

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051525\
 Data File : VN086659.D
 Acq On : 15 May 2025 20:50
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: May 16 05:35:13 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	201107	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	360980	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	326186	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	149901	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	128138	43.940	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.880%
35) Dibromofluoromethane	8.165	113	103434	61.739	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	123.480%
50) Toluene-d8	10.565	98	413564	46.188	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.380%
62) 4-Bromofluorobenzene	12.847	95	154182	47.210	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.420%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	129660	54.388	ug/l	100
3) Chloromethane	2.359	50	162116	46.790	ug/l	99
4) Vinyl Chloride	2.512	62	158705	48.001	ug/l	99
5) Bromomethane	2.942	94	84857	57.058	ug/l	99
6) Chloroethane	3.112	64	101123	45.699	ug/l	96
7) Trichlorofluoromethane	3.495	101	193056	52.713	ug/l	97
8) Diethyl Ether	3.959	74	77162	48.261	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.365	101	116112	52.408	ug/l	98
10) Methyl Iodide	4.589	142	136115	55.881	ug/l	98
11) Tert butyl alcohol	5.518	59	124611	234.191	ug/l	99
12) 1,1-Dichloroethene	4.342	96	118963	50.259	ug/l	95
13) Acrolein	4.177	56	82381	337.297	ug/l	95
14) Allyl chloride	5.018	41	172766	41.059	ug/l	98
15) Acrylonitrile	5.712	53	325072	247.137	ug/l	99
16) Acetone	4.424	43	260047	258.100	ug/l	99
17) Carbon Disulfide	4.712	76	317766	44.835	ug/l	98
18) Methyl Acetate	5.018	43	153689	43.904	ug/l	97
19) Methyl tert-butyl Ether	5.789	73	419261	48.186	ug/l	100
20) Methylene Chloride	5.271	84	137861	51.136	ug/l	94
21) trans-1,2-Dichloroethene	5.783	96	124435	50.284	ug/l	93
22) Diisopropyl ether	6.671	45	417314	45.591	ug/l	96
23) Vinyl Acetate	6.600	43	1534614	239.829	ug/l	96
24) 1,1-Dichloroethane	6.565	63	237314	49.137	ug/l	99
25) 2-Butanone	7.477	43	421112	231.991	ug/l	96
26) 2,2-Dichloropropane	7.488	77	176487	40.813	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	154677	50.360	ug/l	94
28) Bromochloromethane	7.812	49	82908	40.486	ug/l	89
29) Tetrahydrofuran	7.835	42	278431	229.381	ug/l	96
30) Chloroform	7.959	83	240886	50.773	ug/l	100
31) Cyclohexane	8.253	56	201535	42.644	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	205251	50.572	ug/l	98
36) 1,1-Dichloropropene	8.371	75	171686	51.307	ug/l	99
37) Ethyl Acetate	7.559	43	167808	47.633	ug/l	99
38) Carbon Tetrachloride	8.359	117	174717	54.827	ug/l	98
39) Methylcyclohexane	9.594	83	185615	46.668	ug/l	98
40) Benzene	8.600	78	555120	51.778	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	92817	45.459	ug/l	94
42) 1,2-Dichloroethane	8.665	62	173517	50.752	ug/l	99
43) Isopropyl Acetate	8.682	43	324704	51.631	ug/l	99
44) Trichloroethene	9.347	130	133363	52.482	ug/l	99
45) 1,2-Dichloropropane	9.618	63	134458	51.234	ug/l	96
46) Dibromomethane	9.706	93	90545	54.150	ug/l	95
47) Bromodichloromethane	9.882	83	190365	52.711	ug/l	99
48) Methyl methacrylate	9.677	41	138445	44.750	ug/l	95
49) 1,4-Dioxane	9.694	88	53749	1021.386	ug/l	96
51) 4-Methyl-2-Pentanone	10.441	43	875599	242.717	ug/l	97
52) Toluene	10.629	92	355048	53.073	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	204210	50.655	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	215682	48.710	ug/l	94
55) 1,1,2-Trichloroethane	11.012	97	130125	54.063	ug/l	98
56) Ethyl methacrylate	10.871	69	224635	50.773	ug/l	94
57) 1,3-Dichloropropane	11.159	76	226557	53.053	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	431192	205.339	ug/l	97
59) 2-Hexanone	11.194	43	646521	241.619	ug/l	96
60) Dibromochloromethane	11.359	129	144658	54.732	ug/l	99
61) 1,2-Dibromoethane	11.465	107	133006	54.766	ug/l	100
64) Tetrachloroethene	11.100	164	125987	50.213	ug/l	98
65) Chlorobenzene	11.888	112	391835	53.828	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	129613	53.973	ug/l	100
67) Ethyl Benzene	11.959	91	679502	51.729	ug/l	100
68) m/p-Xylenes	12.065	106	521715	105.998	ug/l	96
69) o-Xylene	12.394	106	256426	52.681	ug/l	97
70) Styrene	12.406	104	433616	53.465	ug/l	98
71) Bromoform	12.576	173	95888	53.034	ug/l #	100
73) Isopropylbenzene	12.694	105	617843	50.386	ug/l	99
74) N-amyl acetate	12.488	43	267145	43.762	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	189145	53.647	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	251360	71.057	ug/l	58
77) Bromobenzene	12.976	156	149151	54.896	ug/l	93
78) n-propylbenzene	13.029	91	716570	49.592	ug/l	99
79) 2-Chlorotoluene	13.123	91	454764	50.297	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	499261	49.746	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	75695	51.391	ug/l	84
82) 4-Chlorotoluene	13.217	91	449362	50.031	ug/l	98
83) tert-Butylbenzene	13.435	119	422550	48.590	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	506427	49.572	ug/l	99
85) sec-Butylbenzene	13.612	105	585221	48.517	ug/l	98
86) p-Isopropyltoluene	13.723	119	491583	49.443	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	263201	51.532	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	265395	51.589	ug/l	97
89) n-Butylbenzene	14.053	91	413606	46.933	ug/l	99
90) Hexachloroethane	14.329	117	85173	50.930	ug/l	99
91) 1,2-Dichlorobenzene	14.100	146	255347	51.566	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	33639	47.318	ug/l	92
93) 1,2,4-Trichlorobenzene	15.388	180	114875	48.446	ug/l	98
94) Hexachlorobutadiene	15.494	225	42435	47.409	ug/l	99
95) Naphthalene	15.635	128	407486	48.479	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	111645	49.733	ug/l	100

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QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

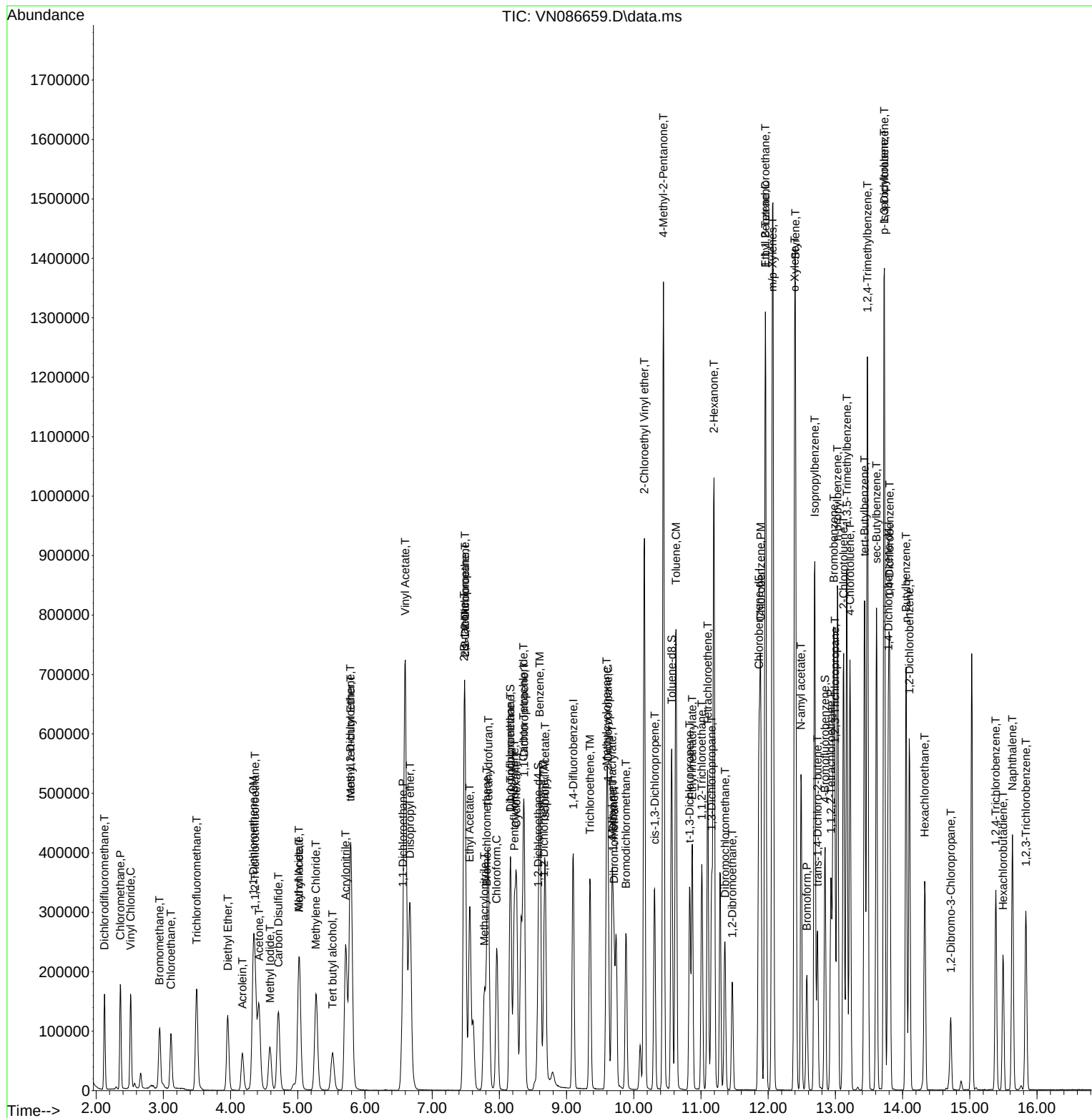
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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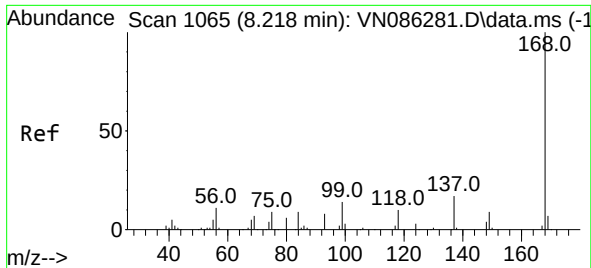
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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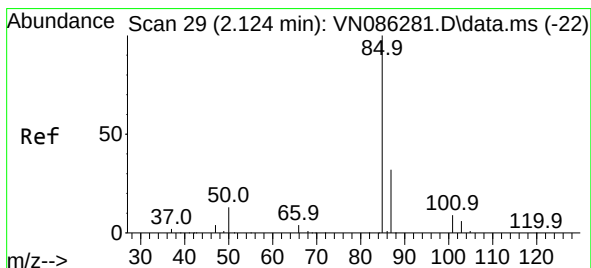
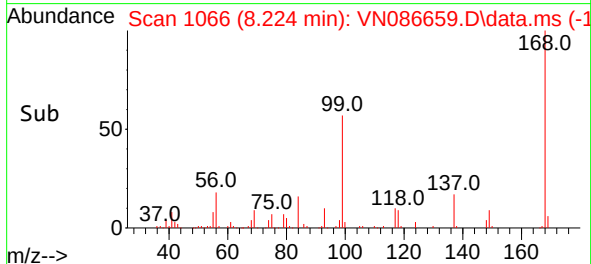
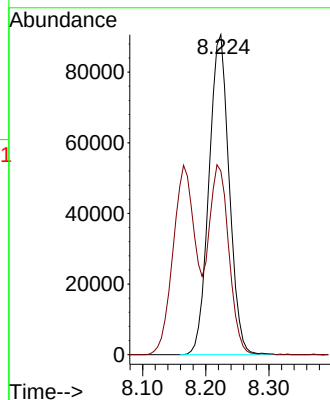
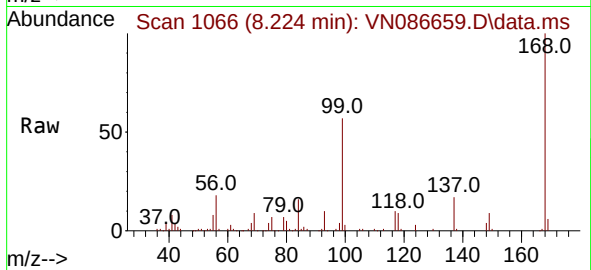




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN086659.D
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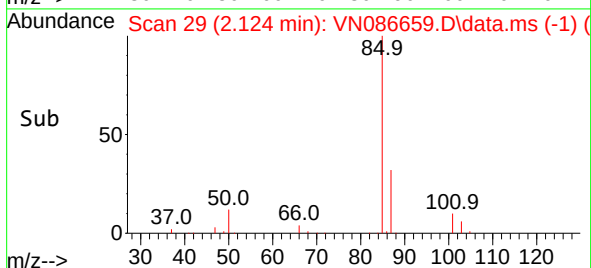
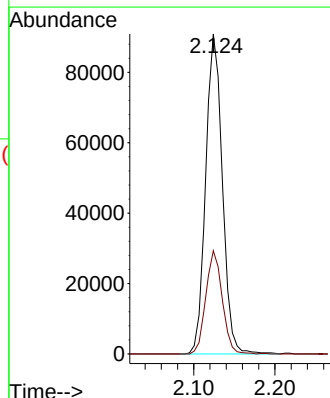
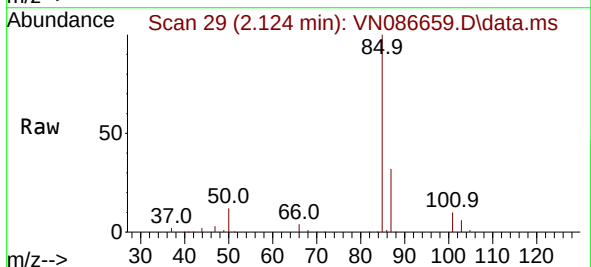
Instrument :
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VSTDCCC050EC

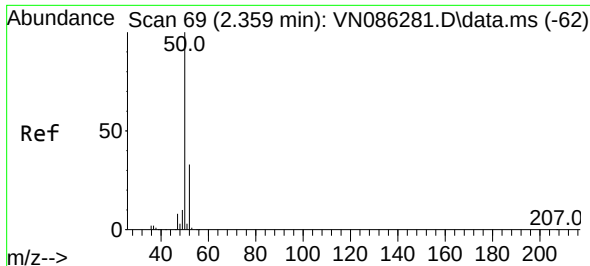
Tgt Ion:168 Resp: 201107
Ion Ratio Lower Upper
168 100
99 57.2 52.5 78.7



#2
Dichlorodifluoromethane
Concen: 54.388 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086659.D
Acq: 15 May 2025 20:50

Tgt Ion: 85 Resp: 129660
Ion Ratio Lower Upper
85 100
87 32.2 16.3 48.8

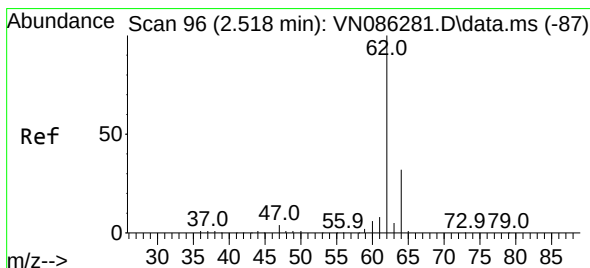
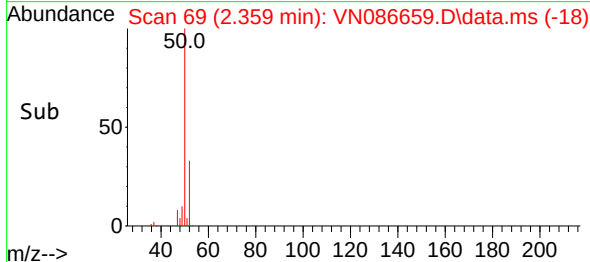
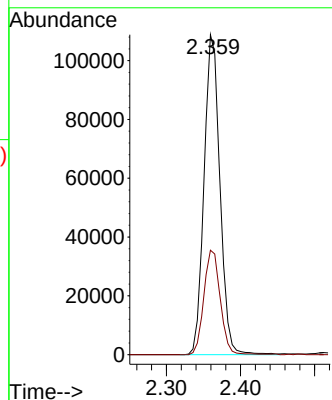
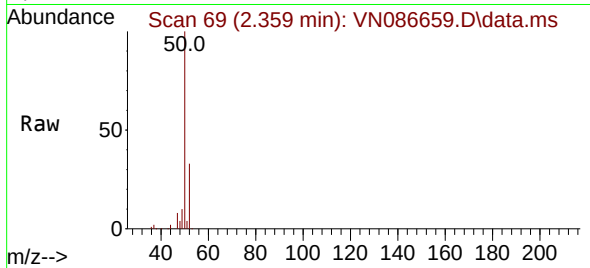




#3
Chloromethane
Concen: 46.790 ug/l
RT: 2.359 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086659.D
Acq: 15 May 2025 20:50

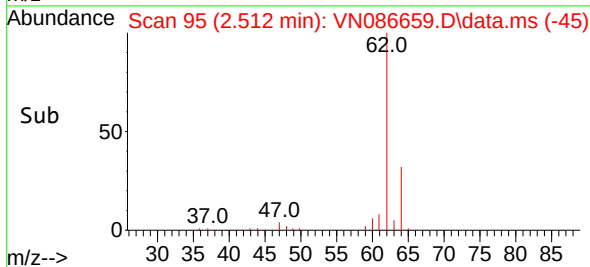
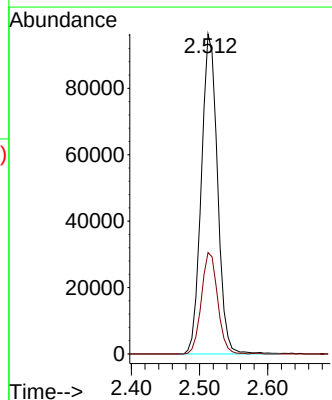
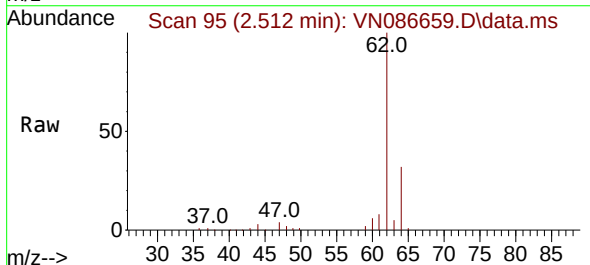
Instrument :
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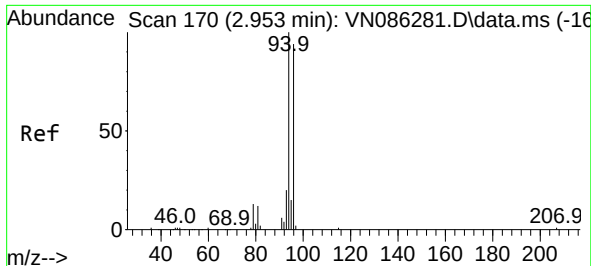
Tgt Ion: 50 Resp: 162116
Ion Ratio Lower Upper
50 100
52 32.6 26.5 39.7



#4
Vinyl Chloride
Concen: 48.001 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN086659.D
Acq: 15 May 2025 20:50

Tgt Ion: 62 Resp: 158705
Ion Ratio Lower Upper
62 100
64 31.7 25.6 38.4

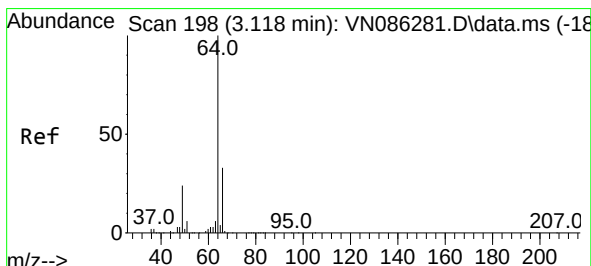
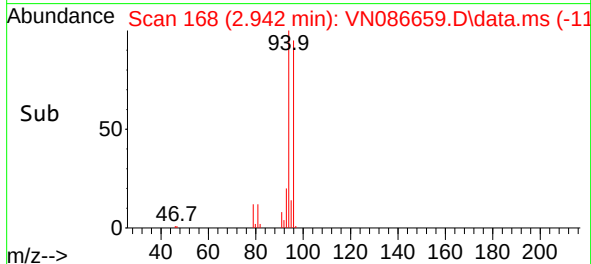
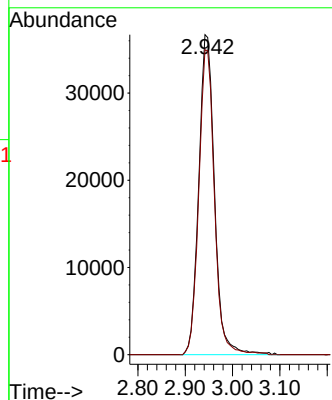
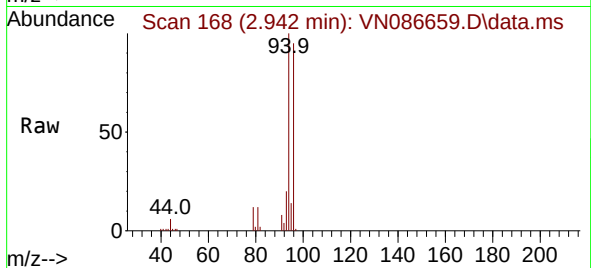




#5
Bromomethane
Concen: 57.058 ug/l
RT: 2.942 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN086659.D
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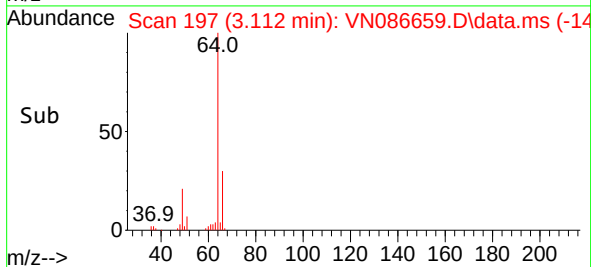
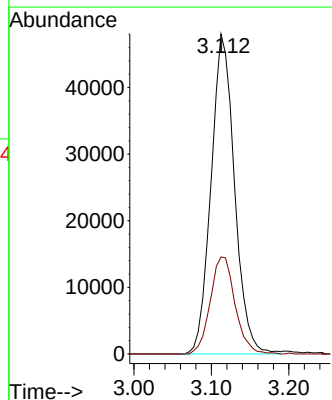
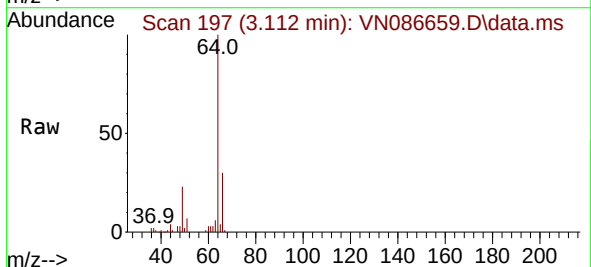
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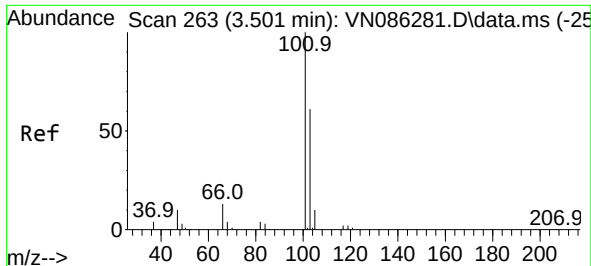
Tgt Ion: 94 Resp: 84857
Ion Ratio Lower Upper
94 100
96 95.3 75.2 112.8



#6
Chloroethane
Concen: 45.699 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN086659.D
Acq: 15 May 2025 20:50

Tgt Ion: 64 Resp: 101123
Ion Ratio Lower Upper
64 100
66 30.3 26.2 39.2

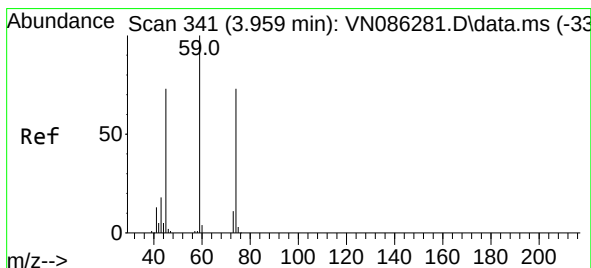
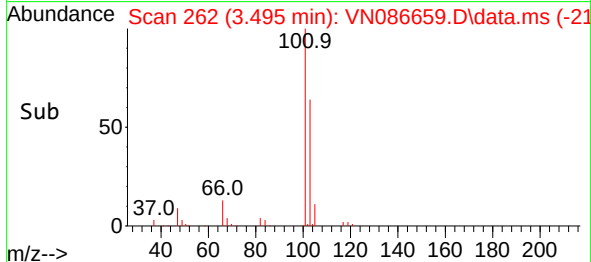
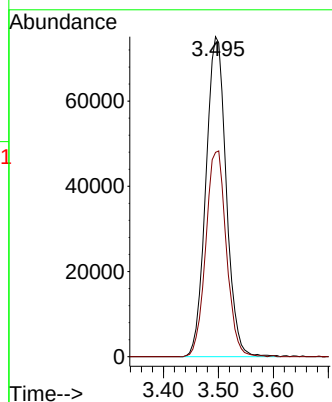
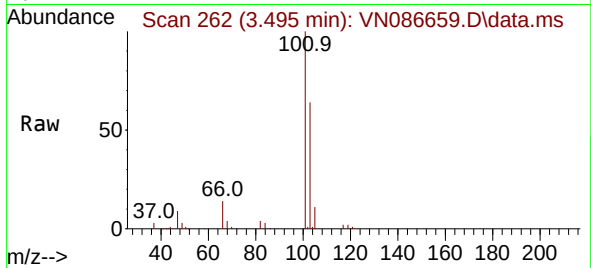




#7
 Trichlorofluoromethane
 Concen: 52.713 ug/l
 RT: 3.495 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN086659.D
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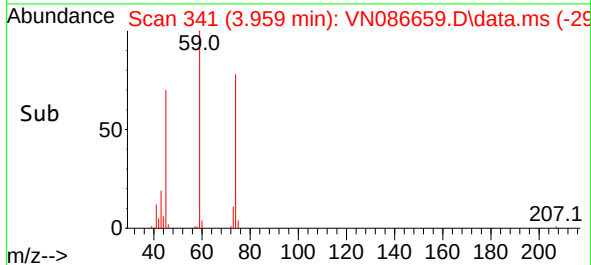
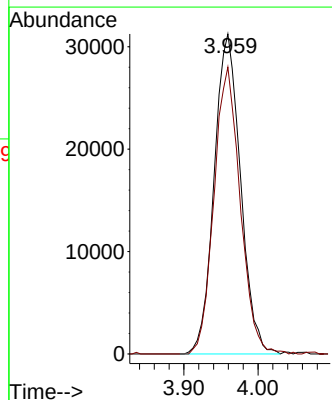
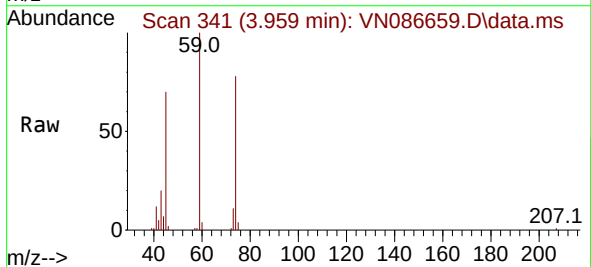
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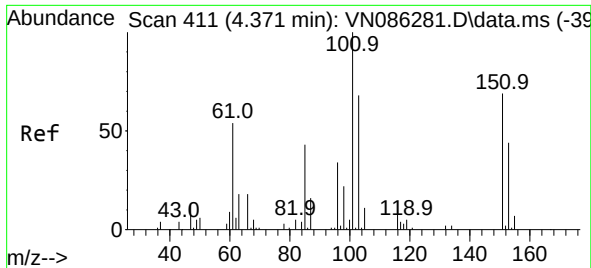
Tgt Ion:101 Resp: 193056
 Ion Ratio Lower Upper
 101 100
 103 63.9 49.2 73.8



