

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060325\
 Data File : VN086860.D
 Acq On : 03 Jun 2025 22:13
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jun 04 02:09:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:46:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	237847	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	448231	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	385042	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	176637	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	167960	51.104	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.200%	
35) Dibromofluoromethane	8.165	113	137784	51.616	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.240%	
50) Toluene-d8	10.565	98	541062	48.911	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.820%	
62) 4-Bromofluorobenzene	12.847	95	195614	50.081	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 100.160%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.130	85	128426	49.999	ug/l	98
3) Chloromethane	2.371	50	226614	58.330	ug/l	98
4) Vinyl Chloride	2.530	62	164476	47.140	ug/l	98
5) Bromomethane	2.965	94	72570	36.079	ug/l	91
6) Chloroethane	3.130	64	108395	47.424	ug/l	96
7) Trichlorofluoromethane	3.501	101	209050	50.136	ug/l	98
8) Diethyl Ether	3.948	74	94325	54.760	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.353	101	129523	51.887	ug/l	98
10) Methyl Iodide	4.577	142	70850	22.817	ug/l	98
11) Tert butyl alcohol	5.518	59	158361	264.564	ug/l	99
12) 1,1-Dichloroethene	4.330	96	133746	50.415	ug/l	97
13) Acrolein	4.165	56	221639	346.371	ug/l	99
14) Allyl chloride	5.012	41	211882	52.768	ug/l	95
15) Acrylonitrile	5.706	53	408207	275.433	ug/l	99
16) Acetone	4.418	43	313862	255.295	ug/l	98
17) Carbon Disulfide	4.700	76	351805	47.898	ug/l	99
18) Methyl Acetate	5.012	43	195106	56.701	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	498503	55.187	ug/l	99
20) Methylene Chloride	5.265	84	159181	49.065	ug/l	97
21) trans-1,2-Dichloroethene	5.777	96	143199	51.054	ug/l	99
22) Diisopropyl ether	6.665	45	503950	55.630	ug/l	97
23) Vinyl Acetate	6.594	43	1872807	275.075	ug/l	99
24) 1,1-Dichloroethane	6.559	63	281535	52.934	ug/l	99
25) 2-Butanone	7.477	43	525443	276.581	ug/l	98
26) 2,2-Dichloropropane	7.483	77	182577	41.597	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	178848	51.949	ug/l	99
28) Bromochloromethane	7.812	49	122369	50.640	ug/l	98
29) Tetrahydrofuran	7.836	42	348505	281.049	ug/l	97
30) Chloroform	7.965	83	274707	51.603	ug/l	98
31) Cyclohexane	8.253	56	245265	49.723	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	231483	51.575	ug/l	99
36) 1,1-Dichloropropene	8.365	75	195145	49.561	ug/l	100
37) Ethyl Acetate	7.559	43	207691	52.218	ug/l	98
38) Carbon Tetrachloride	8.359	117	192571	49.637	ug/l	99
39) Methylcyclohexane	9.600	83	215954	50.675	ug/l	97
40) Benzene	8.606	78	642170	49.995	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	116105	54.064	ug/l	99
42) 1,2-Dichloroethane	8.665	62	195440	48.839	ug/l	98
43) Isopropyl Acetate	8.683	43	359608	45.100	ug/l	98
44) Trichloroethene	9.347	130	145737	47.041	ug/l	98
45) 1,2-Dichloropropane	9.618	63	160238	52.514	ug/l	97
46) Dibromomethane	9.706	93	103887	50.457	ug/l	98
47) Bromodichloromethane	9.888	83	220474	51.971	ug/l	98
48) Methyl methacrylate	9.682	41	170126	55.061	ug/l	96
49) 1,4-Dioxane	9.694	88	61490	939.858	ug/l	95
51) 4-Methyl-2-Pentanone	10.441	43	1045754	260.074	ug/l	99
52) Toluene	10.629	92	395921	49.594	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	236158	52.577	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	252902	51.580	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	149956	50.354	ug/l	95
56) Ethyl methacrylate	10.877	69	256083	53.557	ug/l	97
57) 1,3-Dichloropropane	11.159	76	260501	50.776	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	626076	292.973	ug/l	99
59) 2-Hexanone	11.200	43	696780	237.295	ug/l	99
60) Dibromochloromethane	11.359	129	160748	51.505	ug/l	99
61) 1,2-Dibromoethane	11.471	107	149112	49.827	ug/l	100
64) Tetrachloroethene	11.100	164	112600	38.174	ug/l	97
65) Chlorobenzene	11.888	112	421043	49.867	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	143457	52.631	ug/l	99
67) Ethyl Benzene	11.965	91	736205	50.906	ug/l	99
68) m/p-Xylenes	12.071	106	562521	102.694	ug/l	99
69) o-Xylene	12.394	106	277645	50.984	ug/l	98
70) Styrene	12.412	104	469860	52.699	ug/l	99
71) Bromoform	12.576	173	103953	53.626	ug/l #	98
73) Isopropylbenzene	12.694	105	676463	49.585	ug/l	100
74) N-amyl acetate	12.500	43	276584	48.524	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	220238	52.548	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	283472	70.960	ug/l	58
77) Bromobenzene	12.982	156	158915	46.307	ug/l	98
78) n-propylbenzene	13.035	91	781220	49.899	ug/l	100
79) 2-Chlorotoluene	13.123	91	499025	49.022	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	549556	50.279	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	80643	50.945	ug/l	97
82) 4-Chlorotoluene	13.223	91	491410	48.725	ug/l	98
83) tert-Butylbenzene	13.435	119	484496	50.829	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	558542	51.316	ug/l	100
85) sec-Butylbenzene	13.618	105	649838	50.844	ug/l	100
86) p-Isopropyltoluene	13.729	119	549161	52.419	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	285858	48.104	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	293263	49.808	ug/l	99
89) n-Butylbenzene	14.053	91	463266	53.341	ug/l	99
90) Hexachloroethane	14.335	117	97919	56.333	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	282360	49.956	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	43835	63.134	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	144933	60.747	ug/l	100
94) Hexachlorobutadiene	15.500	225	48029	48.521	ug/l	98
95) Naphthalene	15.641	128	542100	65.439	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	142416	60.954	ug/l	100

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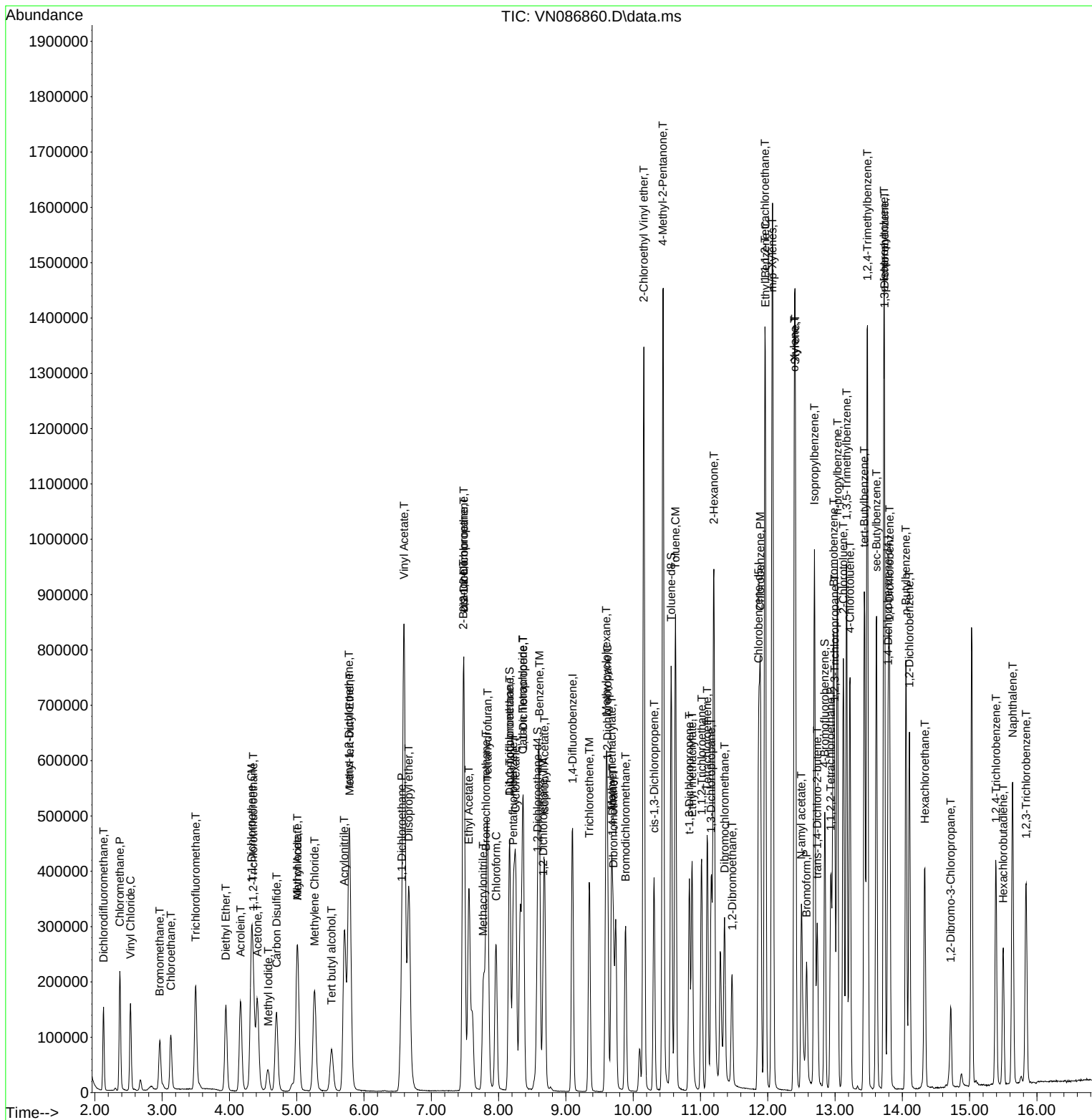
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MSVOA_N
ClientSampleId :
VSTDCCC050EC

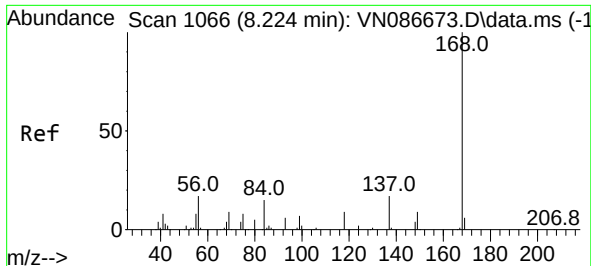
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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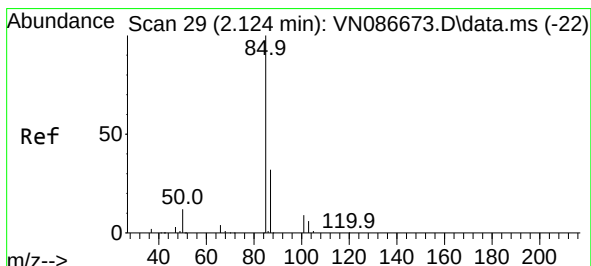
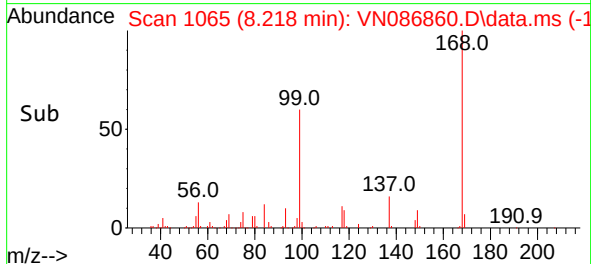
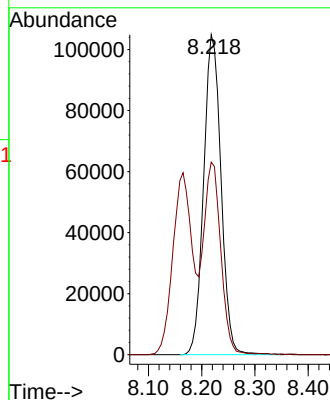
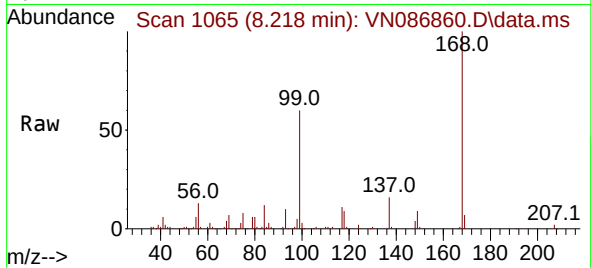




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN086860.D
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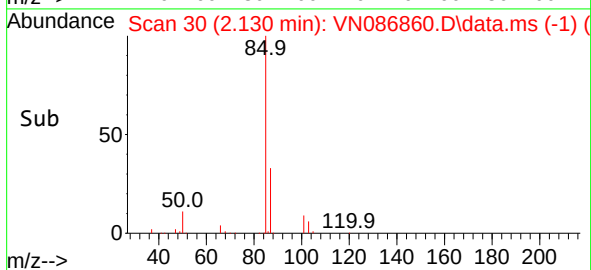
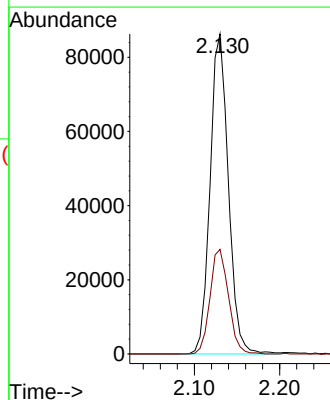
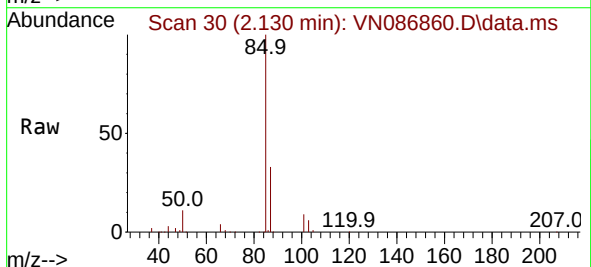
Instrument :
MSVOA_N
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VSTDCCC050EC

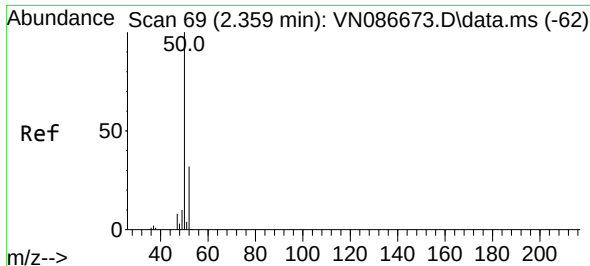
Tgt Ion:168 Resp: 237847
Ion Ratio Lower Upper
168 100
99 59.9 47.0 70.4



#2
Dichlorodifluoromethane
Concen: 49.999 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

Tgt Ion: 85 Resp: 128426
Ion Ratio Lower Upper
85 100
87 32.7 15.9 47.6

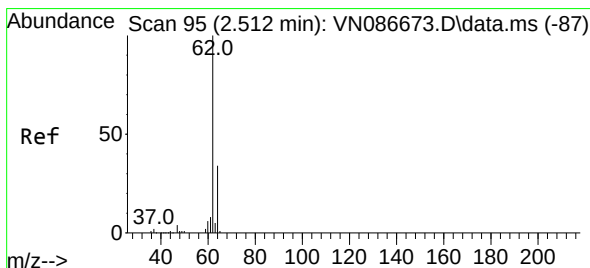
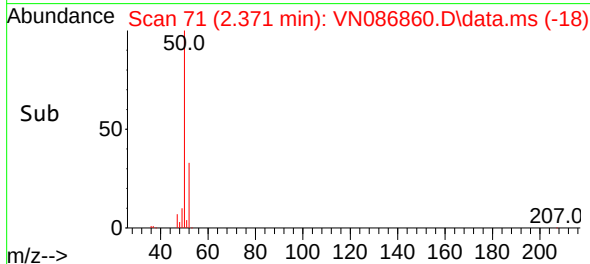
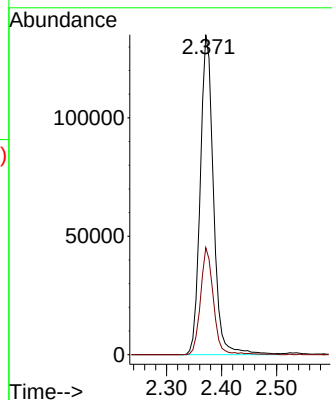
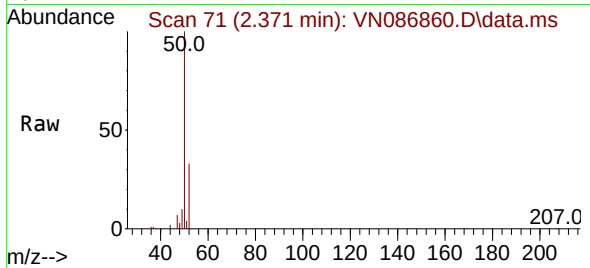




#3
Chloromethane
Concen: 58.330 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.012 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

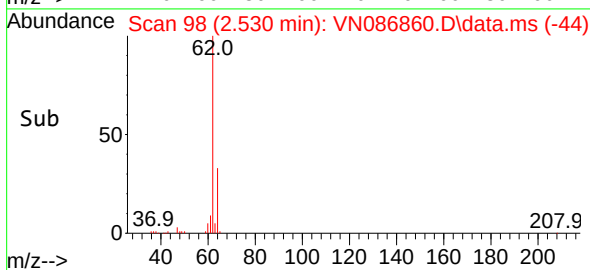
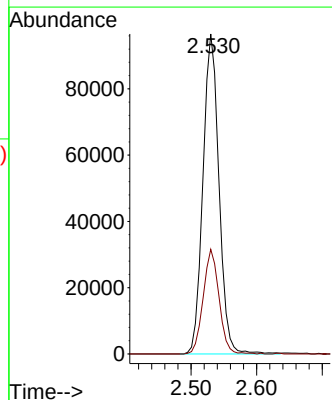
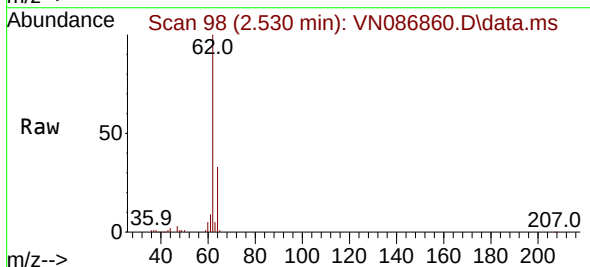
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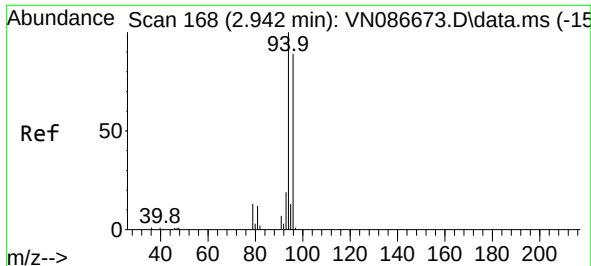
Tgt Ion: 50 Resp: 226614
Ion Ratio Lower Upper
50 100
52 33.4 25.9 38.9



#4
Vinyl Chloride
Concen: 47.140 ug/l
RT: 2.530 min Scan# 98
Delta R.T. 0.018 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

Tgt Ion: 62 Resp: 164476
Ion Ratio Lower Upper
62 100
64 32.7 26.9 40.3

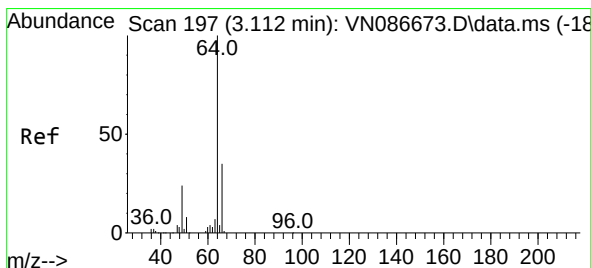
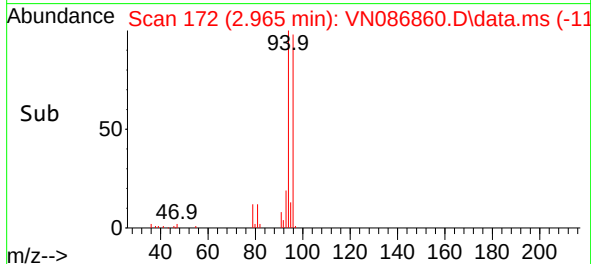
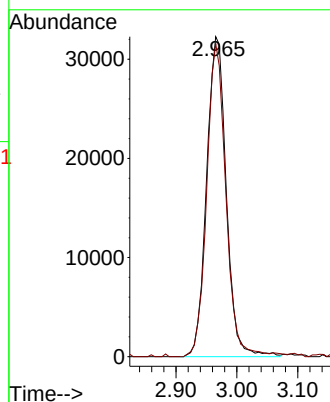
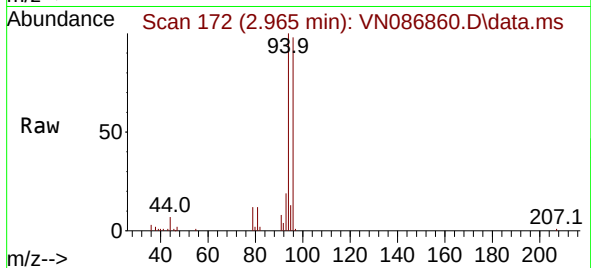




#5
Bromomethane
Concen: 36.079 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

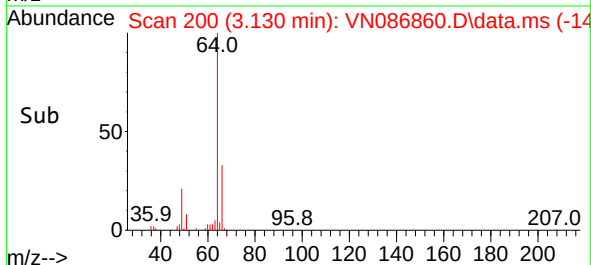
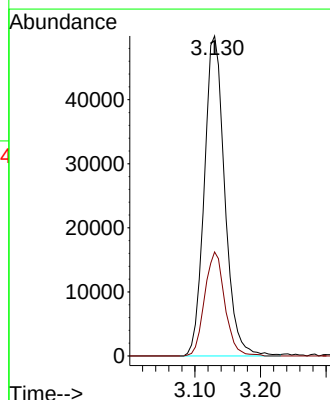
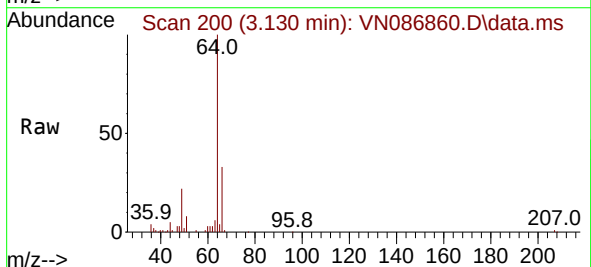
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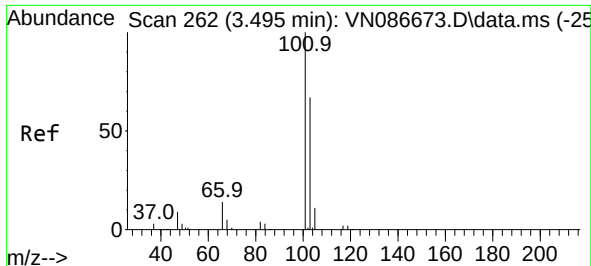
Tgt Ion: 94 Resp: 72570
Ion Ratio Lower Upper
94 100
96 97.8 71.2 106.8



#6
Chloroethane
Concen: 47.424 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.018 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

Tgt Ion: 64 Resp: 108395
Ion Ratio Lower Upper
64 100
66 32.5 27.7 41.5

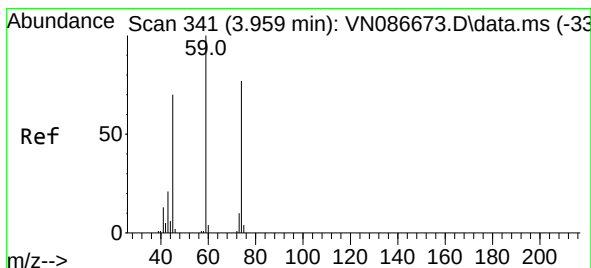
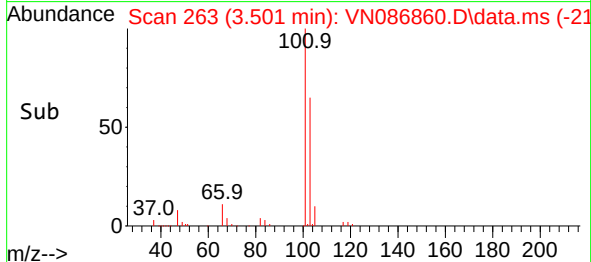
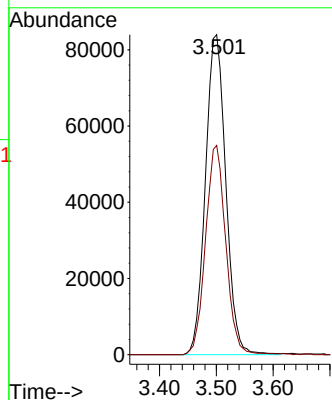
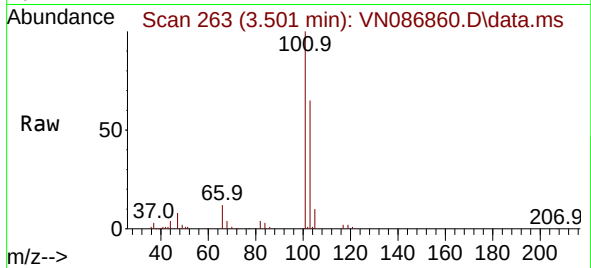




#7
Trichlorofluoromethane
Concen: 50.136 ug/l
RT: 3.501 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

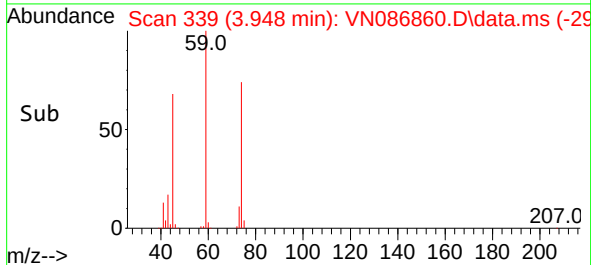
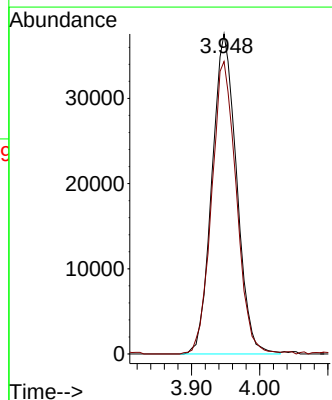
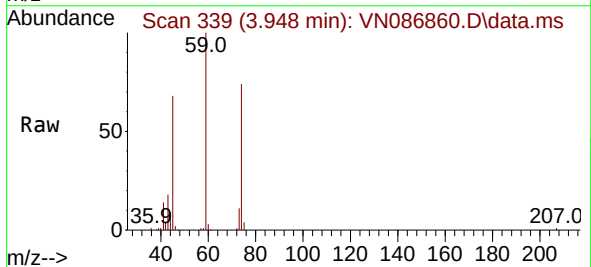
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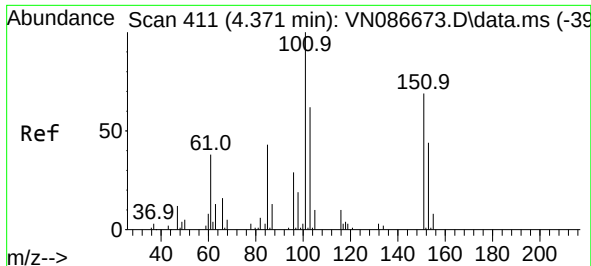
Tgt Ion:101 Resp: 209050
Ion Ratio Lower Upper
101 100
103 65.4 53.4 80.0



