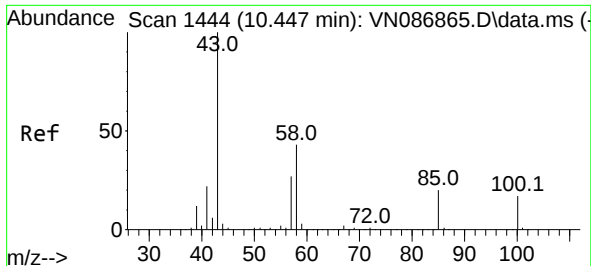
Tgt Ion: 88 Resp: 56591
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 68.2 57.7 86.5



#50
Toluene-d8
Concen: 50.772 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

Tgt Ion: 98 Resp: 426488
Ion Ratio Lower Upper
98 100
100 67.0 53.4 80.0

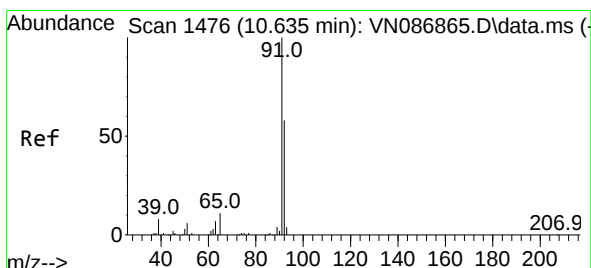
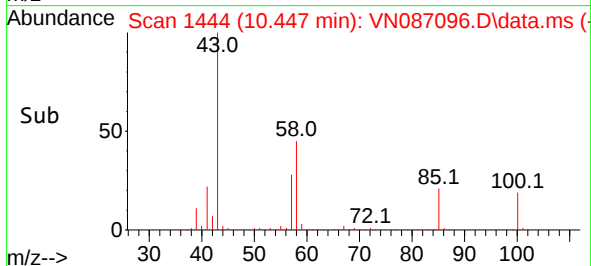
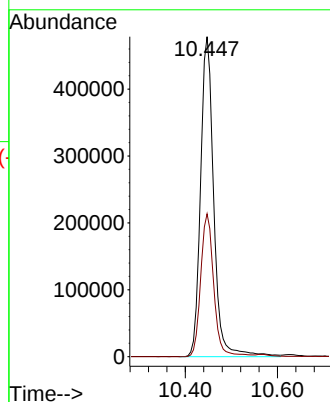
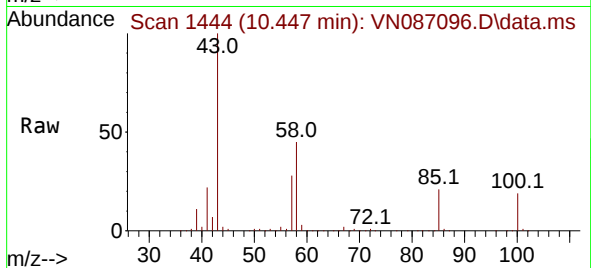




#51
4-Methyl-2-Pentanone
Concen: 245.913 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

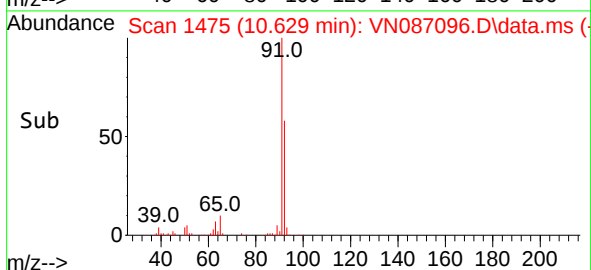
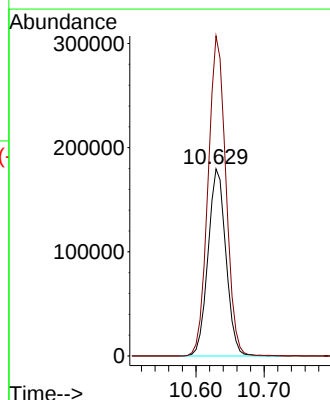
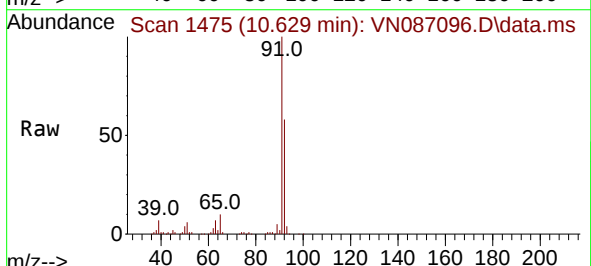
Instrument :
MSVOA_N
ClientSampleId :
TT191D1-20250609MS

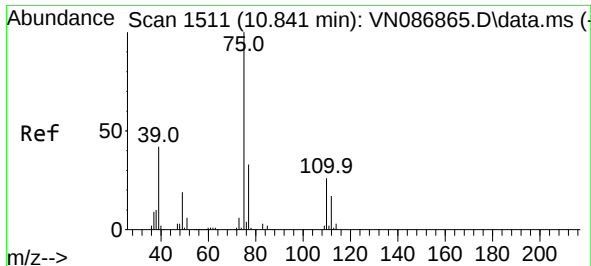
Tgt Ion: 43 Resp: 956382
Ion Ratio Lower Upper
43 100
58 44.2 34.2 51.4



#52
Toluene
Concen: 51.770 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

Tgt Ion: 92 Resp: 327116
Ion Ratio Lower Upper
92 100
91 170.8 136.5 204.7

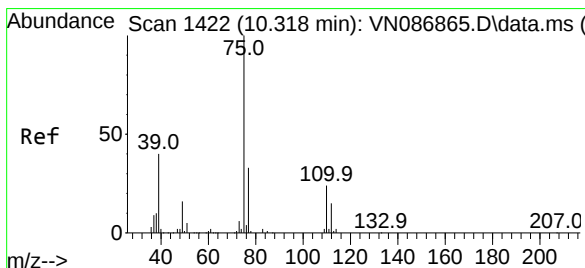
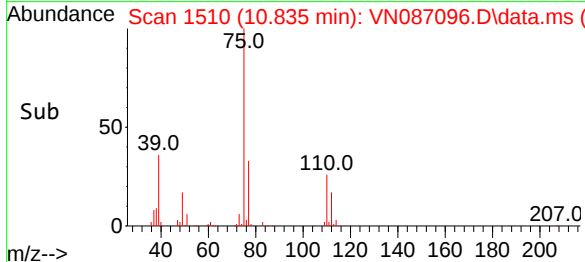
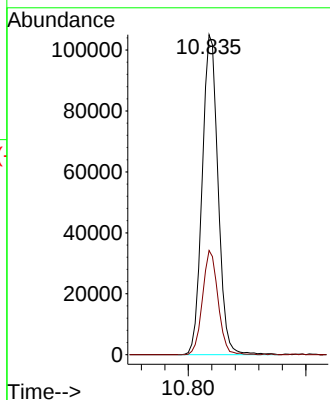
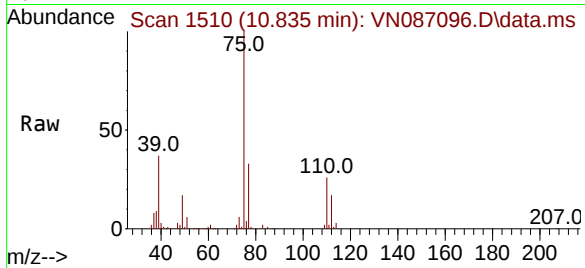




#53
t-1,3-Dichloropropene
Concen: 51.158 ug/l
RT: 10.835 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

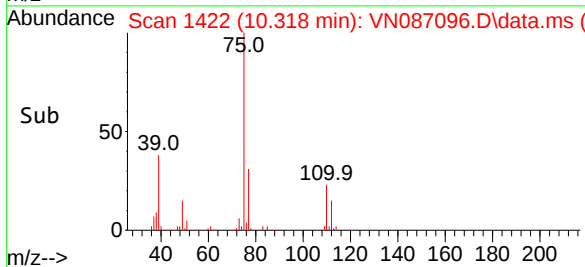
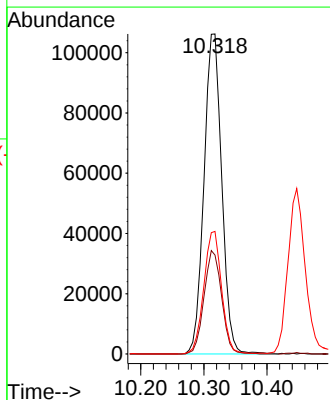
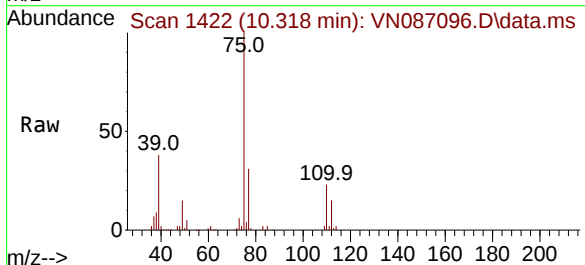
Instrument :
MSVOA_N
ClientSampleId :
TT191D1-20250609MS

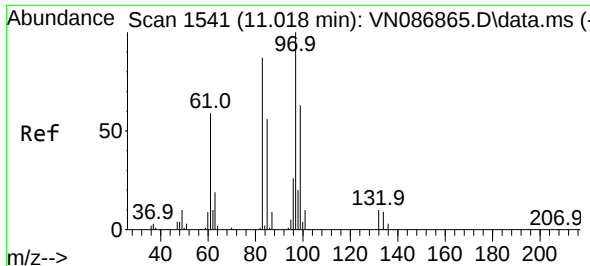
Tgt Ion: 75 Resp: 196648
Ion Ratio Lower Upper
75 100
77 32.5 26.4 39.6



#54
cis-1,3-Dichloropropene
Concen: 50.413 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

Tgt Ion: 75 Resp: 207342
Ion Ratio Lower Upper
75 100
77 30.9 26.2 39.4
39 38.3 32.3 48.5

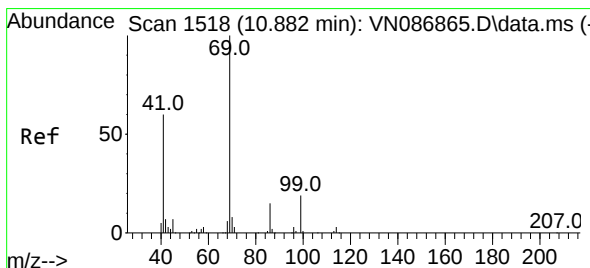
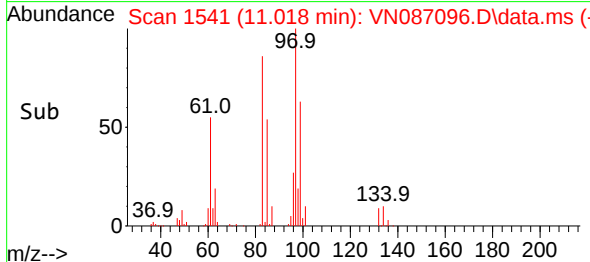
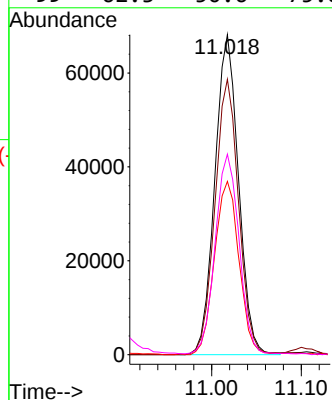
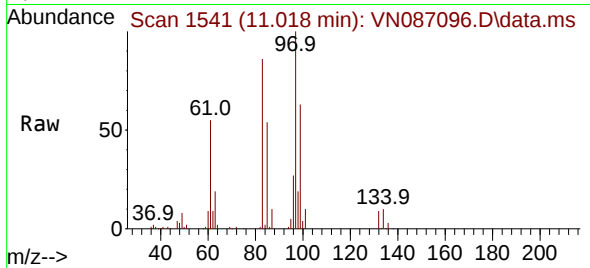




#55
1,1,2-Trichloroethane
Concen: 51.382 ug/l
RT: 11.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

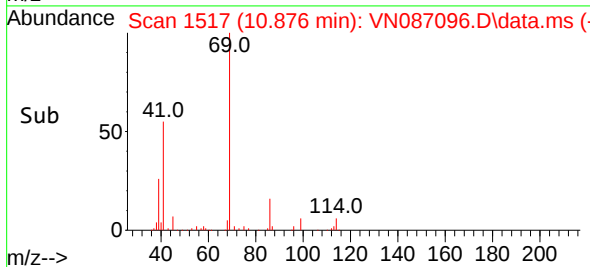
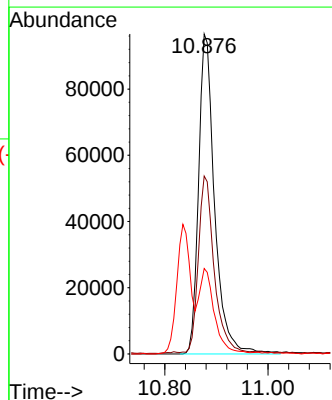
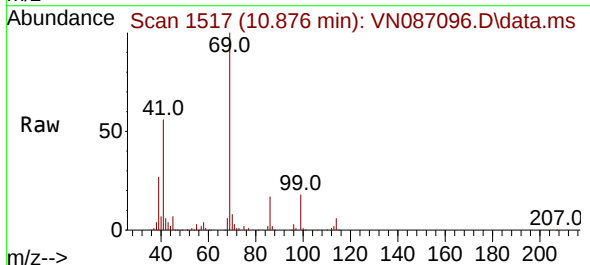
Instrument :
MSVOA_N
ClientSampleId :
TT191D1-20250609MS