#8
 Diethyl Ether
 Concen: 48.261 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 77162
 Ion Ratio Lower Upper
 74 100
 45 89.2 48.0 144.2

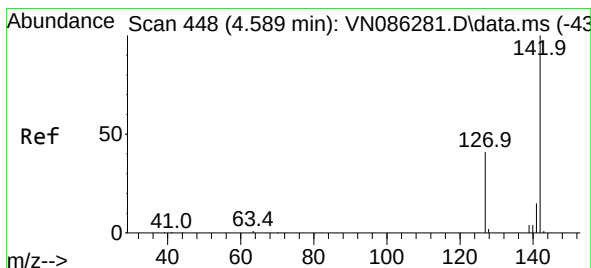
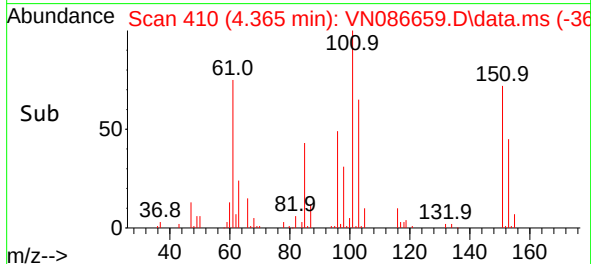
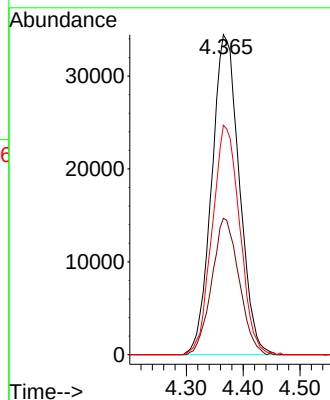
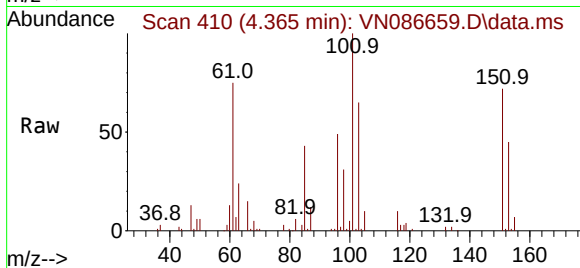




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 52.408 ug/l
 RT: 4.365 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VN086659.D
 Acq: 15 May 2025 20:50

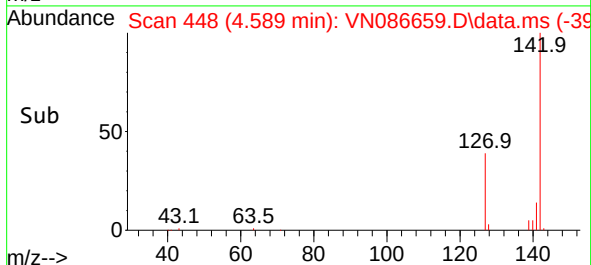
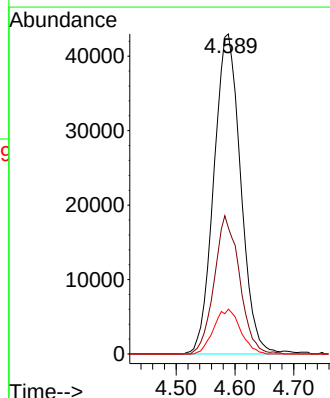
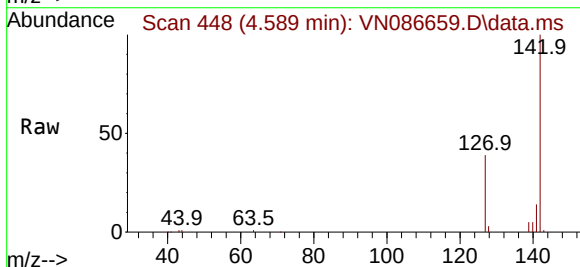
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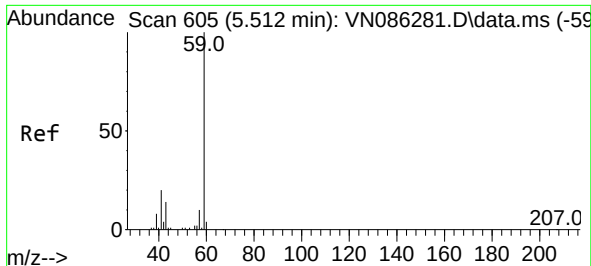
Tgt Ion:101 Resp: 116112
 Ion Ratio Lower Upper
 101 100
 85 42.1 34.7 52.1
 151 71.6 56.1 84.1



#10
 Methyl Iodide
 Concen: 55.881 ug/l
 RT: 4.589 min Scan# 448
 Delta R.T. -0.000 min
 Lab File: VN086659.D
 Acq: 15 May 2025 20:50

Tgt Ion:142 Resp: 136115
 Ion Ratio Lower Upper
 142 100
 127 39.4 32.7 49.1
 141 14.0 11.7 17.5

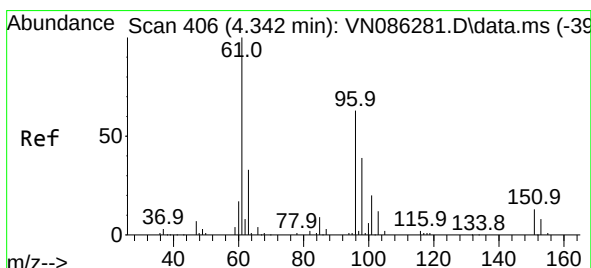
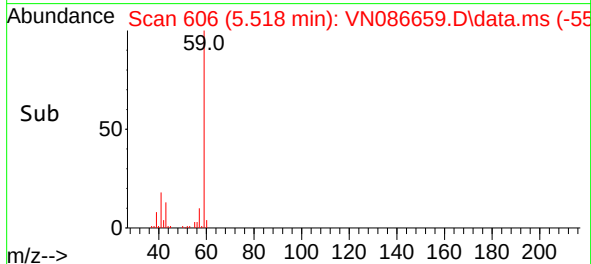
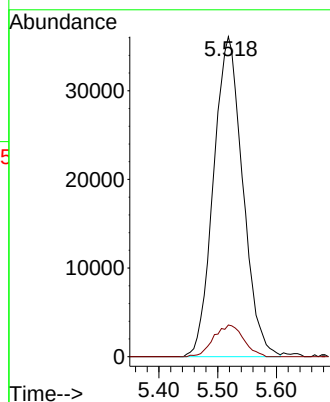
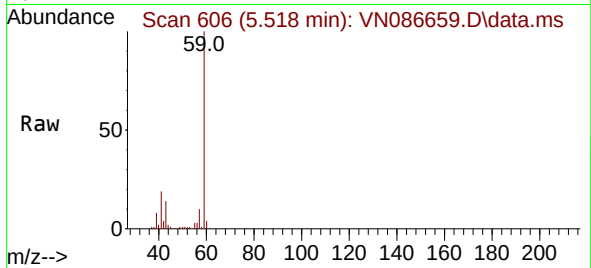




#11
Tert butyl alcohol
Concen: 234.191 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN086659.D
Acq: 15 May 2025 20:50

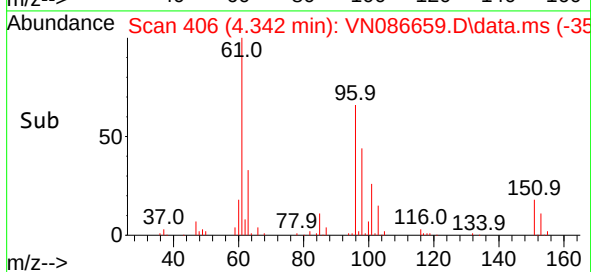
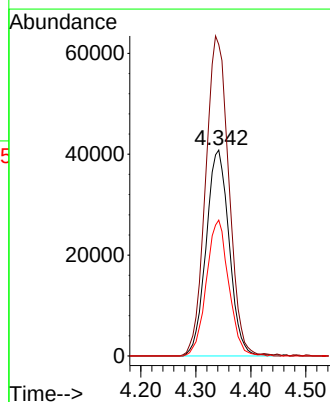
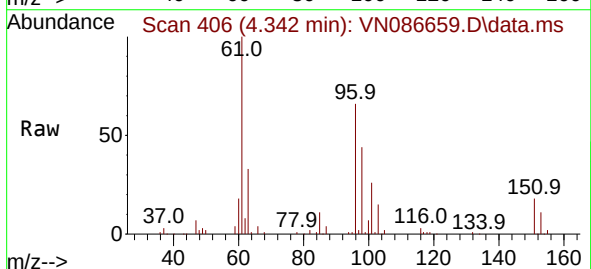
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ClientSampleId :
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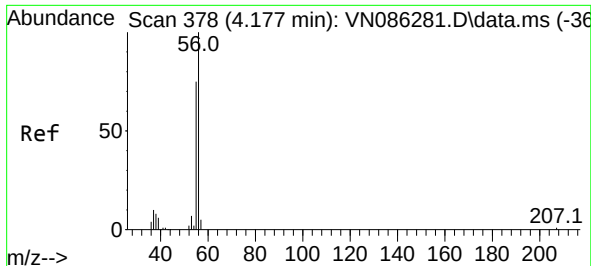
Tgt Ion: 59 Resp: 124611
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5



#12
1,1-Dichloroethene
Concen: 50.259 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN086659.D
Acq: 15 May 2025 20:50

Tgt Ion: 96 Resp: 118963
Ion Ratio Lower Upper
96 100
61 151.3 126.6 189.8
98 66.0 49.6 74.4

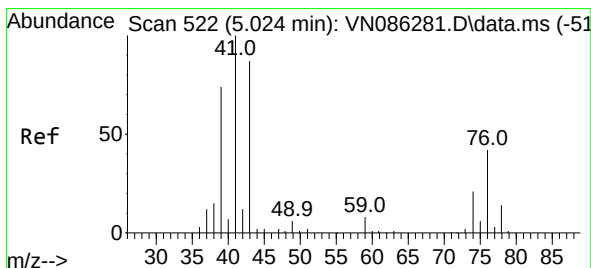
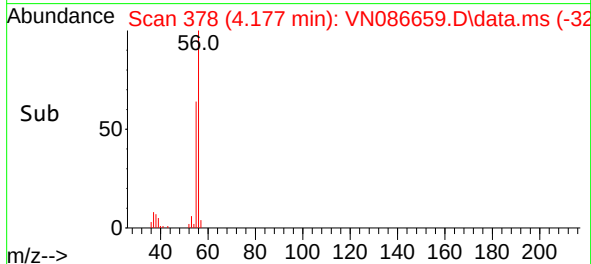
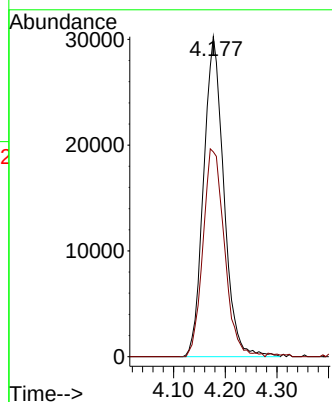
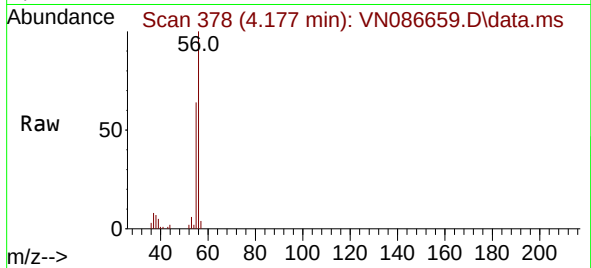




#13
Acrolein
Concen: 337.297 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN086659.D
Acq: 15 May 2025 20:50

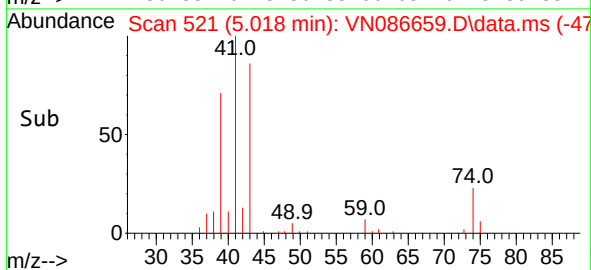
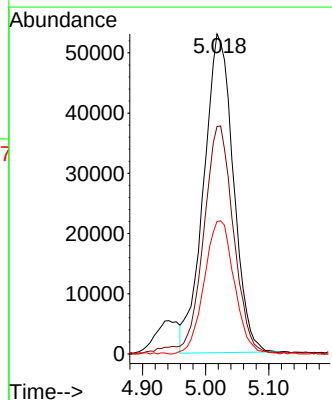
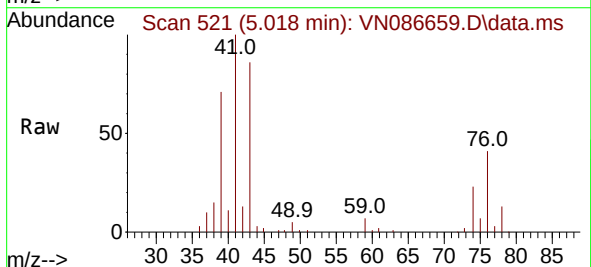
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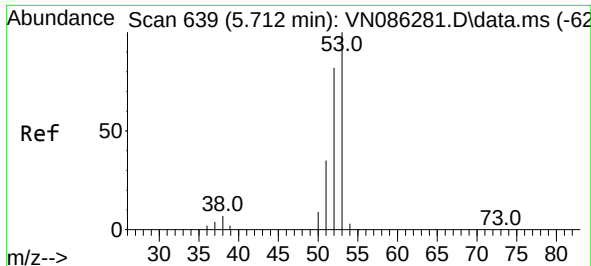
Tgt Ion: 56 Resp: 82381
Ion Ratio Lower Upper
56 100
55 68.8 58.5 87.7



#14
Allyl chloride
Concen: 41.059 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN086659.D
Acq: 15 May 2025 20:50

Tgt Ion: 41 Resp: 172766
Ion Ratio Lower Upper
41 100
39 73.2 59.2 88.8
76 42.3 31.2 46.8

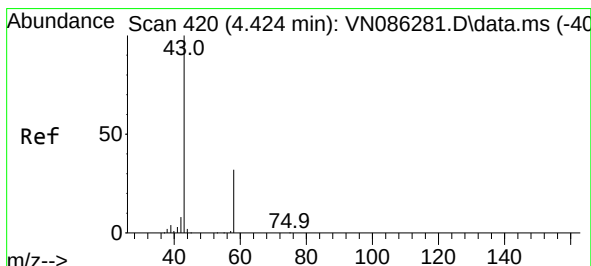
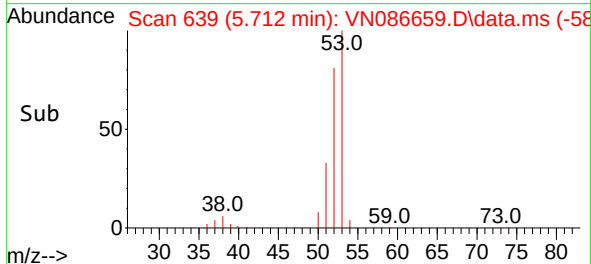
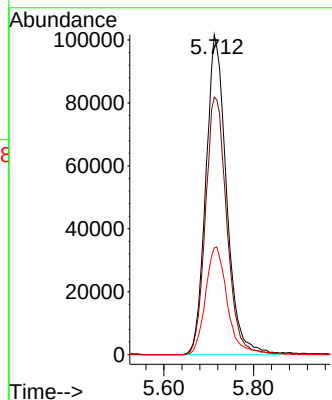
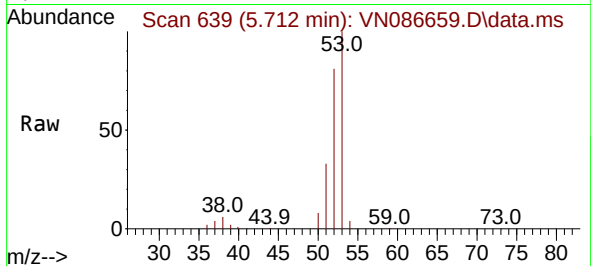




#15
Acrylonitrile
Concen: 247.137 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086659.D
Acq: 15 May 2025 20:50

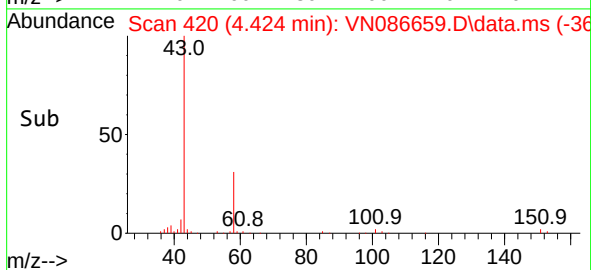
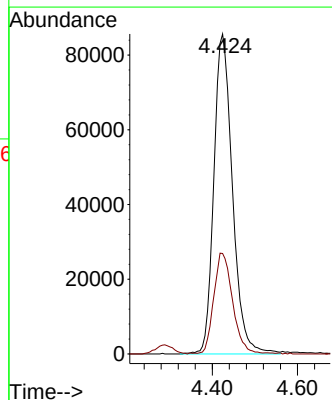
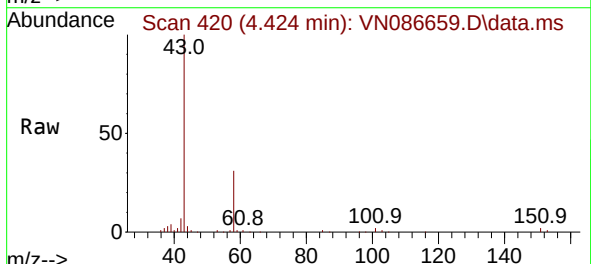
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

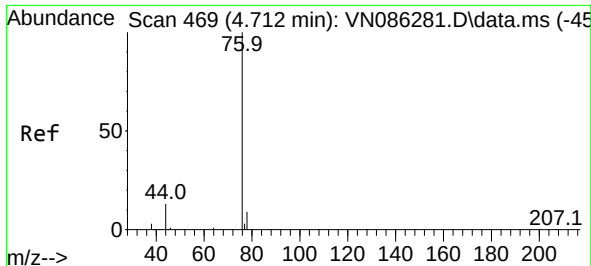
Tgt Ion: 53 Resp: 325072
Ion Ratio Lower Upper
53 100
52 83.0 65.5 98.3
51 35.7 28.6 42.8



#16
Acetone
Concen: 258.100 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086659.D
Acq: 15 May 2025 20:50

Tgt Ion: 43 Resp: 260047
Ion Ratio Lower Upper
43 100
58 31.0 25.3 37.9

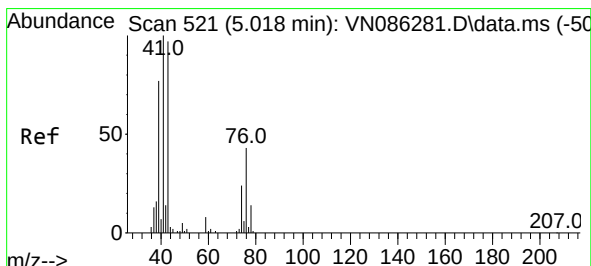
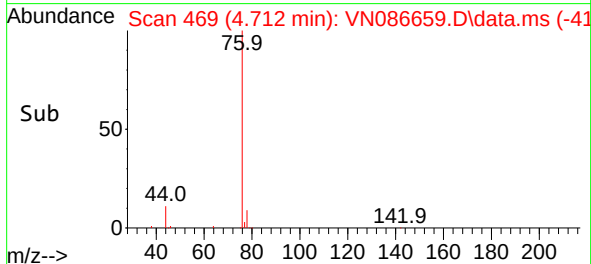
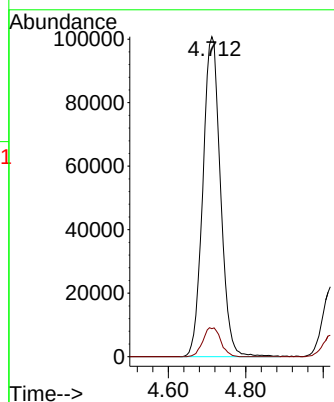
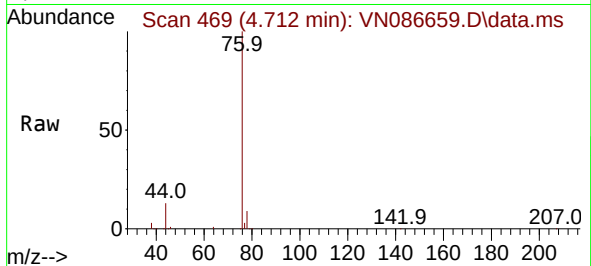




#17
Carbon Disulfide
Concen: 44.835 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN086659.D
Acq: 15 May 2025 20:50

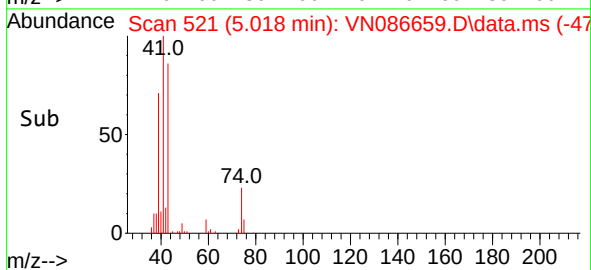
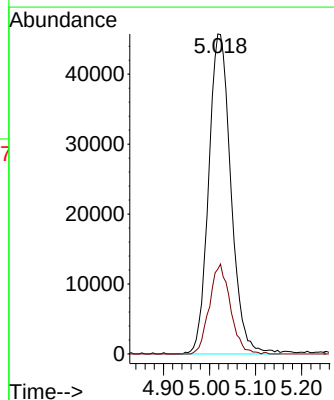
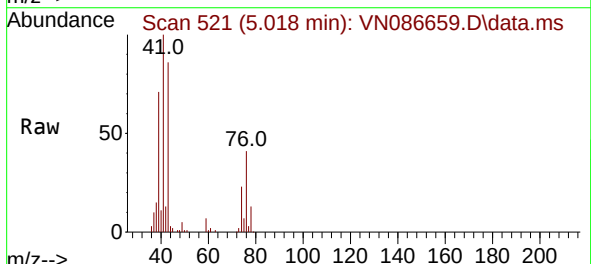
Instrument :
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ClientSampleId :
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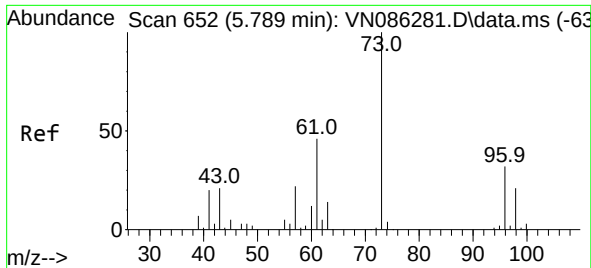
Tgt Ion: 76 Resp: 317766
Ion Ratio Lower Upper
76 100
78 8.8 7.6 11.4



#18
Methyl Acetate
Concen: 43.904 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN086659.D
Acq: 15 May 2025 20:50

Tgt Ion: 43 Resp: 153689
Ion Ratio Lower Upper
43 100
74 26.3 19.8 29.6

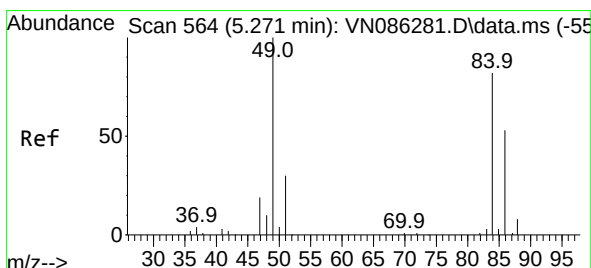
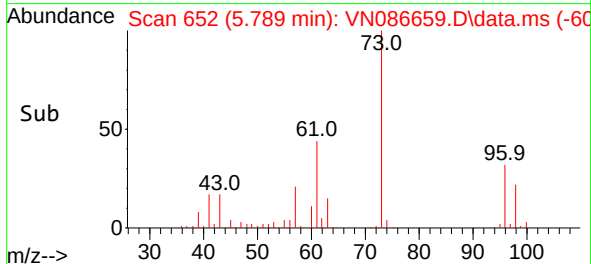
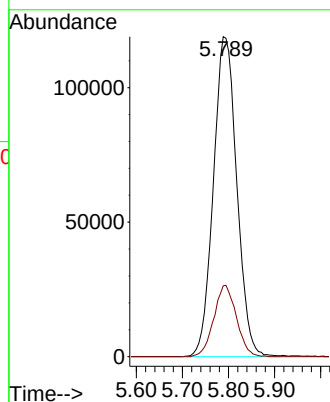
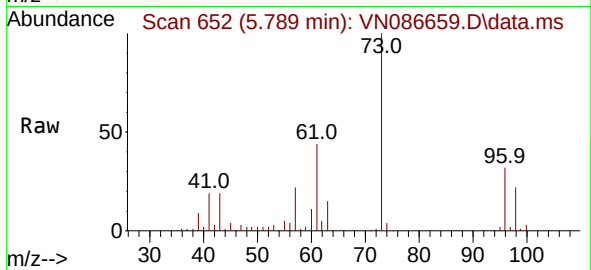




#19
Methyl tert-butyl Ether
Concen: 48.186 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086659.D
Acq: 15 May 2025 20:50

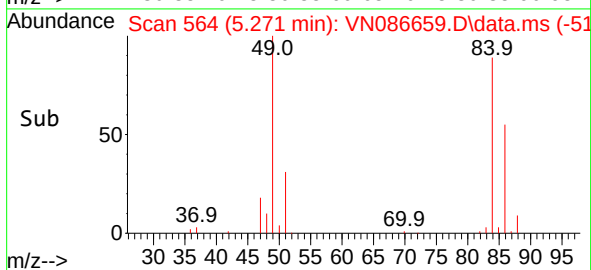
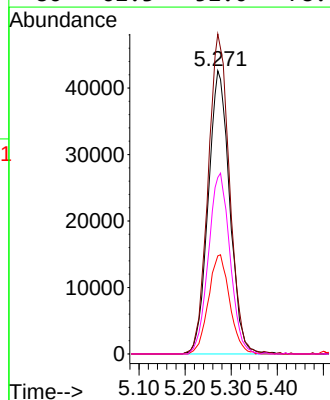
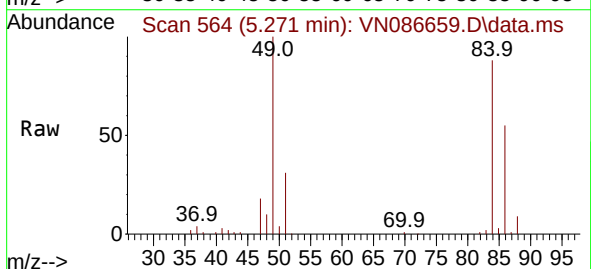
Instrument :
MSVOA_N
ClientSampleId :
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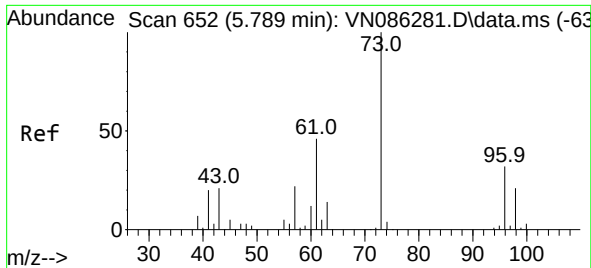
Tgt Ion: 73 Resp: 419261
Ion Ratio Lower Upper
73 100
57 22.2 17.6 26.4



#20
Methylene Chloride
Concen: 51.136 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086659.D
Acq: 15 May 2025 20:50

Tgt Ion: 84 Resp: 137861
Ion Ratio Lower Upper
84 100
49 113.0 98.2 147.2
51 34.6 29.8 44.6
86 62.3 52.0 78.0