#8
Diethyl Ether
Concen: 54.760 ug/l
RT: 3.948 min Scan# 339
Delta R.T. -0.012 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

Tgt Ion: 74 Resp: 94325
Ion Ratio Lower Upper
74 100
45 91.6 45.0 135.0

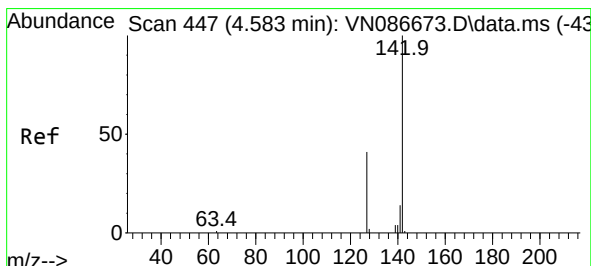
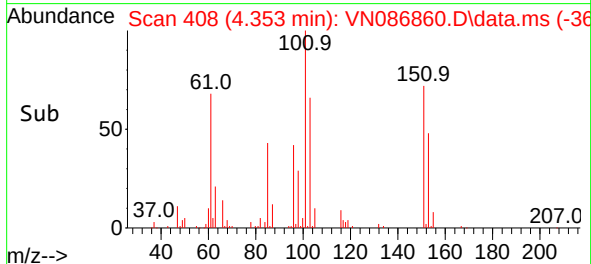
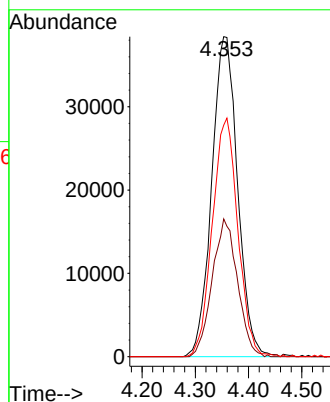
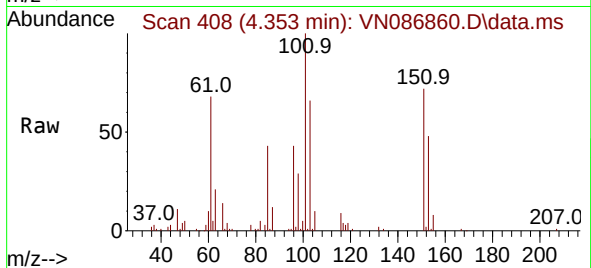




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.887 ug/l
RT: 4.353 min Scan# 408
Delta R.T. -0.018 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

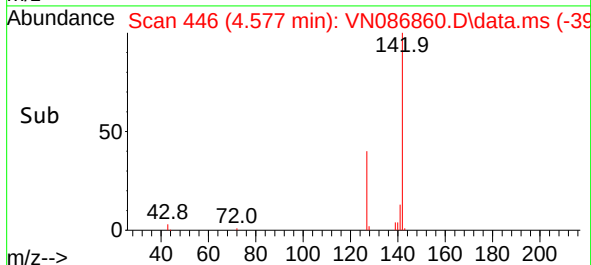
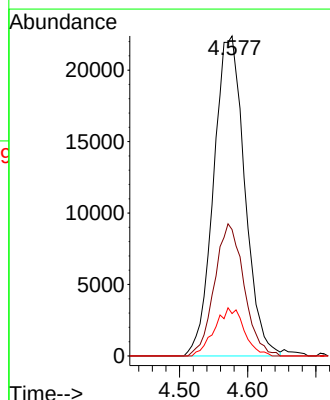
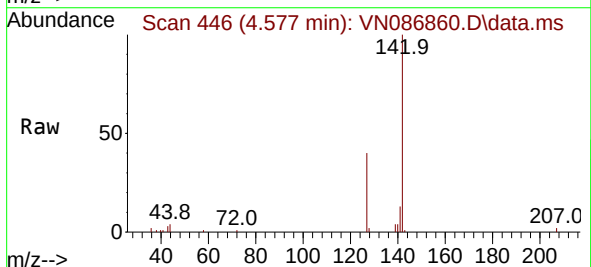
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

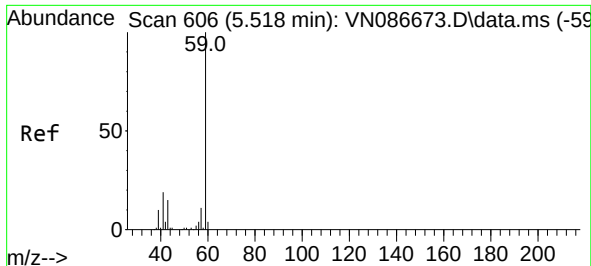
Tgt Ion:101 Resp: 129523
Ion Ratio Lower Upper
101 100
85 42.1 35.0 52.6
151 73.6 58.1 87.1



#10
Methyl Iodide
Concen: 22.817 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.006 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

Tgt Ion:142 Resp: 70850
Ion Ratio Lower Upper
142 100
127 39.5 32.4 48.6
141 13.3 11.4 17.2

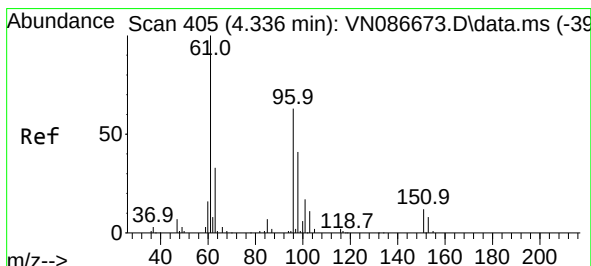
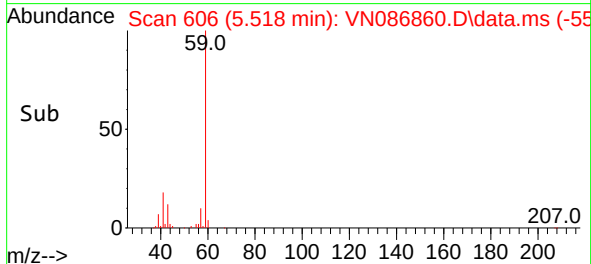
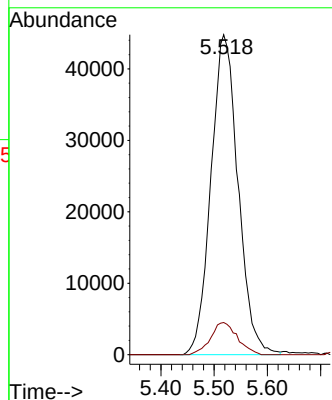
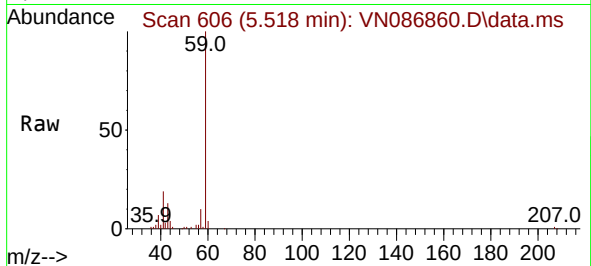




#11
Tert butyl alcohol
Concen: 264.564 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

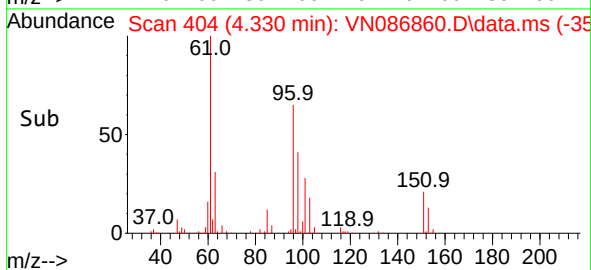
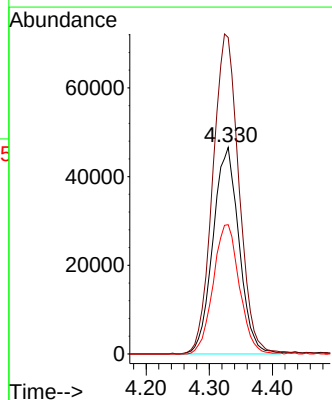
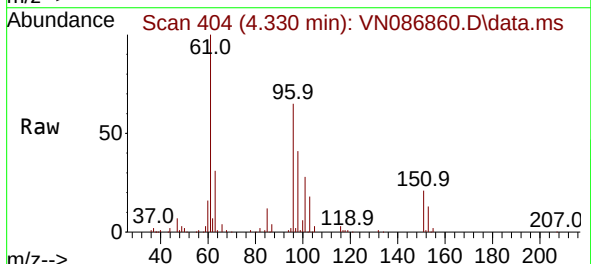
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

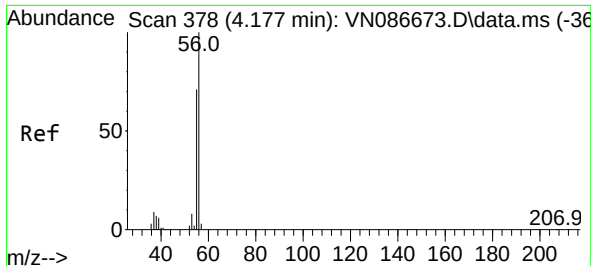
Tgt Ion: 59 Resp: 158361
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.2



#12
1,1-Dichloroethene
Concen: 50.415 ug/l
RT: 4.330 min Scan# 404
Delta R.T. -0.006 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

Tgt Ion: 96 Resp: 133746
Ion Ratio Lower Upper
96 100
61 153.2 126.2 189.2
98 62.5 51.5 77.3

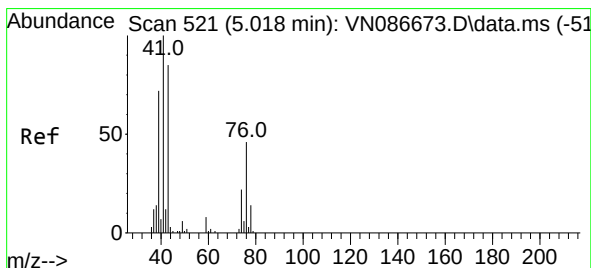
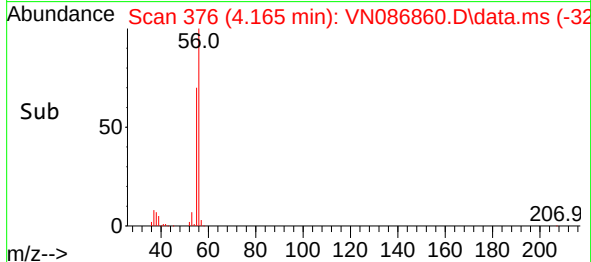
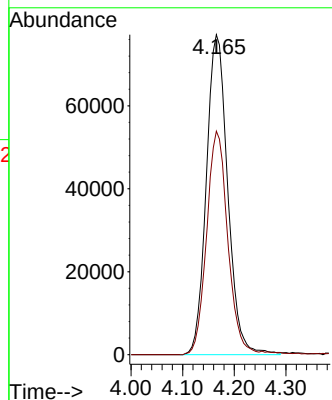
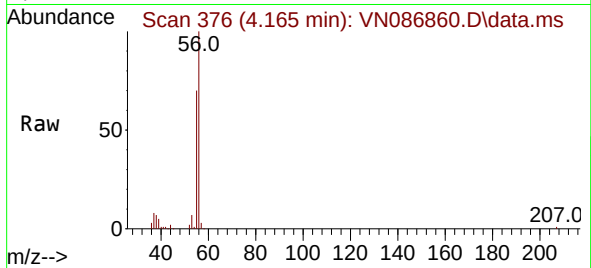




#13
Acrolein
Concen: 346.371 ug/l
RT: 4.165 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

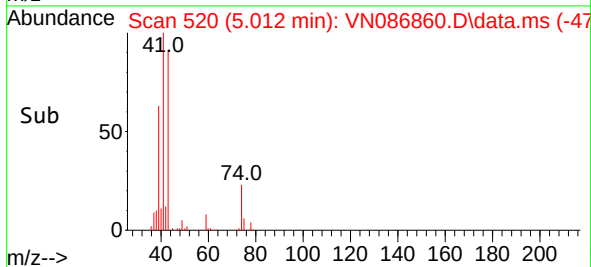
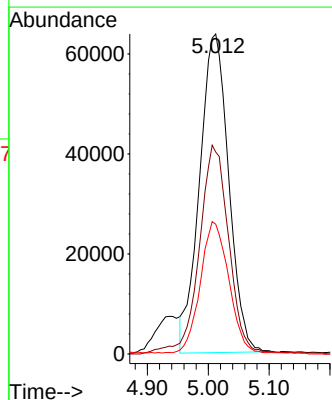
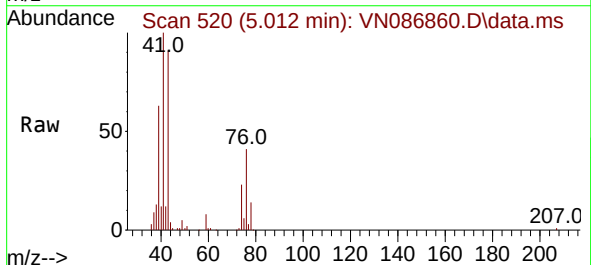
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

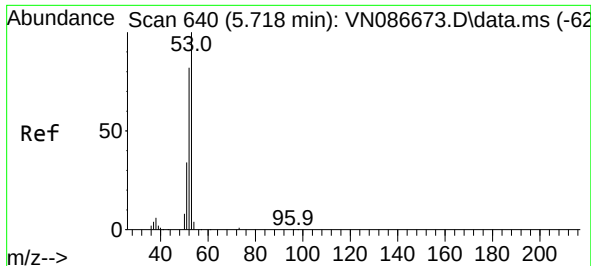
Tgt Ion: 56 Resp: 221639
Ion Ratio Lower Upper
56 100
55 69.0 55.7 83.5



#14
Allyl chloride
Concen: 52.768 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

Tgt Ion: 41 Resp: 211882
Ion Ratio Lower Upper
41 100
39 66.7 57.4 86.0
76 40.2 33.2 49.8

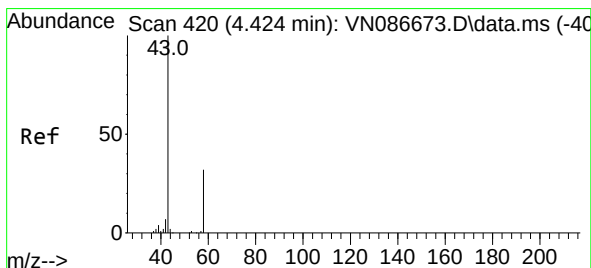
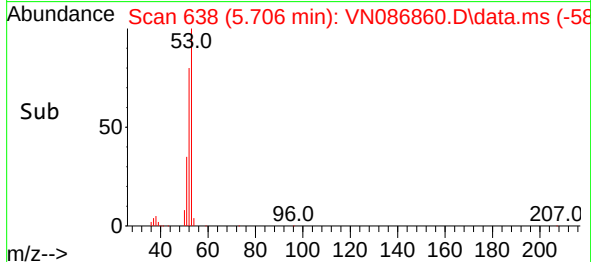
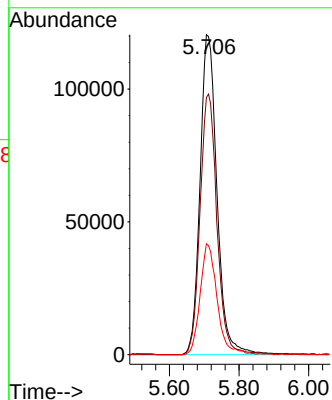
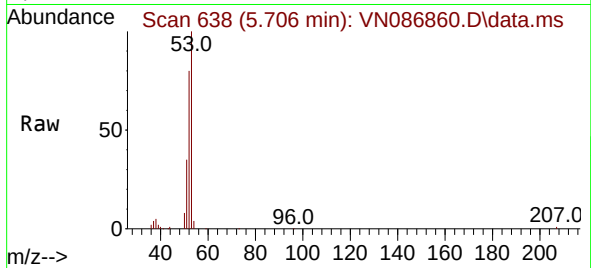




#15
Acrylonitrile
Concen: 275.433 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

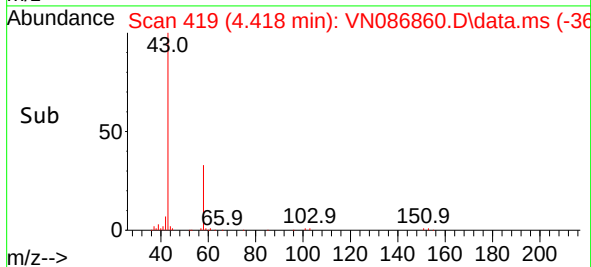
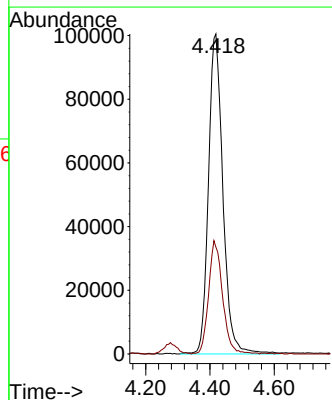
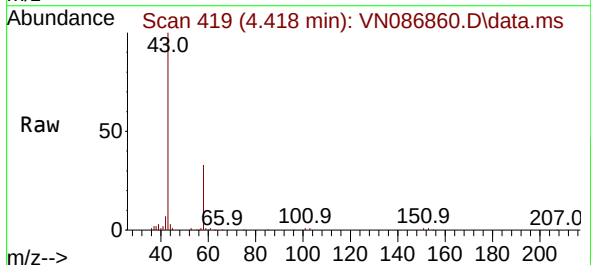
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

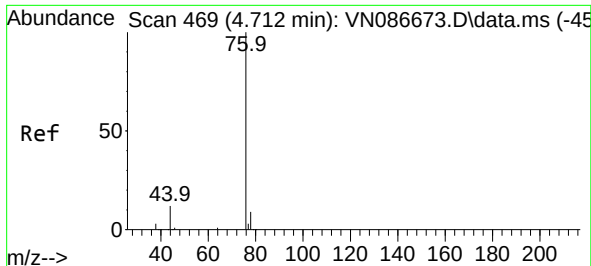
Tgt Ion: 53 Resp: 408207
Ion Ratio Lower Upper
53 100
52 81.0 65.4 98.2
51 34.7 27.9 41.9



#16
Acetone
Concen: 255.295 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

Tgt Ion: 43 Resp: 313862
Ion Ratio Lower Upper
43 100
58 33.2 25.8 38.6

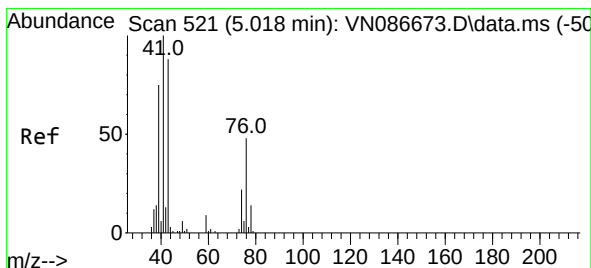
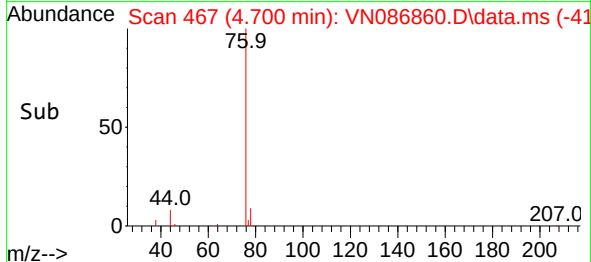
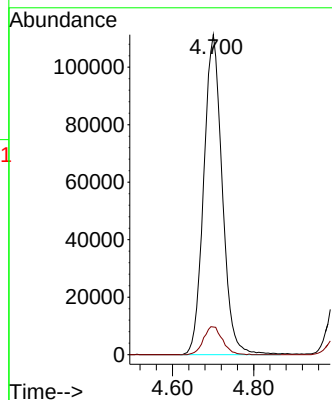
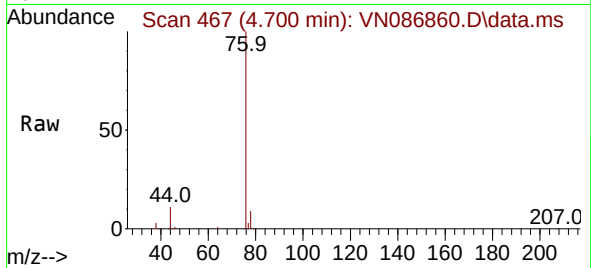




#17
Carbon Disulfide
Concen: 47.898 ug/l
RT: 4.700 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

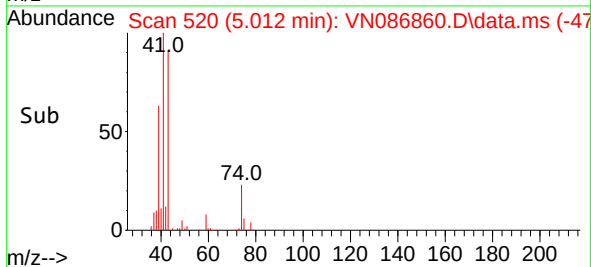
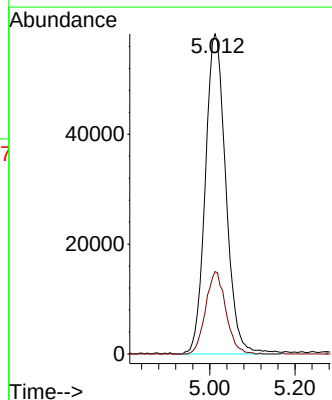
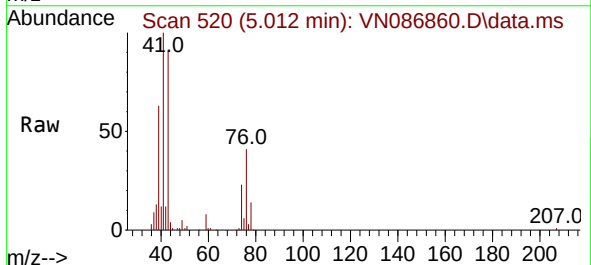
Instrument :
MSVOA_N
ClientSampleId :
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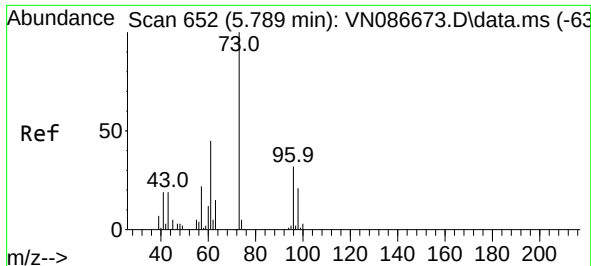
Tgt Ion: 76 Resp: 351805
Ion Ratio Lower Upper
76 100
78 8.6 7.3 10.9



#18
Methyl Acetate
Concen: 56.701 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

Tgt Ion: 43 Resp: 195106
Ion Ratio Lower Upper
43 100
74 25.3 20.5 30.7

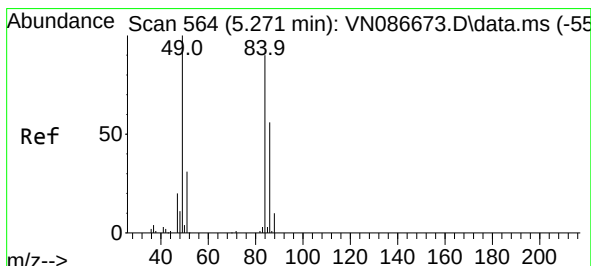
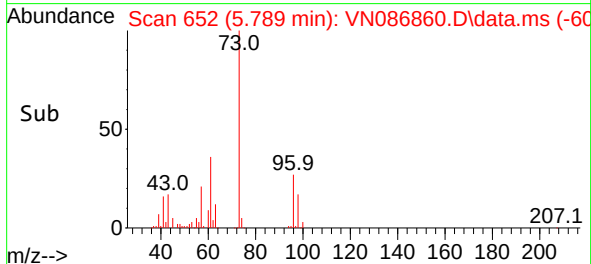
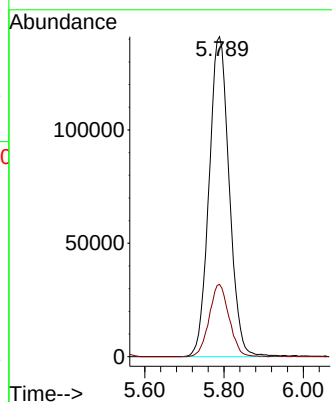
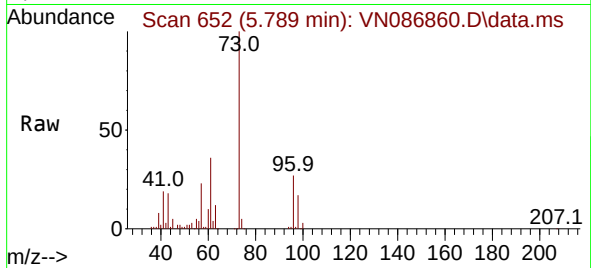




#19
Methyl tert-butyl Ether
Concen: 55.187 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

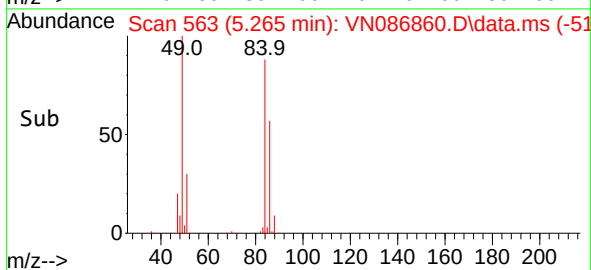
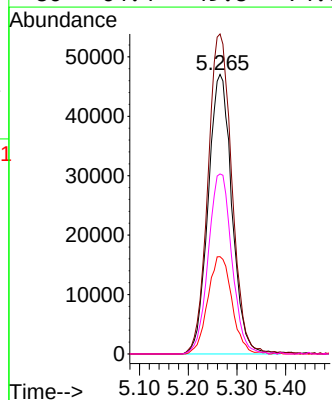
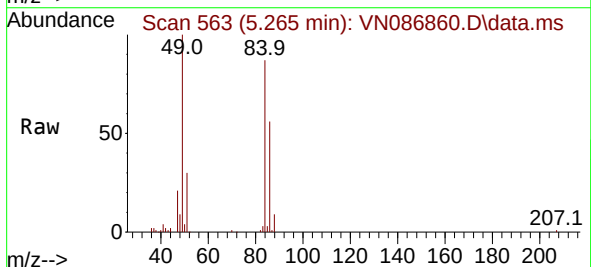
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

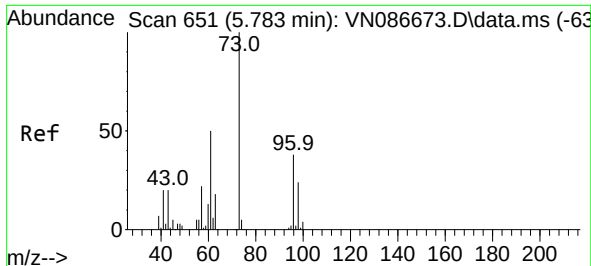
Tgt Ion: 73 Resp: 498503
Ion Ratio Lower Upper
73 100
57 22.6 17.7 26.5



#20
Methylene Chloride
Concen: 49.065 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.006 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

Tgt Ion: 84 Resp: 159181
Ion Ratio Lower Upper
84 100
49 114.5 88.8 133.2
51 34.8 27.8 41.6
86 64.4 49.8 74.6