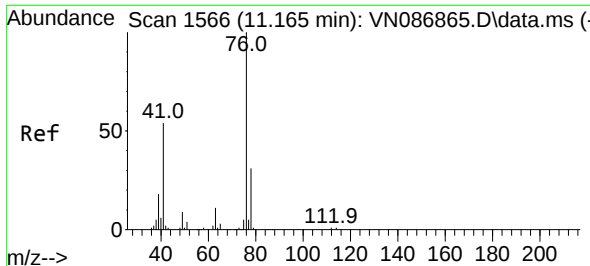
Tgt Ion:	97	Resp:	124925
Ion	Ratio	Lower	Upper
97	100		
83	86.1	69.7	104.5
85	53.9	45.1	67.7
99	62.3	50.6	75.8



#56
Ethyl methacrylate
Concen: 53.779 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

Tgt Ion:	69	Resp:	208260
Ion	Ratio	Lower	Upper
69	100		
41	54.0	47.2	70.8
39	24.8	23.0	34.6

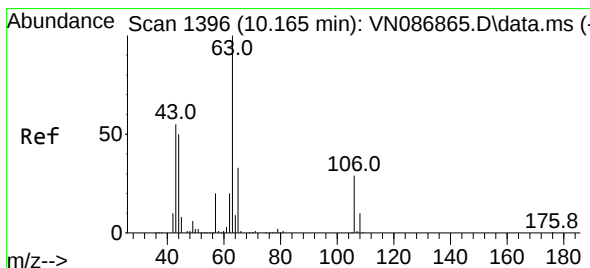
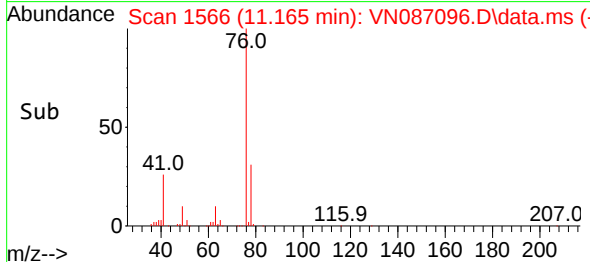
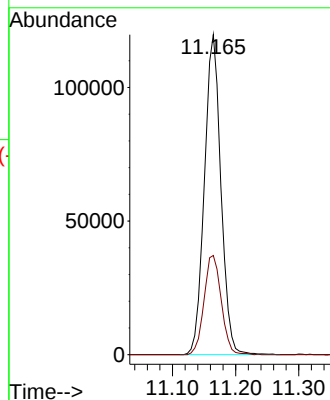
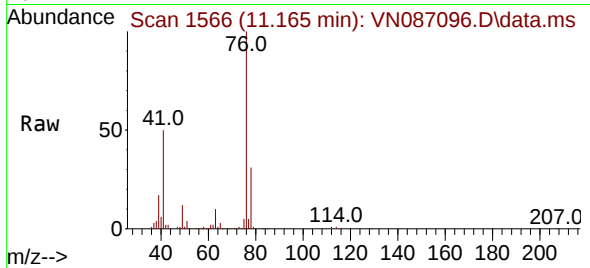




#57
1,3-Dichloropropane
Concen: 51.468 ug/l
RT: 11.165 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

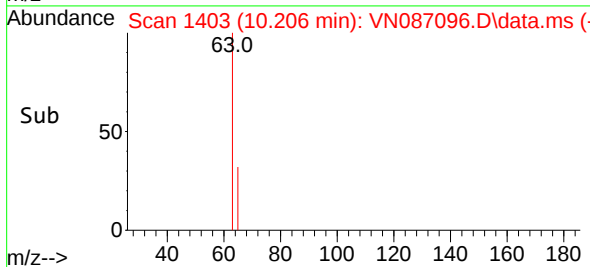
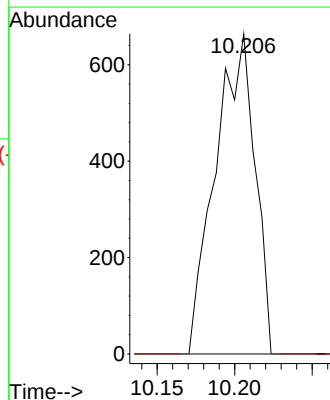
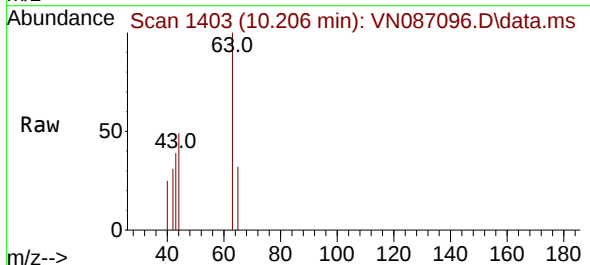
Instrument :
MSVOA_N
ClientSampleId :
TT191D1-20250609MS

Tgt Ion: 76 Resp: 217073
Ion Ratio Lower Upper
76 100
78 32.4 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 0.510 ug/l
RT: 10.206 min Scan# 1403
Delta R.T. 0.041 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

Tgt Ion: 63 Resp: 1177
Ion Ratio Lower Upper
63 100
106 0.0 23.0 34.6#

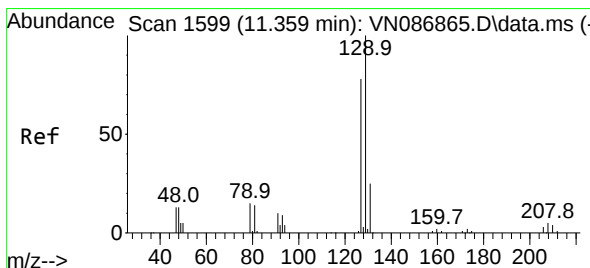
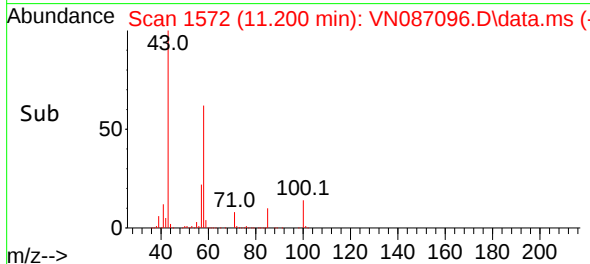
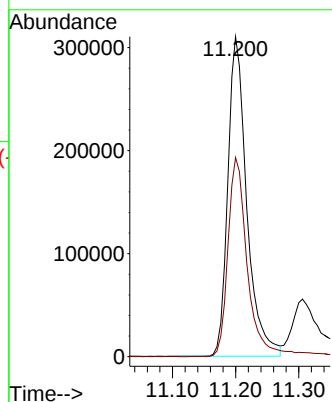
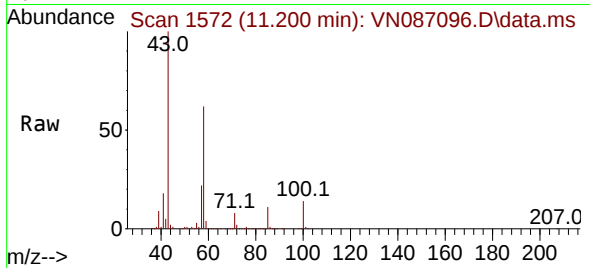




#59
2-Hexanone
Concen: 257.623 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

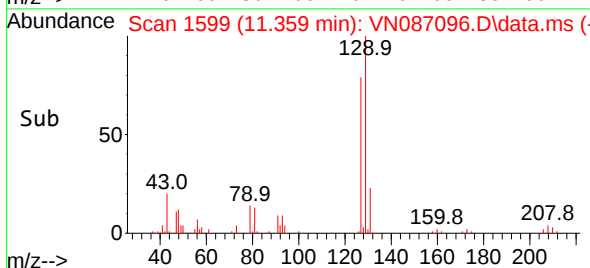
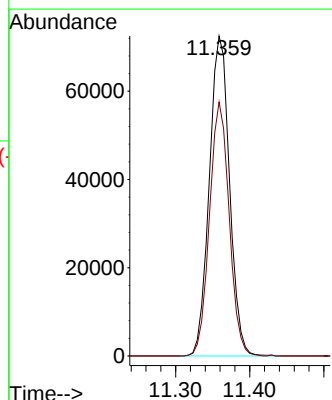
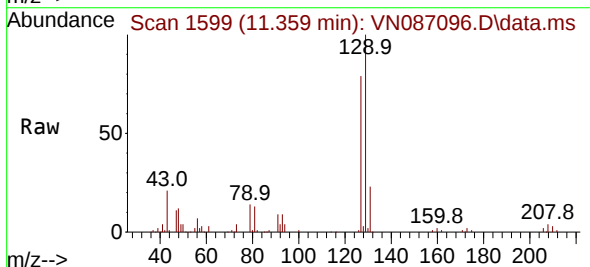
Instrument :
MSVOA_N
ClientSampleId :
TT191D1-20250609MS

Tgt Ion: 43 Resp: 645373
Ion Ratio Lower Upper
43 100
58 65.7 30.4 91.3



#60
Dibromochloromethane
Concen: 54.205 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

Tgt Ion: 129 Resp: 137309
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.8

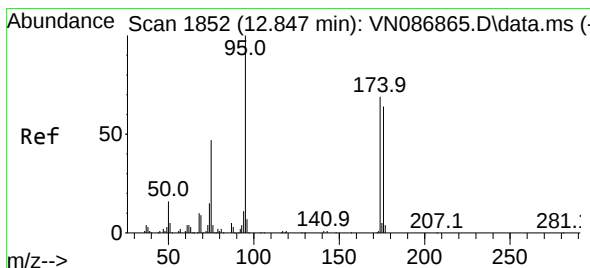
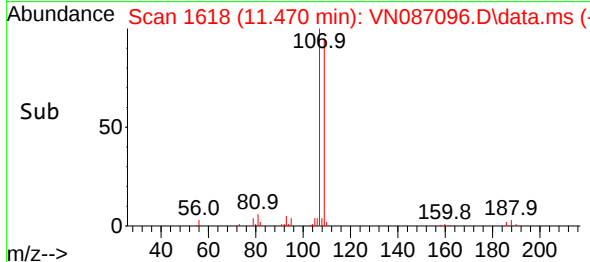
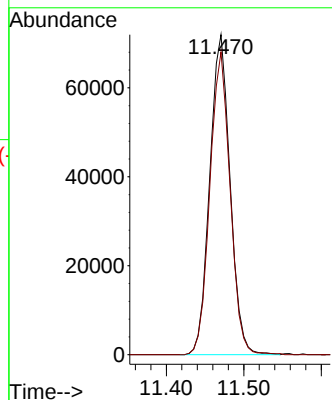
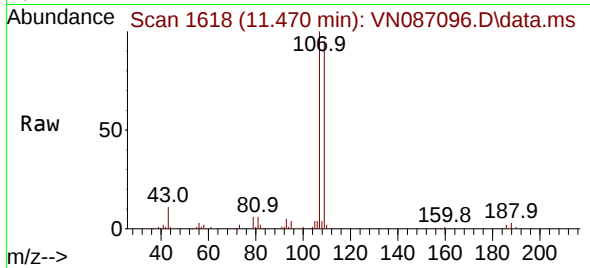




#61
1,2-Dibromoethane
Concen: 52.630 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

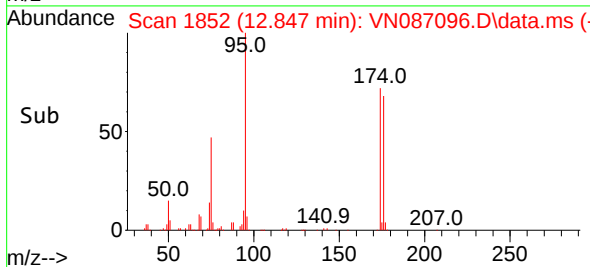
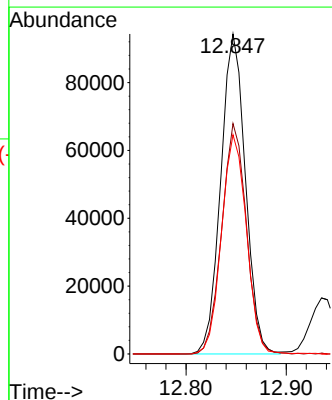
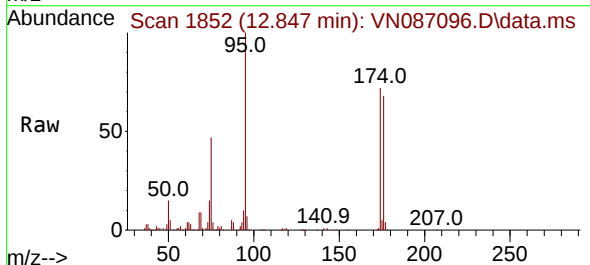
Instrument :
MSVOA_N
ClientSampleId :
TT191D1-20250609MS