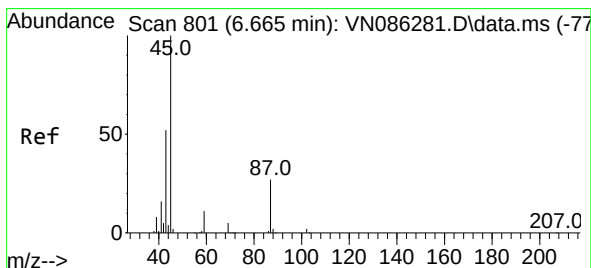
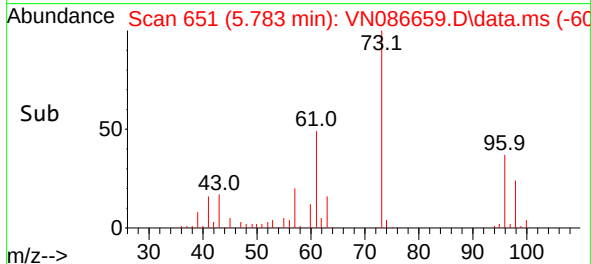
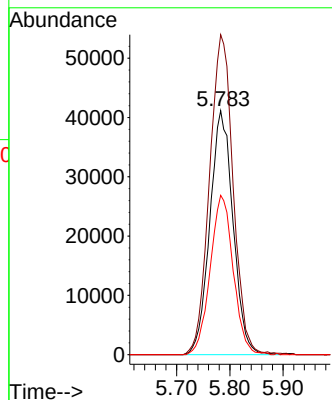
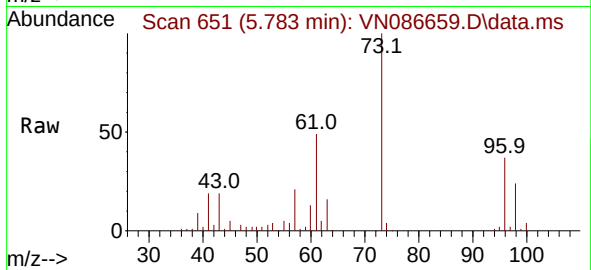




#21
trans-1,2-Dichloroethene
Concen: 50.284 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086659.D
Acq: 15 May 2025 20:50

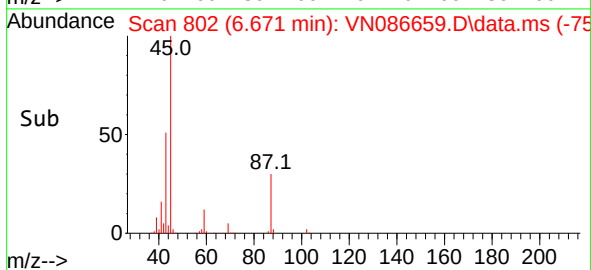
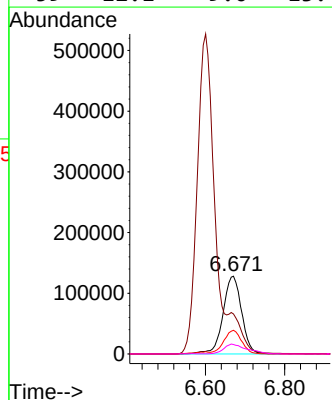
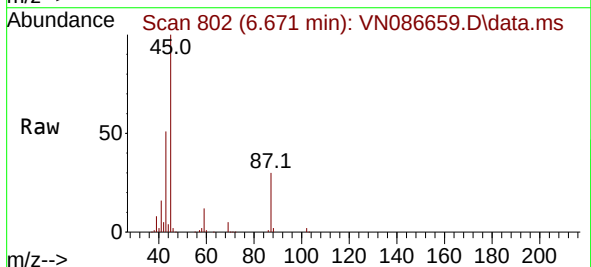
Instrument :
MSVOA_N
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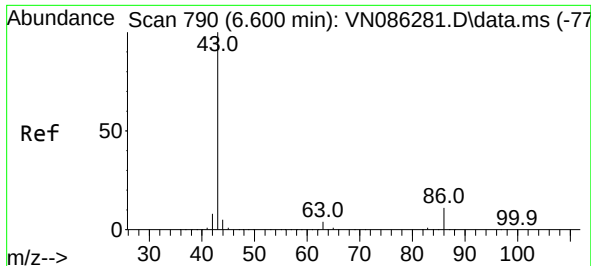
Tgt Ion: 96 Resp: 124435
Ion Ratio Lower Upper
96 100
61 131.2 114.6 171.8
98 65.3 51.2 76.8



#22
Diisopropyl ether
Concen: 45.591 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN086659.D
Acq: 15 May 2025 20:50

Tgt Ion: 45 Resp: 417314
Ion Ratio Lower Upper
45 100
43 50.7 41.8 62.8
87 30.4 21.6 32.4
59 12.1 9.0 13.4

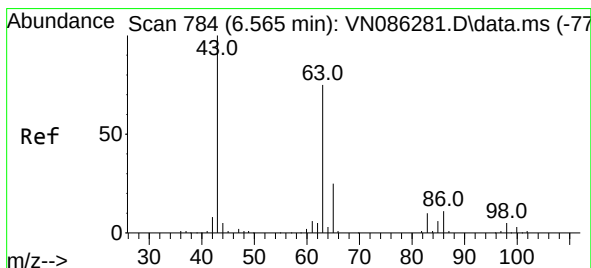
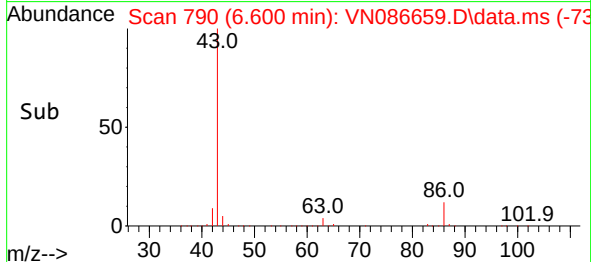
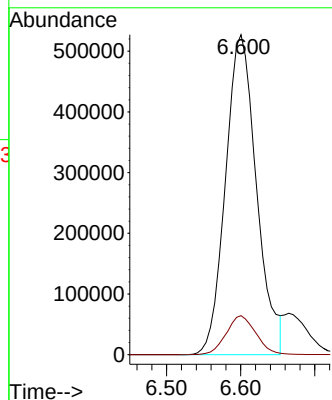
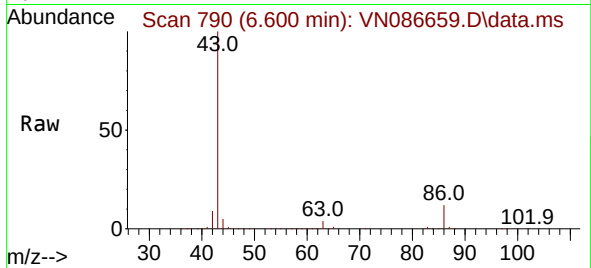




#23
 Vinyl Acetate
 Concen: 239.829 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086659.D
 Acq: 15 May 2025 20:50

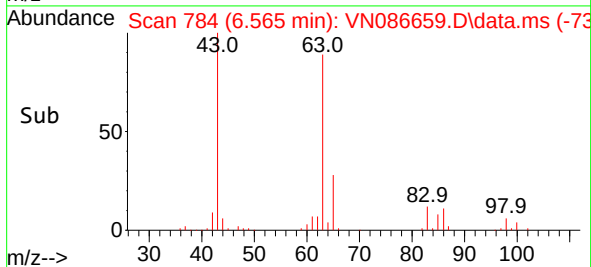
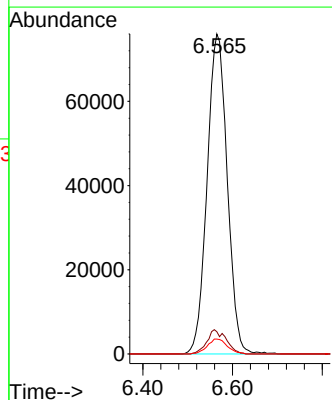
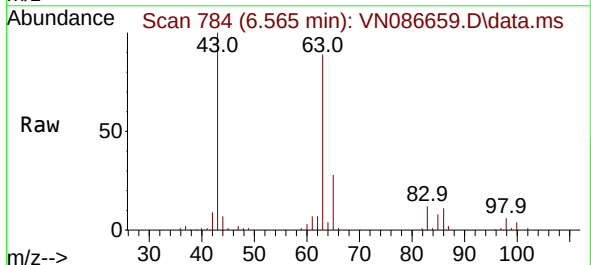
Instrument :
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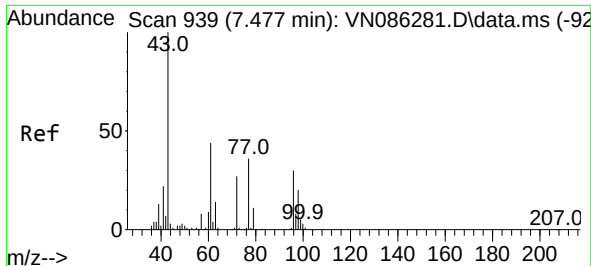
Tgt Ion: 43 Resp: 1534614
 Ion Ratio Lower Upper
 43 100
 86 12.2 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 49.137 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN086659.D
 Acq: 15 May 2025 20:50

Tgt Ion: 63 Resp: 237314
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.4 10.2
 100 4.7 2.1 6.5

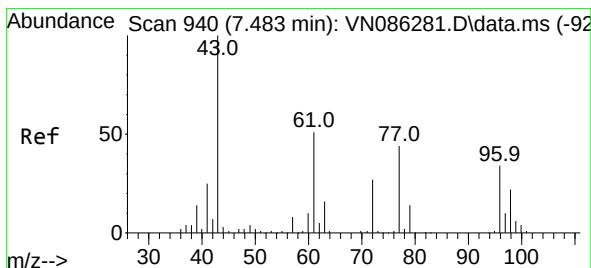
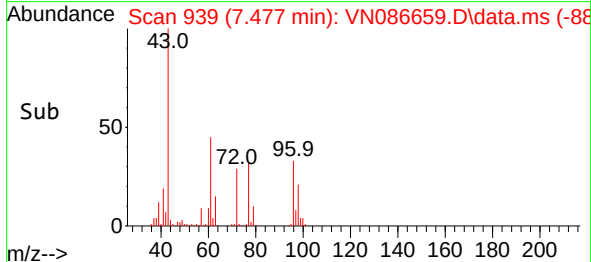
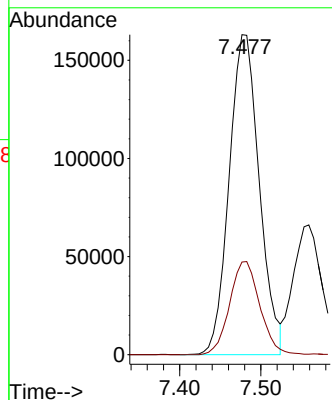
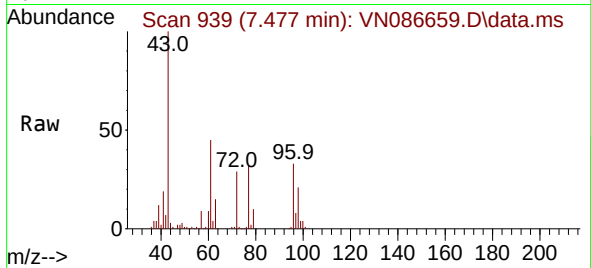




#25
2-Butanone
Concen: 231.991 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086659.D
Acq: 15 May 2025 20:50

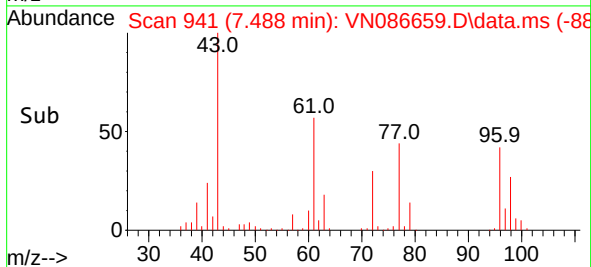
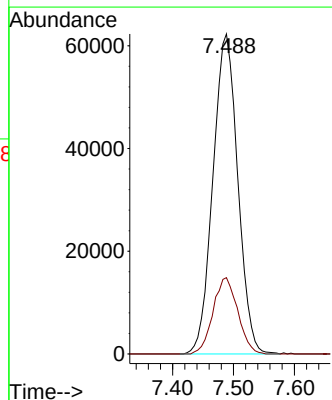
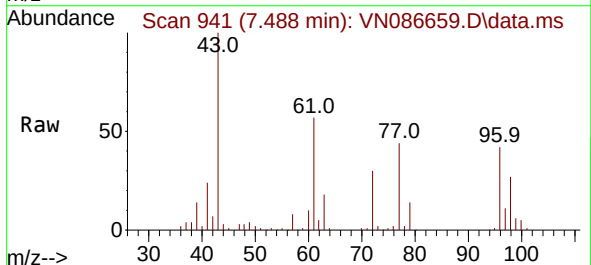
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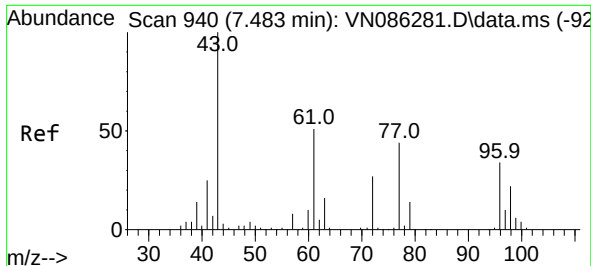
Tgt Ion: 43 Resp: 421112
Ion Ratio Lower Upper
43 100
72 28.9 21.7 32.5



#26
2,2-Dichloropropane
Concen: 40.813 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086659.D
Acq: 15 May 2025 20:50

Tgt Ion: 77 Resp: 176487
Ion Ratio Lower Upper
77 100
97 23.7 11.2 33.5

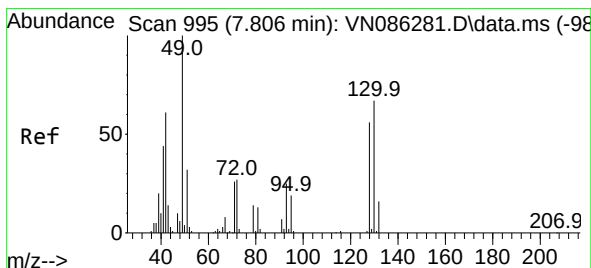
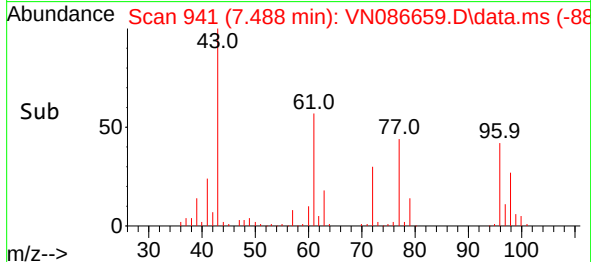
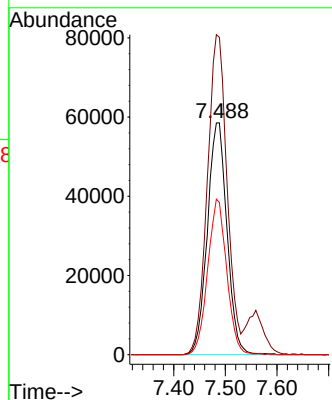
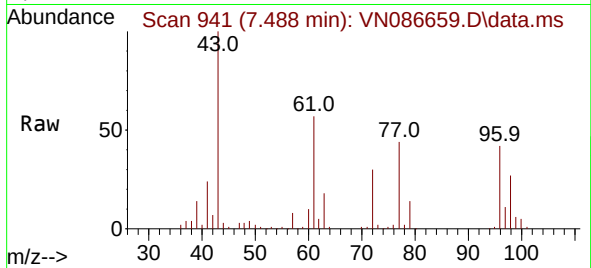




#27
 cis-1,2-Dichloroethene
 Concen: 50.360 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN086659.D
 Acq: 15 May 2025 20:50

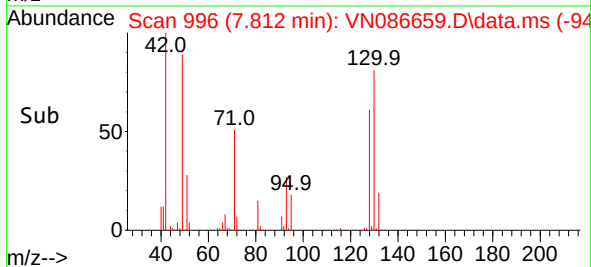
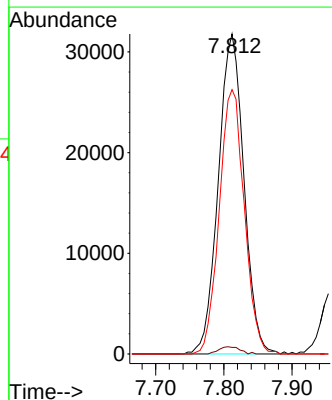
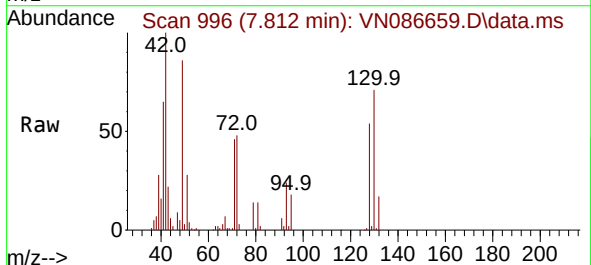
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

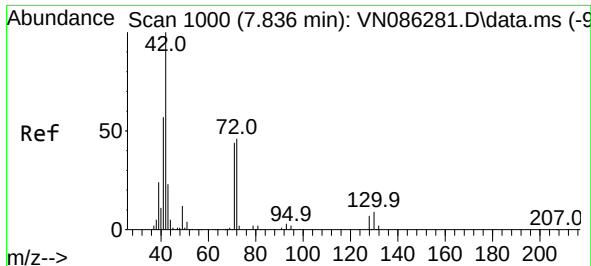
Tgt Ion: 96 Resp: 154677
 Ion Ratio Lower Upper
 96 100
 61 138.0 0.0 299.0
 98 65.0 0.0 129.6



#28
 Bromochloromethane
 Concen: 40.486 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086659.D
 Acq: 15 May 2025 20:50

Tgt Ion: 49 Resp: 82908
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.4
 130 80.9 57.1 85.7





#29

Tetrahydrofuran

Concen: 229.381 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086659.D

Acq: 15 May 2025 20:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

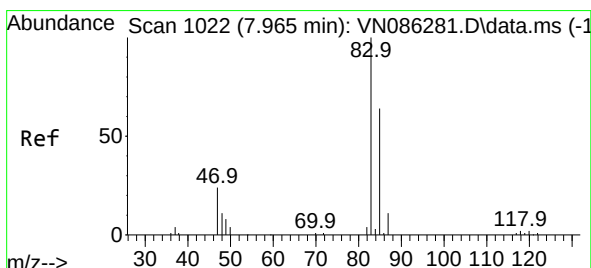
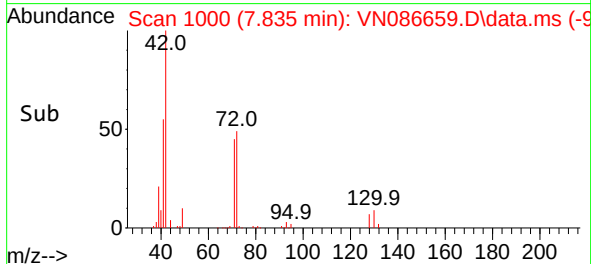
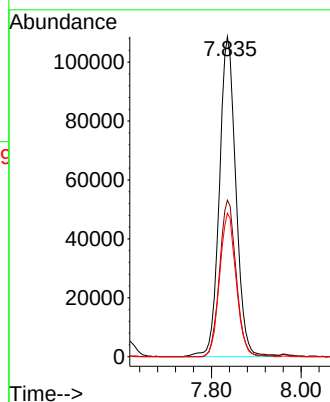
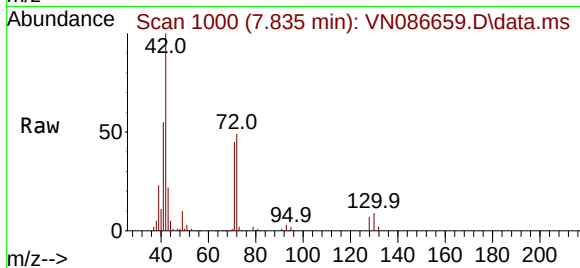
Tgt Ion: 42 Resp: 278431

Ion Ratio Lower Upper

42 100

72 49.0 36.2 54.4

71 44.6 34.0 51.0



#30

Chloroform

Concen: 50.773 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VN086659.D

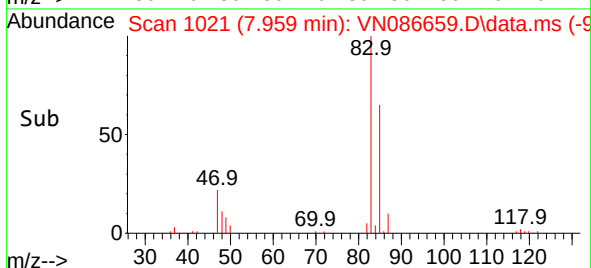
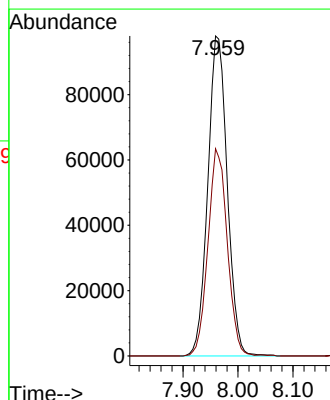
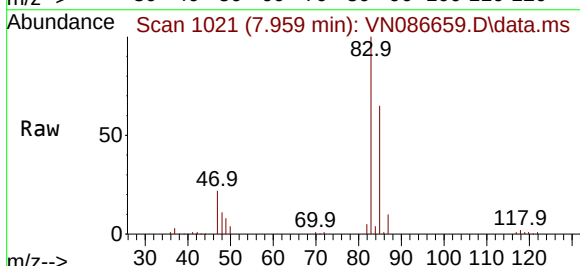
Acq: 15 May 2025 20:50

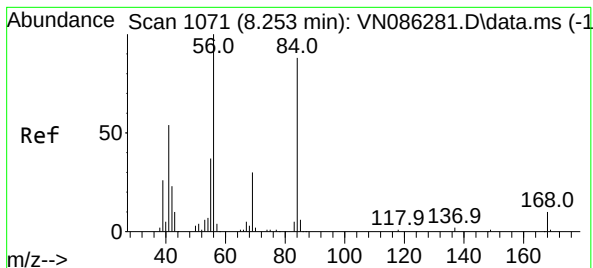
Tgt Ion: 83 Resp: 240886

Ion Ratio Lower Upper

83 100

85 64.7 51.5 77.3





#31

Cyclohexane

Concen: 42.644 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.000 min

Lab File: VN086659.D

Acq: 15 May 2025 20:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

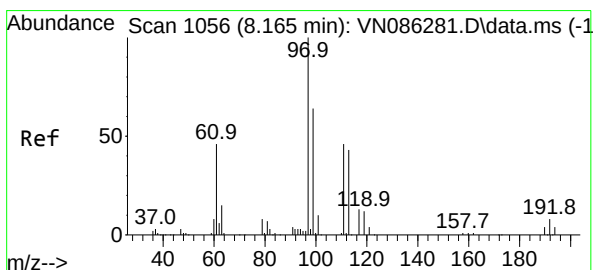
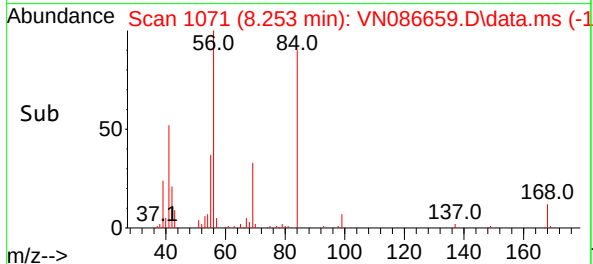
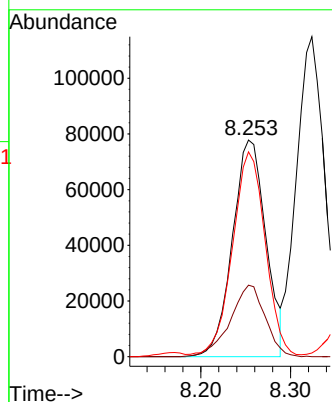
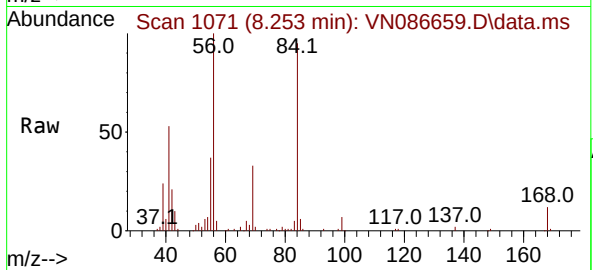
Tgt Ion: 56 Resp: 201535

Ion Ratio Lower Upper

56 100

69 32.6 24.2 36.2

84 92.8 70.3 105.5



#32

1,1,1-Trichloroethane

Concen: 50.572 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086659.D

Acq: 15 May 2025 20:50

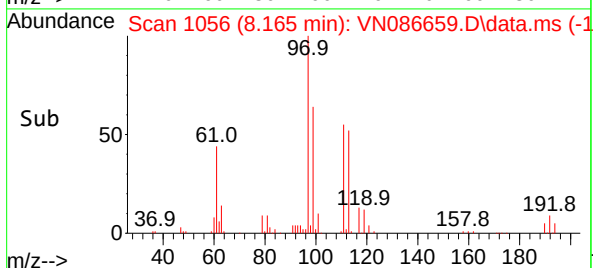
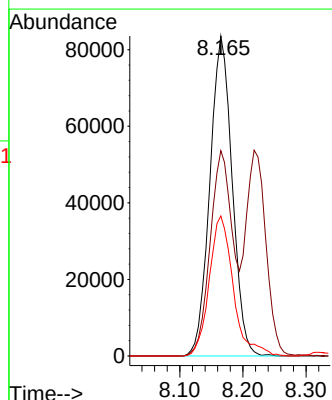
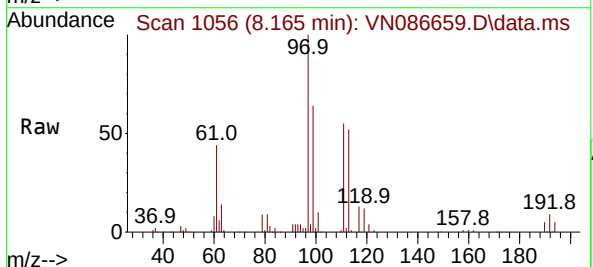
Tgt Ion: 97 Resp: 205251

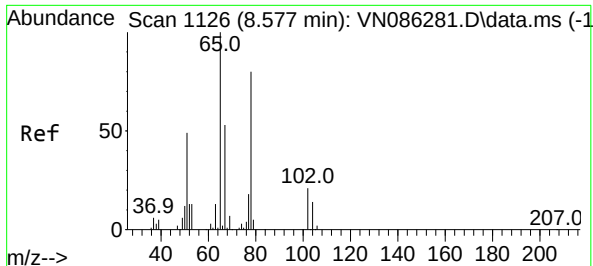
Ion Ratio Lower Upper

97 100

99 65.0 52.7 79.1

61 47.1 39.5 59.3

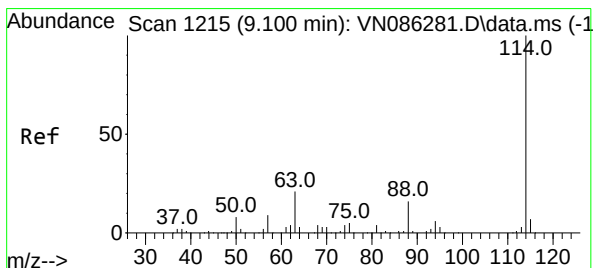
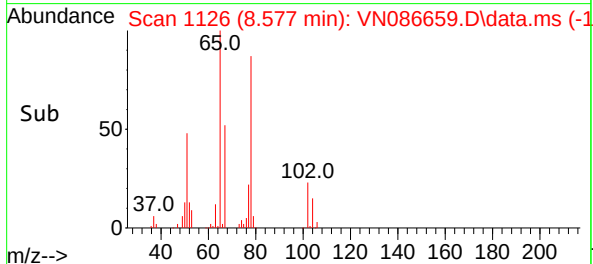
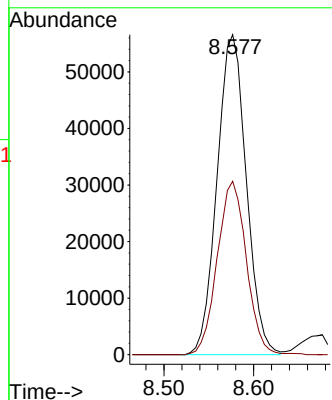
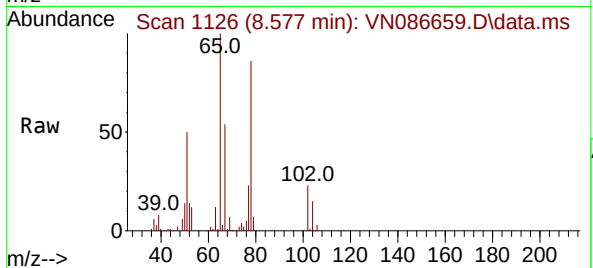