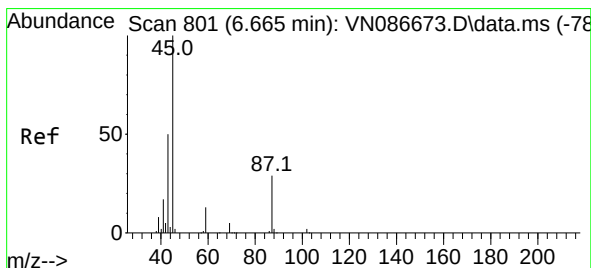
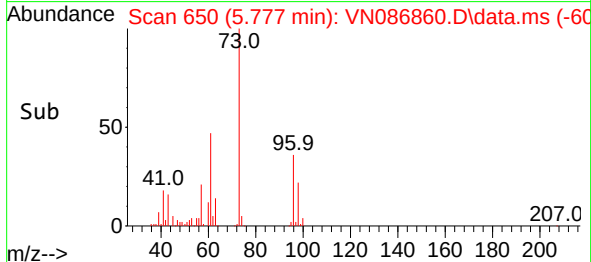
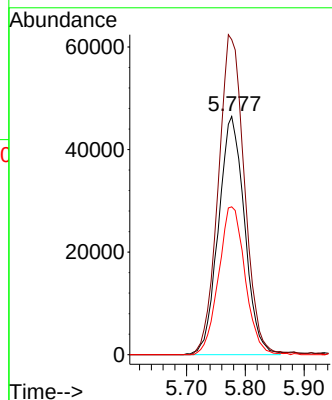
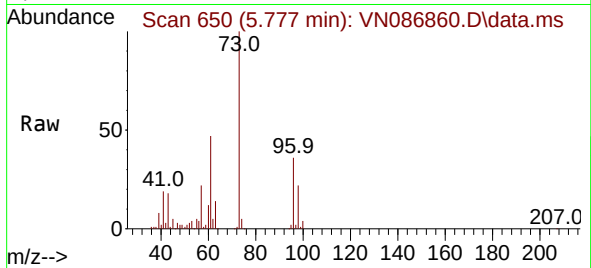




#21
trans-1,2-Dichloroethene
Concen: 51.054 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

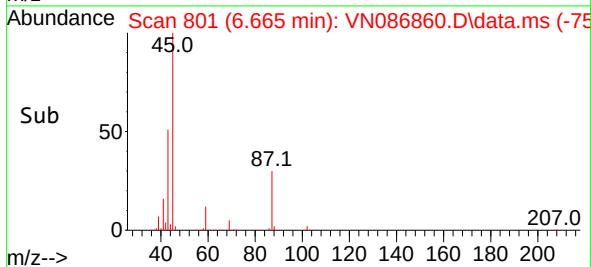
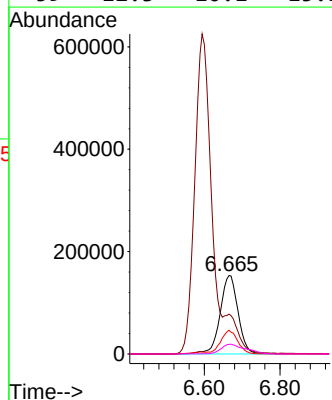
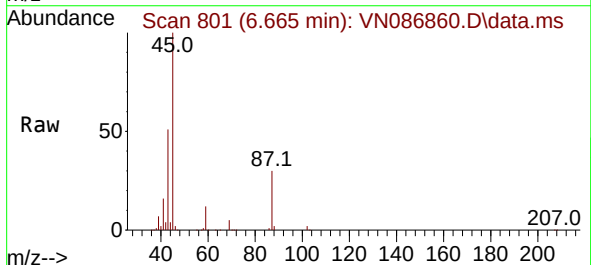
Instrument :
MSVOA_N
ClientSampleId :
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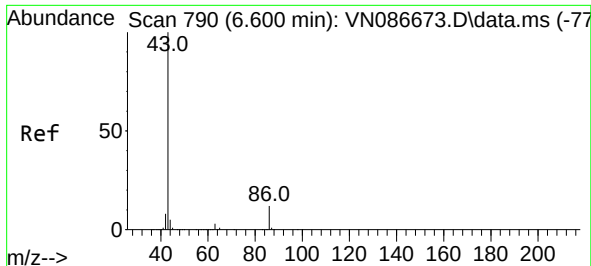
Tgt Ion: 96 Resp: 143199
Ion Ratio Lower Upper
96 100
61 132.3 105.7 158.5
98 62.0 51.0 76.6



#22
Diisopropyl ether
Concen: 55.630 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

Tgt Ion: 45 Resp: 503950
Ion Ratio Lower Upper
45 100
43 49.7 41.4 62.2
87 30.1 22.9 34.3
59 12.3 10.1 15.1

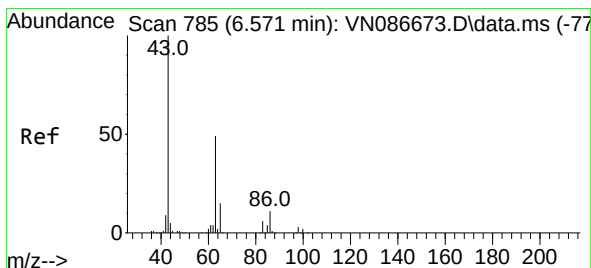
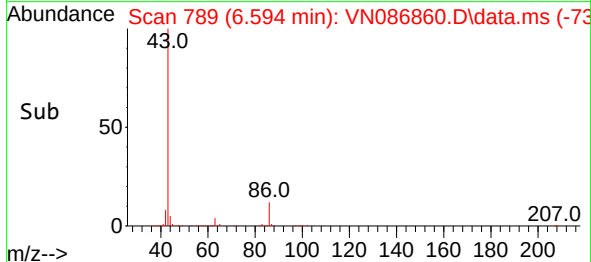
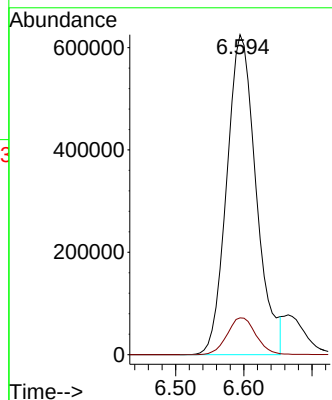
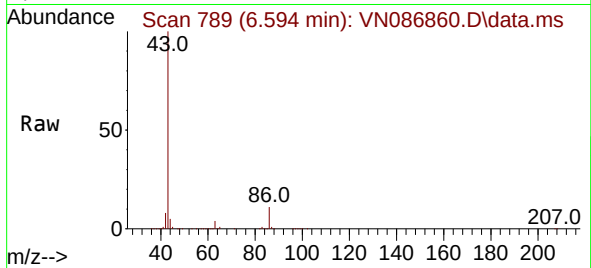




#23
 Vinyl Acetate
 Concen: 275.075 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. -0.006 min
 Lab File: VN086860.D
 Acq: 03 Jun 2025 22:13

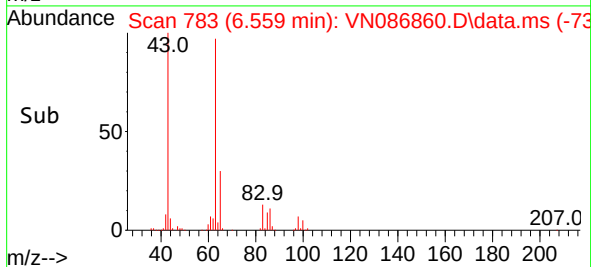
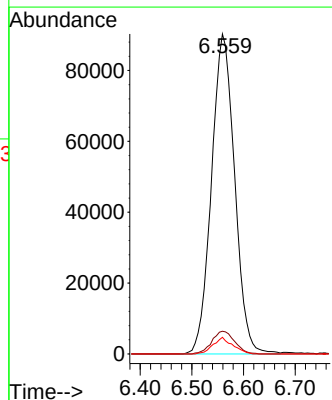
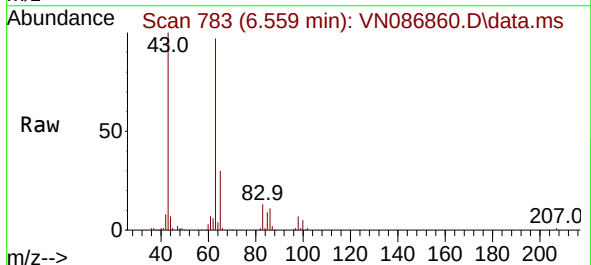
Instrument :
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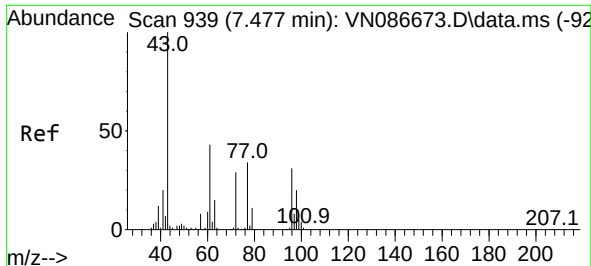
Tgt Ion: 43 Resp: 1872807
 Ion Ratio Lower Upper
 43 100
 86 11.5 9.5 14.3



#24
 1,1-Dichloroethane
 Concen: 52.934 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. -0.012 min
 Lab File: VN086860.D
 Acq: 03 Jun 2025 22:13

Tgt Ion: 63 Resp: 281535
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.4 10.2
 100 5.2 2.4 7.1

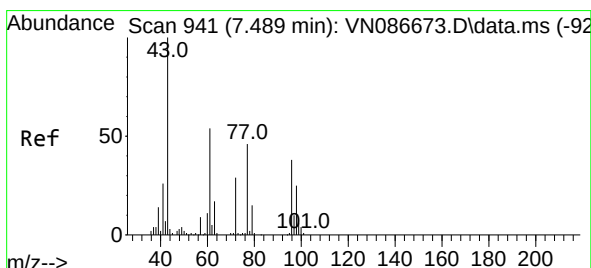
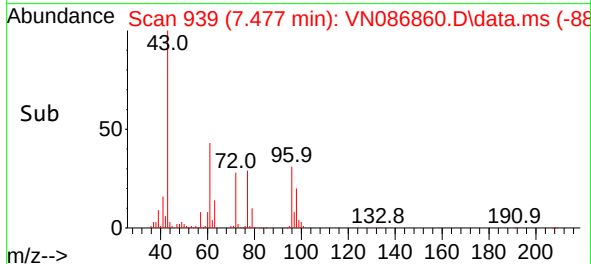
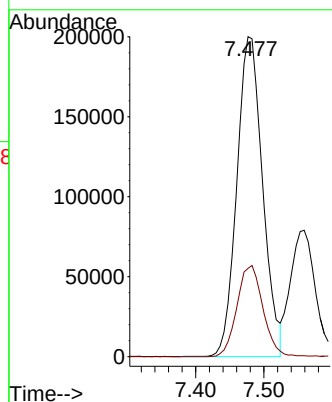
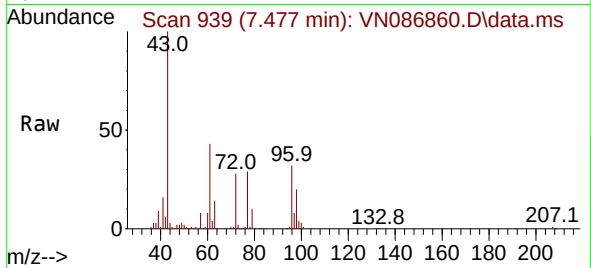




#25
2-Butanone
Concen: 276.581 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

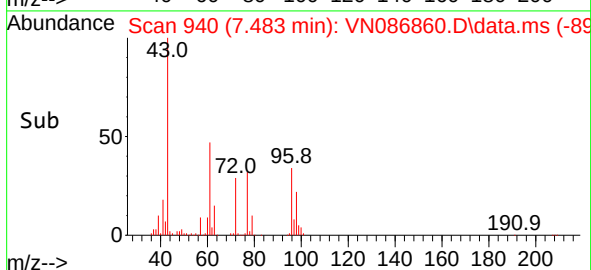
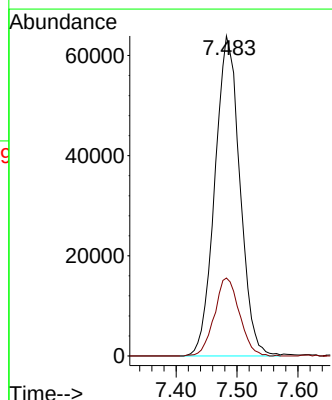
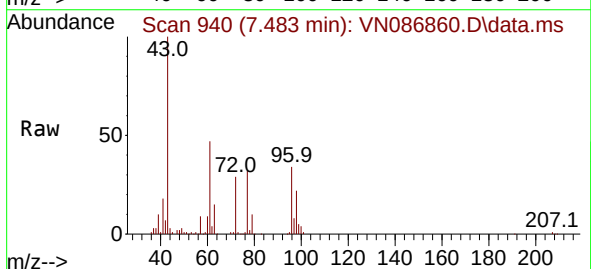
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MSVOA_N
ClientSampleId :
VSTDCCC050EC

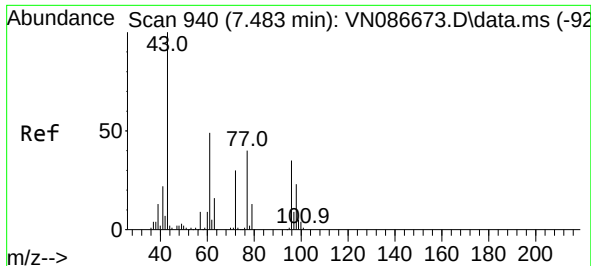
Tgt Ion: 43 Resp: 525443
Ion Ratio Lower Upper
43 100
72 27.6 23.1 34.7



#26
2,2-Dichloropropane
Concen: 41.597 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

Tgt Ion: 77 Resp: 182577
Ion Ratio Lower Upper
77 100
97 24.3 11.6 34.7



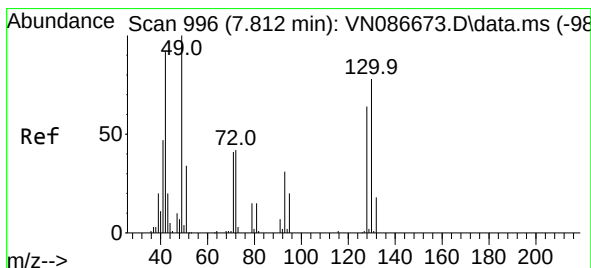
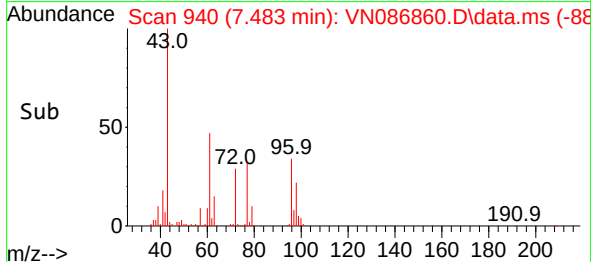
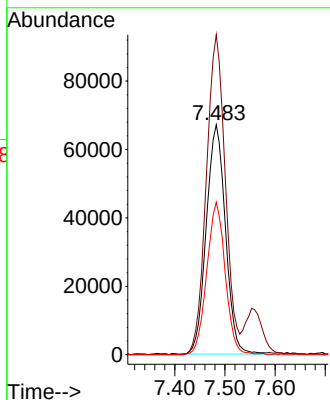
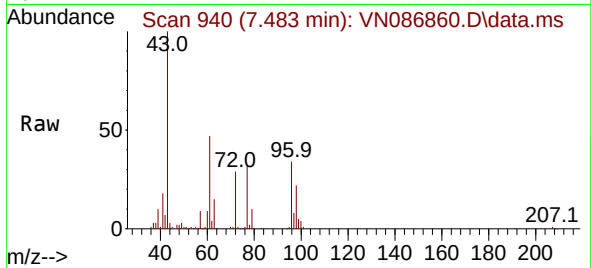


#27
 cis-1,2-Dichloroethene
 Concen: 51.949 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN086860.D
 Acq: 03 Jun 2025 22:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 178848

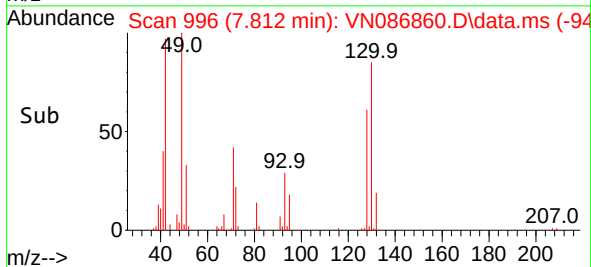
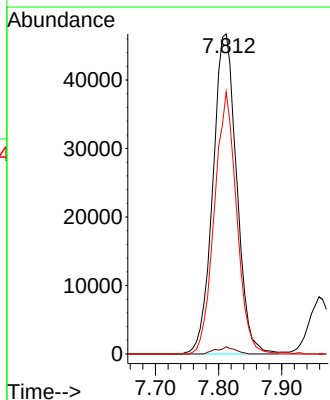
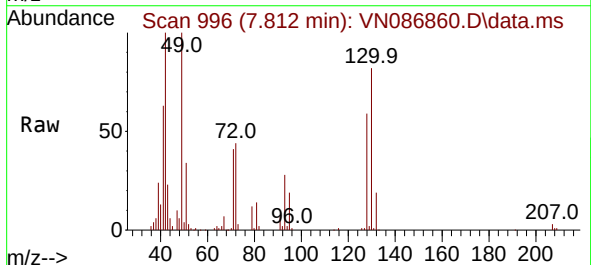
Ion	Ratio	Lower	Upper
96	100		
61	137.6	0.0	277.4
98	63.8	0.0	129.6

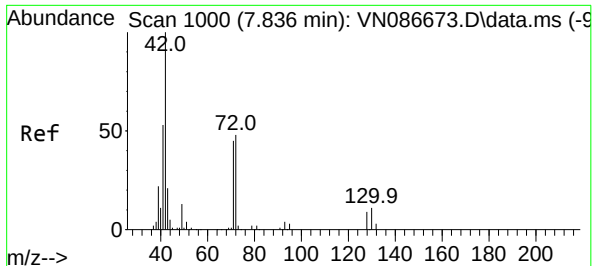


#28
 Bromochloromethane
 Concen: 50.640 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN086860.D
 Acq: 03 Jun 2025 22:13

Tgt Ion: 49 Resp: 122369

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.8
130	76.2	62.2	93.4





#29

Tetrahydrofuran

Concen: 281.049 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086860.D

Acq: 03 Jun 2025 22:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

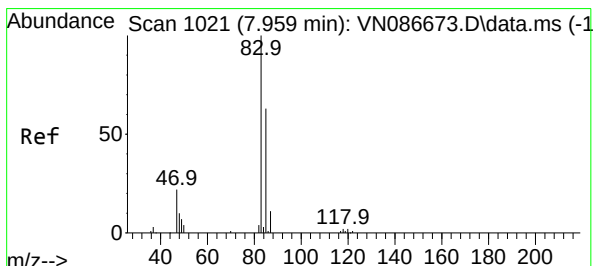
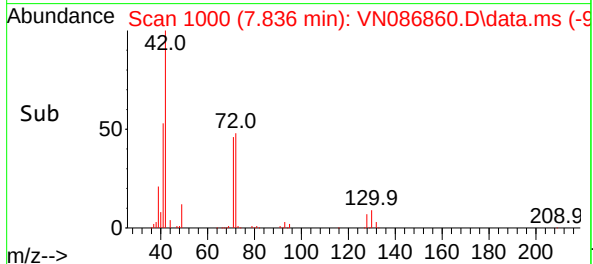
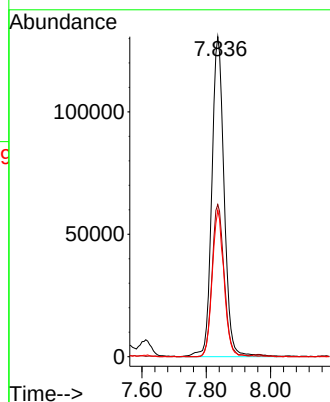
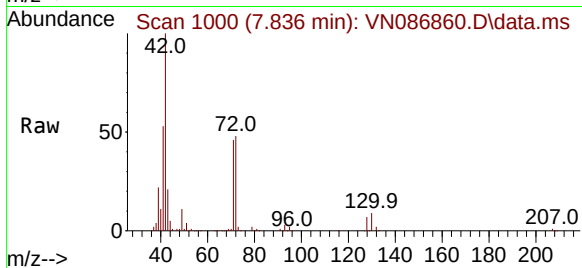
Tgt Ion: 42 Resp: 348505

Ion Ratio Lower Upper

42 100

72 46.8 38.7 58.1

71 43.5 36.2 54.4



#30

Chloroform

Concen: 51.603 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN086860.D

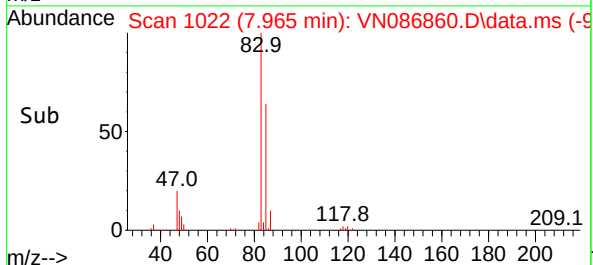
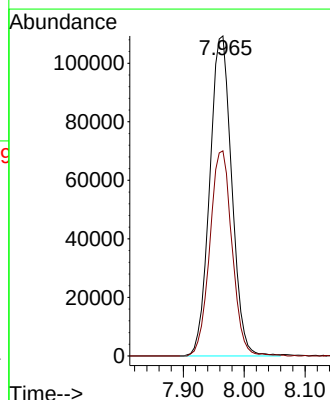
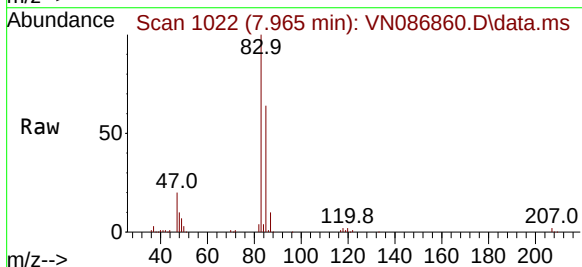
Acq: 03 Jun 2025 22:13

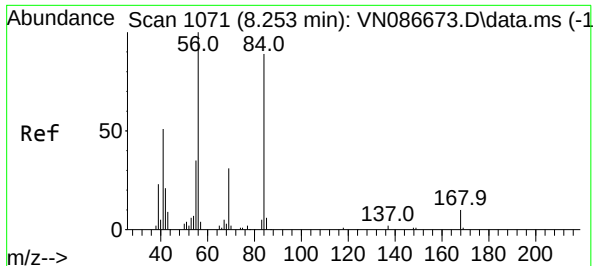
Tgt Ion: 83 Resp: 274707

Ion Ratio Lower Upper

83 100

85 64.1 50.2 75.4

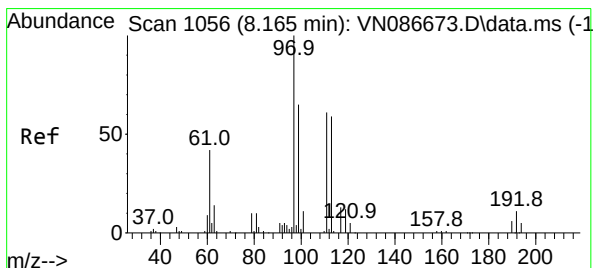
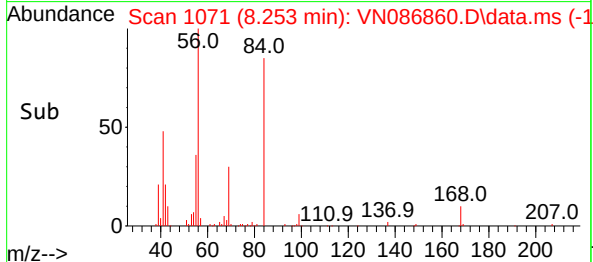
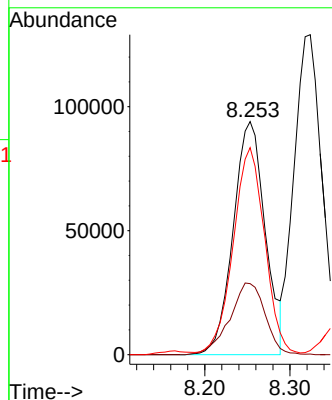
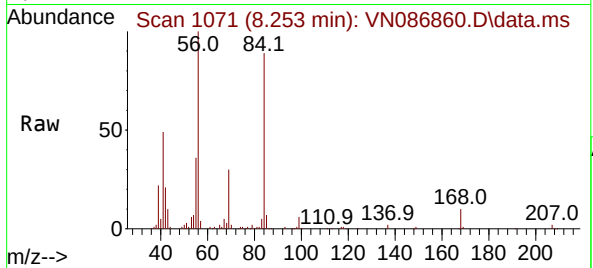




#31
Cyclohexane
Concen: 49.723 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

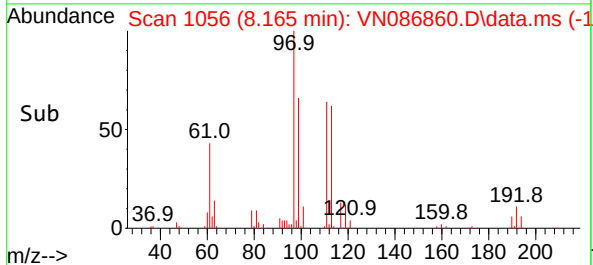
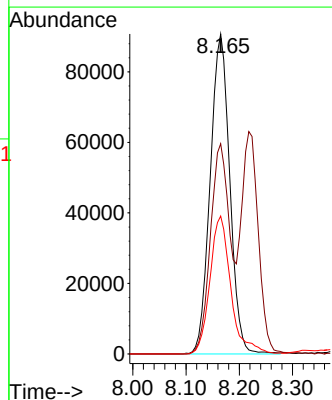
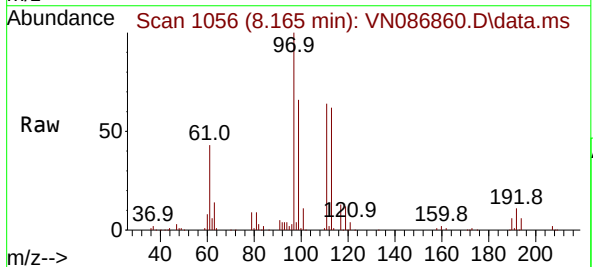
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

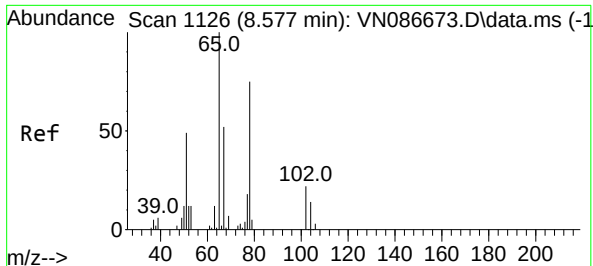
Tgt Ion: 56 Resp: 245265
Ion Ratio Lower Upper
56 100
69 30.5 25.0 37.6
84 87.6 71.0 106.4



#32
1,1,1-Trichloroethane
Concen: 51.575 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

Tgt Ion: 97 Resp: 231483
Ion Ratio Lower Upper
97 100
99 66.7 52.6 79.0
61 46.1 37.7 56.5





#33

1,2-Dichloroethane-d4

Concen: 51.104 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086860.D

Acq: 03 Jun 2025 22:13

Instrument :

MSVOA_N

ClientSampleId :

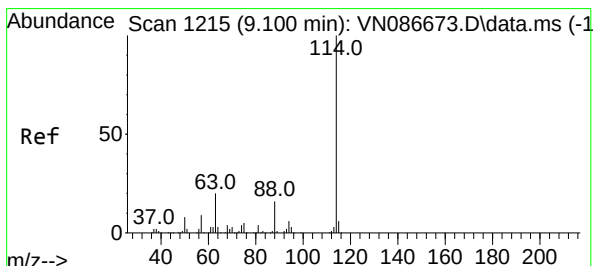
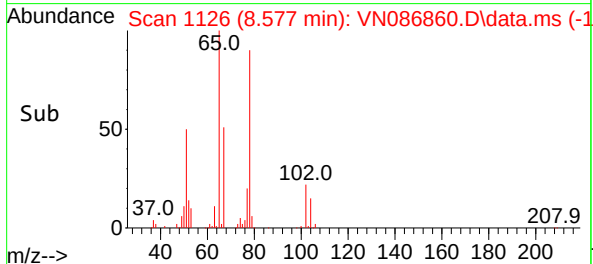
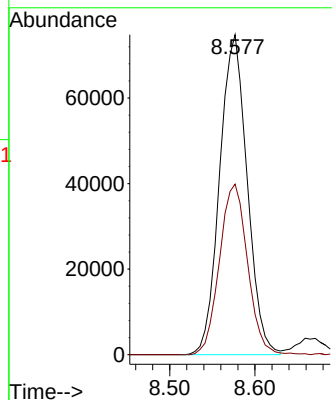
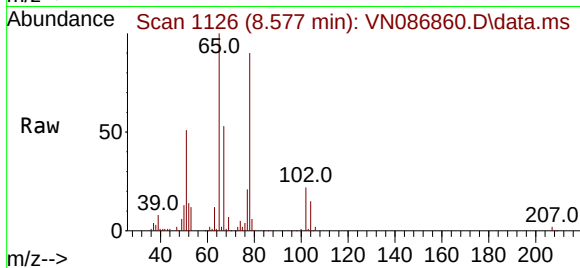
VSTDCCC050EC