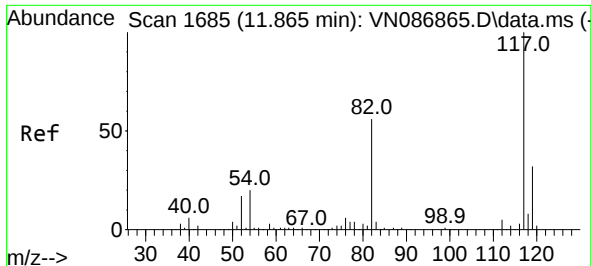
Tgt Ion:107 Resp: 131156
Ion Ratio Lower Upper
107 100
109 94.1 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 51.654 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

Tgt Ion: 95 Resp: 161206
Ion Ratio Lower Upper
95 100
174 71.8 0.0 141.8
176 69.1 0.0 132.6

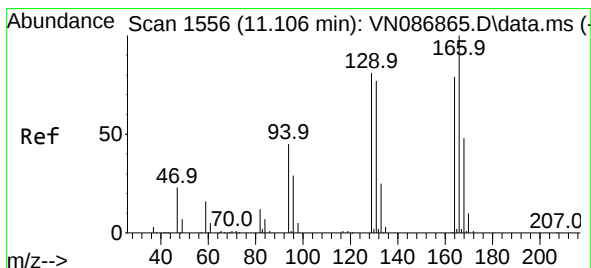
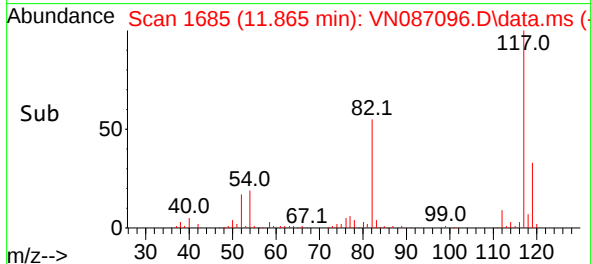
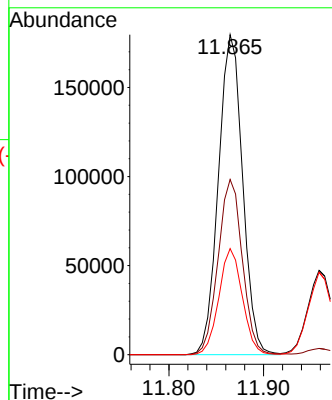
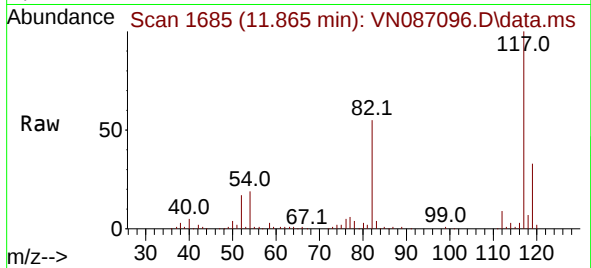




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

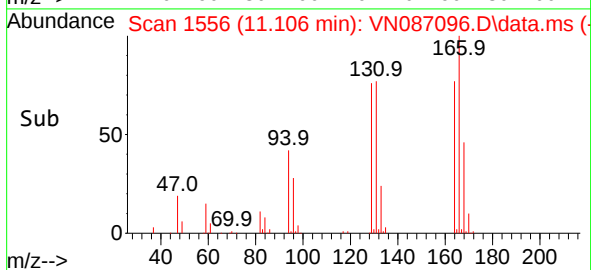
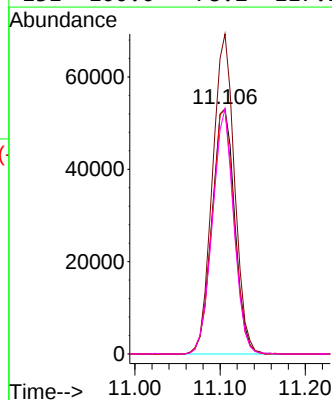
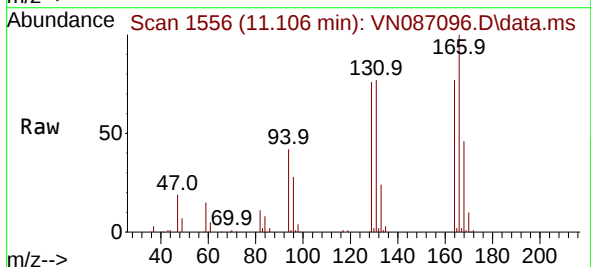
Instrument :
MSVOA_N
ClientSampleId :
TT191D1-20250609MS

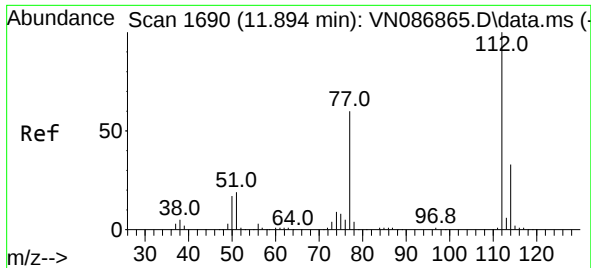
Tgt Ion:117 Resp: 319487
Ion Ratio Lower Upper
117 100
82 54.8 44.6 67.0
119 33.1 25.5 38.3



#64
Tetrachloroethene
Concen: 48.740 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

Tgt Ion:164 Resp: 98548
Ion Ratio Lower Upper
164 100
166 130.6 101.8 152.8
129 99.7 83.0 124.4
131 100.0 78.2 117.2

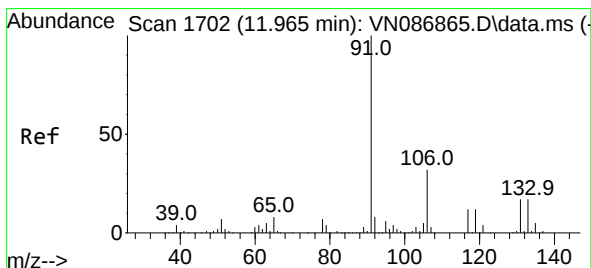
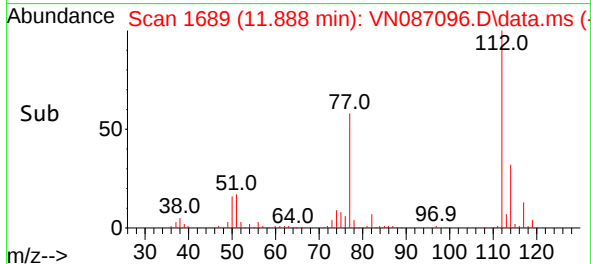
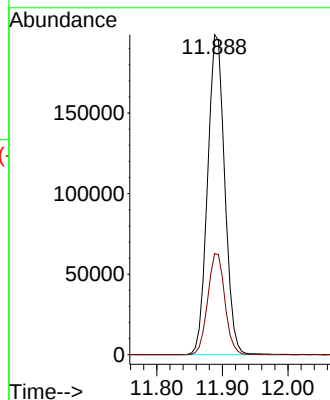
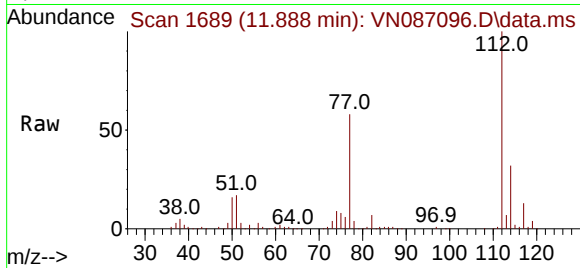




#65
Chlorobenzene
Concen: 51.235 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.006 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

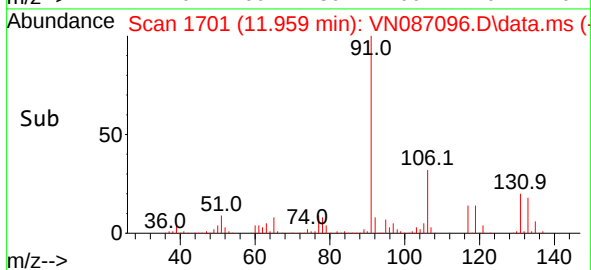
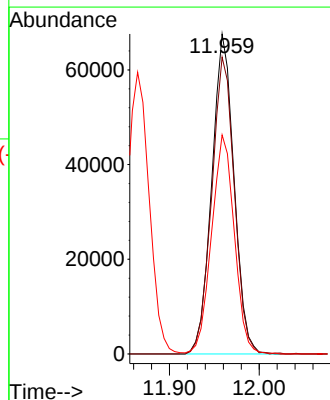
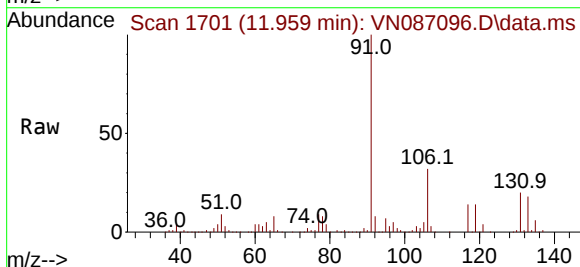
Instrument :
MSVOA_N
ClientSampleId :
TT191D1-20250609MS

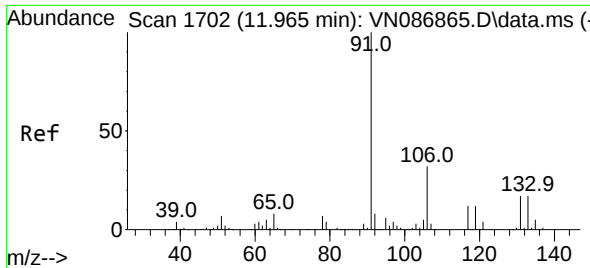
Tgt Ion:112 Resp: 361021
Ion Ratio Lower Upper
112 100
114 31.6 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 51.343 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

Tgt Ion:131 Resp: 116295
Ion Ratio Lower Upper
131 100
133 94.5 48.3 144.8
119 70.0 34.0 101.8

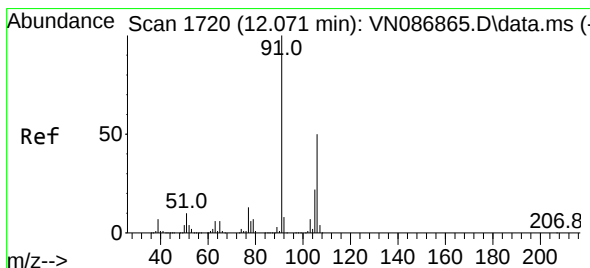
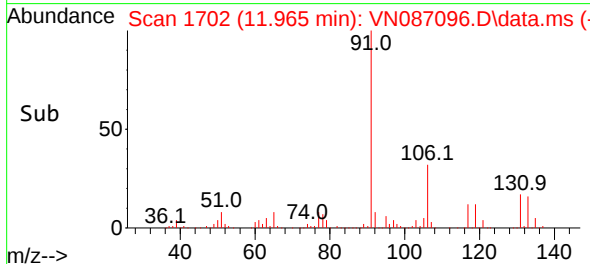
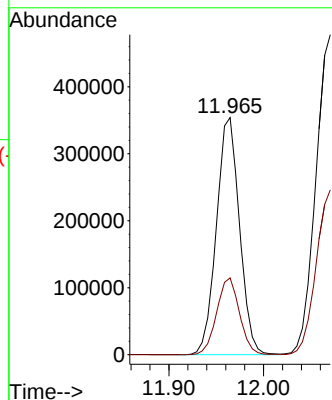
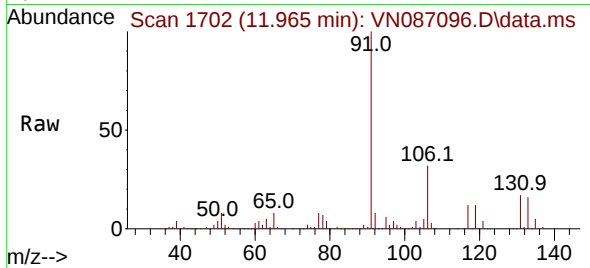




#67
Ethyl Benzene
Concen: 49.396 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