#33
1,2-Dichloroethane-d4
Concen: 43.940 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086659.D
Acq: 15 May 2025 20:50

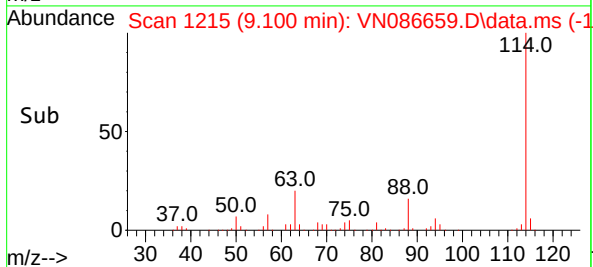
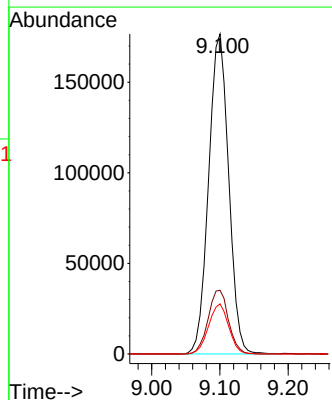
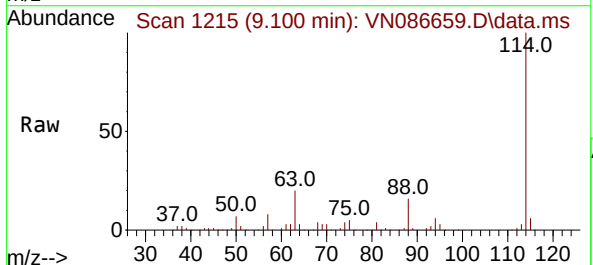
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

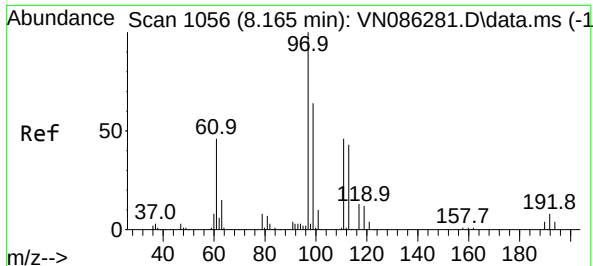
Tgt Ion: 65 Resp: 128138
Ion Ratio Lower Upper
65 100
67 53.9 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN086659.D
Acq: 15 May 2025 20:50

Tgt Ion: 114 Resp: 360980
Ion Ratio Lower Upper
114 100
63 19.9 0.0 42.6
88 15.7 0.0 31.8





#35

Dibromofluoromethane

Concen: 61.739 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086659.D

Acq: 15 May 2025 20:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

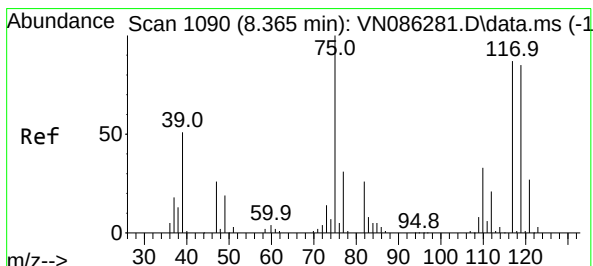
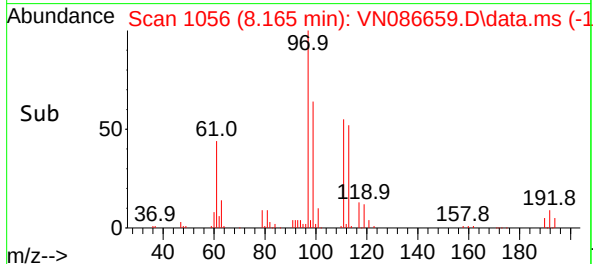
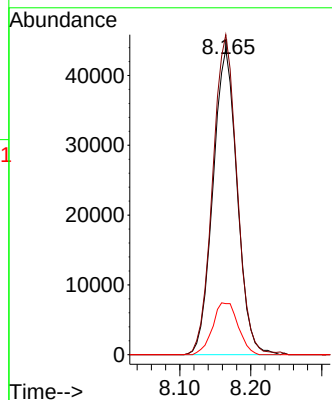
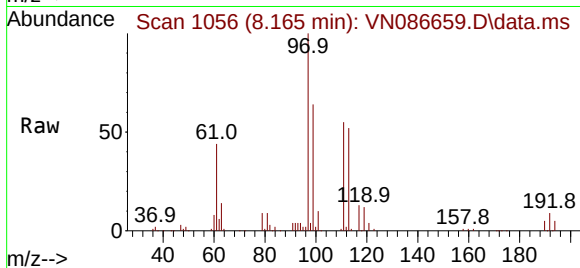
Tgt Ion:113 Resp: 103434

Ion Ratio Lower Upper

113 100

111 105.2 83.4 125.0

192 17.9 13.7 20.5



#36

1,1-Dichloropropene

Concen: 51.307 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.006 min

Lab File: VN086659.D

Acq: 15 May 2025 20:50

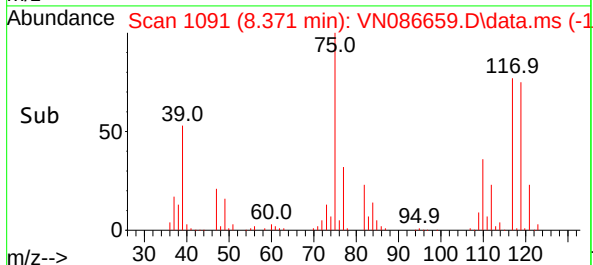
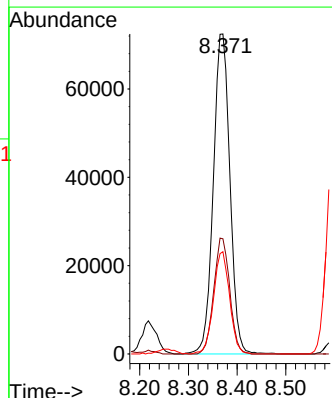
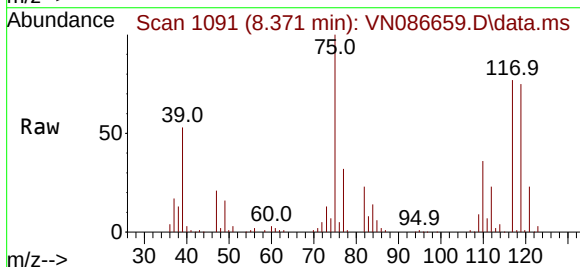
Tgt Ion: 75 Resp: 171686

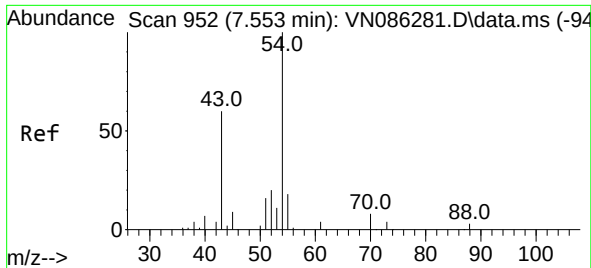
Ion Ratio Lower Upper

75 100

110 34.8 16.8 50.4

77 31.1 24.9 37.3

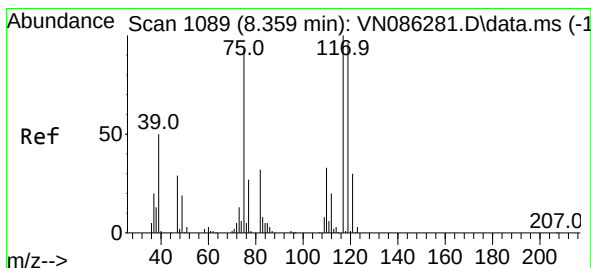
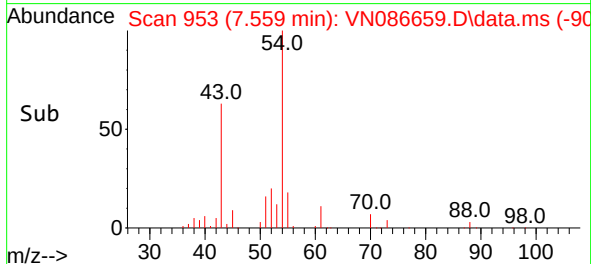
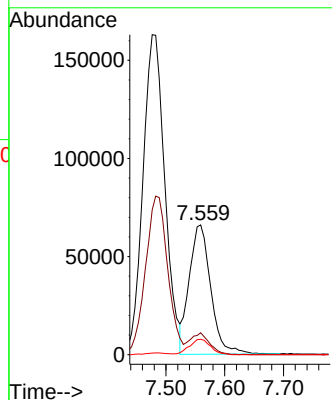
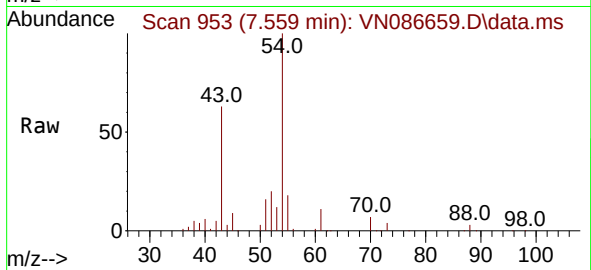




#37
Ethyl Acetate
Concen: 47.633 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN086659.D
Acq: 15 May 2025 20:50

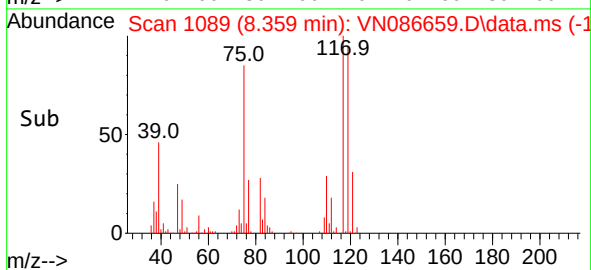
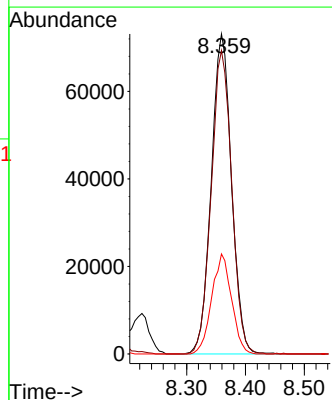
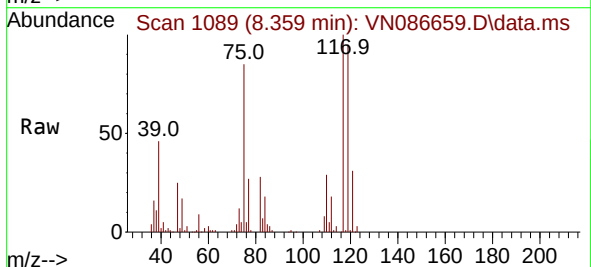
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

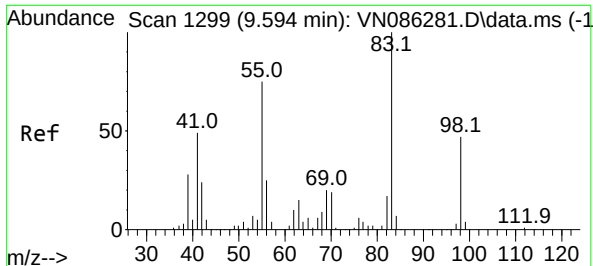
Tgt Ion: 43 Resp: 167808
Ion Ratio Lower Upper
43 100
61 14.2 11.1 16.7
70 11.6 9.2 13.8



#38
Carbon Tetrachloride
Concen: 54.827 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN086659.D
Acq: 15 May 2025 20:50

Tgt Ion: 117 Resp: 174717
Ion Ratio Lower Upper
117 100
119 94.8 76.8 115.2
121 31.3 23.8 35.8





#39

Methylcyclohexane

Concen: 46.668 ug/l

RT: 9.594 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN086659.D

Acq: 15 May 2025 20:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

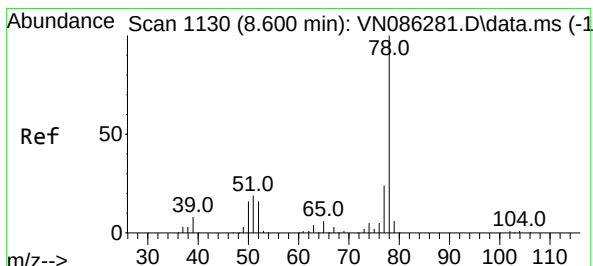
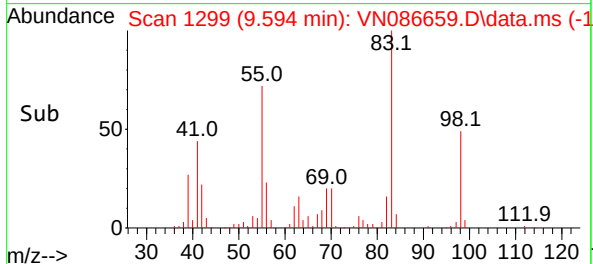
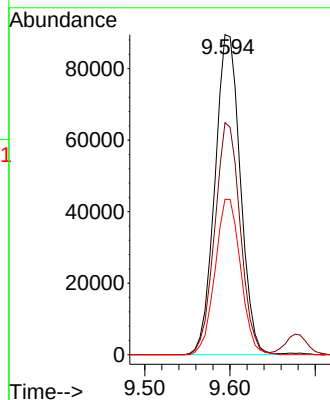
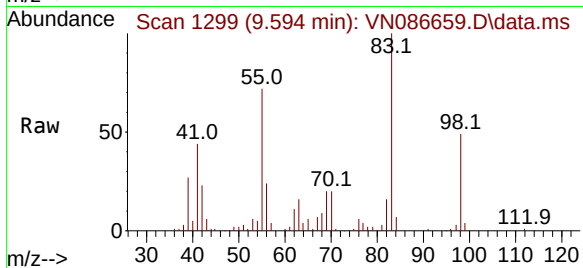
Tgt Ion: 83 Resp: 185615

Ion Ratio Lower Upper

83 100

55 72.5 59.8 89.8

98 48.6 37.9 56.9



#40

Benzene

Concen: 51.778 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN086659.D

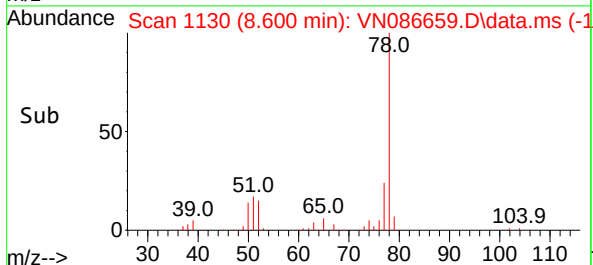
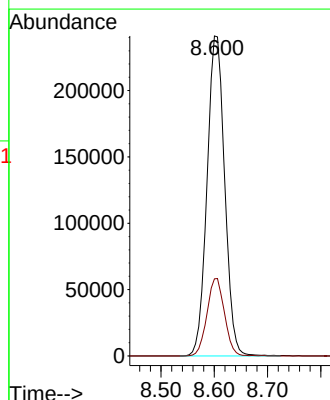
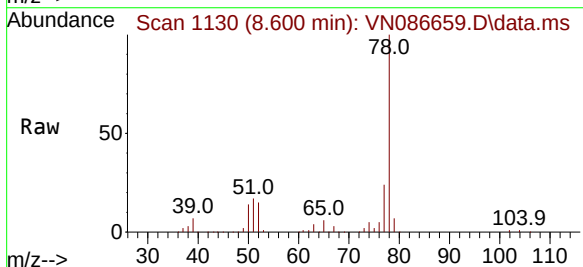
Acq: 15 May 2025 20:50

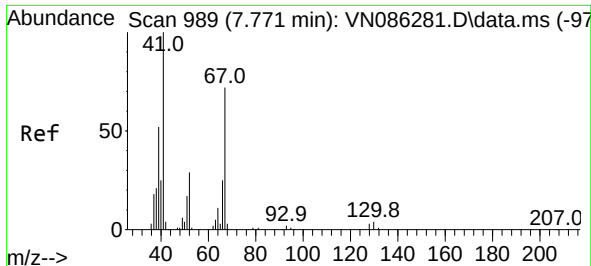
Tgt Ion: 78 Resp: 555120

Ion Ratio Lower Upper

78 100

77 24.1 19.4 29.2

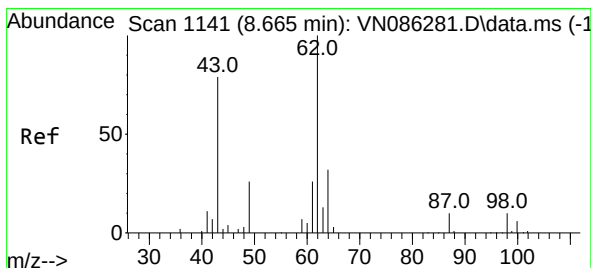
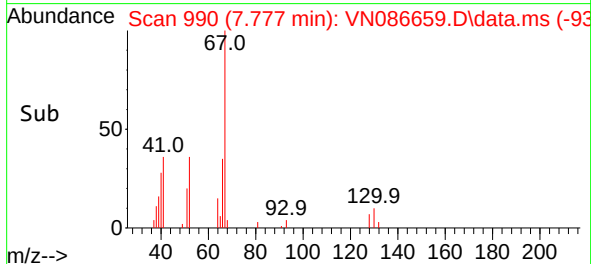
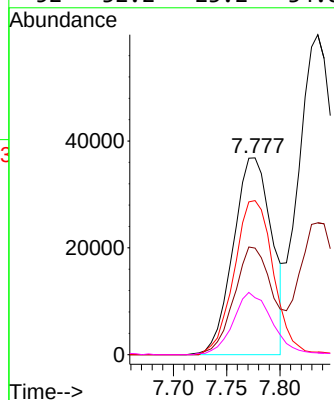
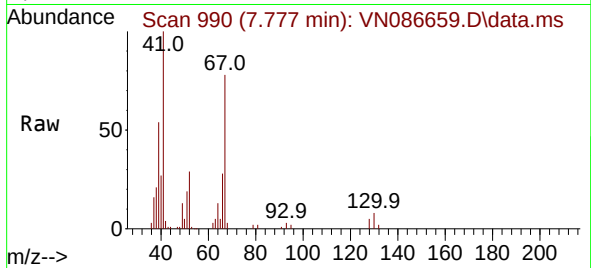




#41
Methacrylonitrile
Concen: 45.459 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN086659.D
Acq: 15 May 2025 20:50

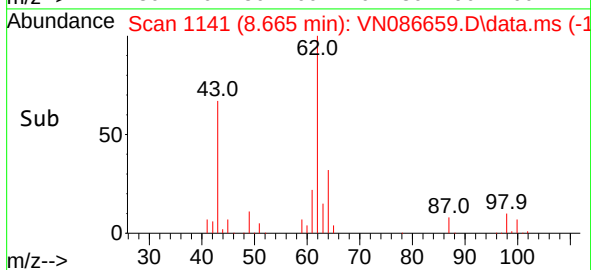
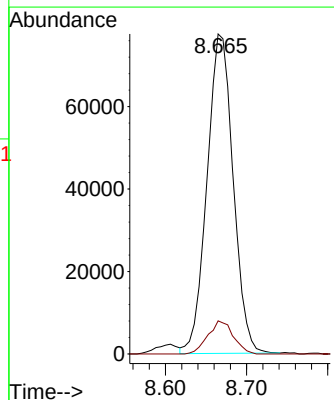
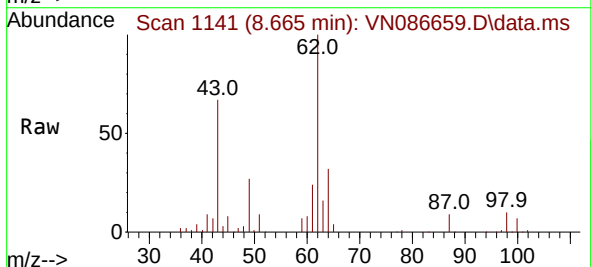
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

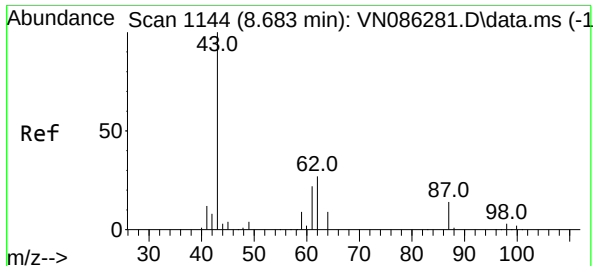
Tgt Ion:	41	Resp:	92817
Ion	Ratio	Lower	Upper
41	100		
39	55.9	43.0	64.4
67	80.2	58.8	88.2
52	32.2	23.2	34.8



#42
1,2-Dichloroethane
Concen: 50.752 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086659.D
Acq: 15 May 2025 20:50

Tgt Ion:	62	Resp:	173517
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	19.2

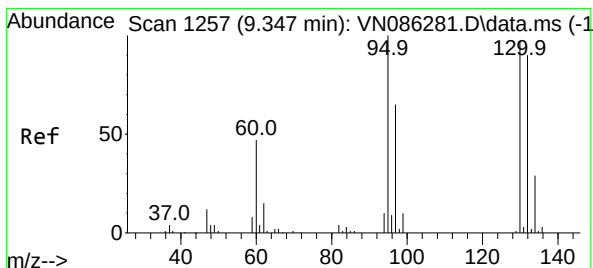
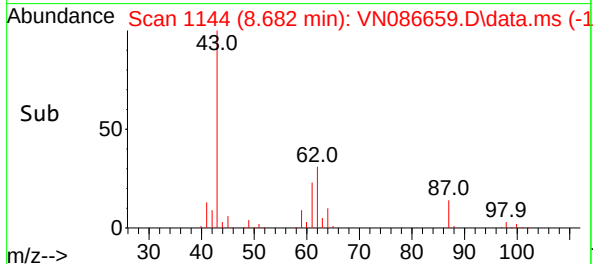
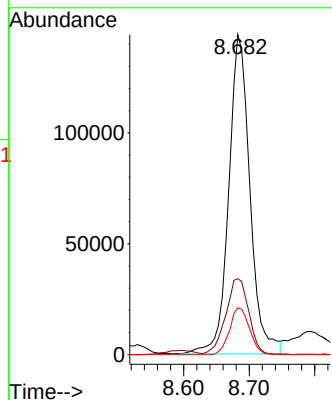
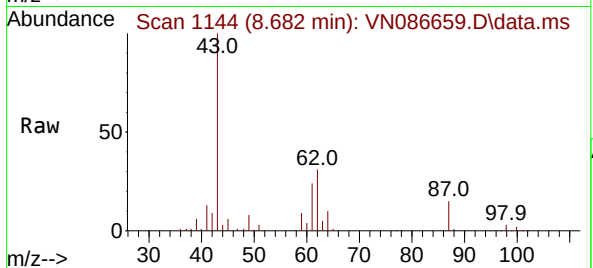




#43
Isopropyl Acetate
Concen: 51.631 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.001 min
Lab File: VN086659.D
Acq: 15 May 2025 20:50

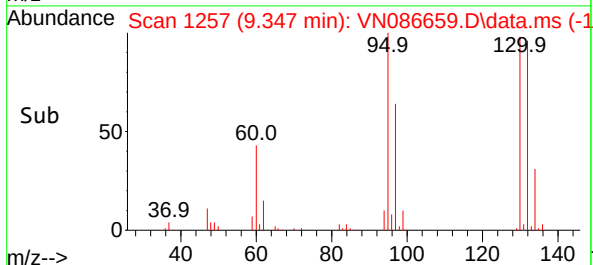
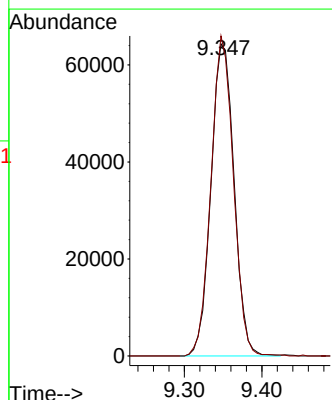
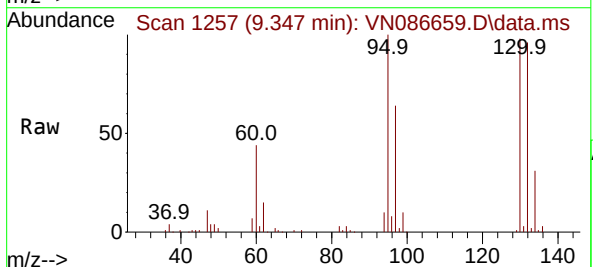
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

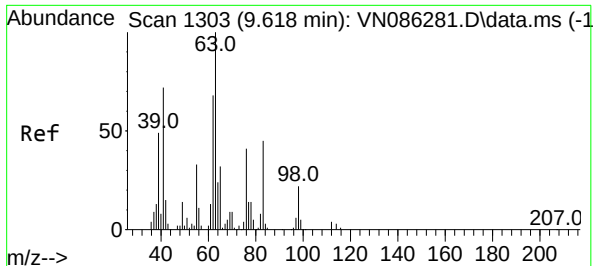
Tgt Ion: 43 Resp: 324704
Ion Ratio Lower Upper
43 100
61 25.4 20.5 30.7
87 13.7 10.5 15.7



#44
Trichloroethene
Concen: 52.482 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086659.D
Acq: 15 May 2025 20:50

Tgt Ion: 130 Resp: 133363
Ion Ratio Lower Upper
130 100
95 102.5 0.0 207.2





#45

1,2-Dichloropropane

Concen: 51.234 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086659.D

Acq: 15 May 2025 20:50

Instrument :

MSVOA_N

ClientSampleId :

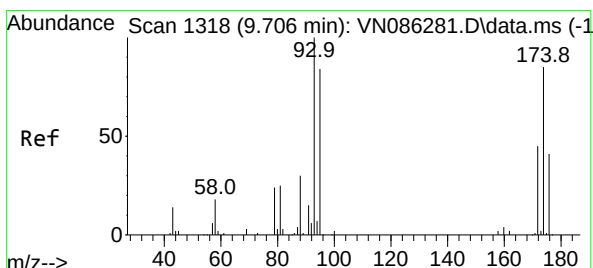
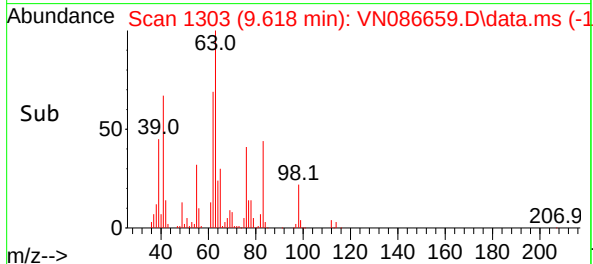
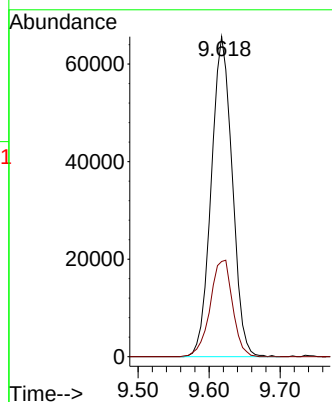
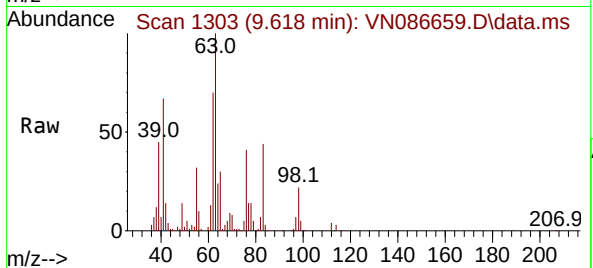
VSTDCCC050EC

