

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051225\
 Data File : VN086570.D
 Acq On : 12 May 2025 10:53
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: May 13 01:46:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	188527	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	344836	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	316620	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	153601	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	134348	49.143	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.280%
35) Dibromofluoromethane	8.159	113	100500	62.796	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	125.600%#
50) Toluene-d8	10.565	98	405770	47.439	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.880%
62) 4-Bromofluorobenzene	12.847	95	155705	49.909	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.820%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	96908	43.362	ug/l	99
3) Chloromethane	2.359	50	143136	44.069	ug/l	98
4) Vinyl Chloride	2.518	62	126619	40.852	ug/l	99
5) Bromomethane	2.948	94	77582	55.647	ug/l	97
6) Chloroethane	3.118	64	88584	42.703	ug/l	98
7) Trichlorofluoromethane	3.500	101	157378	45.839	ug/l	96
8) Diethyl Ether	3.959	74	75091	50.100	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.371	101	97057	46.731	ug/l	97
10) Methyl Iodide	4.589	142	124718	54.619	ug/l	96
11) Tert butyl alcohol	5.512	59	108475	217.469	ug/l	100
12) 1,1-Dichloroethene	4.342	96	100094	45.109	ug/l	98
13) Acrolein	4.177	56	77719	339.544	ug/l	95
14) Allyl chloride	5.018	41	160740	40.750	ug/l	96
15) Acrylonitrile	5.712	53	301262	244.318	ug/l	100
16) Acetone	4.424	43	234537	248.093	ug/l	100
17) Carbon Disulfide	4.712	76	262907	39.570	ug/l	99
18) Methyl Acetate	5.018	43	148310	45.194	ug/l	96
19) Methyl tert-butyl Ether	5.789	73	410230	50.294	ug/l	99
20) Methylene Chloride	5.271	84	129641	51.295	ug/l	95
21) trans-1,2-Dichloroethene	5.789	96	111164	47.918	ug/l	93
22) Diisopropyl ether	6.665	45	403182	46.986	ug/l	96
23) Vinyl Acetate	6.594	43	1477012	246.230	ug/l	98
24) 1,1-Dichloroethane	6.565	63	220095	48.612	ug/l	99
25) 2-Butanone	7.477	43	379739	223.158	ug/l	97
26) 2,2-Dichloropropane	7.488	77	189754	46.809	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	146477	50.872	ug/l	95
28) Bromochloromethane	7.806	49	87471	45.565	ug/l	88
29) Tetrahydrofuran	7.835	42	251316	220.858	ug/l	95
30) Chloroform	7.959	83	228333	51.339	ug/l	96
31) Cyclohexane	8.253	56	172997	39.048	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	184492	48.490	ug/l	98
36) 1,1-Dichloropropene	8.365	75	148387	46.420	ug/l	98
37) Ethyl Acetate	7.553	43	157535	46.810	ug/l	100
38) Carbon Tetrachloride	8.359	117	148821	48.887	ug/l	96
39) Methylcyclohexane	9.594	83	164441	43.280	ug/l	98
40) Benzene	8.600	78	511271	49.920	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	89624	45.950	ug/l	97
42) 1,2-Dichloroethane	8.665	62	172998	52.969	ug/l	99
43) Isopropyl Acetate	8.682	43	282456	46.707	ug/l	95
44) Trichloroethene	9.347	130	125934	51.878	ug/l	95
45) 1,2-Dichloropropane	9.618	63	127209	50.741	ug/l	100
46) Dibromomethane	9.706	93	89194	55.839	ug/l	96
47) Bromodichloromethane	9.882	83	186046	53.927	ug/l	99
48) Methyl methacrylate	9.676	41	133872	45.298	ug/l	96
49) 1,4-Dioxane	9.688	88	49504	984.760	ug/l	93
51) 4-Methyl-2-Pentanone	10.441	43	818513	237.515	ug/l	98
52) Toluene	10.623	92	326247	51.051	ug/l	100
53) t-1,3-Dichloropropene	10.829	75	206083	53.513	ug/l	99
54) cis-1,3-Dichloropropene	10.306	75	216353	51.149	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	127116	55.286	ug/l	98
56) Ethyl methacrylate	10.871	69	215205	50.919	ug/l	95
57) 1,3-Dichloropropane	11.159	76	218689	53.608	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.153	63	402321	200.560	ug/l	97
59) 2-Hexanone	11.188	43	587721	229.927	ug/l	96
60) Dibromochloromethane	11.353	129	144507	57.235	ug/l	99
61) 1,2-Dibromoethane	11.465	107	128742	55.492	ug/l	98
64) Tetrachloroethene	11.100	164	125098	51.365	ug/l	99
65) Chlorobenzene	11.888	112	366502	51.869	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	126279	54.173	ug/l	99
67) Ethyl Benzene	11.959	91	620342	48.652	ug/l	100
68) m/p-Xylenes	12.065	106	483202	101.139	ug/l	96
69) o-Xylene	12.394	106	243422	51.521	ug/l	96
70) Styrene	12.406	104	418126	53.113	ug/l	98
71) Bromoform	12.576	173	97101	55.328	ug/l #	100
73) Isopropylbenzene	12.694	105	567927	45.199	ug/l	99
74) N-amyl acetate	12.488	43	247341	39.542	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	173423	48.003	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	244777	67.529	ug/l	58
77) Bromobenzene	12.976	156	146839	52.743	ug/l	92
78) n-propylbenzene	13.029	91	668941	45.180	ug/l	99
79) 2-Chlorotoluene	13.123	91	432545	46.687	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	472779	45.972	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	75211	49.832	ug/l	92
82) 4-Chlorotoluene	13.217	91	439039	47.704	ug/l	98
83) tert-Butylbenzene	13.435	119	401825	45.094	ug/l	97
84) 1,2,4-Trimethylbenzene	13.476	105	486176	46.443	ug/l	99
85) sec-Butylbenzene	13.612	105	553838	44.809	ug/l	98
86) p-Isopropyltoluene	13.723	119	474767	46.602	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	268857	51.371	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	268997	51.030	ug/l	98
89) n-Butylbenzene	14.053	91	405352	44.889	ug/l	99
90) Hexachloroethane	14.329	117	80369	46.900	ug/l	98
91) 1,2-Dichlorobenzene	14.100	146	259577	51.157	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	31735	43.565	ug/l	93
93) 1,2,4-Trichlorobenzene	15.388	180	121982	50.205	ug/l	99
94) Hexachlorobutadiene	15.494	225	44497	48.515	ug/l	98
95) Naphthalene	15.635	128	406001	47.139	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	115970	50.415	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

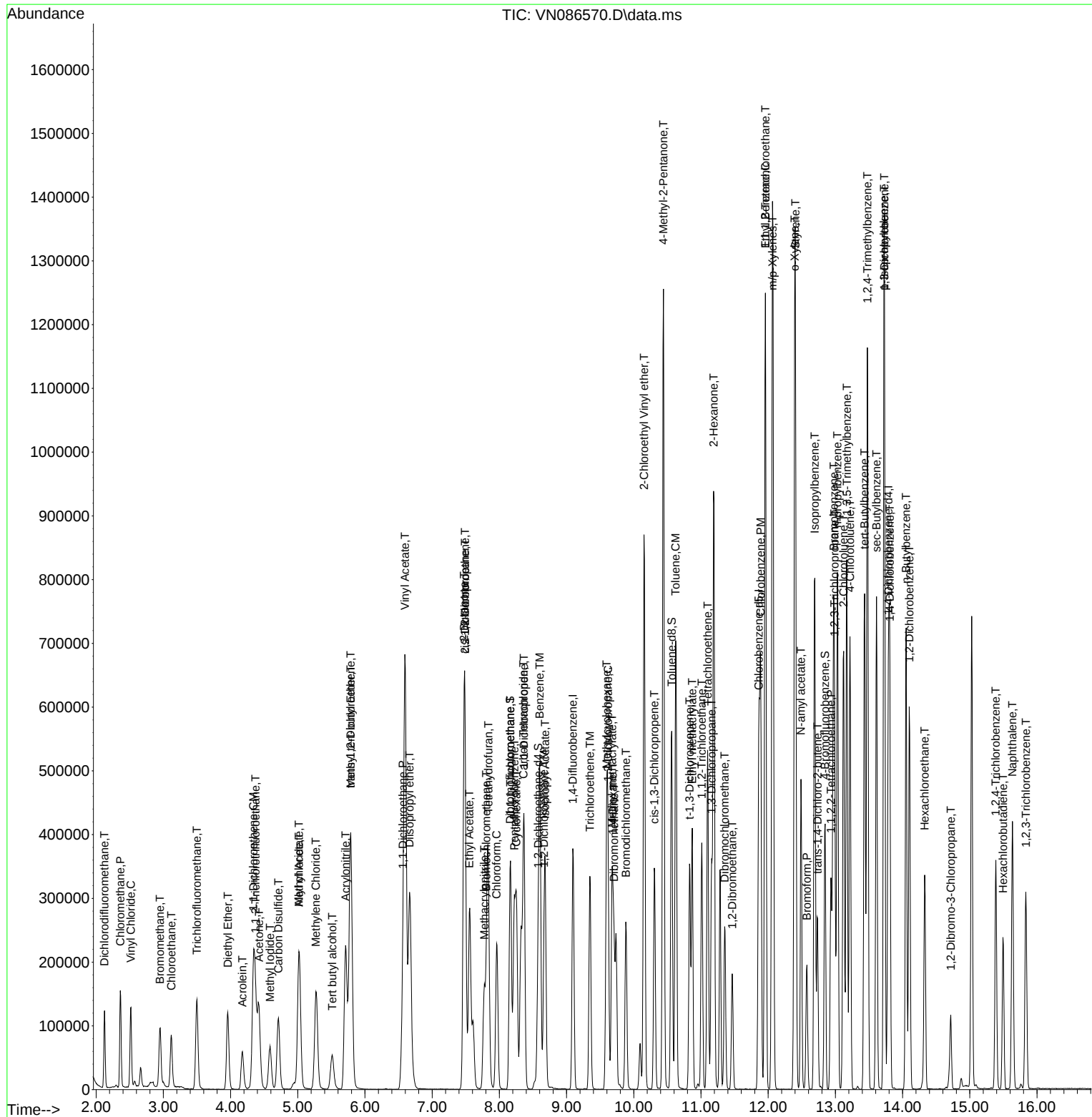
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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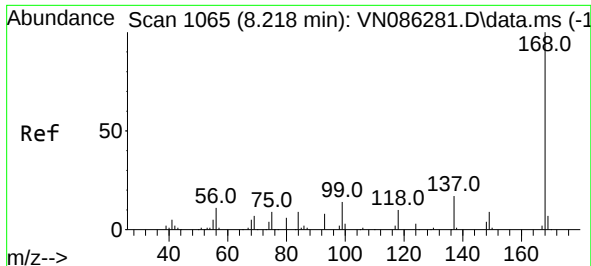
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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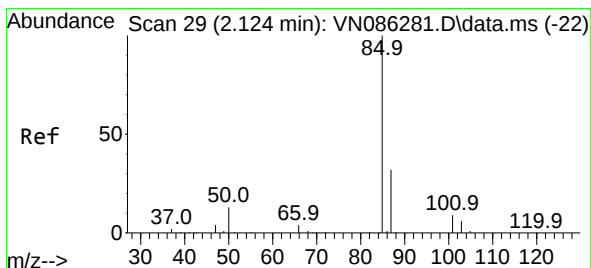
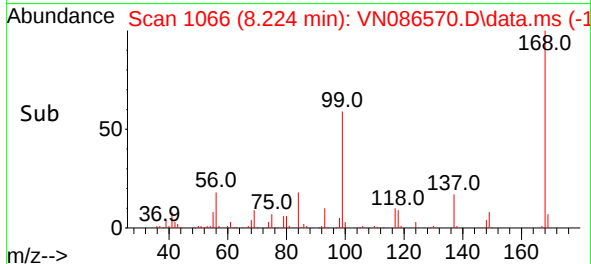
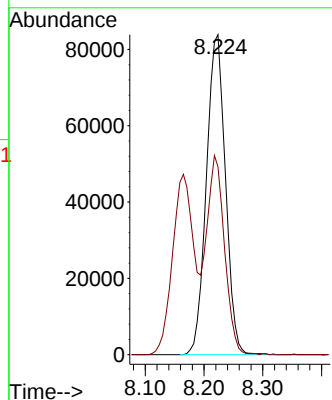
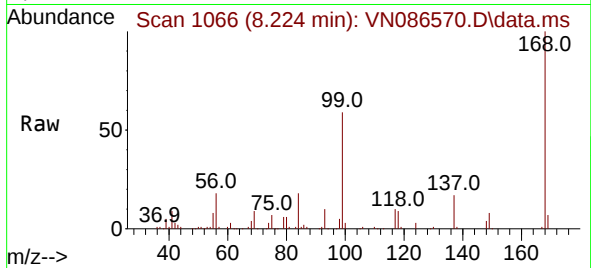




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086570.D
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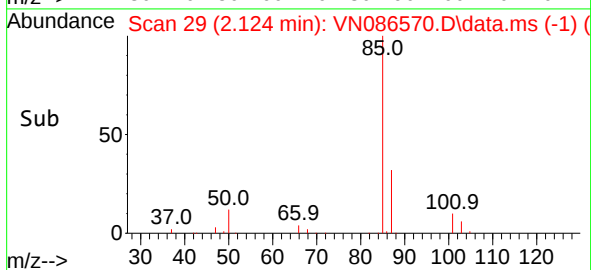
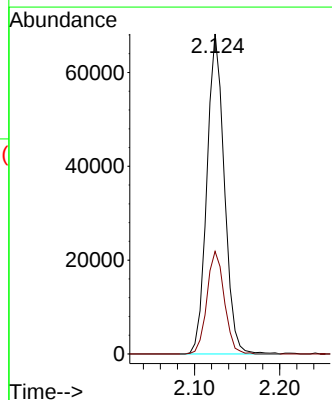
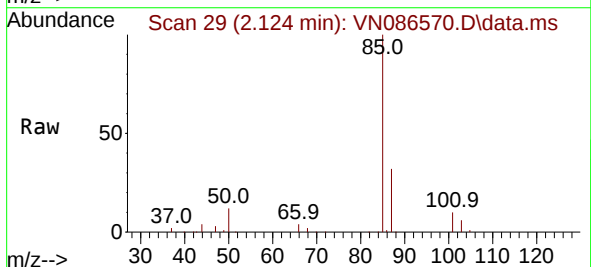
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 188527
Ion Ratio Lower Upper
168 100
99 58.8 52.5 78.7



#2
Dichlorodifluoromethane
Concen: 43.362 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086570.D
Acq: 12 May 2025 10:53

Tgt Ion: 85 Resp: 96908
Ion Ratio Lower Upper
85 100
87 32.1 16.3 48.8

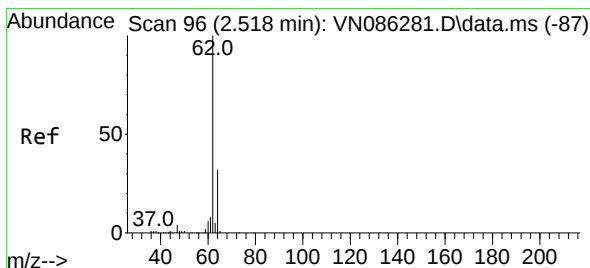
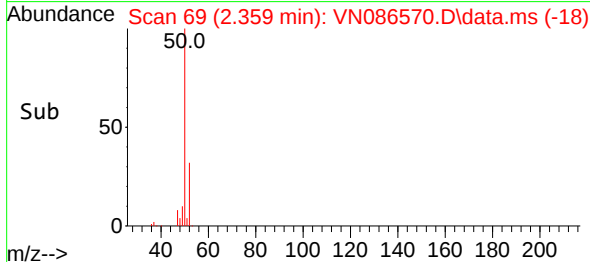
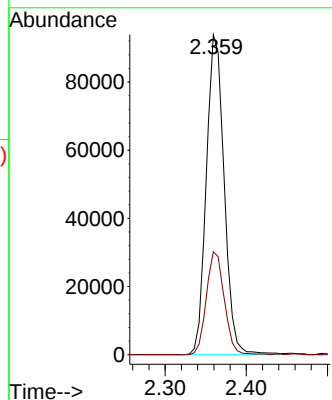
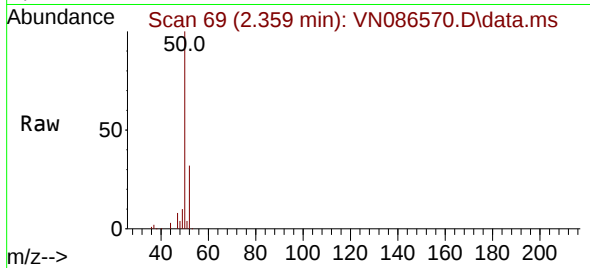




#3
Chloromethane
Concen: 44.069 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086570.D
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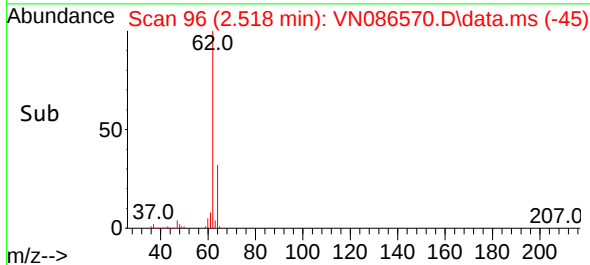
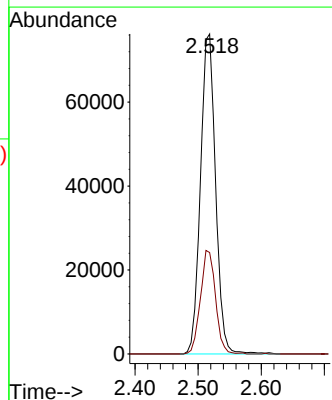
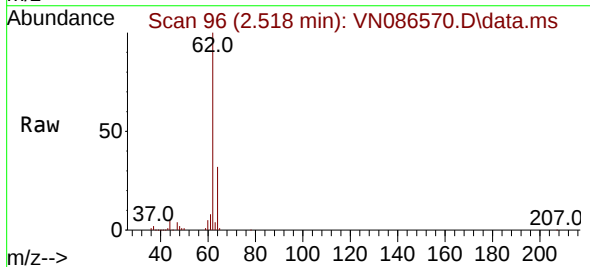
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 143136
Ion Ratio Lower Upper
50 100
52 32.2 26.5 39.7



#4
Vinyl Chloride
Concen: 40.852 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN086570.D
Acq: 12 May 2025 10:53

Tgt Ion: 62 Resp: 126619
Ion Ratio Lower Upper
62 100
64 31.7 25.6 38.4

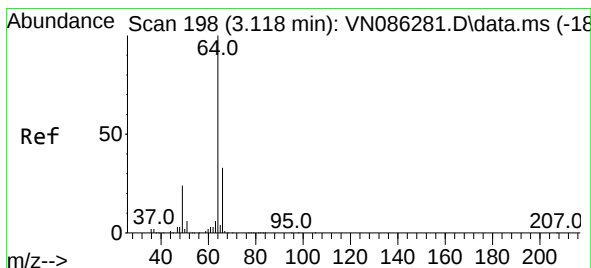
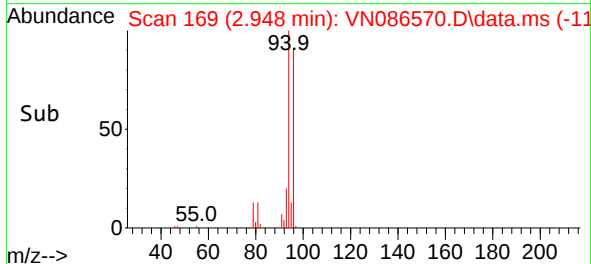
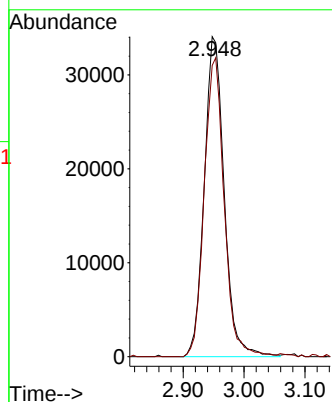
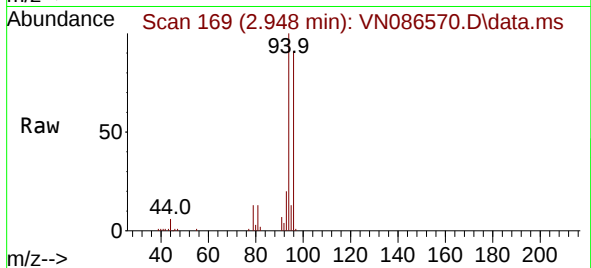




#5
Bromomethane
Concen: 55.647 ug/l
RT: 2.948 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086570.D
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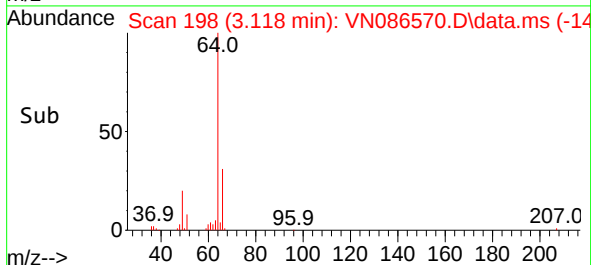
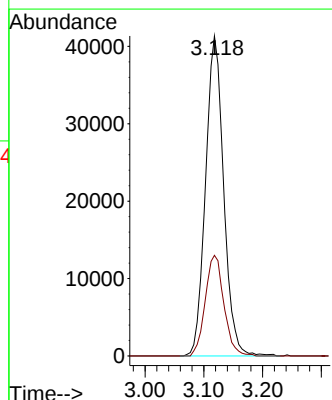
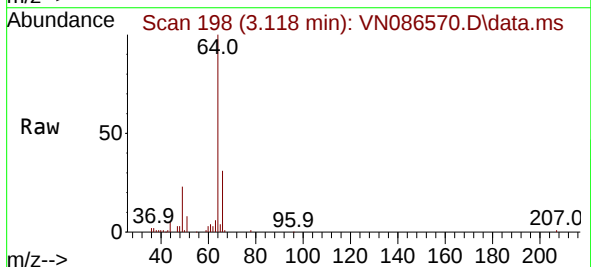
Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 77582
Ion Ratio Lower Upper
94 100
96 91.0 75.2 112.8



#6
Chloroethane
Concen: 42.703 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN086570.D
Acq: 12 May 2025 10:53

Tgt Ion: 64 Resp: 88584
Ion Ratio Lower Upper
64 100
66 31.4 26.2 39.2

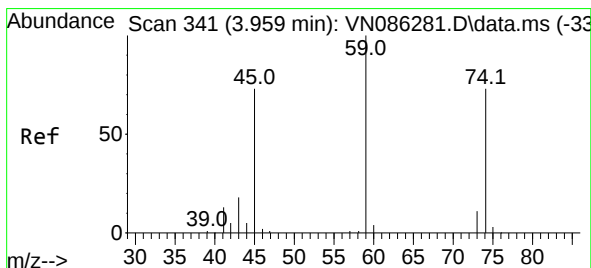
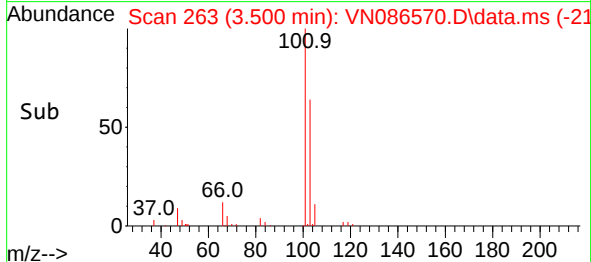
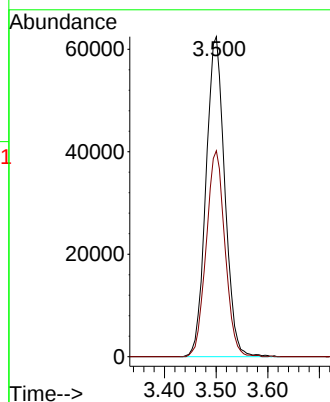
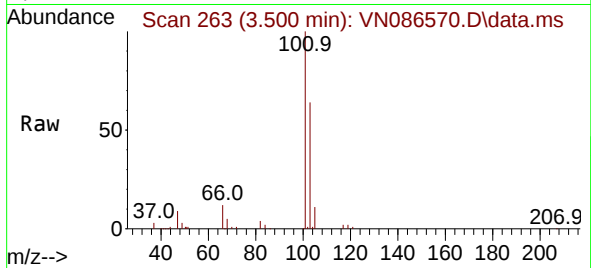




#7
 Trichlorofluoromethane
 Concen: 45.839 ug/l
 RT: 3.500 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN086570.D
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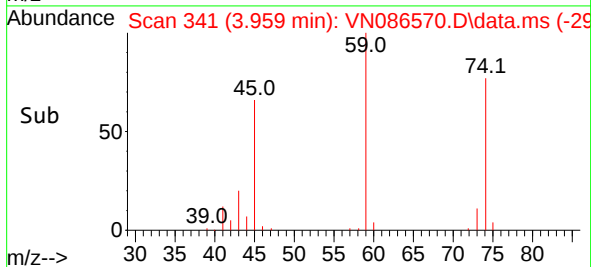
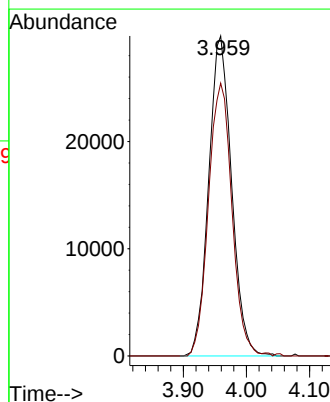
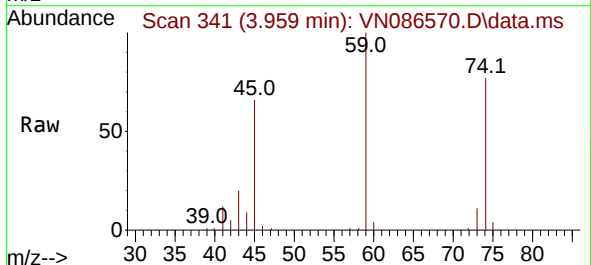
Instrument :
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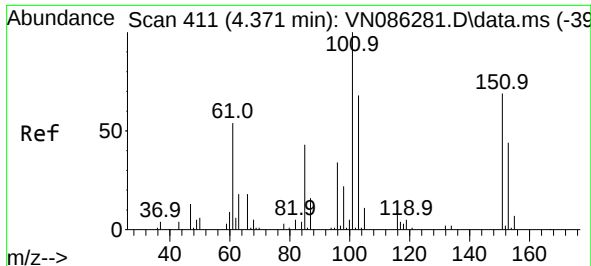
Tgt Ion:101 Resp: 157378
 Ion Ratio Lower Upper
 101 100
 103 64.4 49.2 73.8



#8
 Diethyl Ether
 Concen: 50.100 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN086570.D
 Acq: 12 May 2025 10:53