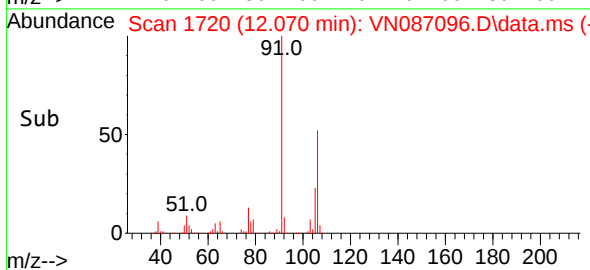
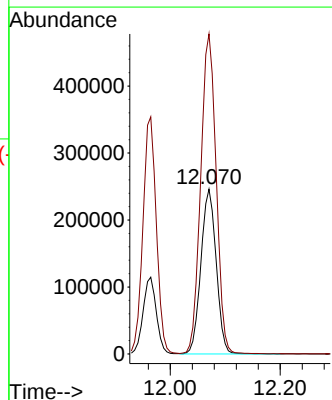
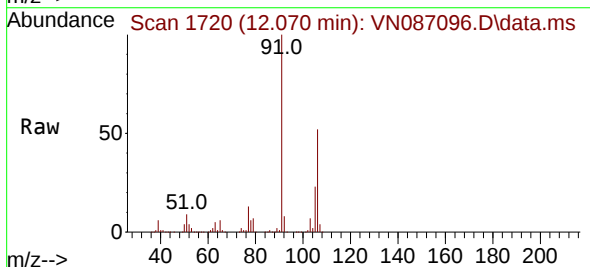
Instrument :
MSVOA_N
ClientSampleId :
TT191D1-20250609MS

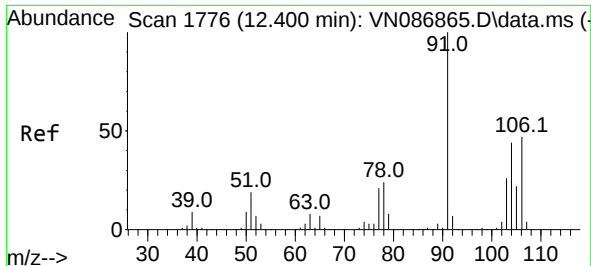
Tgt Ion: 91 Resp: 599533
Ion Ratio Lower Upper
91 100
106 32.4 25.4 38.2



#68
m/p-Xylenes
Concen: 102.218 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

Tgt Ion:106 Resp: 474921
Ion Ratio Lower Upper
106 100
91 196.6 159.4 239.0

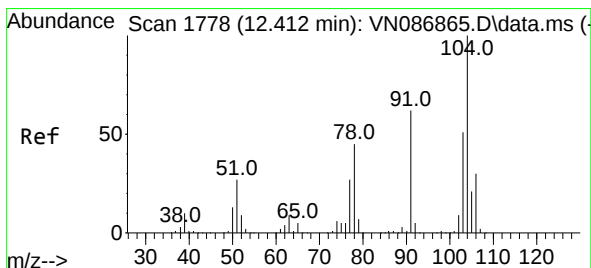
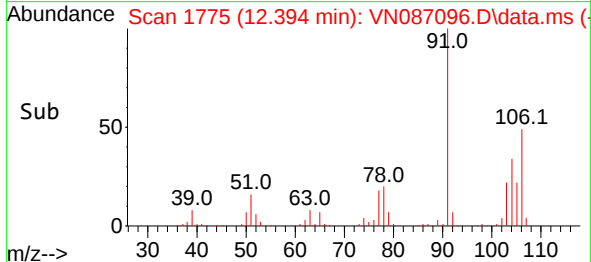
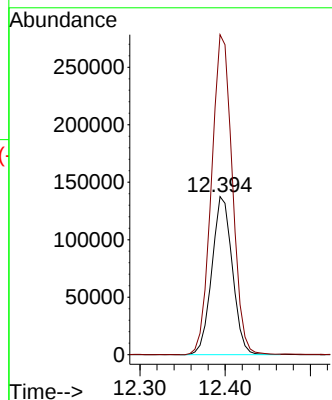
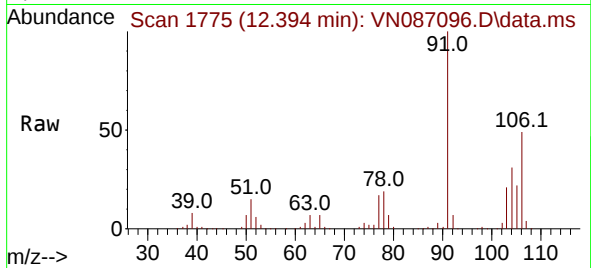




#69
o-Xylene
Concen: 51.654 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

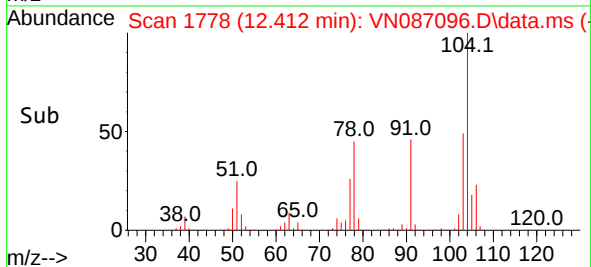
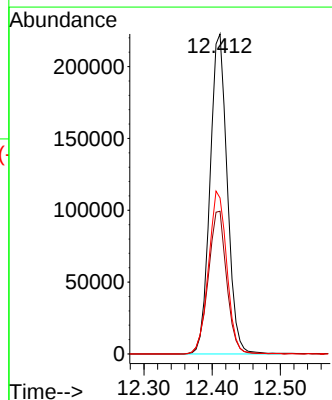
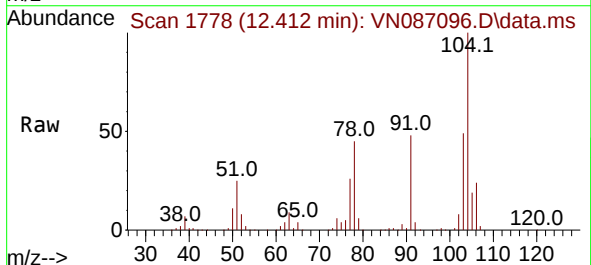
Instrument :
MSVOA_N
ClientSampleId :
TT191D1-20250609MS

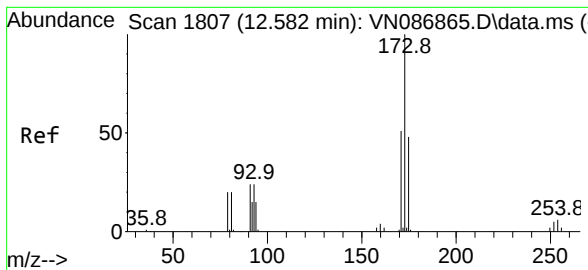
Tgt Ion:106 Resp: 229851
Ion Ratio Lower Upper
106 100
91 206.0 106.1 318.1



#70
Styrene
Concen: 51.531 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

Tgt Ion:104 Resp: 392378
Ion Ratio Lower Upper
104 100
78 47.6 38.5 57.7
103 53.9 43.1 64.7





#71

Bromoform

Concen: 54.830 ug/l

RT: 12.576 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN087096.D

Acq: 18 Jun 2025 19:00

Instrument :

MSVOA_N

ClientSampleId :

TT191D1-20250609MS

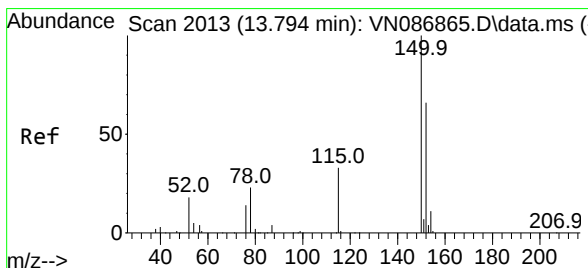
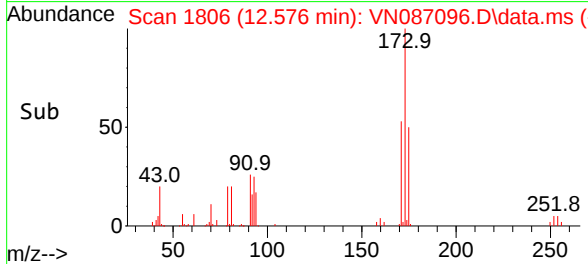
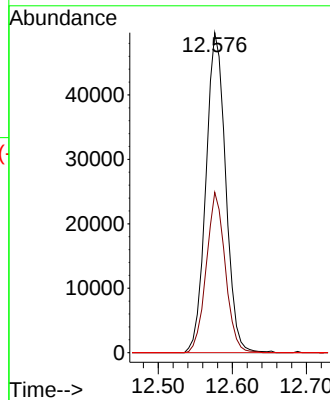
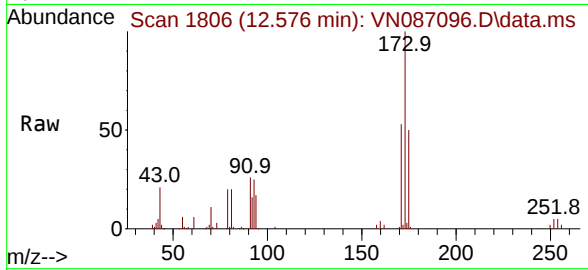
Tgt Ion:173 Resp: 92019

Ion Ratio Lower Upper

173 100

175 48.2 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: VN087096.D

Acq: 18 Jun 2025 19:00

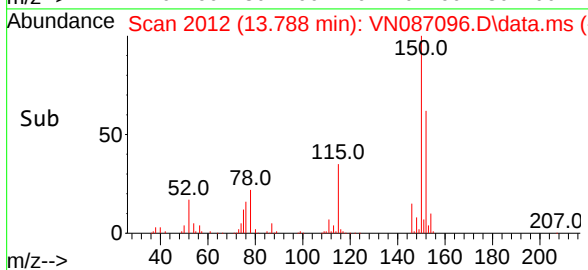
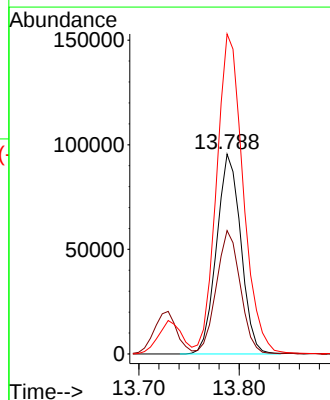
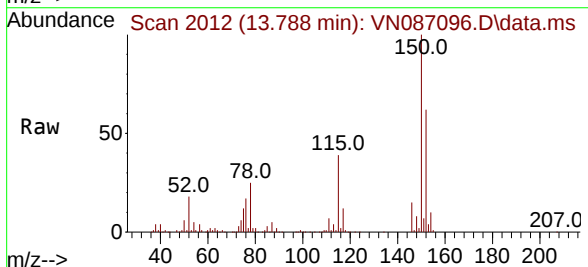
Tgt Ion:152 Resp: 160634

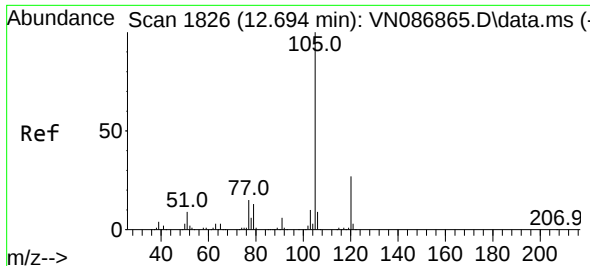
Ion Ratio Lower Upper

152 100

115 61.4 30.1 90.5

150 175.9 0.0 345.0

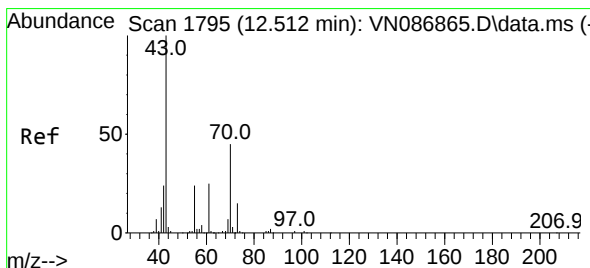
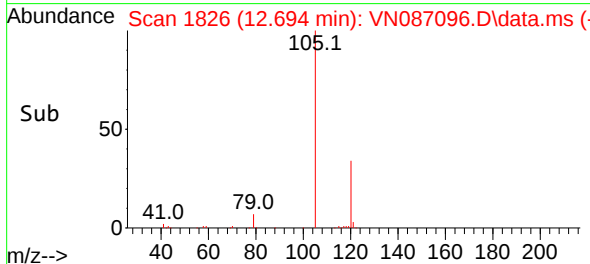
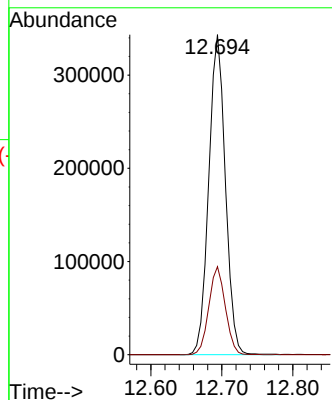
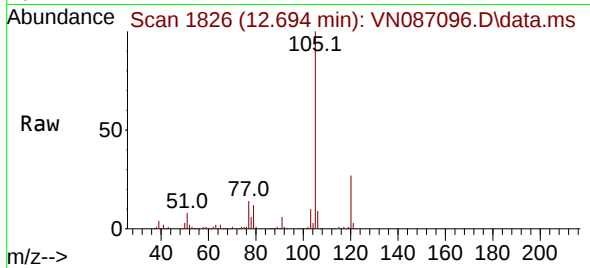