Tgt Ion: 63 Resp: 134458

Ion Ratio Lower Upper

63 100

65 29.8 25.4 38.2



#46

Dibromomethane

Concen: 54.150 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086659.D

Acq: 15 May 2025 20:50

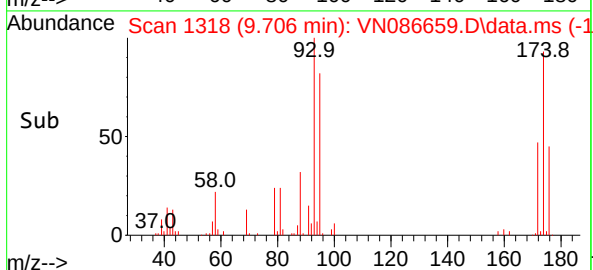
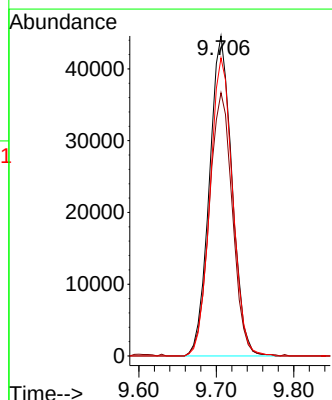
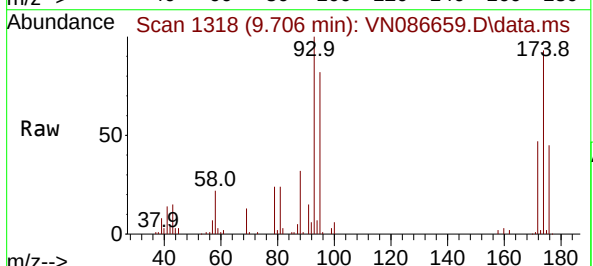
Tgt Ion: 93 Resp: 90545

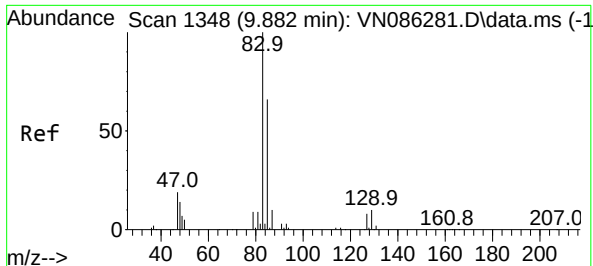
Ion Ratio Lower Upper

93 100

95 84.0 66.2 99.4

174 93.0 67.8 101.6

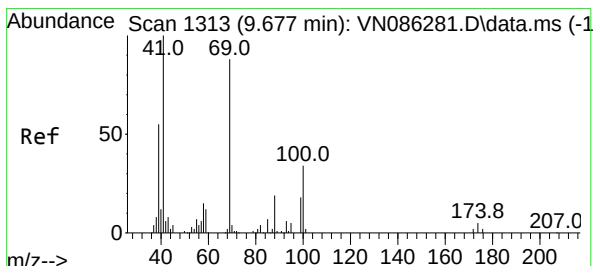
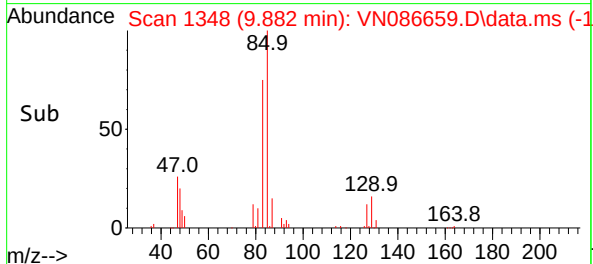
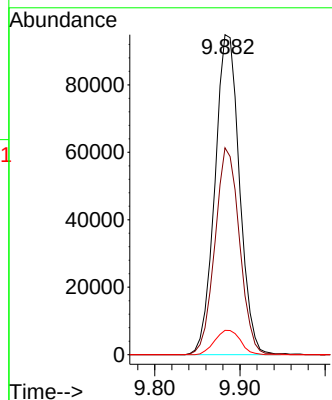
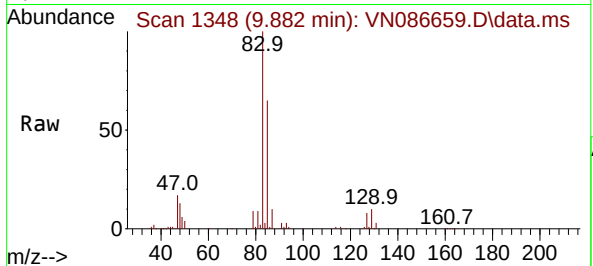




#47
Bromodichloromethane
Concen: 52.711 ug/l
RT: 9.882 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086659.D
Acq: 15 May 2025 20:50

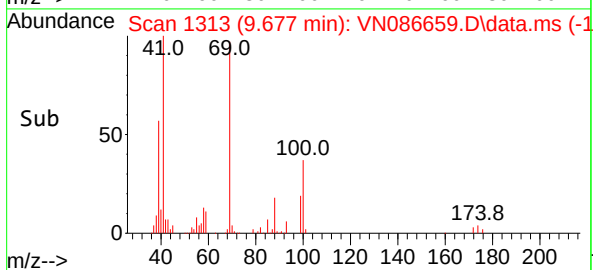
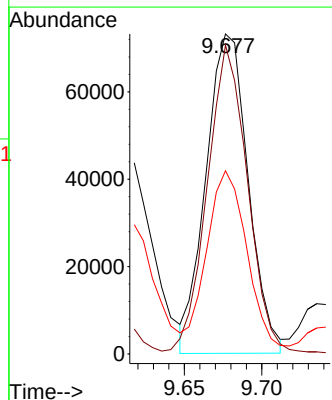
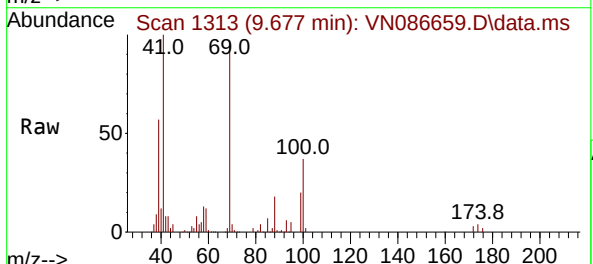
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

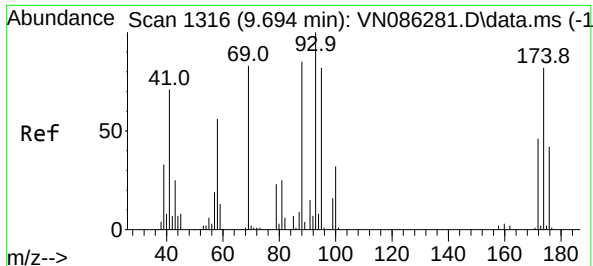
Tgt Ion: 83 Resp: 190365
Ion Ratio Lower Upper
83 100
85 64.7 52.6 78.8
127 7.6 6.1 9.1



#48
Methyl methacrylate
Concen: 44.750 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086659.D
Acq: 15 May 2025 20:50

Tgt Ion: 41 Resp: 138445
Ion Ratio Lower Upper
41 100
69 93.1 68.2 102.2
39 56.3 45.2 67.8





#49

1,4-Dioxane

Concen: 1021.386 ug/l

RT: 9.694 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086659.D

Acq: 15 May 2025 20:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

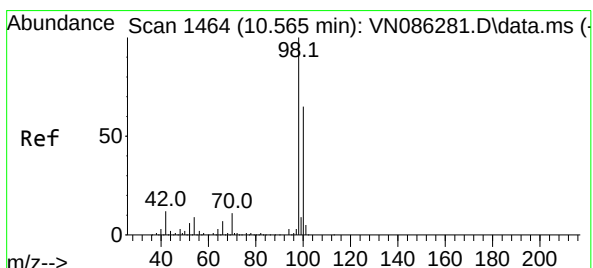
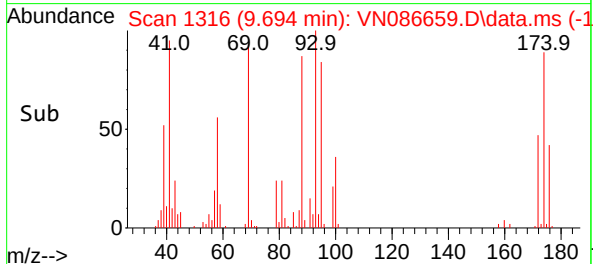
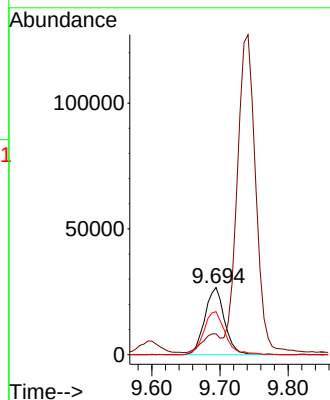
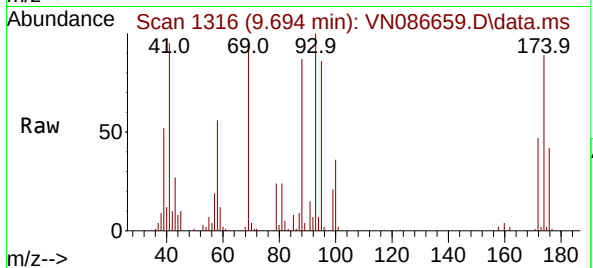
Tgt Ion: 88 Resp: 53749

Ion Ratio Lower Upper

88 100

43 25.3 23.8 35.8

58 69.7 57.4 86.2



#50

Toluene-d8

Concen: 46.188 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086659.D

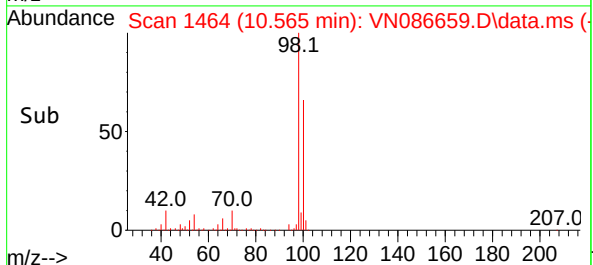
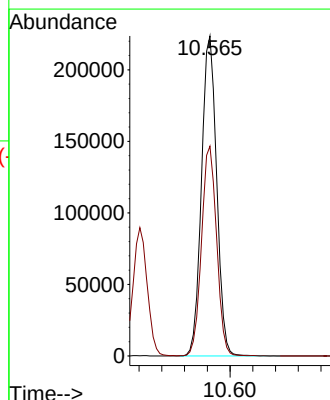
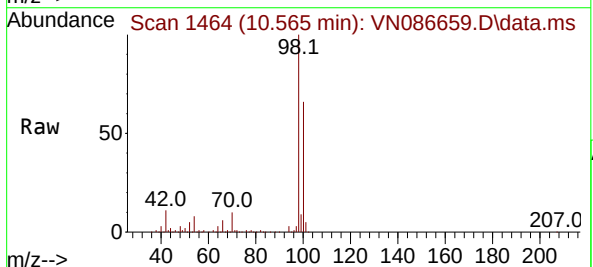
Acq: 15 May 2025 20:50

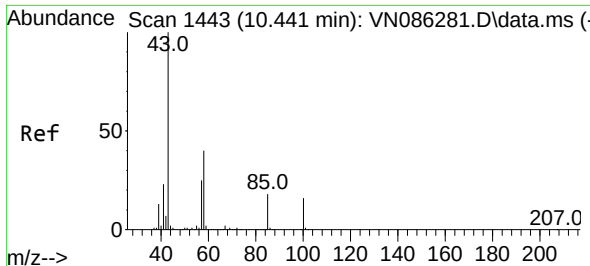
Tgt Ion: 98 Resp: 413564

Ion Ratio Lower Upper

98 100

100 65.4 52.5 78.7

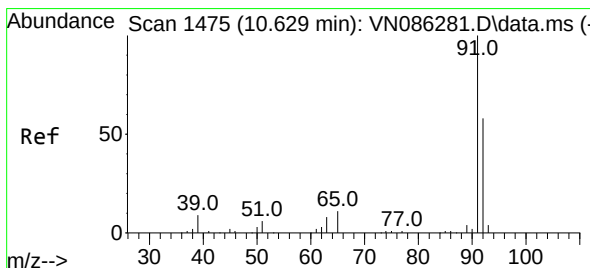
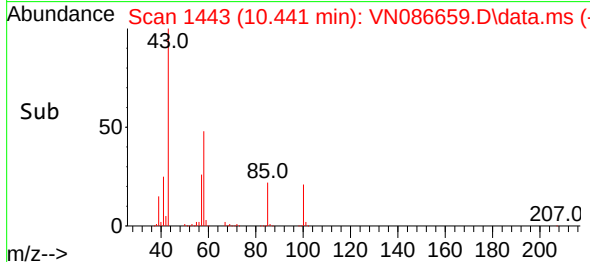
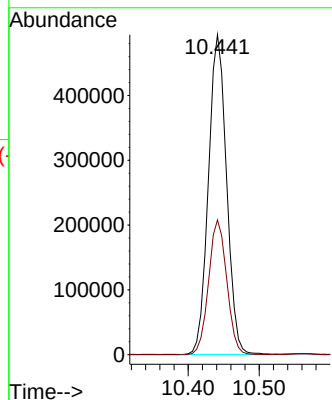
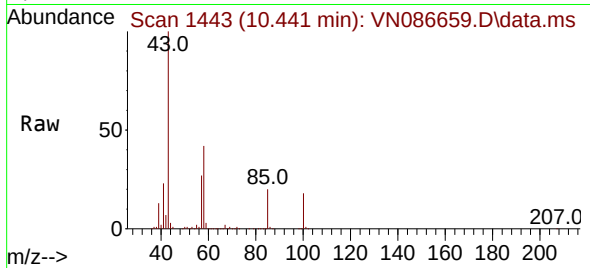




#51
4-Methyl-2-Pentanone
Concen: 242.717 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086659.D
Acq: 15 May 2025 20:50

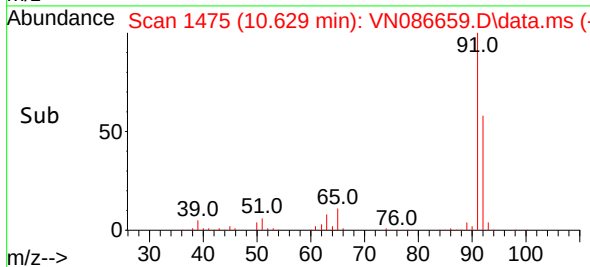
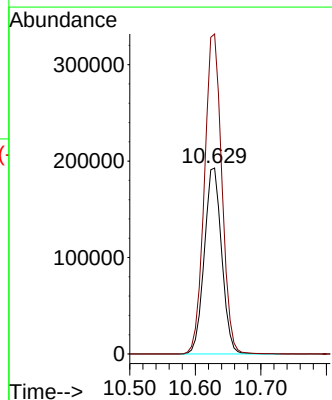
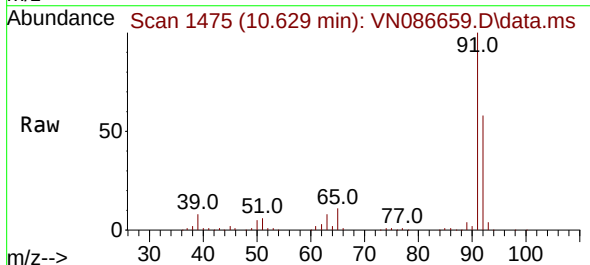
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

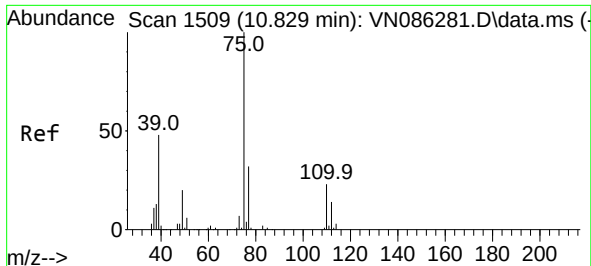
Tgt Ion: 43 Resp: 875599
Ion Ratio Lower Upper
43 100
58 42.2 32.2 48.4



#52
Toluene
Concen: 53.073 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086659.D
Acq: 15 May 2025 20:50

Tgt Ion: 92 Resp: 355048
Ion Ratio Lower Upper
92 100
91 173.0 137.3 205.9

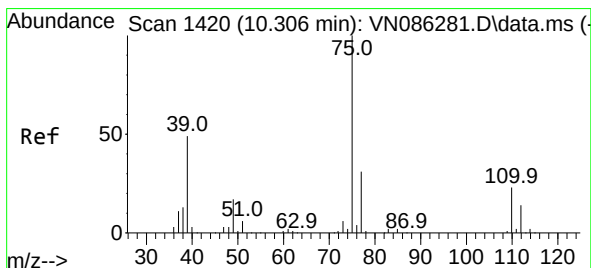
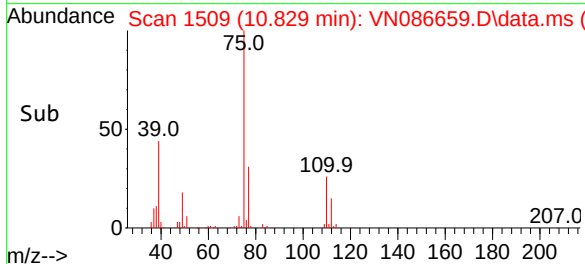
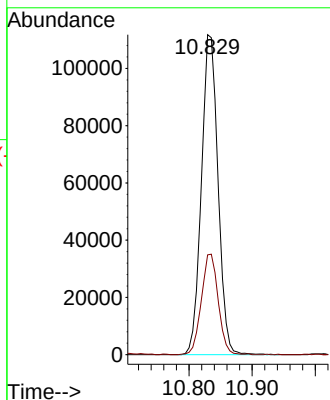
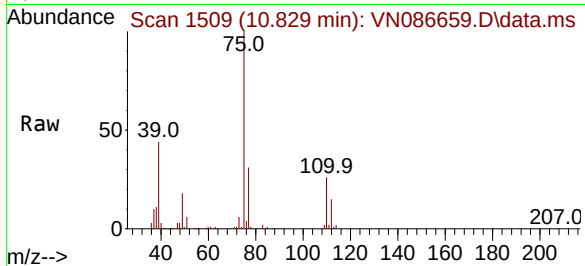




#53
 t-1,3-Dichloropropene
 Concen: 50.655 ug/l
 RT: 10.829 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN086659.D
 Acq: 15 May 2025 20:50

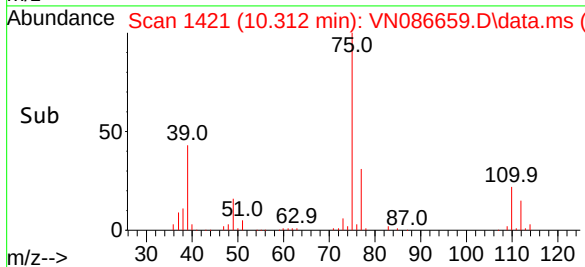
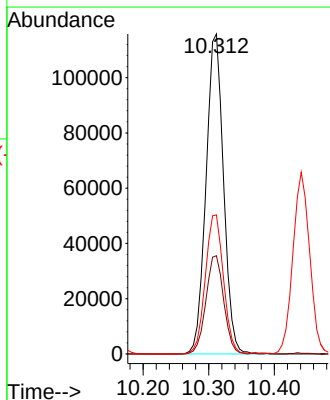
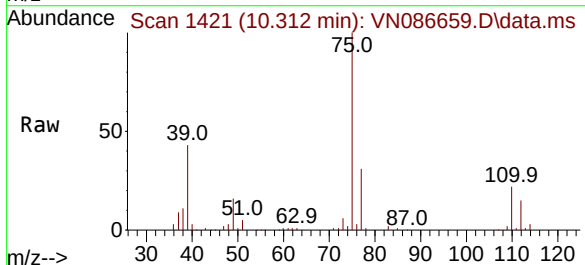
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

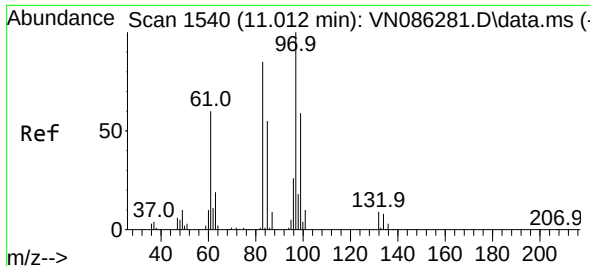
Tgt Ion: 75 Resp: 204210
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 48.710 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.006 min
 Lab File: VN086659.D
 Acq: 15 May 2025 20:50

Tgt Ion: 75 Resp: 215682
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.2 37.8
 39 43.5 39.3 58.9

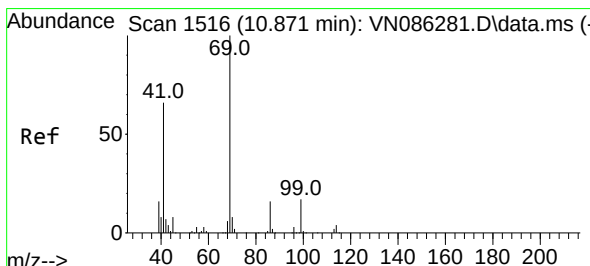
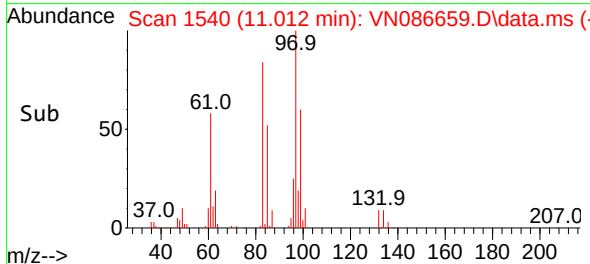
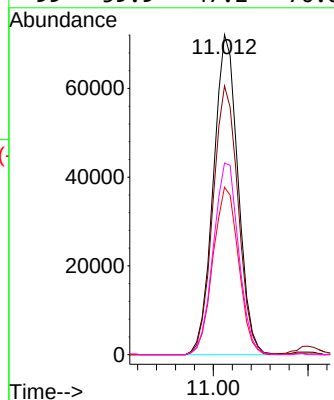
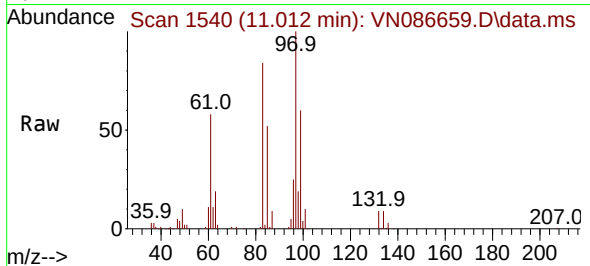




#55
1,1,2-Trichloroethane
Concen: 54.063 ug/l
RT: 11.012 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086659.D
Acq: 15 May 2025 20:50

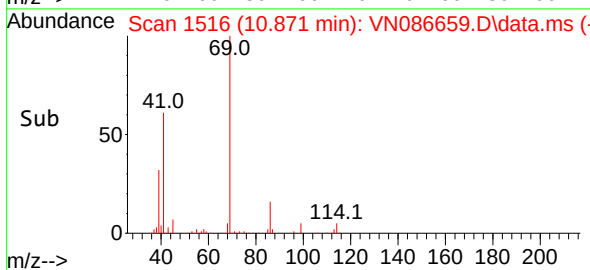
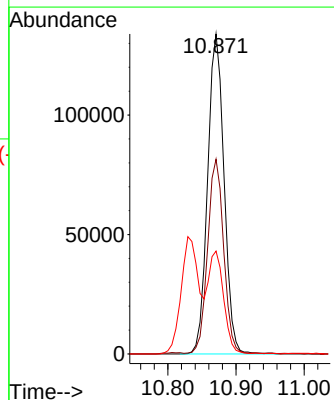
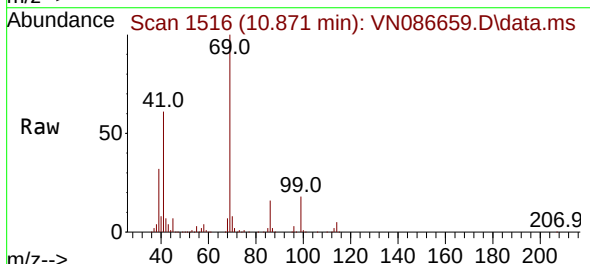
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

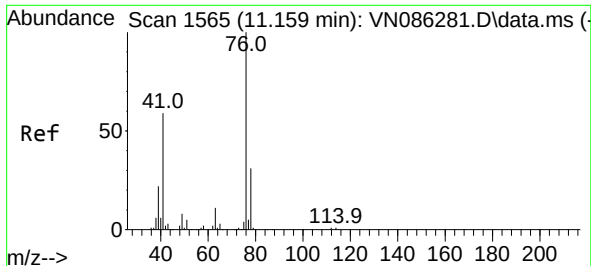
Tgt Ion:	97	Resp:	130125
Ion	Ratio	Lower	Upper
97	100		
83	84.0	68.4	102.6
85	52.3	43.9	65.9
99	59.9	47.2	70.8



#56
Ethyl methacrylate
Concen: 50.773 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086659.D
Acq: 15 May 2025 20:50

Tgt Ion:	69	Resp:	224635
Ion	Ratio	Lower	Upper
69	100		
41	59.3	51.7	77.5
39	29.7	26.3	39.5





#57

1,3-Dichloropropane

Concen: 53.053 ug/l

RT: 11.159 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086659.D

Acq: 15 May 2025 20:50

Instrument :

MSVOA_N

ClientSampleId :

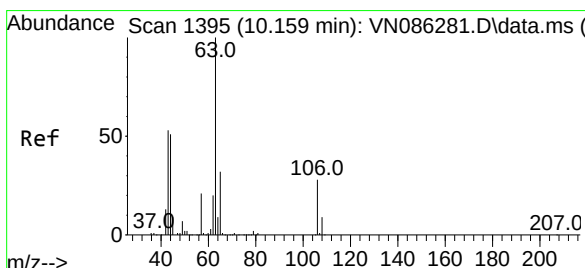
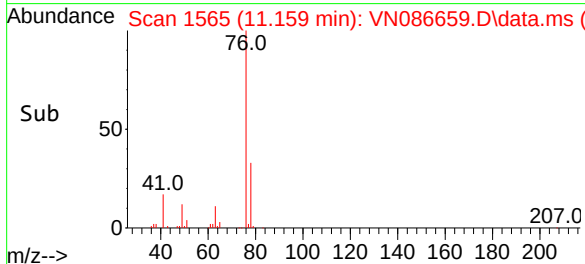
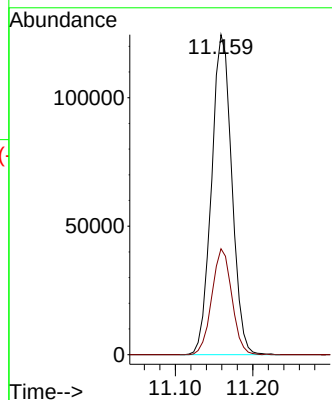
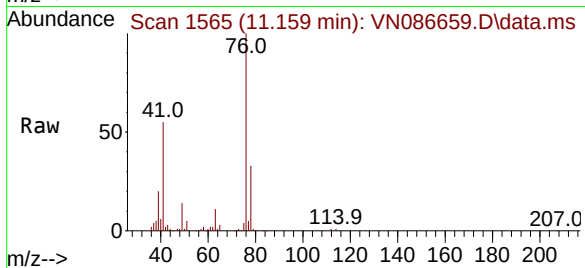
VSTDCCC050EC

Tgt Ion: 76 Resp: 226557

Ion Ratio Lower Upper

76 100

78 32.6 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 205.339 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN086659.D

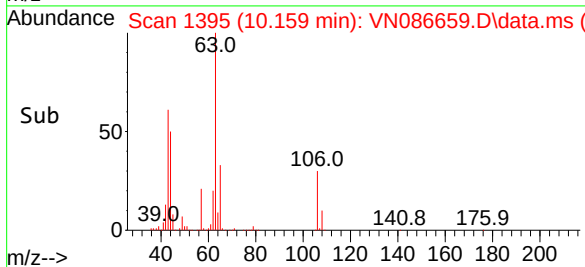
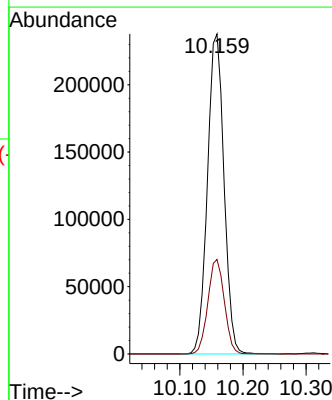
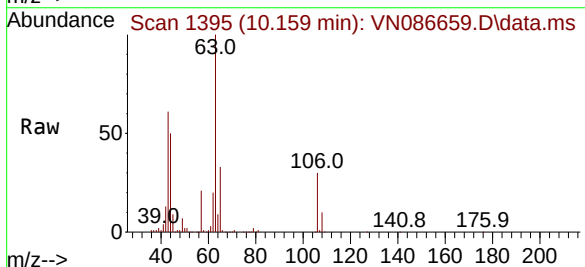
Acq: 15 May 2025 20:50