Tgt Ion: 74 Resp: 75091
 Ion Ratio Lower Upper
 74 100
 45 87.6 48.0 144.2

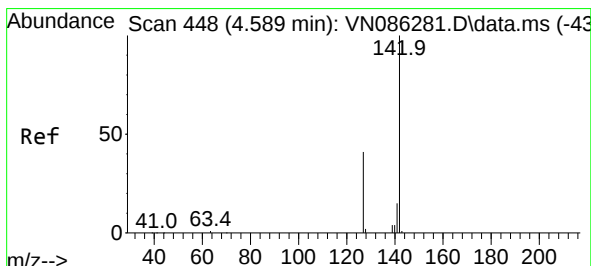
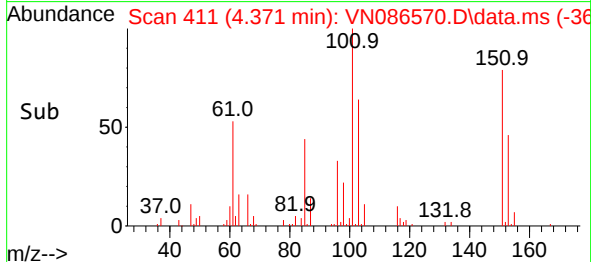
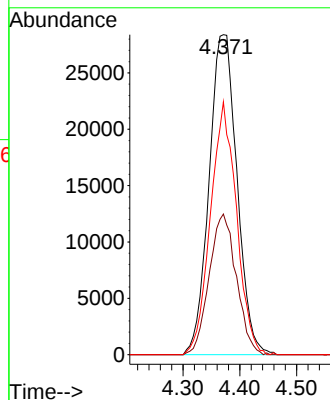
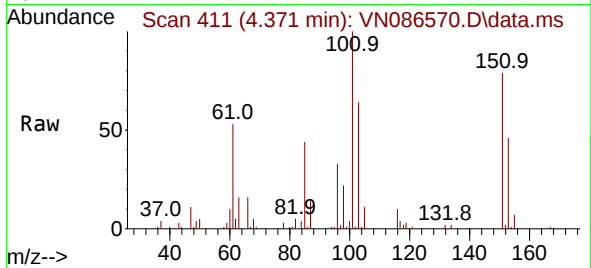




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.731 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN086570.D
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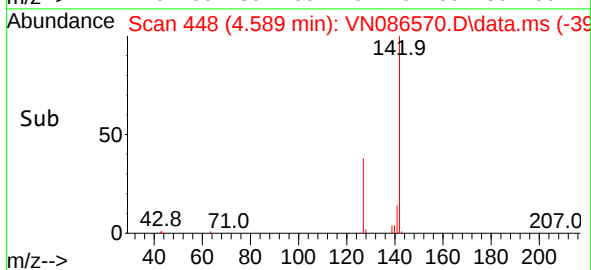
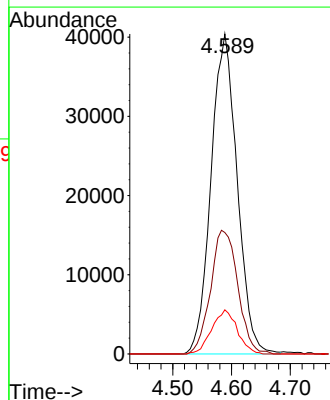
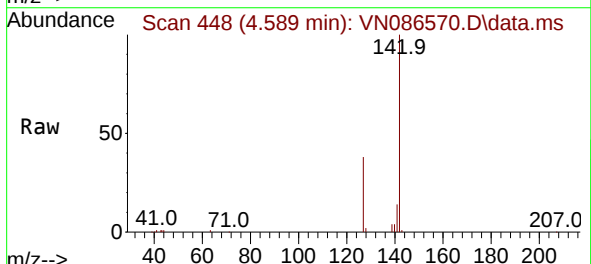
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 97057
Ion Ratio Lower Upper
101 100
85 42.7 34.7 52.1
151 73.5 56.1 84.1



#10
Methyl Iodide
Concen: 54.619 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN086570.D
Acq: 12 May 2025 10:53

Tgt Ion:142 Resp: 124718
Ion Ratio Lower Upper
142 100
127 38.0 32.7 49.1
141 13.8 11.7 17.5

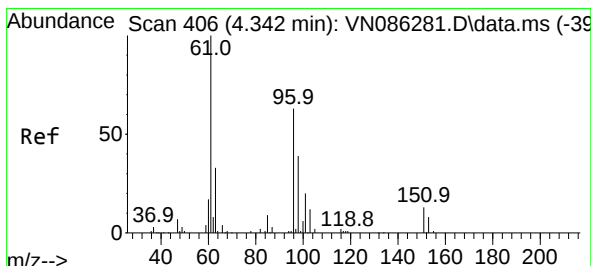
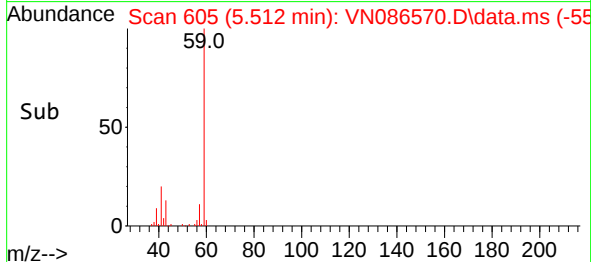
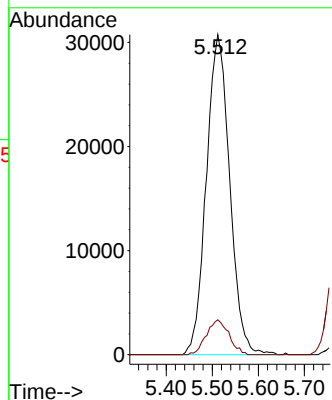
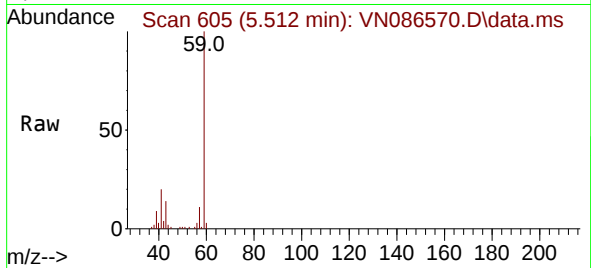




#11
Tert butyl alcohol
Concen: 217.469 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN086570.D
Acq: 12 May 2025 10:53

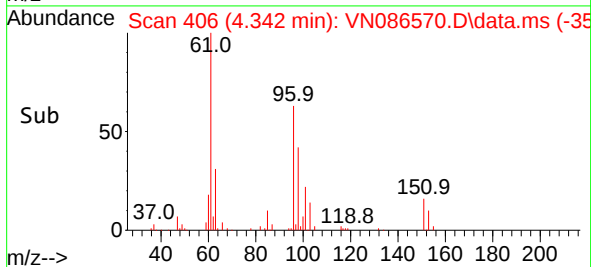
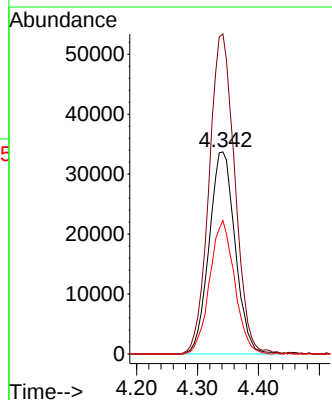
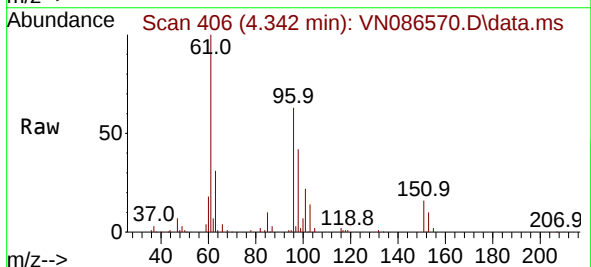
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 108475
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5



#12
1,1-Dichloroethene
Concen: 45.109 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN086570.D
Acq: 12 May 2025 10:53

Tgt Ion: 96 Resp: 100094
Ion Ratio Lower Upper
96 100
61 158.3 126.6 189.8
98 66.0 49.6 74.4

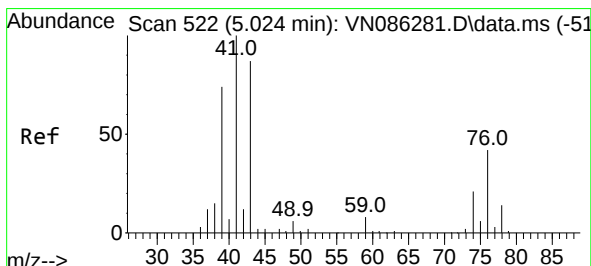
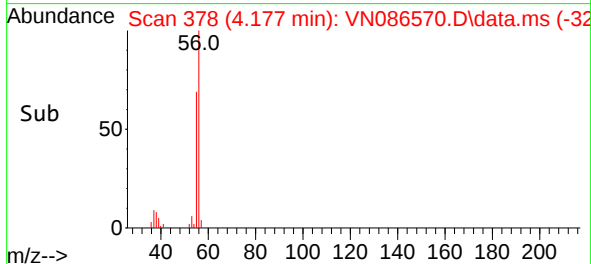
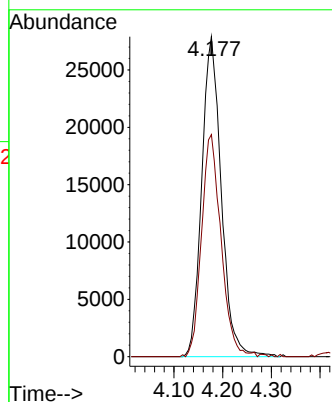
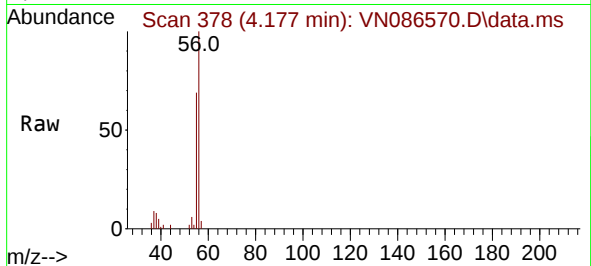




#13
Acrolein
Concen: 339.544 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN086570.D
Acq: 12 May 2025 10:53

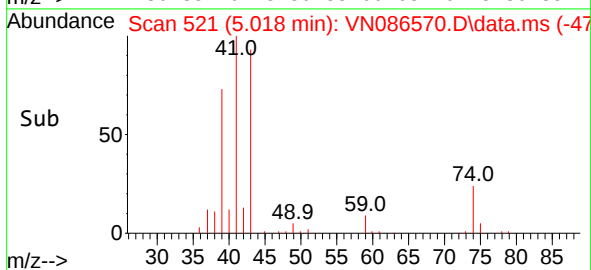
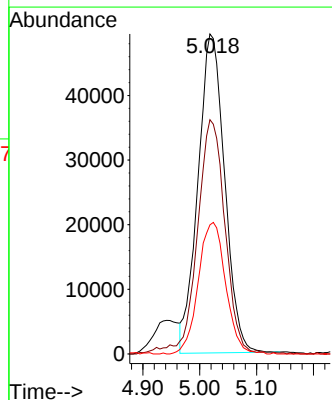
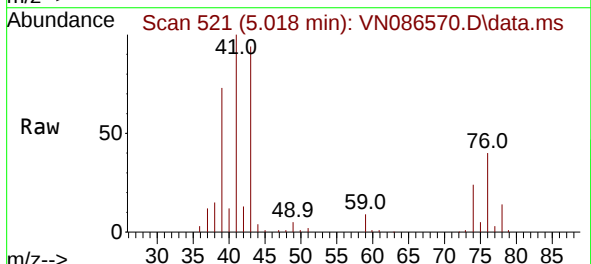
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 77719
Ion Ratio Lower Upper
56 100
55 69.2 58.5 87.7



#14
Allyl chloride
Concen: 40.750 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN086570.D
Acq: 12 May 2025 10:53

Tgt Ion: 41 Resp: 160740
Ion Ratio Lower Upper
41 100
39 76.7 59.2 88.8
76 42.3 31.2 46.8

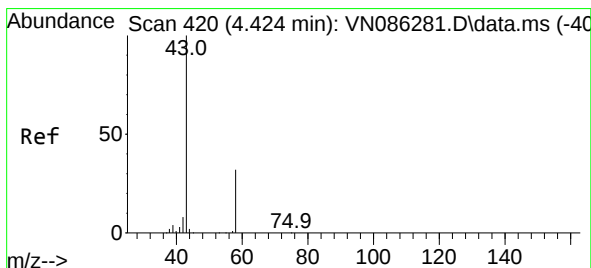
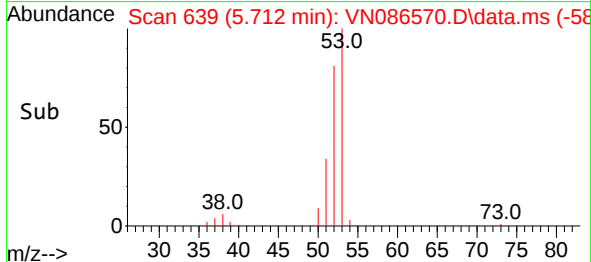
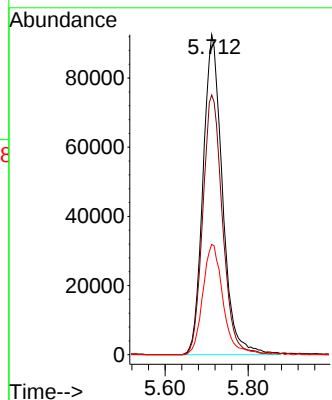
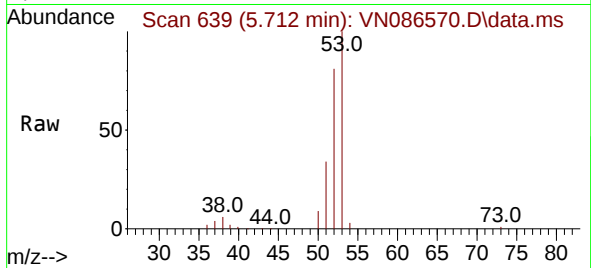




#15
Acrylonitrile
Concen: 244.318 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086570.D
Acq: 12 May 2025 10:53

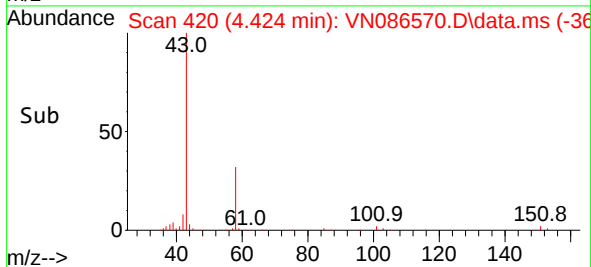
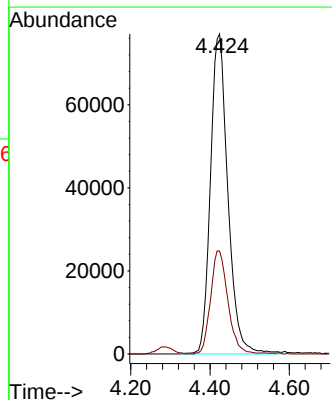
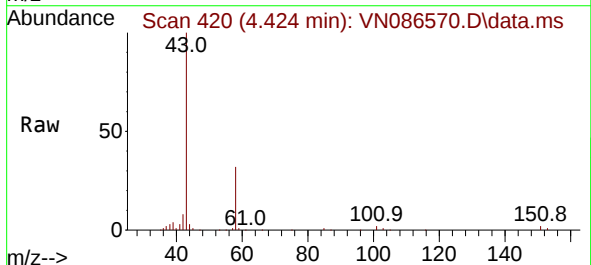
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

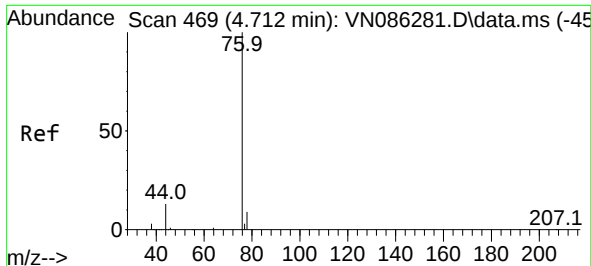
Tgt Ion: 53 Resp: 301262
Ion Ratio Lower Upper
53 100
52 81.8 65.5 98.3
51 35.8 28.6 42.8



#16
Acetone
Concen: 248.093 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086570.D
Acq: 12 May 2025 10:53

Tgt Ion: 43 Resp: 234537
Ion Ratio Lower Upper
43 100
58 31.8 25.3 37.9

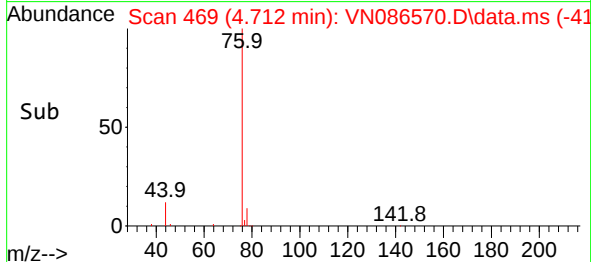
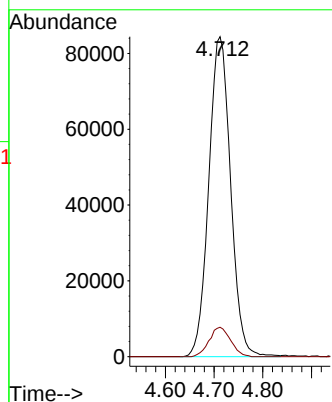
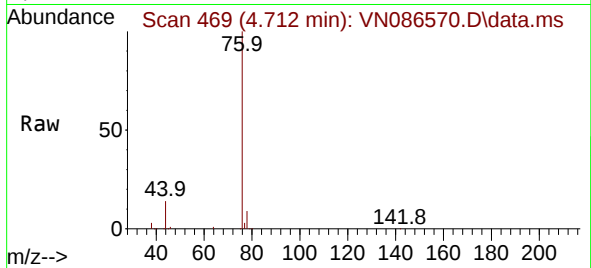




#17
Carbon Disulfide
Concen: 39.570 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN086570.D
Acq: 12 May 2025 10:53

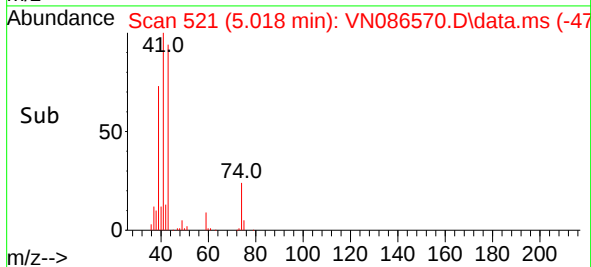
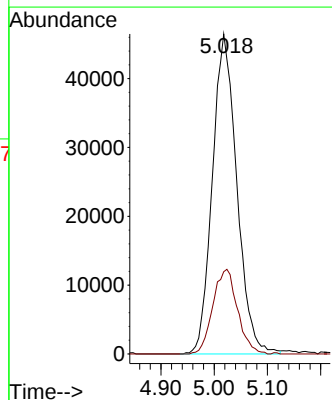
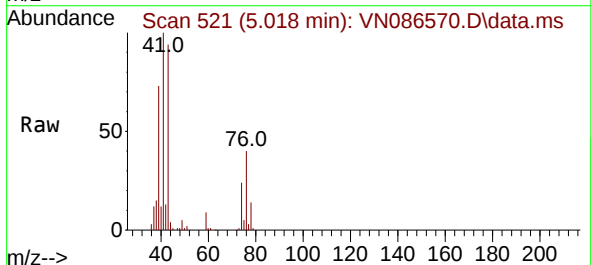
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

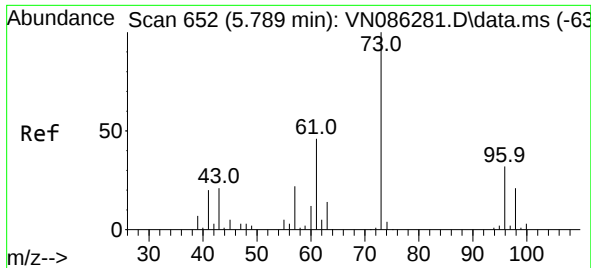
Tgt Ion: 76 Resp: 262907
Ion Ratio Lower Upper
76 100
78 9.2 7.6 11.4



#18
Methyl Acetate
Concen: 45.194 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN086570.D
Acq: 12 May 2025 10:53

Tgt Ion: 43 Resp: 148310
Ion Ratio Lower Upper
43 100
74 26.6 19.8 29.6

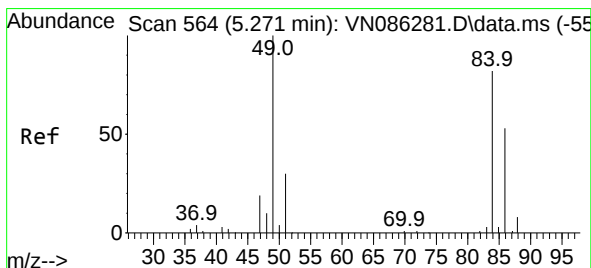
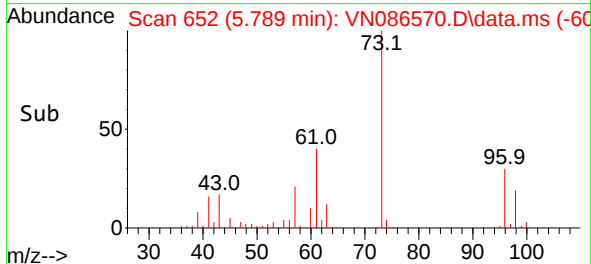
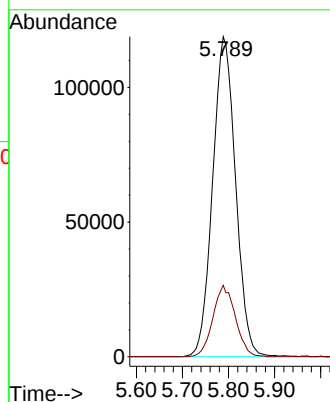
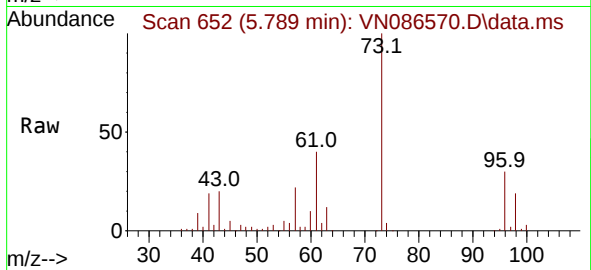




#19
Methyl tert-butyl Ether
Concen: 50.294 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086570.D
Acq: 12 May 2025 10:53

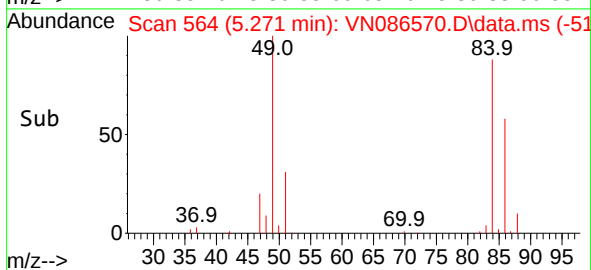
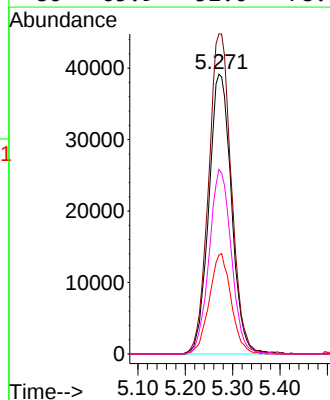
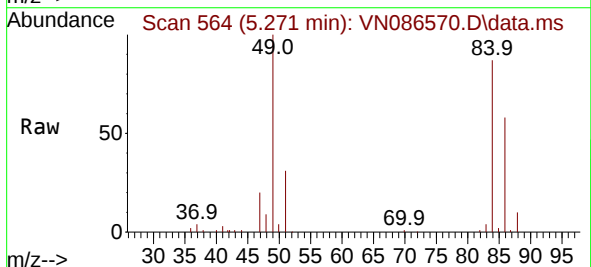
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

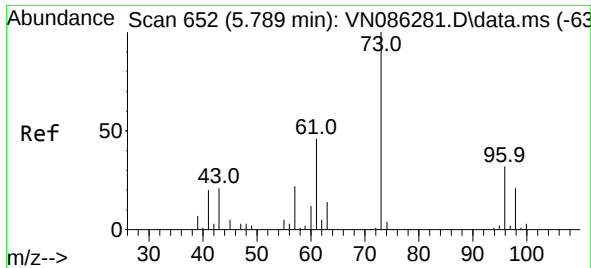
Tgt Ion: 73 Resp: 410230
Ion Ratio Lower Upper
73 100
57 22.3 17.6 26.4



#20
Methylene Chloride
Concen: 51.295 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086570.D
Acq: 12 May 2025 10:53

Tgt Ion: 84 Resp: 129641
Ion Ratio Lower Upper
84 100
49 114.4 98.2 147.2
51 35.4 29.8 44.6
86 65.9 52.0 78.0

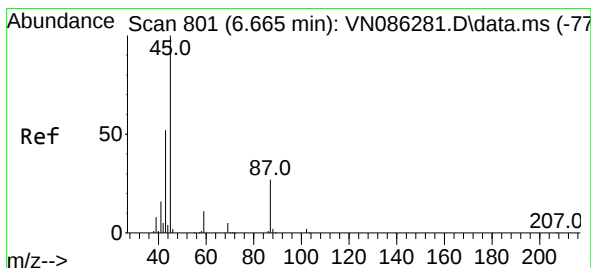
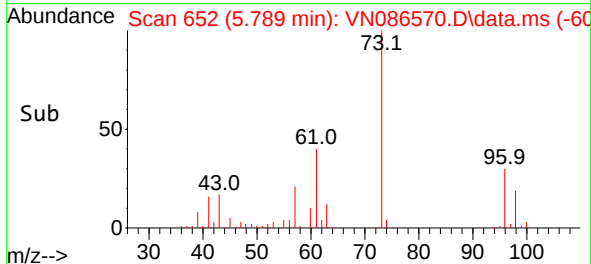
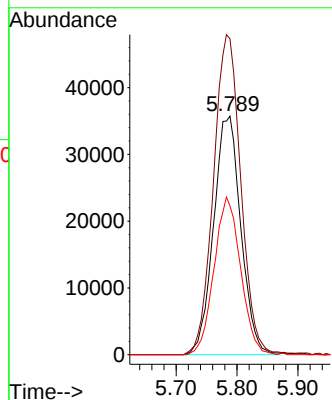
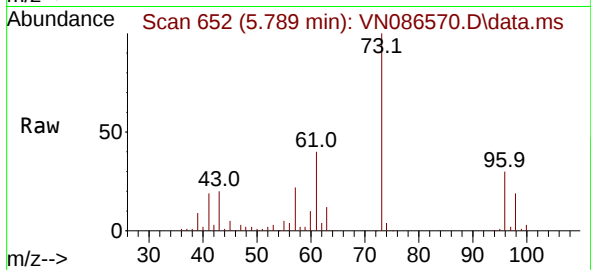




#21
trans-1,2-Dichloroethene
Concen: 47.918 ug/l
RT: 5.789 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN086570.D
Acq: 12 May 2025 10:53