Tgt Ion: 65 Resp: 167960

Ion Ratio Lower Upper

65 100

67 54.4 0.0 106.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086860.D

Acq: 03 Jun 2025 22:13

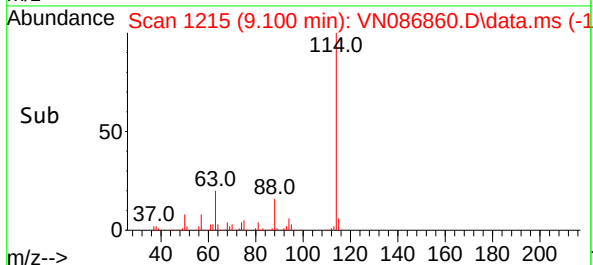
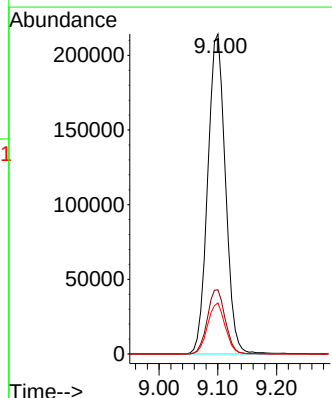
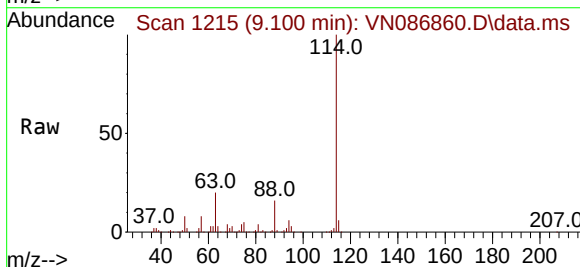
Tgt Ion: 114 Resp: 448231

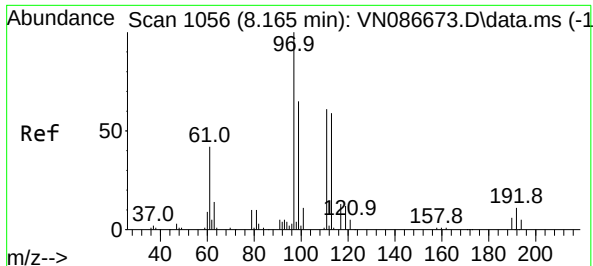
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.2

88 15.9 0.0 31.2





#35

Dibromofluoromethane

Concen: 51.616 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086860.D

Acq: 03 Jun 2025 22:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

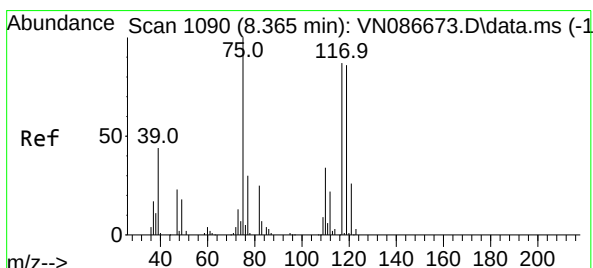
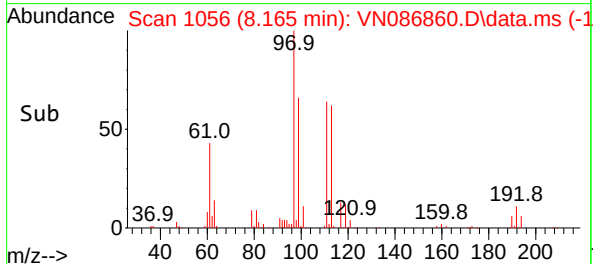
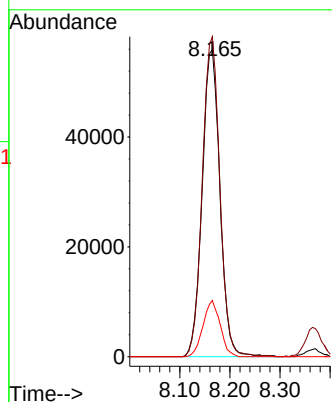
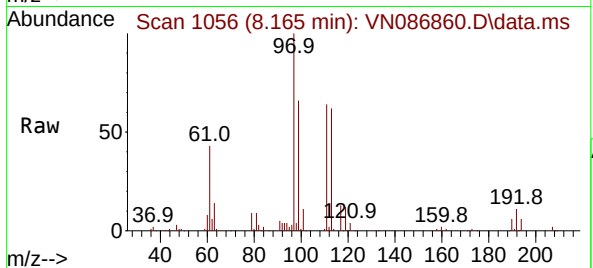
Tgt Ion:113 Resp: 137784

Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.2

192 17.7 13.8 20.8



#36

1,1-Dichloropropene

Concen: 49.561 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. -0.000 min

Lab File: VN086860.D

Acq: 03 Jun 2025 22:13

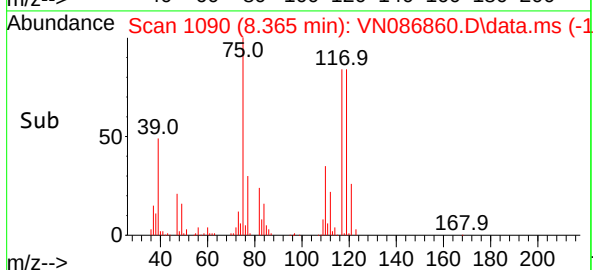
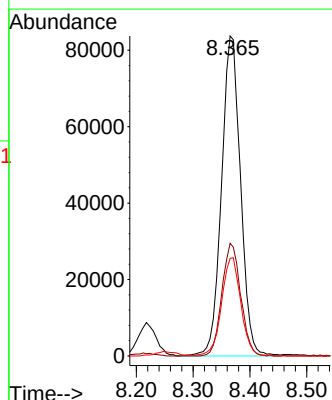
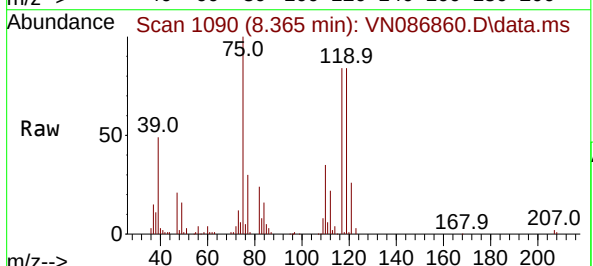
Tgt Ion: 75 Resp: 195145

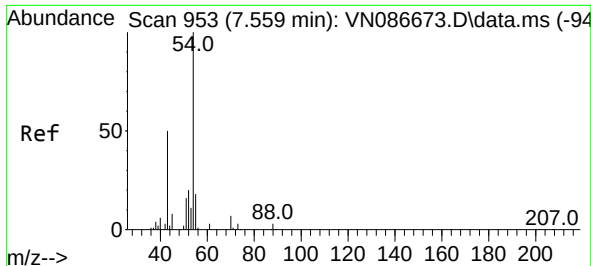
Ion Ratio Lower Upper

75 100

110 34.8 17.5 52.5

77 31.1 25.1 37.7

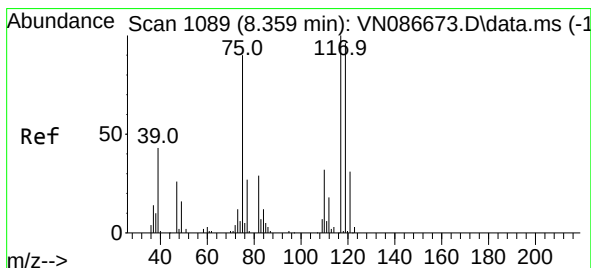
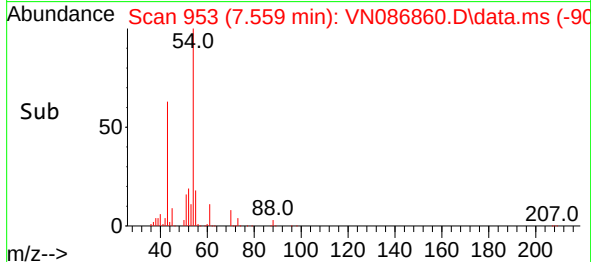
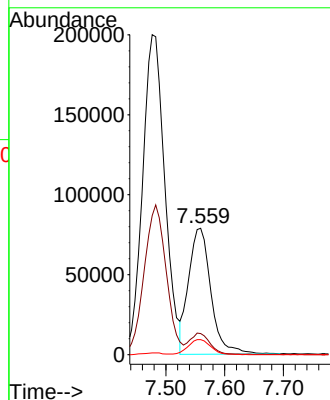
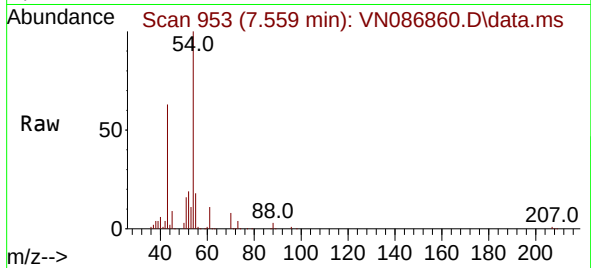




#37
Ethyl Acetate
Concen: 52.218 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

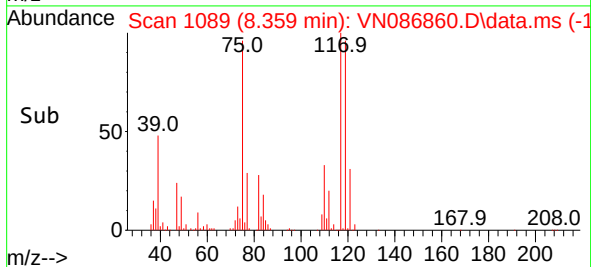
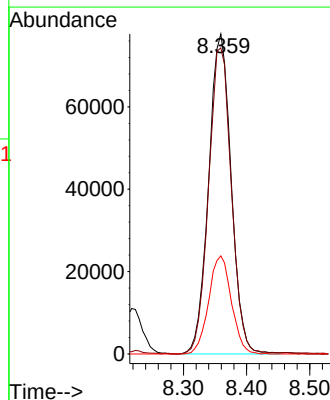
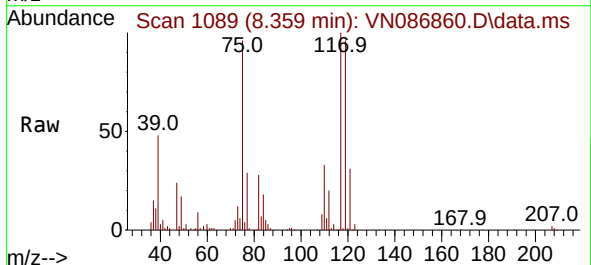
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

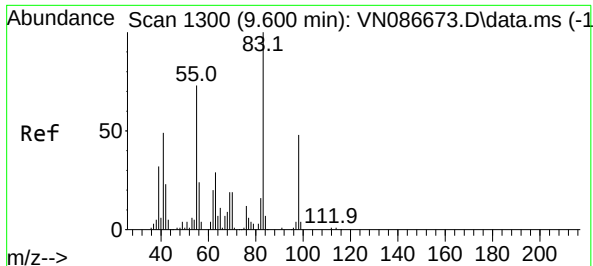
Tgt Ion: 43 Resp: 207691
Ion Ratio Lower Upper
43 100
61 15.5 11.6 17.4
70 12.1 9.4 14.0



#38
Carbon Tetrachloride
Concen: 49.637 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

Tgt Ion: 117 Resp: 192571
Ion Ratio Lower Upper
117 100
119 95.7 77.0 115.6
121 30.7 25.0 37.6





#39

Methylcyclohexane

Concen: 50.675 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN086860.D

Acq: 03 Jun 2025 22:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

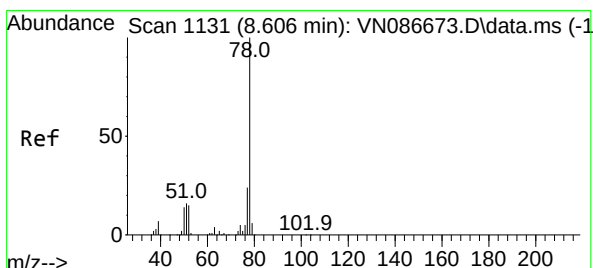
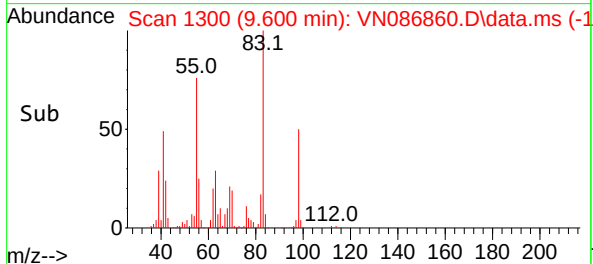
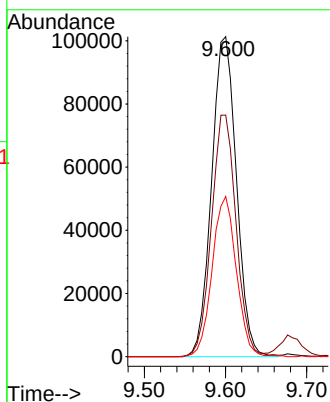
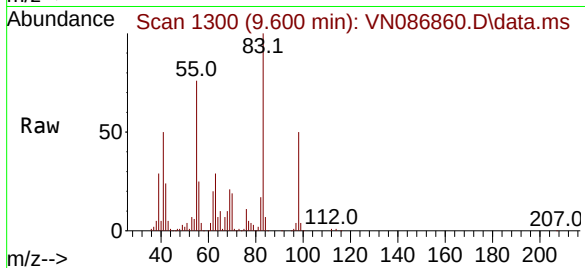
Tgt Ion: 83 Resp: 215954

Ion Ratio Lower Upper

83 100

55 75.5 58.2 87.4

98 50.1 38.4 57.6



#40

Benzene

Concen: 49.995 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN086860.D

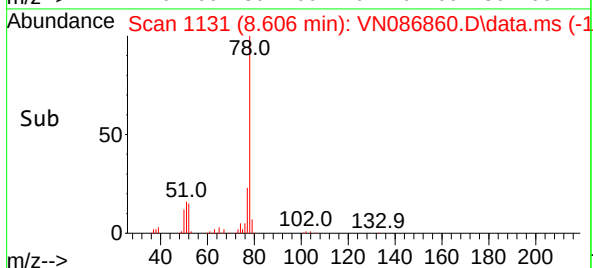
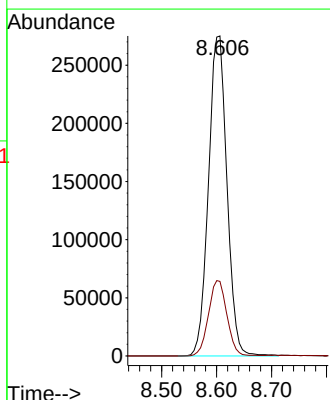
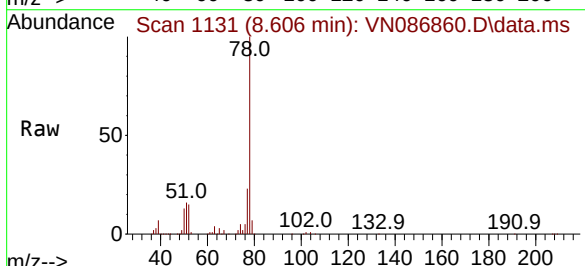
Acq: 03 Jun 2025 22:13

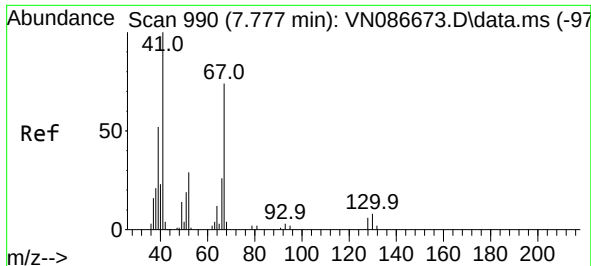
Tgt Ion: 78 Resp: 642170

Ion Ratio Lower Upper

78 100

77 23.3 19.1 28.7



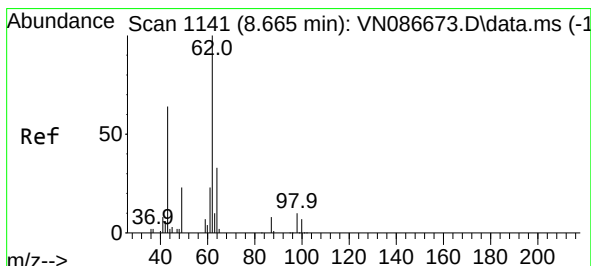
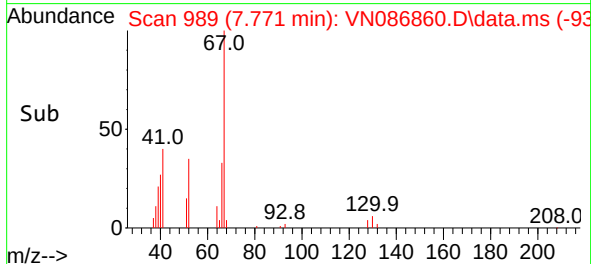
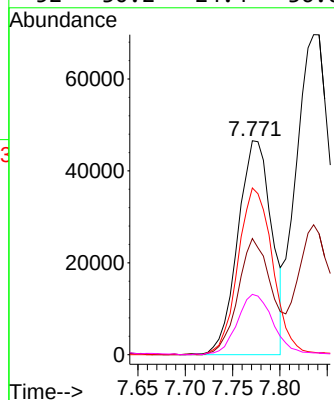
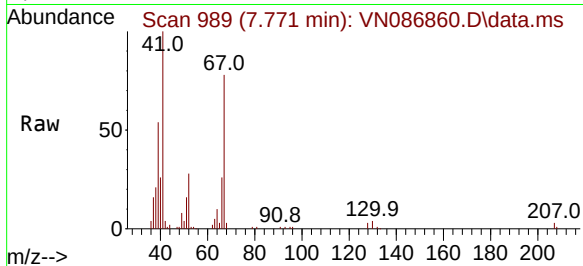


#41
Methacrylonitrile
Concen: 54.064 ug/l
RT: 7.771 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 116105

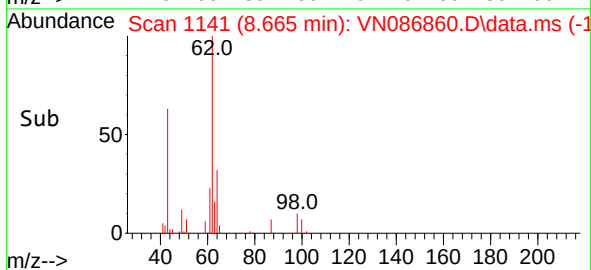
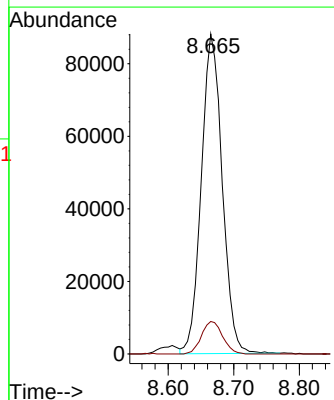
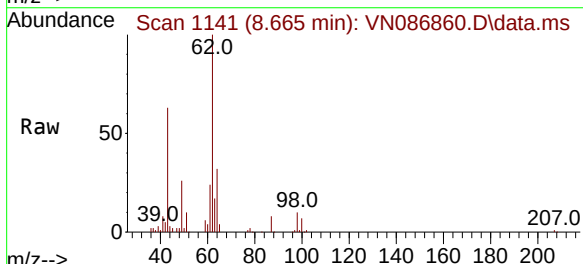
Ion	Ratio	Lower	Upper
41	100		
39	54.7	44.9	67.3
67	80.4	63.4	95.0
52	30.2	24.4	36.6

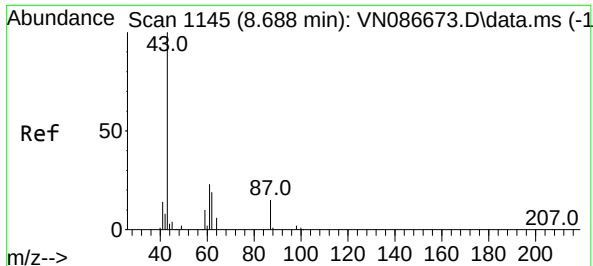


#42
1,2-Dichloroethane
Concen: 48.839 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

Tgt Ion: 62 Resp: 195440

Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	19.2

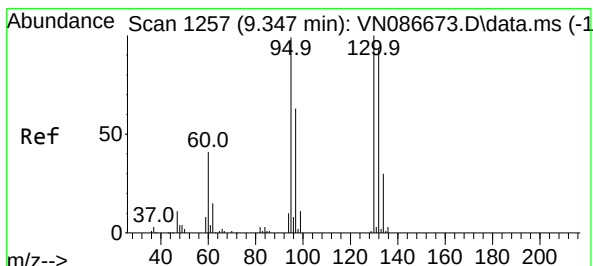
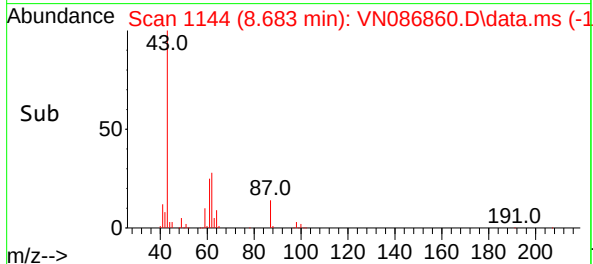
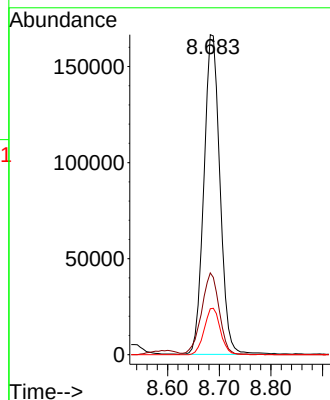
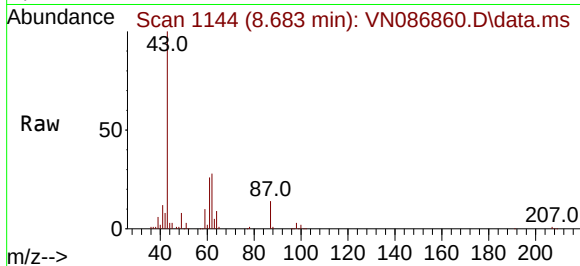




#43
Isopropyl Acetate
Concen: 45.100 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

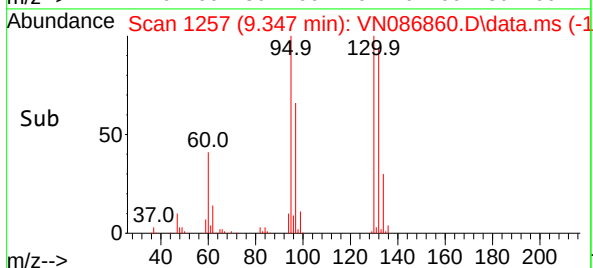
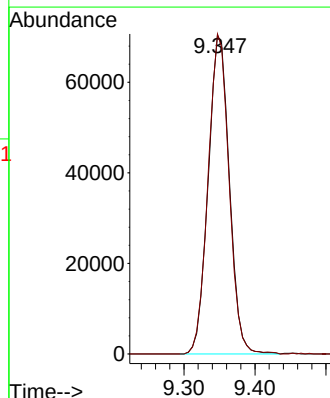
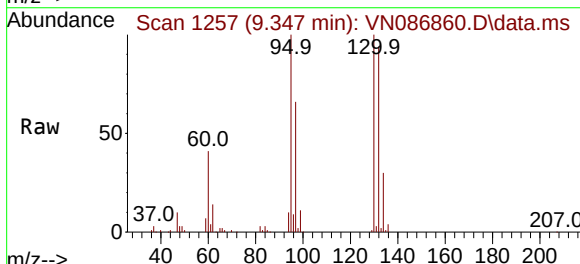
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

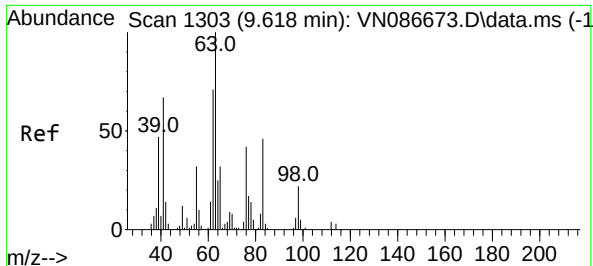
Tgt Ion: 43 Resp: 359608
Ion Ratio Lower Upper
43 100
61 28.2 21.4 32.2
87 14.6 11.1 16.7



#44
Trichloroethene
Concen: 47.041 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

Tgt Ion: 130 Resp: 145737
Ion Ratio Lower Upper
130 100
95 100.3 0.0 197.0





#45

1,2-Dichloropropane

Concen: 52.514 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086860.D

Acq: 03 Jun 2025 22:13

Instrument :

MSVOA_N

ClientSampleId :

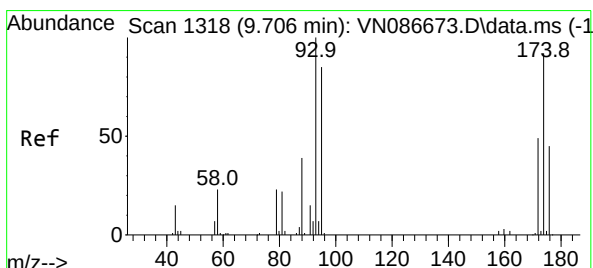
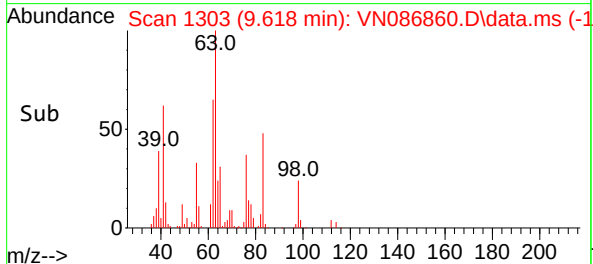
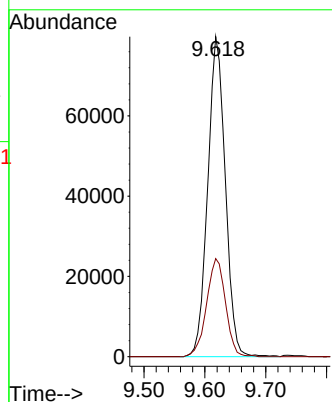
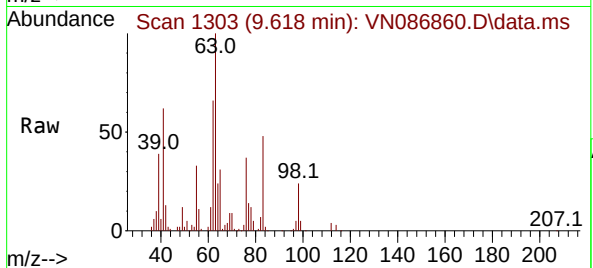
VSTDCCC050EC