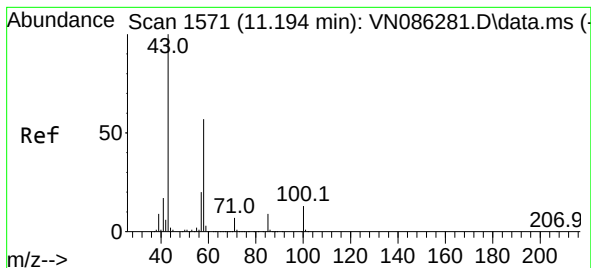
Tgt Ion: 63 Resp: 431192

Ion Ratio Lower Upper

63 100

106 29.4 22.2 33.2

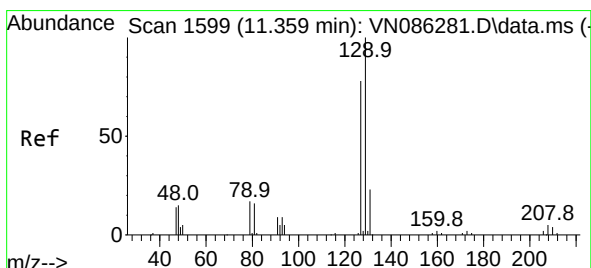
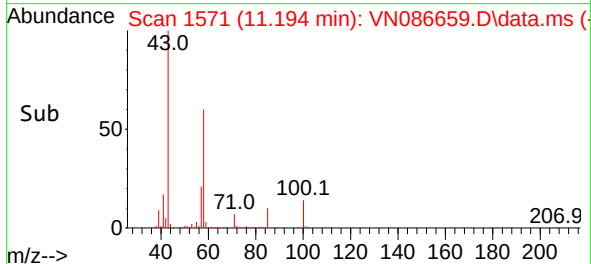
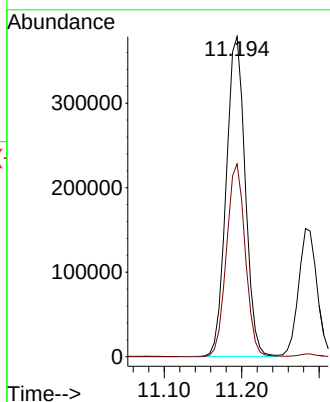
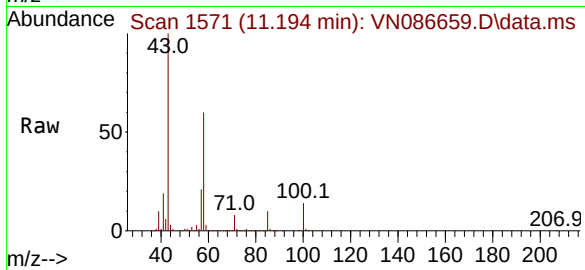




#59
2-Hexanone
Concen: 241.619 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086659.D
Acq: 15 May 2025 20:50

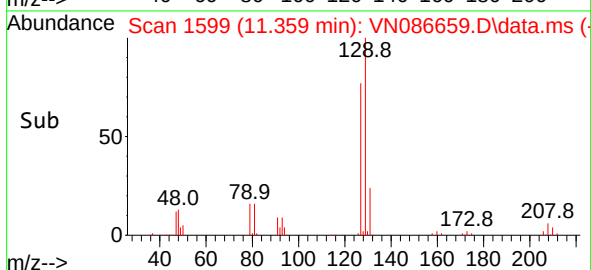
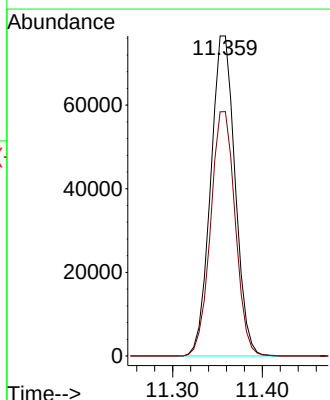
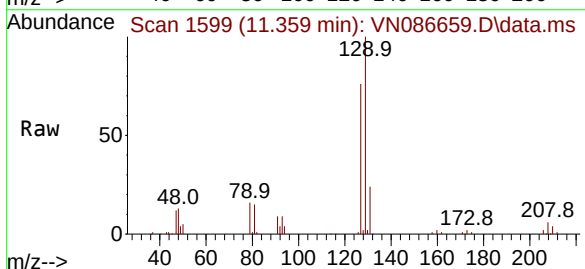
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

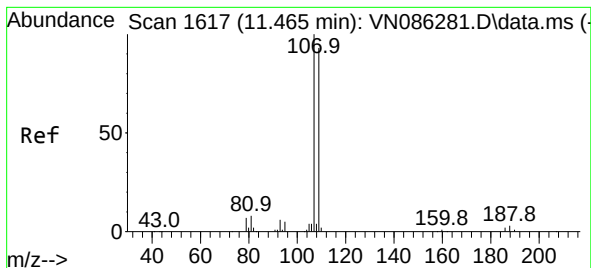
Tgt Ion: 43 Resp: 646521
Ion Ratio Lower Upper
43 100
58 59.5 28.3 85.0



#60
Dibromochloromethane
Concen: 54.732 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086659.D
Acq: 15 May 2025 20:50

Tgt Ion: 129 Resp: 144658
Ion Ratio Lower Upper
129 100
127 76.7 38.7 116.1

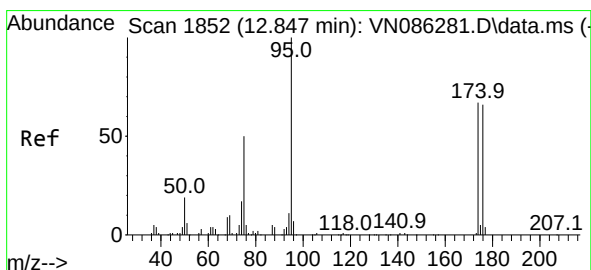
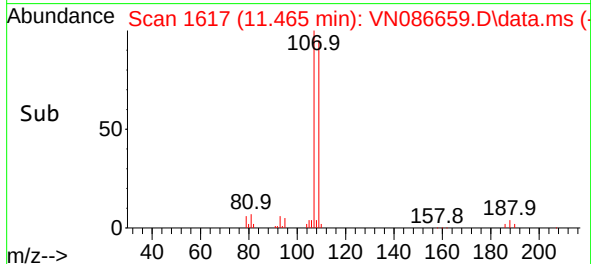
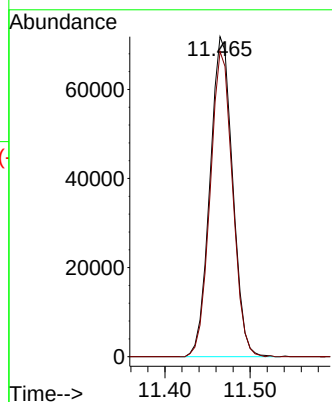
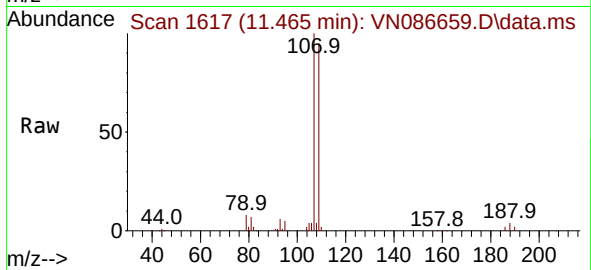




#61
1,2-Dibromoethane
Concen: 54.766 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086659.D
Acq: 15 May 2025 20:50

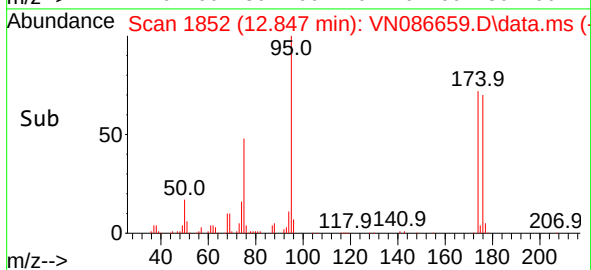
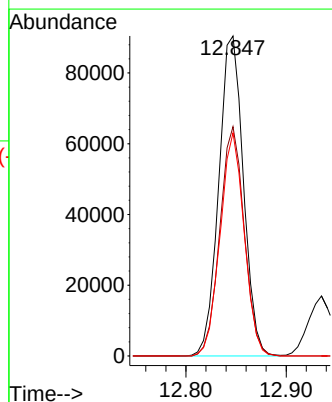
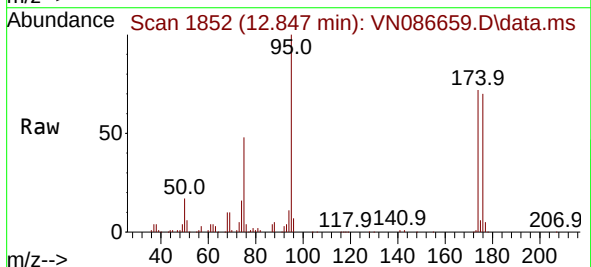
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

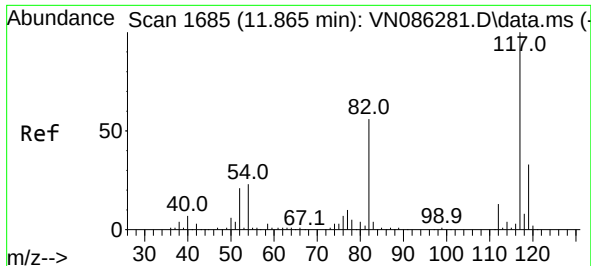
Tgt Ion:107 Resp: 133006
Ion Ratio Lower Upper
107 100
109 93.8 75.4 113.0



#62
4-Bromofluorobenzene
Concen: 47.210 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086659.D
Acq: 15 May 2025 20:50

Tgt Ion: 95 Resp: 154182
Ion Ratio Lower Upper
95 100
174 70.9 0.0 133.4
176 68.1 0.0 129.2

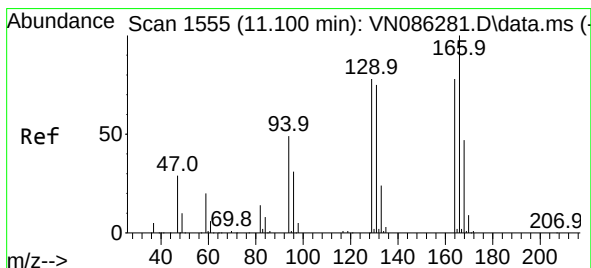
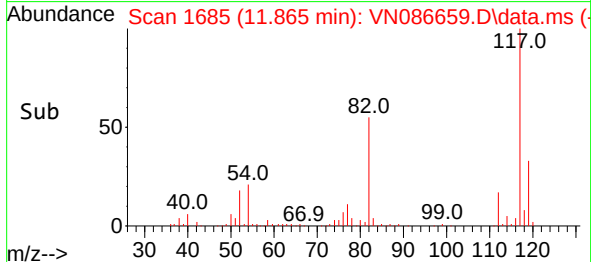
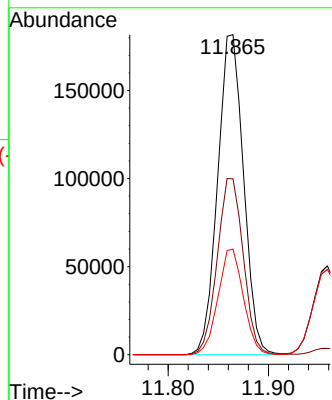
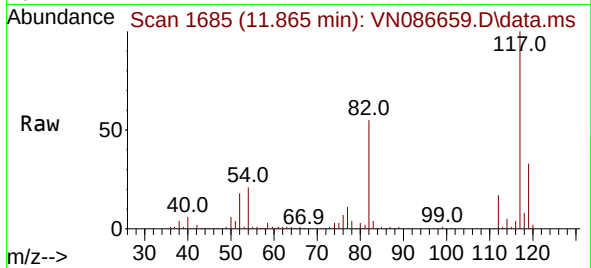




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086659.D
Acq: 15 May 2025 20:50

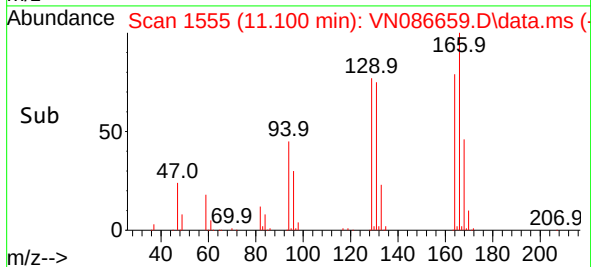
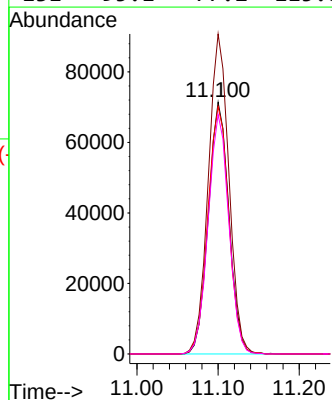
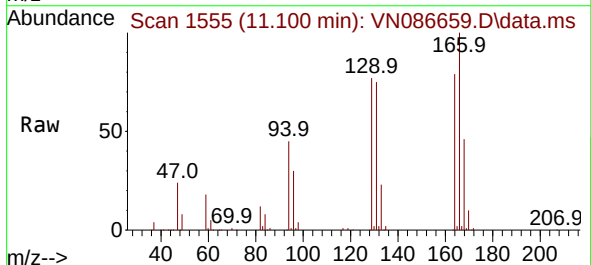
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

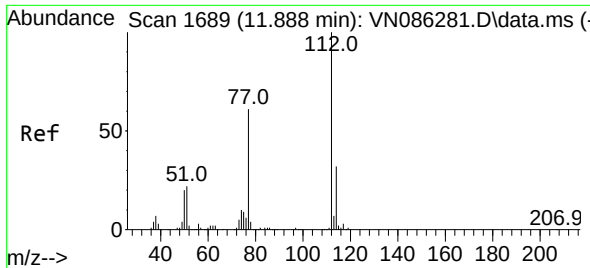
Tgt Ion:117 Resp: 326186
Ion Ratio Lower Upper
117 100
82 55.0 44.7 67.1
119 33.0 26.4 39.6



#64
Tetrachloroethene
Concen: 50.213 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086659.D
Acq: 15 May 2025 20:50

Tgt Ion:164 Resp: 125987
Ion Ratio Lower Upper
164 100
166 127.1 103.0 154.4
129 98.3 80.1 120.1
131 95.1 77.2 115.8

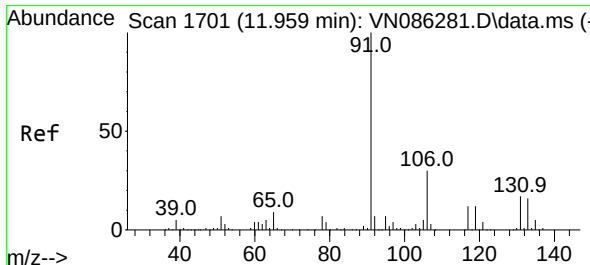
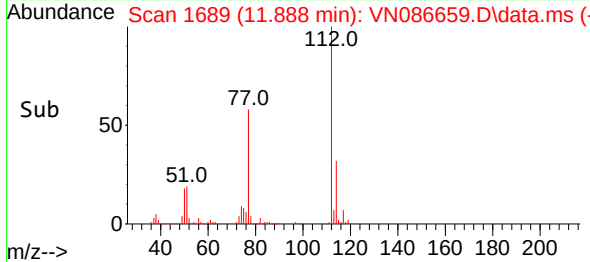
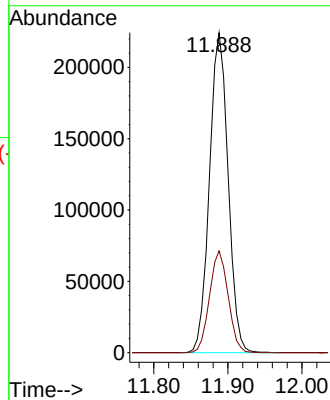
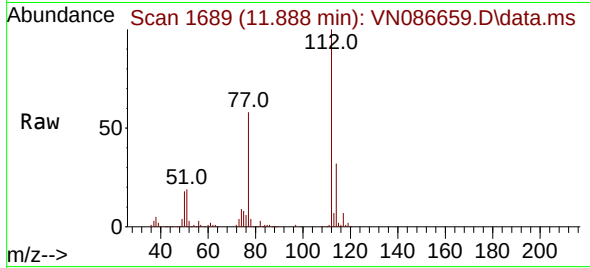




#65
Chlorobenzene
Concen: 53.828 ug/l
RT: 11.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086659.D
Acq: 15 May 2025 20:50

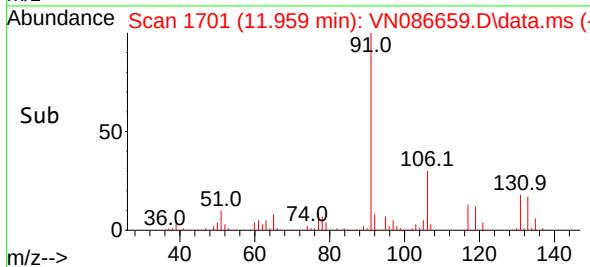
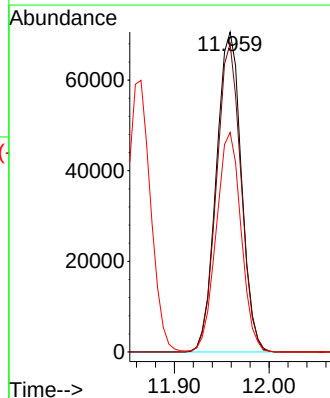
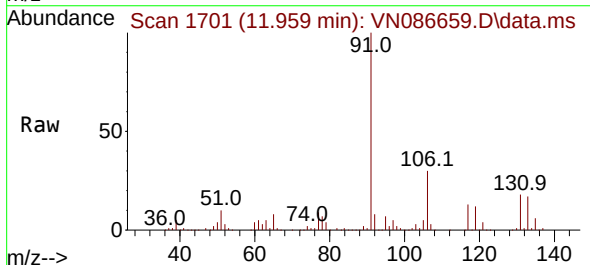
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

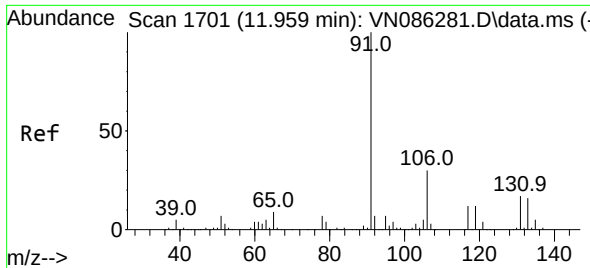
Tgt Ion:112 Resp: 391835
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 53.973 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086659.D
Acq: 15 May 2025 20:50

Tgt Ion:131 Resp: 129613
Ion Ratio Lower Upper
131 100
133 94.4 47.1 141.3
119 68.3 33.8 101.4

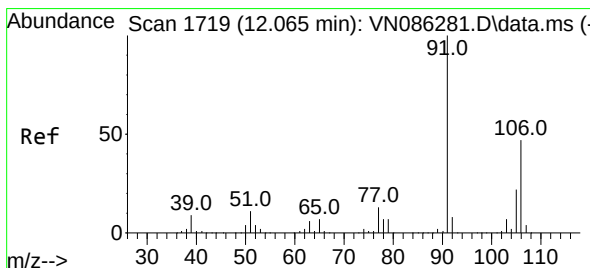
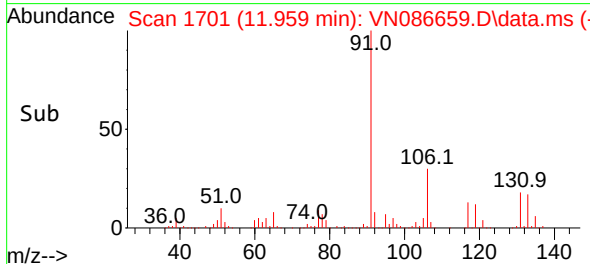
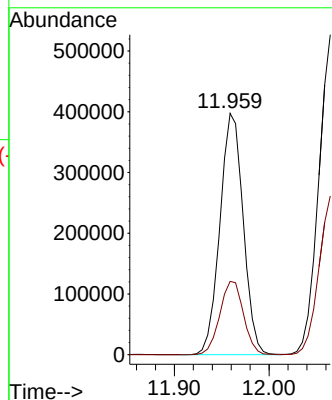
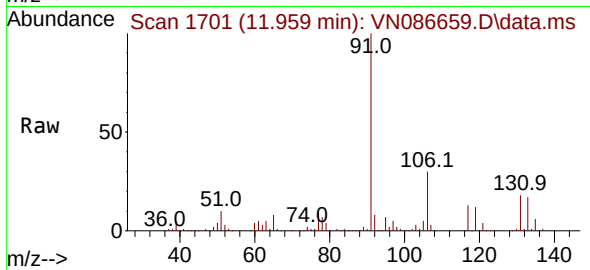




#67
Ethyl Benzene
Concen: 51.729 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086659.D
Acq: 15 May 2025 20:50

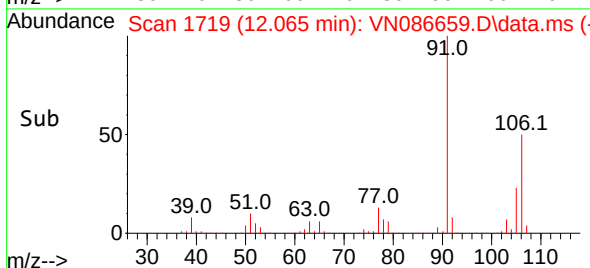
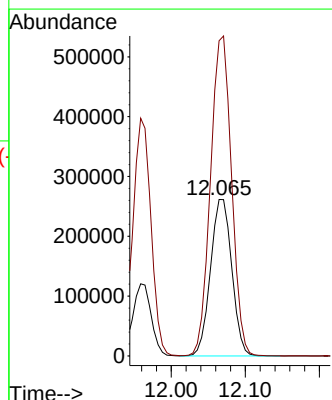
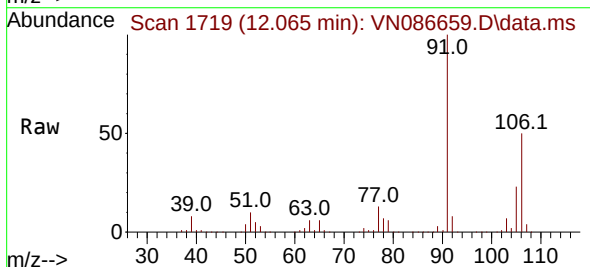
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

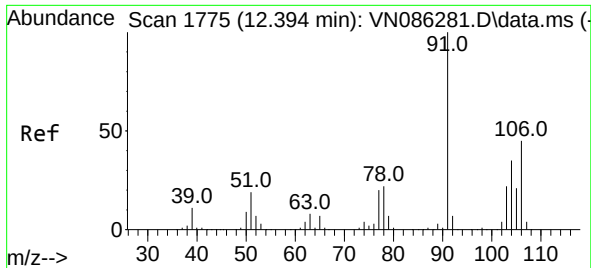
Tgt Ion: 91 Resp: 679502
Ion Ratio Lower Upper
91 100
106 30.3 24.3 36.5



#68
m/p-Xylenes
Concen: 105.998 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086659.D
Acq: 15 May 2025 20:50

Tgt Ion:106 Resp: 521715
Ion Ratio Lower Upper
106 100
91 202.5 166.5 249.7

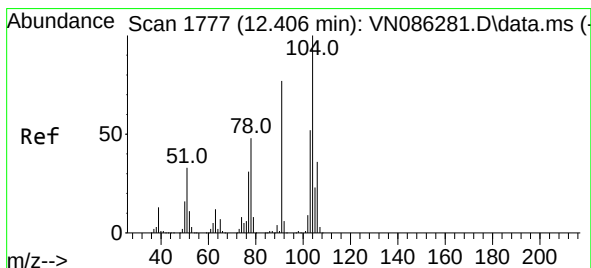
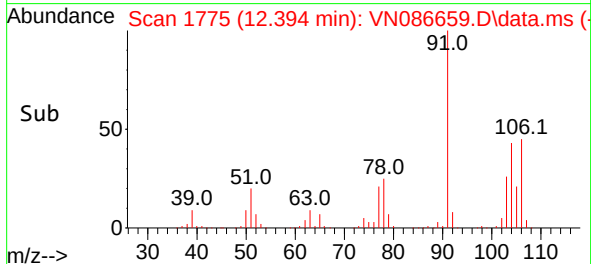
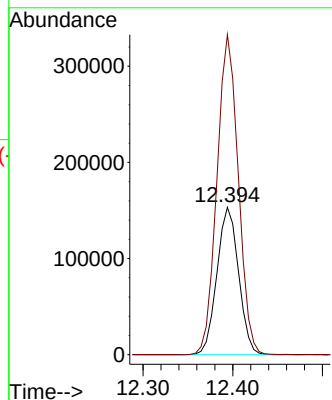
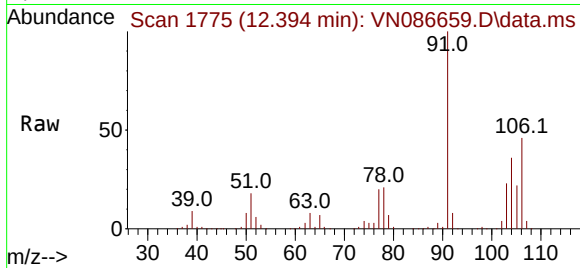




#69
o-Xylene
Concen: 52.681 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086659.D
Acq: 15 May 2025 20:50

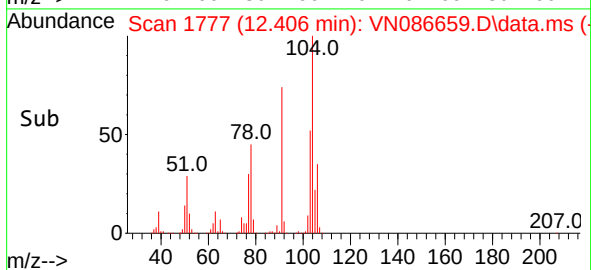
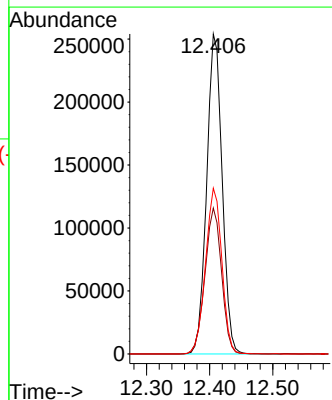
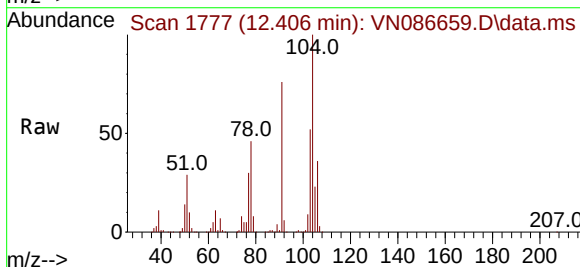
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

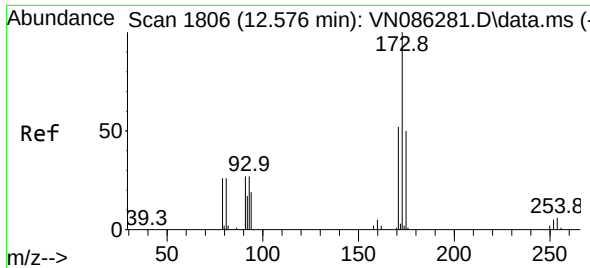
Tgt Ion:106 Resp: 256426
Ion Ratio Lower Upper
106 100
91 214.7 109.7 329.0



#70
Styrene
Concen: 53.465 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086659.D
Acq: 15 May 2025 20:50

Tgt Ion:104 Resp: 433616
Ion Ratio Lower Upper
104 100
78 48.8 40.6 61.0
103 54.7 43.6 65.4