#73
Isopropylbenzene
Concen: 47.677 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

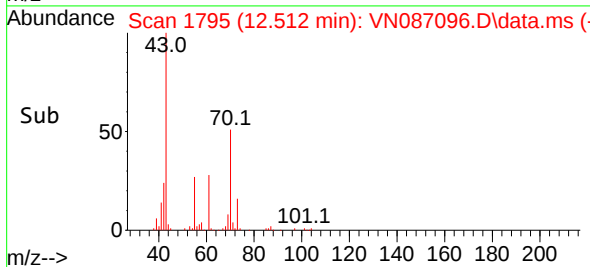
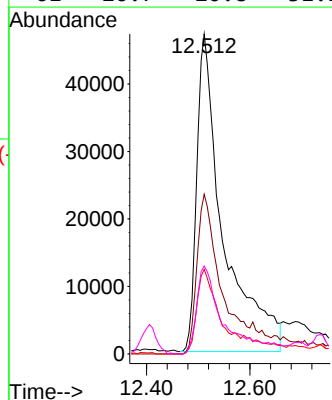
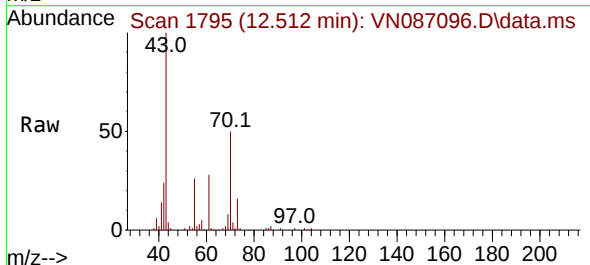
Instrument :
MSVOA_N
ClientSampleId :
TT191D1-20250609MS

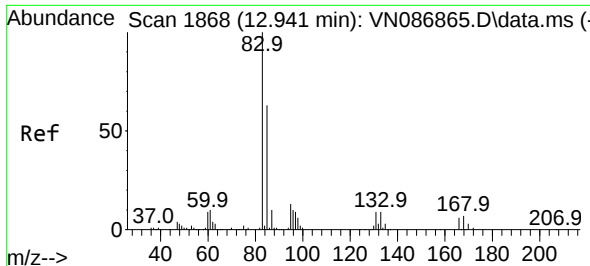
Tgt Ion:105 Resp: 557938
Ion Ratio Lower Upper
105 100
120 27.2 13.5 40.4



#74
N-ethyl acetate
Concen: 40.974 ug/l
RT: 12.512 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

Tgt Ion: 43 Resp: 167555
Ion Ratio Lower Upper
43 100
70 49.6 37.6 56.4
55 22.1 19.0 28.6
61 26.7 20.8 31.2

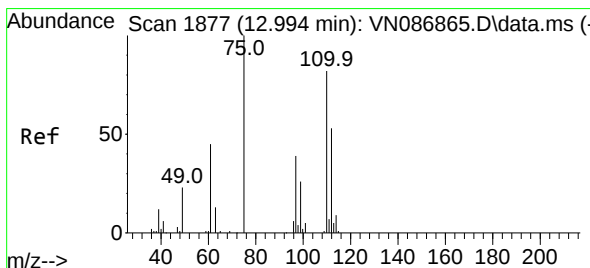
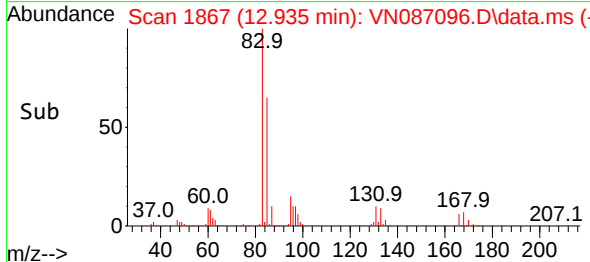
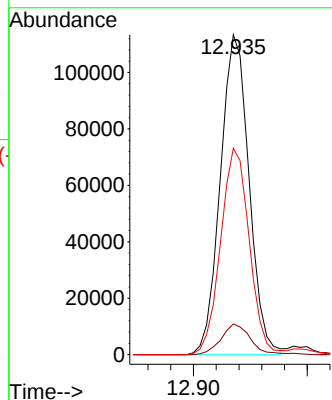
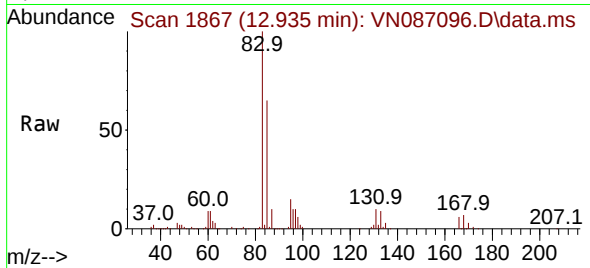




#75
1,1,2-Tetrachloroethane
Concen: 50.114 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

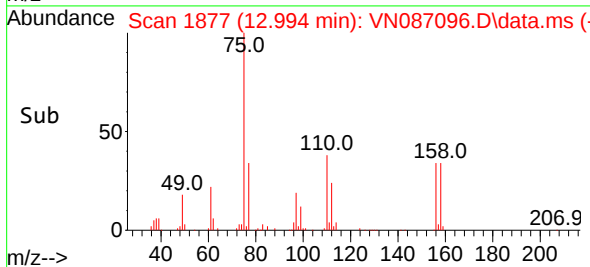
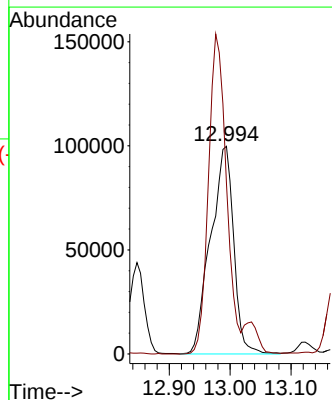
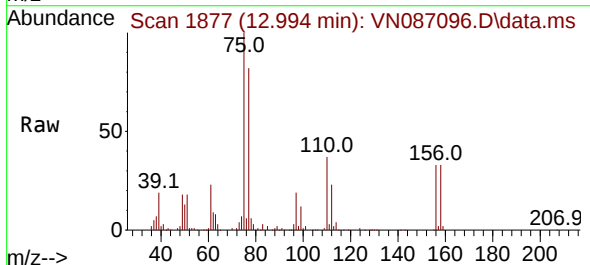
Instrument :
MSVOA_N
ClientSampleId :
TT191D1-20250609MS

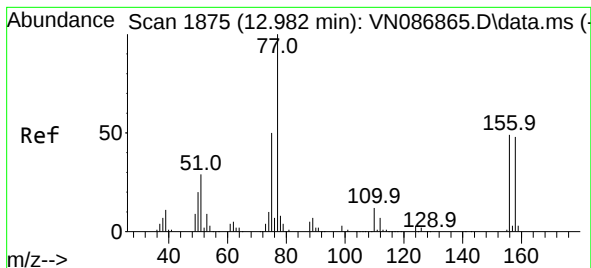
Tgt Ion: 83 Resp: 198675
Ion Ratio Lower Upper
83 100
131 9.9 4.9 14.7
85 64.7 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 68.860 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

Tgt Ion: 75 Resp: 262929
Ion Ratio Lower Upper
75 100
77 119.5 79.3 237.9





#77

Bromobenzene

Concen: 51.472 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.006 min

Lab File: VN087096.D

Acq: 18 Jun 2025 19:00

Instrument :

MSVOA_N

ClientSampleId :

TT191D1-20250609MS

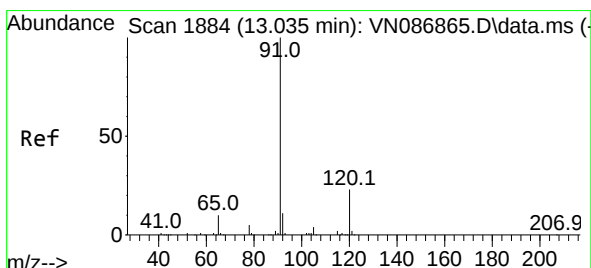
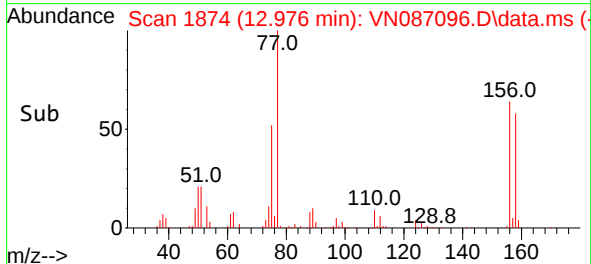
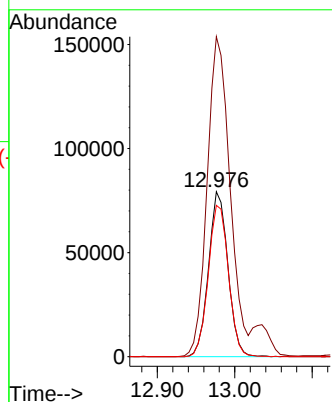
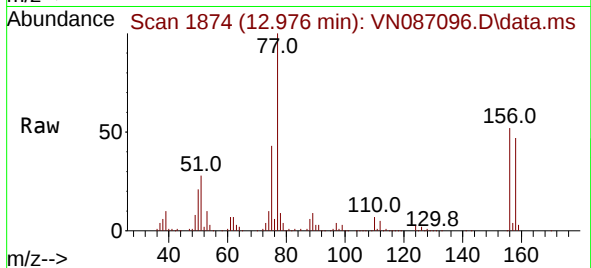
Tgt Ion:156 Resp: 138138

Ion Ratio Lower Upper

156 100

77 227.4 117.7 353.1

158 95.5 48.1 144.4



#78

n-propylbenzene

Concen: 46.631 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN087096.D

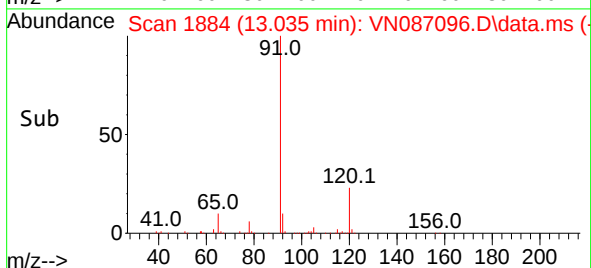
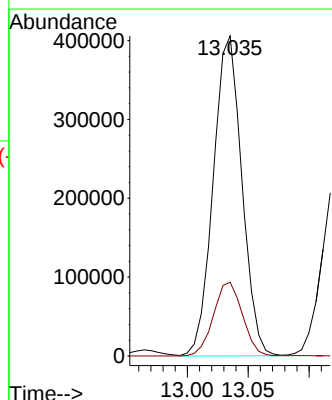
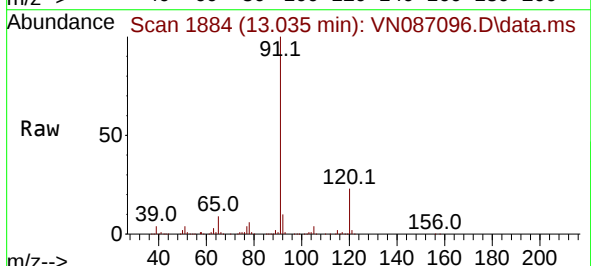
Acq: 18 Jun 2025 19:00

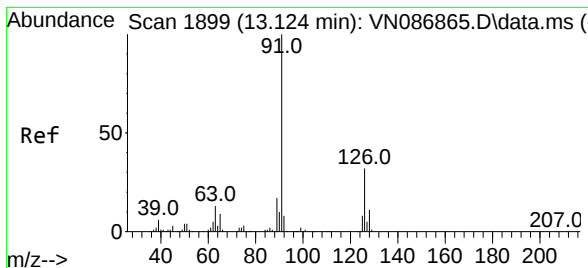
Tgt Ion: 91 Resp: 663158

Ion Ratio Lower Upper

91 100

120 23.3 11.4 34.2





#79

2-Chlorotoluene

Concen: 47.373 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VN087096.D

Acq: 18 Jun 2025 19:00

Instrument :

MSVOA_N

ClientSampleId :