Tgt Ion: 63 Resp: 160238

Ion Ratio Lower Upper

63 100

65 30.6 25.8 38.6



#46

Dibromomethane

Concen: 50.457 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086860.D

Acq: 03 Jun 2025 22:13

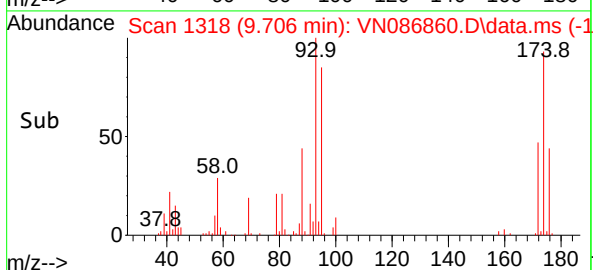
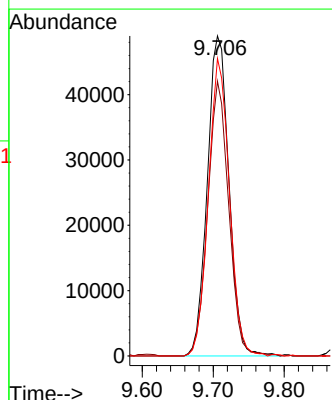
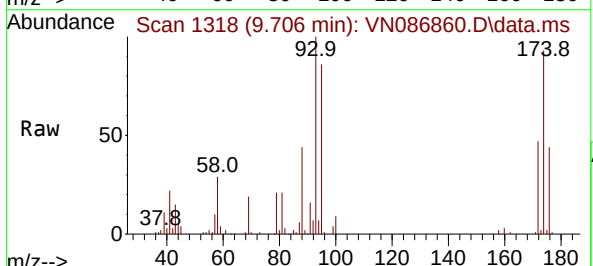
Tgt Ion: 93 Resp: 103887

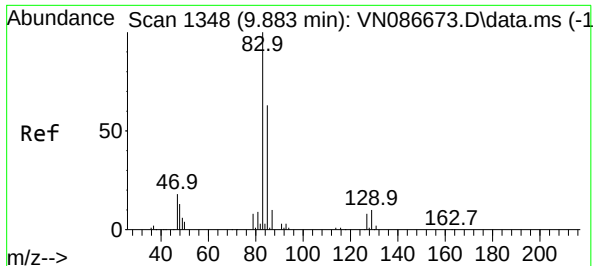
Ion Ratio Lower Upper

93 100

95 83.0 67.1 100.7

174 90.1 73.8 110.6





#47

Bromodichloromethane

Concen: 51.971 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. 0.006 min

Lab File: VN086860.D

Acq: 03 Jun 2025 22:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

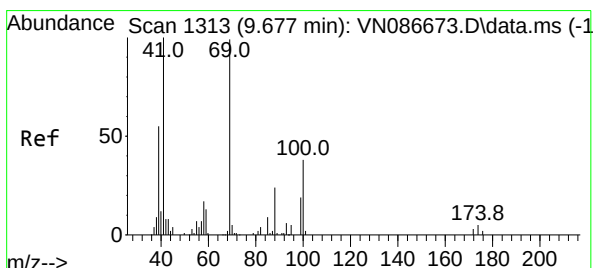
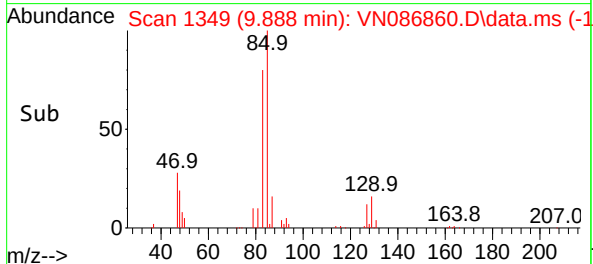
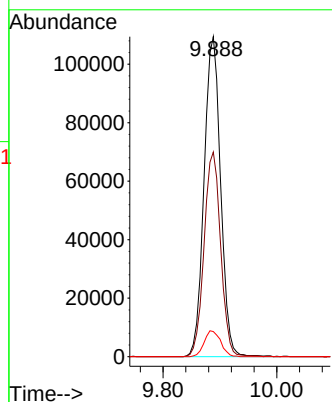
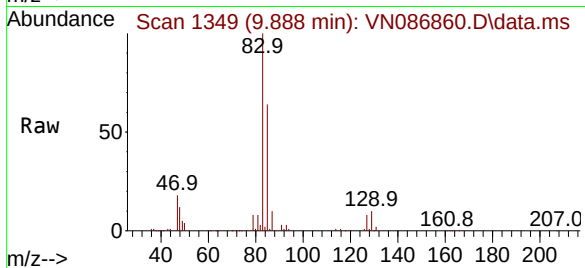
Tgt Ion: 83 Resp: 220474

Ion Ratio Lower Upper

83 100

85 64.0 50.1 75.1

127 7.9 6.2 9.4



#48

Methyl methacrylate

Concen: 55.061 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.006 min

Lab File: VN086860.D

Acq: 03 Jun 2025 22:13

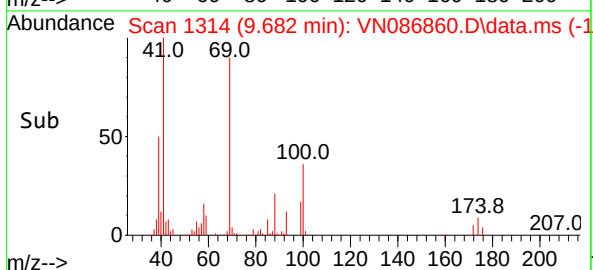
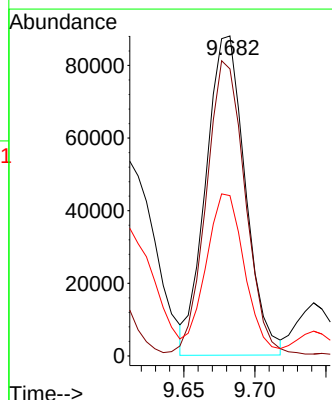
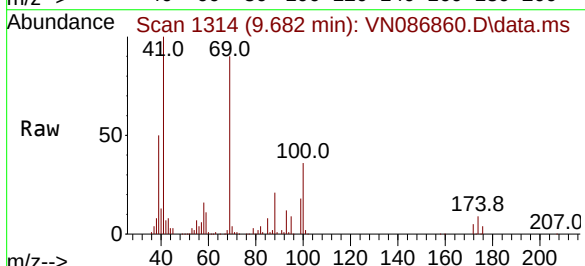
Tgt Ion: 41 Resp: 170126

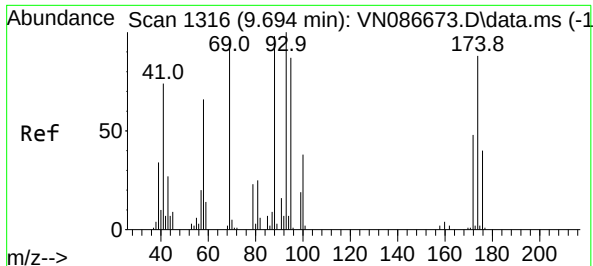
Ion Ratio Lower Upper

41 100

69 90.6 74.1 111.1

39 50.4 44.1 66.1





#49

1,4-Dioxane

Concen: 939.858 ug/l

RT: 9.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086860.D

Acq: 03 Jun 2025 22:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

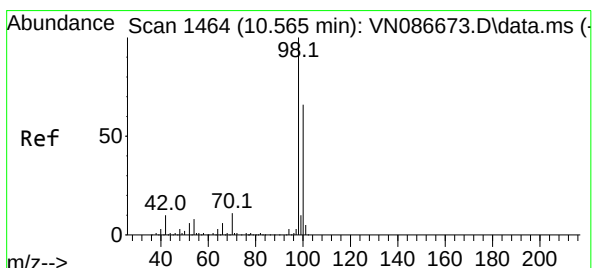
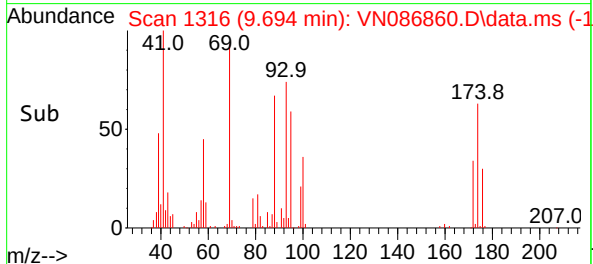
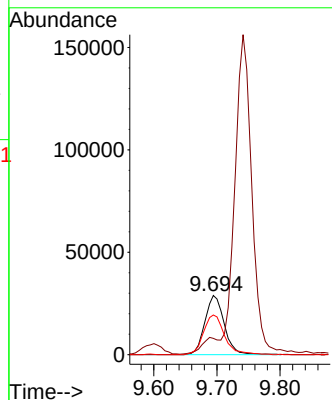
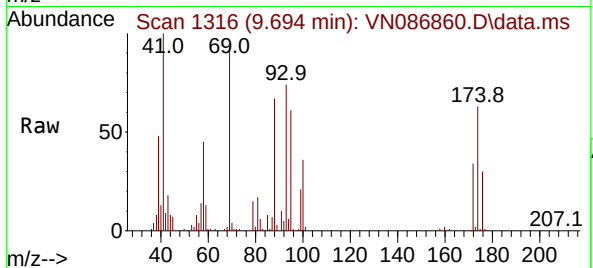
Tgt Ion: 88 Resp: 61490

Ion Ratio Lower Upper

88 100

43 26.4 23.6 35.4

58 73.2 55.3 82.9



#50

Toluene-d8

Concen: 48.911 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086860.D

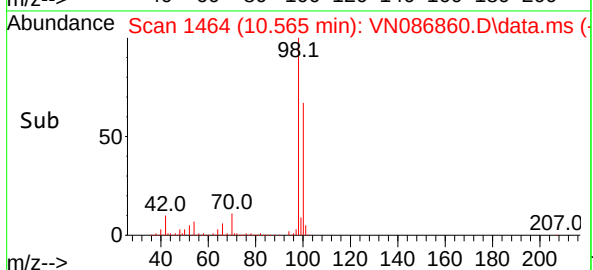
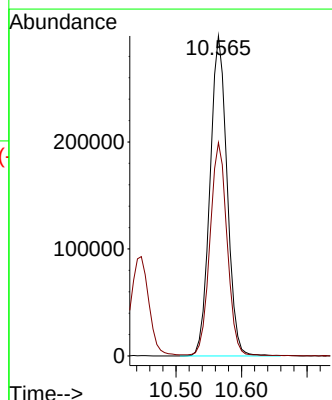
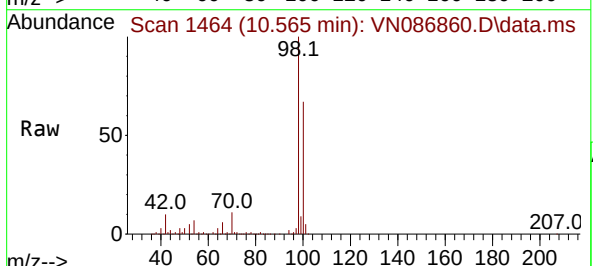
Acq: 03 Jun 2025 22:13

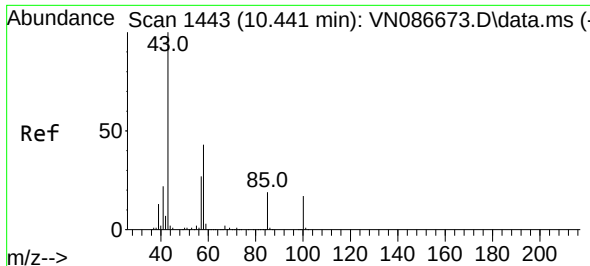
Tgt Ion: 98 Resp: 541062

Ion Ratio Lower Upper

98 100

100 67.2 52.9 79.3

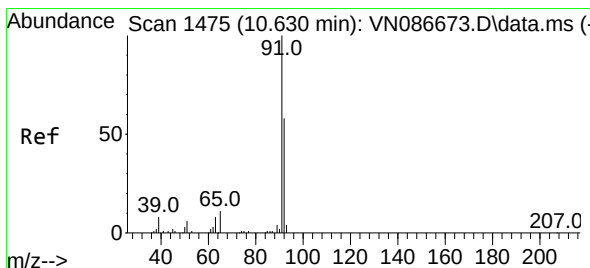
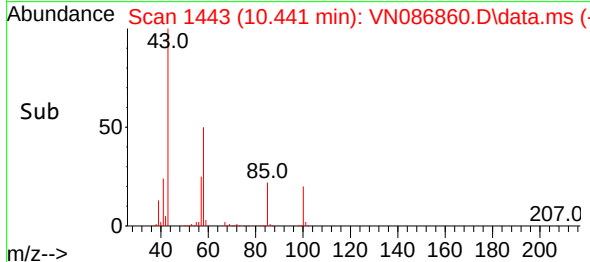
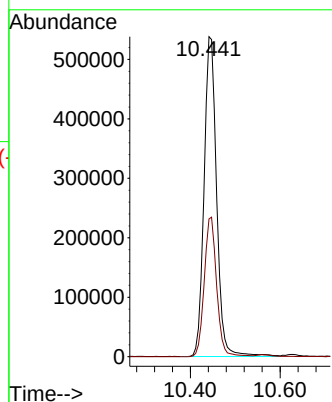
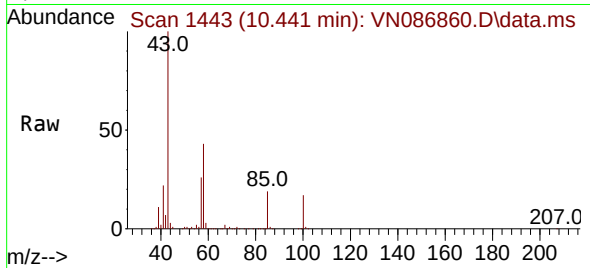




#51
4-Methyl-2-Pentanone
Concen: 260.074 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

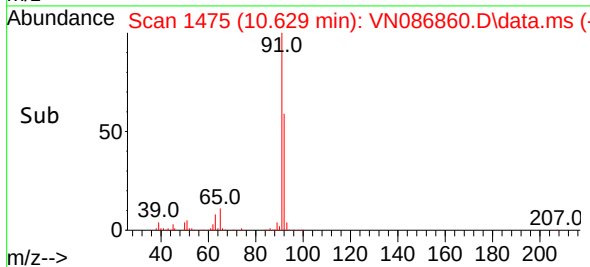
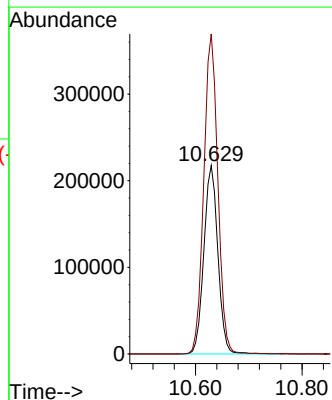
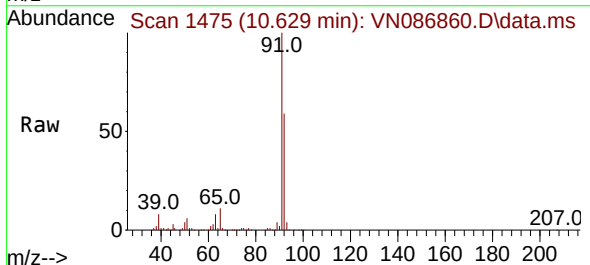
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

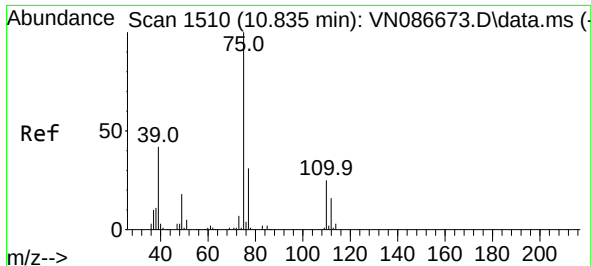
Tgt Ion: 43 Resp: 1045754
Ion Ratio Lower Upper
43 100
58 43.1 33.9 50.9



#52
Toluene
Concen: 49.594 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

Tgt Ion: 92 Resp: 395921
Ion Ratio Lower Upper
92 100
91 170.4 137.8 206.8

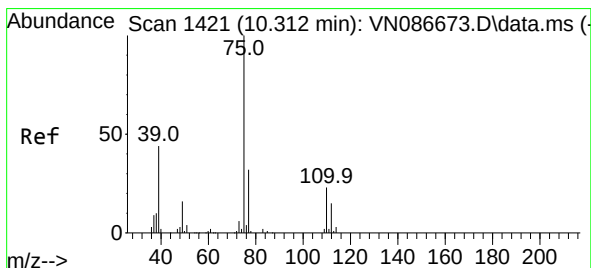
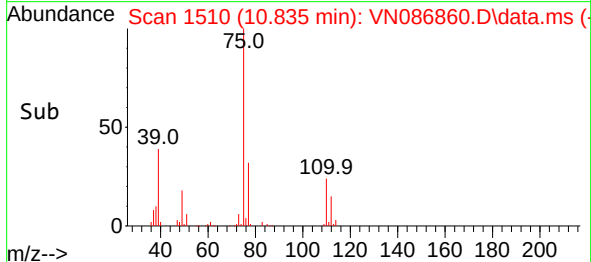
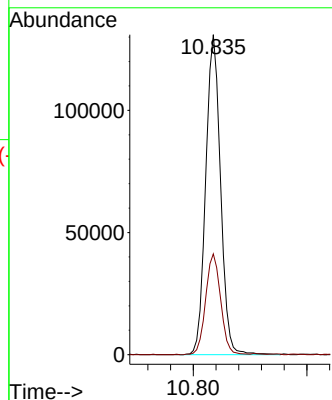
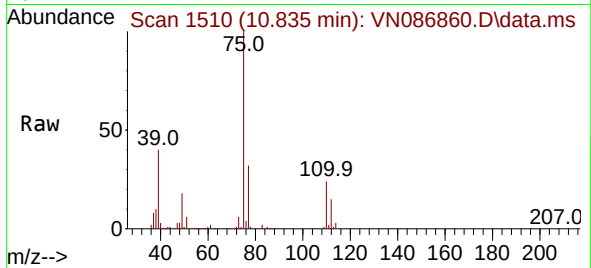




#53
 t-1,3-Dichloropropene
 Concen: 52.577 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN086860.D
 Acq: 03 Jun 2025 22:13

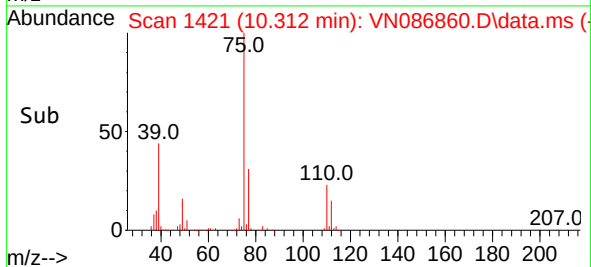
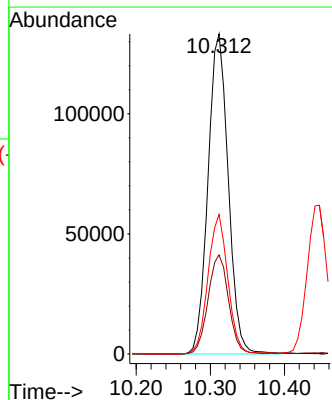
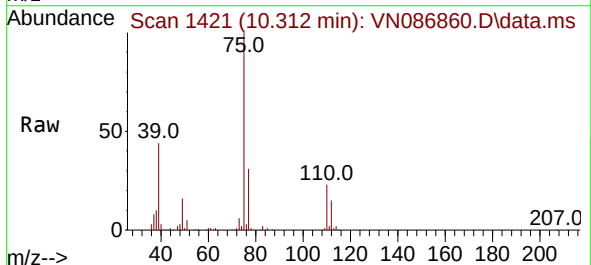
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

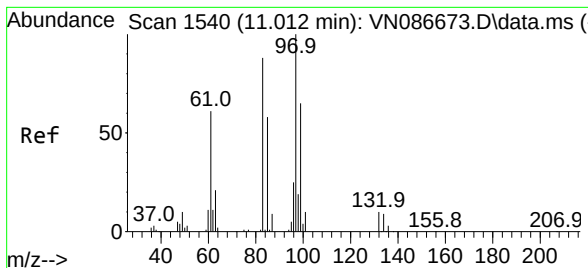
Tgt Ion: 75 Resp: 236158
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 51.580 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN086860.D
 Acq: 03 Jun 2025 22:13

Tgt Ion: 75 Resp: 252902
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.3 37.9
 39 43.6 35.2 52.8





#55

1,1,2-Trichloroethane

Concen: 50.354 ug/l

RT: 11.018 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN086860.D

Acq: 03 Jun 2025 22:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 149956

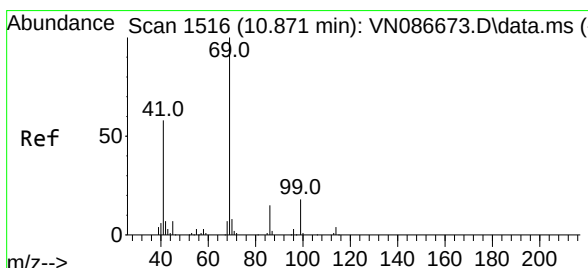
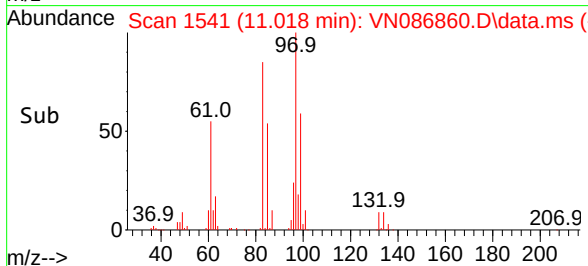
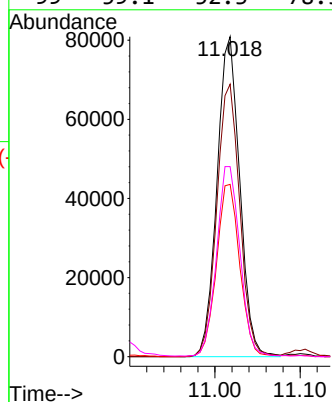
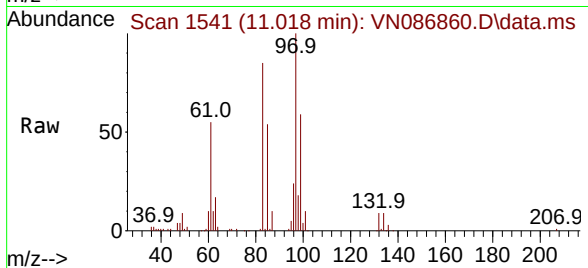
Ion Ratio Lower Upper

97 100

83 85.2 70.4 105.6

85 53.9 46.1 69.1

99 59.1 52.3 78.5



#56

Ethyl methacrylate

Concen: 53.557 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. 0.006 min

Lab File: VN086860.D

Acq: 03 Jun 2025 22:13

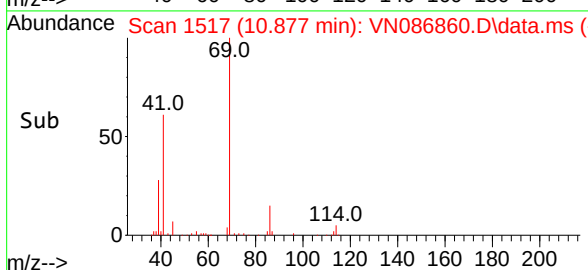
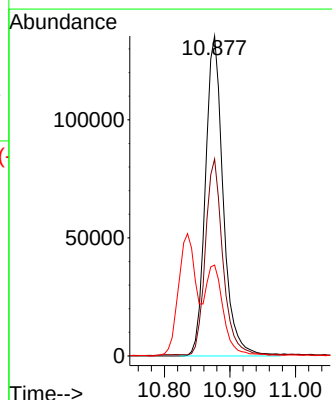
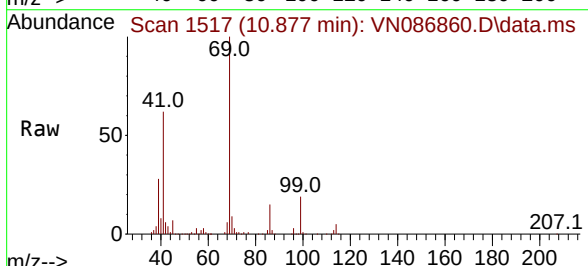
Tgt Ion: 69 Resp: 256083

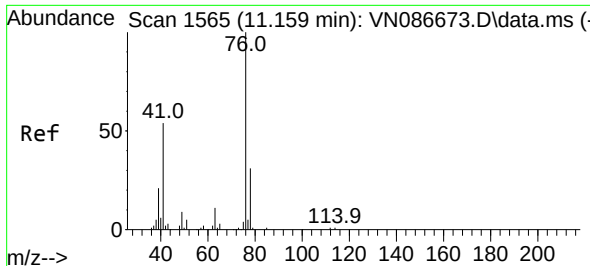
Ion Ratio Lower Upper

69 100

41 59.9 47.4 71.0

39 26.4 24.0 36.0

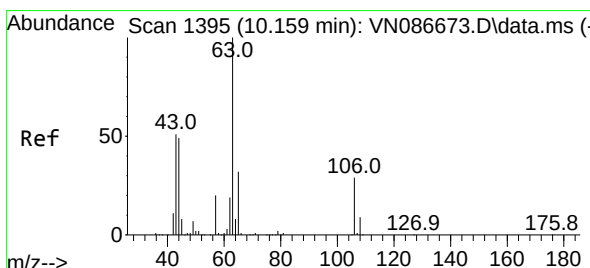
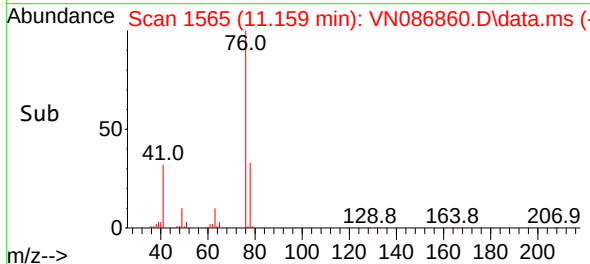
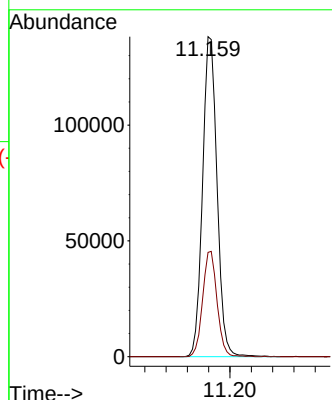
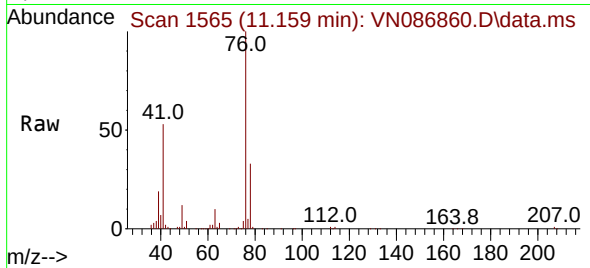




#57
1,3-Dichloropropane
Concen: 50.776 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

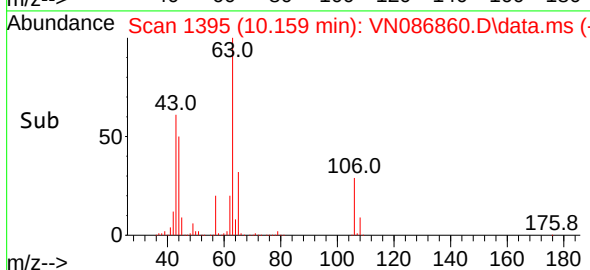
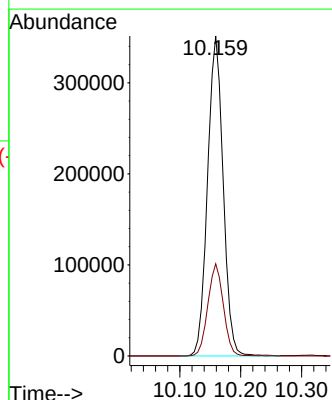
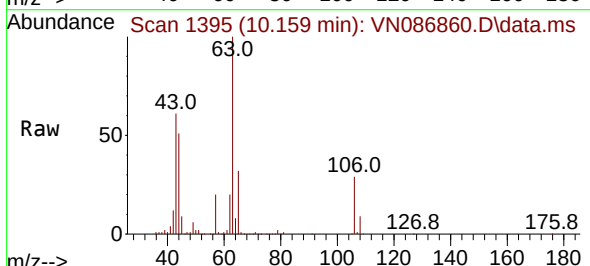
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