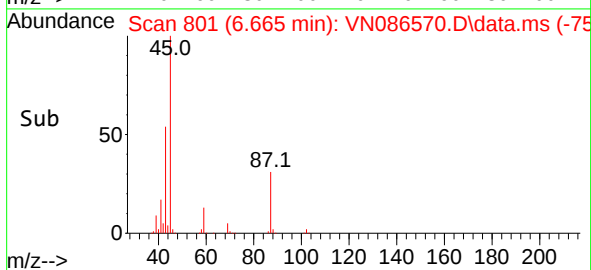
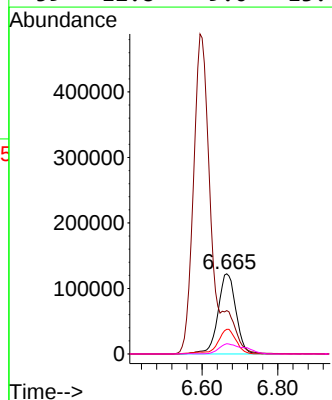
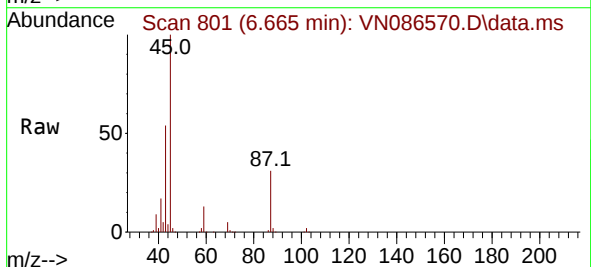
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

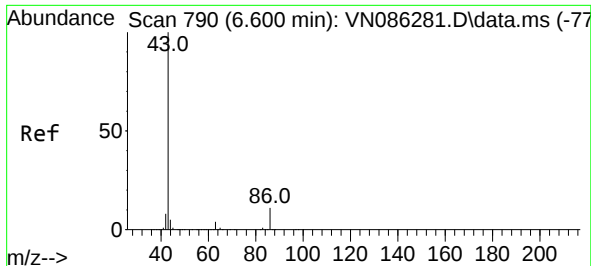
Tgt Ion: 96 Resp: 111164
Ion Ratio Lower Upper
96 100
61 132.5 114.6 171.8
98 62.3 51.2 76.8



#22
Diisopropyl ether
Concen: 46.986 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN086570.D
Acq: 12 May 2025 10:53

Tgt Ion: 45 Resp: 403182
Ion Ratio Lower Upper
45 100
43 53.7 41.8 62.8
87 30.7 21.6 32.4
59 12.8 9.0 13.4

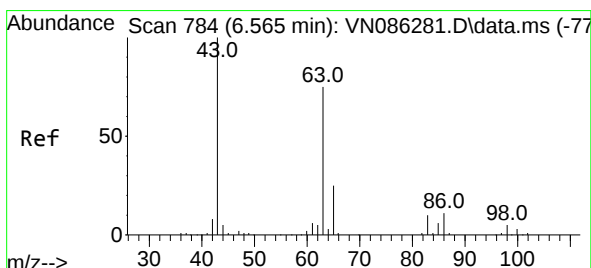
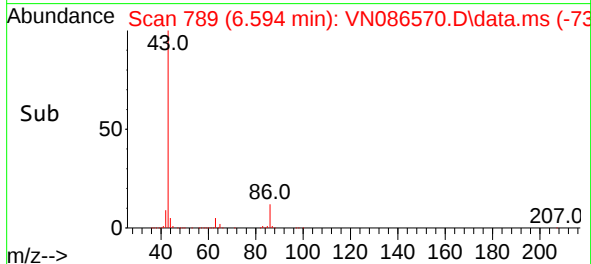
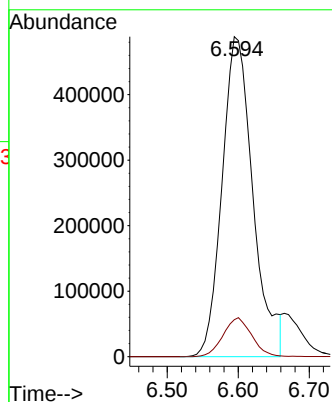
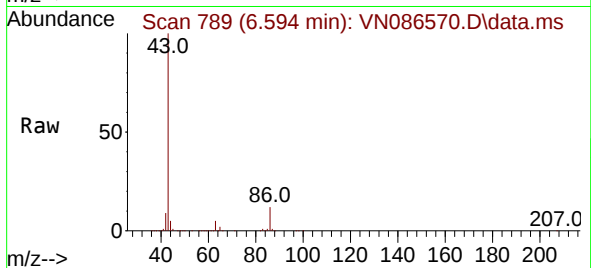




#23
 Vinyl Acetate
 Concen: 246.230 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. -0.006 min
 Lab File: VN086570.D
 Acq: 12 May 2025 10:53

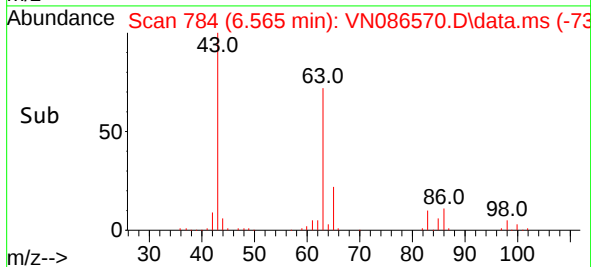
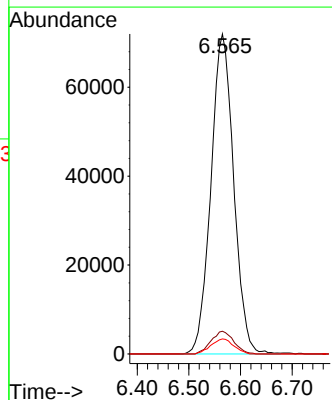
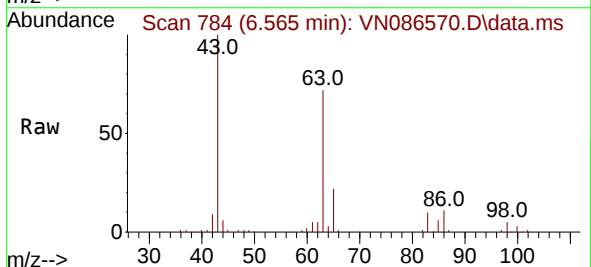
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

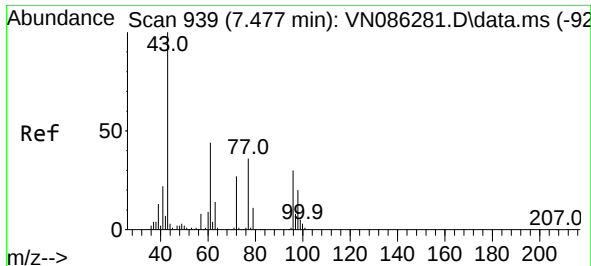
Tgt Ion: 43 Resp: 1477012
 Ion Ratio Lower Upper
 43 100
 86 11.6 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 48.612 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN086570.D
 Acq: 12 May 2025 10:53

Tgt Ion: 63 Resp: 220095
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.4 10.2
 100 4.7 2.1 6.5

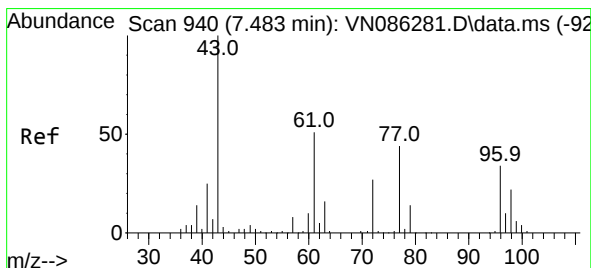
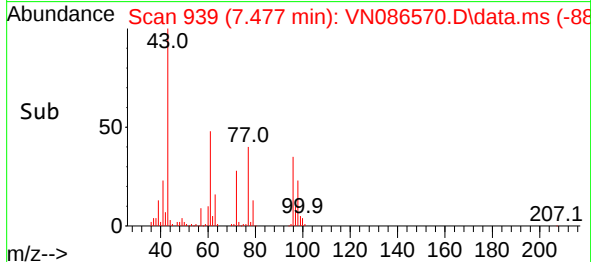
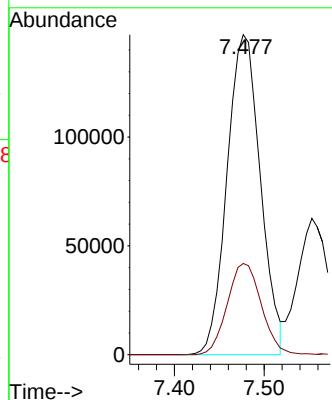
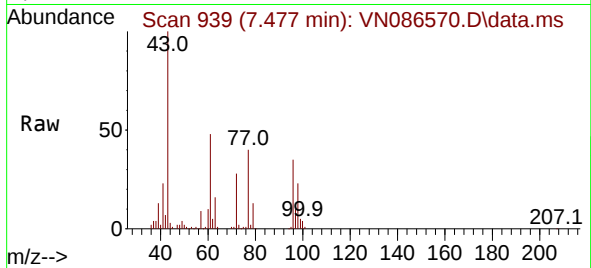




#25
2-Butanone
Concen: 223.158 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086570.D
Acq: 12 May 2025 10:53

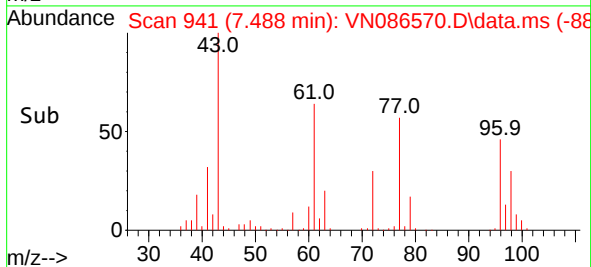
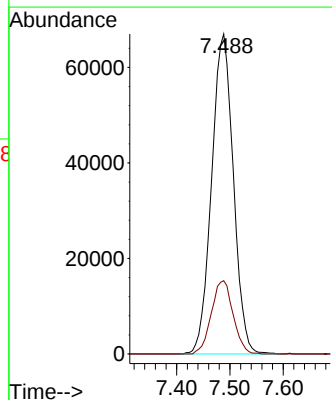
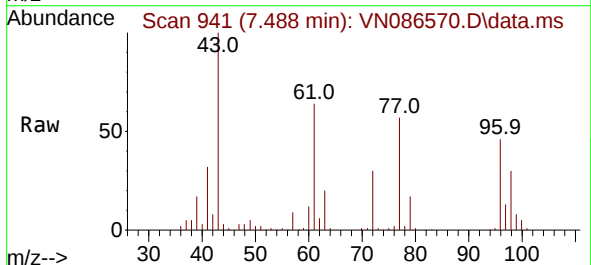
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 379739
Ion Ratio Lower Upper
43 100
72 28.5 21.7 32.5



#26
2,2-Dichloropropane
Concen: 46.809 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086570.D
Acq: 12 May 2025 10:53

Tgt Ion: 77 Resp: 189754
Ion Ratio Lower Upper
77 100
97 22.9 11.2 33.5



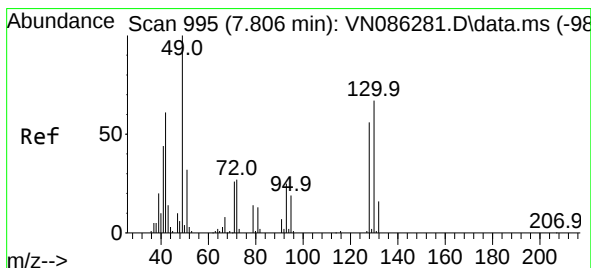
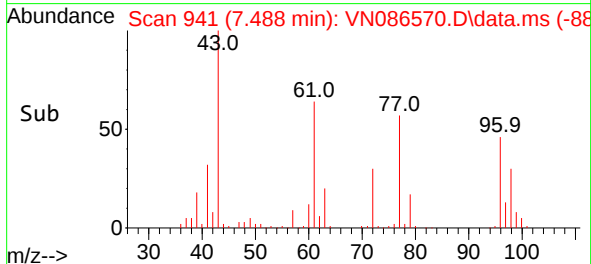
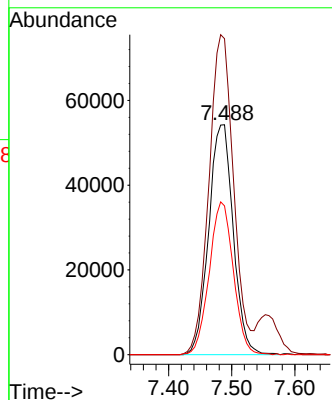
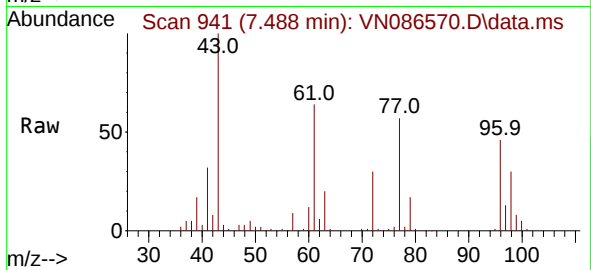


#27
 cis-1,2-Dichloroethene
 Concen: 50.872 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN086570.D
 Acq: 12 May 2025 10:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 146477

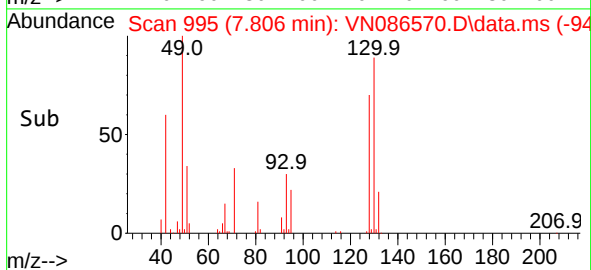
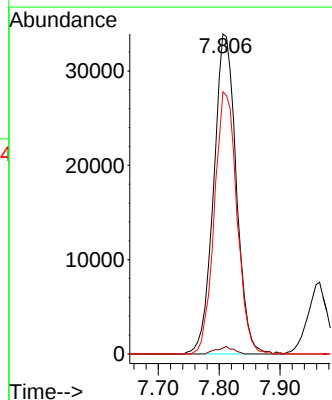
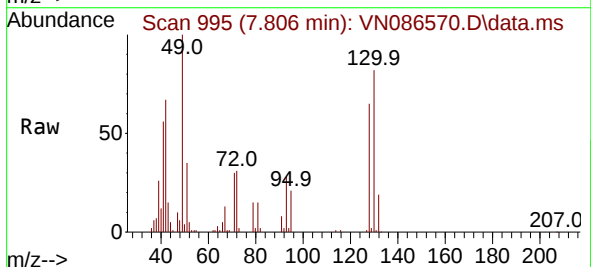
Ion	Ratio	Lower	Upper
96	100		
61	140.2	0.0	299.0
98	65.3	0.0	129.6



#28
 Bromochloromethane
 Concen: 45.565 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.000 min
 Lab File: VN086570.D
 Acq: 12 May 2025 10:53

Tgt Ion: 49 Resp: 87471

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.4
130	81.7	57.1	85.7





#29

Tetrahydrofuran

Concen: 220.858 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086570.D

Acq: 12 May 2025 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

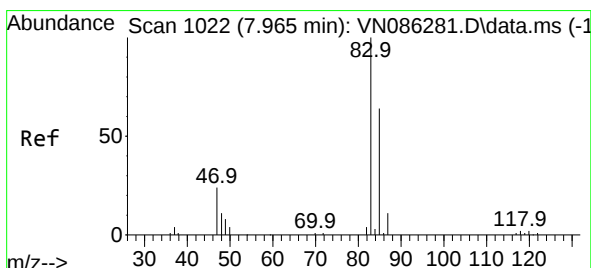
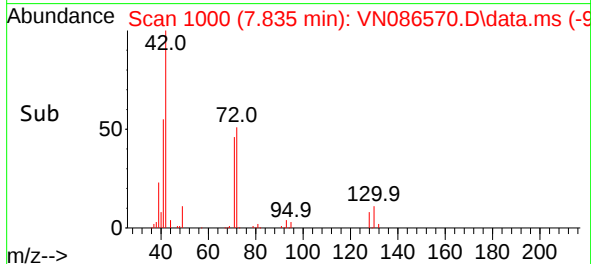
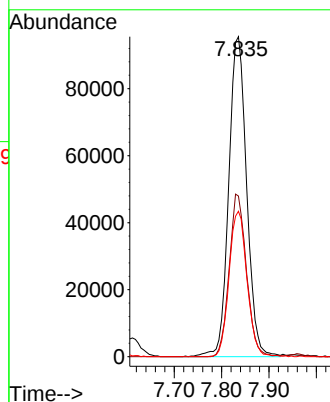
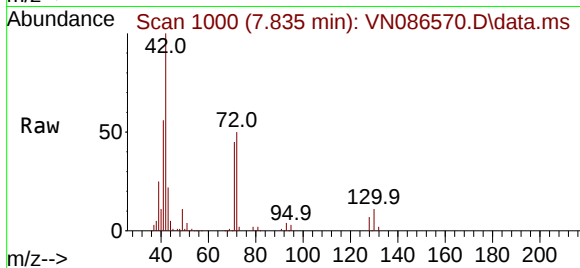
Tgt Ion: 42 Resp: 251316

Ion Ratio Lower Upper

42 100

72 48.9 36.2 54.4

71 45.4 34.0 51.0



#30

Chloroform

Concen: 51.339 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VN086570.D

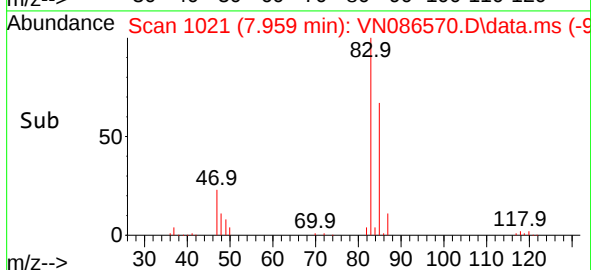
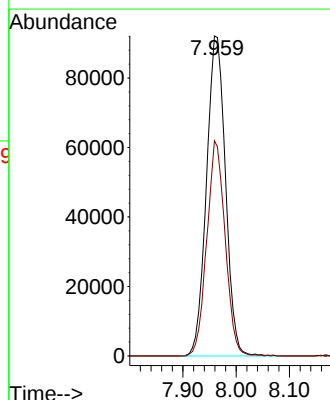
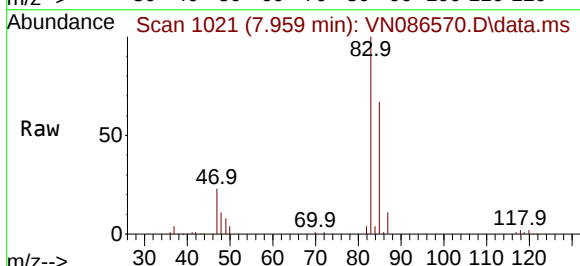
Acq: 12 May 2025 10:53

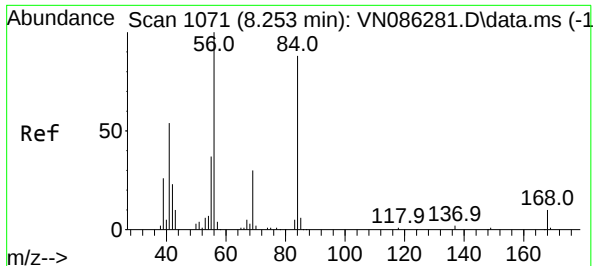
Tgt Ion: 83 Resp: 228333

Ion Ratio Lower Upper

83 100

85 67.2 51.5 77.3





#31

Cyclohexane

Concen: 39.048 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.000 min

Lab File: VN086570.D

Acq: 12 May 2025 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

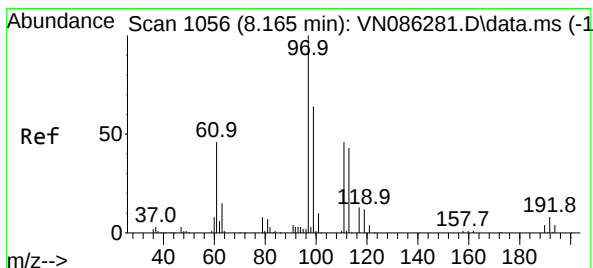
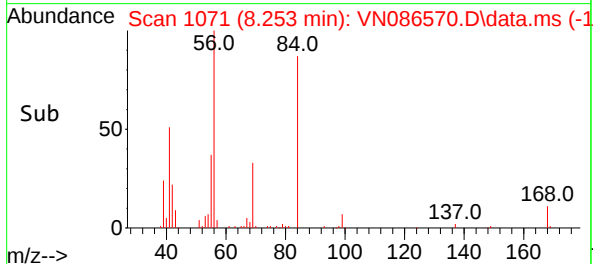
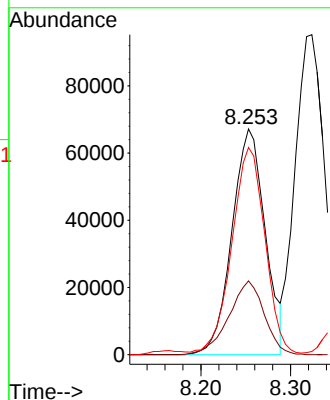
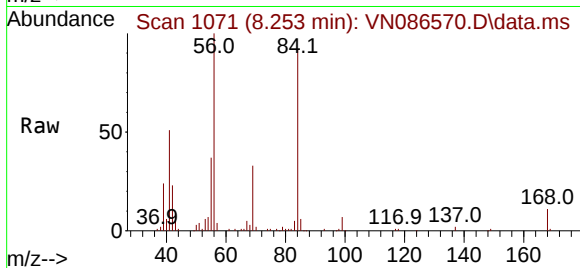
Tgt Ion: 56 Resp: 172997

Ion Ratio Lower Upper

56 100

69 32.7 24.2 36.2

84 90.4 70.3 105.5



#32

1,1,1-Trichloroethane

Concen: 48.490 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086570.D

Acq: 12 May 2025 10:53

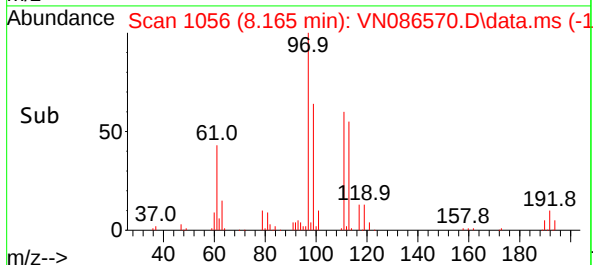
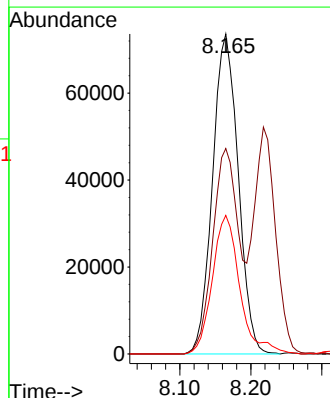
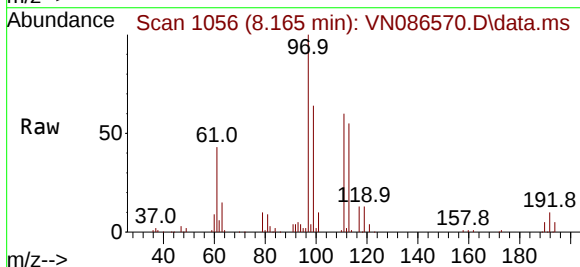
Tgt Ion: 97 Resp: 184492

Ion Ratio Lower Upper

97 100

99 66.1 52.7 79.1

61 46.5 39.5 59.3





#33

1,2-Dichloroethane-d4

Concen: 49.143 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086570.D

Acq: 12 May 2025 10:53

Instrument :

MSVOA_N

ClientSampleId :

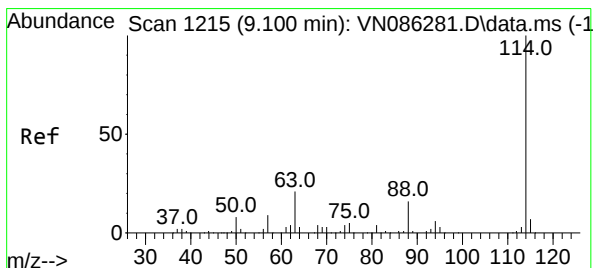
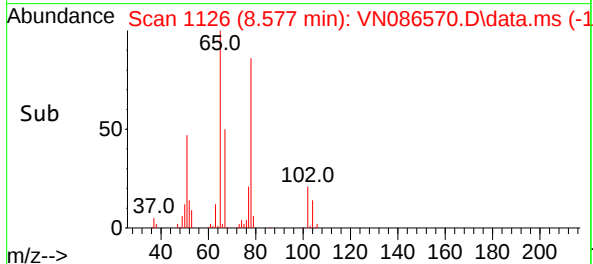
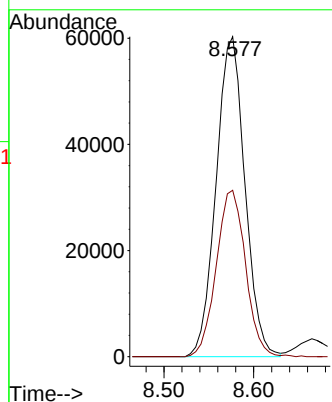
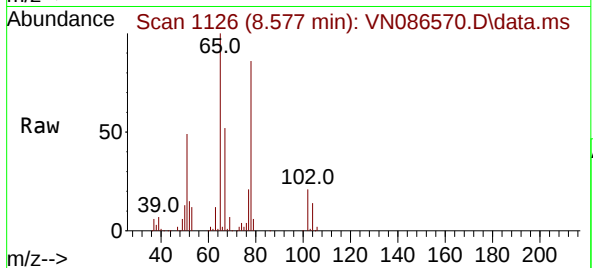
VSTDCCC050

Tgt Ion: 65 Resp: 134348

Ion Ratio Lower Upper

65 100

67 52.8 0.0 106.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VN086570.D

Acq: 12 May 2025 10:53

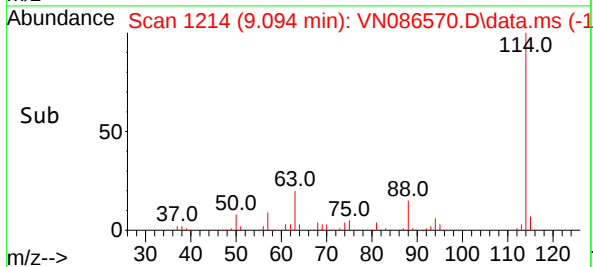
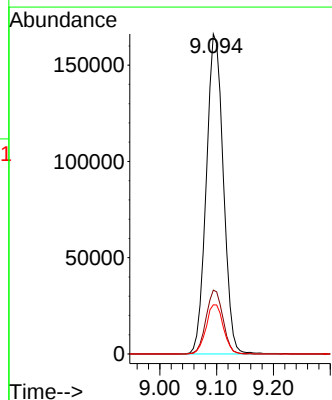
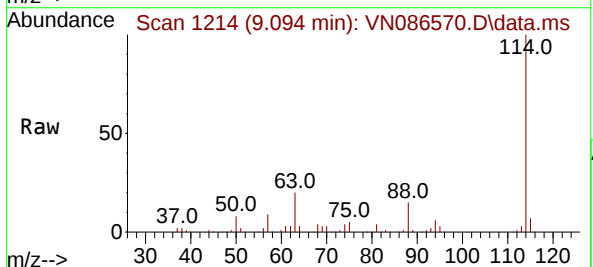
Tgt Ion: 114 Resp: 344836

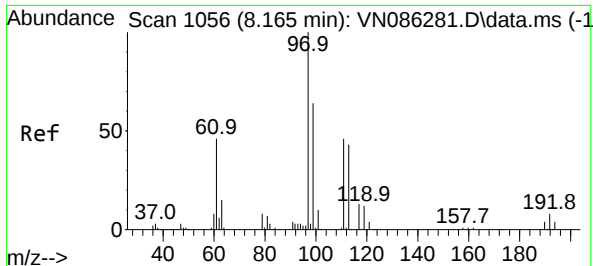
Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.6