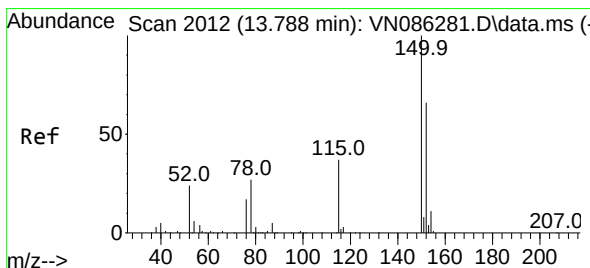
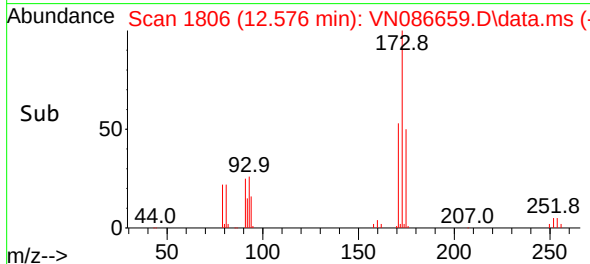
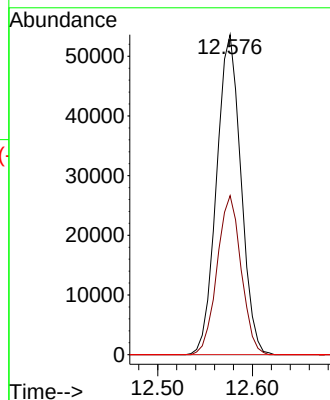
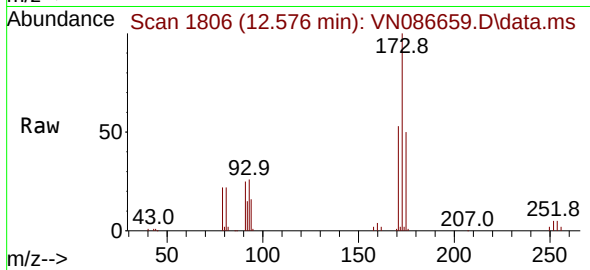




#71
Bromoform
Concen: 53.034 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086659.D
Acq: 15 May 2025 20:50

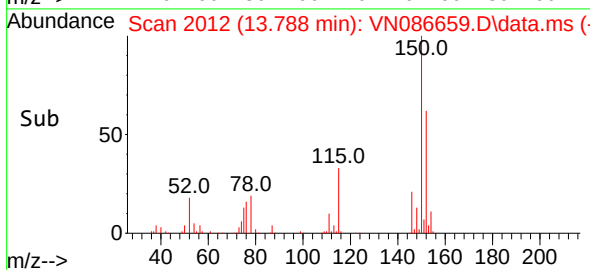
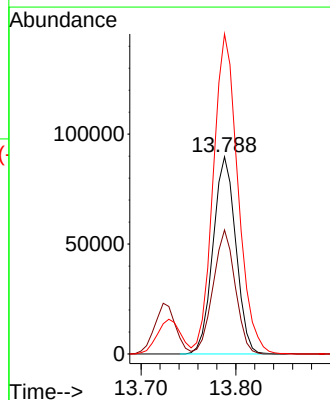
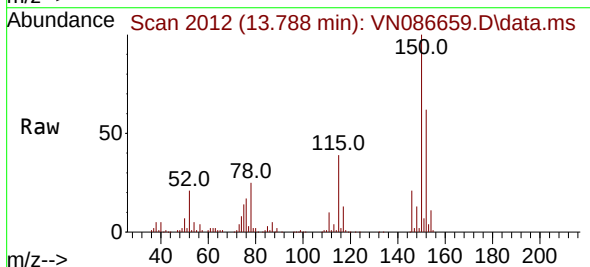
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

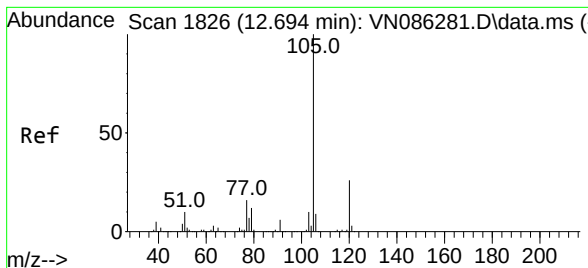
Tgt Ion:173 Resp: 95888
Ion Ratio Lower Upper
173 100
175 49.0 24.6 73.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086659.D
Acq: 15 May 2025 20:50

Tgt Ion:152 Resp: 149901
Ion Ratio Lower Upper
152 100
115 61.3 31.9 95.9
150 176.2 0.0 352.0





#73

Isopropylbenzene

Concen: 50.386 ug/l

RT: 12.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086659.D

Acq: 15 May 2025 20:50

Instrument :

MSVOA_N

ClientSampleId :

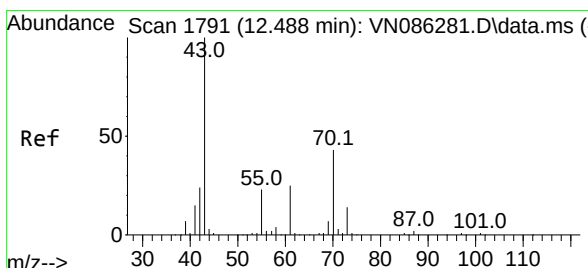
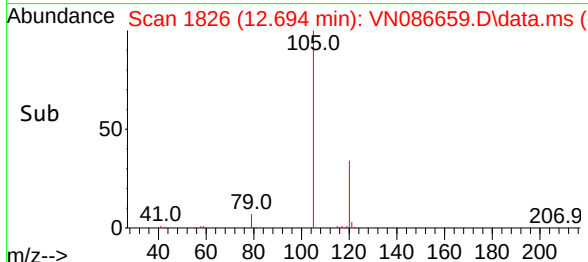
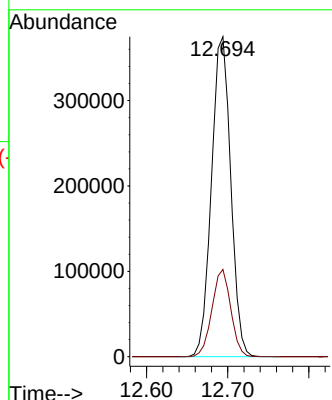
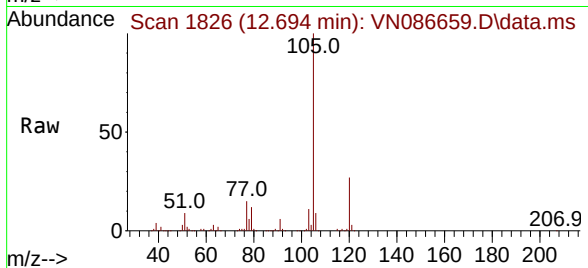
VSTDCCC050EC

Tgt Ion:105 Resp: 617843

Ion Ratio Lower Upper

105 100

120 26.5 13.1 39.3



#74

N-ethyl acetate

Concen: 43.762 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VN086659.D

Acq: 15 May 2025 20:50

Tgt Ion: 43 Resp: 267145

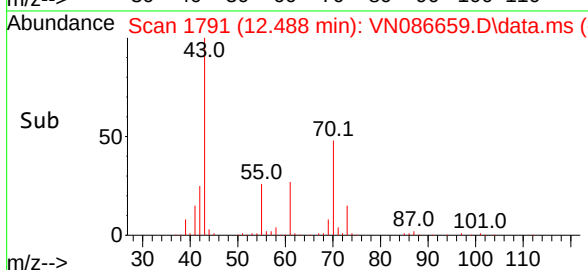
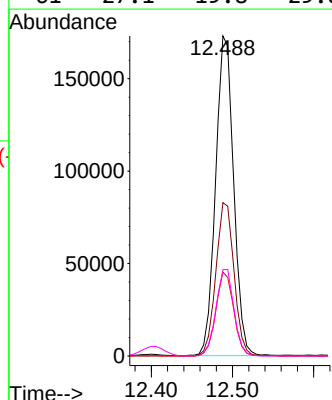
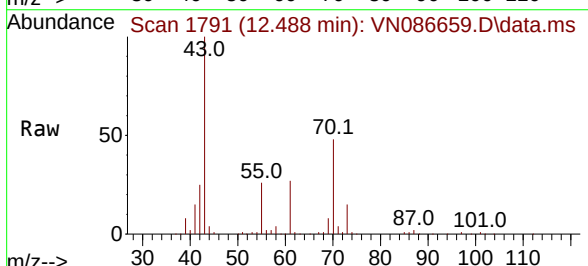
Ion Ratio Lower Upper

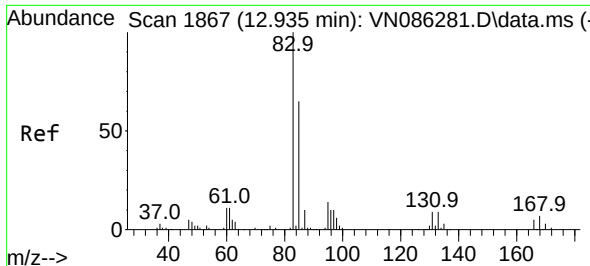
43 100

70 48.3 35.0 52.4

55 25.8 19.0 28.4

61 27.1 19.8 29.8

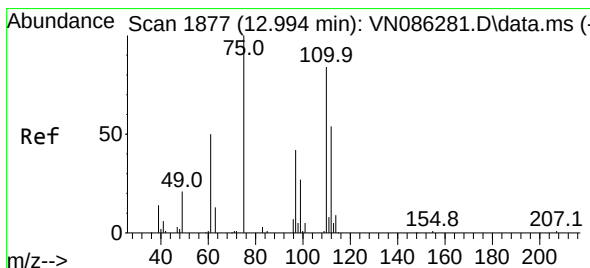
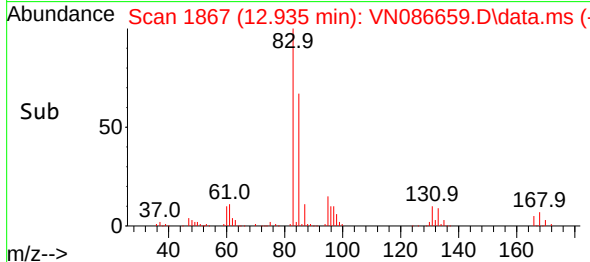
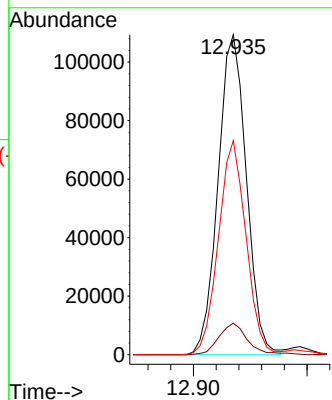
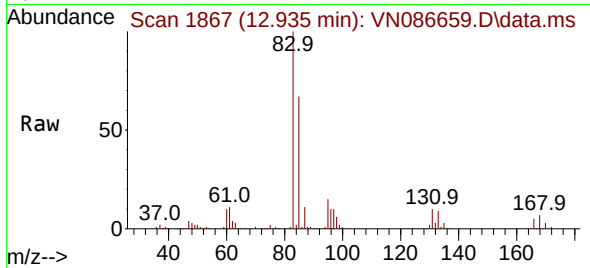




#75
1,1,2,2-Tetrachloroethane
Concen: 53.647 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086659.D
Acq: 15 May 2025 20:50

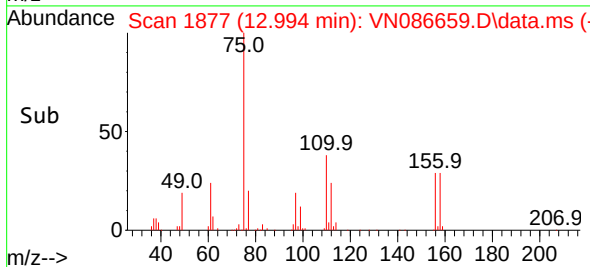
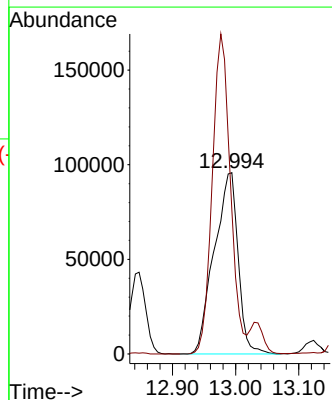
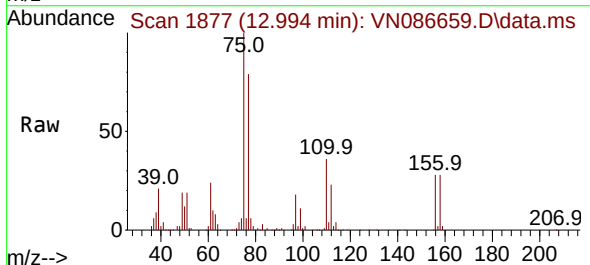
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

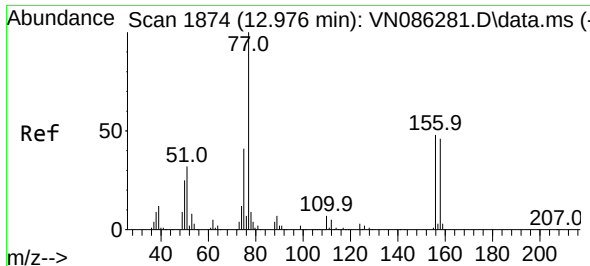
Tgt Ion: 83 Resp: 189145
Ion Ratio Lower Upper
83 100
131 9.9 4.7 14.1
85 65.2 32.7 98.1



#76
1,2,3-Trichloropropane
Concen: 71.057 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN086659.D
Acq: 15 May 2025 20:50

Tgt Ion: 75 Resp: 251360
Ion Ratio Lower Upper
75 100
77 134.5 98.8 296.4

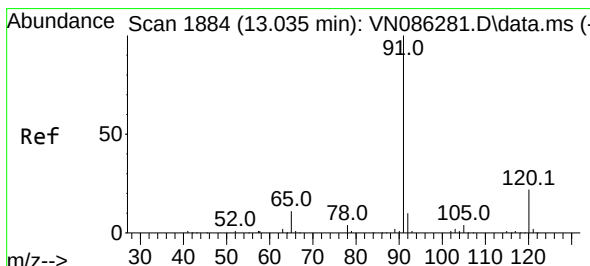
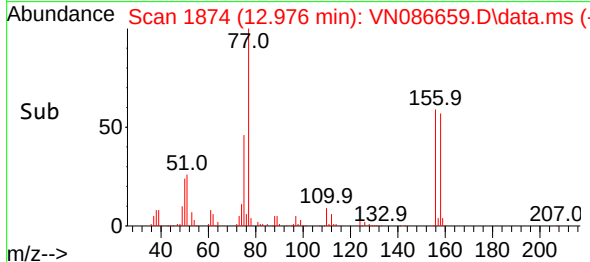
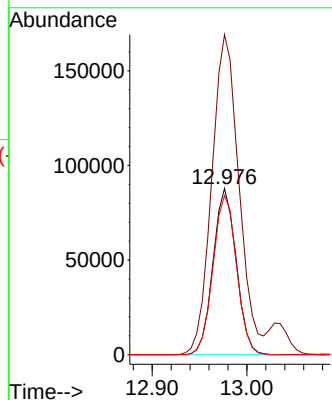
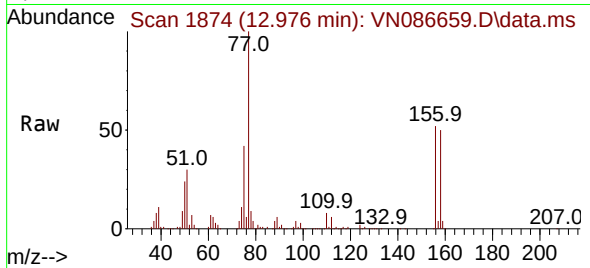




#77
Bromobenzene
Concen: 54.896 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086659.D
Acq: 15 May 2025 20:50

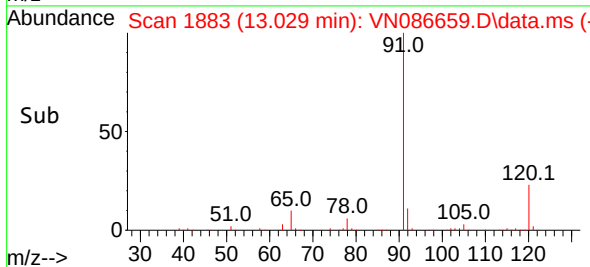
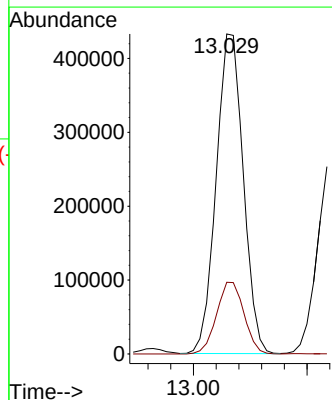
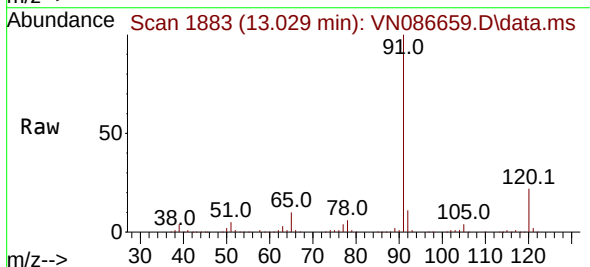
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

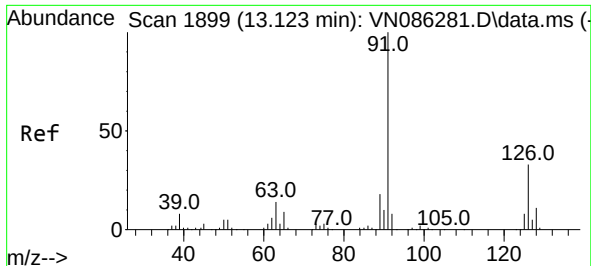
Tgt Ion:156 Resp: 149151
Ion Ratio Lower Upper
156 100
77 226.6 121.1 363.1
158 97.4 47.9 143.6



#78
n-propylbenzene
Concen: 49.592 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN086659.D
Acq: 15 May 2025 20:50

Tgt Ion: 91 Resp: 716570
Ion Ratio Lower Upper
91 100
120 22.7 11.1 33.3

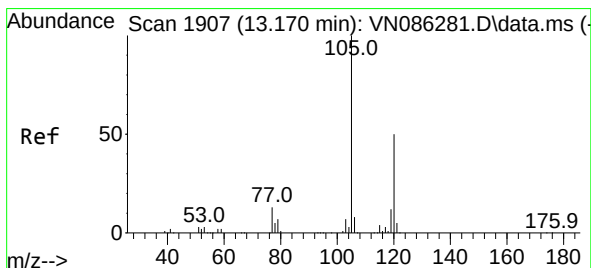
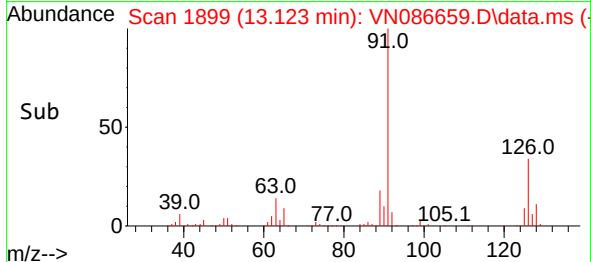
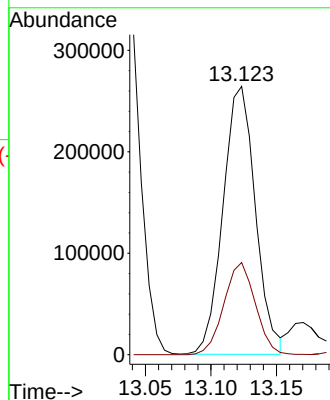
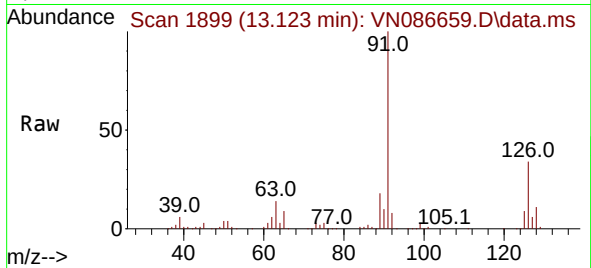




#79
2-Chlorotoluene
Concen: 50.297 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086659.D
Acq: 15 May 2025 20:50

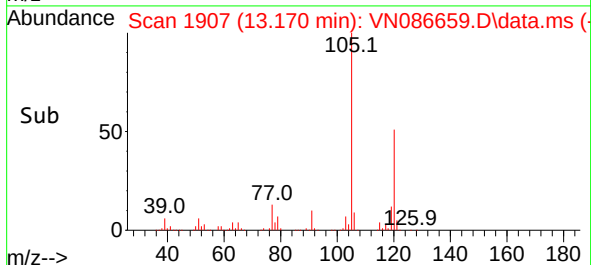
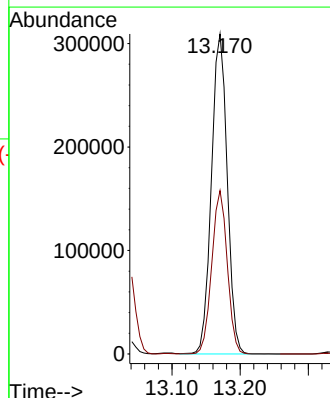
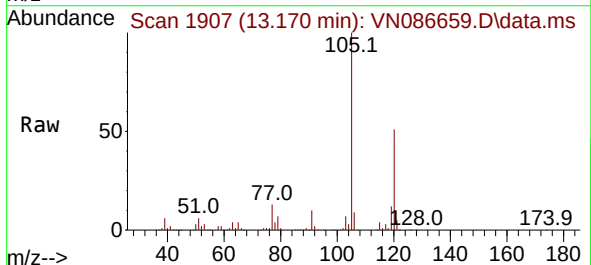
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

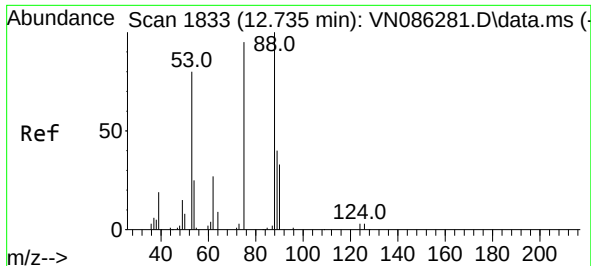
Tgt Ion: 91 Resp: 454764
Ion Ratio Lower Upper
91 100
126 33.3 16.1 48.2



#80
1,3,5-Trimethylbenzene
Concen: 49.746 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086659.D
Acq: 15 May 2025 20:50

Tgt Ion: 105 Resp: 499261
Ion Ratio Lower Upper
105 100
120 50.1 24.5 73.5

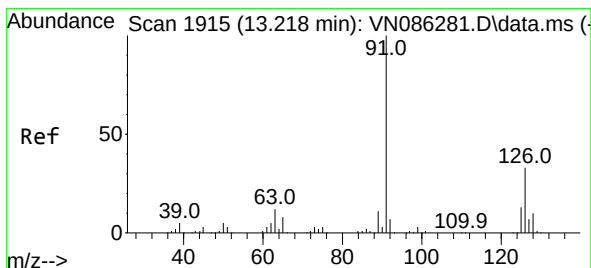
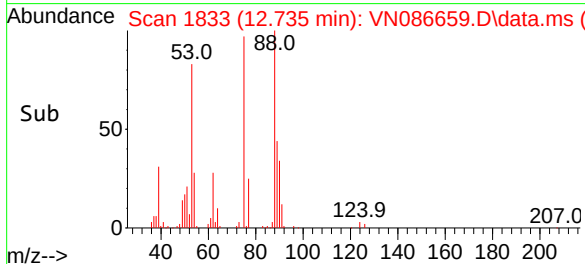
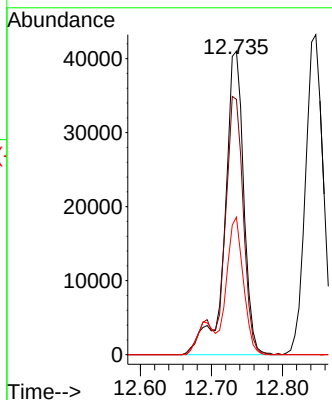
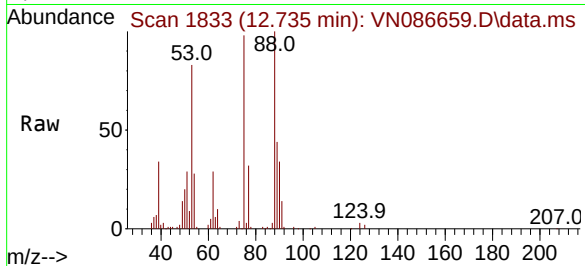




#81
trans-1,4-Dichloro-2-butene
Concen: 51.391 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086659.D
Acq: 15 May 2025 20:50

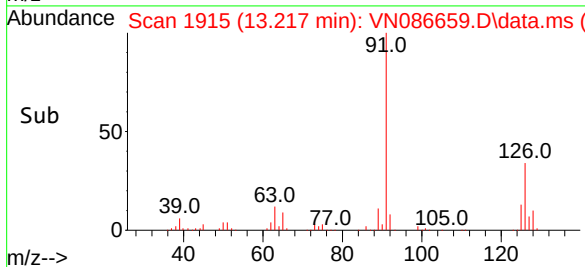
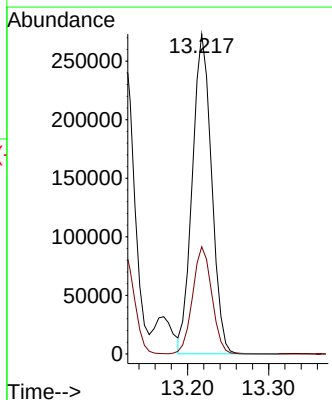
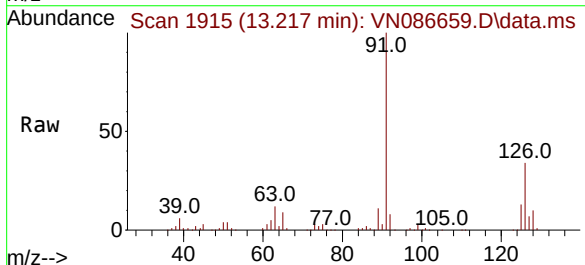
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

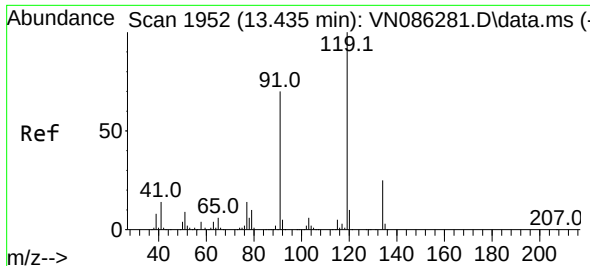
Tgt Ion	75	Resp:	75695
Ion	Ratio	Lower	Upper
75	100		
53	79.3	79.2	118.8
89	40.2	35.7	53.5



#82
4-Chlorotoluene
Concen: 50.031 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086659.D
Acq: 15 May 2025 20:50

Tgt Ion	91	Resp:	449362
Ion	Ratio	Lower	Upper
91	100		
126	33.5	16.2	48.6

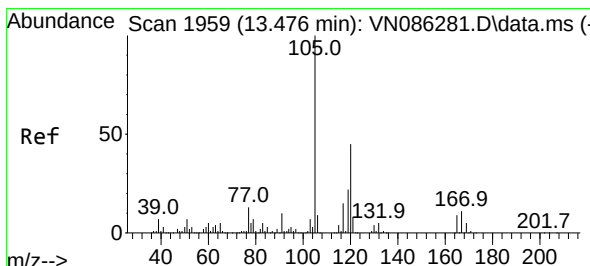
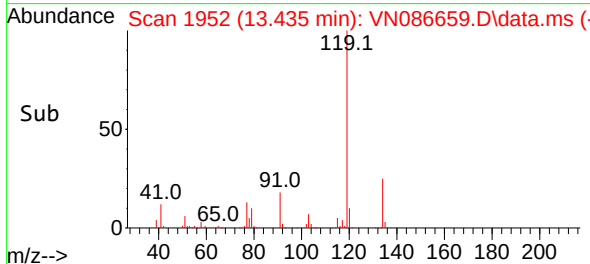
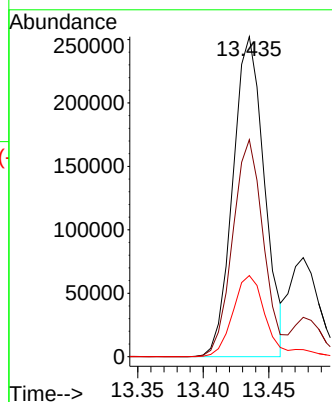
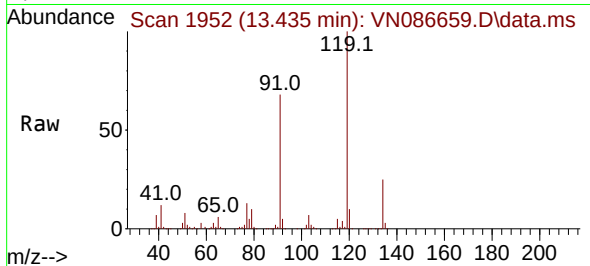