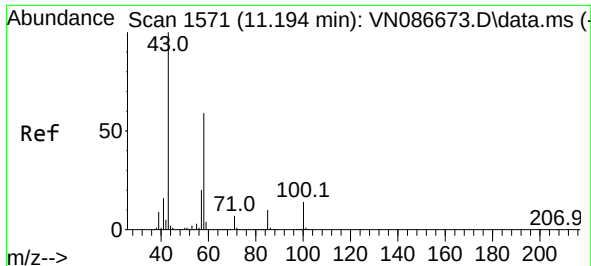
Tgt Ion: 76 Resp: 260501
Ion Ratio Lower Upper
76 100
78 32.7 25.8 38.8



#58
2-Chloroethyl Vinyl ether
Concen: 292.973 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

Tgt Ion: 63 Resp: 626076
Ion Ratio Lower Upper
63 100
106 28.6 23.1 34.7

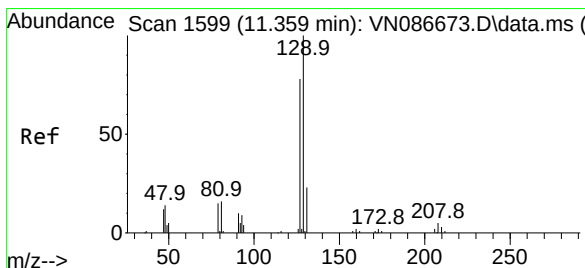
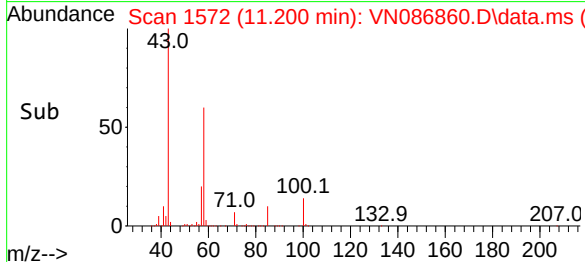
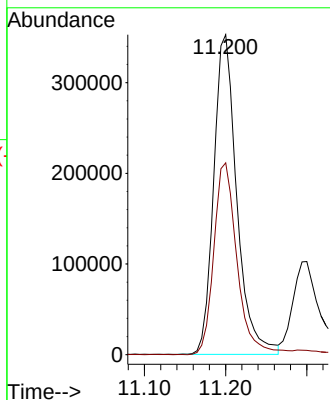
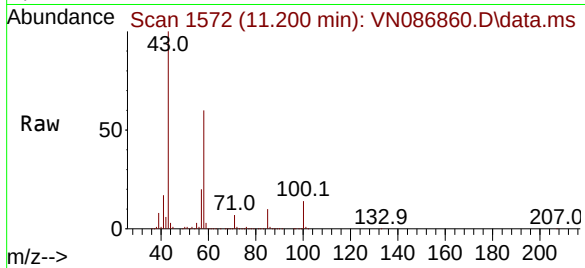




#59
2-Hexanone
Concen: 237.295 ug/l
RT: 11.200 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

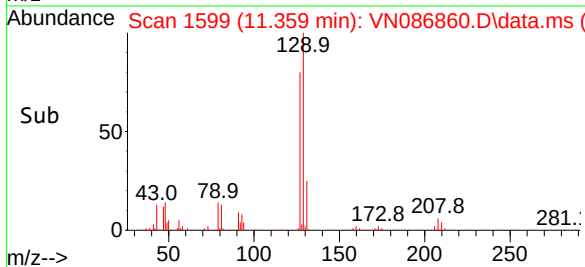
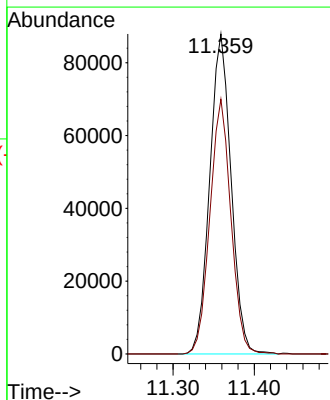
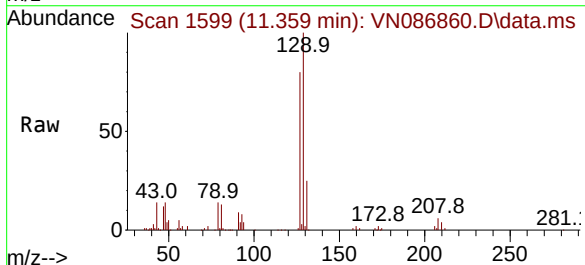
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

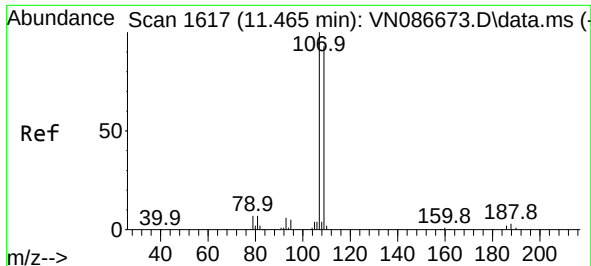
Tgt Ion: 43 Resp: 696780
Ion Ratio Lower Upper
43 100
58 60.7 29.8 89.5



#60
Dibromochloromethane
Concen: 51.505 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

Tgt Ion:129 Resp: 160748
Ion Ratio Lower Upper
129 100
127 78.2 39.5 118.3

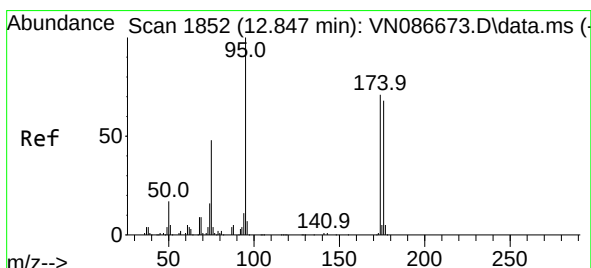
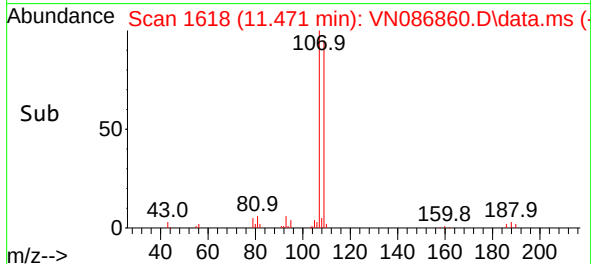
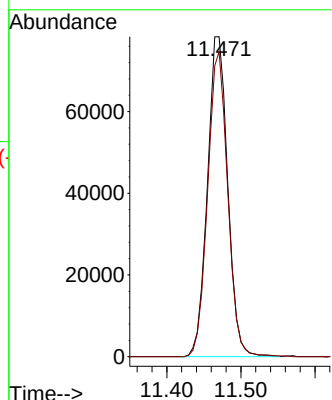
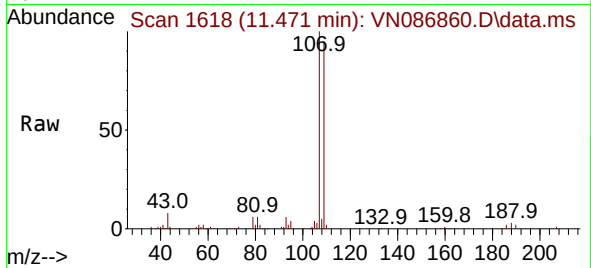




#61
1,2-Dibromoethane
Concen: 49.827 ug/l
RT: 11.471 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

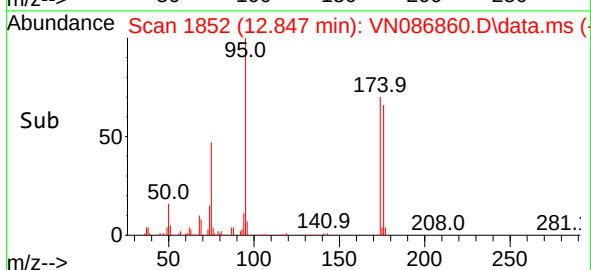
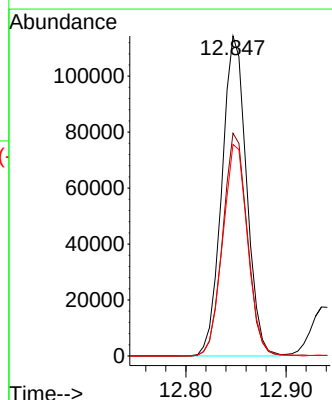
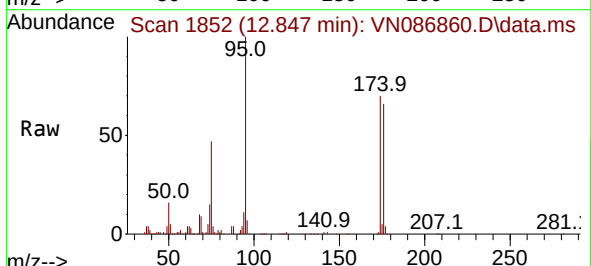
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

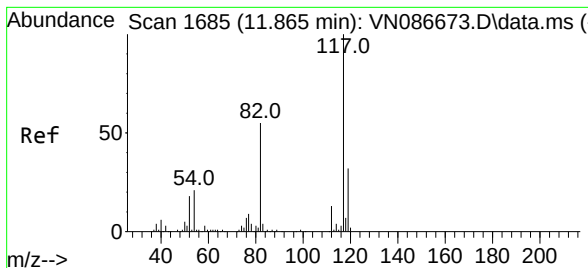
Tgt Ion:107 Resp: 149112
Ion Ratio Lower Upper
107 100
109 93.9 75.0 112.4



#62
4-Bromofluorobenzene
Concen: 50.081 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

Tgt Ion: 95 Resp: 195614
Ion Ratio Lower Upper
95 100
174 69.4 0.0 145.4
176 67.0 0.0 137.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086860.D

Acq: 03 Jun 2025 22:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

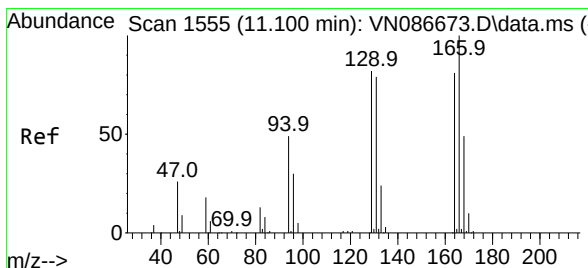
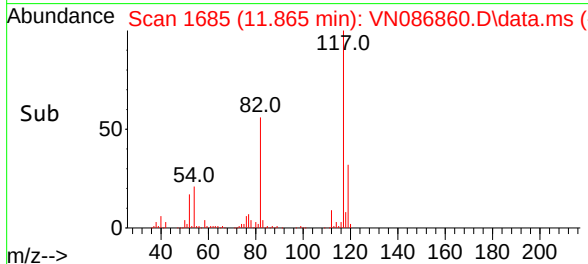
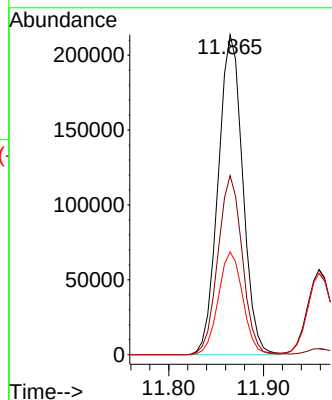
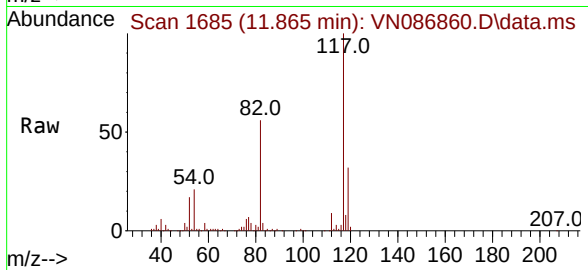
Tgt Ion:117 Resp: 385042

Ion Ratio Lower Upper

117 100

82 56.0 44.2 66.2

119 32.1 25.4 38.2



#64

Tetrachloroethene

Concen: 38.174 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VN086860.D

Acq: 03 Jun 2025 22:13

Tgt Ion:164 Resp: 112600

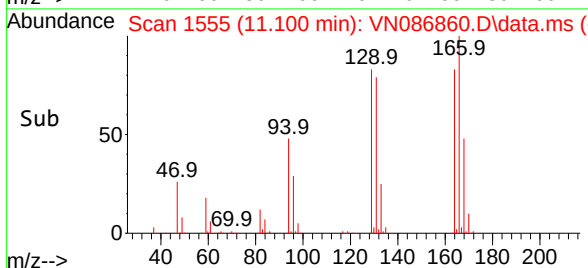
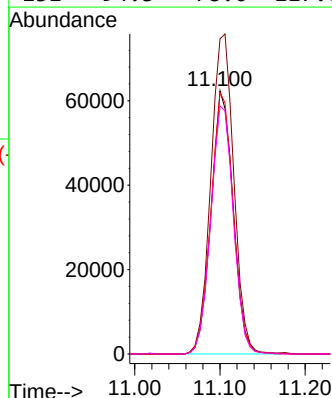
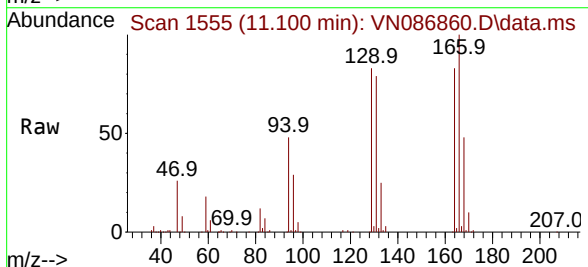
Ion Ratio Lower Upper

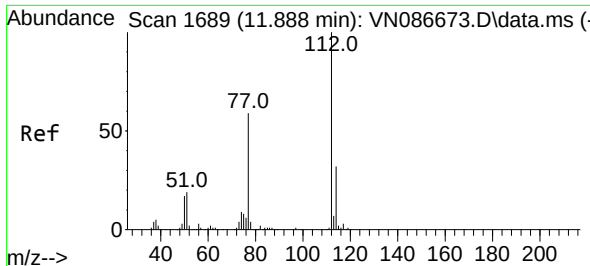
164 100

166 119.8 98.2 147.4

129 99.3 81.0 121.4

131 94.3 78.0 117.0

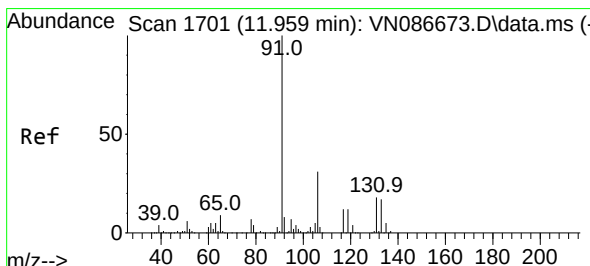
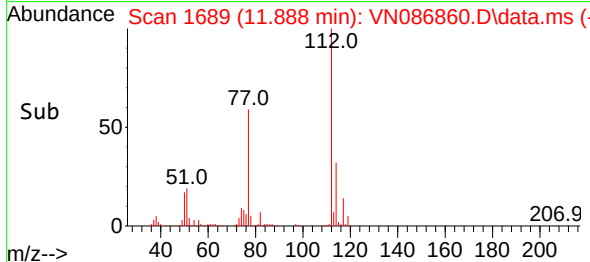
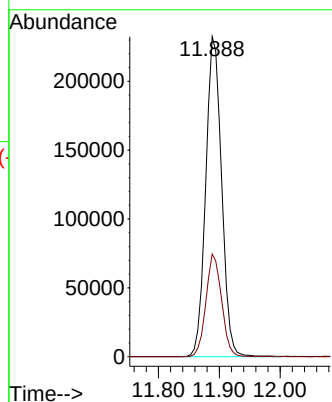
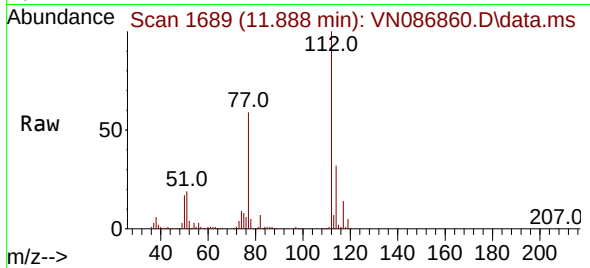




#65
Chlorobenzene
Concen: 49.867 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

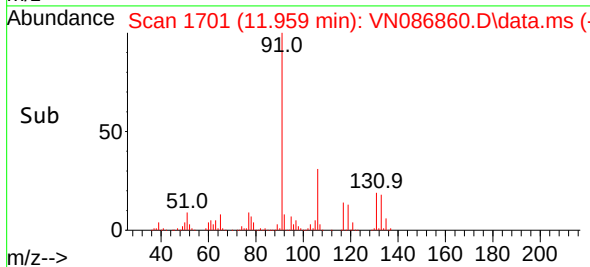
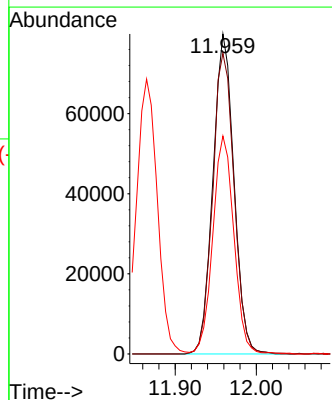
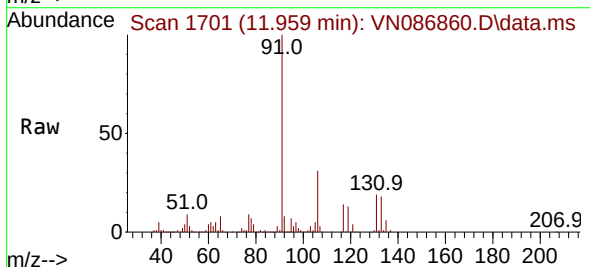
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

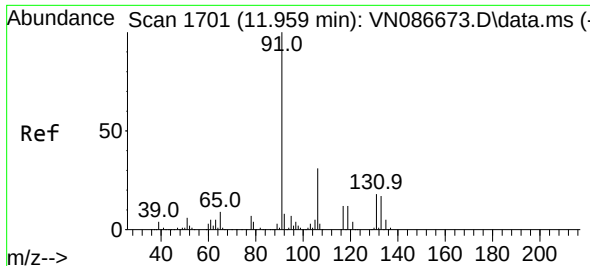
Tgt Ion:112 Resp: 421043
Ion Ratio Lower Upper
112 100
114 32.1 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 52.631 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

Tgt Ion:131 Resp: 143457
Ion Ratio Lower Upper
131 100
133 96.3 47.9 143.7
119 68.5 33.6 100.8

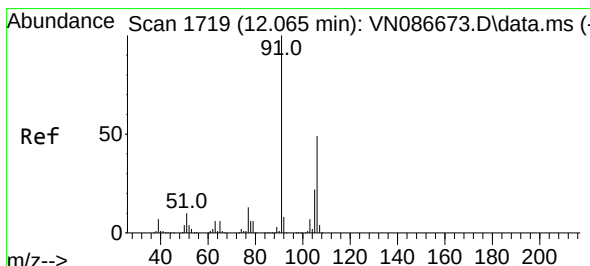
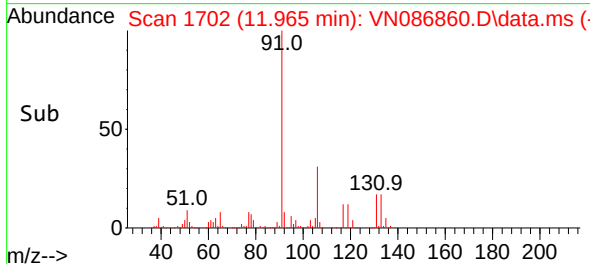
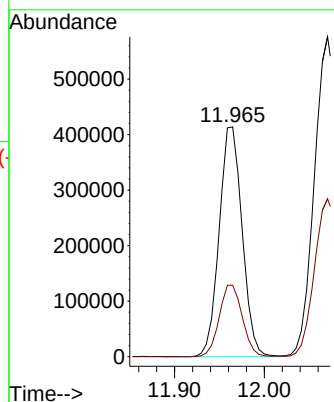
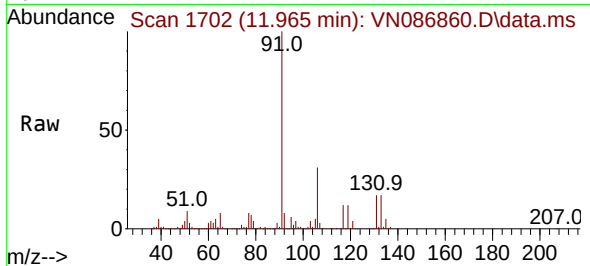




#67
Ethyl Benzene
Concen: 50.906 ug/l
RT: 11.965 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

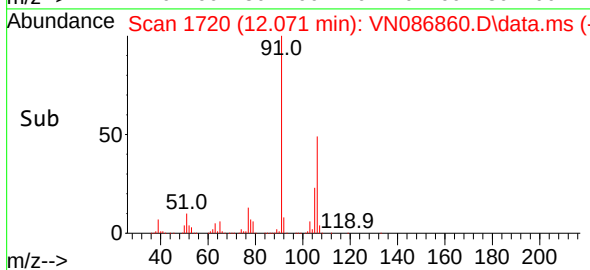
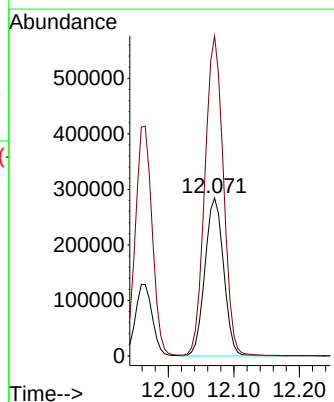
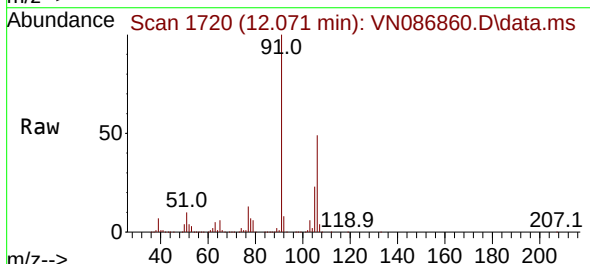
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

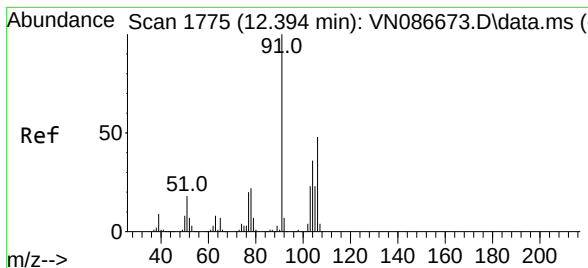
Tgt Ion: 91 Resp: 736205
Ion Ratio Lower Upper
91 100
106 31.1 24.6 36.8



#68
m/p-Xylenes
Concen: 102.694 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

Tgt Ion:106 Resp: 562521
Ion Ratio Lower Upper
106 100
91 201.3 162.4 243.6





#69

o-Xylene

Concen: 50.984 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN086860.D

Acq: 03 Jun 2025 22:13

Instrument :

MSVOA_N

ClientSampleId :

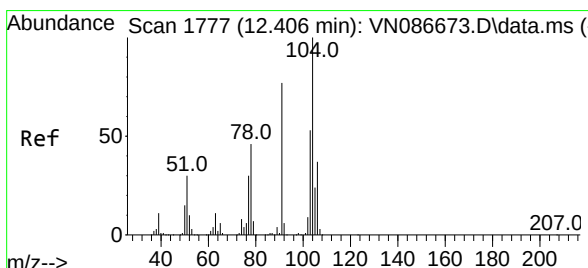
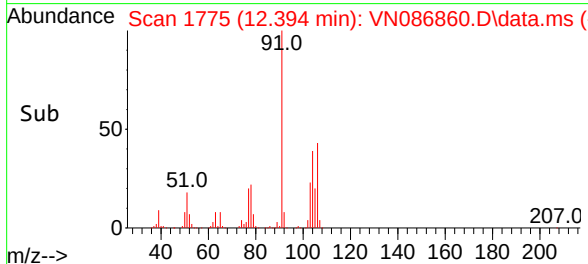
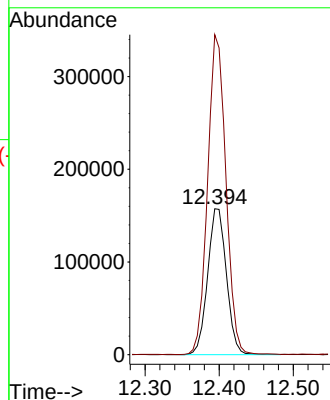
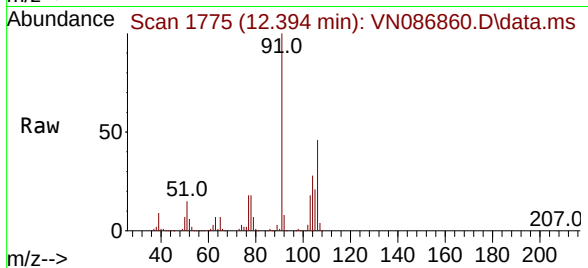
VSTDCCC050EC

Tgt Ion:106 Resp: 277645

Ion Ratio Lower Upper

106 100

91 213.5 105.1 315.1



#70

Styrene

Concen: 52.699 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VN086860.D

Acq: 03 Jun 2025 22:13

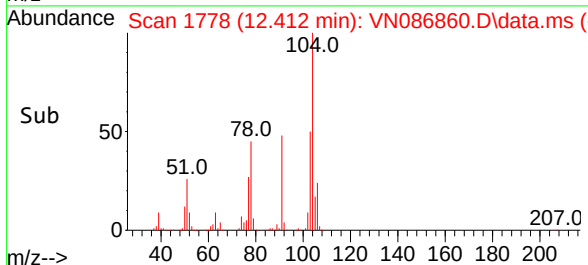
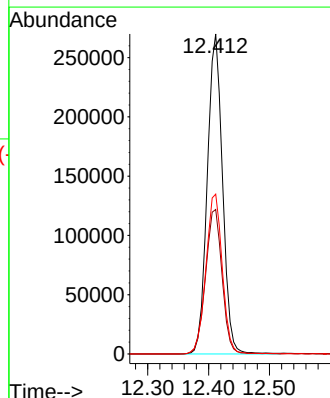
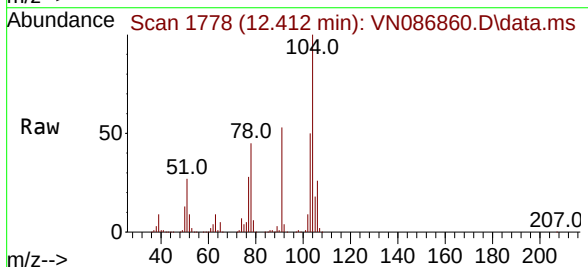
Tgt Ion:104 Resp: 469860