88 15.4 0.0 31.8





#35

Dibromofluoromethane

Concen: 62.796 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN086570.D

Acq: 12 May 2025 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

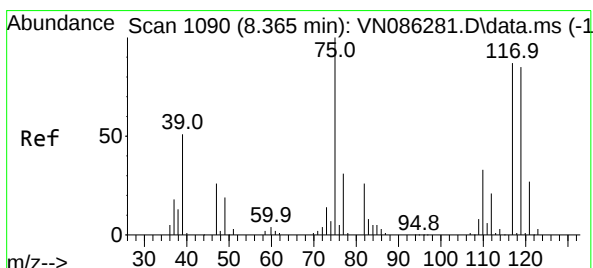
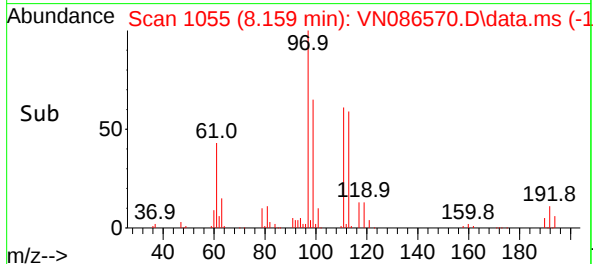
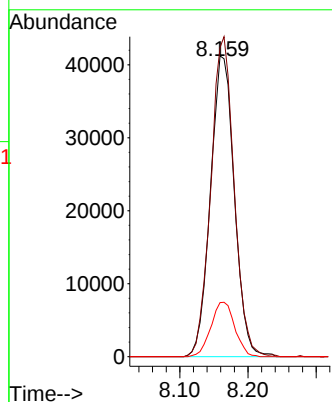
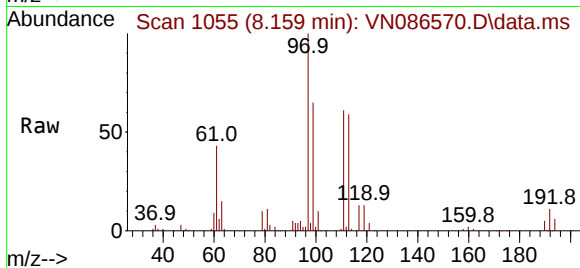
Tgt Ion:113 Resp: 100500

Ion Ratio Lower Upper

113 100

111 103.7 83.4 125.0

192 18.1 13.7 20.5



#36

1,1-Dichloropropene

Concen: 46.420 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. -0.000 min

Lab File: VN086570.D

Acq: 12 May 2025 10:53

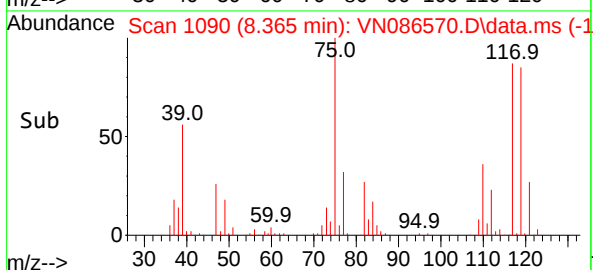
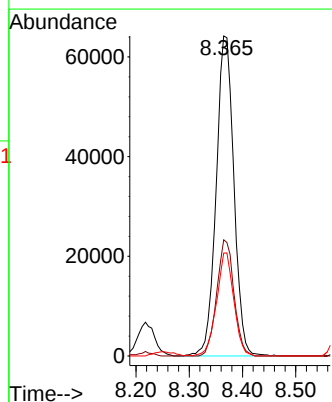
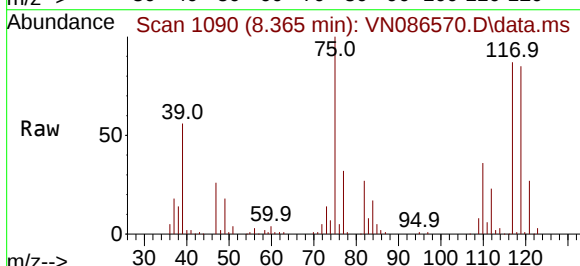
Tgt Ion: 75 Resp: 148387

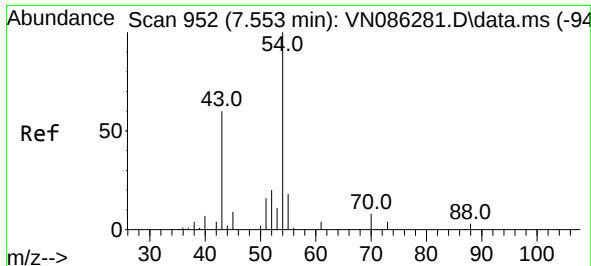
Ion Ratio Lower Upper

75 100

110 35.3 16.8 50.4

77 31.5 24.9 37.3





#37

Ethyl Acetate

Concen: 46.810 ug/l

RT: 7.553 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN086570.D

Acq: 12 May 2025 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

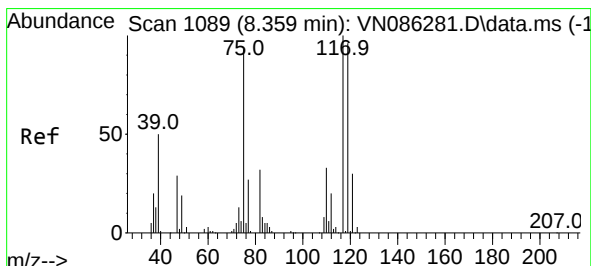
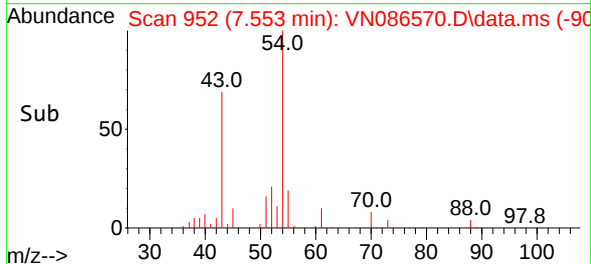
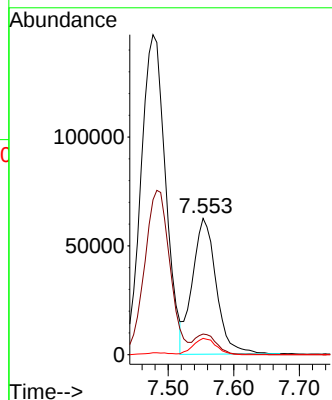
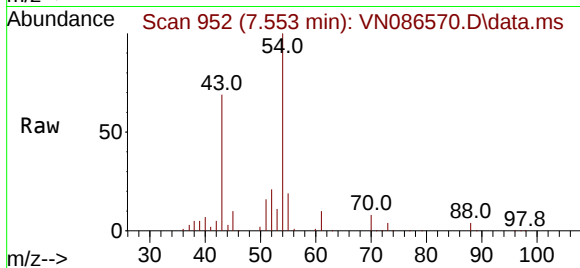
Tgt Ion: 43 Resp: 157535

Ion Ratio Lower Upper

43 100

61 13.7 11.1 16.7

70 11.7 9.2 13.8



#38

Carbon Tetrachloride

Concen: 48.887 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VN086570.D

Acq: 12 May 2025 10:53

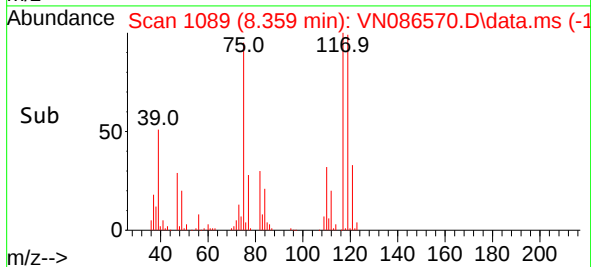
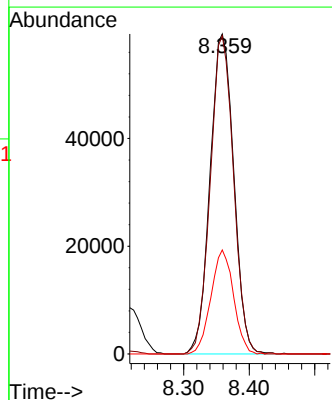
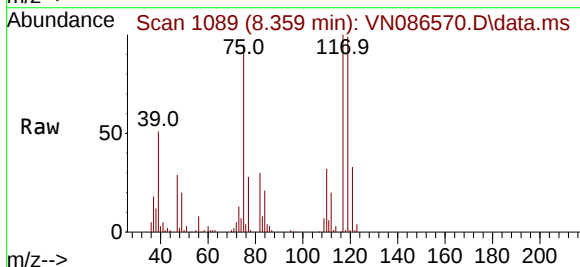
Tgt Ion: 117 Resp: 148821

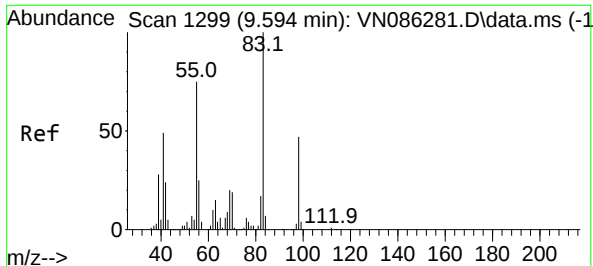
Ion Ratio Lower Upper

117 100

119 99.4 76.8 115.2

121 32.5 23.8 35.8

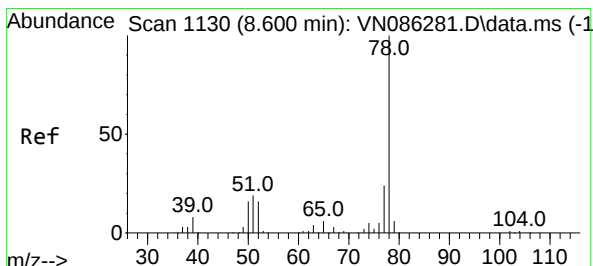
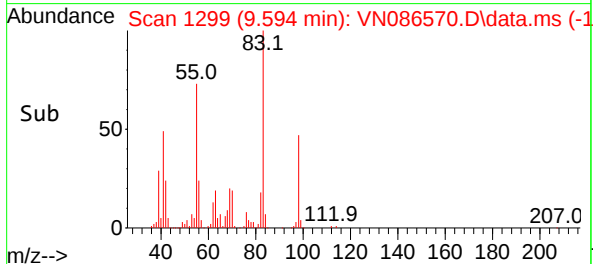
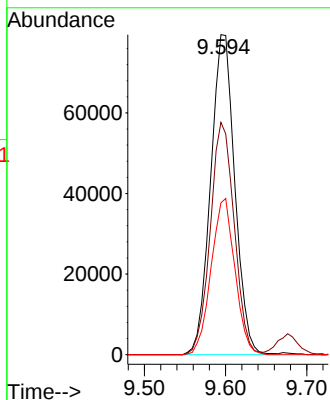
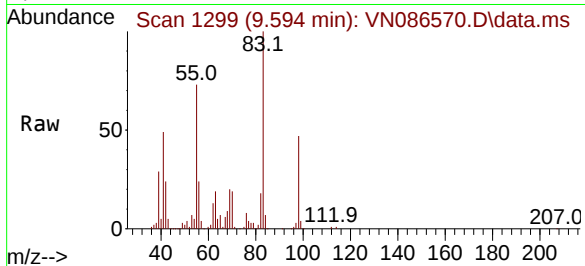




#39
Methylcyclohexane
Concen: 43.280 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.000 min
Lab File: VN086570.D
Acq: 12 May 2025 10:53

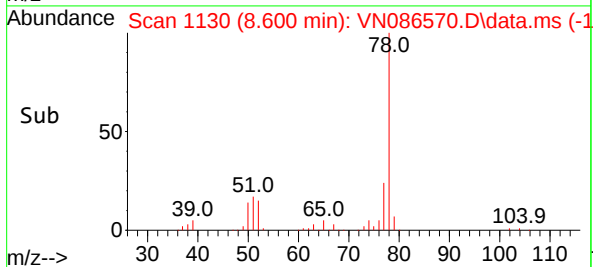
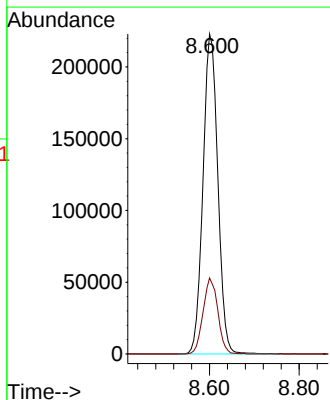
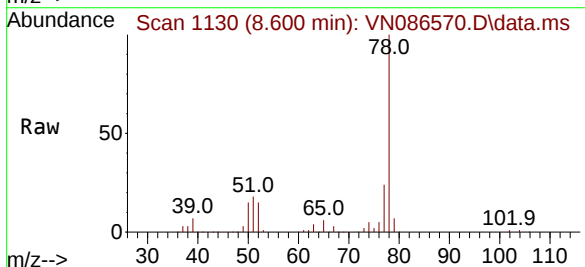
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 164441
Ion Ratio Lower Upper
83 100
55 72.6 59.8 89.8
98 47.4 37.9 56.9



#40
Benzene
Concen: 49.920 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN086570.D
Acq: 12 May 2025 10:53

Tgt Ion: 78 Resp: 511271
Ion Ratio Lower Upper
78 100
77 23.8 19.4 29.2

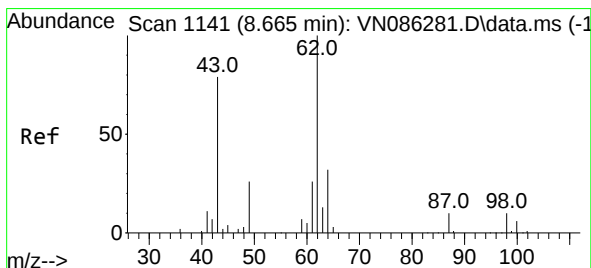
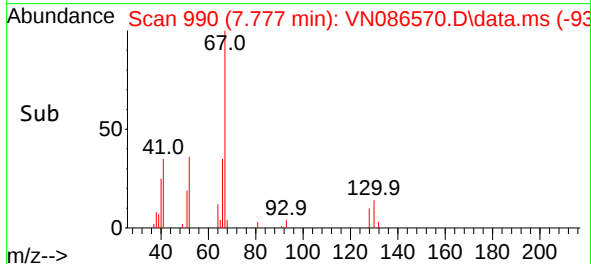
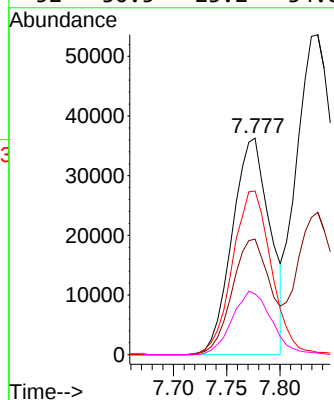
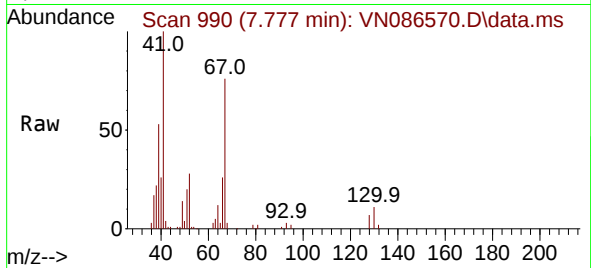




#41
Methacrylonitrile
Concen: 45.950 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN086570.D
Acq: 12 May 2025 10:53

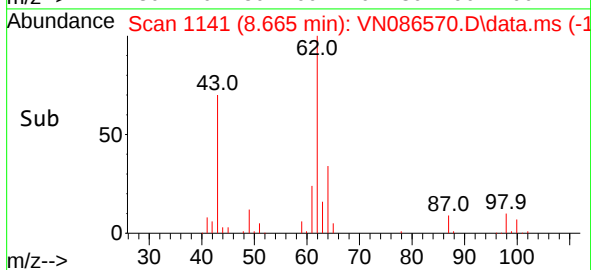
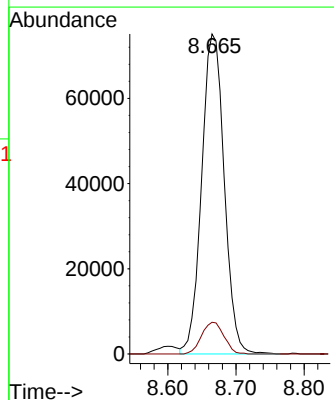
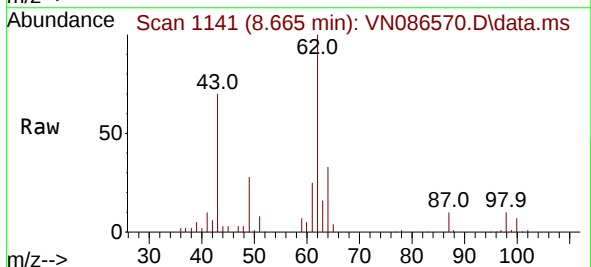
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

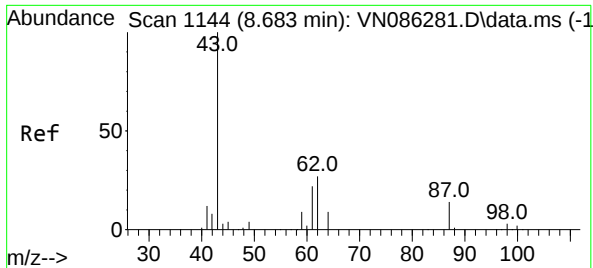
Tgt Ion:	41	Resp:	89624
Ion	Ratio	Lower	Upper
41	100		
39	53.9	43.0	64.4
67	78.3	58.8	88.2
52	30.5	23.2	34.8



#42
1,2-Dichloroethane
Concen: 52.969 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086570.D
Acq: 12 May 2025 10:53

Tgt Ion:	62	Resp:	172998
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.2

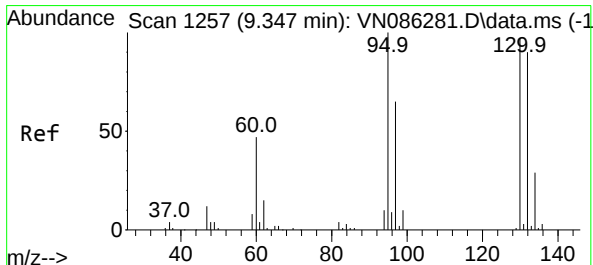
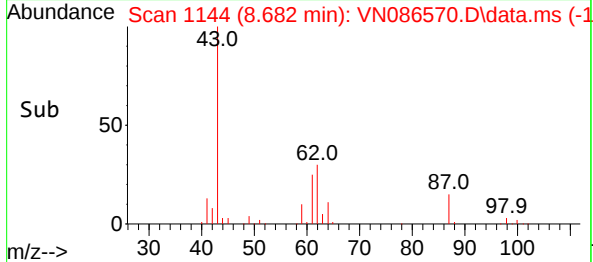
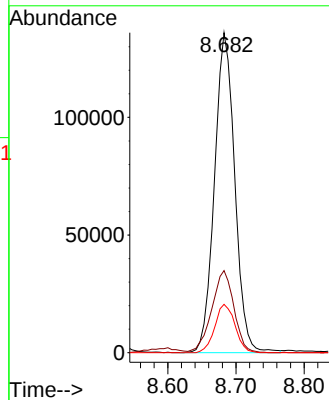
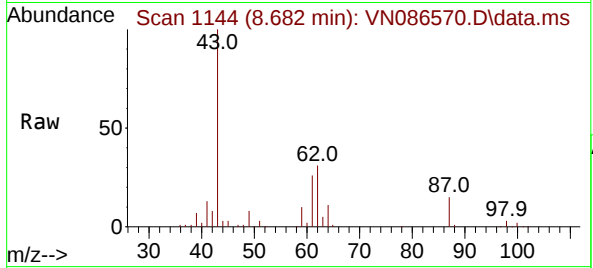




#43
Isopropyl Acetate
Concen: 46.707 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.001 min
Lab File: VN086570.D
Acq: 12 May 2025 10:53

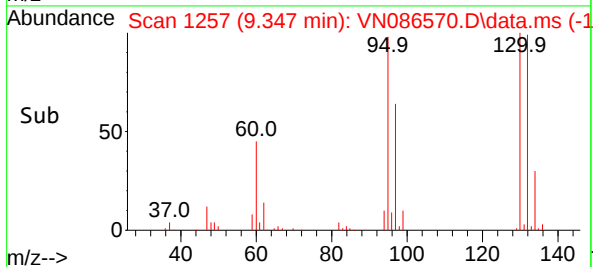
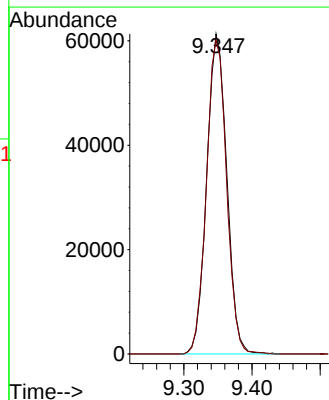
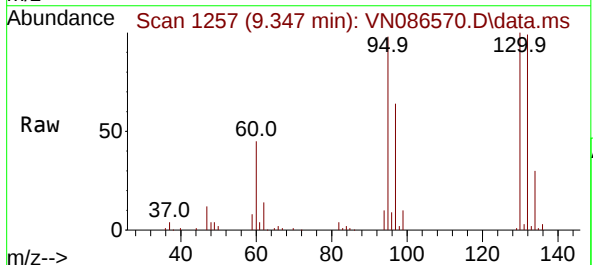
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 282456
Ion Ratio Lower Upper
43 100
61 28.0 20.5 30.7
87 15.0 10.5 15.7



#44
Trichloroethene
Concen: 51.878 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086570.D
Acq: 12 May 2025 10:53

Tgt Ion:130 Resp: 125934
Ion Ratio Lower Upper
130 100
95 98.0 0.0 207.2





#45

1,2-Dichloropropane

Concen: 50.741 ug/l

RT: 9.618 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086570.D

Acq: 12 May 2025 10:53

Instrument :

MSVOA_N

ClientSampleId :

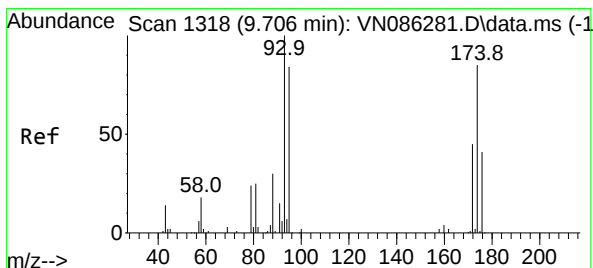
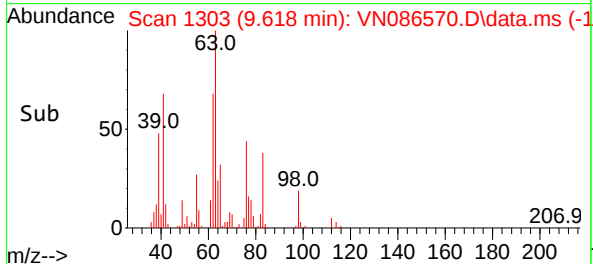
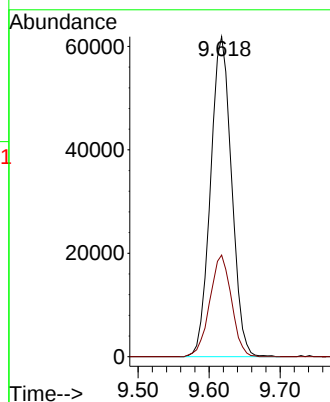
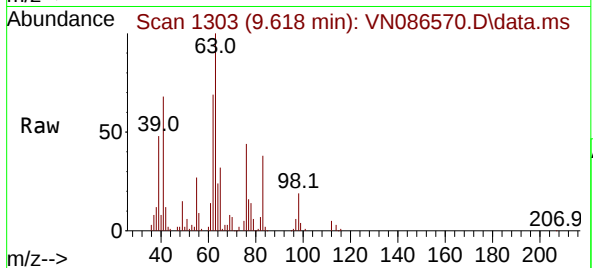
VSTDCCC050

Tgt Ion: 63 Resp: 127209

Ion Ratio Lower Upper

63 100

65 31.7 25.4 38.2



#46

Dibromomethane

Concen: 55.839 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086570.D

Acq: 12 May 2025 10:53

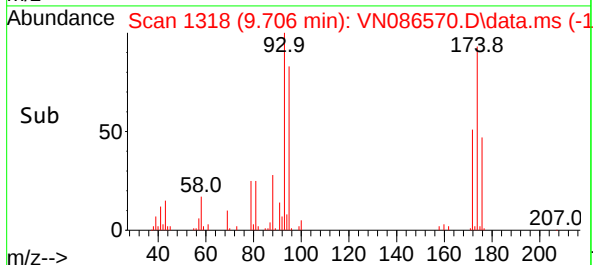
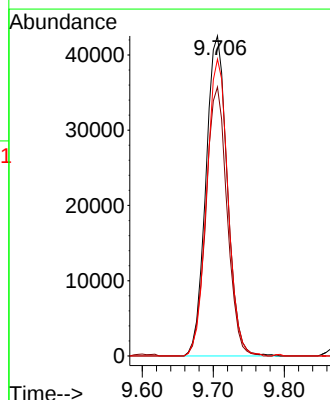
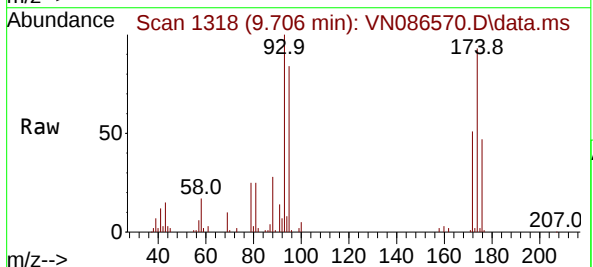
Tgt Ion: 93 Resp: 89194

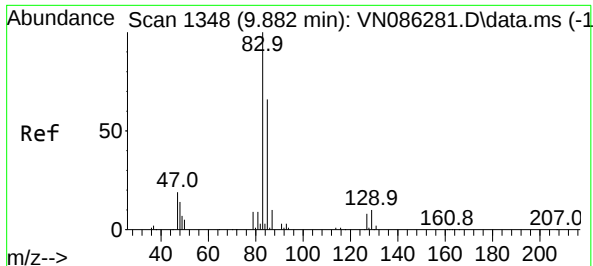
Ion Ratio Lower Upper

93 100

95 82.9 66.2 99.4

174 92.0 67.8 101.6

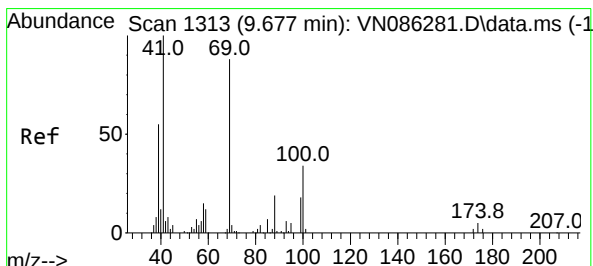
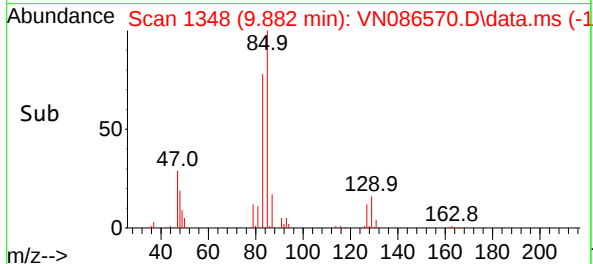
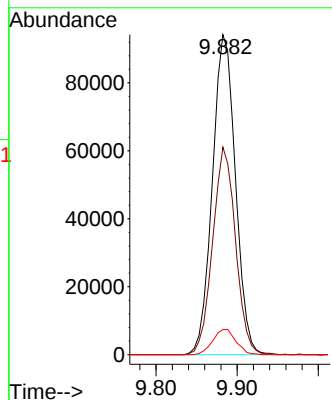
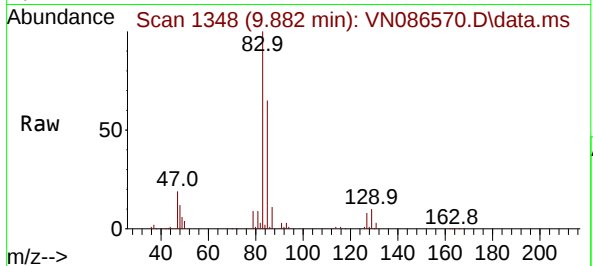