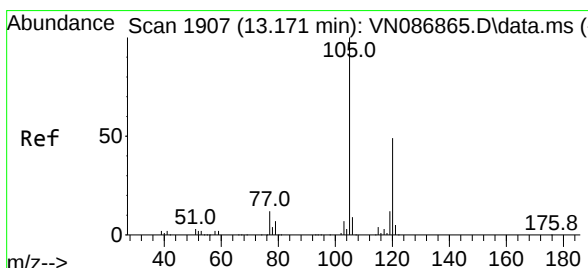
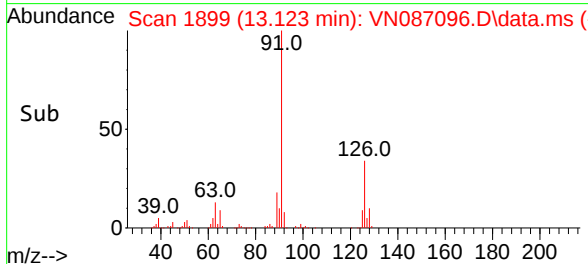
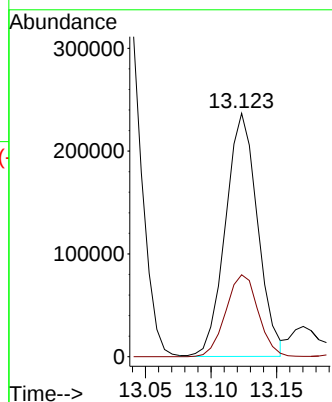
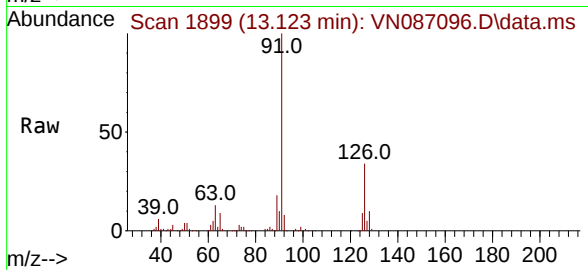
TT191D1-20250609MS

Tgt Ion: 91 Resp: 404029

Ion Ratio Lower Upper

91 100

126 34.0 16.2 48.5



#80

1,3,5-Trimethylbenzene

Concen: 47.713 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN087096.D

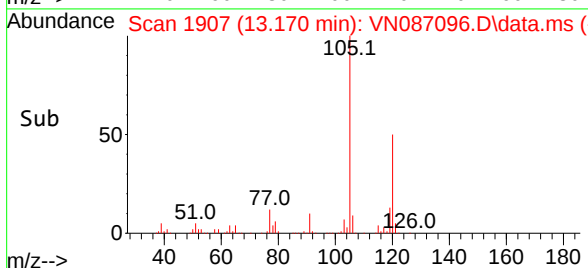
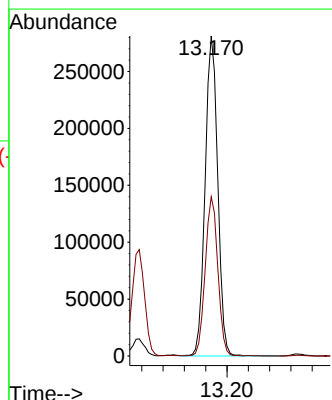
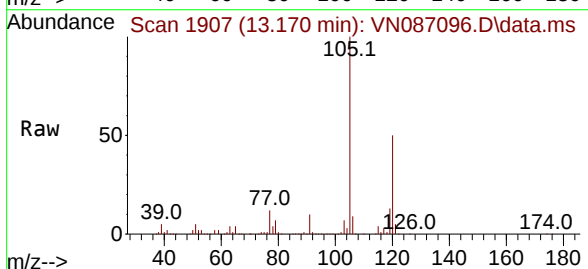
Acq: 18 Jun 2025 19:00

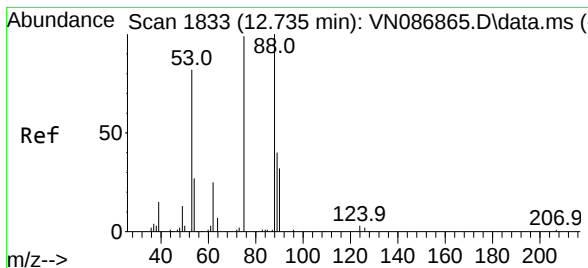
Tgt Ion:105 Resp: 460985

Ion Ratio Lower Upper

105 100

120 49.8 24.9 74.6

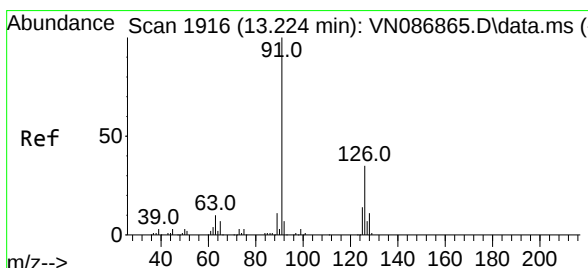
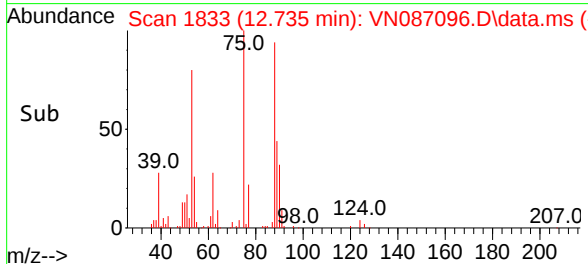
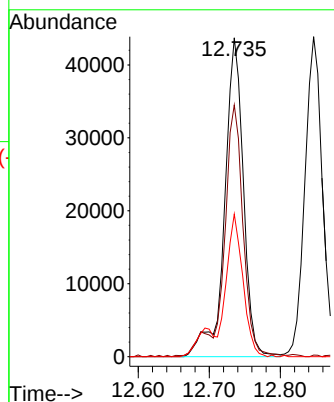
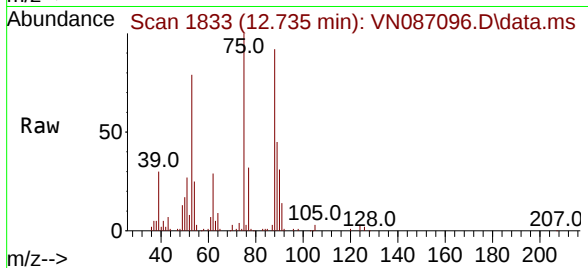




#81
trans-1,4-Dichloro-2-butene
Concen: 48.535 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

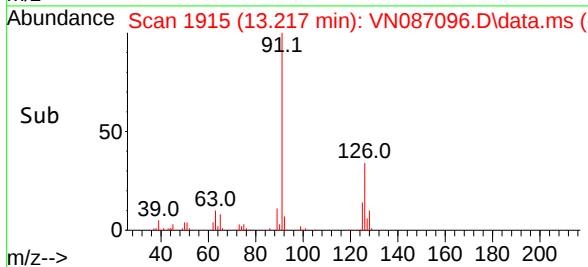
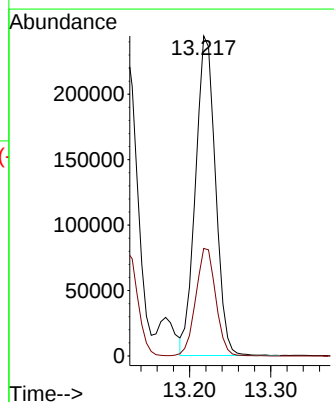
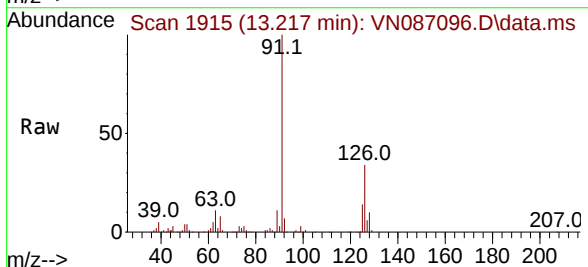
Instrument : MSVOA_N
ClientSampleId : TT191D1-20250609MS

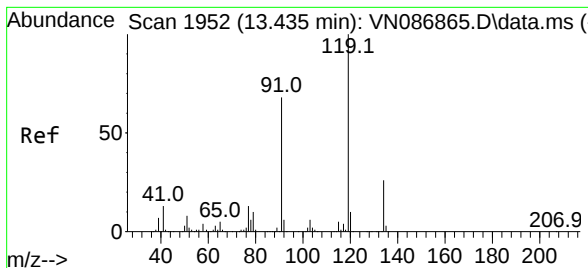
Tgt Ion: 75 Resp: 80506
Ion Ratio Lower Upper
75 100
53 72.3 66.6 99.8
89 38.6 36.7 55.1



#82
4-Chlorotoluene
Concen: 48.304 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

Tgt Ion: 91 Resp: 416850
Ion Ratio Lower Upper
91 100
126 33.8 16.7 50.1

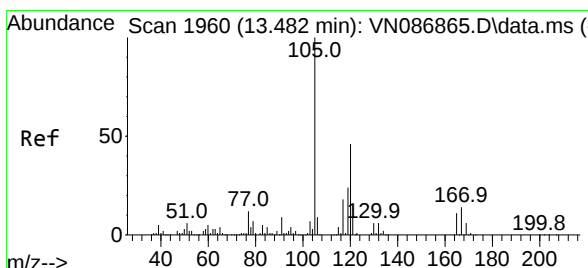
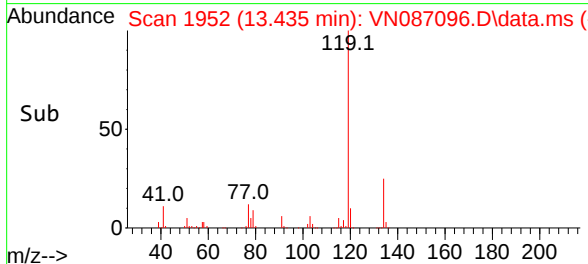
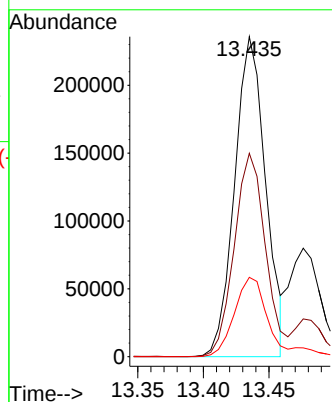
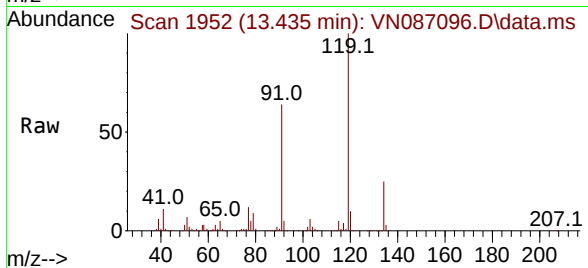




#83
tert-Butylbenzene
Concen: 43.832 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

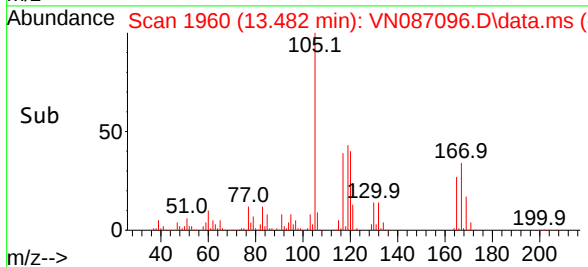
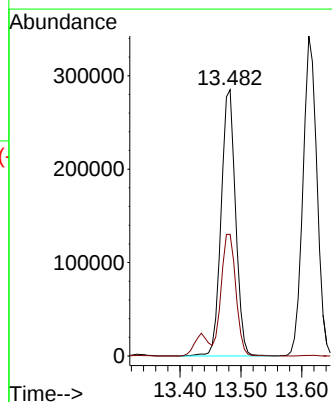
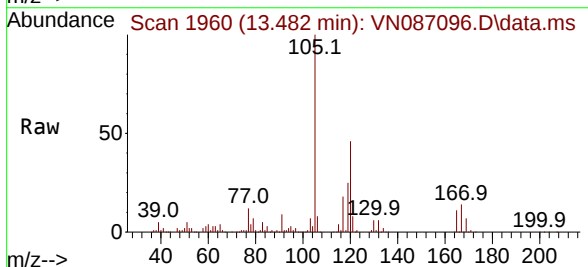
Instrument :
MSVOA_N
ClientSampleId :
TT191D1-20250609MS

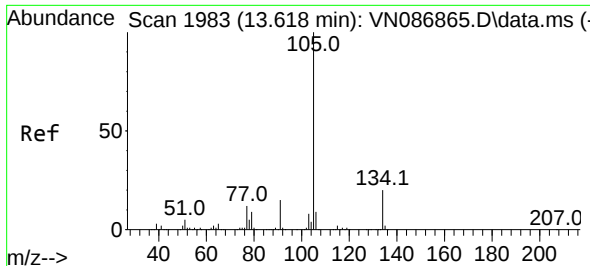
Tgt Ion:119 Resp: 387648
Ion Ratio Lower Upper
119 100
91 64.2 32.1 96.5
134 27.8 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 48.380 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