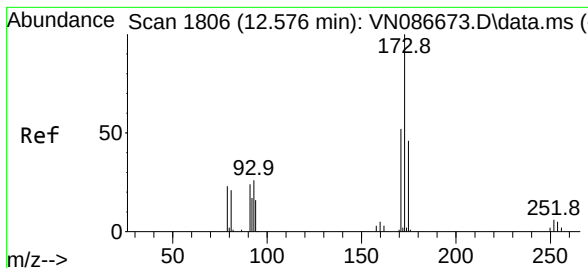
Ion Ratio Lower Upper

104 100

78 49.0 39.0 58.6

103 53.8 43.8 65.8





#71

Bromoform

Concen: 53.626 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN086860.D

Acq: 03 Jun 2025 22:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

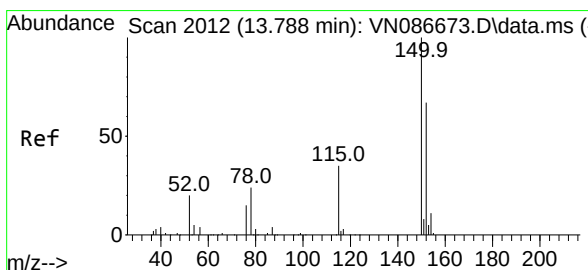
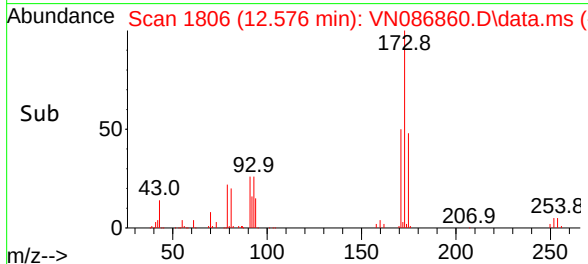
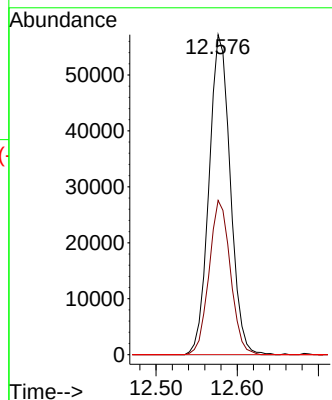
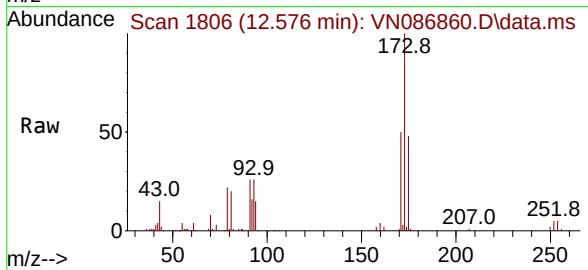
Tgt Ion:173 Resp: 103953

Ion Ratio Lower Upper

173 100

175 48.3 23.4 70.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN086860.D

Acq: 03 Jun 2025 22:13

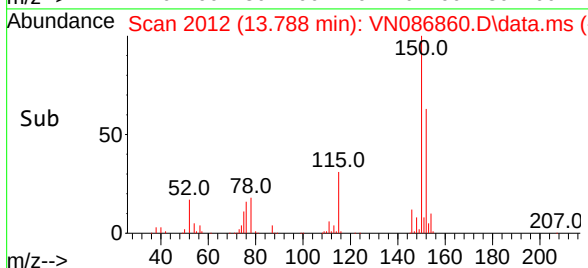
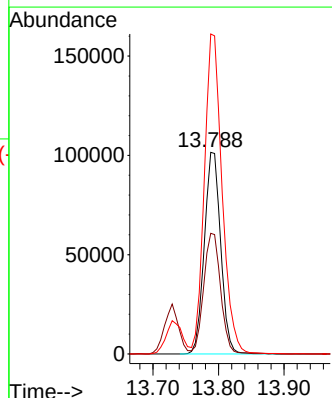
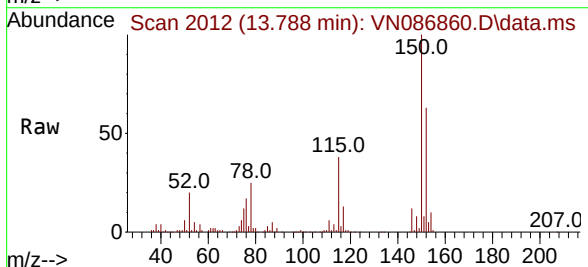
Tgt Ion:152 Resp: 176637

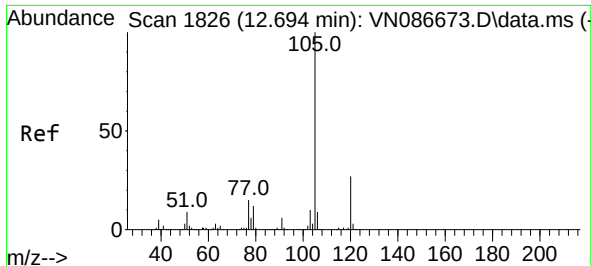
Ion Ratio Lower Upper

152 100

115 61.7 30.0 90.1

150 172.1 0.0 347.8

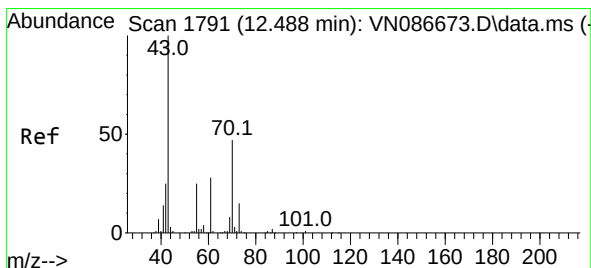
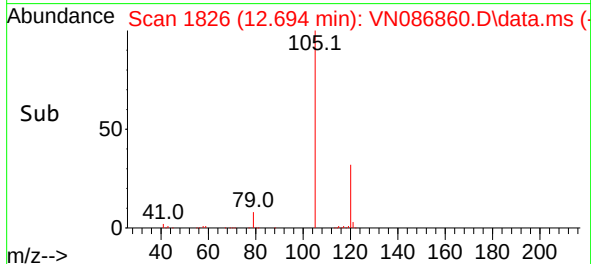
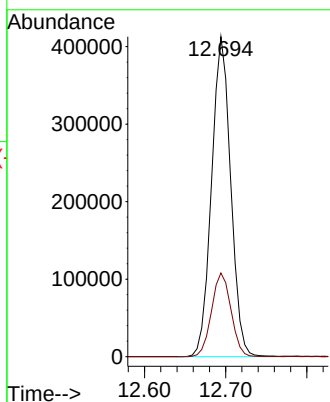
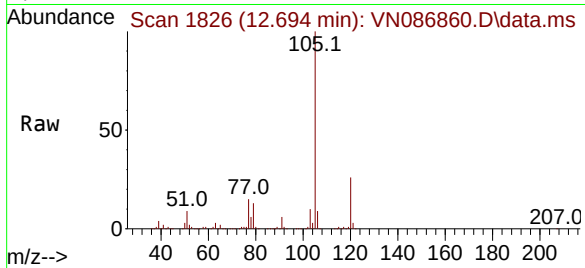




#73
Isopropylbenzene
Concen: 49.585 ug/l
RT: 12.694 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

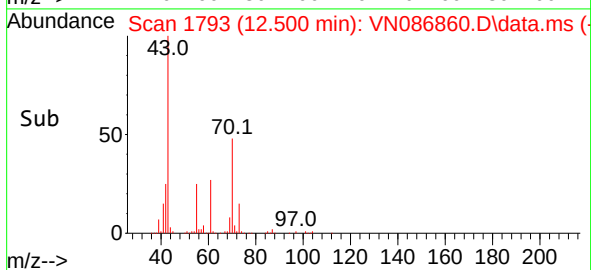
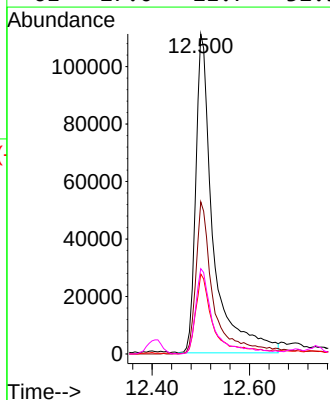
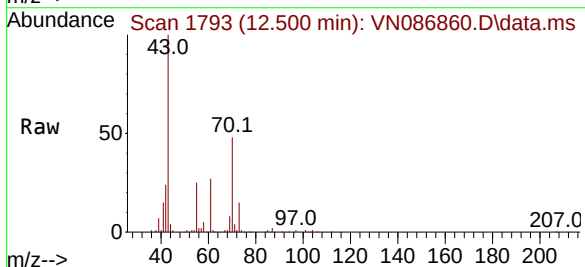
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

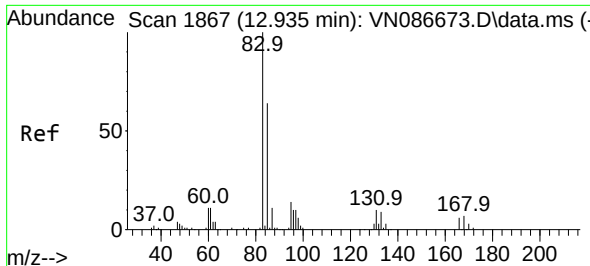
Tgt Ion:105 Resp: 676463
Ion Ratio Lower Upper
105 100
120 26.6 13.4 40.1



#74
N-ethyl acetate
Concen: 48.524 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.012 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

Tgt Ion: 43 Resp: 276584
Ion Ratio Lower Upper
43 100
70 49.1 37.9 56.9
55 25.4 20.5 30.7
61 27.0 21.7 32.5

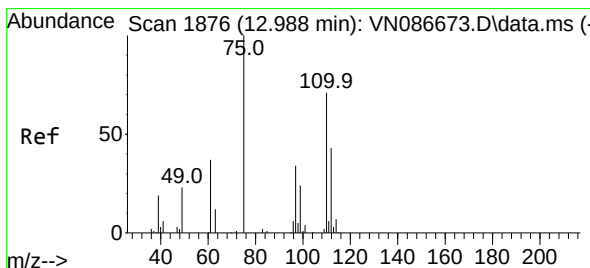
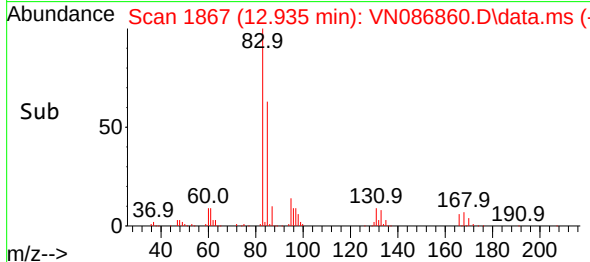
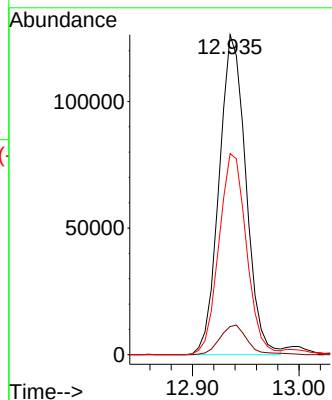
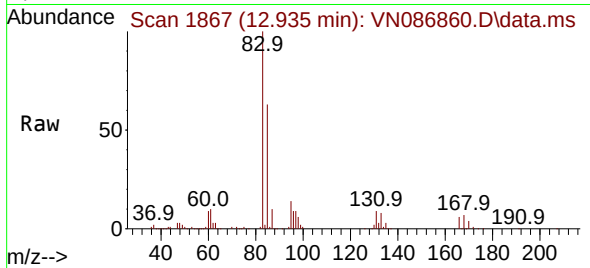




#75
1,1,2-Tetrachloroethane
Concen: 52.548 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

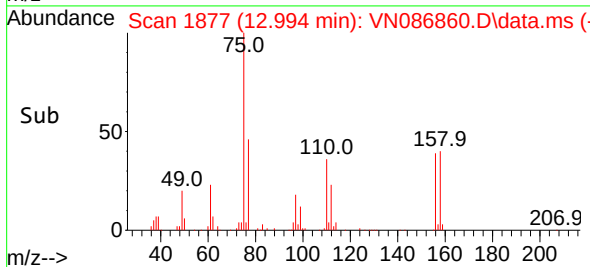
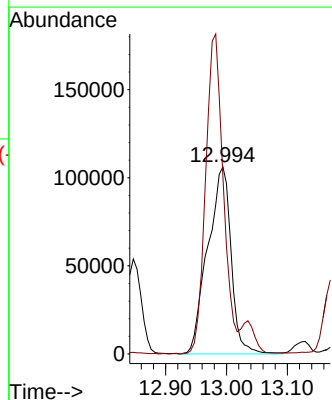
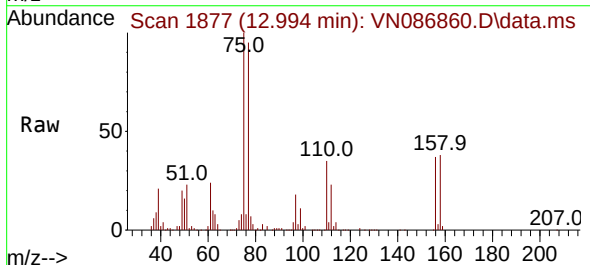
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

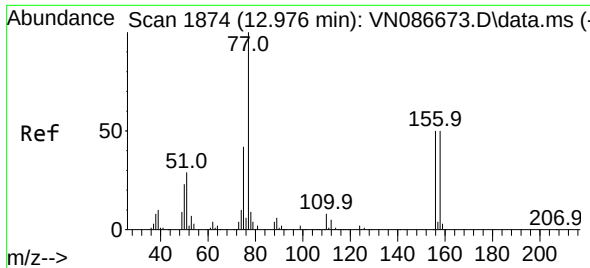
Tgt Ion: 83 Resp: 220238
Ion Ratio Lower Upper
83 100
131 9.5 5.0 15.0
85 64.7 32.4 97.2



#76
1,2,3-Trichloropropane
Concen: 70.960 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

Tgt Ion: 75 Resp: 283472
Ion Ratio Lower Upper
75 100
77 129.4 96.0 288.1

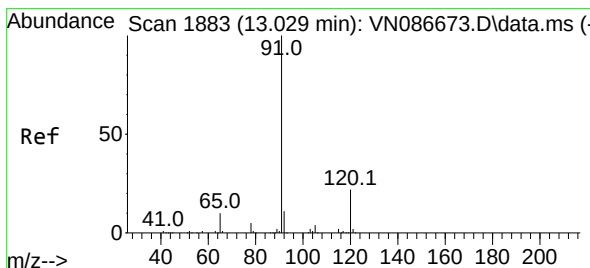
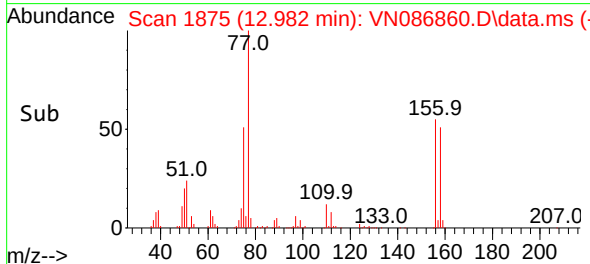
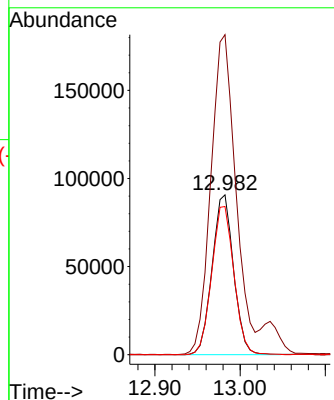
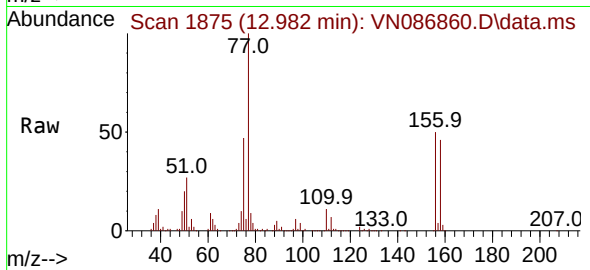




#77
Bromobenzene
Concen: 46.307 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

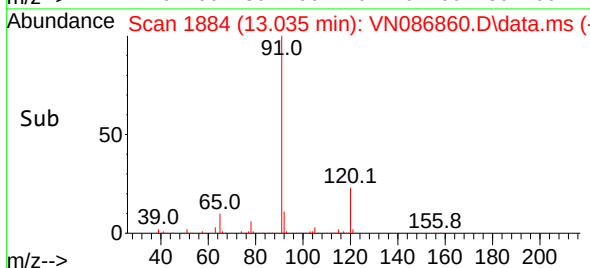
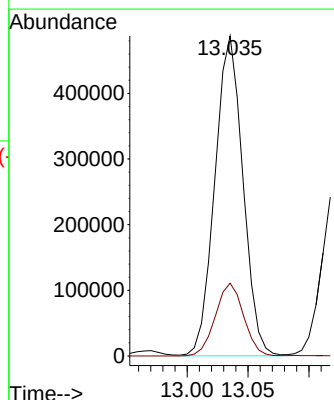
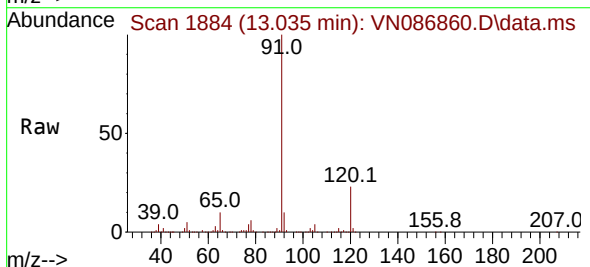
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

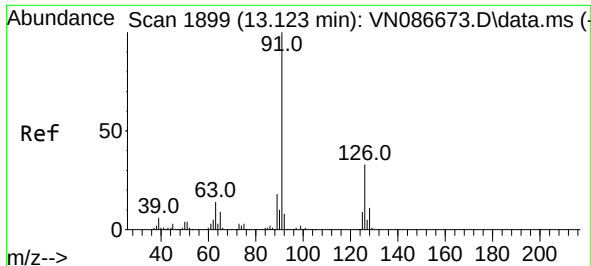
Tgt Ion:156 Resp: 158915
Ion Ratio Lower Upper
156 100
77 230.9 113.1 339.2
158 96.1 48.6 145.9



#78
n-propylbenzene
Concen: 49.899 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

Tgt Ion: 91 Resp: 781220
Ion Ratio Lower Upper
91 100
120 22.9 11.4 34.1

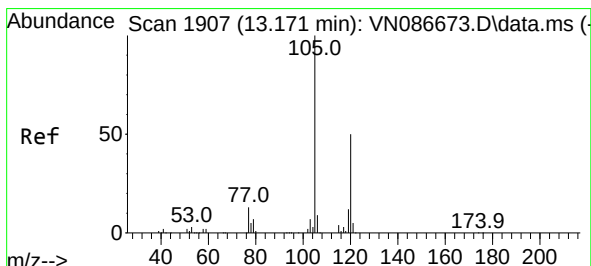
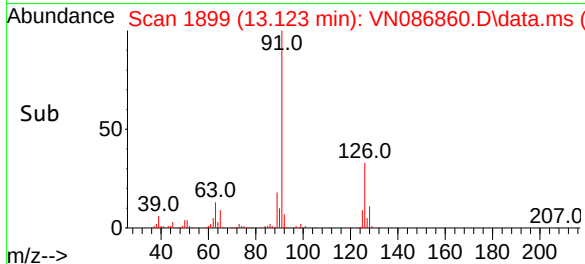
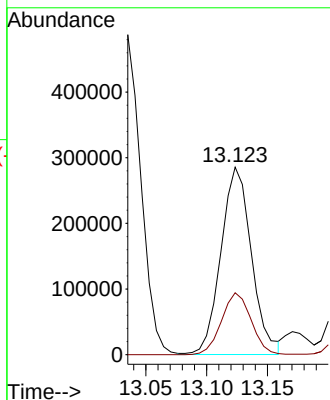
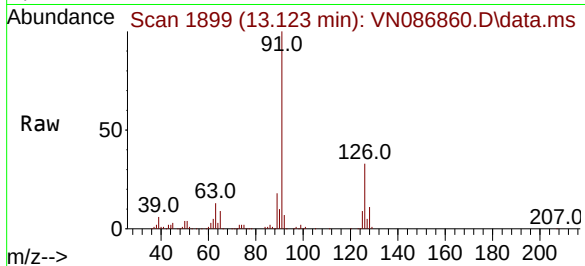




#79
2-Chlorotoluene
Concen: 49.022 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

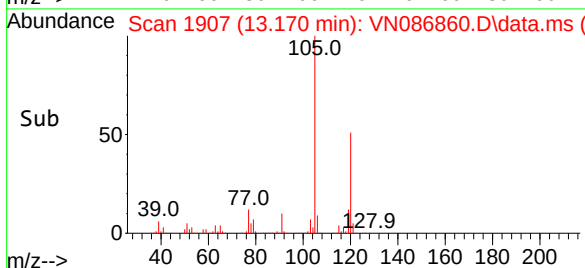
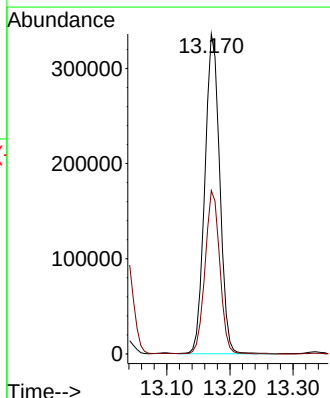
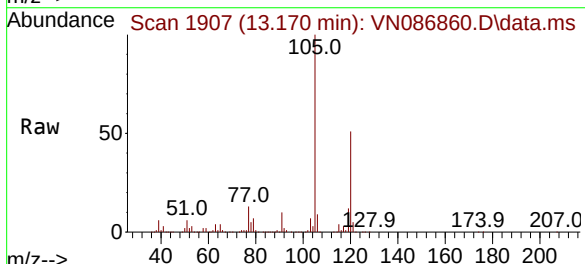
Instrument :
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ClientSampleId :
VSTDCCC050EC

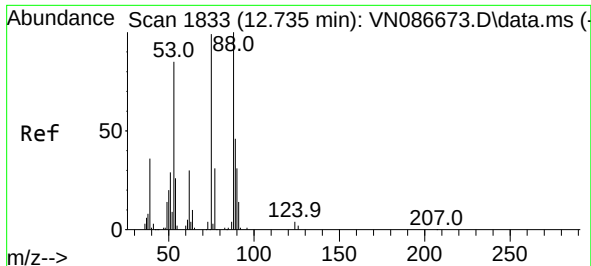
Tgt Ion: 91 Resp: 499025
Ion Ratio Lower Upper
91 100
126 32.0 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 50.279 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

Tgt Ion: 105 Resp: 549556
Ion Ratio Lower Upper
105 100
120 50.5 24.9 74.6

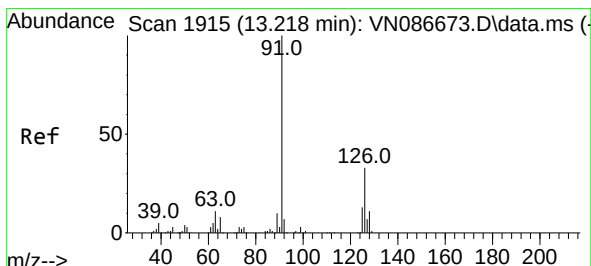
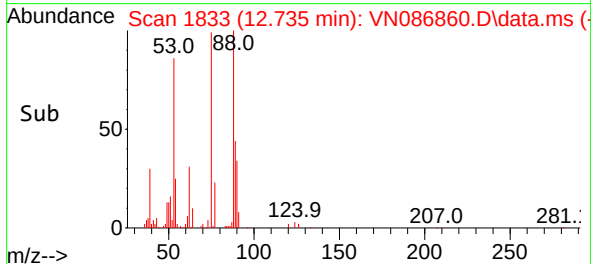
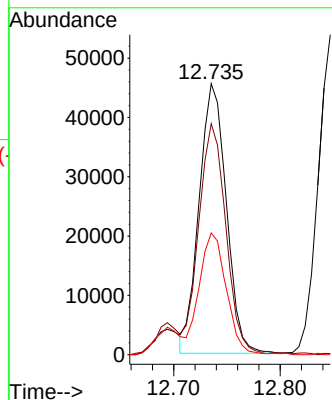
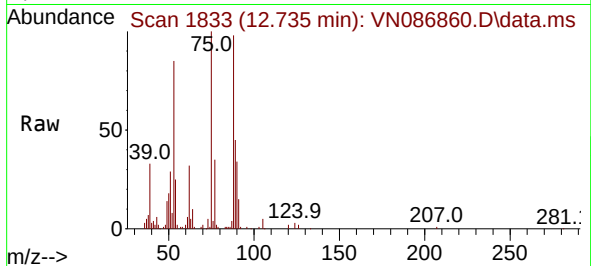




#81
trans-1,4-Dichloro-2-butene
Concen: 50.945 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

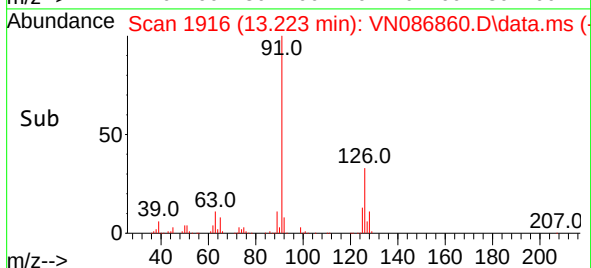
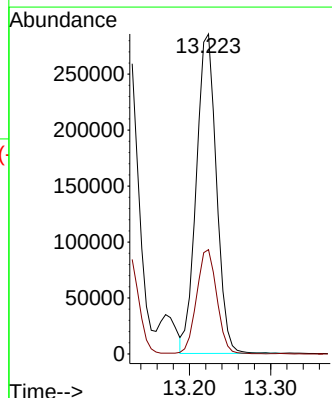
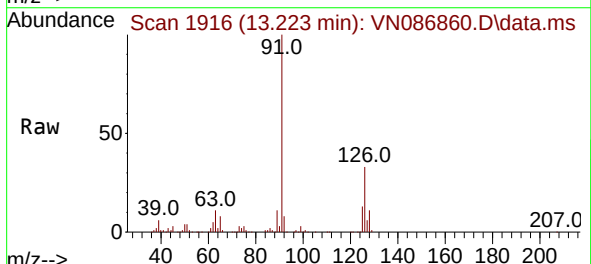
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

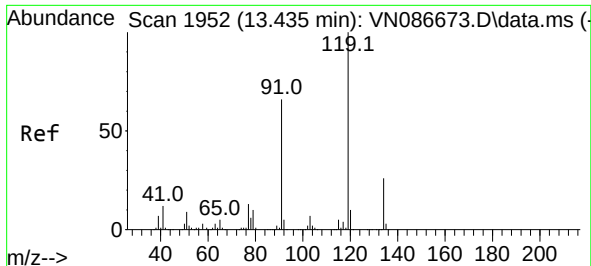
Tgt Ion: 75 Resp: 80643
Ion Ratio Lower Upper
75 100
53 85.7 70.4 105.6
89 43.8 32.4 48.6



#82
4-Chlorotoluene
Concen: 48.725 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.006 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

Tgt Ion: 91 Resp: 491410
Ion Ratio Lower Upper
91 100
126 32.9 17.0 50.9

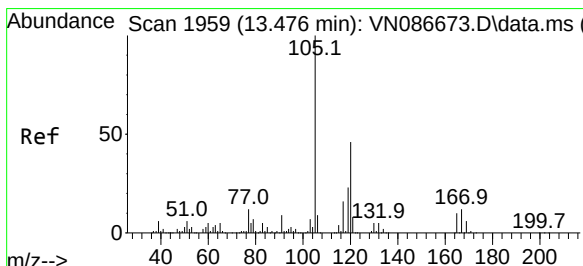
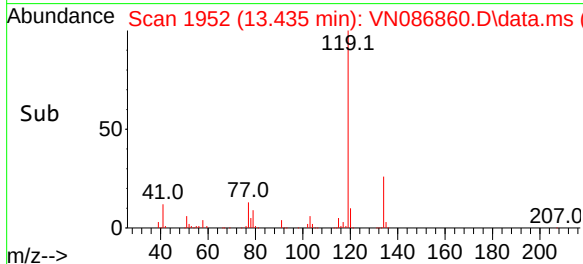
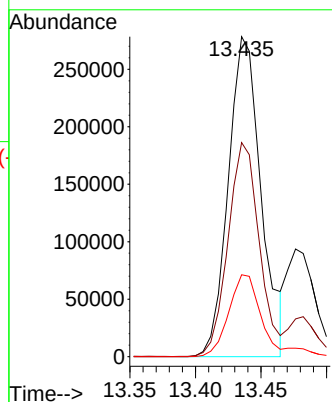
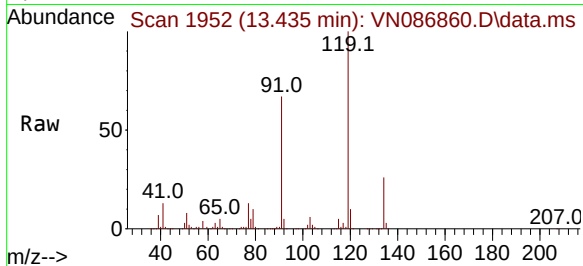