#47
Bromodichloromethane
Concen: 53.927 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN086570.D
Acq: 12 May 2025 10:53

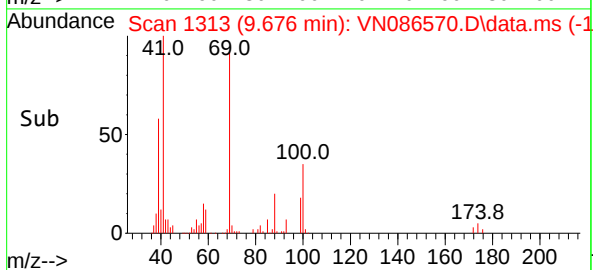
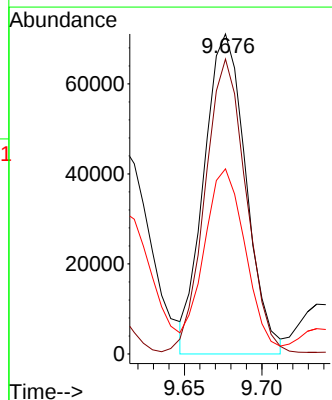
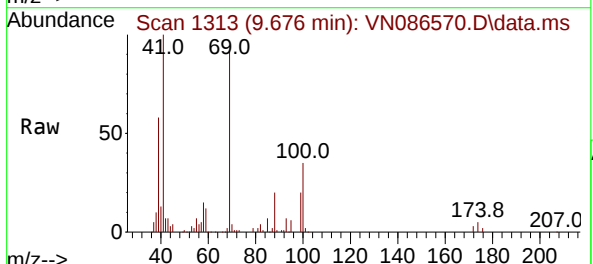
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

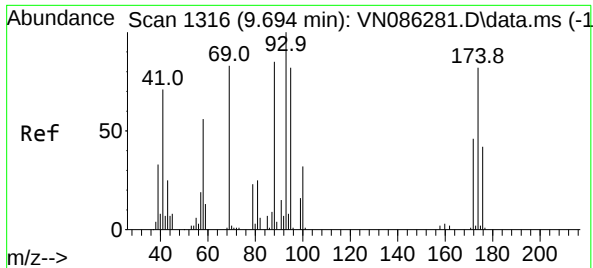
Tgt Ion: 83 Resp: 186046
Ion Ratio Lower Upper
83 100
85 64.8 52.6 78.8
127 7.8 6.1 9.1



#48
Methyl methacrylate
Concen: 45.298 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086570.D
Acq: 12 May 2025 10:53

Tgt Ion: 41 Resp: 133872
Ion Ratio Lower Upper
41 100
69 91.0 68.2 102.2
39 57.6 45.2 67.8

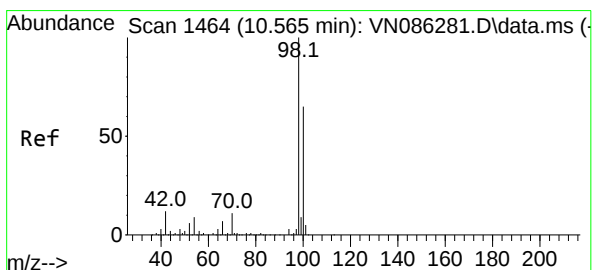
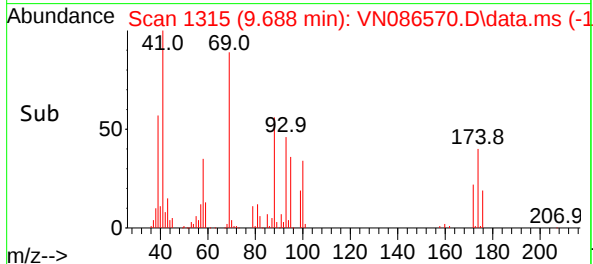
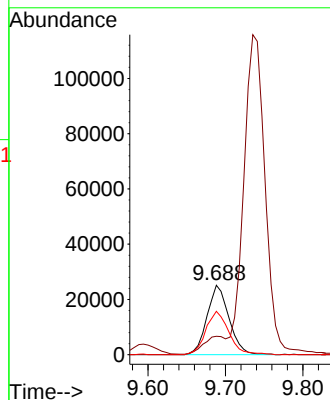
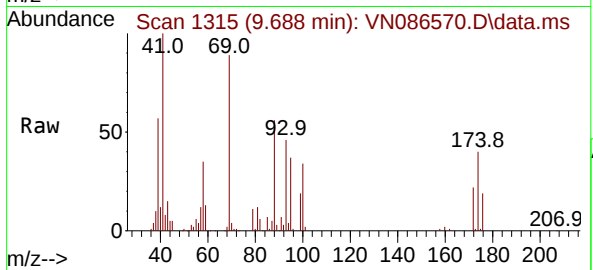




#49
1,4-Dioxane
Concen: 984.760 ug/l
RT: 9.688 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086570.D
Acq: 12 May 2025 10:53

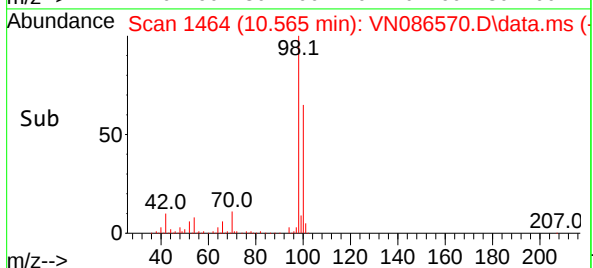
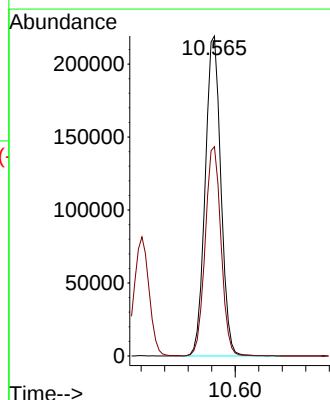
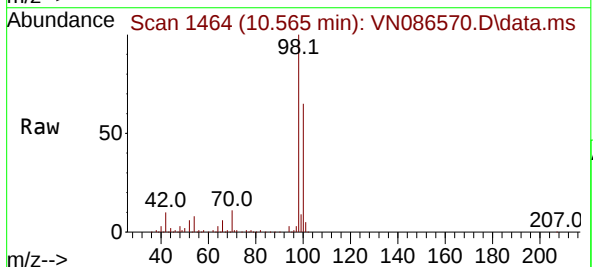
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 49504
Ion Ratio Lower Upper
88 100
43 25.8 23.8 35.8
58 65.7 57.4 86.2



#50
Toluene-d8
Concen: 47.439 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086570.D
Acq: 12 May 2025 10:53

Tgt Ion: 98 Resp: 405770
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7

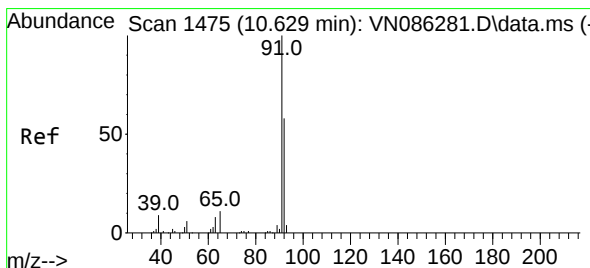
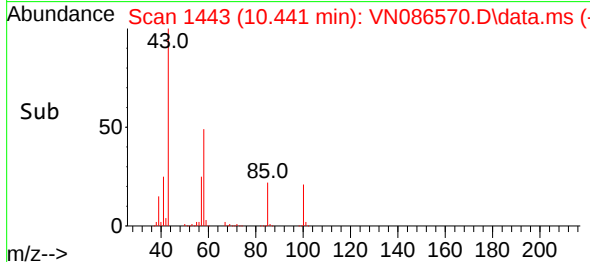
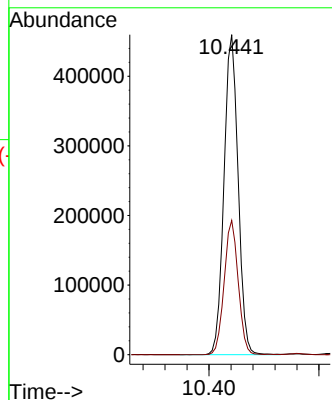
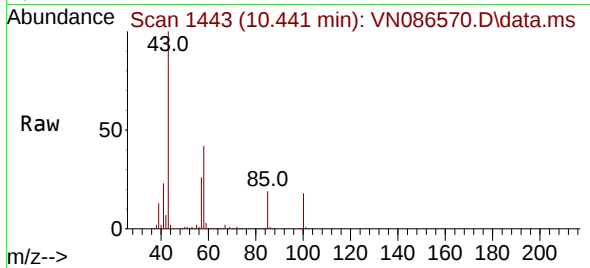




#51
4-Methyl-2-Pentanone
Concen: 237.515 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086570.D
Acq: 12 May 2025 10:53

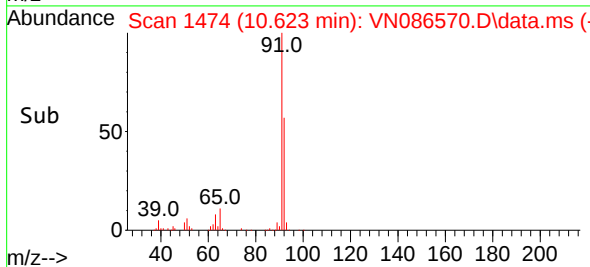
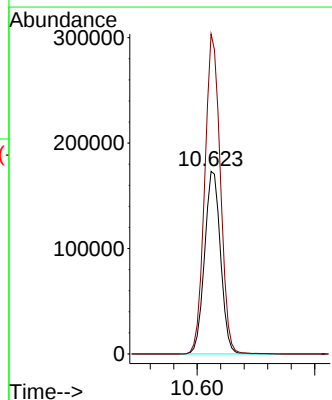
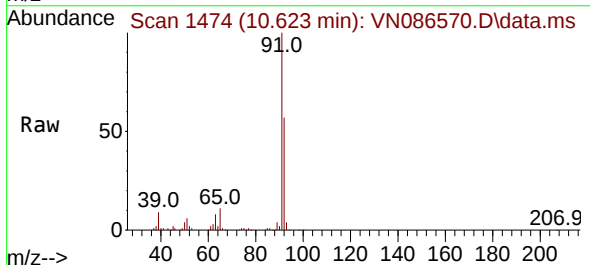
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

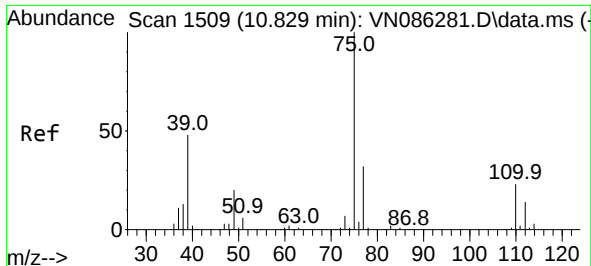
Tgt Ion: 43 Resp: 818513
Ion Ratio Lower Upper
43 100
58 41.8 32.2 48.4



#52
Toluene
Concen: 51.051 ug/l
RT: 10.623 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN086570.D
Acq: 12 May 2025 10:53

Tgt Ion: 92 Resp: 326247
Ion Ratio Lower Upper
92 100
91 171.4 137.3 205.9

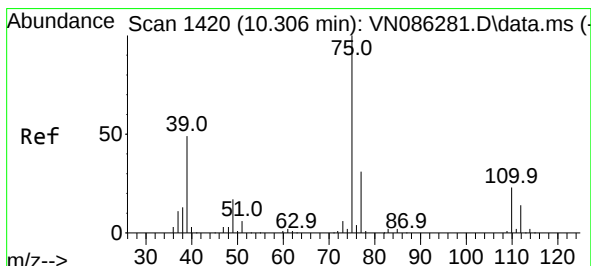
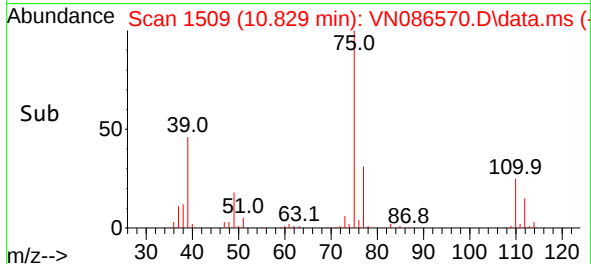
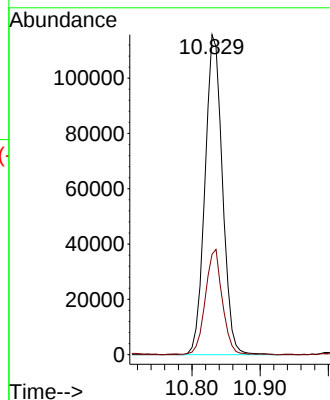
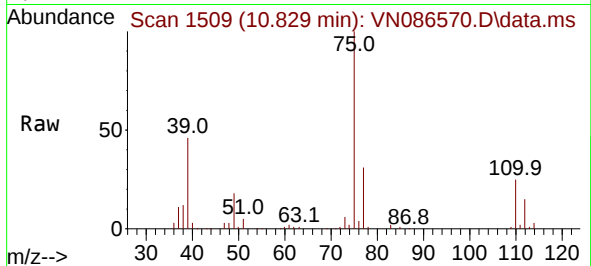




#53
 t-1,3-Dichloropropene
 Concen: 53.513 ug/l
 RT: 10.829 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN086570.D
 Acq: 12 May 2025 10:53

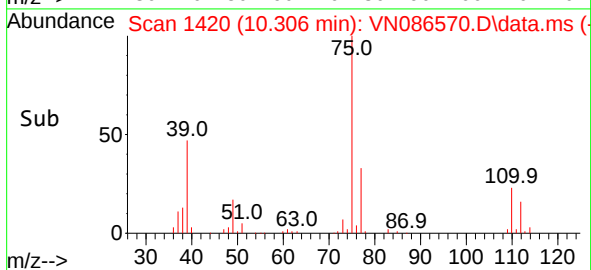
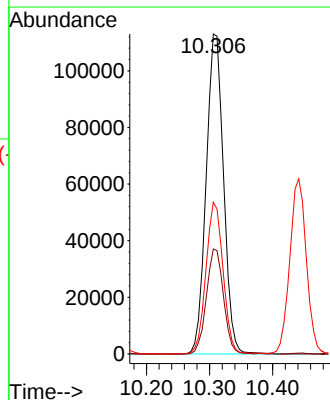
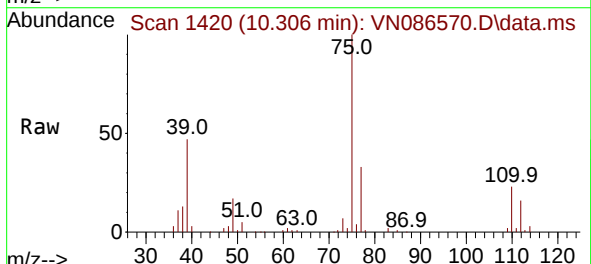
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

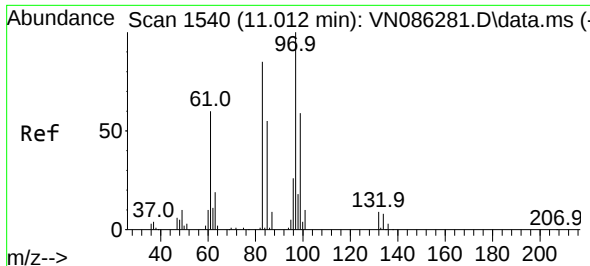
Tgt Ion: 75 Resp: 206083
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 51.149 ug/l
 RT: 10.306 min Scan# 1420
 Delta R.T. -0.000 min
 Lab File: VN086570.D
 Acq: 12 May 2025 10:53

Tgt Ion: 75 Resp: 216353
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.2 37.8
 39 47.4 39.3 58.9

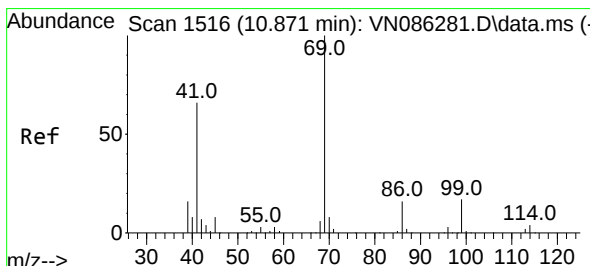
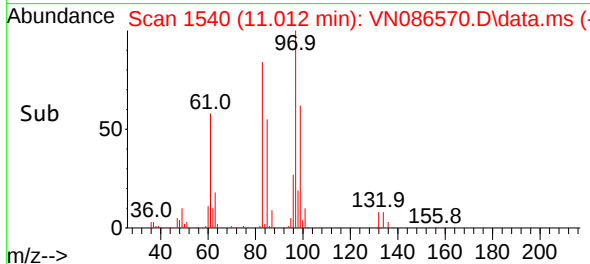
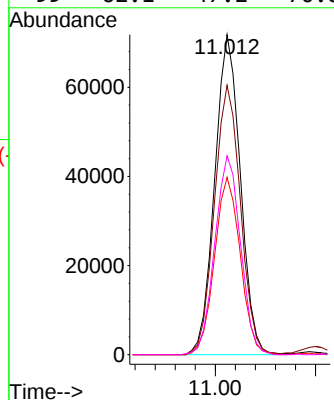
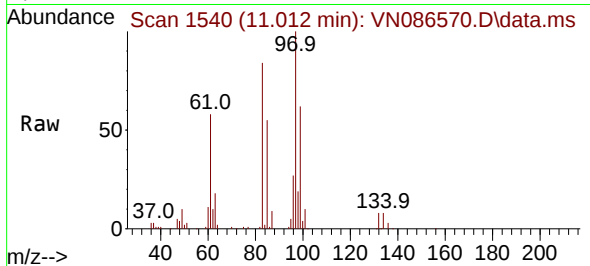




#55
1,1,2-Trichloroethane
Concen: 55.286 ug/l
RT: 11.012 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086570.D
Acq: 12 May 2025 10:53

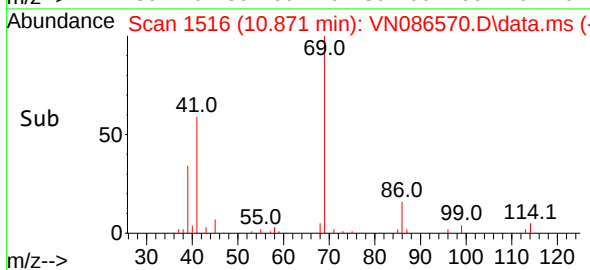
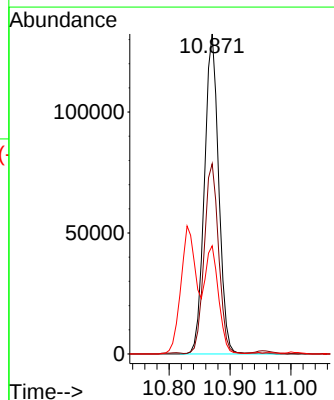
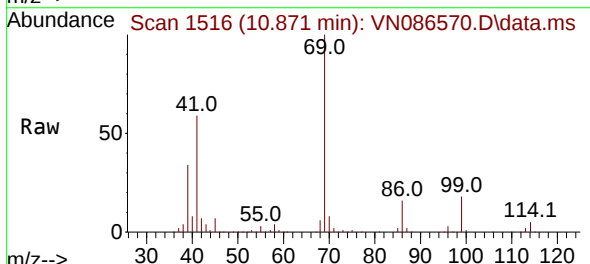
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

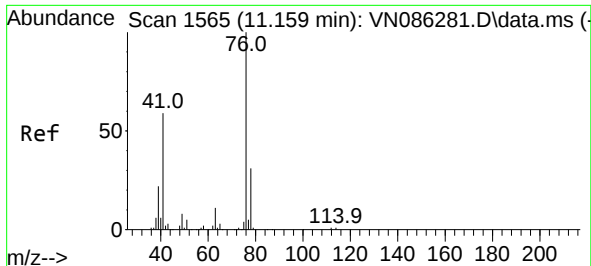
Tgt Ion:	97	Resp:	127116
Ion	Ratio	Lower	Upper
97	100		
83	84.1	68.4	102.6
85	55.4	43.9	65.9
99	62.1	47.2	70.8



#56
Ethyl methacrylate
Concen: 50.919 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086570.D
Acq: 12 May 2025 10:53

Tgt Ion:	69	Resp:	215205
Ion	Ratio	Lower	Upper
69	100		
41	60.0	51.7	77.5
39	31.2	26.3	39.5

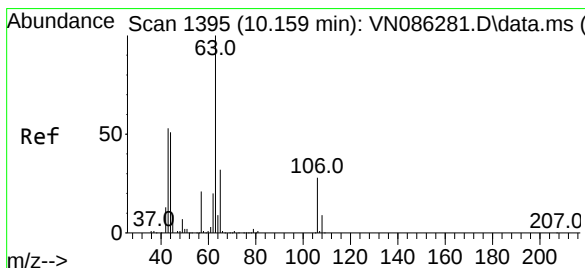
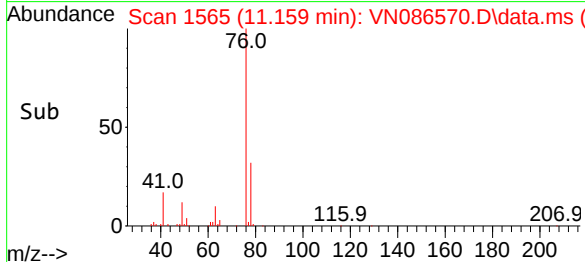
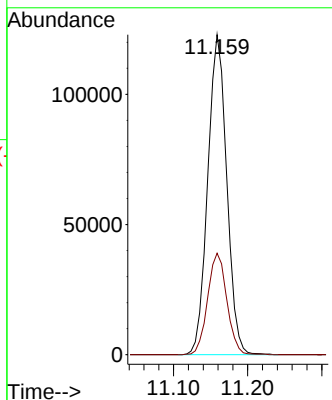
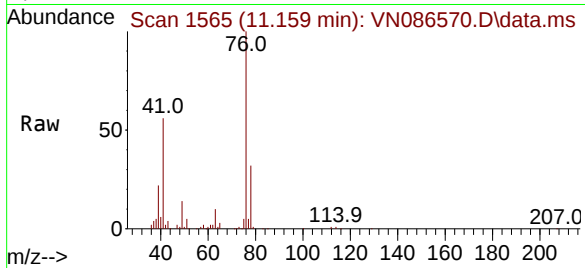




#57
1,3-Dichloropropane
Concen: 53.608 ug/l
RT: 11.159 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN086570.D
Acq: 12 May 2025 10:53

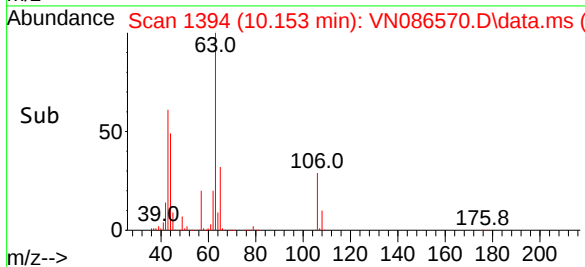
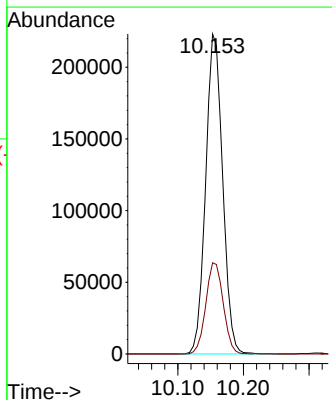
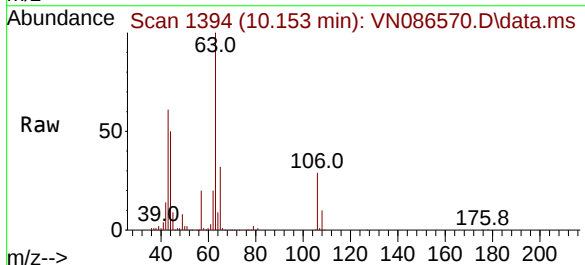
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

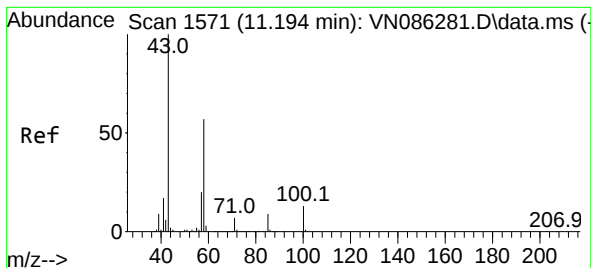
Tgt Ion: 76 Resp: 218689
Ion Ratio Lower Upper
76 100
78 32.1 25.6 38.4



#58
2-Chloroethyl Vinyl ether
Concen: 200.560 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VN086570.D
Acq: 12 May 2025 10:53

Tgt Ion: 63 Resp: 402321
Ion Ratio Lower Upper
63 100
106 29.2 22.2 33.2





#59

2-Hexanone

Concen: 229.927 ug/l

RT: 11.188 min Scan# 1570

Delta R.T. -0.006 min

Lab File: VN086570.D

Acq: 12 May 2025 10:53

Instrument :

MSVOA_N

ClientSampleId :

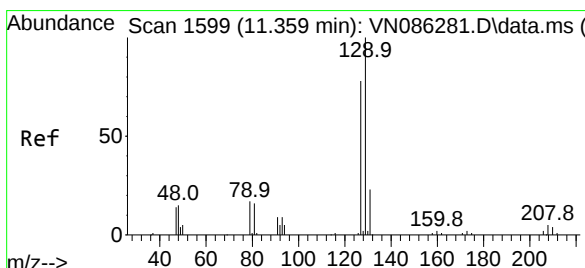
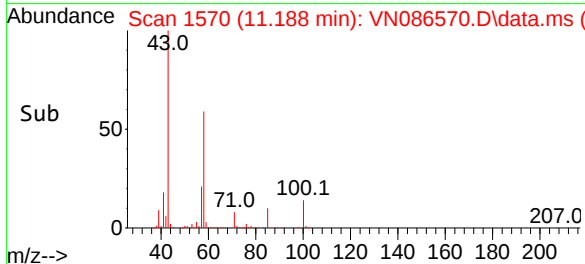
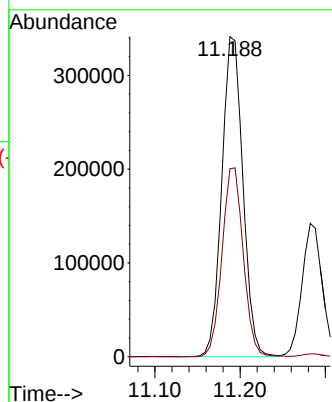
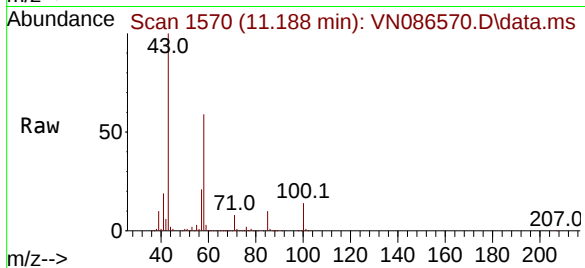
VSTDCCC050