#83
 tert-Butylbenzene
 Concen: 48.590 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. -0.000 min
 Lab File: VN086659.D
 Acq: 15 May 2025 20:50

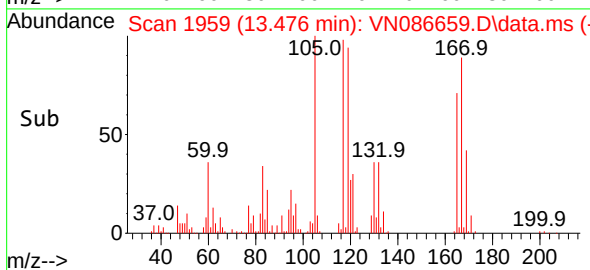
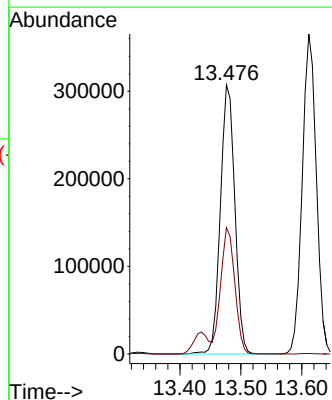
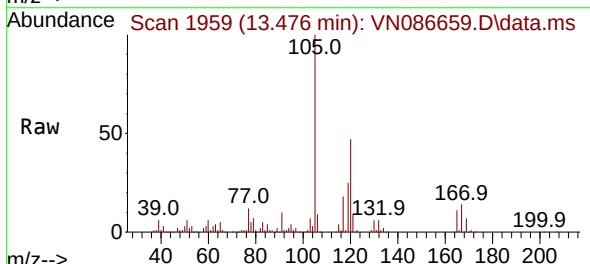
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

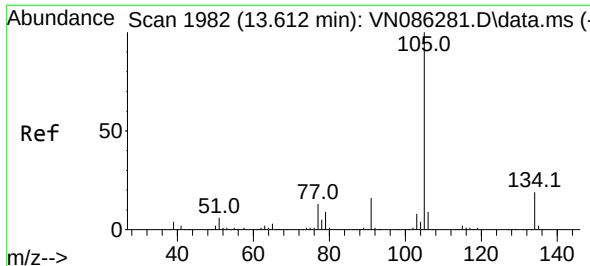
Tgt Ion:119 Resp: 422550
 Ion Ratio Lower Upper
 119 100
 91 67.0 34.4 103.3
 134 27.1 13.0 39.0



#84
 1,2,4-Trimethylbenzene
 Concen: 49.572 ug/l
 RT: 13.476 min Scan# 1959
 Delta R.T. -0.000 min
 Lab File: VN086659.D
 Acq: 15 May 2025 20:50

Tgt Ion:105 Resp: 506427
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.4 67.3

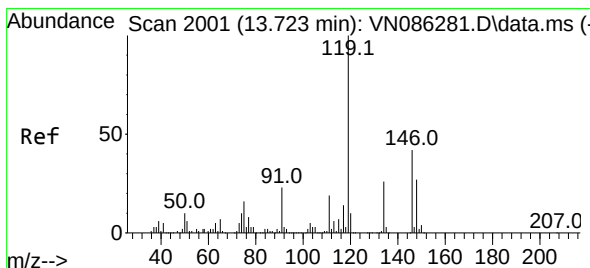
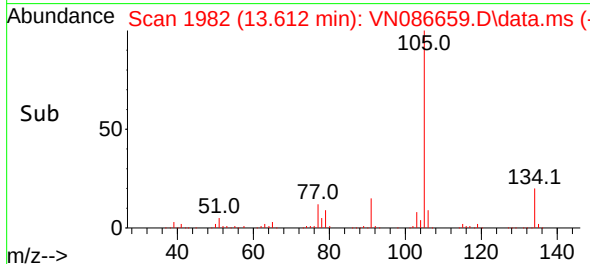
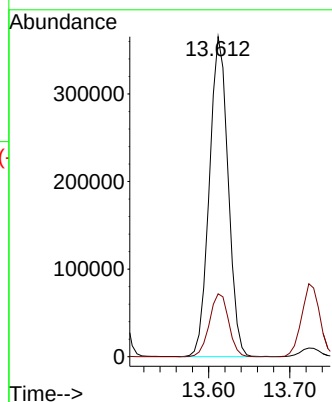
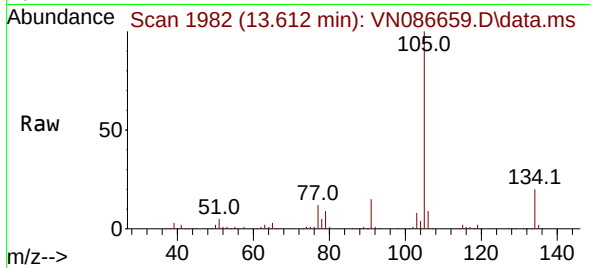




#85
 sec-Butylbenzene
 Concen: 48.517 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086659.D
 Acq: 15 May 2025 20:50

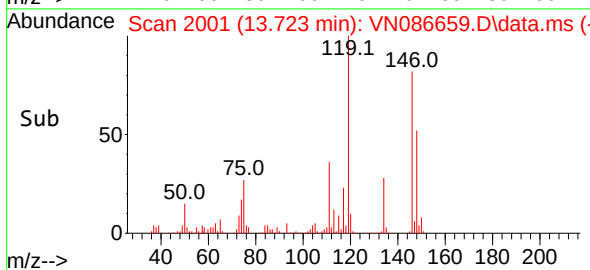
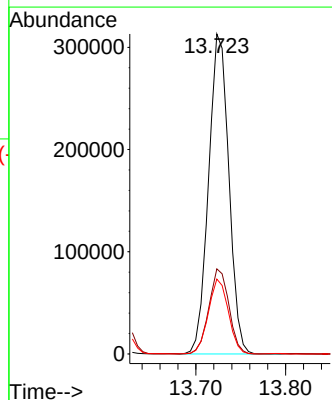
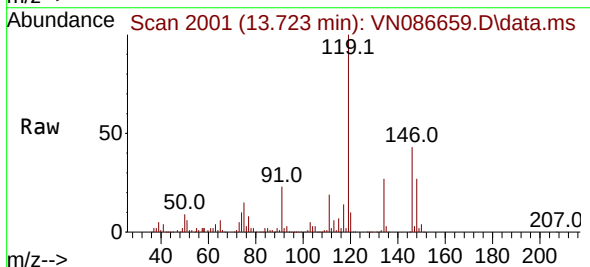
Instrument :
 MSVOA_N
 ClientSampleId :
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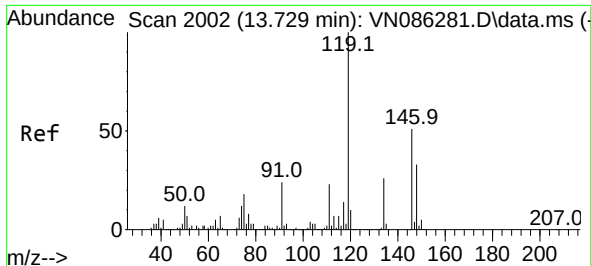
Tgt Ion:105 Resp: 585221
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 49.443 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086659.D
 Acq: 15 May 2025 20:50

Tgt Ion:119 Resp: 491583
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.1
 91 23.2 11.9 35.9

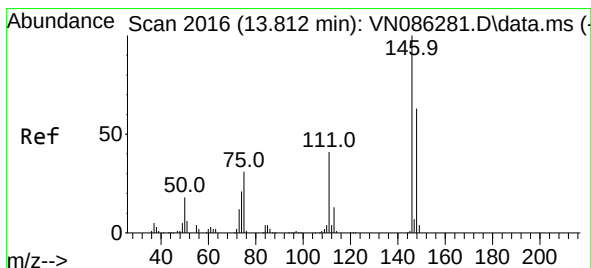
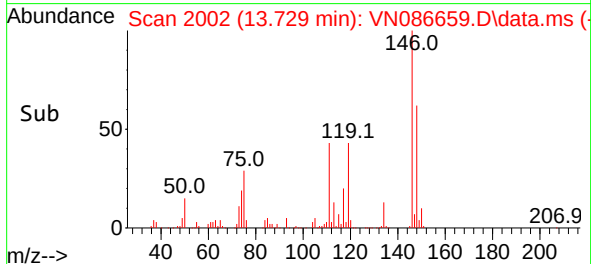
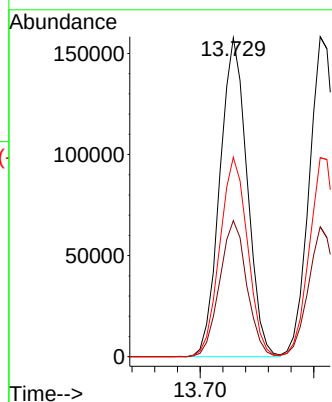
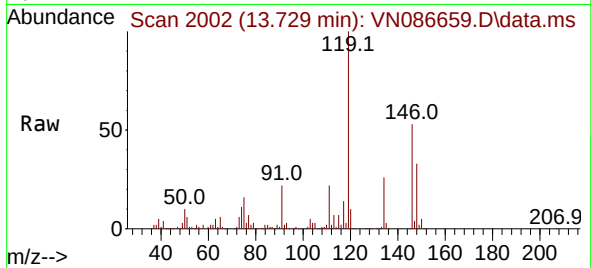




#87
 1,3-Dichlorobenzene
 Concen: 51.532 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086659.D
 Acq: 15 May 2025 20:50

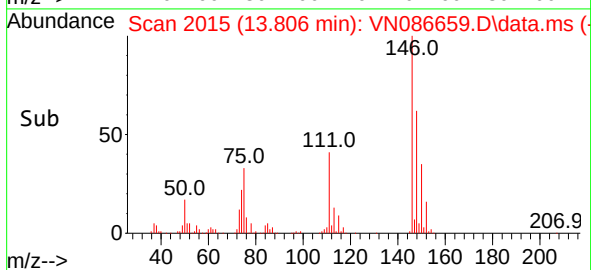
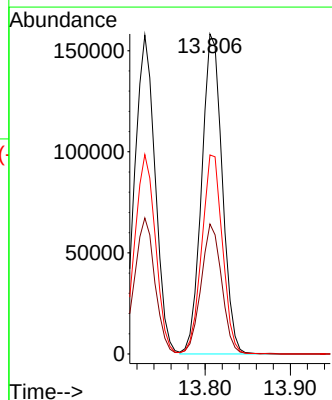
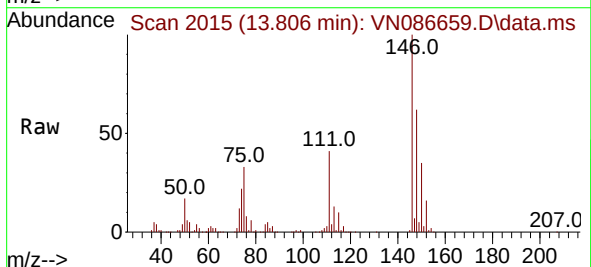
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

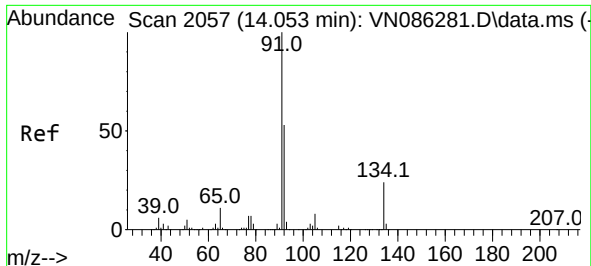
Tgt Ion:146 Resp: 263201
 Ion Ratio Lower Upper
 146 100
 111 42.6 21.9 65.7
 148 63.6 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 51.589 ug/l
 RT: 13.806 min Scan# 2015
 Delta R.T. -0.006 min
 Lab File: VN086659.D
 Acq: 15 May 2025 20:50

Tgt Ion:146 Resp: 265395
 Ion Ratio Lower Upper
 146 100
 111 40.3 21.3 63.9
 148 62.5 31.9 95.9

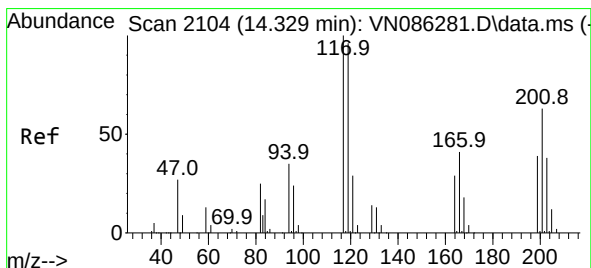
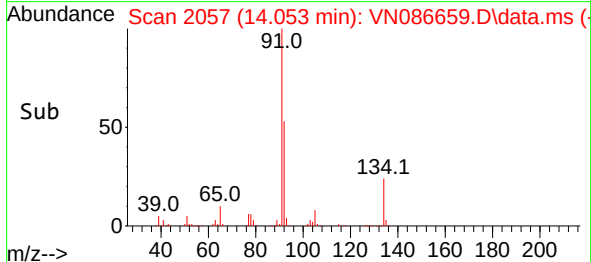
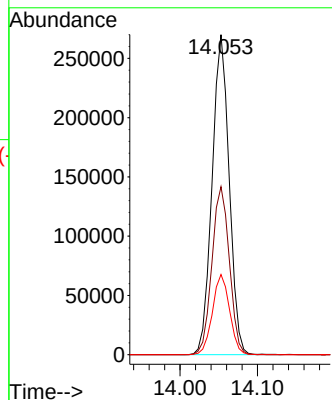
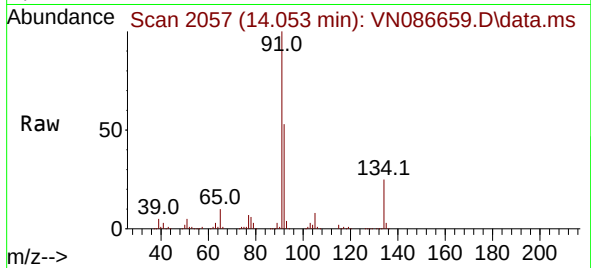




#89
n-Butylbenzene
Concen: 46.933 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086659.D
Acq: 15 May 2025 20:50

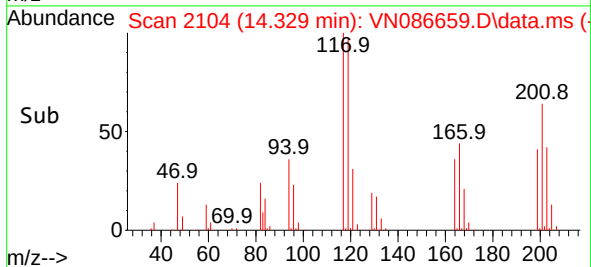
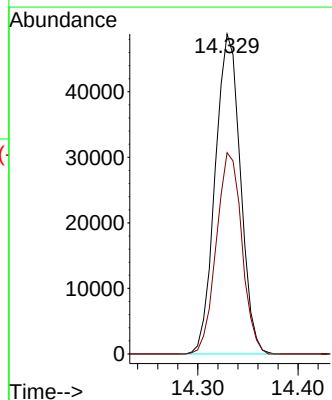
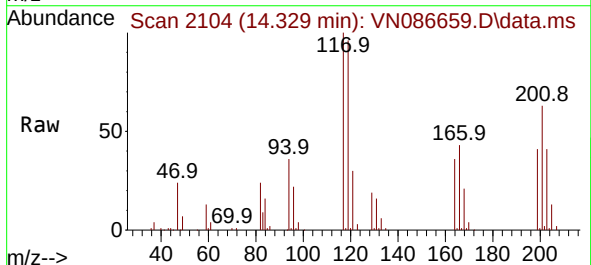
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

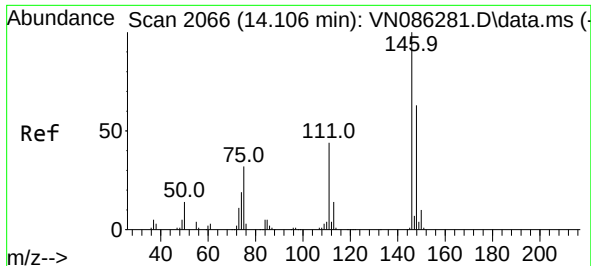
Tgt Ion: 91 Resp: 413606
Ion Ratio Lower Upper
91 100
92 53.6 26.8 80.4
134 25.2 12.2 36.6



#90
Hexachloroethane
Concen: 50.930 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086659.D
Acq: 15 May 2025 20:50

Tgt Ion: 117 Resp: 85173
Ion Ratio Lower Upper
117 100
201 63.6 31.4 94.2

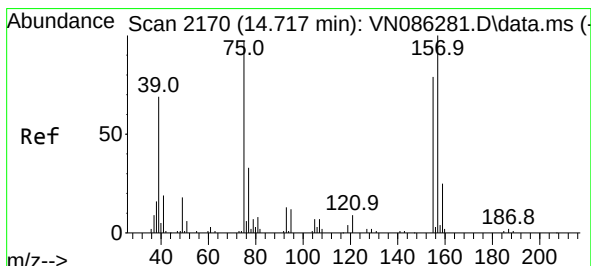
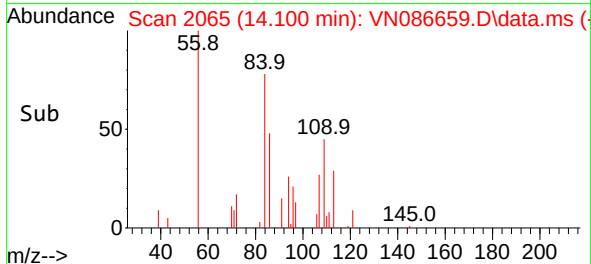
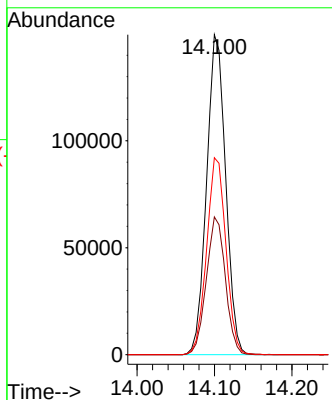
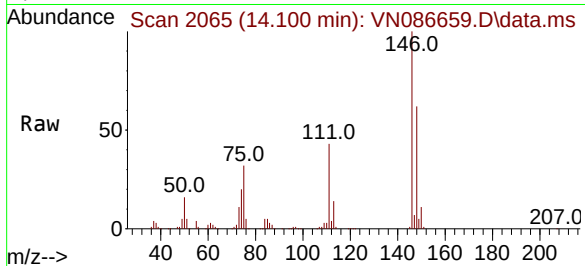




#91
 1,2-Dichlorobenzene
 Concen: 51.566 ug/l
 RT: 14.100 min Scan# 2066
 Delta R.T. -0.006 min
 Lab File: VN086659.D
 Acq: 15 May 2025 20:50

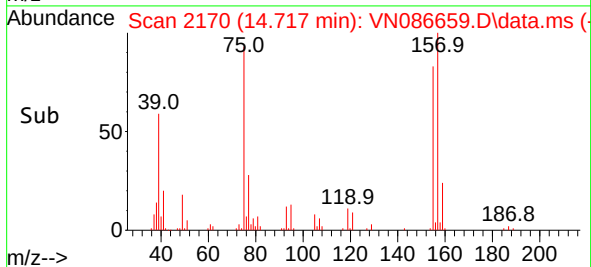
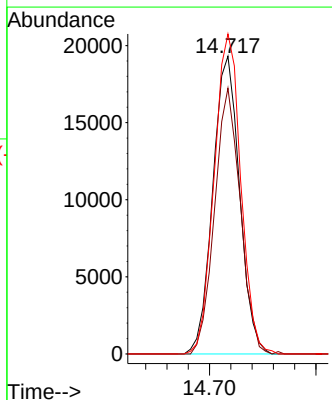
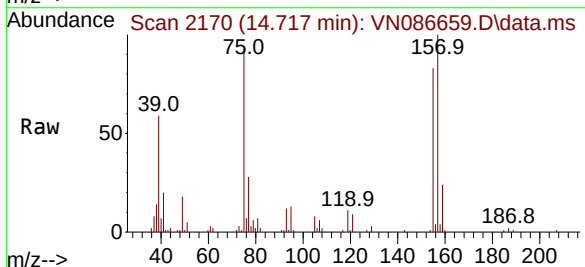
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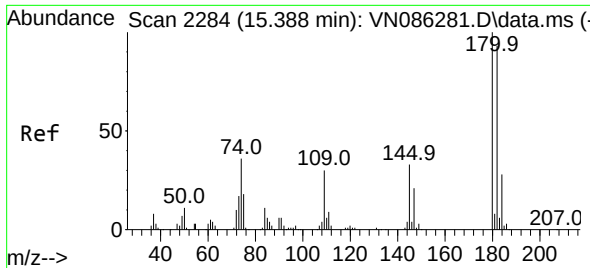
Tgt Ion:146 Resp: 255347
 Ion Ratio Lower Upper
 146 100
 111 43.1 22.4 67.0
 148 62.4 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.318 ug/l
 RT: 14.717 min Scan# 2170
 Delta R.T. -0.000 min
 Lab File: VN086659.D
 Acq: 15 May 2025 20:50

Tgt Ion: 75 Resp: 33639
 Ion Ratio Lower Upper
 75 100
 155 85.8 40.3 120.9
 157 107.1 49.0 147.2

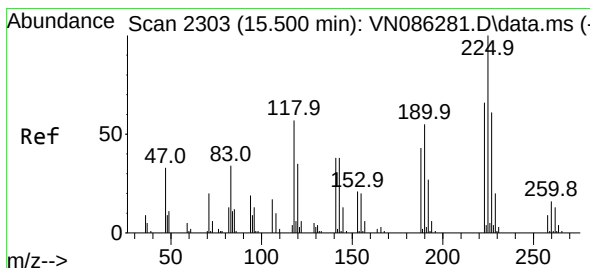
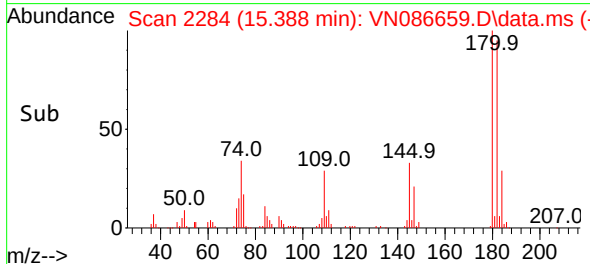
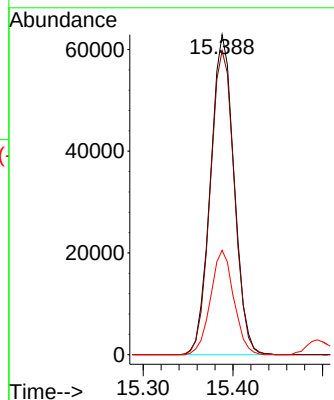
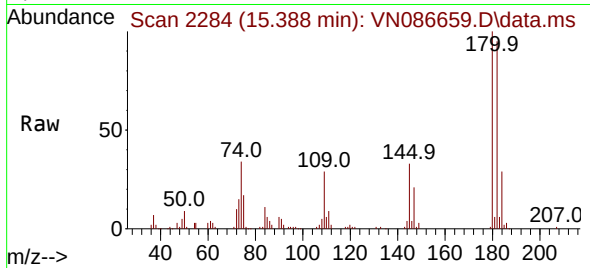




#93
 1,2,4-Trichlorobenzene
 Concen: 48.446 ug/l
 RT: 15.388 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN086659.D
 Acq: 15 May 2025 20:50

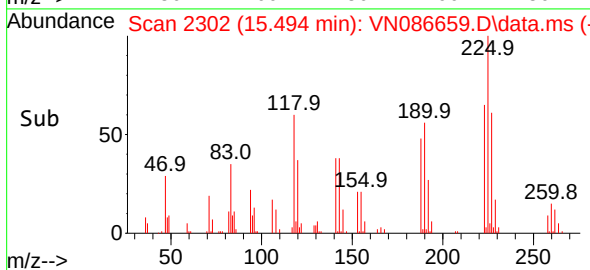
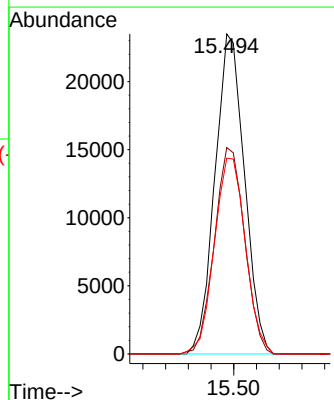
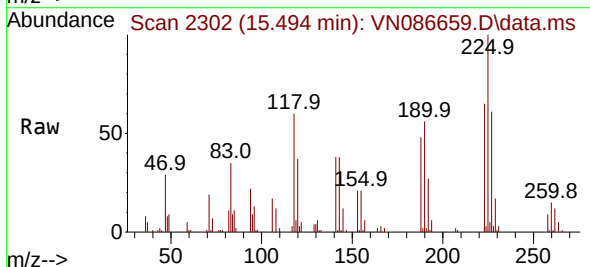
Instrument :
 MSVOA_N
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 VSTDCCC050EC

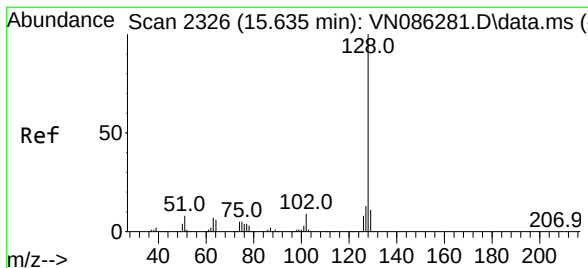
Tgt Ion:180 Resp: 114875
 Ion Ratio Lower Upper
 180 100
 182 96.5 47.0 141.0
 145 32.1 16.4 49.1



#94
 Hexachlorobutadiene
 Concen: 47.409 ug/l
 RT: 15.494 min Scan# 2302
 Delta R.T. -0.006 min
 Lab File: VN086659.D
 Acq: 15 May 2025 20:50

Tgt Ion:225 Resp: 42435
 Ion Ratio Lower Upper
 225 100
 223 65.8 32.8 98.3
 227 64.5 31.4 94.0

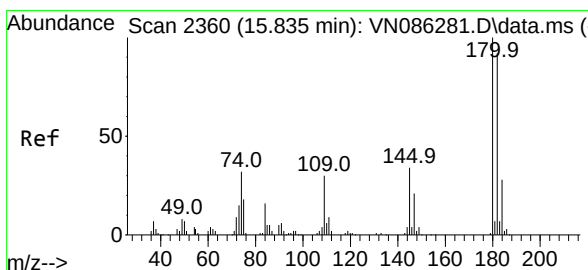
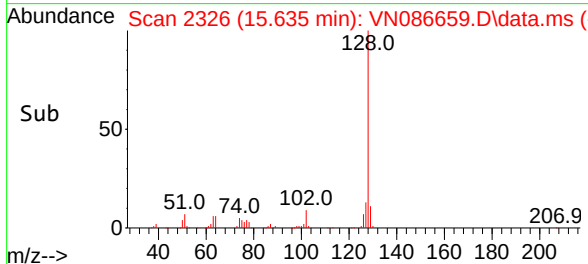
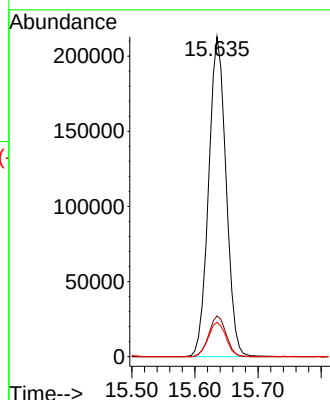
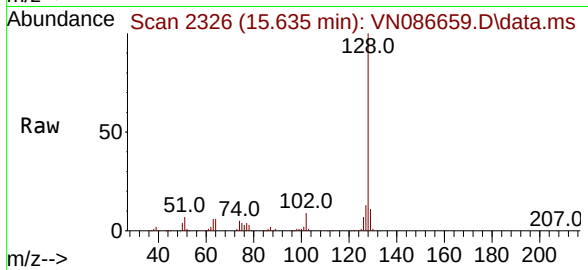




#95
Naphthalene
Concen: 48.479 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086659.D
Acq: 15 May 2025 20:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 407486
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 49.733 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086659.D
Acq: 15 May 2025 20:50

Tgt Ion:180 Resp: 111645
Ion Ratio Lower Upper
180 100
182 94.6 47.3 142.0
145 33.7 17.2 51.5