#83
tert-Butylbenzene
Concen: 50.829 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

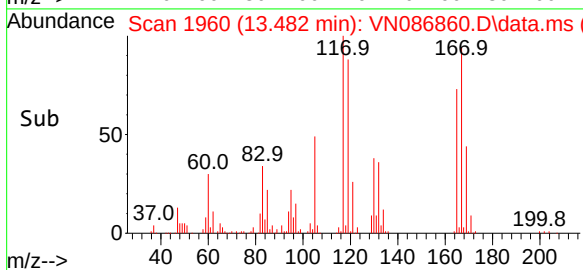
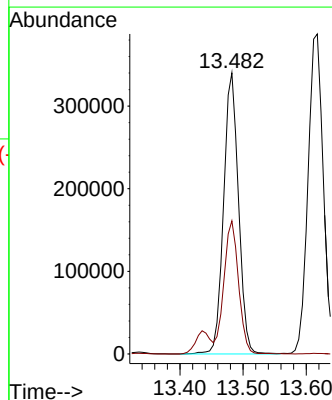
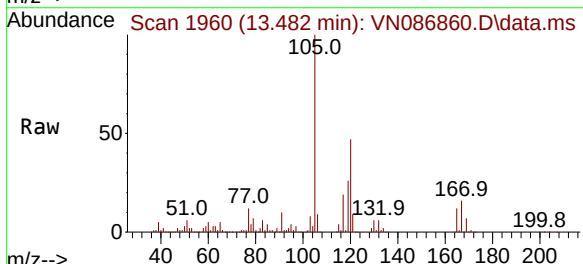
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

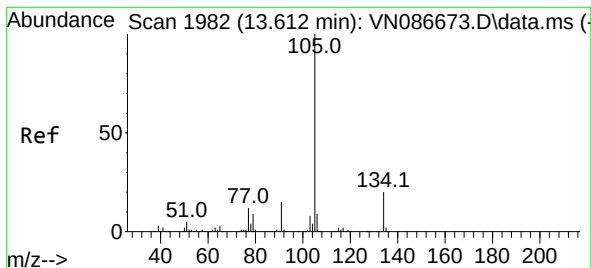
Tgt Ion:119 Resp: 484496
Ion Ratio Lower Upper
119 100
91 63.8 32.9 98.7
134 26.6 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 51.316 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

Tgt Ion:105 Resp: 558542
Ion Ratio Lower Upper
105 100
120 46.5 23.2 69.6





#85

sec-Butylbenzene

Concen: 50.844 ug/l

RT: 13.618 min Scan# 1982

Delta R.T. 0.006 min

Lab File: VN086860.D

Acq: 03 Jun 2025 22:13

Instrument :

MSVOA_N

ClientSampleId :

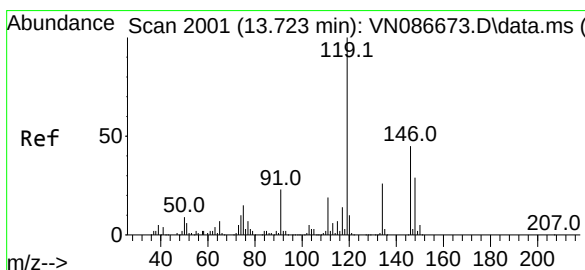
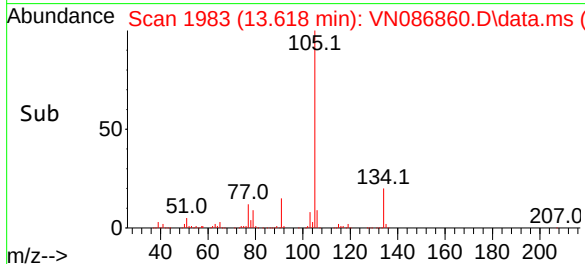
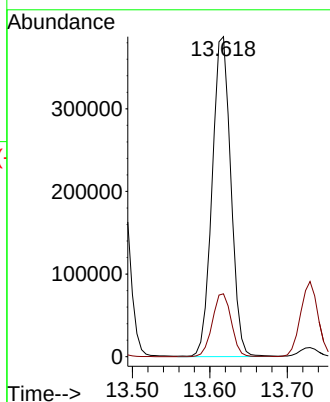
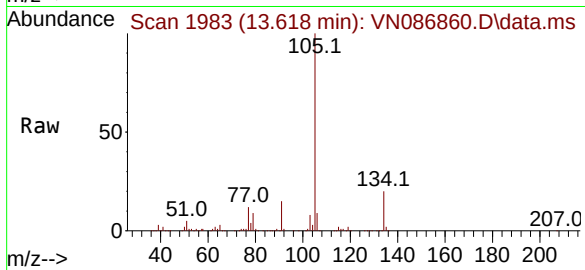
VSTDCCC050EC

Tgt Ion:105 Resp: 649838

Ion Ratio Lower Upper

105 100

134 20.0 10.1 30.1



#86

p-Isopropyltoluene

Concen: 52.419 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VN086860.D

Acq: 03 Jun 2025 22:13

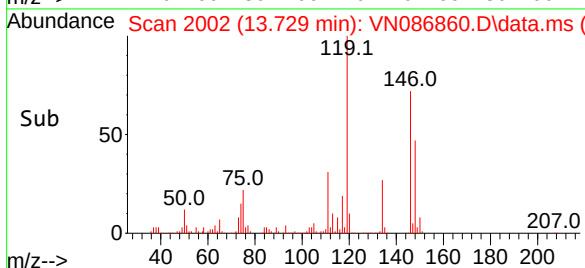
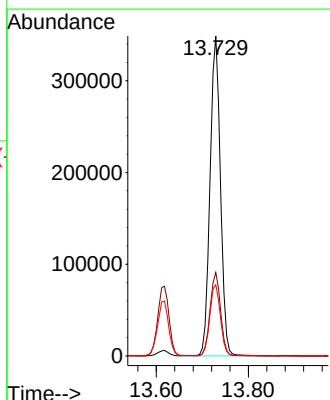
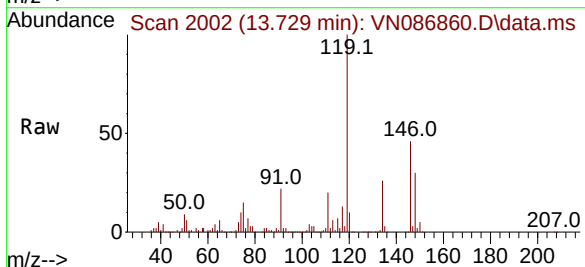
Tgt Ion:119 Resp: 549161

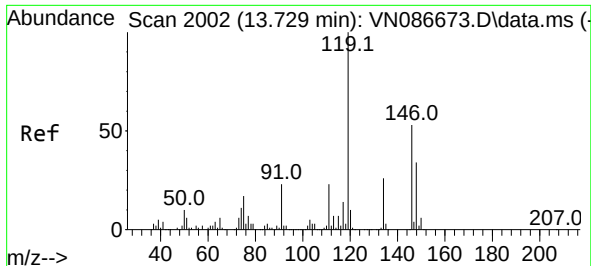
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.1

91 23.1 11.5 34.5

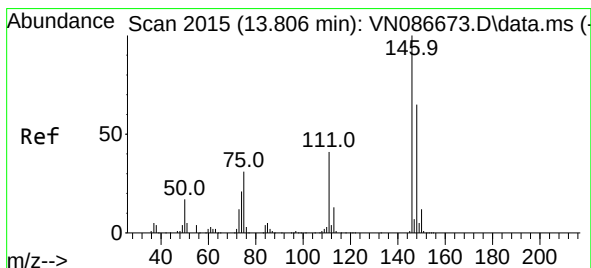
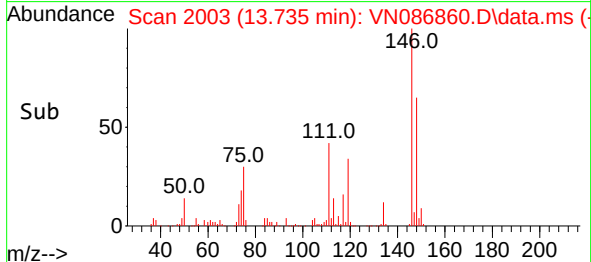
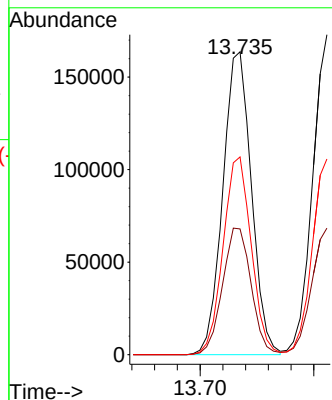
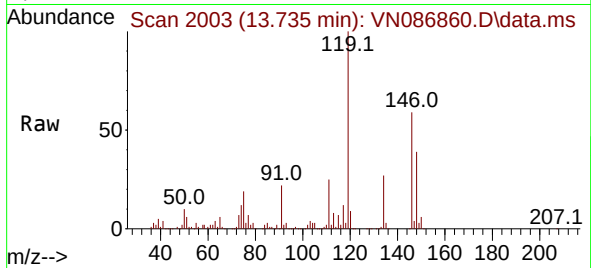




#87
1,3-Dichlorobenzene
Concen: 48.104 ug/l
RT: 13.735 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

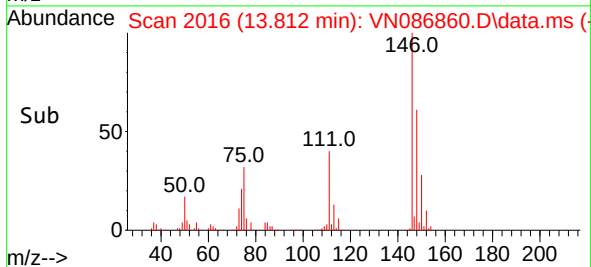
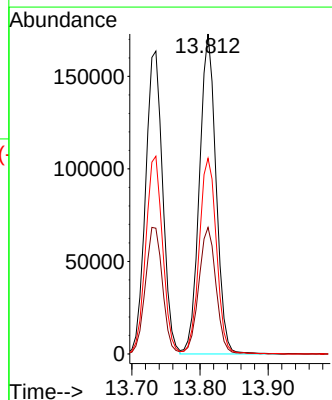
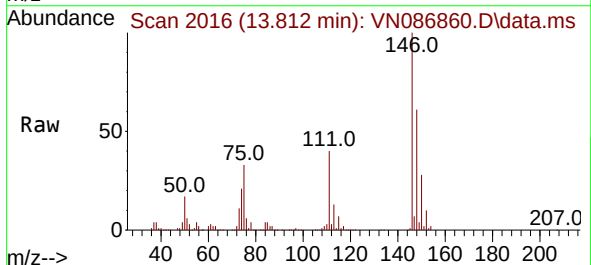
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

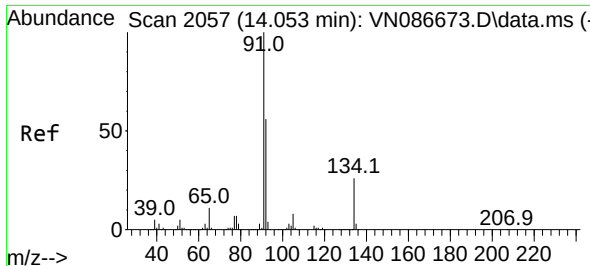
Tgt Ion:146 Resp: 285858
Ion Ratio Lower Upper
146 100
111 41.9 20.9 62.7
148 64.3 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 49.808 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

Tgt Ion:146 Resp: 293263
Ion Ratio Lower Upper
146 100
111 41.1 20.6 61.8
148 63.4 32.0 96.0

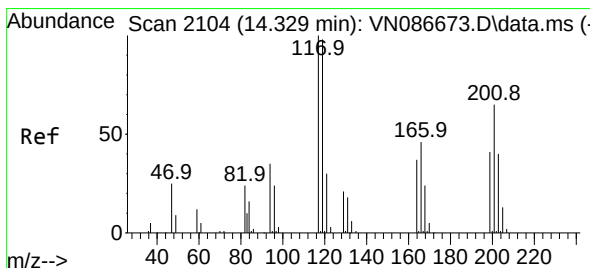
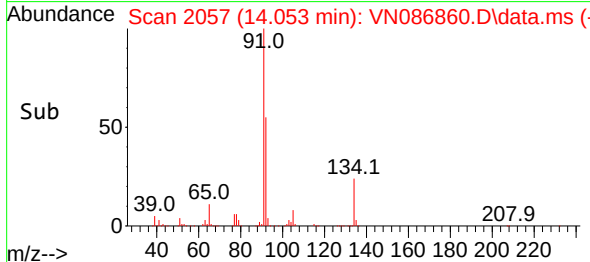
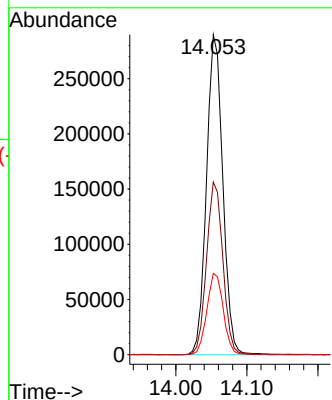
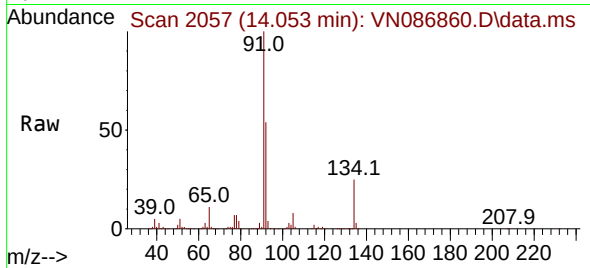




#89
n-Butylbenzene
Concen: 53.341 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

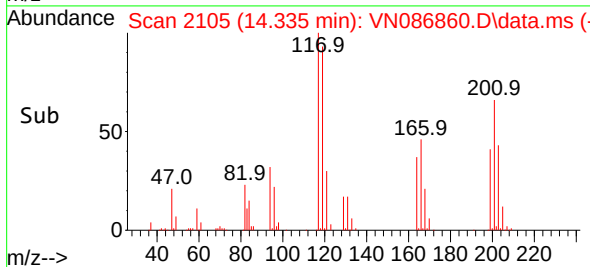
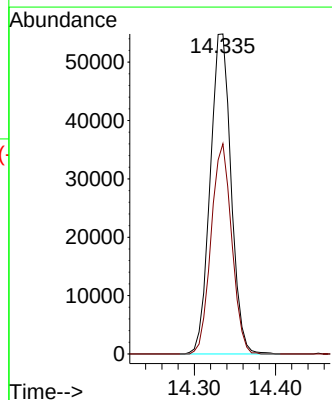
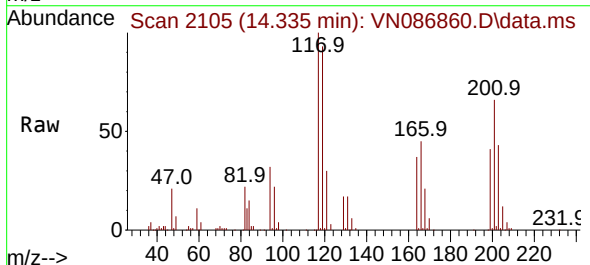
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

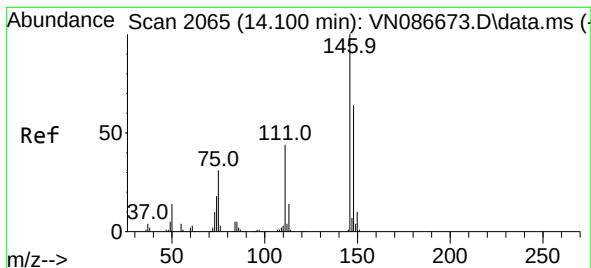
Tgt Ion: 91 Resp: 463266
Ion Ratio Lower Upper
91 100
92 54.0 27.4 82.0
134 25.6 12.8 38.4



#90
Hexachloroethane
Concen: 56.333 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

Tgt Ion: 117 Resp: 97919
Ion Ratio Lower Upper
117 100
201 64.7 32.0 96.0





#91

1,2-Dichlorobenzene

Concen: 49.956 ug/l

RT: 14.106 min Scan# 2065

Delta R.T. 0.006 min

Lab File: VN086860.D

Acq: 03 Jun 2025 22:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

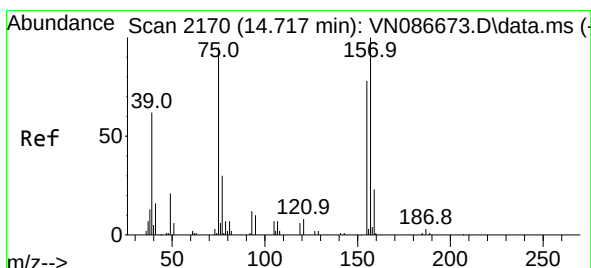
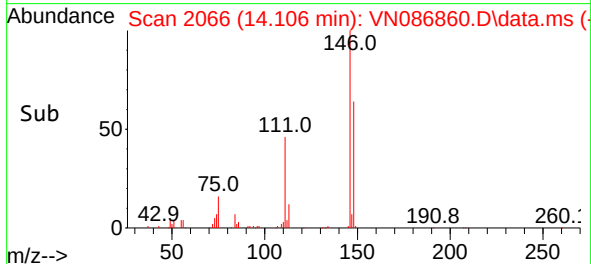
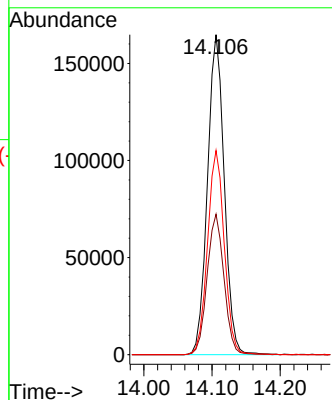
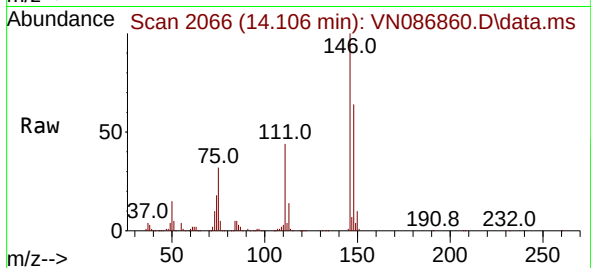
Tgt Ion:146 Resp: 282360

Ion Ratio Lower Upper

146 100

111 44.2 21.6 65.0

148 63.7 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 63.134 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.000 min

Lab File: VN086860.D

Acq: 03 Jun 2025 22:13

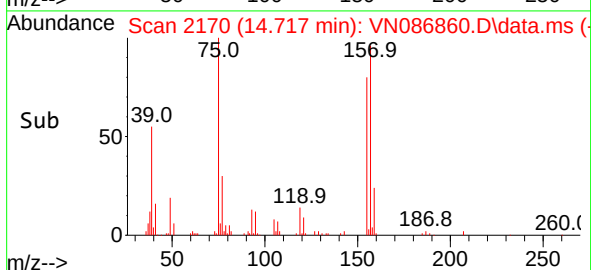
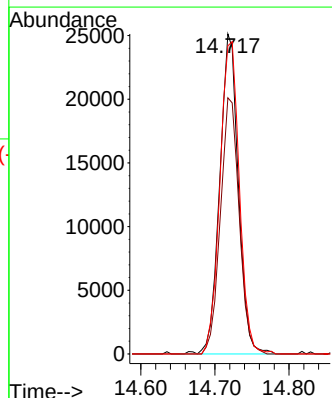
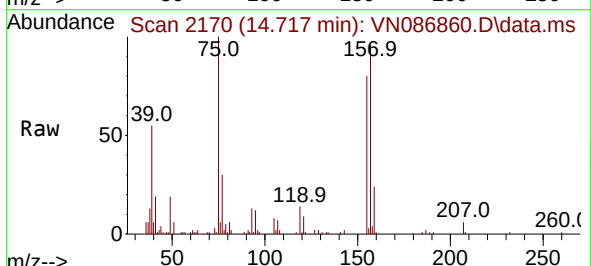
Tgt Ion: 75 Resp: 43835

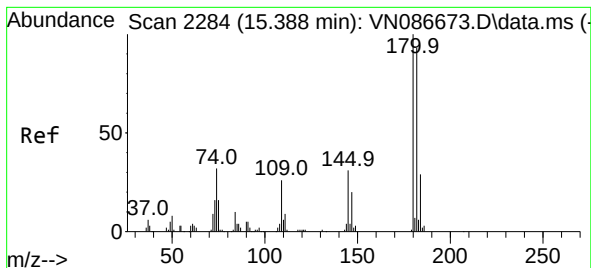
Ion Ratio Lower Upper

75 100

155 80.7 40.5 121.5

157 101.8 53.6 160.8





#93

1,2,4-Trichlorobenzene

Concen: 60.747 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN086860.D

Acq: 03 Jun 2025 22:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

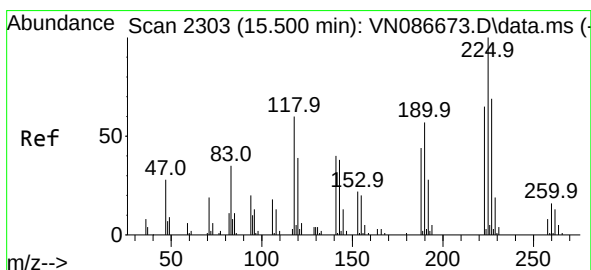
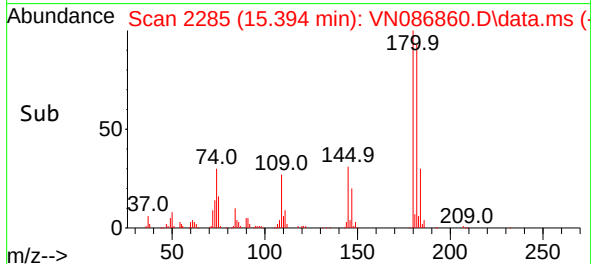
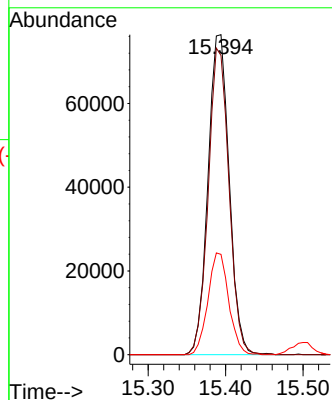
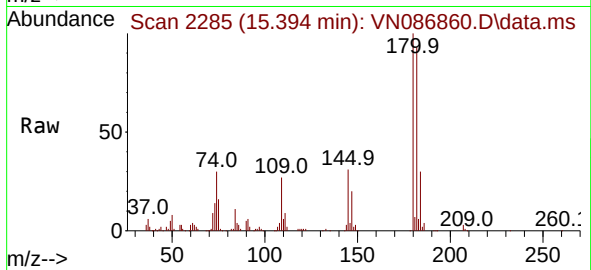
Tgt Ion:180 Resp: 144933

Ion Ratio Lower Upper

180 100

182 93.9 47.1 141.3

145 31.2 15.6 46.8



#94

Hexachlorobutadiene

Concen: 48.521 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN086860.D

Acq: 03 Jun 2025 22:13

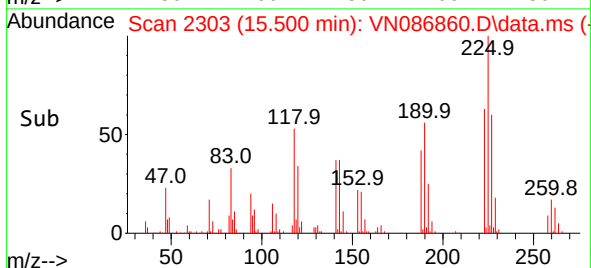
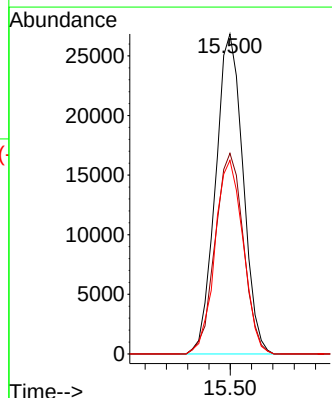
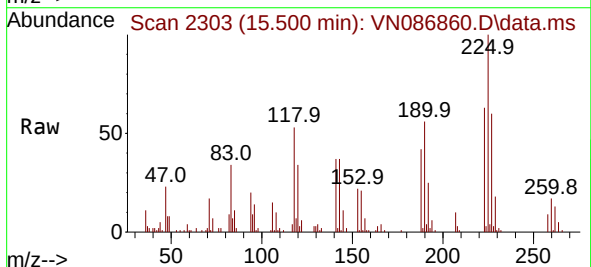
Tgt Ion:225 Resp: 48029

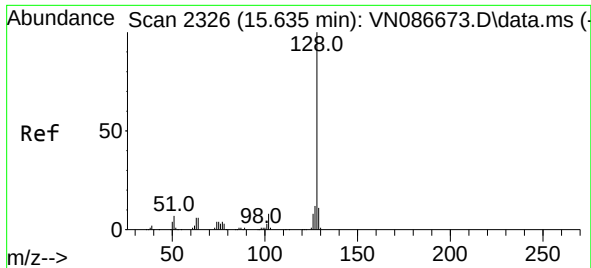
Ion Ratio Lower Upper

225 100

223 64.5 32.9 98.6

227 62.1 32.4 97.2

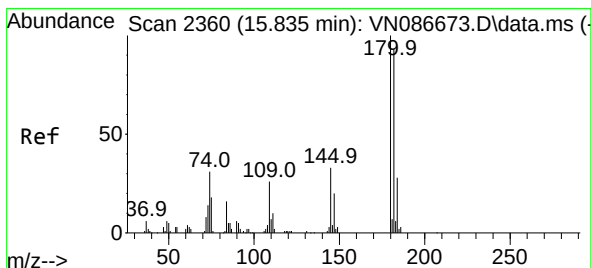
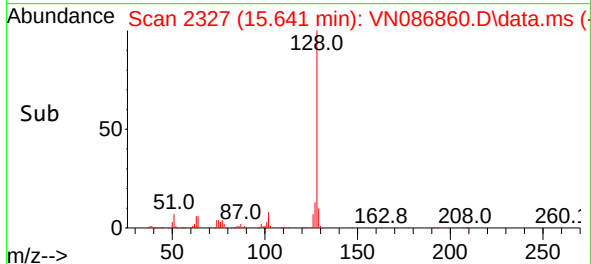
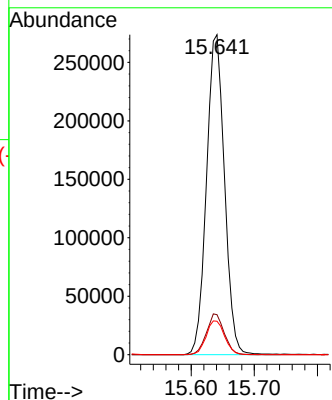
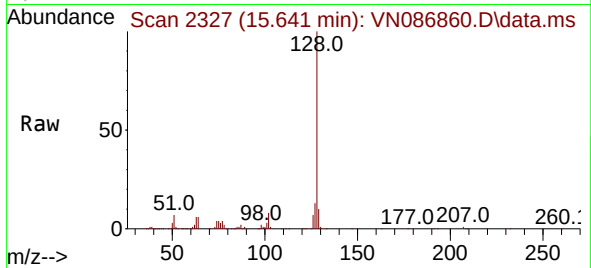




#95
Naphthalene
Concen: 65.439 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 542100
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 60.954 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

Tgt Ion:180 Resp: 142416
Ion Ratio Lower Upper
180 100
182 93.9 47.0 141.2
145 33.2 16.7 50.1