Tgt Ion: 43 Resp: 587721

Ion Ratio Lower Upper

43 100

58 59.4 28.3 85.0



#60

Dibromochloromethane

Concen: 57.235 ug/l

RT: 11.353 min Scan# 1598

Delta R.T. -0.006 min

Lab File: VN086570.D

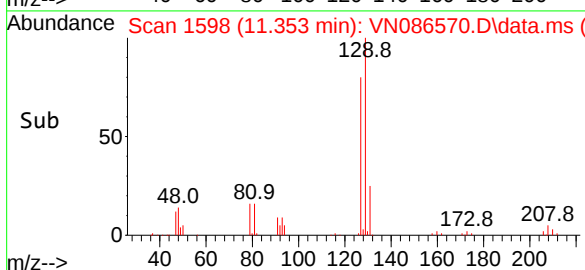
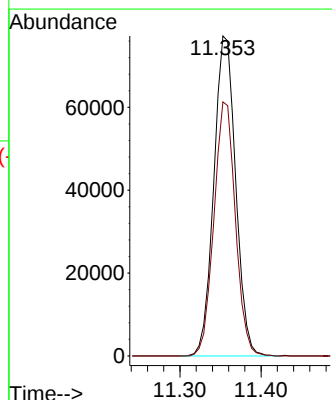
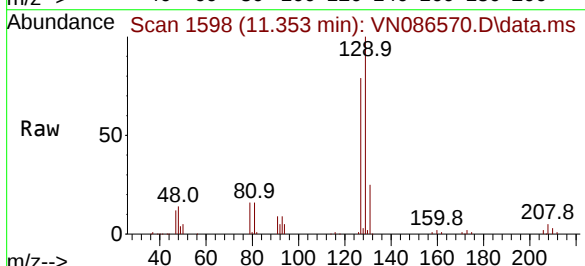
Acq: 12 May 2025 10:53

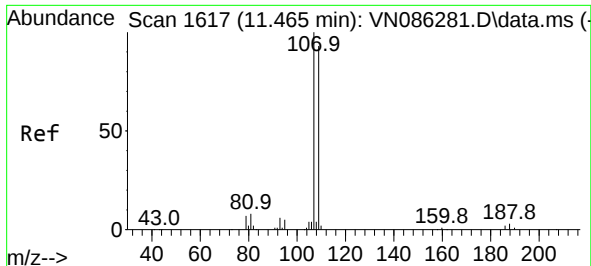
Tgt Ion: 129 Resp: 144507

Ion Ratio Lower Upper

129 100

127 77.9 38.7 116.1

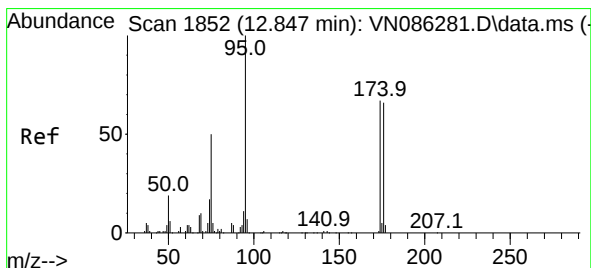
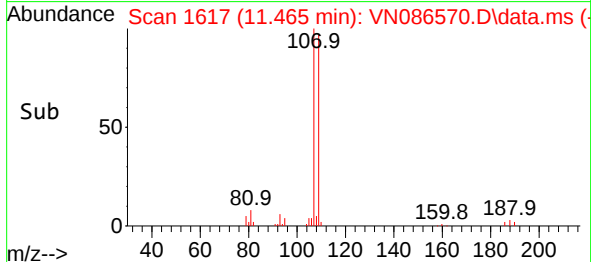
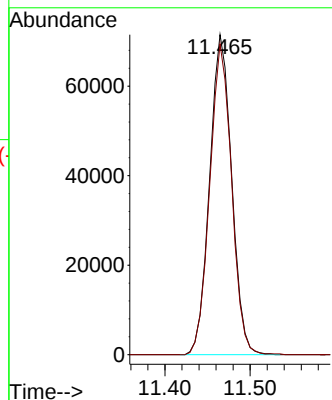
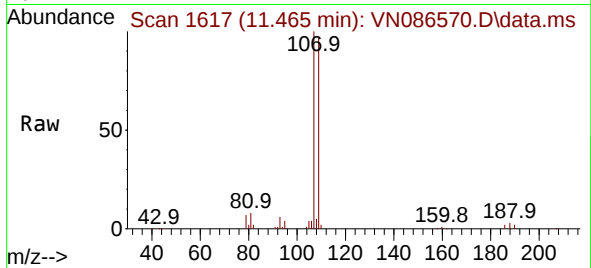




#61
1,2-Dibromoethane
Concen: 55.492 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086570.D
Acq: 12 May 2025 10:53

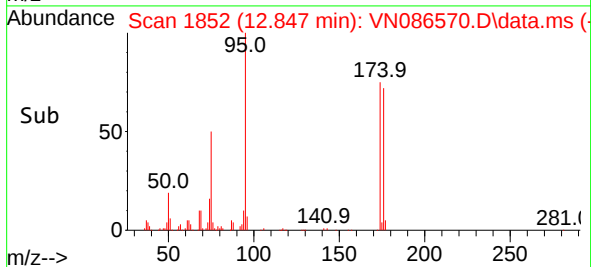
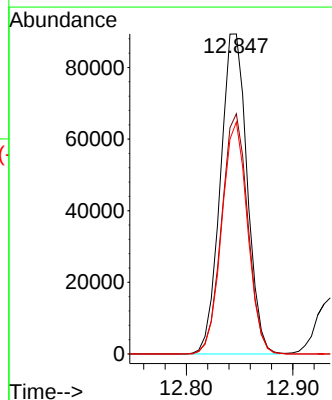
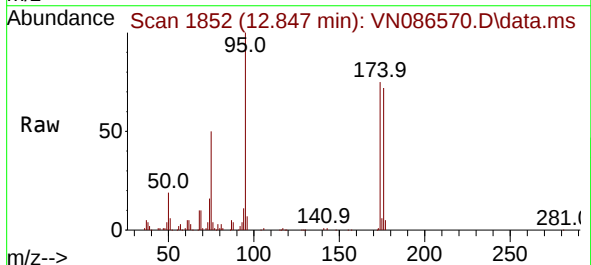
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

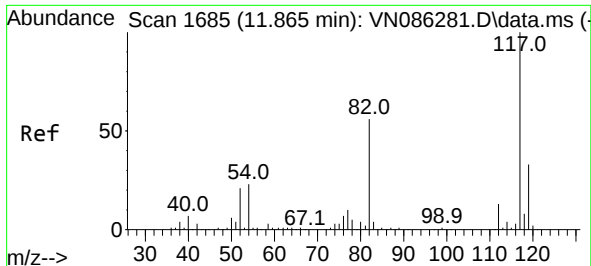
Tgt Ion:107 Resp: 128742
Ion Ratio Lower Upper
107 100
109 96.0 75.4 113.0



#62
4-Bromofluorobenzene
Concen: 49.909 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086570.D
Acq: 12 May 2025 10:53

Tgt Ion: 95 Resp: 155705
Ion Ratio Lower Upper
95 100
174 73.5 0.0 133.4
176 70.0 0.0 129.2

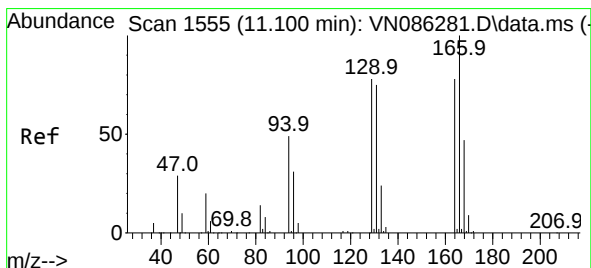
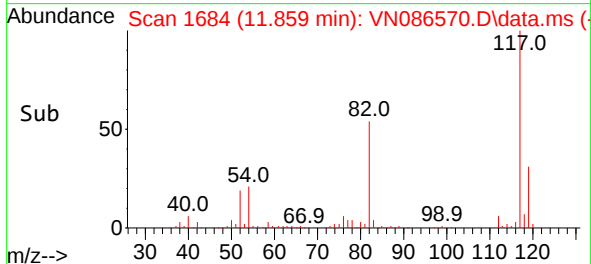
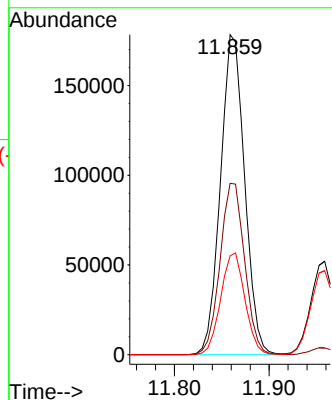
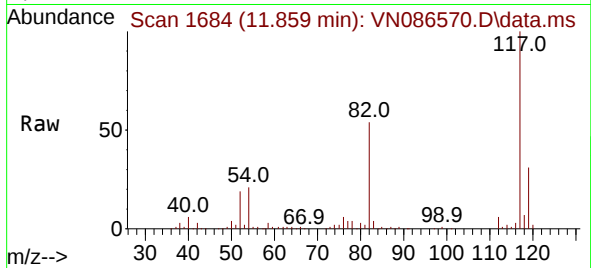




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN086570.D
Acq: 12 May 2025 10:53

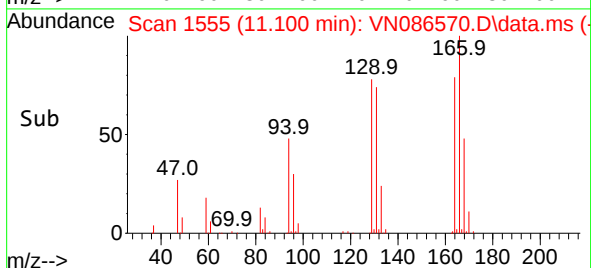
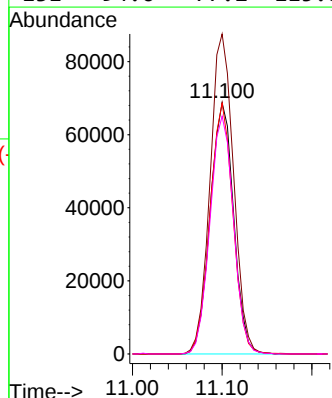
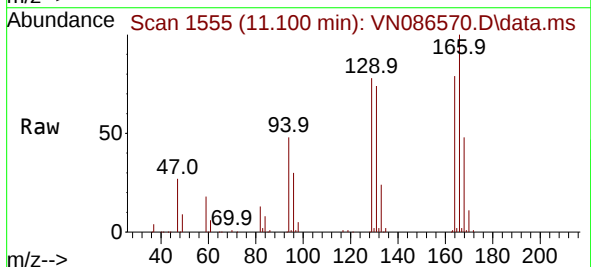
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

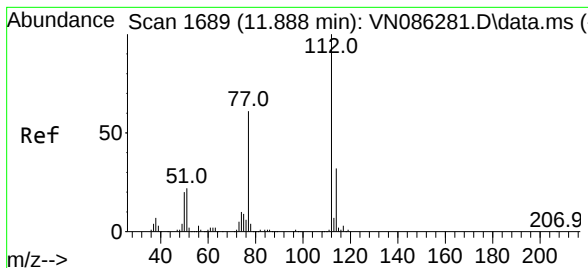
Tgt Ion:117 Resp: 316620
Ion Ratio Lower Upper
117 100
82 53.5 44.7 67.1
119 30.9 26.4 39.6



#64
Tetrachloroethene
Concen: 51.365 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086570.D
Acq: 12 May 2025 10:53

Tgt Ion:164 Resp: 125098
Ion Ratio Lower Upper
164 100
166 127.3 103.0 154.4
129 99.8 80.1 120.1
131 94.6 77.2 115.8

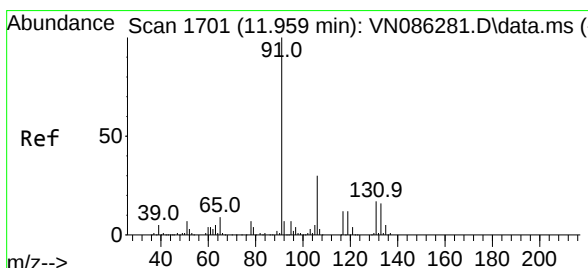
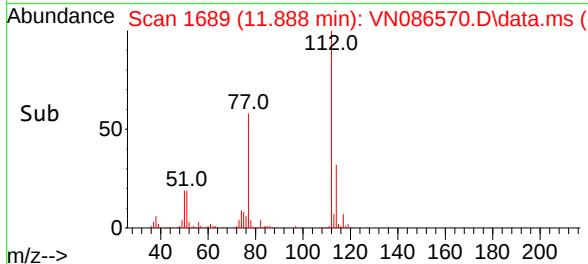
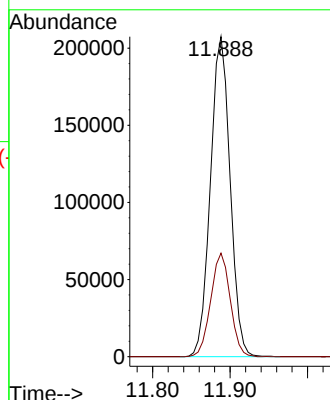
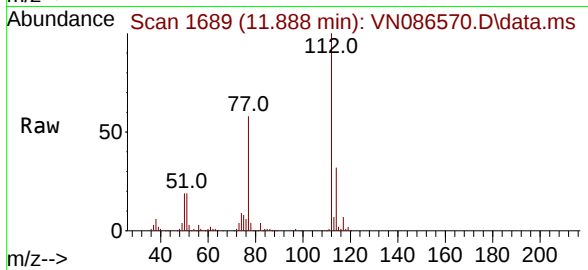




#65
Chlorobenzene
Concen: 51.869 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN086570.D
Acq: 12 May 2025 10:53

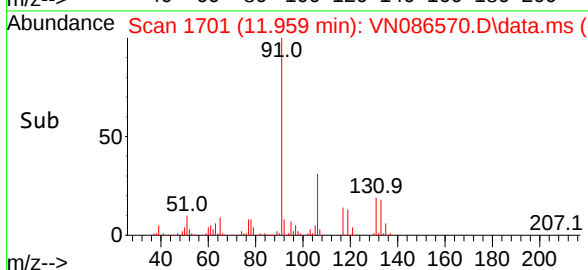
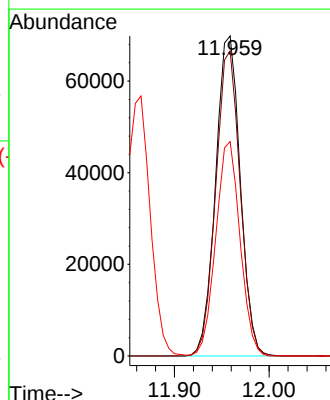
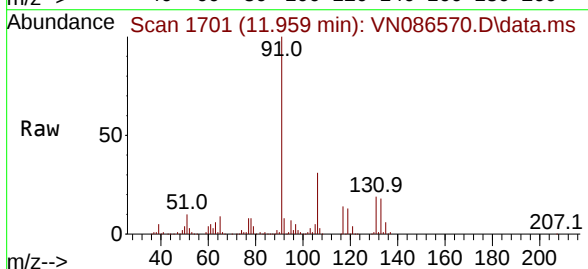
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

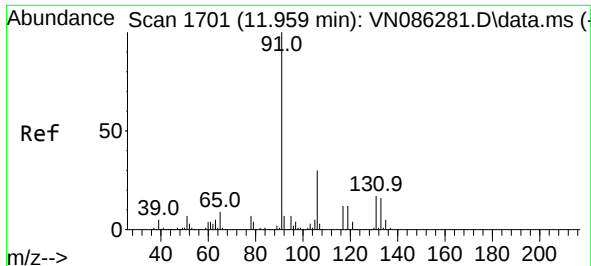
Tgt Ion:112 Resp: 366502
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 54.173 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086570.D
Acq: 12 May 2025 10:53

Tgt Ion:131 Resp: 126279
Ion Ratio Lower Upper
131 100
133 94.7 47.1 141.3
119 66.2 33.8 101.4





#67

Ethyl Benzene

Concen: 48.652 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VN086570.D

Acq: 12 May 2025 10:53

Instrument :

MSVOA_N

ClientSampleId :

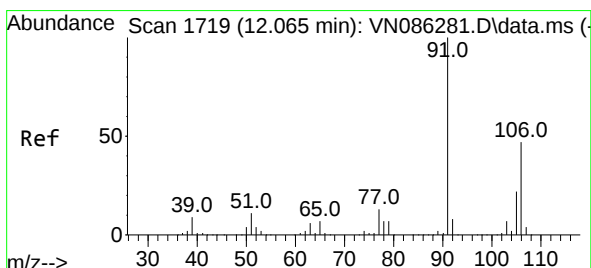
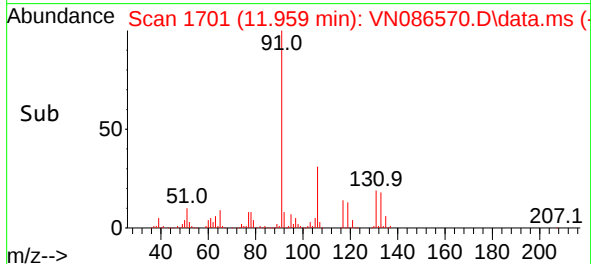
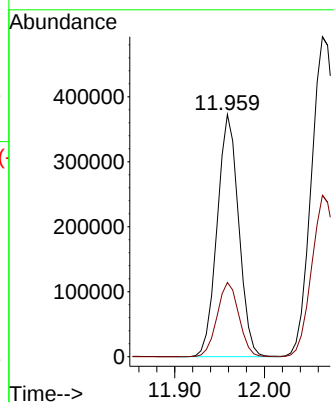
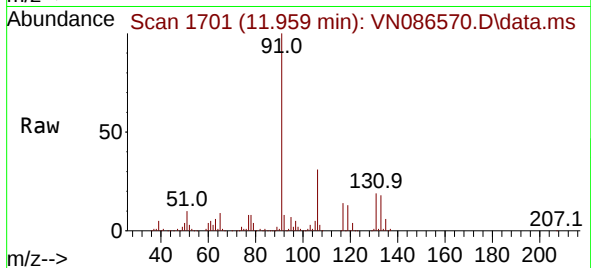
VSTDCCC050

Tgt Ion: 91 Resp: 620342

Ion Ratio Lower Upper

91 100

106 30.7 24.3 36.5



#68

m/p-Xylenes

Concen: 101.139 ug/l

RT: 12.065 min Scan# 1719

Delta R.T. -0.000 min

Lab File: VN086570.D

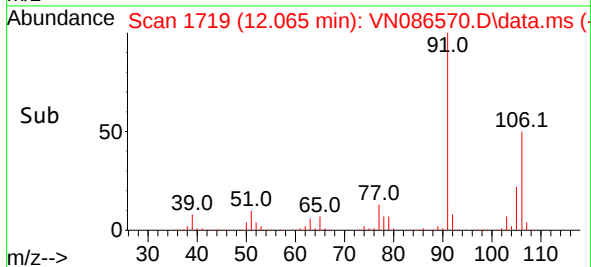
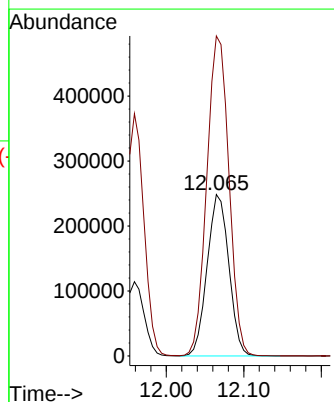
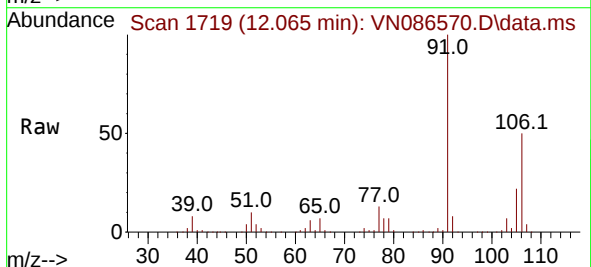
Acq: 12 May 2025 10:53

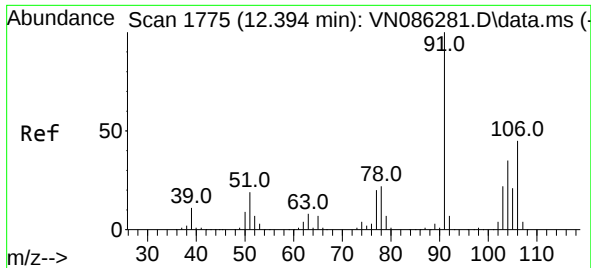
Tgt Ion:106 Resp: 483202

Ion Ratio Lower Upper

106 100

91 202.2 166.5 249.7

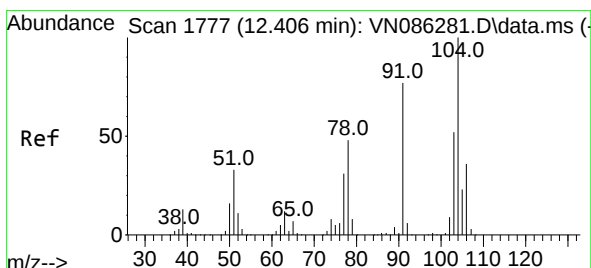
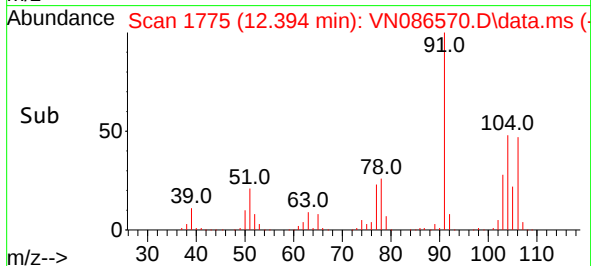
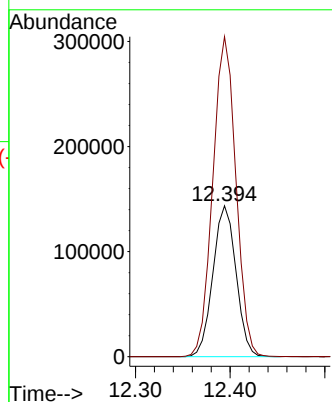
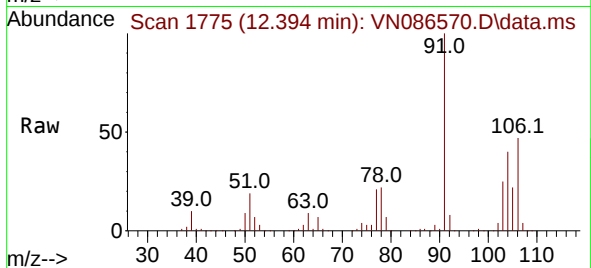




#69
o-Xylene
Concen: 51.521 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086570.D
Acq: 12 May 2025 10:53

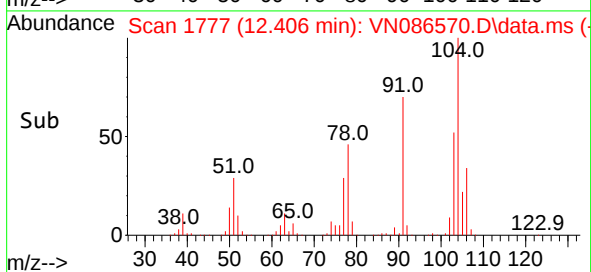
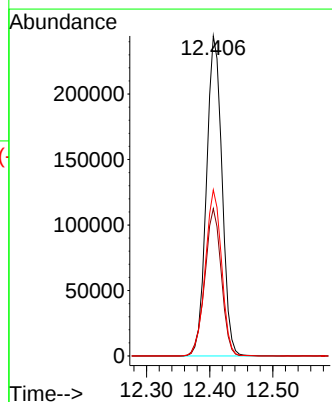
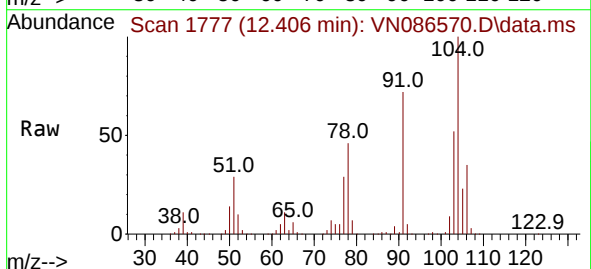
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

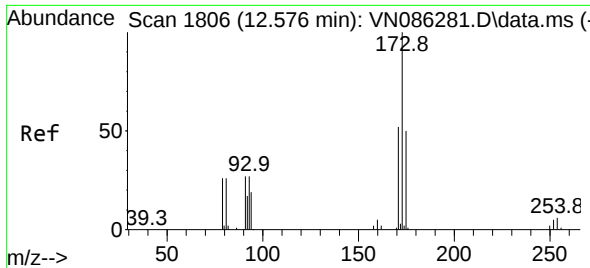
Tgt Ion:106 Resp: 243422
Ion Ratio Lower Upper
106 100
91 212.3 109.7 329.0



#70
Styrene
Concen: 53.113 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086570.D
Acq: 12 May 2025 10:53

Tgt Ion:104 Resp: 418126
Ion Ratio Lower Upper
104 100
78 48.7 40.6 61.0
103 54.2 43.6 65.4

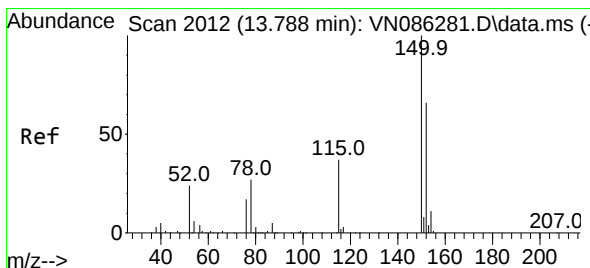
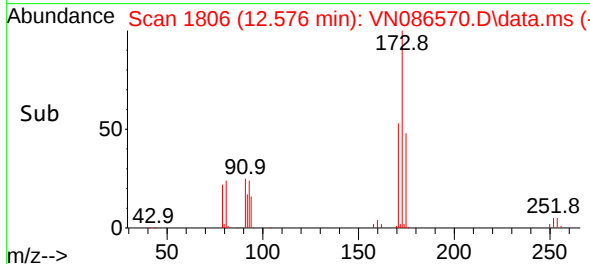
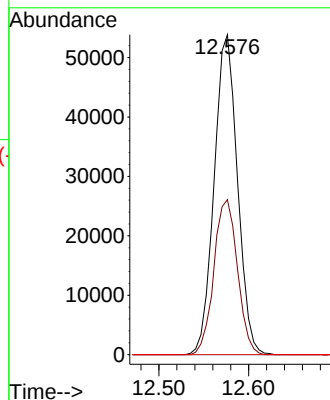
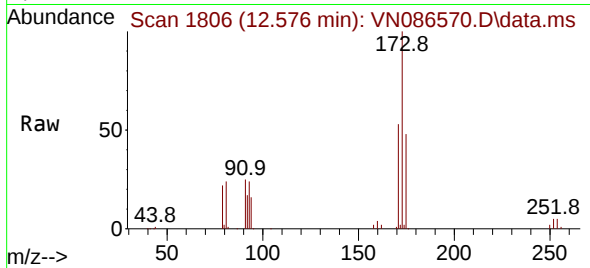