Tgt Ion:105 Resp: 468727
Ion Ratio Lower Upper
105 100
120 46.6 23.2 69.6

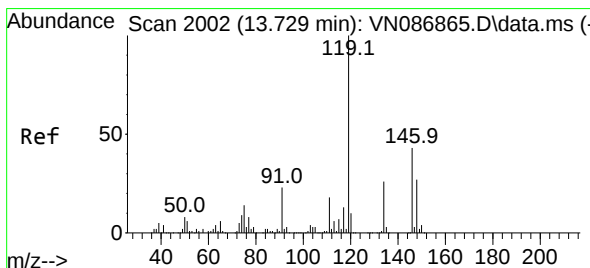
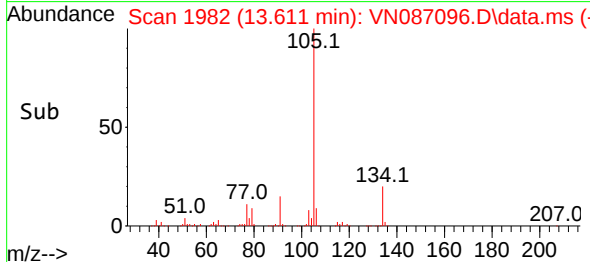
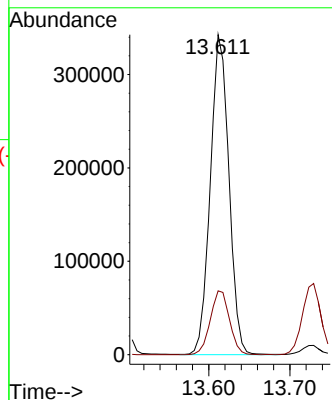
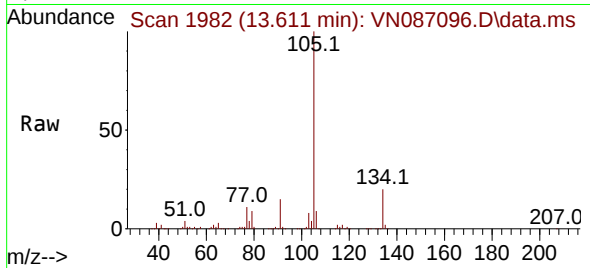




#85
 sec-Butylbenzene
 Concen: 42.431 ug/l
 RT: 13.611 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN087096.D
 Acq: 18 Jun 2025 19:00

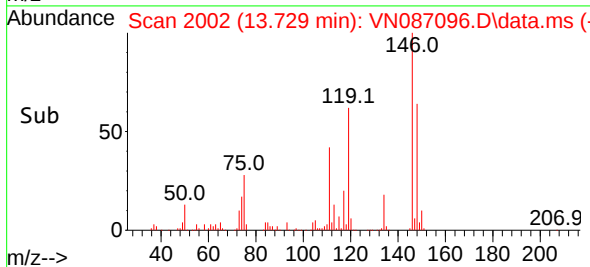
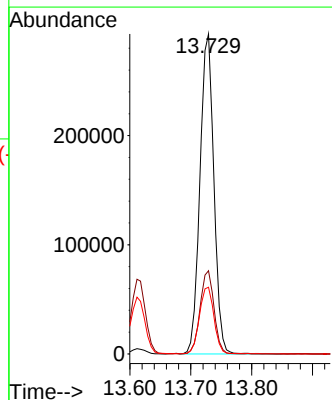
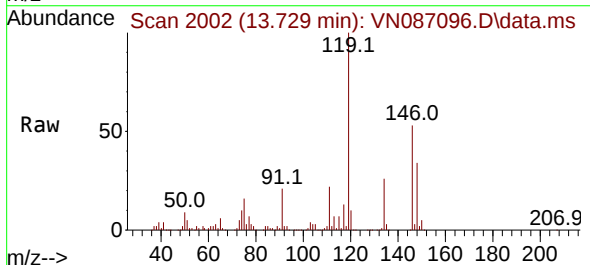
Instrument :
 MSVOA_N
 ClientSampleId :
 TT191D1-20250609MS

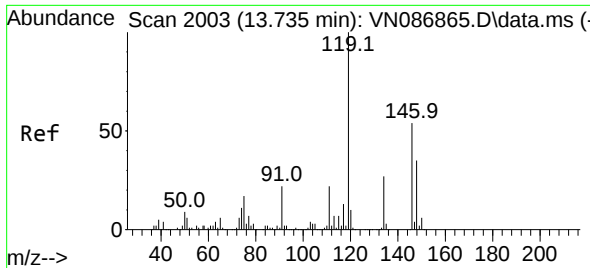
Tgt Ion:105 Resp: 544966
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 43.701 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN087096.D
 Acq: 18 Jun 2025 19:00

Tgt Ion:119 Resp: 463963
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.5 40.4
 91 21.7 11.5 34.4

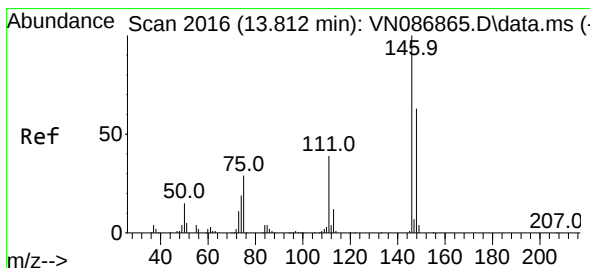
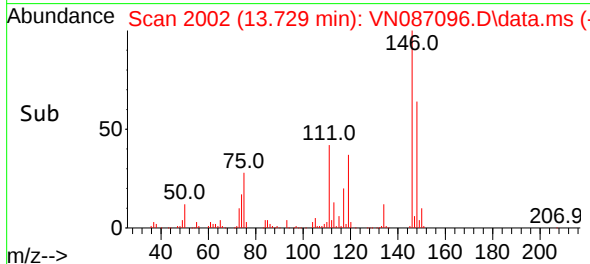
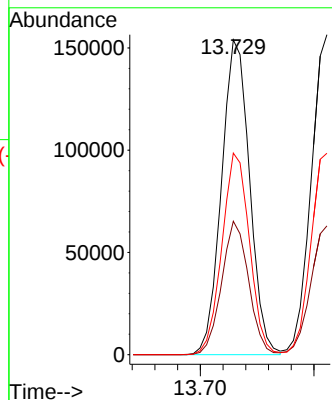
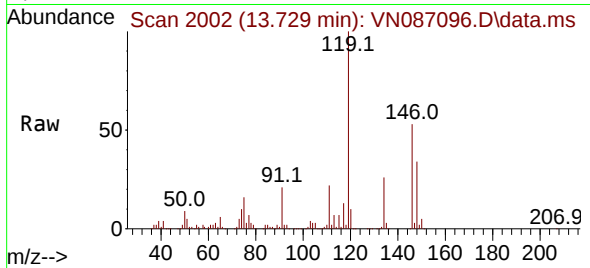




#87
1,3-Dichlorobenzene
Concen: 50.059 ug/l
RT: 13.729 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

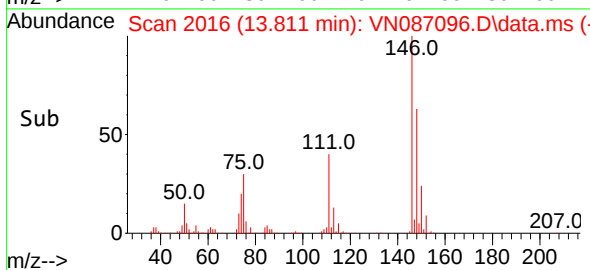
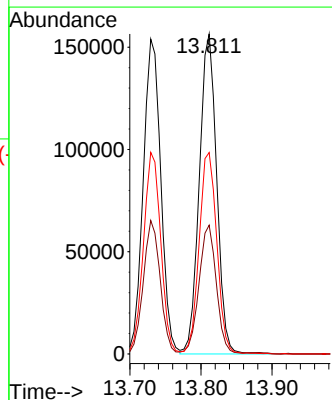
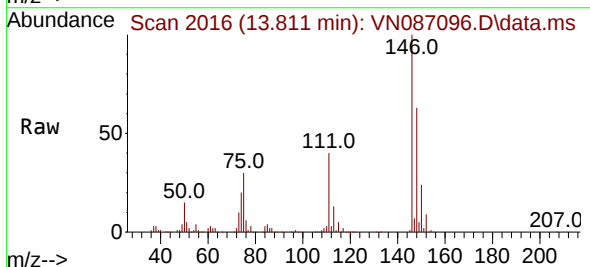
Instrument :
MSVOA_N
ClientSampleId :
TT191D1-20250609MS

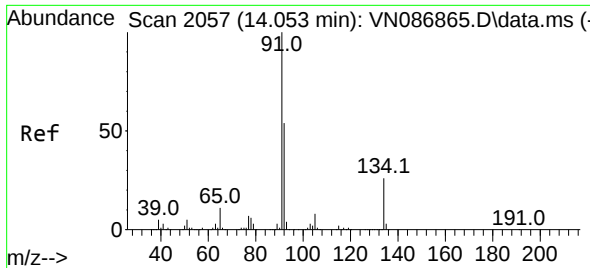
Tgt Ion:146 Resp: 264324
Ion Ratio Lower Upper
146 100
111 40.8 20.9 62.8
148 62.9 32.0 96.2



#88
1,4-Dichlorobenzene
Concen: 49.559 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

Tgt Ion:146 Resp: 266794
Ion Ratio Lower Upper
146 100
111 39.7 19.9 59.7
148 64.2 31.8 95.4

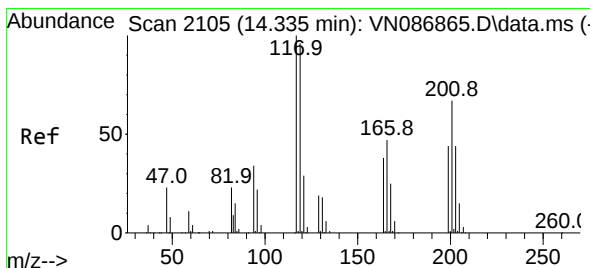
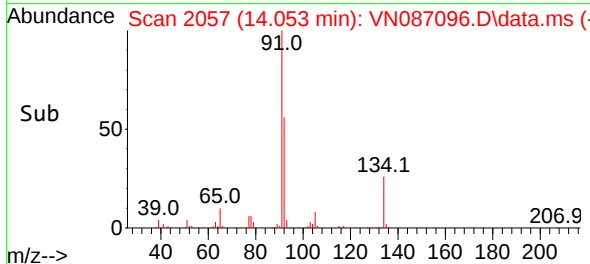
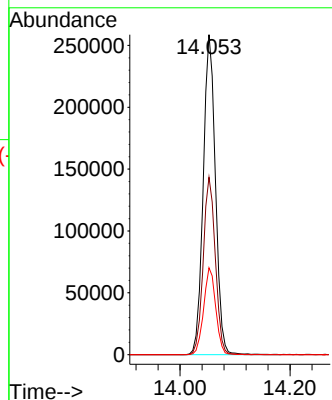
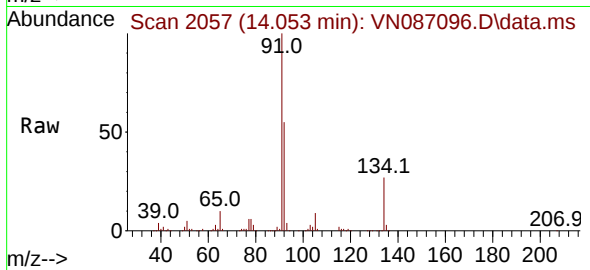




#89
n-Butylbenzene
Concen: 38.810 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

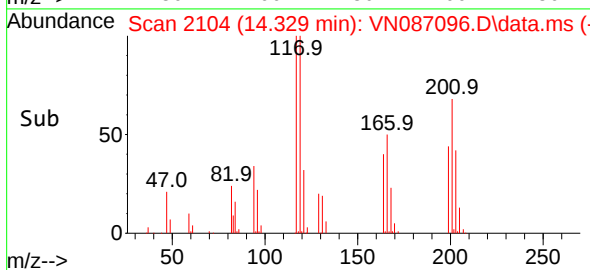
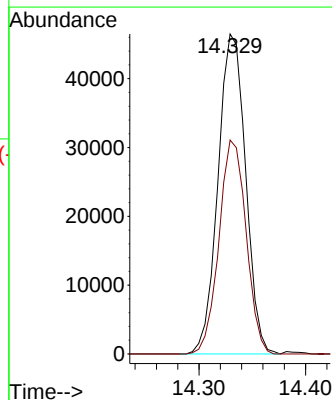
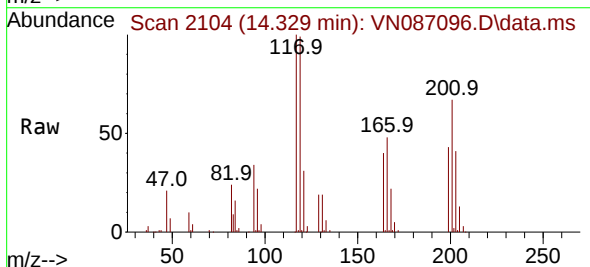
Instrument :
MSVOA_N
ClientSampleId :
TT191D1-20250609MS