#71
Bromoform
Concen: 55.328 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086570.D
Acq: 12 May 2025 10:53

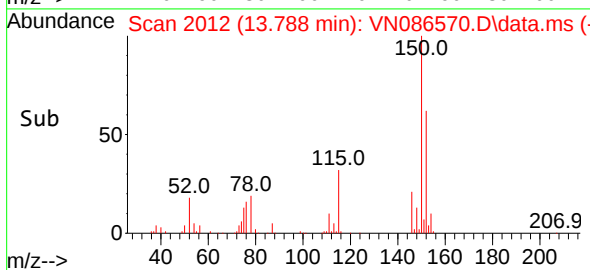
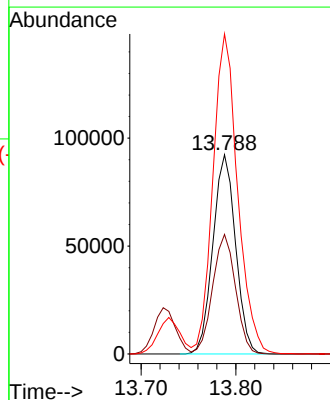
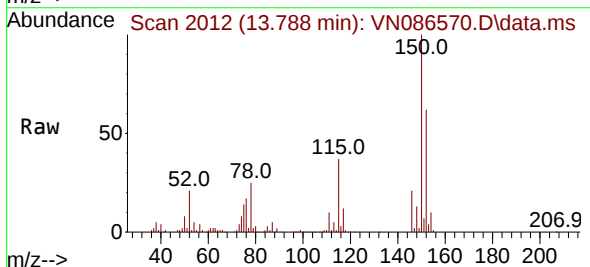
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

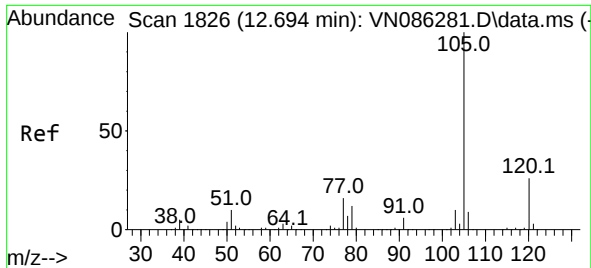
Tgt Ion:173 Resp: 97101
Ion Ratio Lower Upper
173 100
175 49.0 24.6 73.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086570.D
Acq: 12 May 2025 10:53

Tgt Ion:152 Resp: 153601
Ion Ratio Lower Upper
152 100
115 60.5 31.9 95.9
150 175.0 0.0 352.0

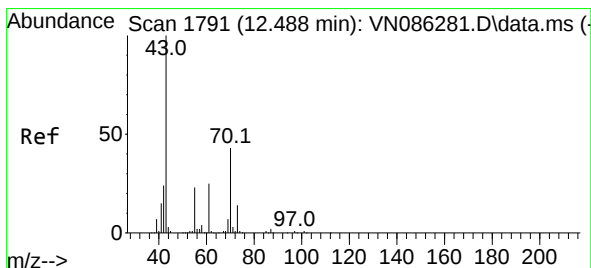
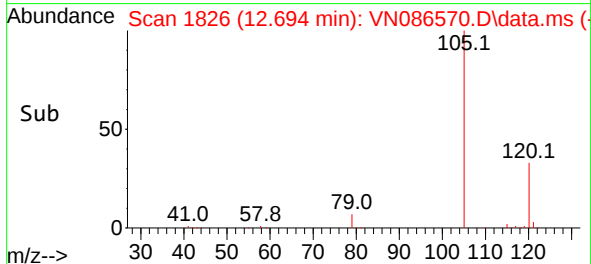
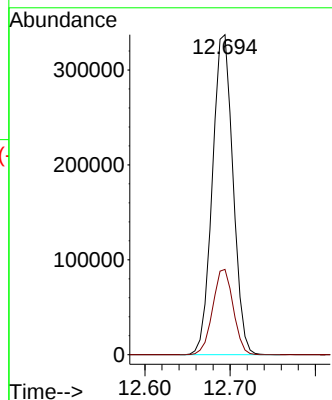
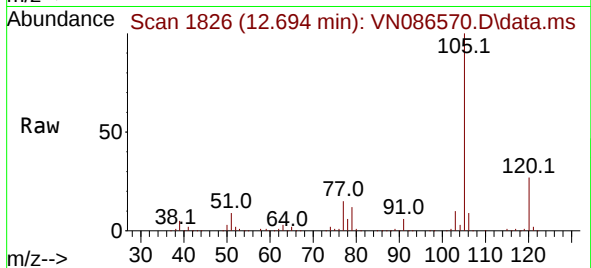




#73
Isopropylbenzene
Concen: 45.199 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086570.D
Acq: 12 May 2025 10:53

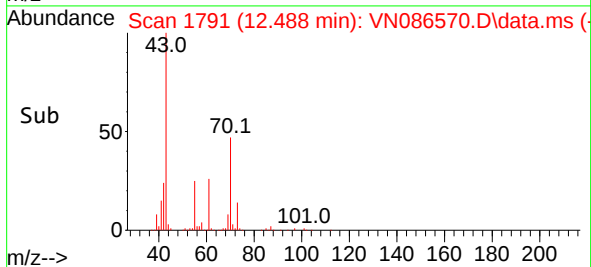
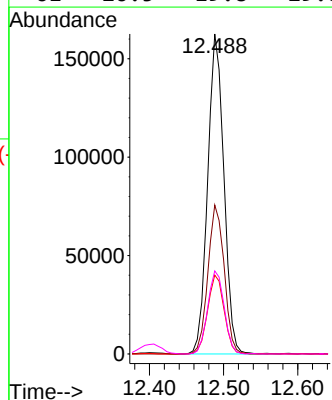
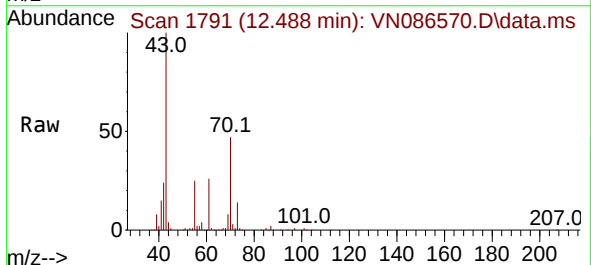
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

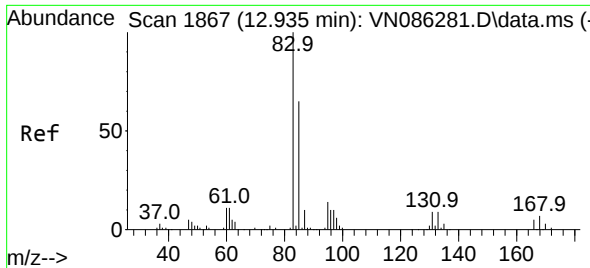
Tgt Ion:105 Resp: 567927
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.3



#74
N-ethyl acetate
Concen: 39.542 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VN086570.D
Acq: 12 May 2025 10:53

Tgt Ion: 43 Resp: 247341
Ion Ratio Lower Upper
43 100
70 46.8 35.0 52.4
55 25.2 19.0 28.4
61 26.5 19.8 29.8

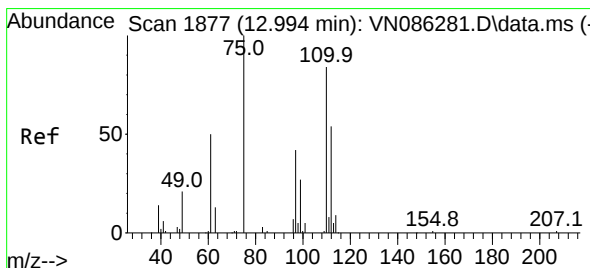
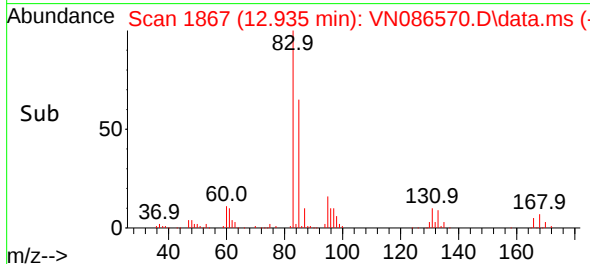
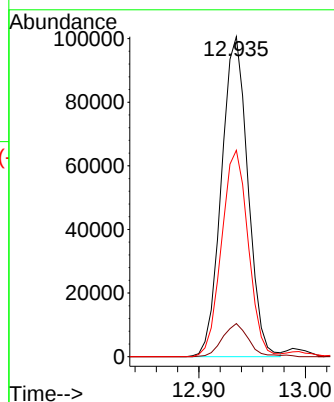
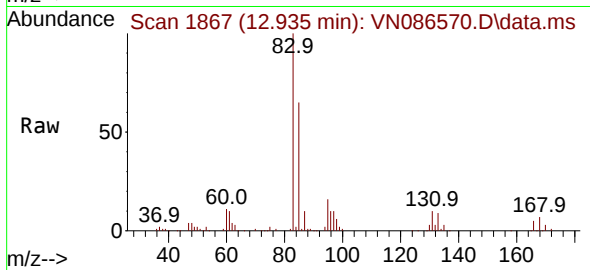




#75
1,1,2,2-Tetrachloroethane
Concen: 48.003 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086570.D
Acq: 12 May 2025 10:53

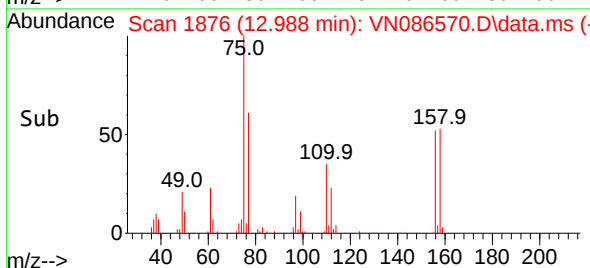
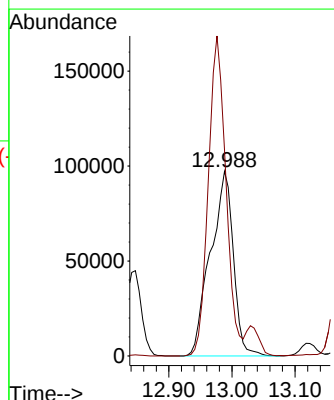
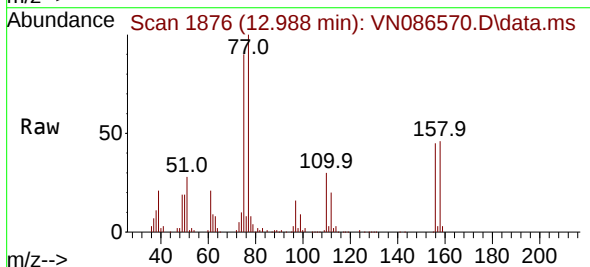
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

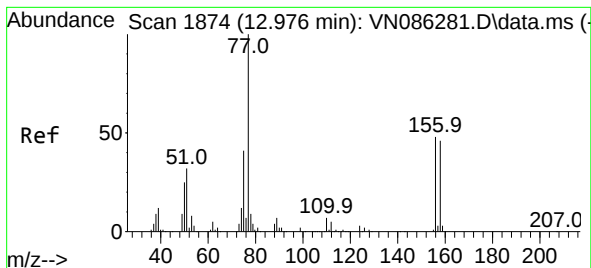
Tgt Ion: 83 Resp: 173423
Ion Ratio Lower Upper
83 100
131 10.3 4.7 14.1
85 65.0 32.7 98.1



#76
1,2,3-Trichloropropane
Concen: 67.529 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN086570.D
Acq: 12 May 2025 10:53

Tgt Ion: 75 Resp: 244777
Ion Ratio Lower Upper
75 100
77 134.2 98.8 296.4





#77

Bromobenzene

Concen: 52.743 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.000 min

Lab File: VN086570.D

Acq: 12 May 2025 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

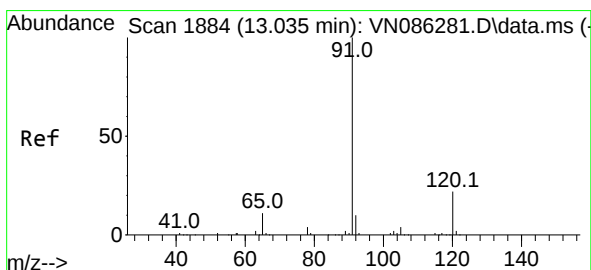
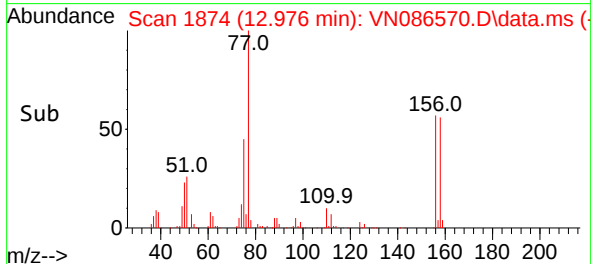
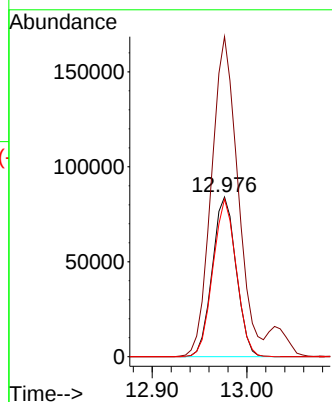
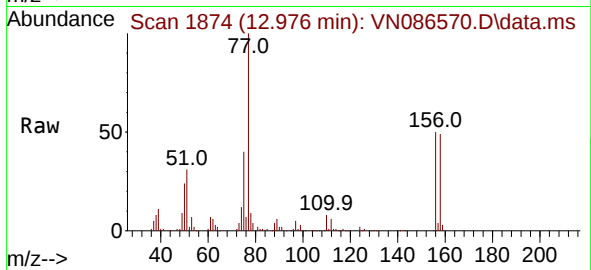
Tgt Ion:156 Resp: 146839

Ion Ratio Lower Upper

156 100

77 223.8 121.1 363.1

158 96.9 47.9 143.6



#78

n-propylbenzene

Concen: 45.180 ug/l

RT: 13.029 min Scan# 1883

Delta R.T. -0.006 min

Lab File: VN086570.D

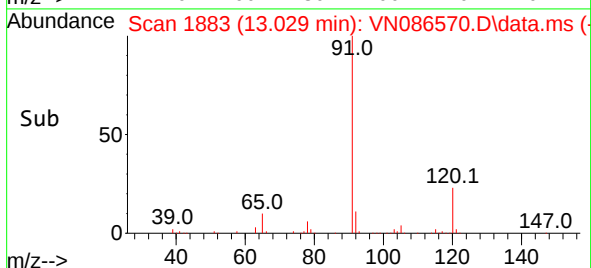
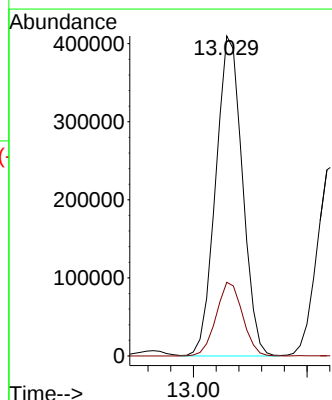
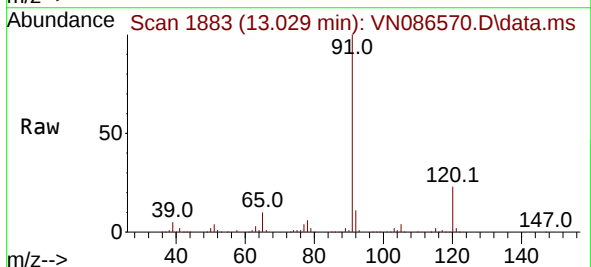
Acq: 12 May 2025 10:53

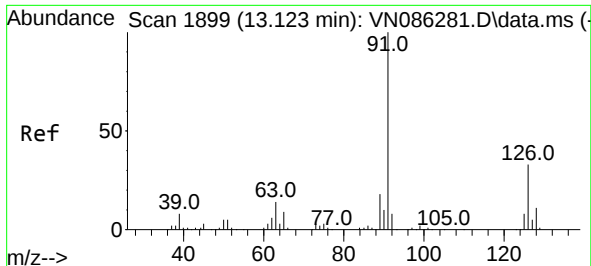
Tgt Ion: 91 Resp: 668941

Ion Ratio Lower Upper

91 100

120 22.7 11.1 33.3

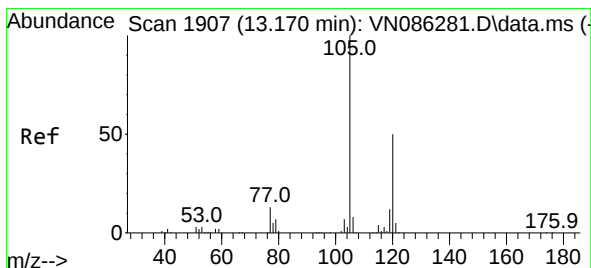
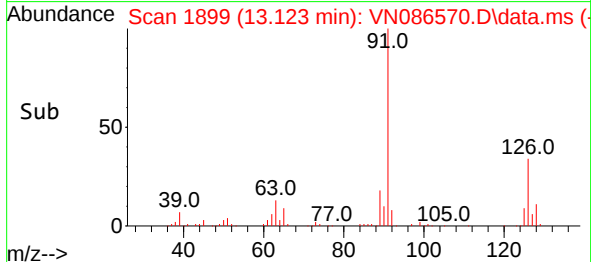
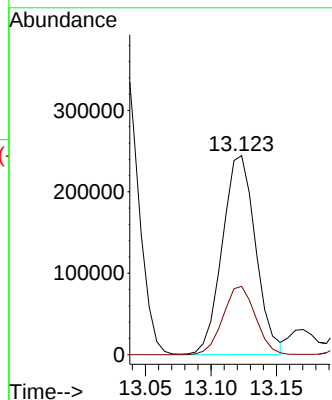
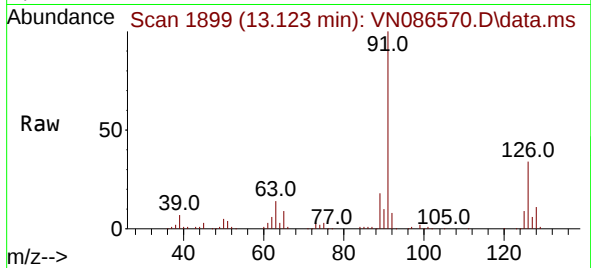




#79
2-Chlorotoluene
Concen: 46.687 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086570.D
Acq: 12 May 2025 10:53

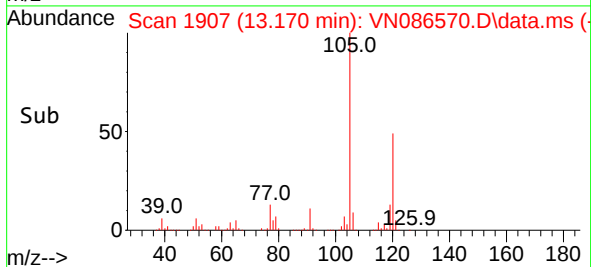
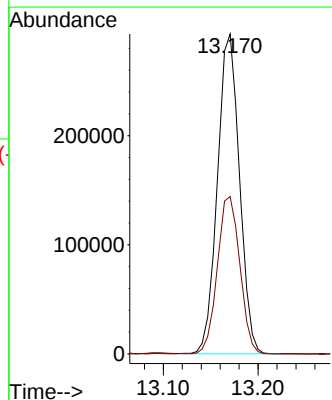
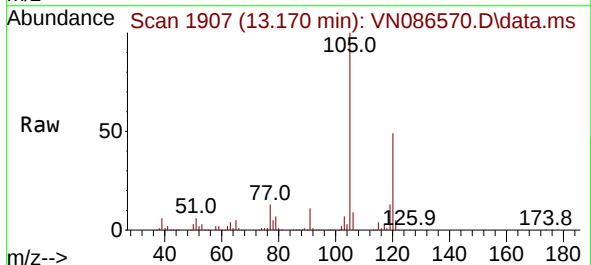
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

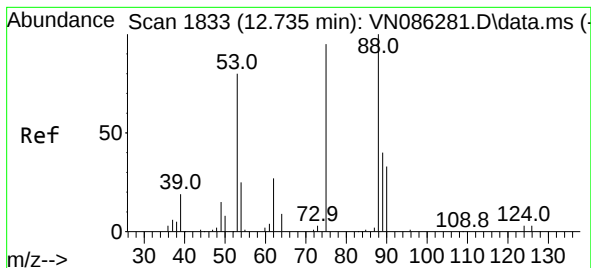
Tgt Ion: 91 Resp: 432545
Ion Ratio Lower Upper
91 100
126 33.6 16.1 48.2



#80
1,3,5-Trimethylbenzene
Concen: 45.972 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086570.D
Acq: 12 May 2025 10:53

Tgt Ion: 105 Resp: 472779
Ion Ratio Lower Upper
105 100
120 50.5 24.5 73.5

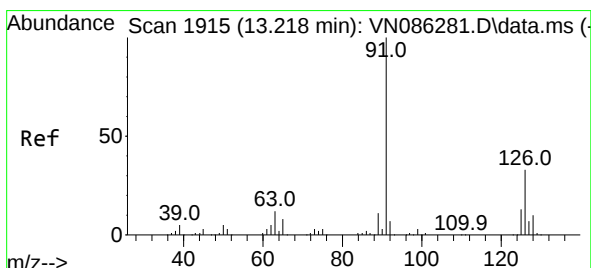
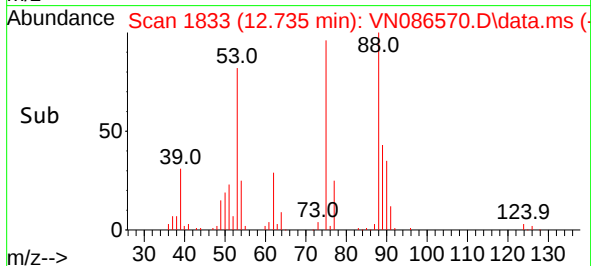
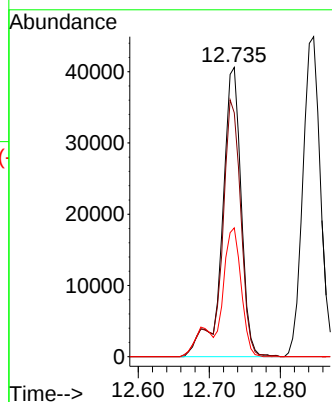
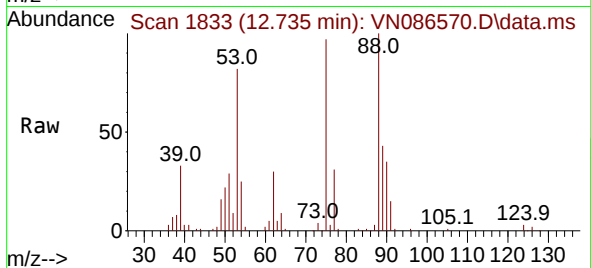




#81
trans-1,4-Dichloro-2-butene
Concen: 49.832 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086570.D
Acq: 12 May 2025 10:53

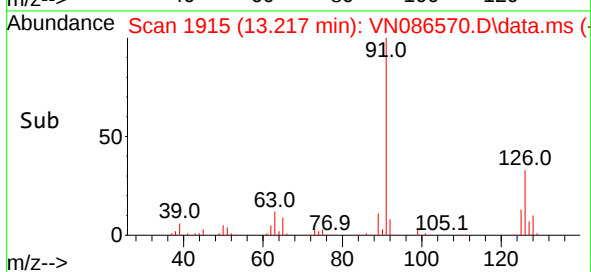
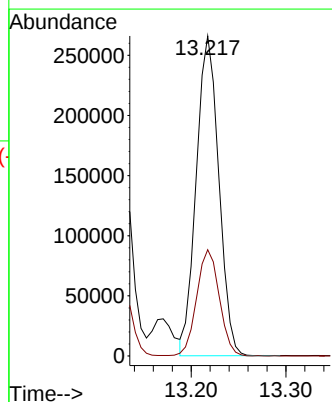
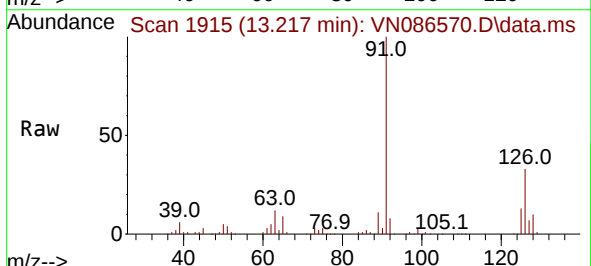
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

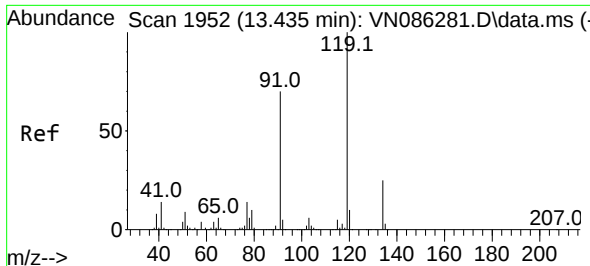
Tgt Ion: 75 Resp: 75211
Ion Ratio Lower Upper
75 100
53 89.4 79.2 118.8
89 40.9 35.7 53.5



#82
4-Chlorotoluene
Concen: 47.704 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086570.D
Acq: 12 May 2025 10:53

Tgt Ion: 91 Resp: 439039
Ion Ratio Lower Upper
91 100
126 33.4 16.2 48.6

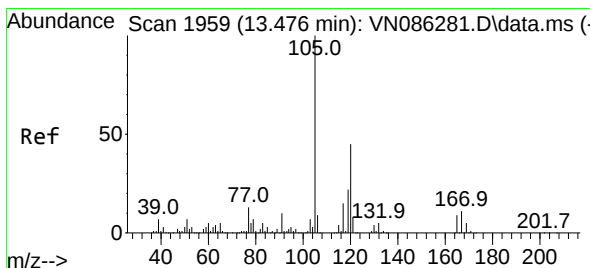
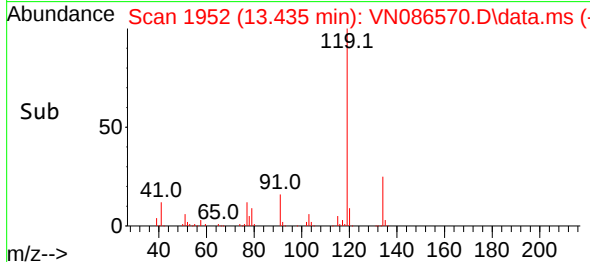
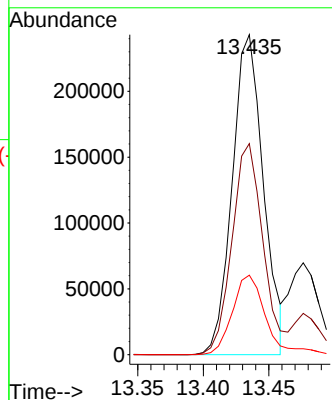
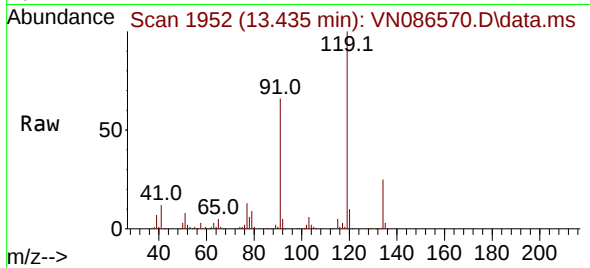




#83
 tert-Butylbenzene
 Concen: 45.094 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. -0.000 min
 Lab File: VN086570.D
 Acq: 12 May 2025 10:53

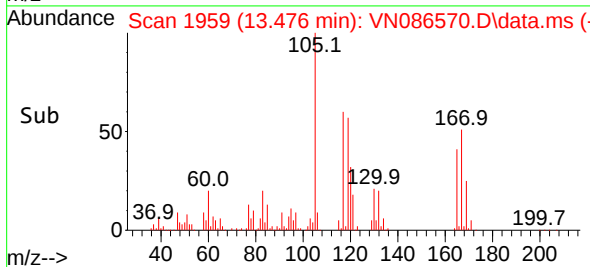
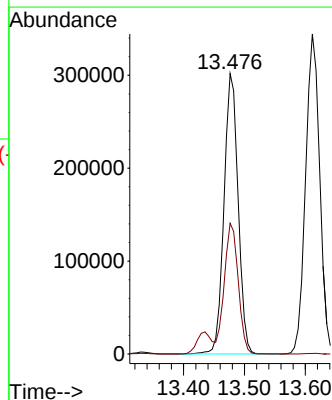
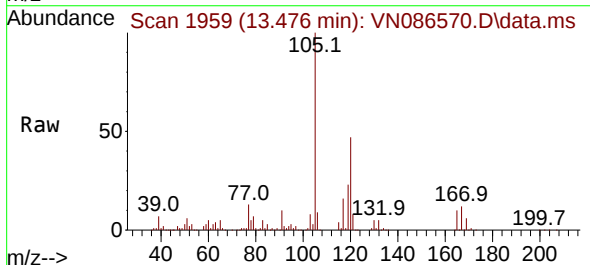
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

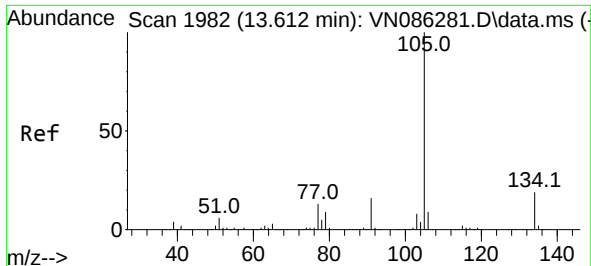
Tgt Ion:119 Resp: 401825
 Ion Ratio Lower Upper
 119 100
 91 66.3 34.4 103.3
 134 26.7 13.0 39.0



#84
 1,2,4-Trimethylbenzene
 Concen: 46.443 ug/l
 RT: 13.476 min Scan# 1959
 Delta R.T. -0.000 min
 Lab File: VN086570.D
 Acq: 12 May 2025 10:53

Tgt Ion:105 Resp: 486176
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.4 67.3

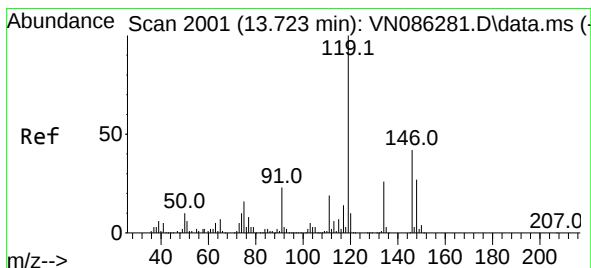
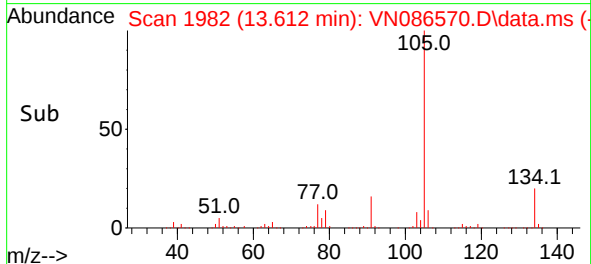
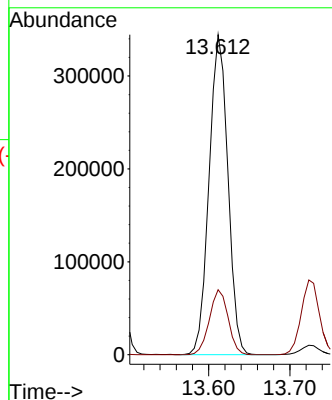
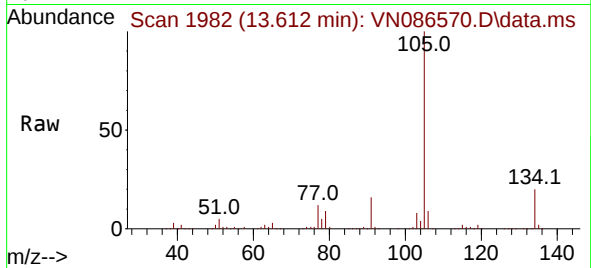




#85
 sec-Butylbenzene
 Concen: 44.809 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086570.D
 Acq: 12 May 2025 10:53

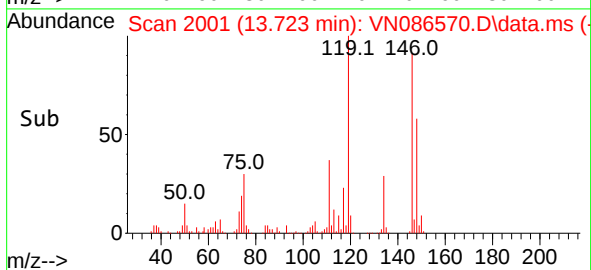
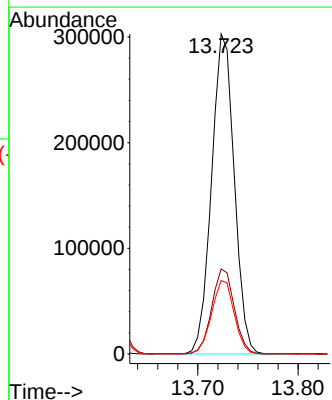
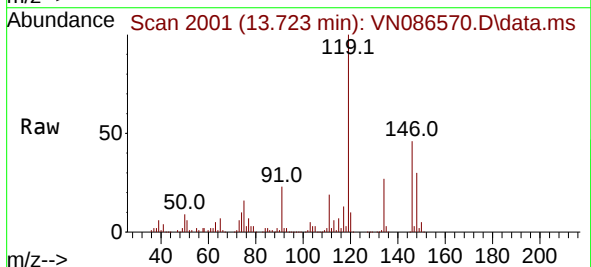
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 553838
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 46.602 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086570.D
 Acq: 12 May 2025 10:53

Tgt Ion:119 Resp: 474767
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.1 39.1
 91 22.8 11.9 35.9

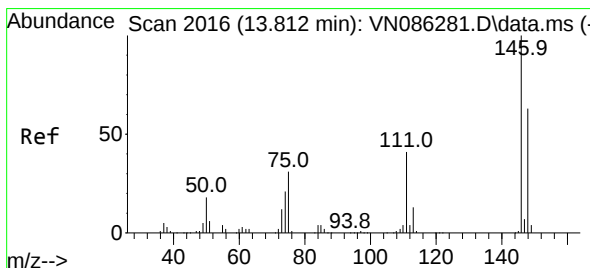
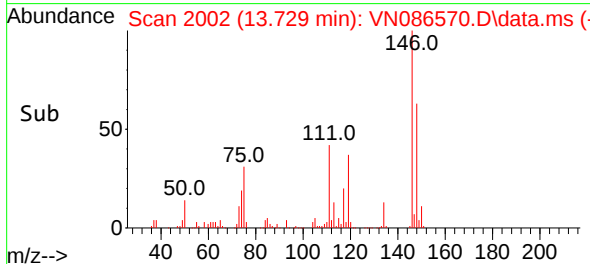
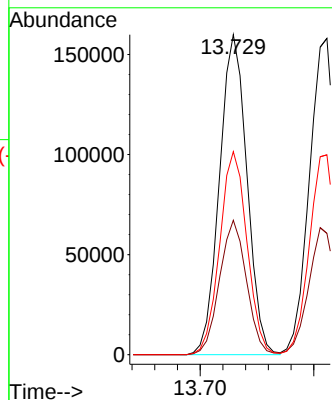
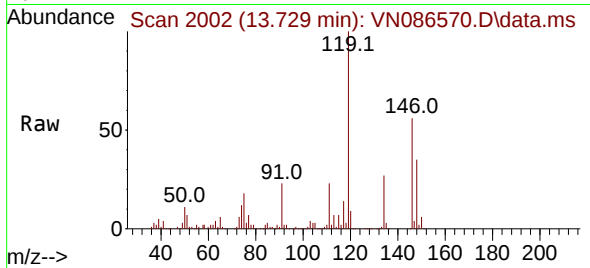




#87
 1,3-Dichlorobenzene
 Concen: 51.371 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086570.D
 Acq: 12 May 2025 10:53

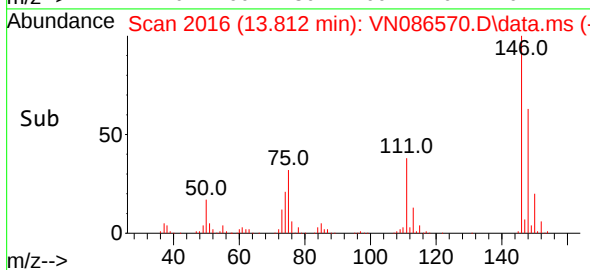
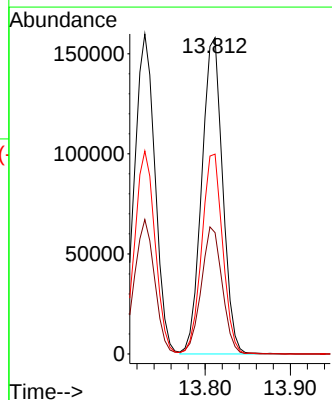
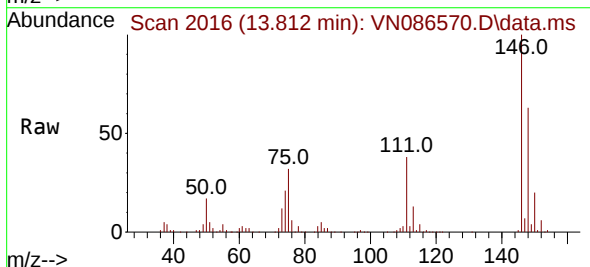
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:146 Resp: 268857
 Ion Ratio Lower Upper
 146 100
 111 41.2 21.9 65.7
 148 63.2 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 51.030 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN086570.D
 Acq: 12 May 2025 10:53

Tgt Ion:146 Resp: 268997
 Ion Ratio Lower Upper
 146 100
 111 39.7 21.3 63.9
 148 63.2 31.9 95.9

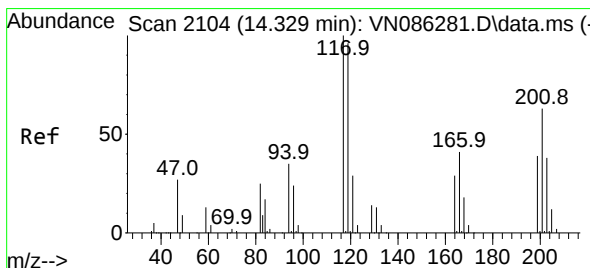
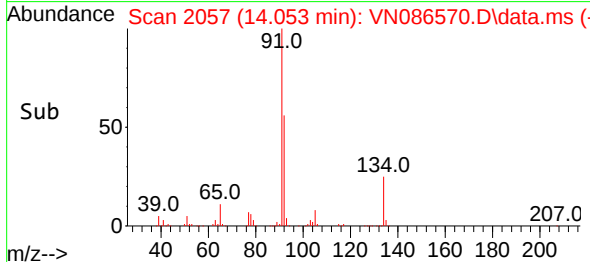
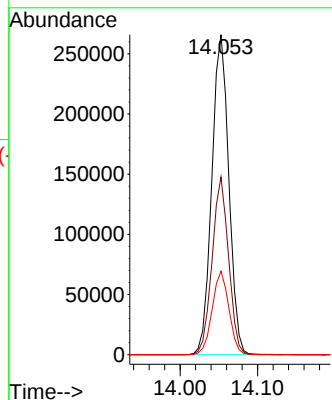
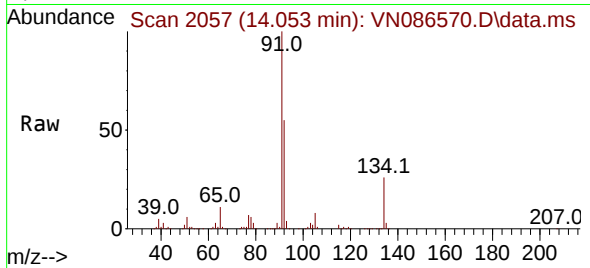




#89
n-Butylbenzene
Concen: 44.889 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086570.D
Acq: 12 May 2025 10:53

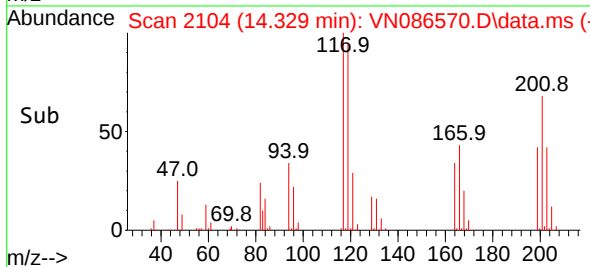
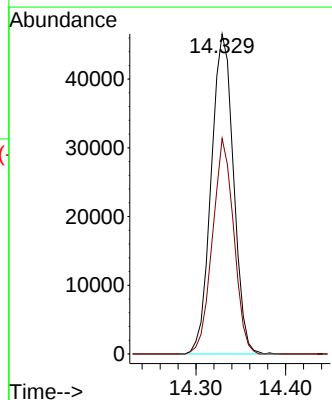
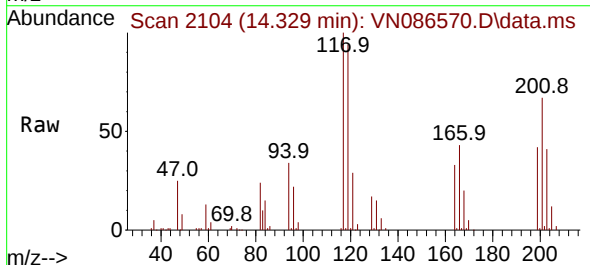
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

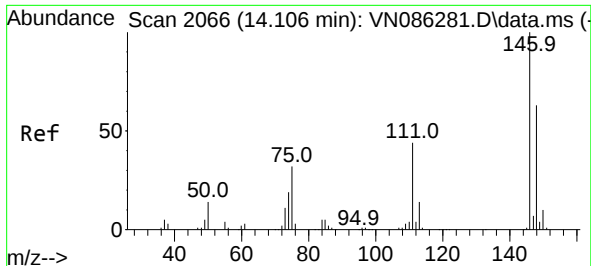
Tgt Ion: 91 Resp: 405352
Ion Ratio Lower Upper
91 100
92 53.7 26.8 80.4
134 25.6 12.2 36.6



#90
Hexachloroethane
Concen: 46.900 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086570.D
Acq: 12 May 2025 10:53

Tgt Ion: 117 Resp: 80369
Ion Ratio Lower Upper
117 100
201 64.4 31.4 94.2

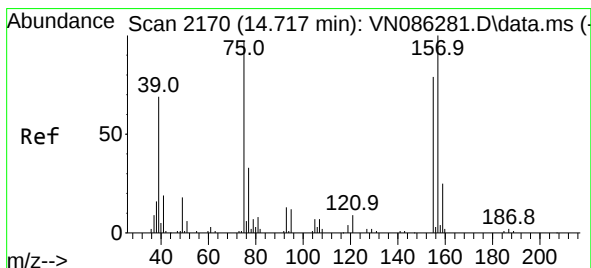
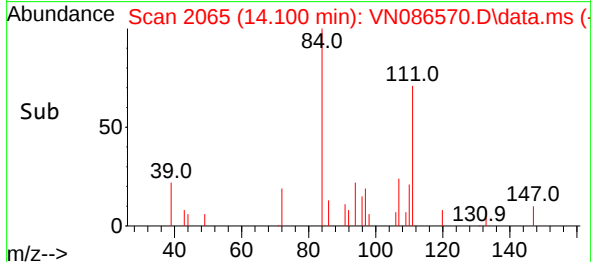
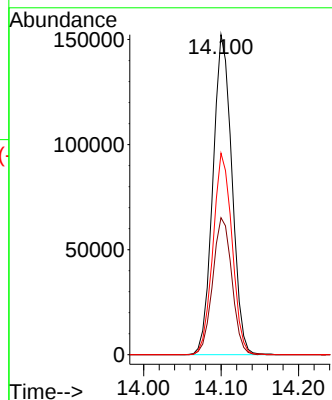
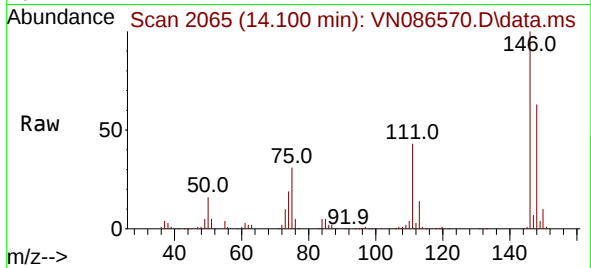




#91
1,2-Dichlorobenzene
Concen: 51.157 ug/l
RT: 14.100 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN086570.D
Acq: 12 May 2025 10:53

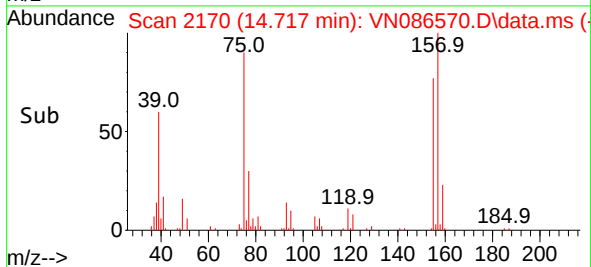
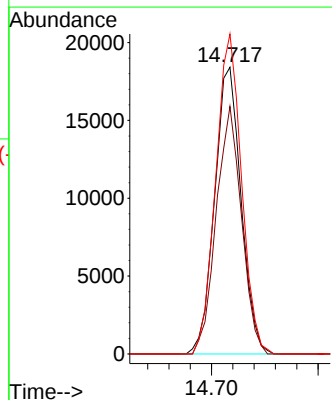
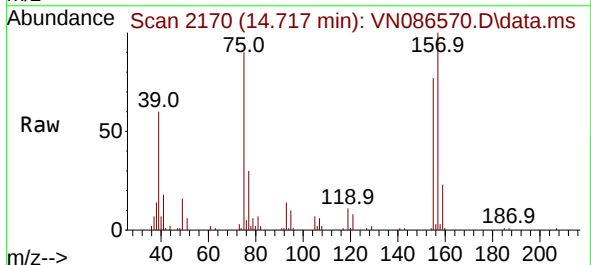
Instrument :
MSVOA_N
ClientSampleId :
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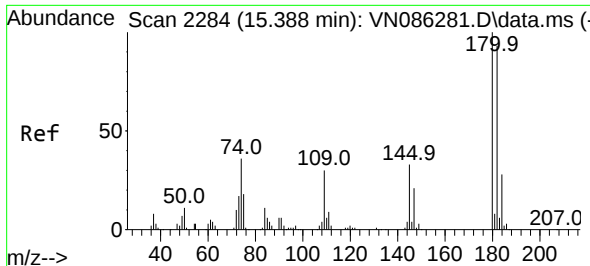
Tgt Ion:146 Resp: 259577
Ion Ratio Lower Upper
146 100
111 43.1 22.4 67.0
148 63.0 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 43.565 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086570.D
Acq: 12 May 2025 10:53

Tgt Ion: 75 Resp: 31735
Ion Ratio Lower Upper
75 100
155 82.6 40.3 120.9
157 108.7 49.0 147.2

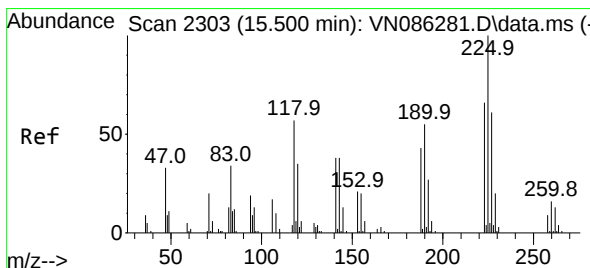
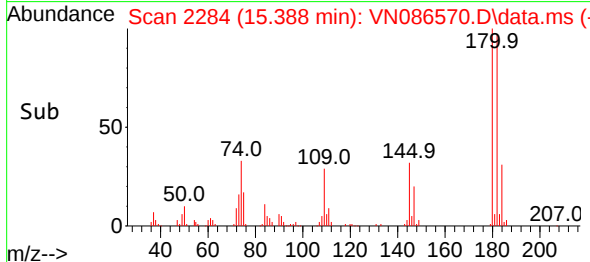
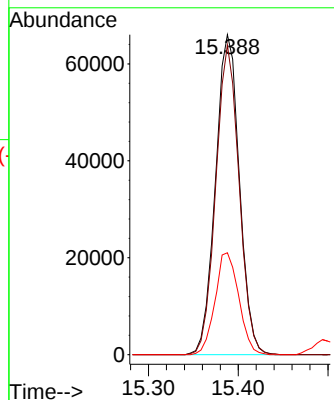
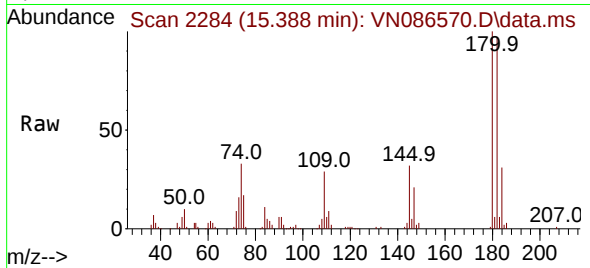




#93
1,2,4-Trichlorobenzene
Concen: 50.205 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086570.D
Acq: 12 May 2025 10:53

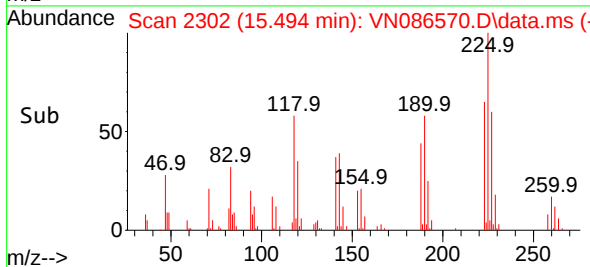
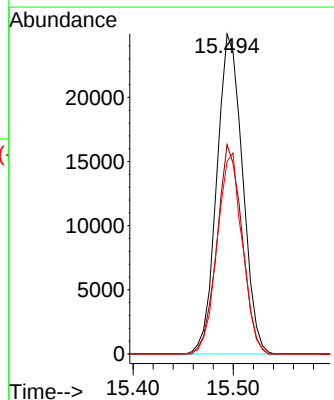
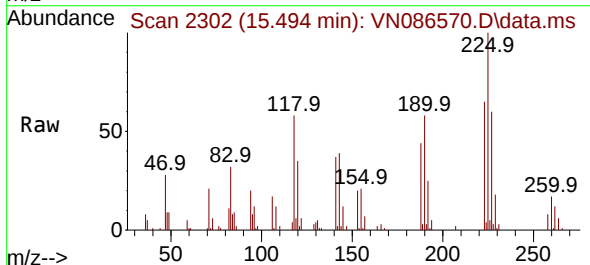
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

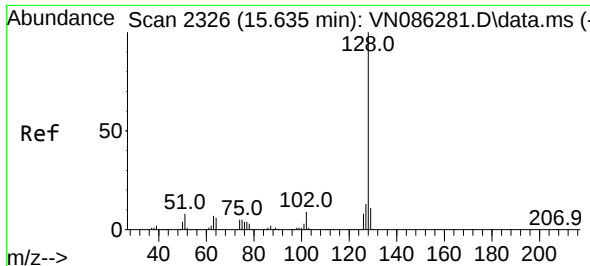
Tgt Ion:180 Resp: 121982
Ion Ratio Lower Upper
180 100
182 94.3 47.0 141.0
145 31.6 16.4 49.1



#94
Hexachlorobutadiene
Concen: 48.515 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN086570.D
Acq: 12 May 2025 10:53

Tgt Ion:225 Resp: 44497
Ion Ratio Lower Upper
225 100
223 63.7 32.8 98.3
227 61.5 31.4 94.0

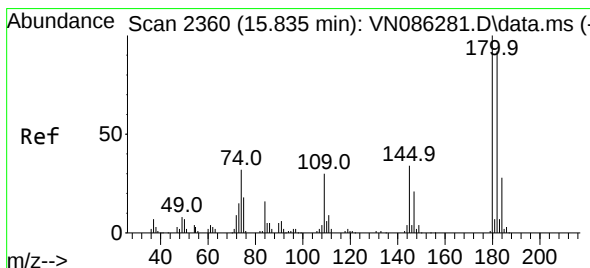
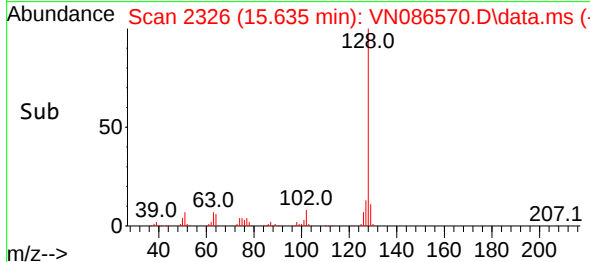
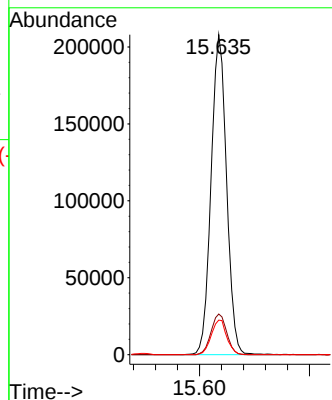
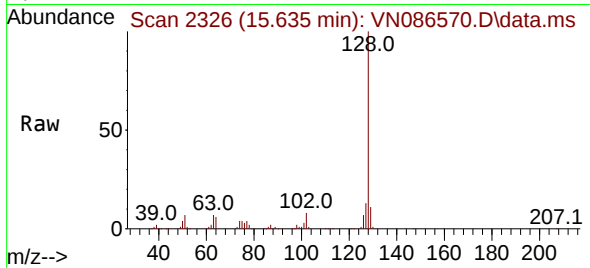




#95
Naphthalene
Concen: 47.139 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086570.D
Acq: 12 May 2025 10:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 406001
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 50.415 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086570.D
Acq: 12 May 2025 10:53

Tgt Ion:180 Resp: 115970
Ion Ratio Lower Upper
180 100
182 94.4 47.3 142.0
145 33.5 17.2 51.5