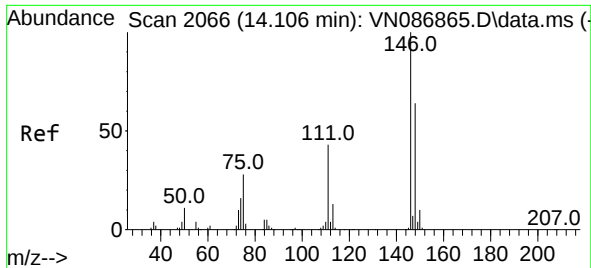
Tgt Ion: 91 Resp: 399103
Ion Ratio Lower Upper
91 100
92 55.0 27.5 82.4
134 26.8 13.0 39.0



#90
Hexachloroethane
Concen: 46.458 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

Tgt Ion: 117 Resp: 83606
Ion Ratio Lower Upper
117 100
201 65.7 33.2 99.6

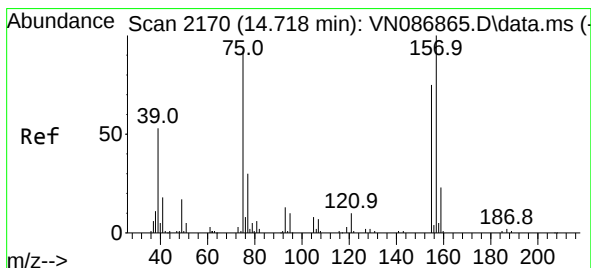
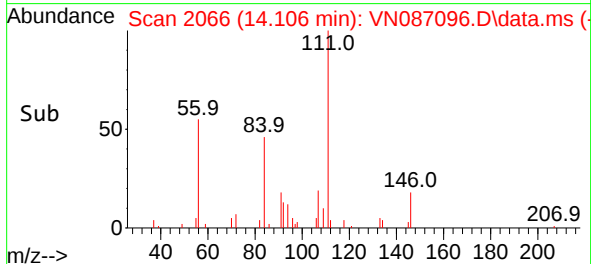
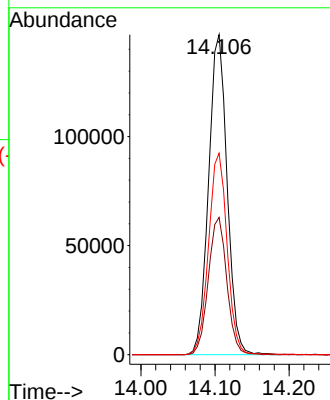
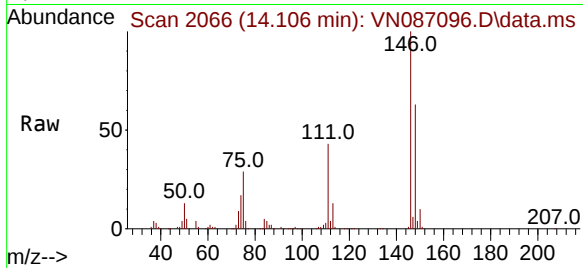




#91
1,2-Dichlorobenzene
Concen: 50.142 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

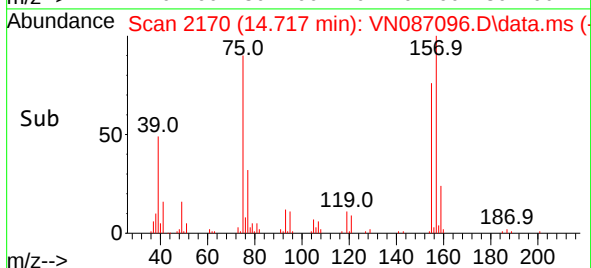
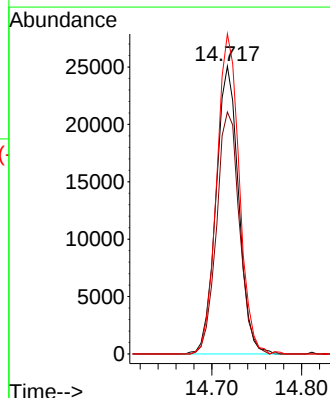
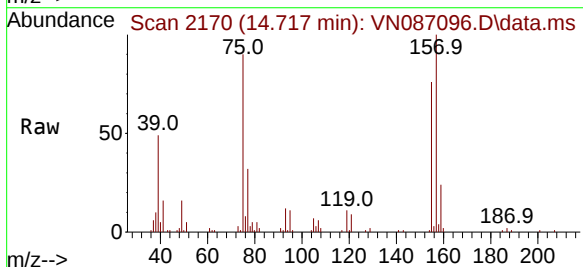
Instrument :
MSVOA_N
ClientSampleId :
TT191D1-20250609MS

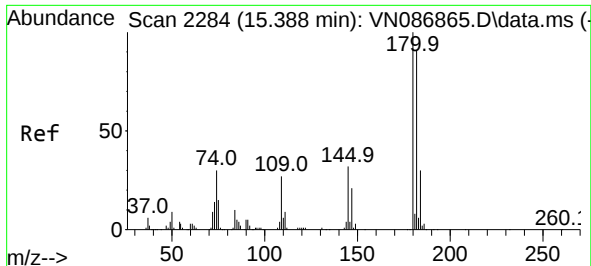
Tgt Ion:146 Resp: 254364
Ion Ratio Lower Upper
146 100
111 43.0 21.6 64.6
148 63.4 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.249 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

Tgt Ion: 75 Resp: 43850
Ion Ratio Lower Upper
75 100
155 85.1 41.1 123.4
157 110.7 52.7 158.1

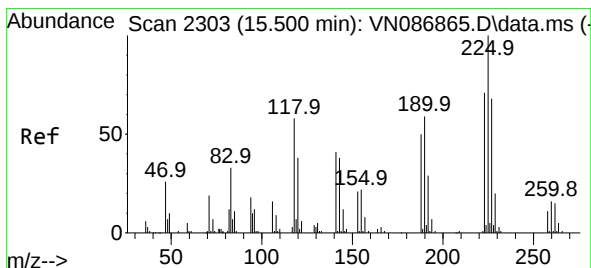
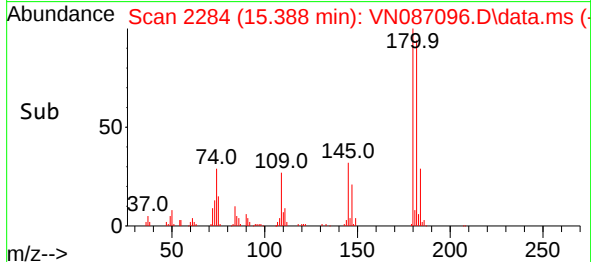
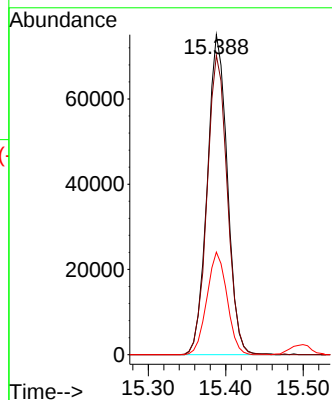
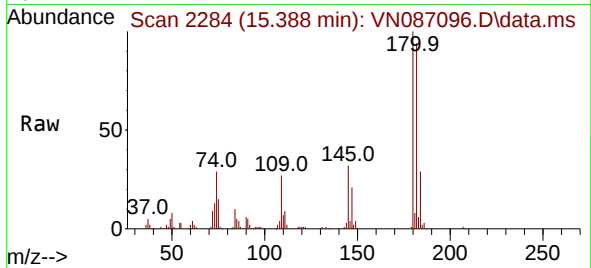




#93
1,2,4-Trichlorobenzene
Concen: 41.668 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

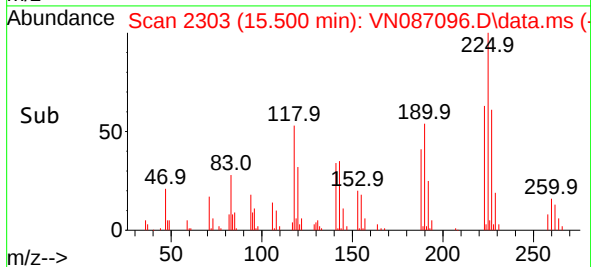
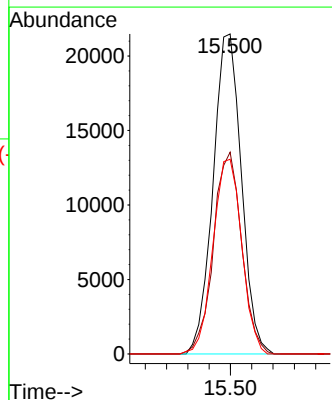
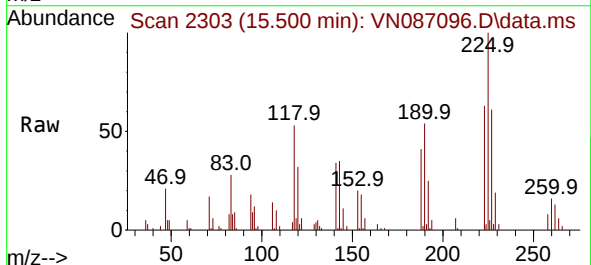
Instrument :
MSVOA_N
ClientSampleId :
TT191D1-20250609MS

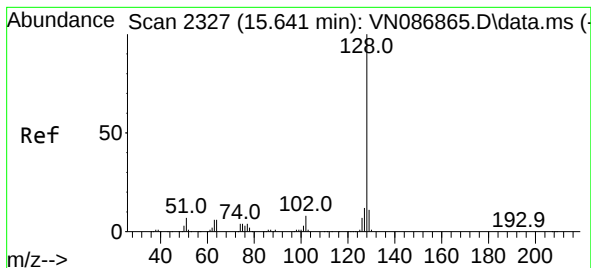
Tgt Ion:180 Resp: 134978
Ion Ratio Lower Upper
180 100
182 94.3 46.9 140.7
145 32.2 16.0 47.9



#94
Hexachlorobutadiene
Concen: 32.859 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN087096.D
Acq: 18 Jun 2025 19:00

Tgt Ion:225 Resp: 39657
Ion Ratio Lower Upper
225 100
223 62.8 33.5 100.4
227 61.7 31.1 93.5





#95

Naphthalene

Concen: 46.063 ug/l

RT: 15.635 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN087096.D

Acq: 18 Jun 2025 19:00

Instrument :

MSVOA_N

ClientSampleId :

TT191D1-20250609MS

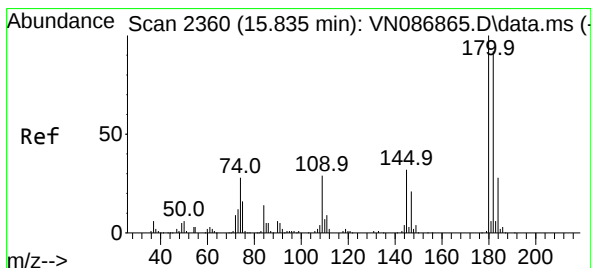
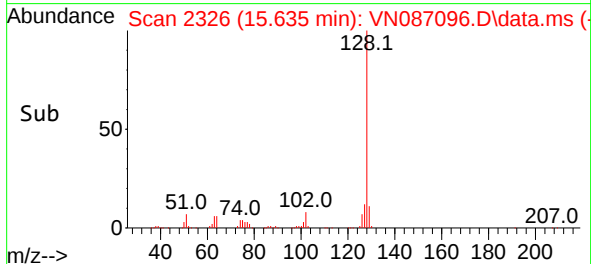
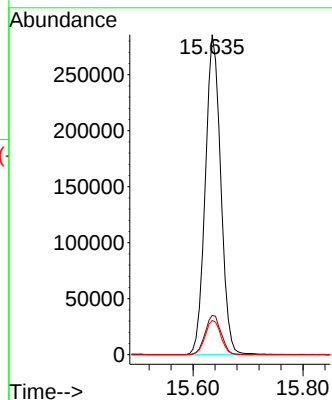
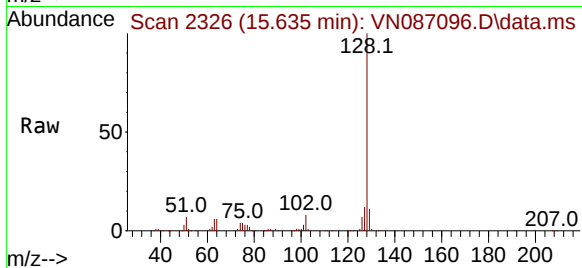
Tgt Ion:128 Resp: 555412

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 40.877 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN087096.D

Acq: 18 Jun 2025 19:00

Tgt Ion:180 Resp: 131561

Ion Ratio Lower Upper

180 100

182 95.4 47.0 141.0

145 33.9 16.6 49.8

